

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091318\
 Data File : VD059993.D
 Acq On : 13 Sep 2018 11:48
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 15:36:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 15:36:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1669001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2263948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1905977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	992368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	74050	5.36	ug/l	0.00
Spiked Amount			Recovery	=	10.72%	
35) Dibromofluoromethane	6.30	113	96997	5.49	ug/l	0.00
Spiked Amount			Recovery	=	10.98%	
50) Toluene-d8	9.43	98	275024	5.64	ug/l	0.00
Spiked Amount			Recovery	=	11.28%	
62) 4-Bromofluorobenzene	12.42	95	107720	5.46	ug/l	0.00
Spiked Amount			Recovery	=	10.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	96079	6.147	ug/l	99
3) Chloromethane	1.75	50	87829	6.349	ug/l	97
4) Vinyl Chloride	1.84	62	67550	6.195	ug/l	95
5) Bromomethane	2.12	94	10113	5.302	ug/l	87
6) Chloroethane	2.23	64	16801	5.013	ug/l	90
7) Trichlorofluoromethane	2.49	101	73602	5.780	ug/l	98
8) Diethyl Ether	2.80	74	14199	5.063	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.06	101	44713	5.715	ug/l	94
10) Methyl Iodide	3.22	142	40017	5.532	ug/l	99
11) Tert butyl alcohol	3.94	59	29827	28.178	ug/l	98
12) 1,1-Dichloroethene	3.05	96	35171	5.777	ug/l	98
13) Acrolein	2.96	56	19073	39.751	ug/l	92
14) Allyl chloride	3.50	41	73770	5.444	ug/l	94
15) Acrylonitrile	4.05	53	106719	26.668	ug/l	98
16) Acetone	3.14	43	72878	28.825	ug/l	99
17) Carbon Disulfide	3.28	76	120253	6.244	ug/l	98
18) Methyl Acetate	3.53	43	30363	5.722	ug/l	95
19) Methyl tert-butyl Ether	4.09	73	169479	5.163	ug/l	99
20) Methylene Chloride	3.69	84	140594	6.816	ug/l	97
21) trans-1,2-Dichloroethene	4.07	96	93713	5.638	ug/l	95
22) Diisopropyl ether	4.83	45	350196	5.172	ug/l	94
23) Vinyl Acetate	4.78	43	970994	25.680	ug/l	99
24) 1,1-Dichloroethane	4.72	63	154626	5.242	ug/l	98
25) 2-Butanone	5.60	43	168735	23.110	ug/l	97
26) 2,2-Dichloropropane	5.56	77	130147	5.313	ug/l	100
27) cis-1,2-Dichloroethene	5.57	96	97161	5.401	ug/l	96
28) Bromochloromethane	5.90	49	75473	5.444	ug/l	100
29) Tetrahydrofuran	5.93	42	98909	27.411	ug/l	99
30) Chloroform	6.08	83	155921	5.192	ug/l	96
31) Cyclohexane	6.34	56	167815	6.092	ug/l	94
32) 1,1,1-Trichloroethane	6.27	97	127140	5.001	ug/l	97
36) 1,1-Dichloropropene	6.50	75	124327	5.919	ug/l	97
37) Ethyl Acetate	5.68	43	83632	5.263	ug/l	99
38) Carbon Tetrachloride	6.47	117	116557	5.531	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091318\
 Data File : VD059993.D
 Acq On : 13 Sep 2018 11:48
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 15:36:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 15:36:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	134601	5.878	ug/l	98
40) Benzene	6.77	78	305831	5.590	ug/l	97
41) Methacrylonitrile	5.92	41	97228	12.049	ug/l #	83
42) 1,2-Dichloroethane	6.87	62	90297	5.253	ug/l	97
43) Isopropyl Acetate	8.33	43	108546	5.215	ug/l #	98
44) Trichloroethene	7.71	130	90795	5.599	ug/l	96
45) 1,2-Dichloropropane	8.08	63	78829	5.216	ug/l	99
46) Dibromomethane	8.19	93	50447	5.186	ug/l	95
47) Bromodichloromethane	8.47	83	109634	5.023	ug/l	98
48) Methyl methacrylate	8.22	41	58713	4.847	ug/l	96
49) 1,4-Dioxane	8.21	88	11234	102.361	ug/l	95
51) 4-Methyl-2-Pentanone	9.33	43	359663	24.239	ug/l	99
52) Toluene	9.52	92	192787	5.507	ug/l	97
53) t-1,3-Dichloropropene	9.90	75	105304	5.230	ug/l	98
54) cis-1,3-Dichloropropene	9.08	75	122233	5.171	ug/l	96
55) 1,1,2-Trichloroethane	10.16	97	73155	5.797	ug/l	89
56) Ethyl methacrylate	10.02	69	69827	4.831	ug/l	96
57) 1,3-Dichloropropane	10.37	76	97475	5.330	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.90	63	186450	26.927	ug/l	97
59) 2-Hexanone	10.48	43	254497	23.257	ug/l	99
60) Dibromochloromethane	10.63	129	76652	4.841	ug/l	98
61) 1,2-Dibromoethane	10.74	107	66787	5.238	ug/l	100
64) Tetrachloroethene	10.23	164	86017	5.625	ug/l	97
65) Chlorobenzene	11.30	112	217644	5.599	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.40	131	73780	5.266	ug/l	99
67) Ethyl Benzene	11.41	91	369864	5.695	ug/l	95
68) m/p-Xylenes	11.55	106	267710	11.213	ug/l	86
69) o-Xylene	11.92	106	128441	5.515	ug/l	99
70) Styrene	11.94	104	217358	5.428	ug/l	96
71) Bromoform	12.10	173	55669	4.600	ug/l	99
73) Isopropylbenzene	12.27	105	353660	5.479	ug/l	98
74) N-amyl acetate	12.12	43	132310	4.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	76107	5.130	ug/l	93
76) 1,2,3-Trichloropropane	12.58	75	81767	5.291	ug/l	100
77) Bromobenzene	12.53	156	97419	5.449	ug/l	91
78) n-propylbenzene	12.62	91	460532	5.660	ug/l	95
79) 2-Chlorotoluene	12.69	91	257374	5.600	ug/l	93
80) 1,3,5-Trimethylbenzene	12.78	105	286270	5.604	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.33	75	22796	4.778	ug/l	99
82) 4-Chlorotoluene	12.80	91	296875	5.698	ug/l	100
83) tert-Butylbenzene	13.04	119	319229	5.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	301672	5.687	ug/l	100
85) sec-Butylbenzene	13.21	105	375156	5.511	ug/l	97
86) p-Isopropyltoluene	13.33	119	303852	5.437	ug/l	96
87) 1,3-Dichlorobenzene	13.30	146	179988	5.643	ug/l	95
88) 1,4-Dichlorobenzene	13.38	146	180849	5.662	ug/l	98
89) n-Butylbenzene	13.64	91	328010	5.875	ug/l	96
90) Hexachloroethane	13.85	117	64800	4.377	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	160802	5.981	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	11294	5.091	ug/l	96

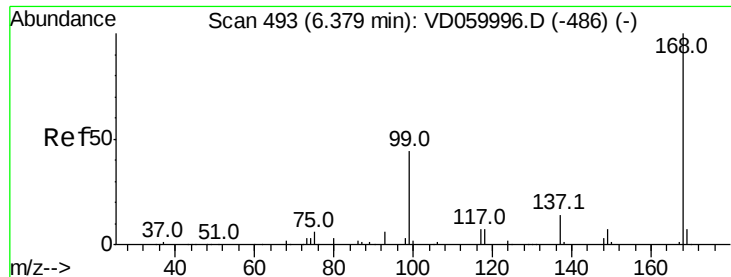
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091318\
Data File : VD059993.D
Acq On : 13 Sep 2018 11:48
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 13 15:36:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 15:36:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	125961	5.448	ug/l	98
94) Hexachlorobutadiene	14.87	225	79671	5.240	ug/l	99
95) Naphthalene	14.96	128	182652	5.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	107402	5.417	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

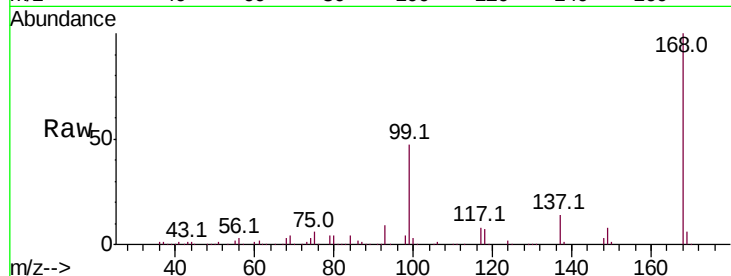
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1669001

Ion Ratio Lower Upper

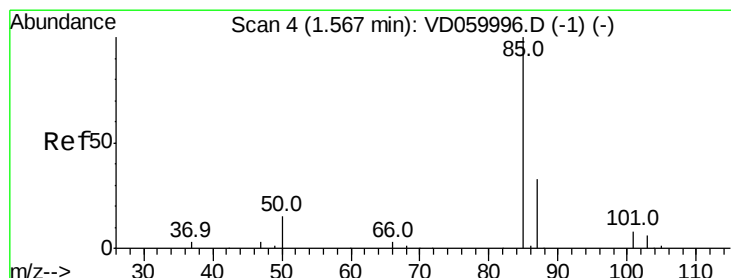
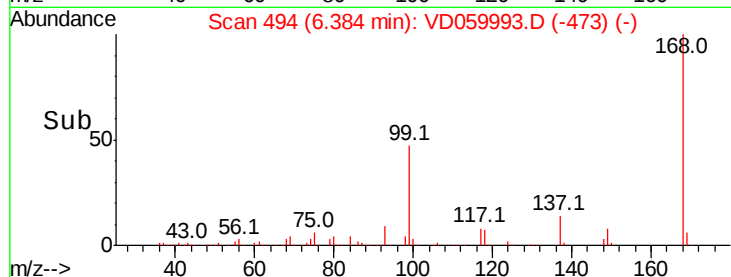
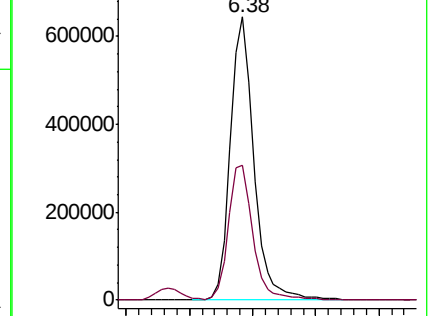
168 100

99 47.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 6.147 ug/l

RT: 1.57 min Scan# 5

Delta R.T. 0.00 min

Lab File: VD059993.D

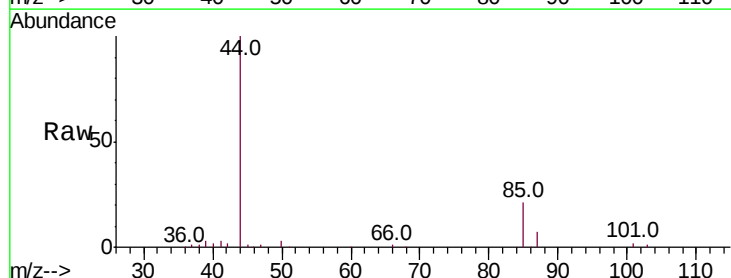
Acq: 13 Sep 2018 11:48

Tgt Ion: 85 Resp: 96079

Ion Ratio Lower Upper

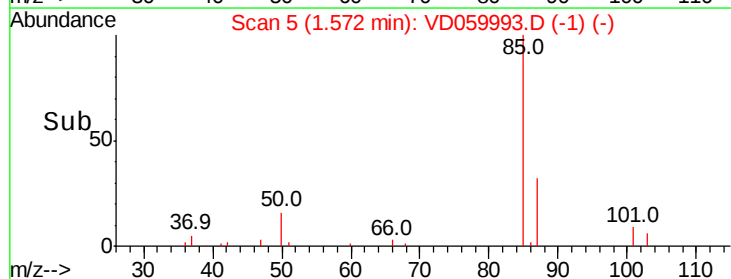
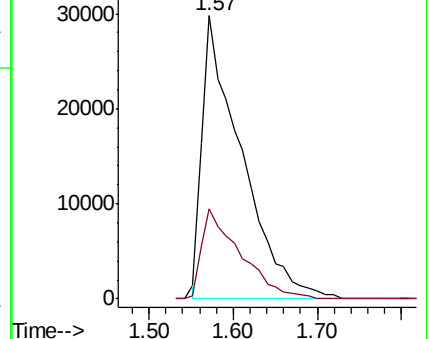
85 100

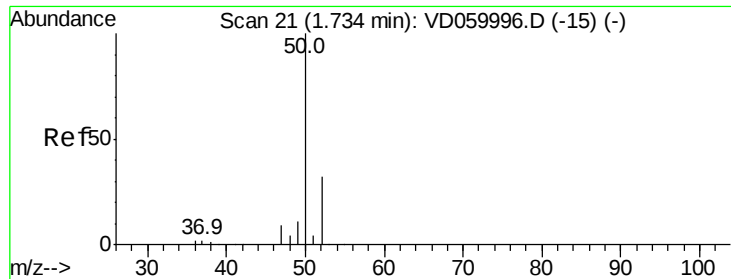
87 32.0 16.4 49.1



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

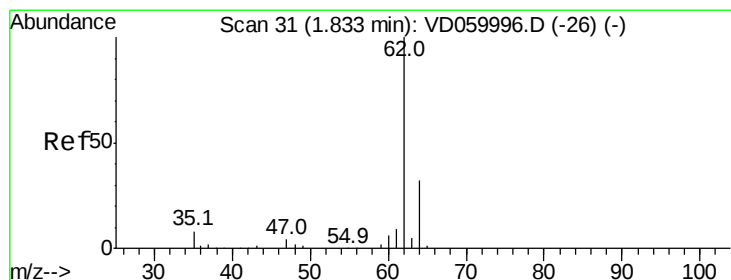
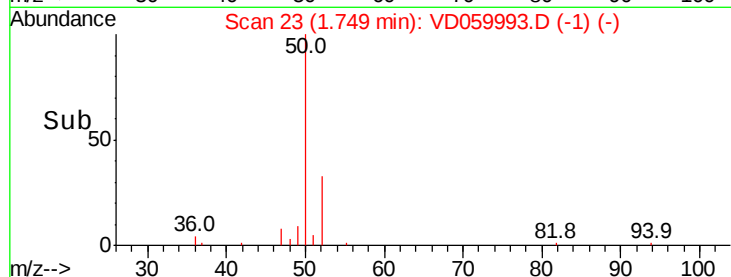
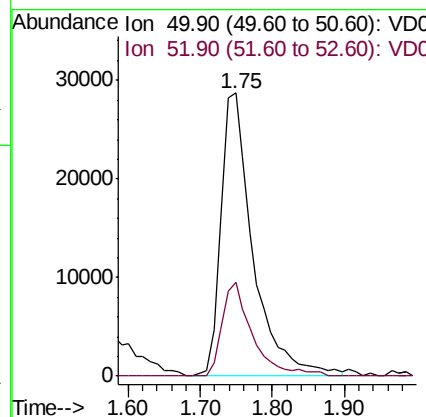
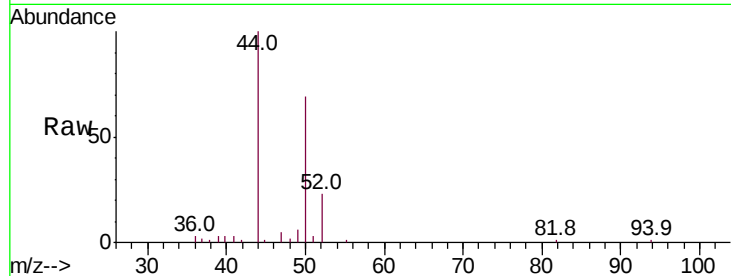




#3
Chloromethane
Concen: 6.349 ug/l
RT: 1.75 min Scan# 23
Delta R.T. 0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

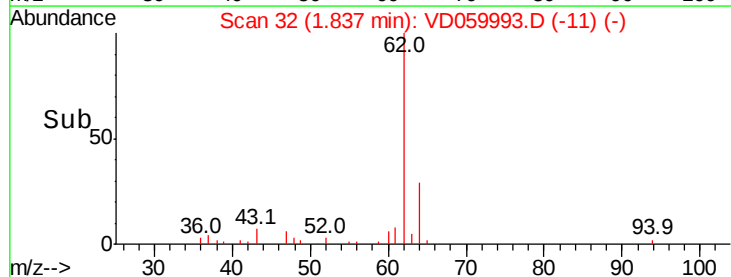
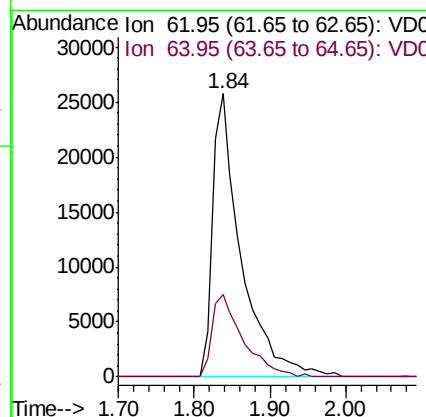
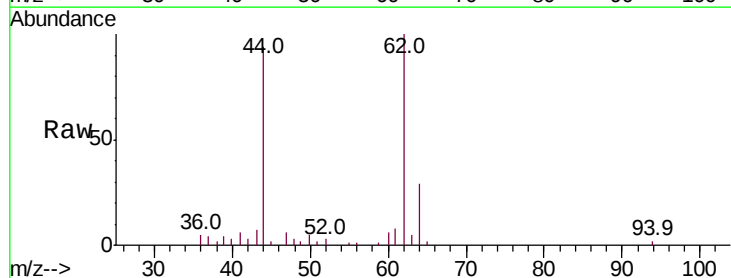
Instrument :
MSVOA_D
ClientSampleId :

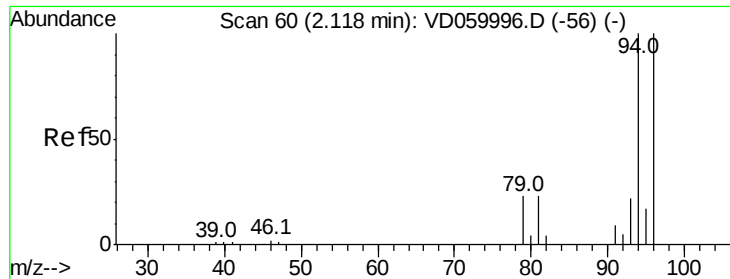
Tot Ion: 50 Resp: 87829
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 6.195 ug/l
RT: 1.84 min Scan# 32
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 62 Resp: 67550
Ion Ratio Lower Upper
62 100
64 29.2 25.5 38.3

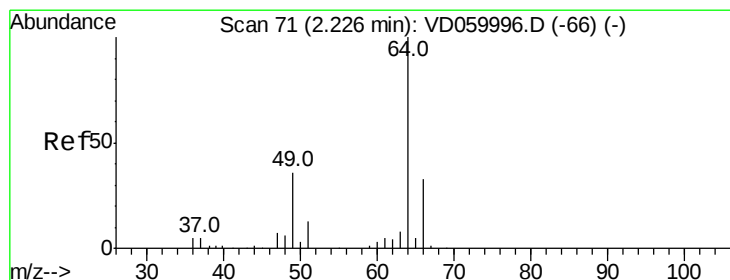
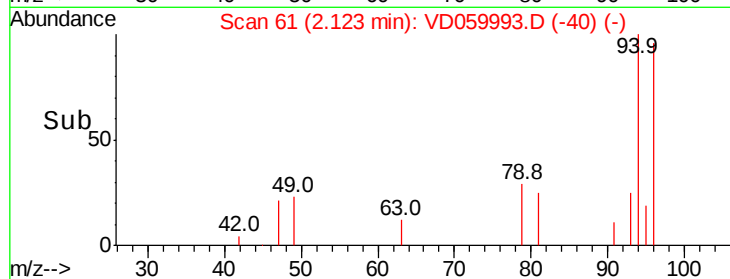
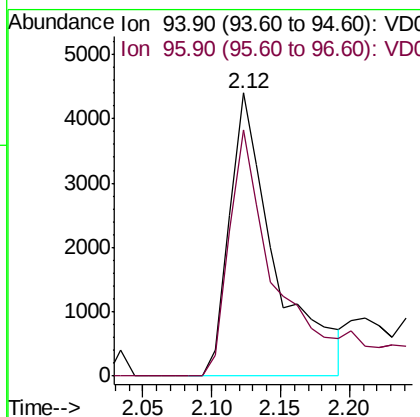
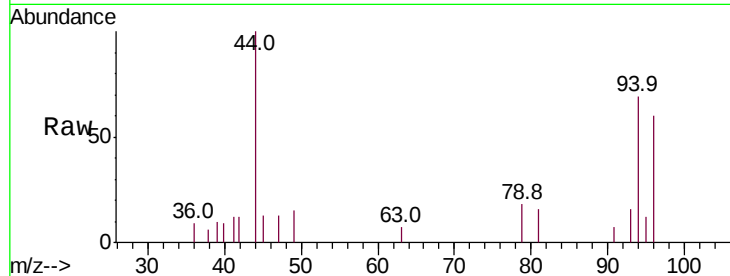




#5
Bromomethane
Concen: 5.302 ug/l
RT: 2.12 min Scan# 61
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

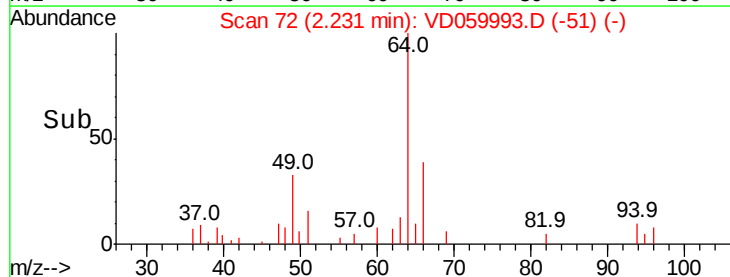
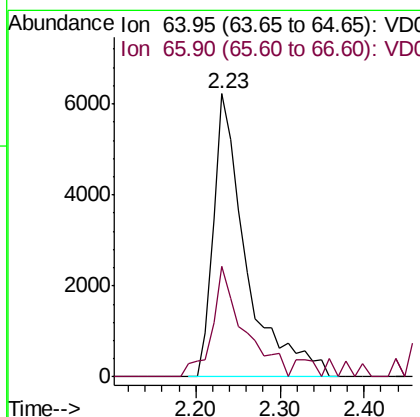
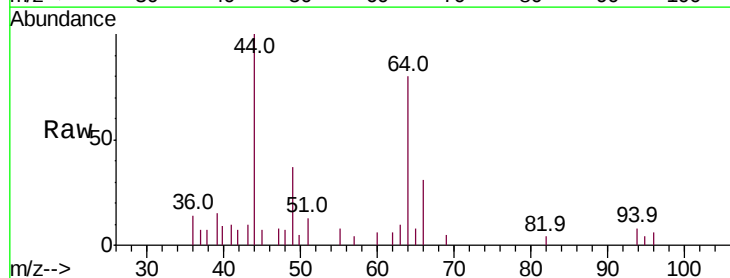
Instrument :
MSVOA_D
ClientSampled :

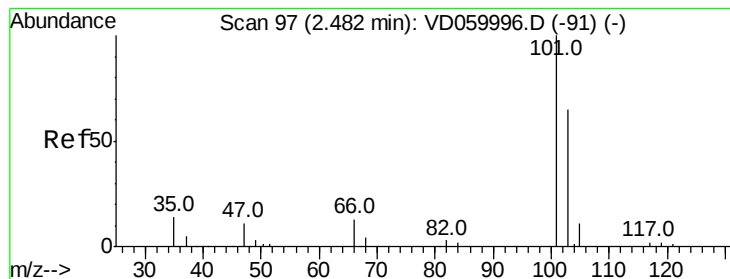
Tot Ion: 94 Resp: 10113
Ion Ratio Lower Upper
94 100
96 87.2 79.8 119.8



#6
Chloroethane
Concen: 5.013 ug/l
RT: 2.23 min Scan# 72
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 64 Resp: 16801
Ion Ratio Lower Upper
64 100
66 38.9 26.5 39.7





#7

Trichlorofluoromethane

Concen: 5.780 ug/l

RT: 2.49 min Scan# 98

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

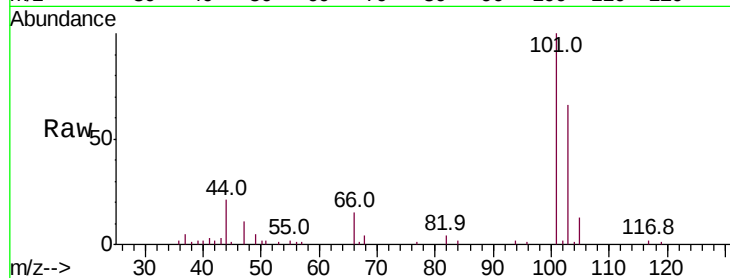
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 73602

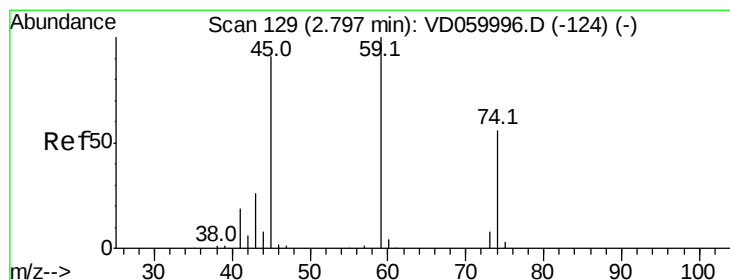
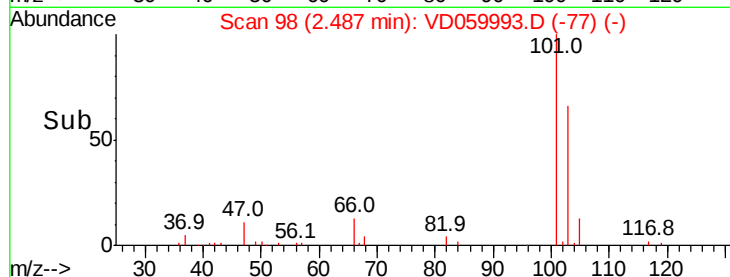
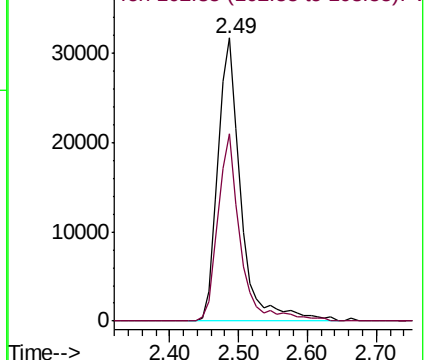
Ion Ratio Lower Upper

101 100

103 66.1 51.6 77.4



Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 5.063 ug/l

RT: 2.80 min Scan# 130

Delta R.T. 0.00 min

Lab File: VD059993.D

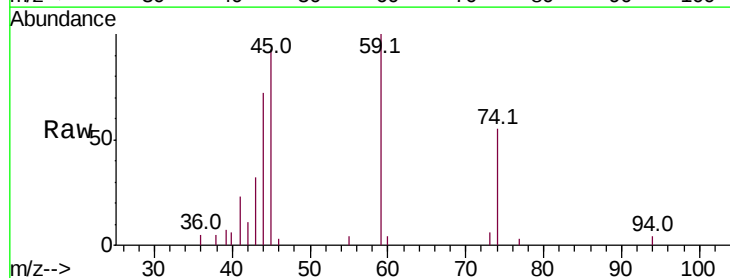
Acq: 13 Sep 2018 11:48

Tgt Ion: 74 Resp: 14199

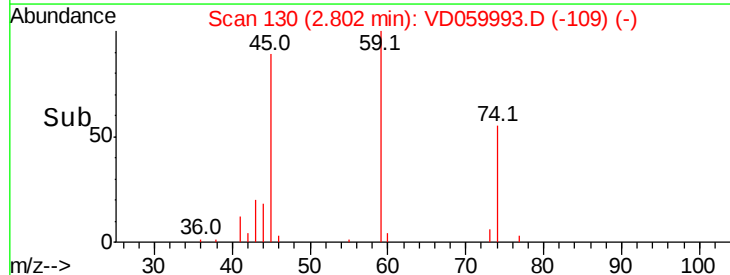
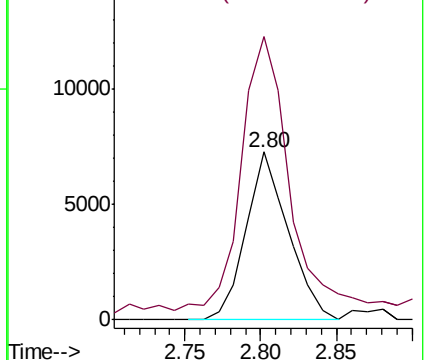
Ion Ratio Lower Upper

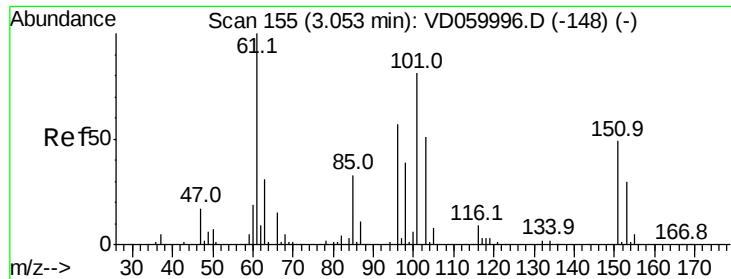
74 100

45 168.5 81.2 243.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.715 ug/l

RT: 3.06 min Scan# 156

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

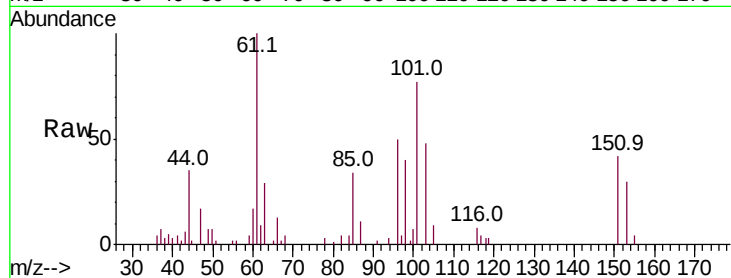
Tot Ion:101 Resp: 44713

Ion Ratio Lower Upper

101 100

85 44.2 33.1 49.7

151 54.5 48.2 72.4

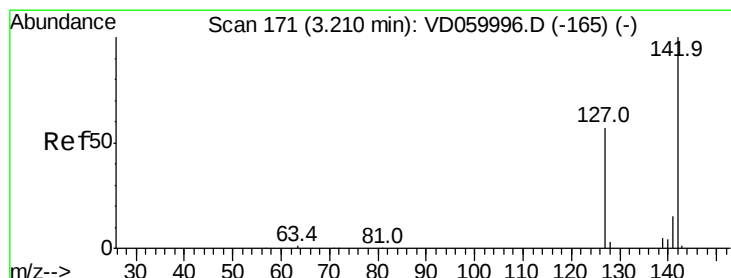
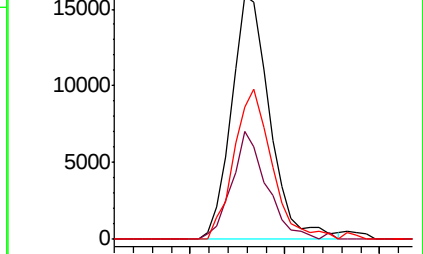
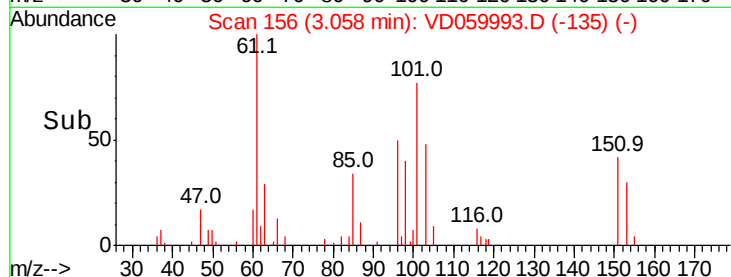


Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V

Time-->



#10

Methyl Iodide

Concen: 5.532 ug/l

RT: 3.22 min Scan# 172

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

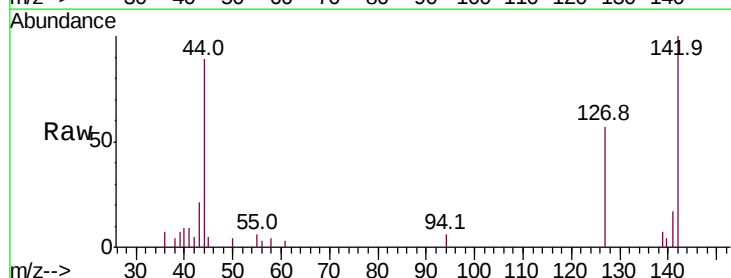
Tgt Ion:142 Resp: 40017

Ion Ratio Lower Upper

142 100

127 57.2 45.8 68.8

141 17.3 12.2 18.4

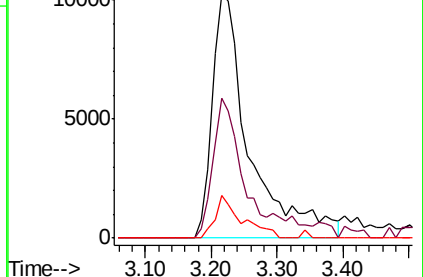
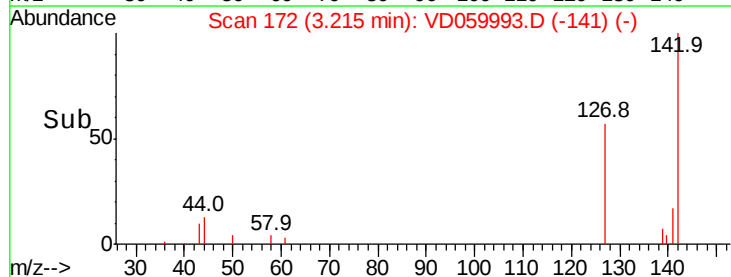


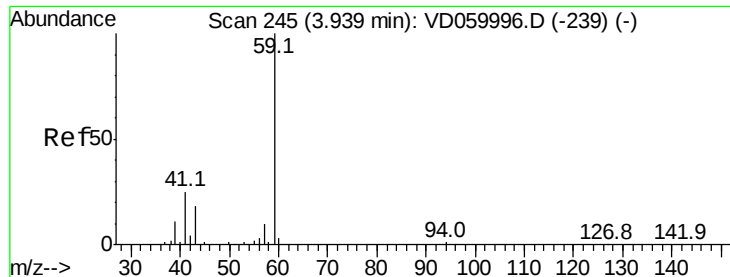
Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

Time-->





#11

Tert butyl alcohol

Concen: 28.178 ug/l

RT: 3.94 min Scan# 246

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

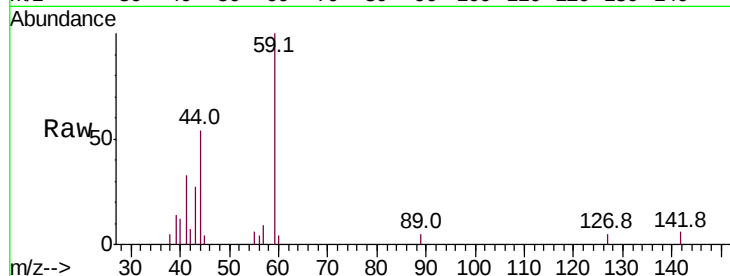
ClientSampleId :

Tot Ion: 59 Resp: 29827

Ion Ratio Lower Upper

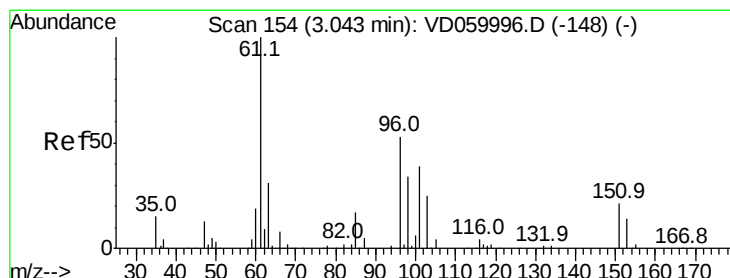
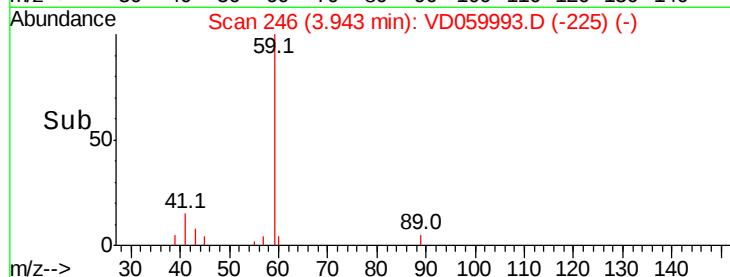
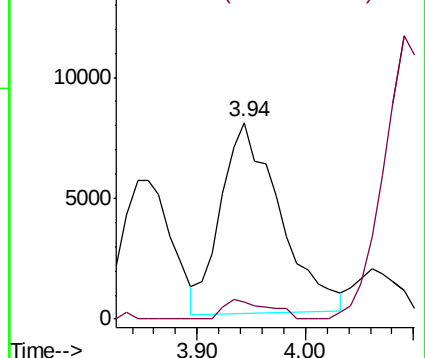
59 100

57 8.6 7.4 11.2



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 5.777 ug/l

RT: 3.05 min Scan# 155

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

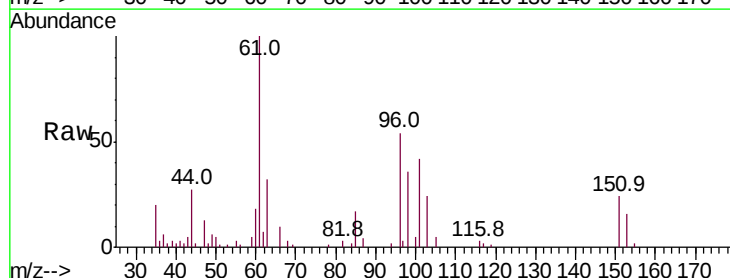
Tgt Ion: 96 Resp: 35171

Ion Ratio Lower Upper

96 100

61 185.8 149.8 224.6

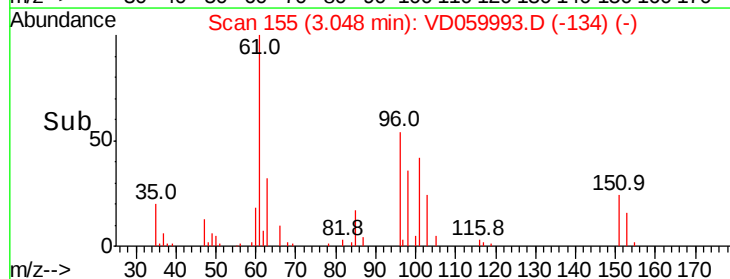
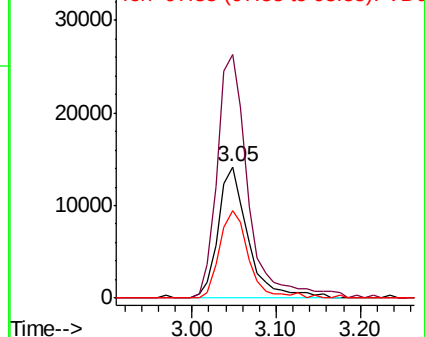
98 66.5 50.2 75.4

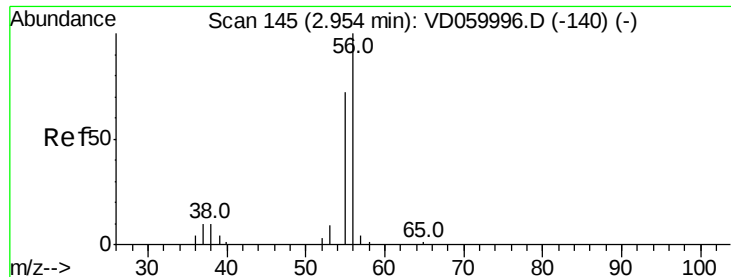


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 39.751 ug/l

RT: 2.96 min Scan# 146

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

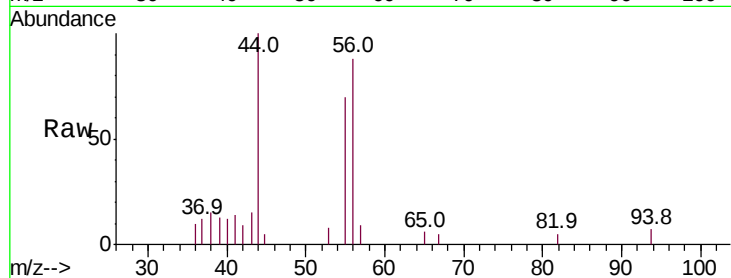
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 19073

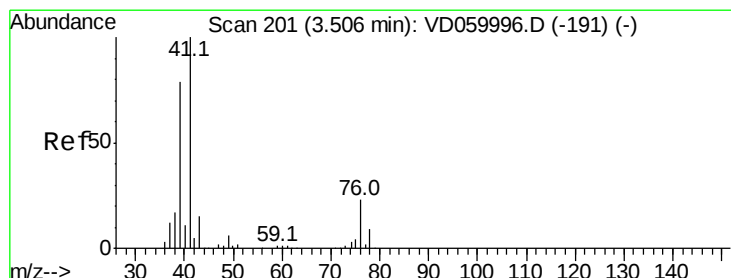
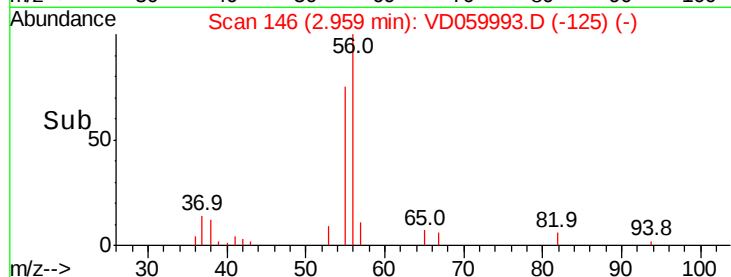
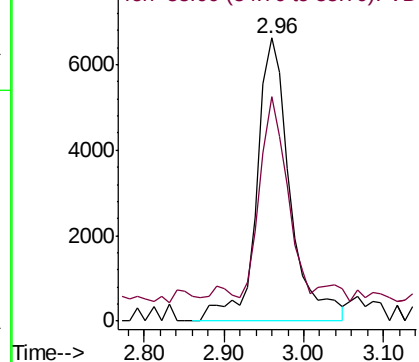
Ion Ratio Lower Upper

56 100

55 79.2 58.3 87.5



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 5.444 ug/l

RT: 3.50 min Scan# 201

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

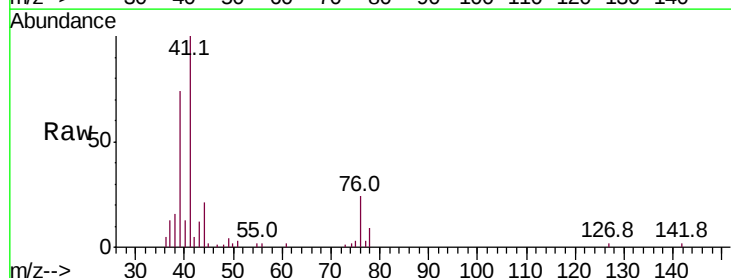
Tgt Ion: 41 Resp: 73770

Ion Ratio Lower Upper

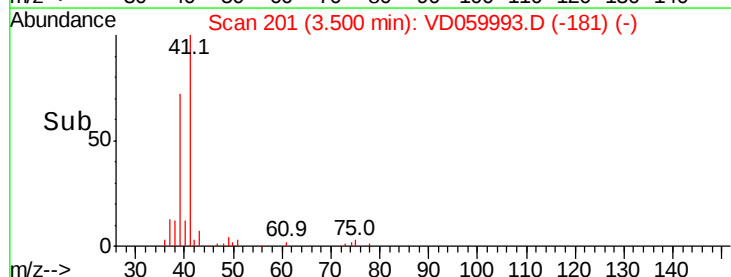
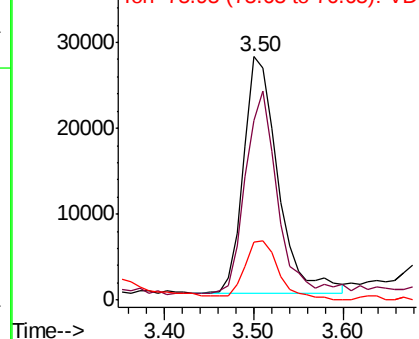
41 100

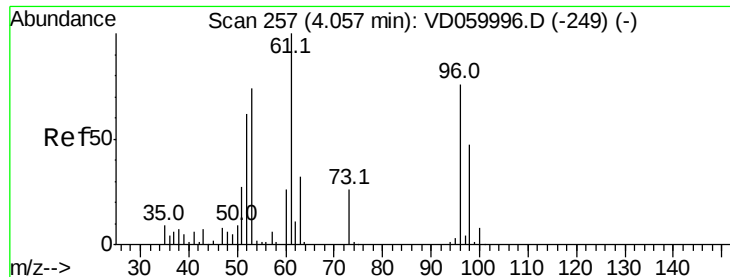
39 74.0 63.6 95.4

76 23.9 21.1 31.7



Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 26.668 ug/l

RT: 4.05 min Scan# 257

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampled :

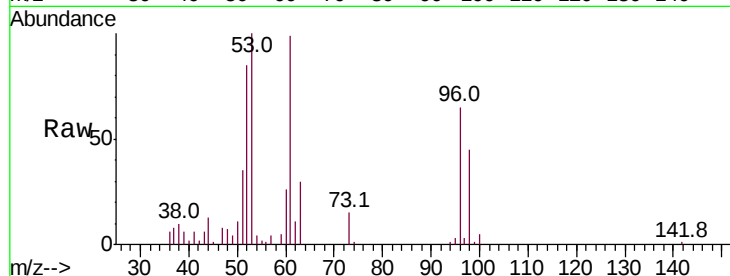
Tot Ion: 53 Resp: 106719

Ion Ratio Lower Upper

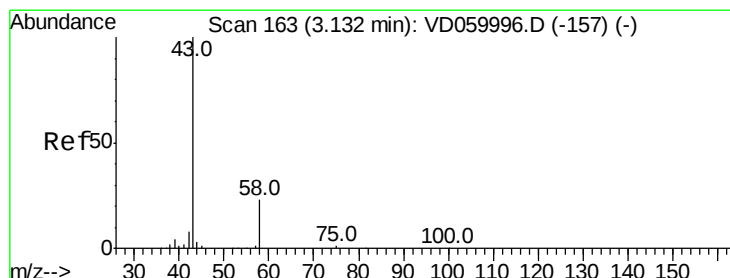
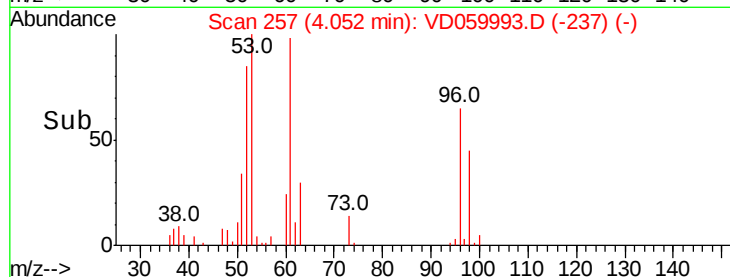
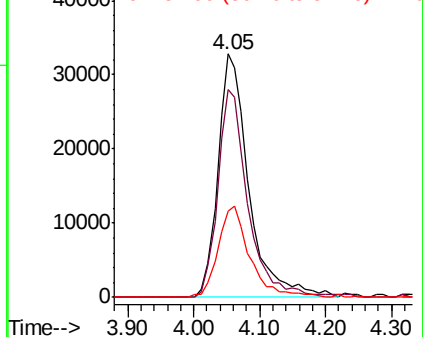
53 100

52 85.2 66.7 100.1

51 35.3 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 28.825 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD059993.D

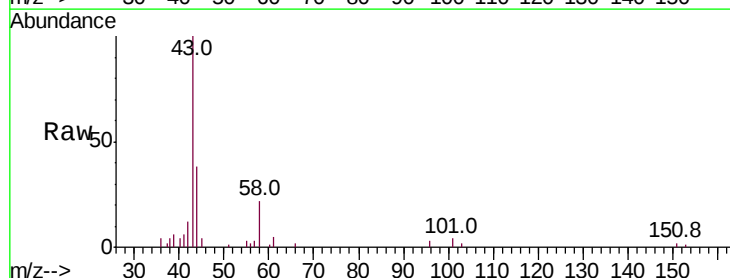
Acq: 13 Sep 2018 11:48

Tgt Ion: 43 Resp: 72878

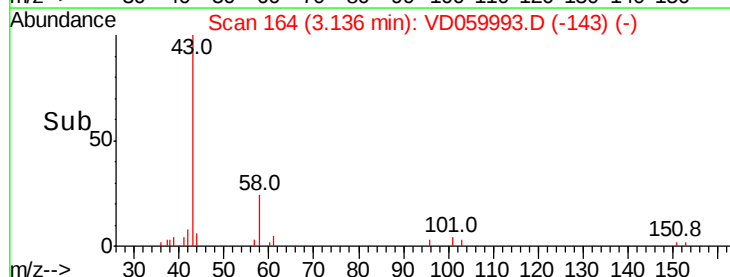
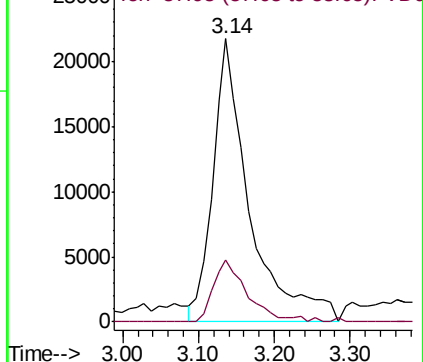
Ion Ratio Lower Upper

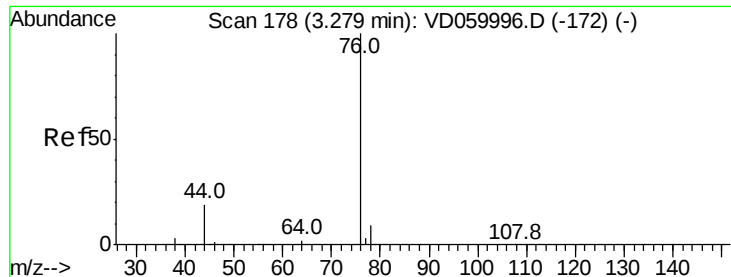
43 100

58 21.9 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

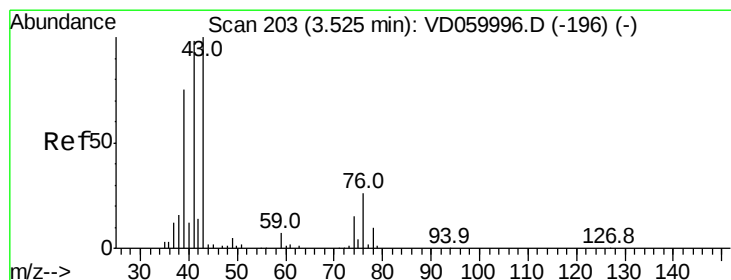
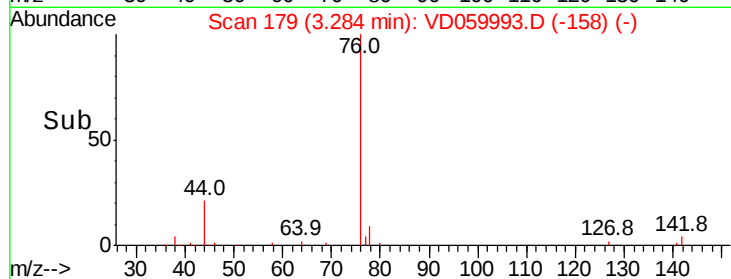
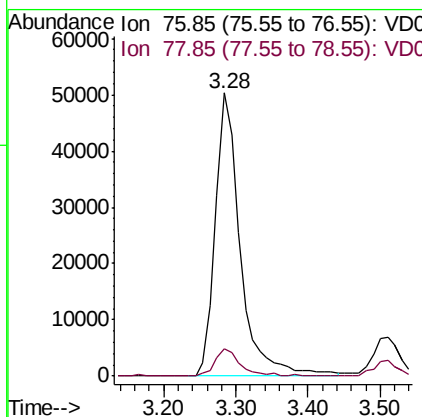
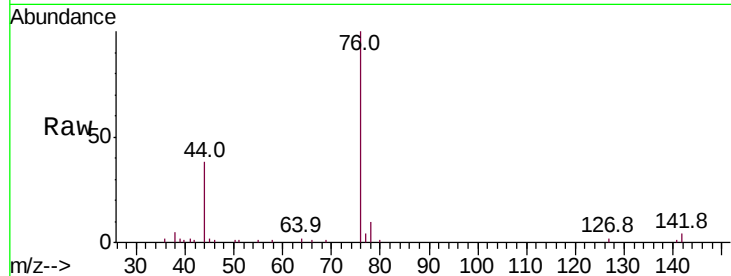




#17
Carbon Disulfide
Concen: 6.244 ug/l
RT: 3.28 min Scan# 179
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

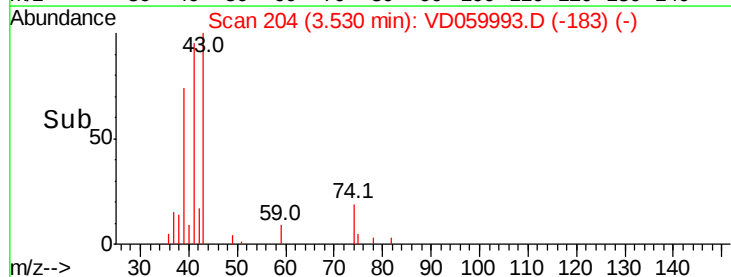
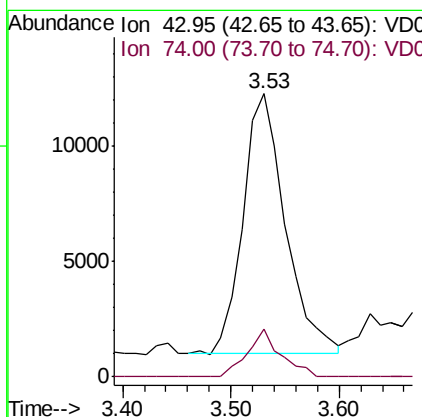
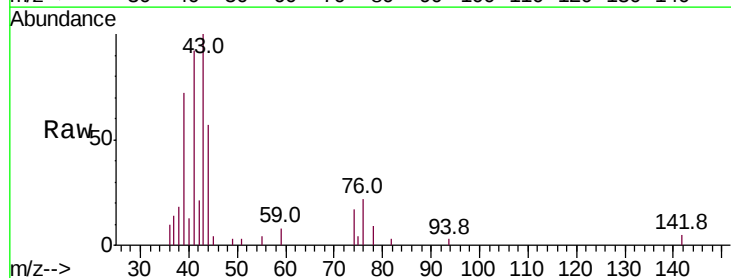
Instrument :
MSVOA_D
ClientSampled :

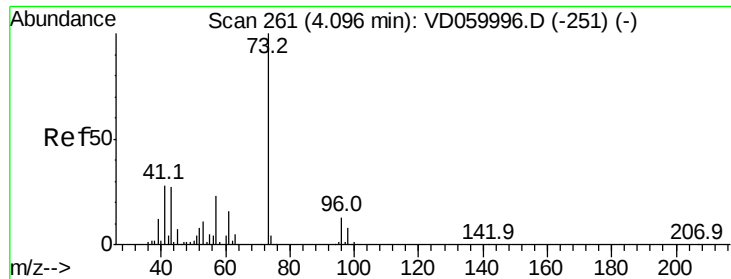
Tot Ion: 76 Resp: 120253
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 5.722 ug/l
RT: 3.53 min Scan# 204
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 43 Resp: 30363
Ion Ratio Lower Upper
43 100
74 16.9 11.8 17.8



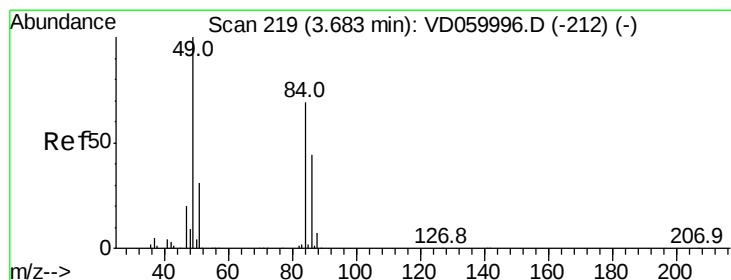
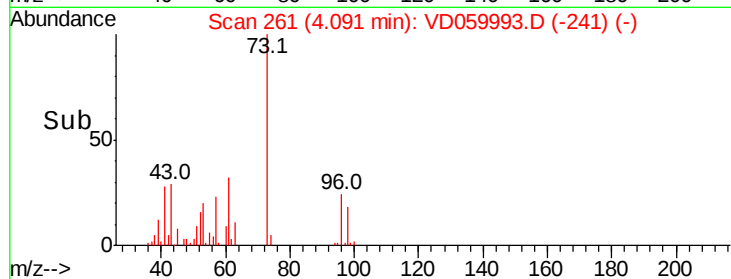
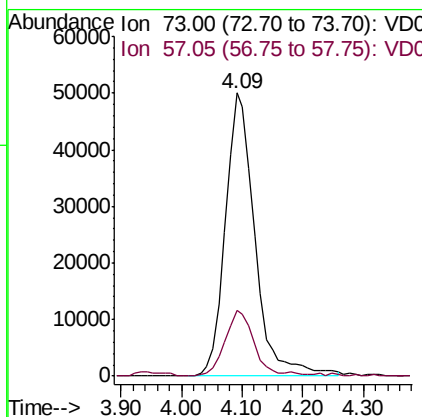
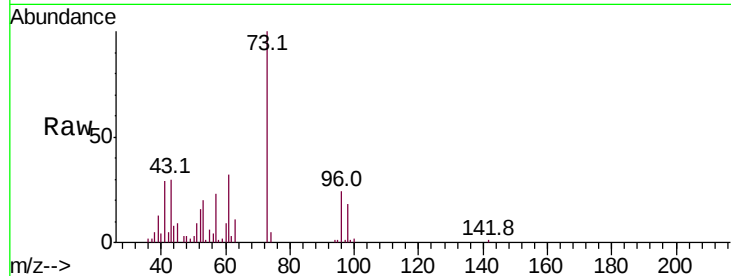


#19

Methyl tert-butyl Ether
 Concen: 5.163 ug/l
 RT: 4.09 min Scan# 261
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Instrument :
 MSVOA_D
 ClientSampleID :

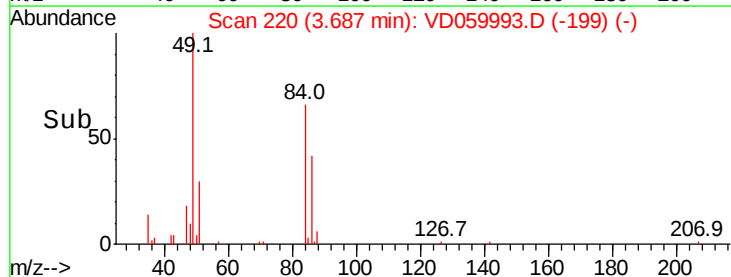
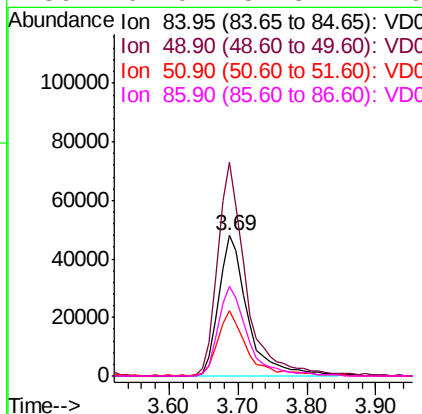
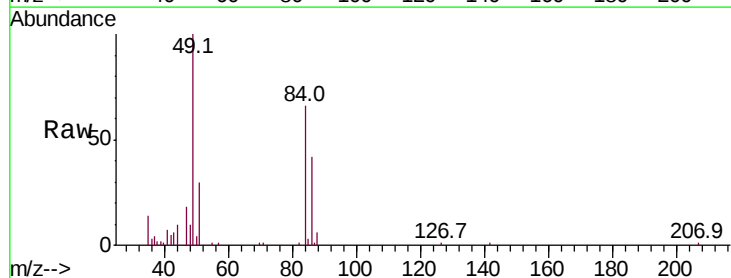
Tot Ion: 73 Resp: 169479
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.4 27.6

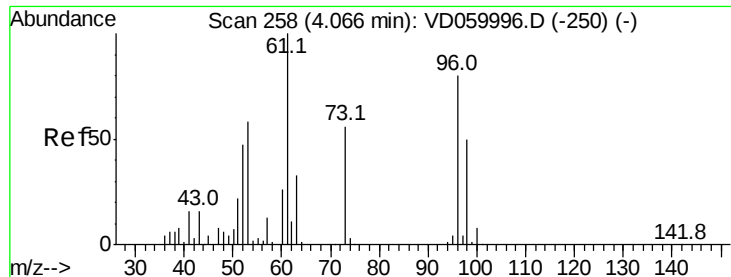


#20

Methylene Chloride
 Concen: 6.816 ug/l
 RT: 3.69 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion: 84 Resp: 140594
 Ion Ratio Lower Upper
 84 100
 49 151.7 116.6 175.0
 51 46.2 35.9 53.9
 86 64.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 5.638 ug/l

RT: 4.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampled :

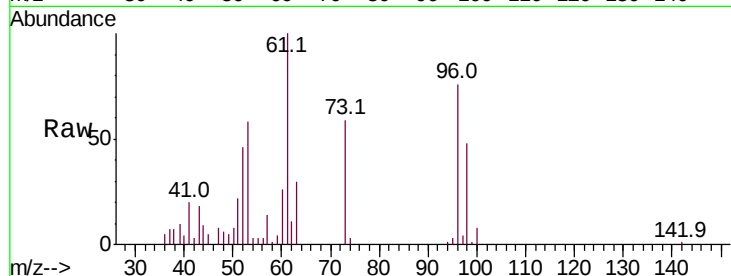
Tot Ion: 96 Resp: 93713

Ion Ratio Lower Upper

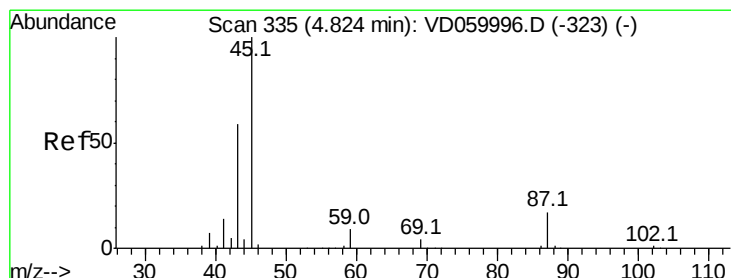
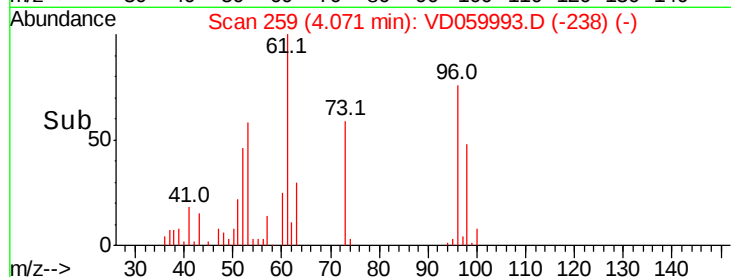
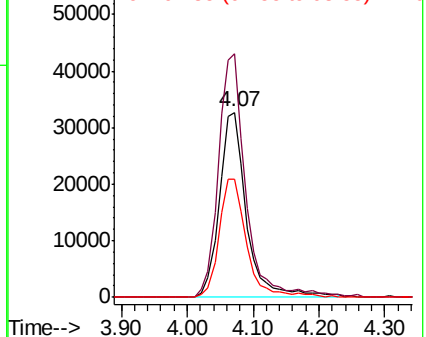
96 100

61 131.7 100.1 150.1

98 63.8 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 5.172 ug/l

RT: 4.83 min Scan# 336

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Tgt Ion: 45 Resp: 350196

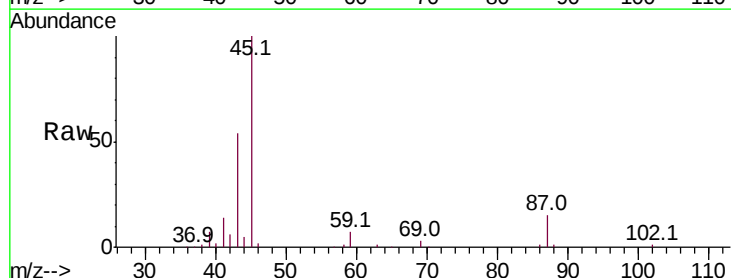
Ion Ratio Lower Upper

45 100

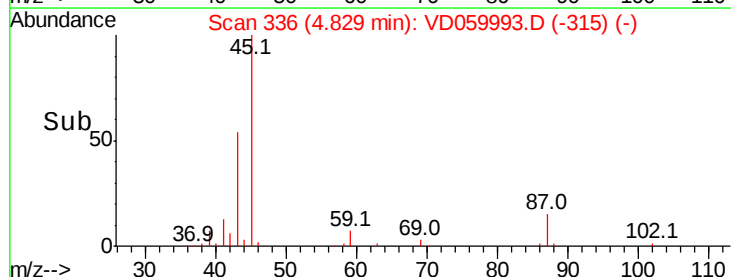
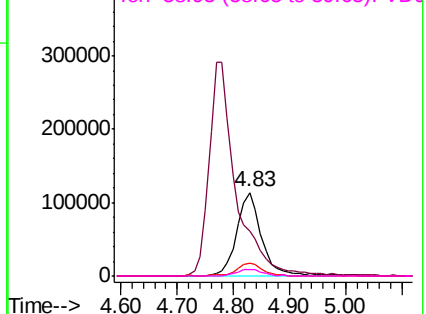
43 54.1 47.1 70.7

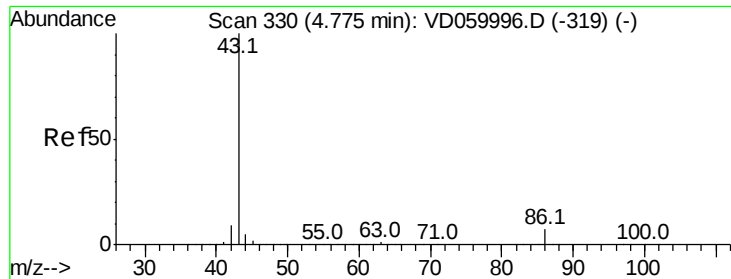
87 15.1 14.2 21.2

59 7.3 7.0 10.6



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

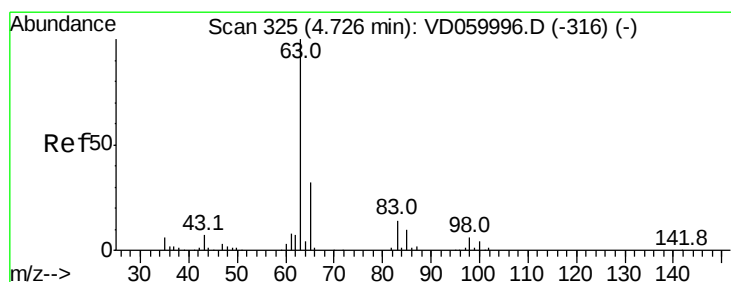
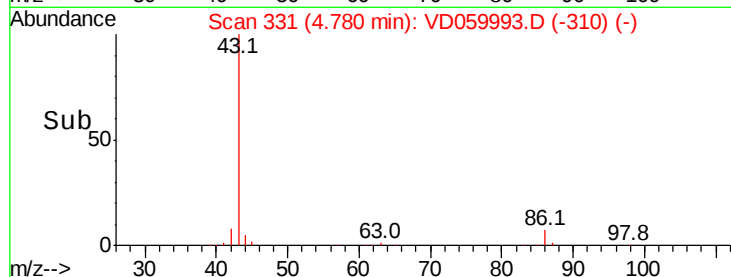
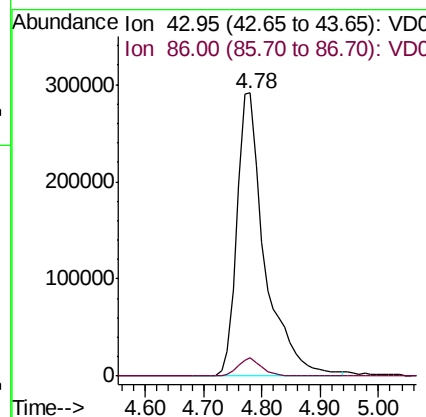
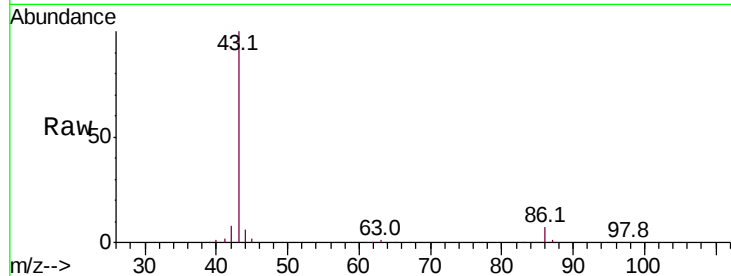




#23
 Vinyl Acetate
 Concen: 25.680 ug/l
 RT: 4.78 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

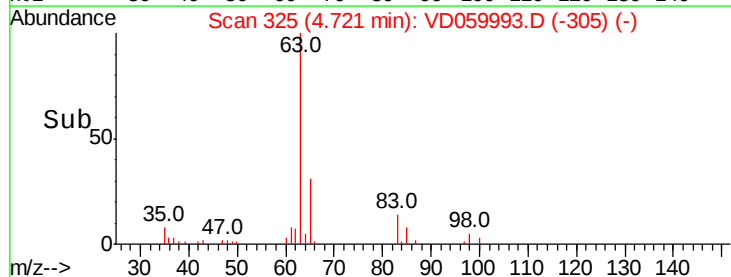
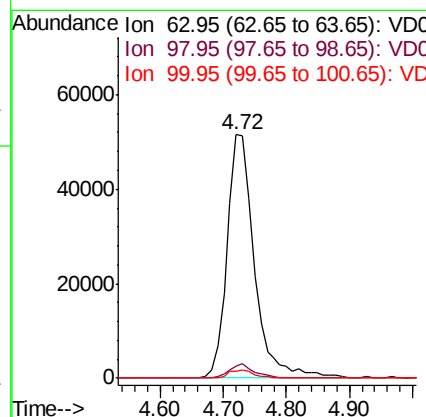
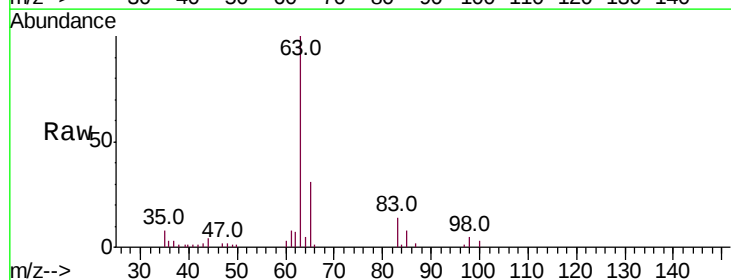
Instrument :
 MSVOA_D
 ClientSampleId :

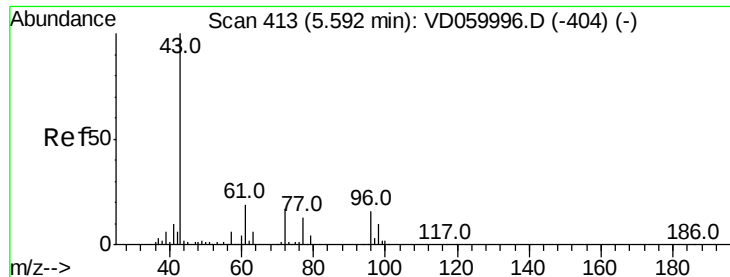
Tot Ion: 43 Resp: 970994
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.5 8.3



#24
 1,1-Dichloroethane
 Concen: 5.242 ug/l
 RT: 4.72 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion: 63 Resp: 154626
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.9 8.6
 100 2.7 1.8 5.4





#25

2-Butanone

Concen: 23.110 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

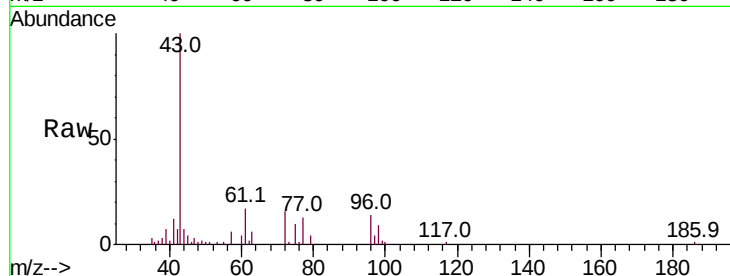
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 168735

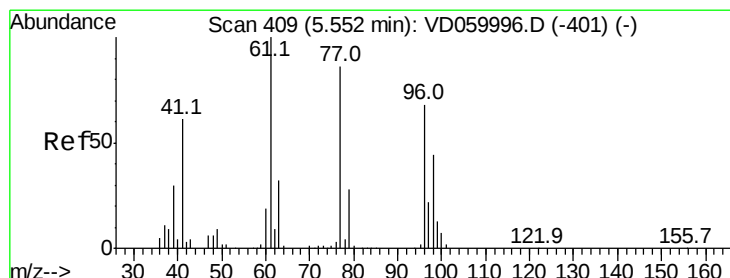
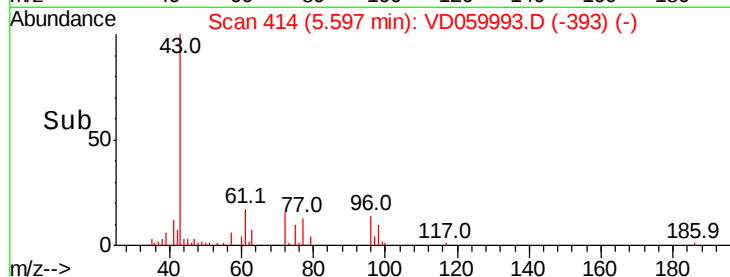
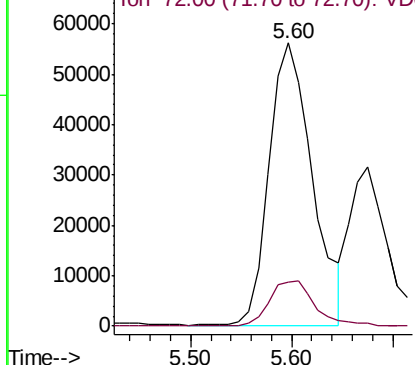
Ion Ratio Lower Upper

43 100

72 15.7 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.313 ug/l

RT: 5.56 min Scan# 410

Delta R.T. 0.00 min

Lab File: VD059993.D

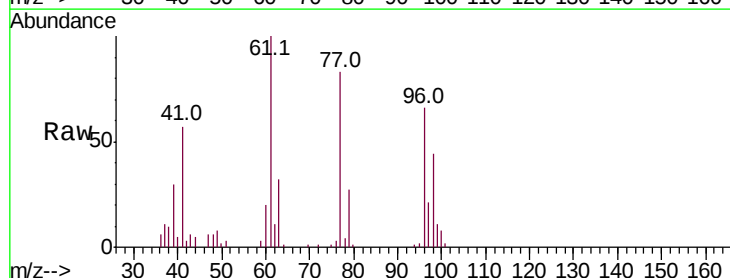
Acq: 13 Sep 2018 11:48

Tgt Ion: 77 Resp: 130147

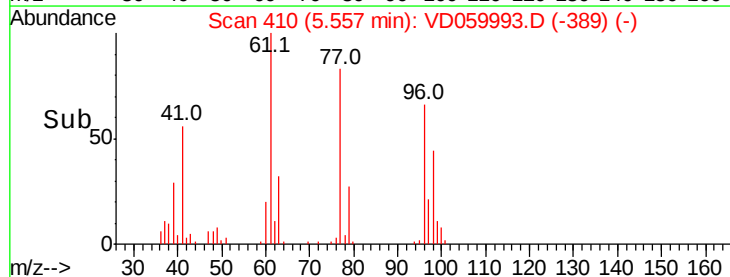
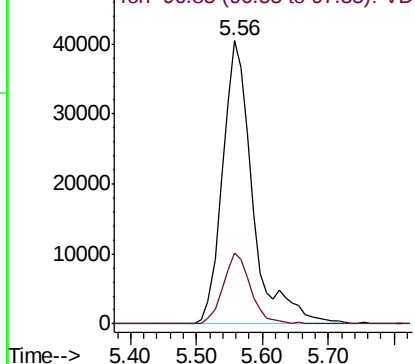
Ion Ratio Lower Upper

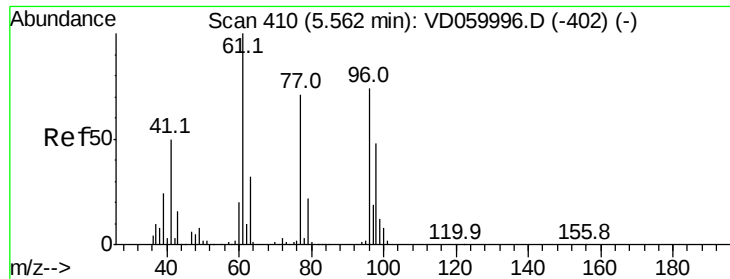
77 100

97 25.2 12.7 38.1



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC



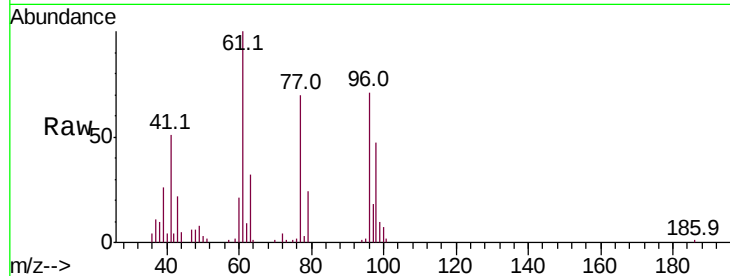


#27

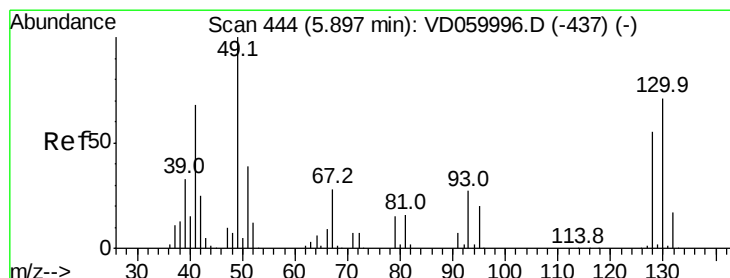
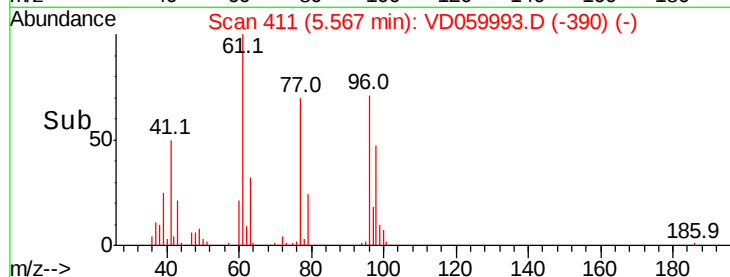
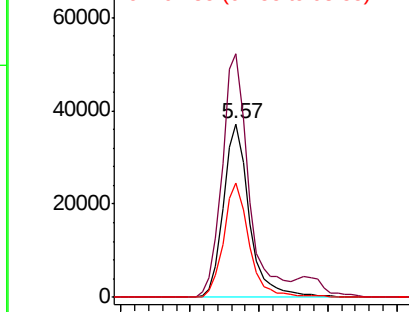
cis-1,2-Dichloroethene
Concen: 5.401 ug/l
RT: 5.57 min Scan# 411
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 97161
Ion Ratio Lower Upper
96 100
61 140.0 0.0 269.6
98 66.0 0.0 128.4



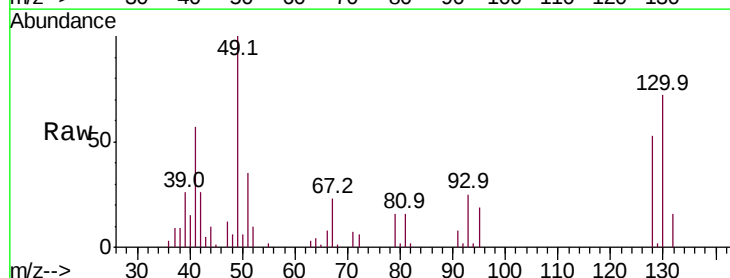
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



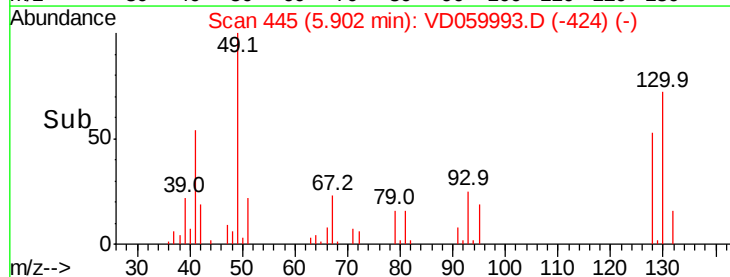
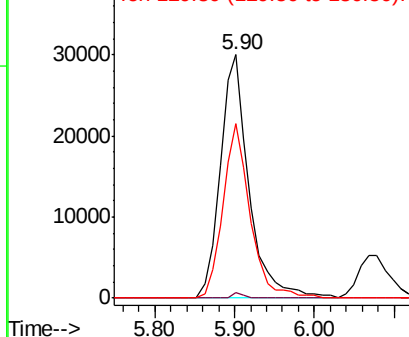
#28

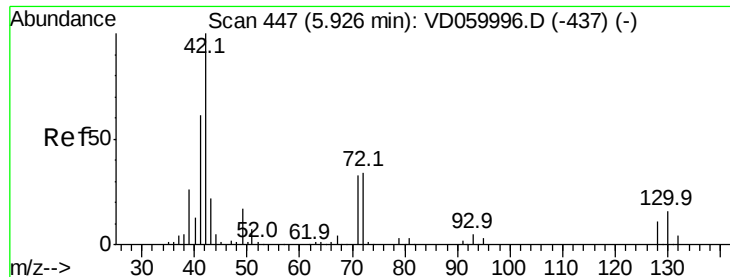
Bromochloromethane
Concen: 5.444 ug/l
RT: 5.90 min Scan# 445
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 49 Resp: 75473
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 71.6 57.1 85.7



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 27.411 ug/l

RT: 5.93 min Scan# 448

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

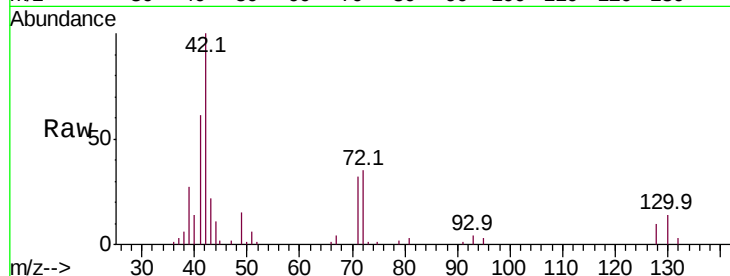
Tot Ion: 42 Resp: 98909

Ion Ratio Lower Upper

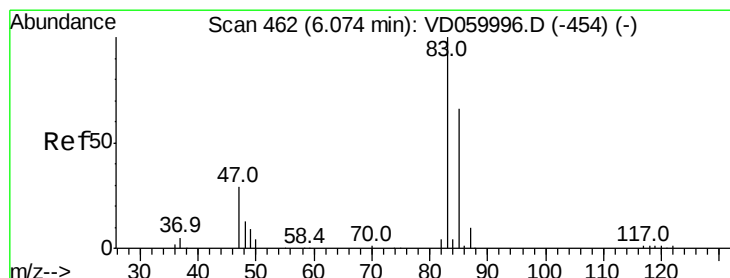
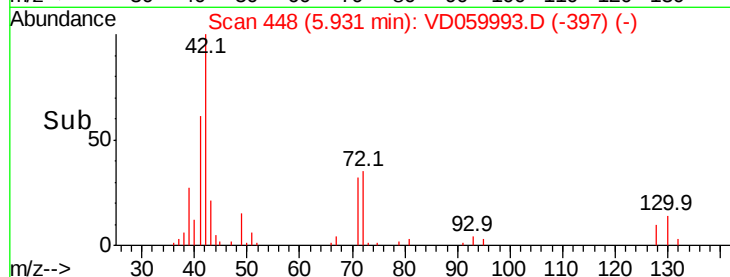
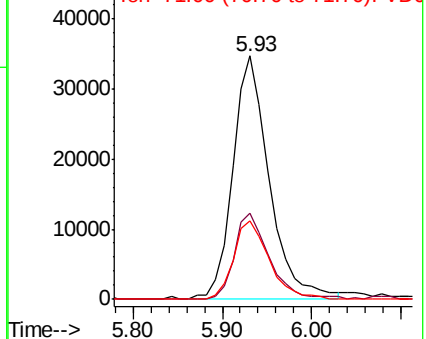
42 100

72 33.7 26.9 40.3

71 31.4 26.2 39.4



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 5.192 ug/l

RT: 6.08 min Scan# 463

Delta R.T. 0.00 min

Lab File: VD059993.D

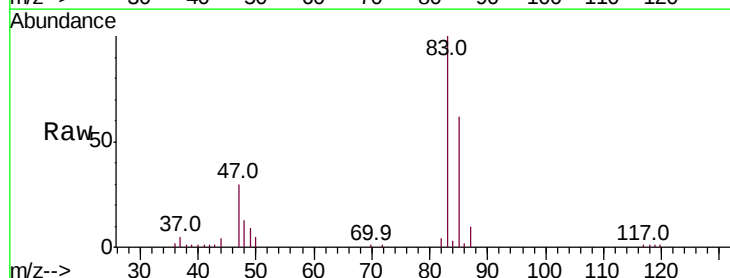
Acq: 13 Sep 2018 11:48

Tgt Ion: 83 Resp: 155921

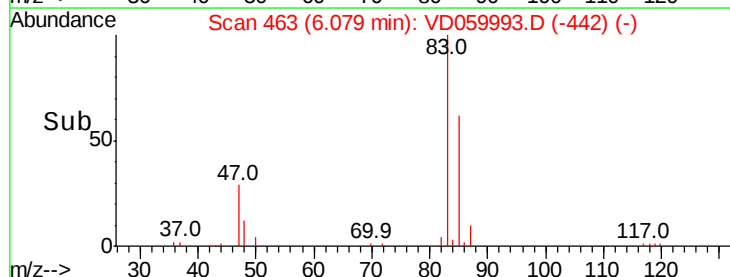
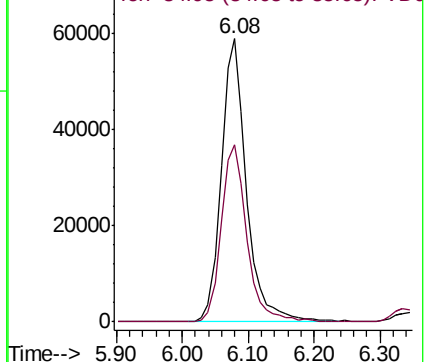
Ion Ratio Lower Upper

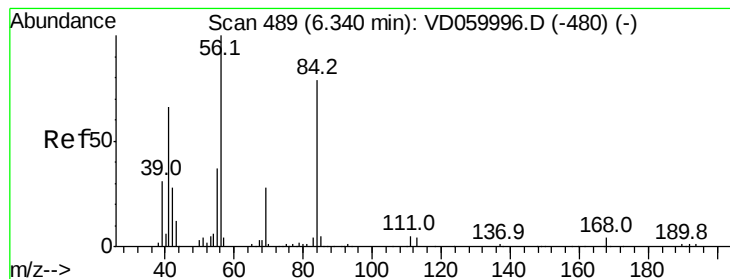
83 100

85 62.5 52.6 78.8



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 6.092 ug/l

RT: 6.34 min Scan# 490

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampled :

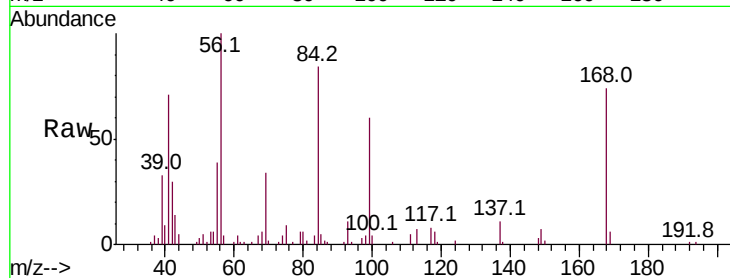
Tot Ion: 56 Resp: 167815

Ion Ratio Lower Upper

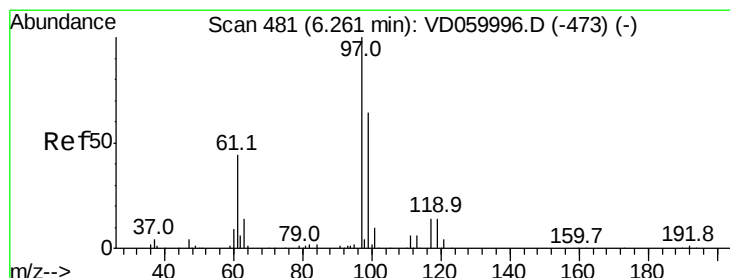
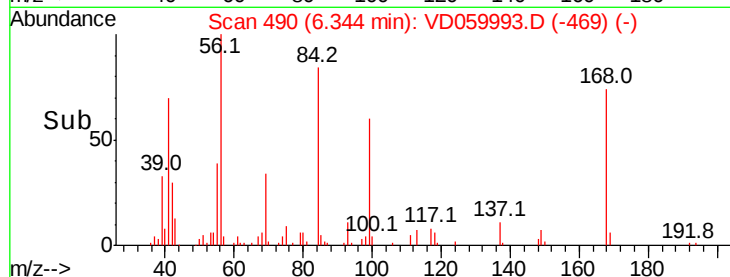
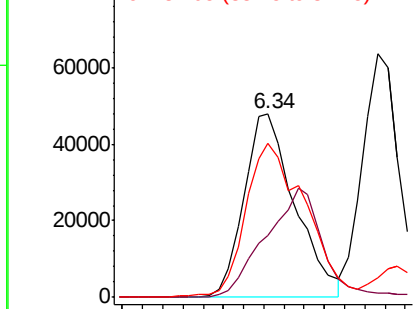
56 100

69 33.7 22.7 34.1

84 83.7 64.0 96.0



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 5.001 ug/l

RT: 6.27 min Scan# 482

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

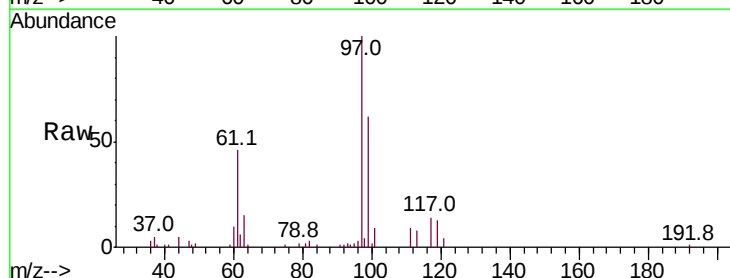
Tgt Ion: 97 Resp: 127140

Ion Ratio Lower Upper

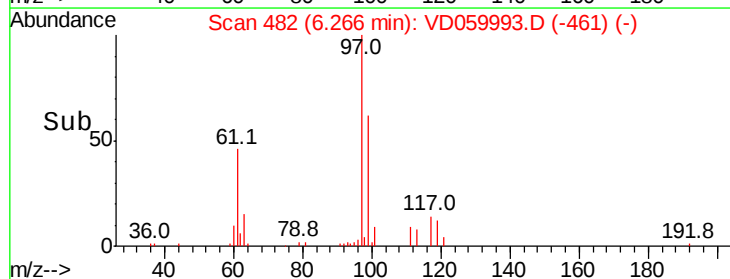
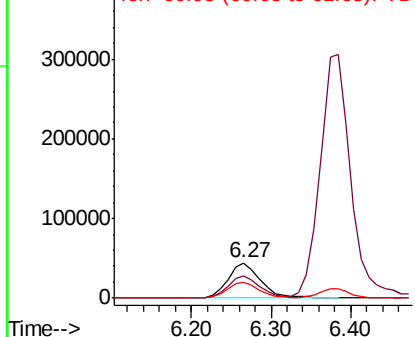
97 100

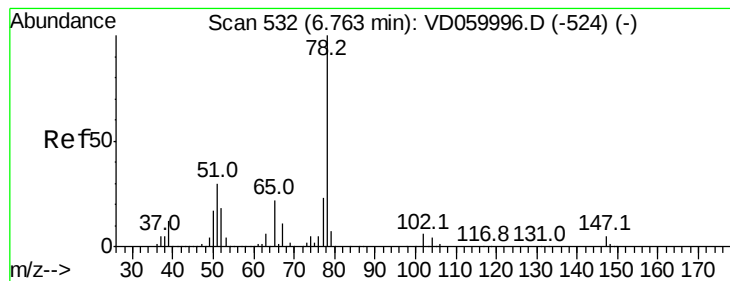
99 61.5 51.3 76.9

61 45.6 35.5 53.3



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 5.001 ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

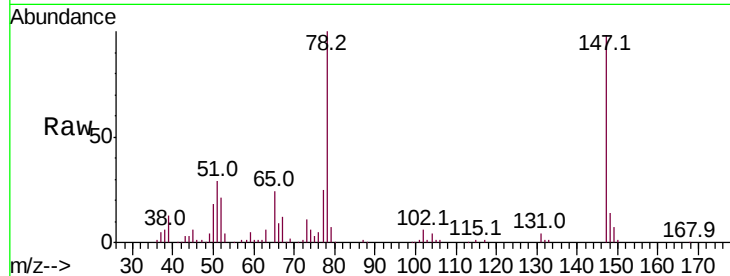
ClientSampleId :

Tot Ion: 65 Resp: 74050

Ion Ratio Lower Upper

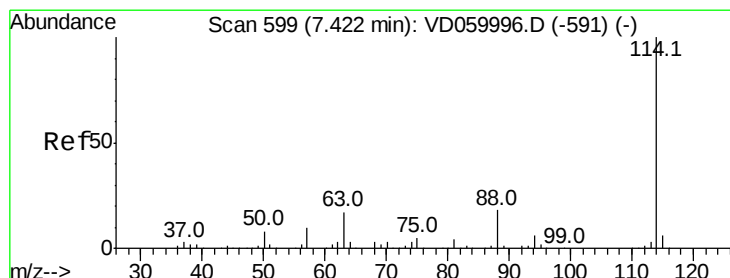
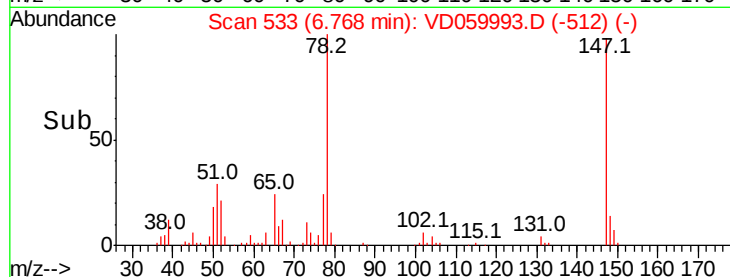
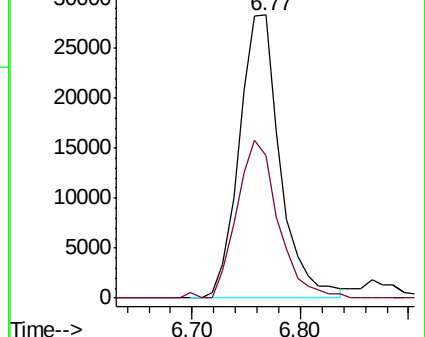
65 100

67 50.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

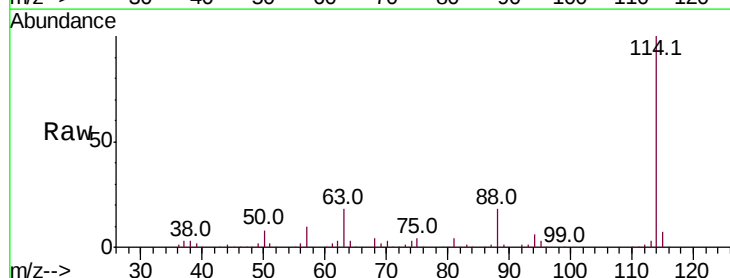
Tgt Ion: 114 Resp: 2263948

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

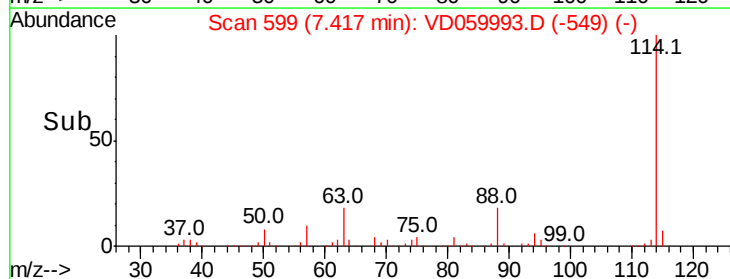
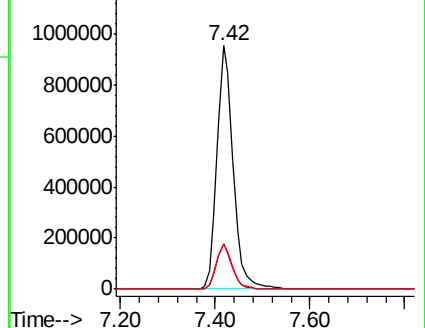
88 18.5 0.0 35.8

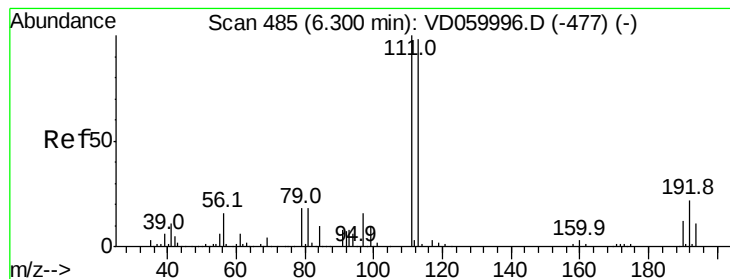


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 485

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampled :

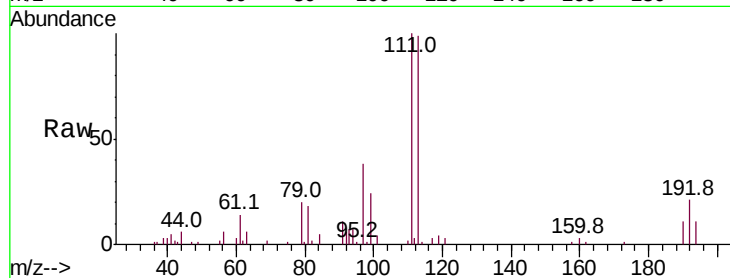
Tot Ion:113 Resp: 96997

Ion Ratio Lower Upper

113 100

111 100.8 81.3 121.9

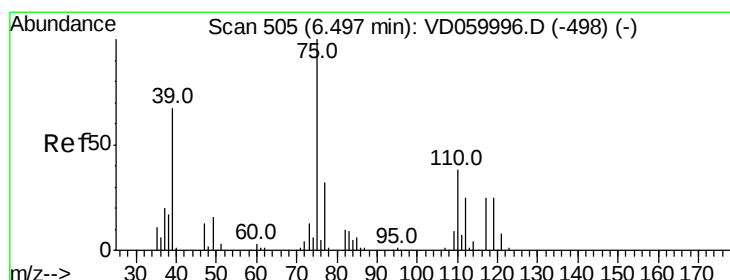
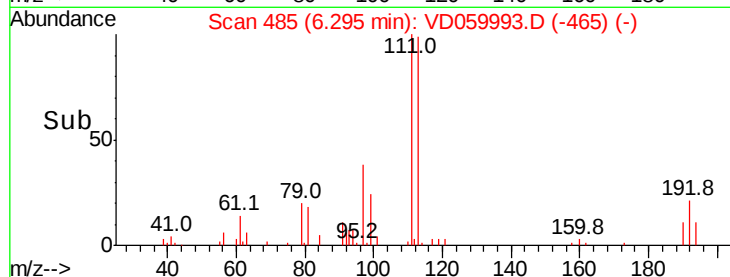
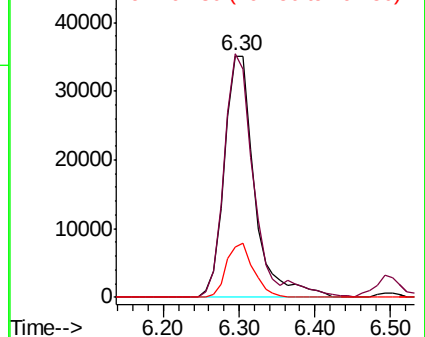
192 20.8 18.1 27.1



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.919 ug/l

RT: 6.50 min Scan# 506

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

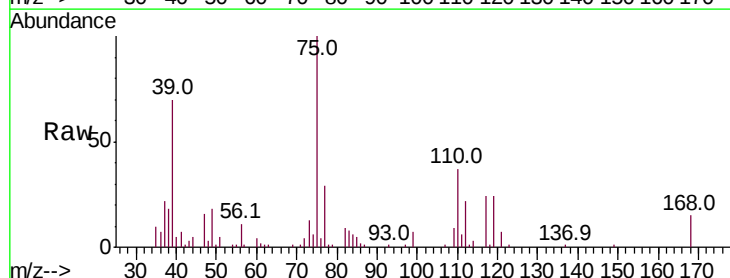
Tgt Ion: 75 Resp: 124327

Ion Ratio Lower Upper

75 100

110 36.5 18.9 56.9

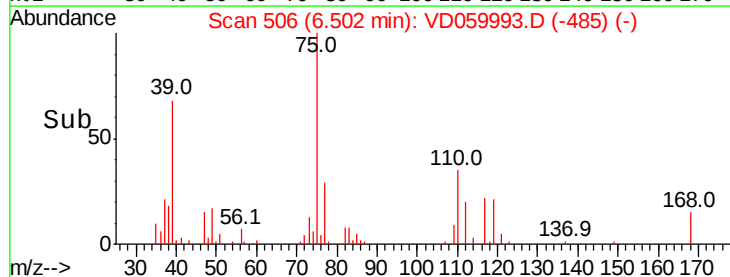
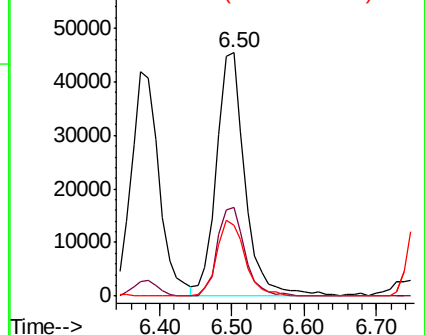
77 28.9 25.3 37.9

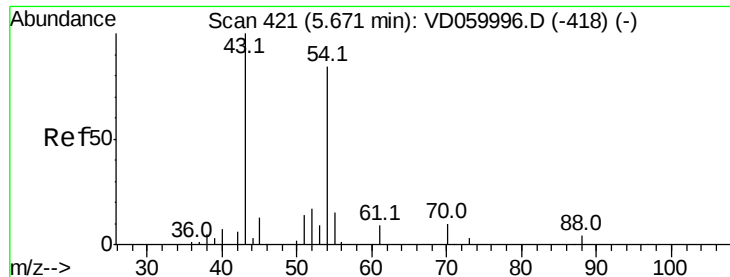


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

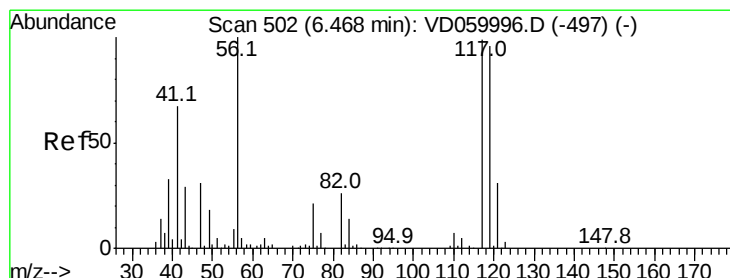
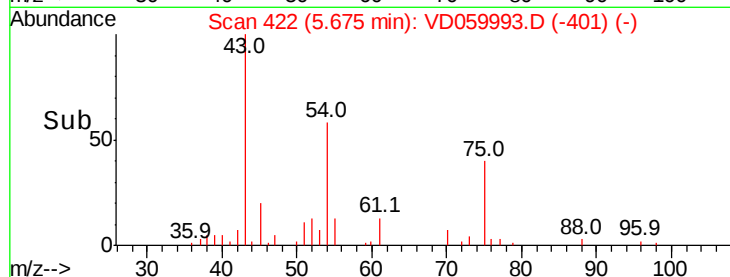
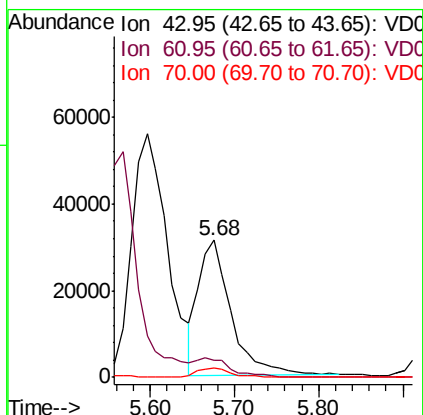
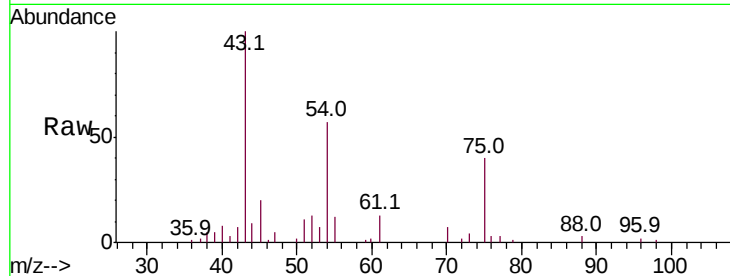




#37
Ethyl Acetate
Concen: 5.263 ug/l
RT: 5.68 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

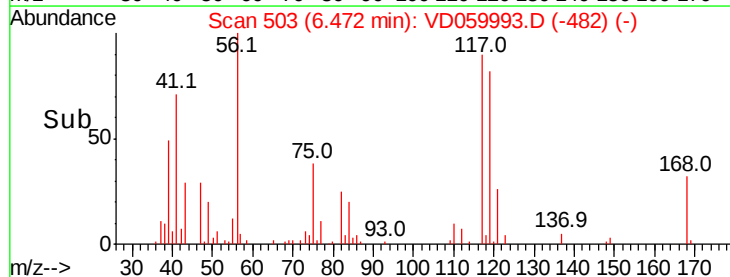
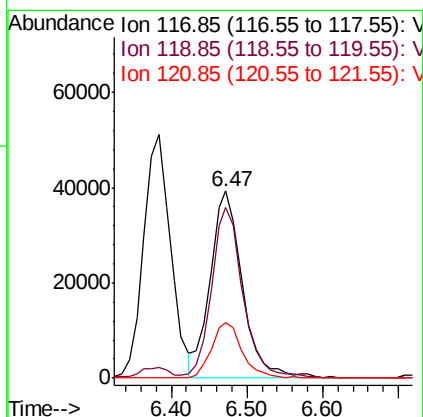
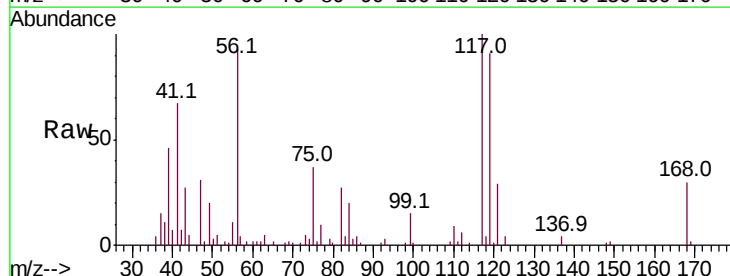
Instrument :
MSVOA_D
ClientSampleId :

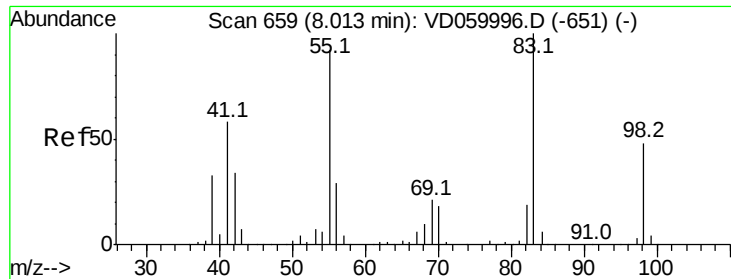
Tot Ion: 43 Resp: 83632
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.2
70 7.3 6.1 9.1



#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 6.47 min Scan# 503
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 117 Resp: 116557
Ion Ratio Lower Upper
117 100
119 91.4 76.7 115.1
121 29.4 24.9 37.3

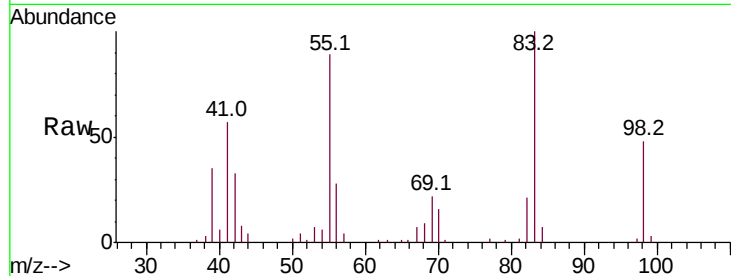




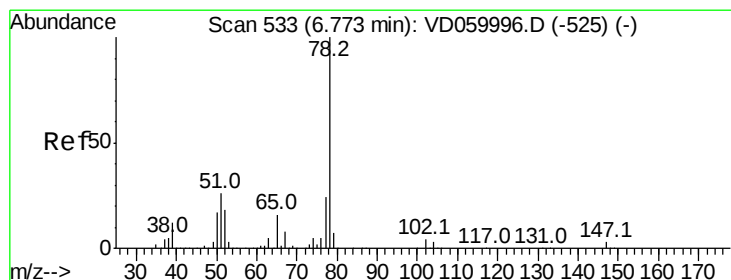
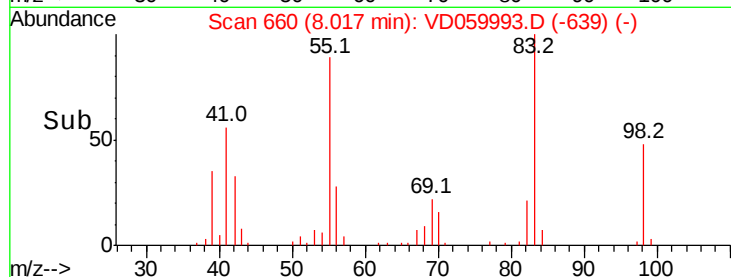
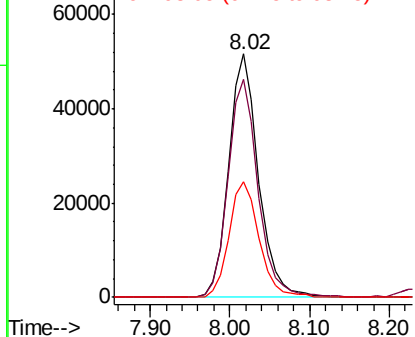
#39
Methylcyclohexane
Concen: 5.878 ug/l
RT: 8.02 min Scan# 660
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 83 Resp: 134601
Ion Ratio Lower Upper
83 100
55 89.4 73.8 110.6
98 47.6 38.1 57.1

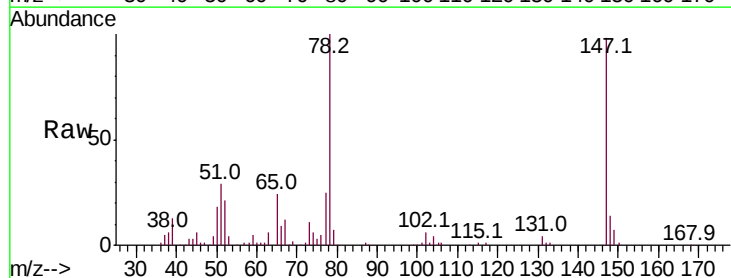


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

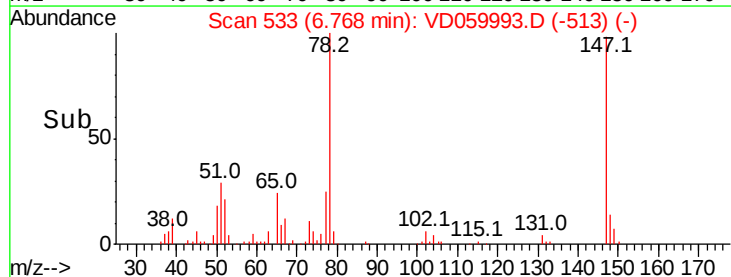
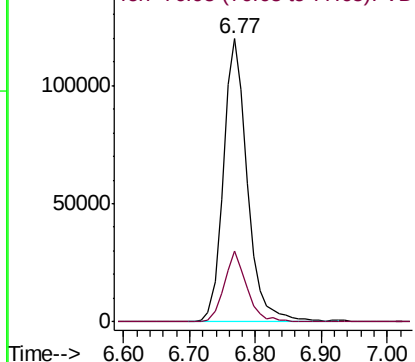


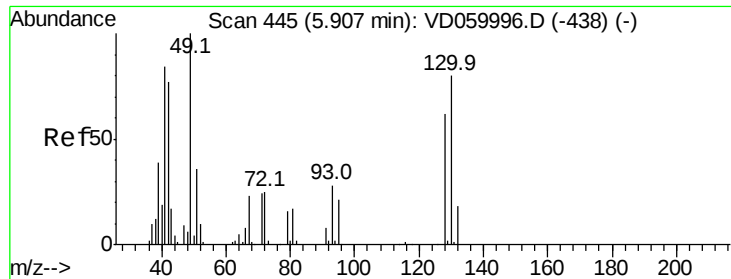
#40
Benzene
Concen: 5.590 ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 78 Resp: 305831
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

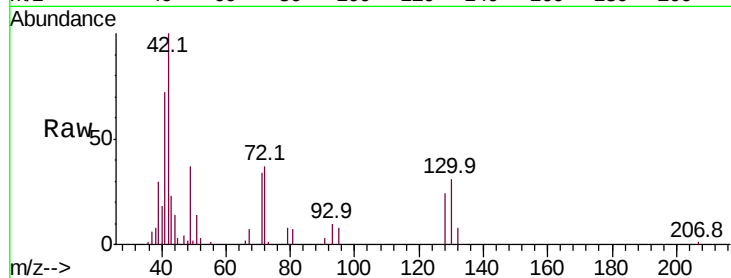




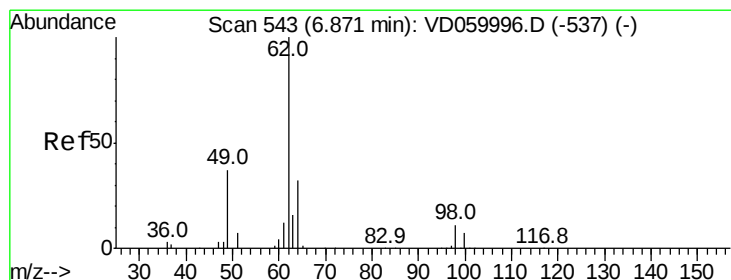
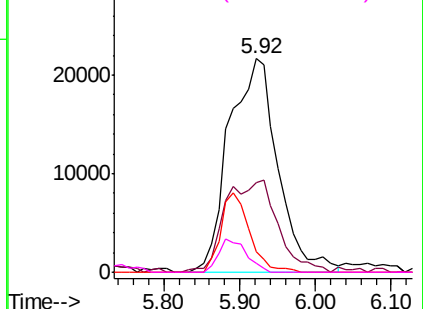
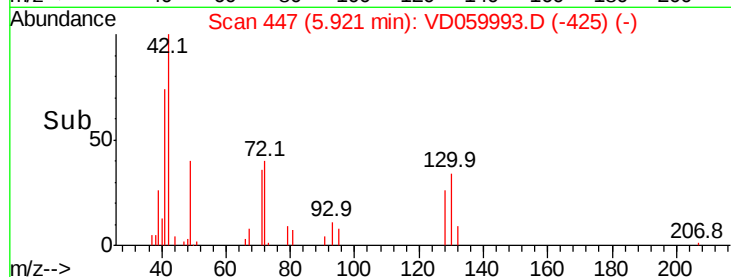
#41
Methacrylonitrile
Concen: 12.049 ug/l
RT: 5.92 min Scan# 447
Delta R.T. 0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 97228
Ion Ratio Lower Upper
41 100
39 41.8 37.5 56.3
67 9.7 21.5 32.3#
52 4.5 9.2 13.8#

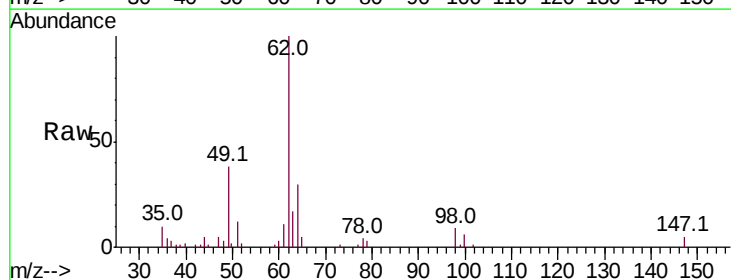


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

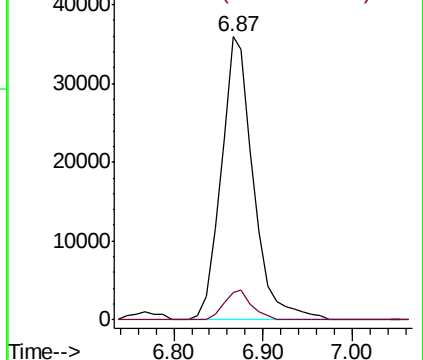
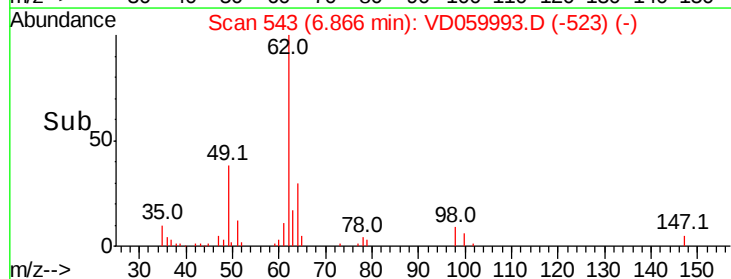


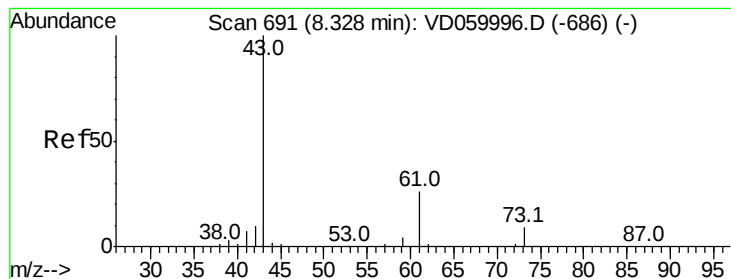
#42
1,2-Dichloroethane
Concen: 5.253 ug/l
RT: 6.87 min Scan# 543
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 62 Resp: 90297
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.4



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 5.215 ug/l

RT: 8.33 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

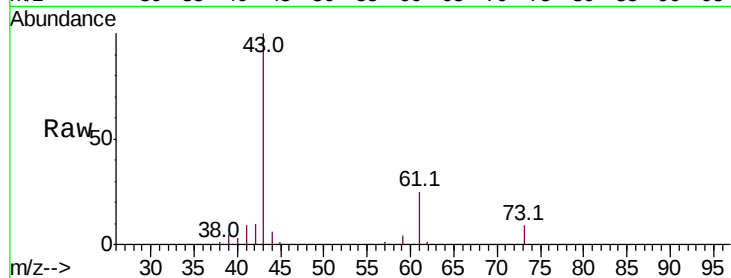
Tot Ion: 43 Resp: 108546

Ion Ratio Lower Upper

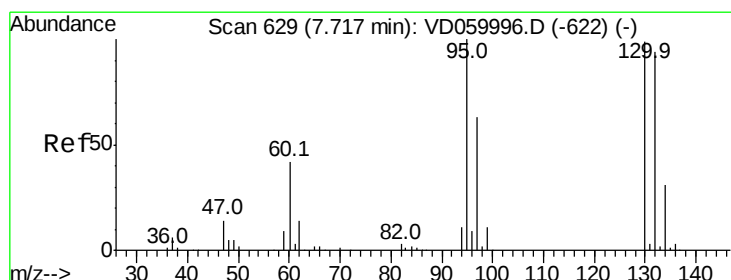
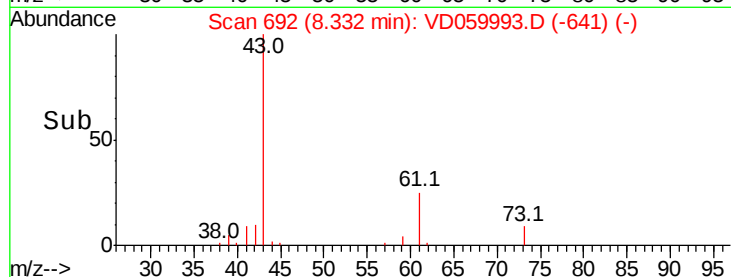
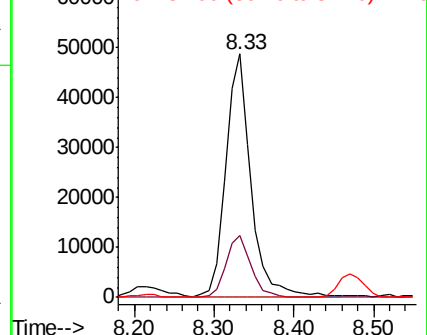
43 100

61 25.3 21.0 31.6

87 0.0 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 5.599 ug/l

RT: 7.71 min Scan# 629

Delta R.T. -0.01 min

Lab File: VD059993.D

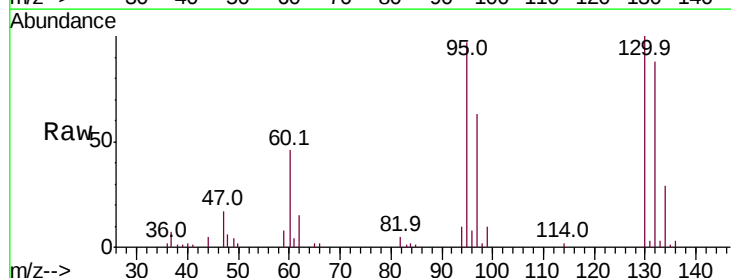
Acq: 13 Sep 2018 11:48

Tgt Ion:130 Resp: 90795

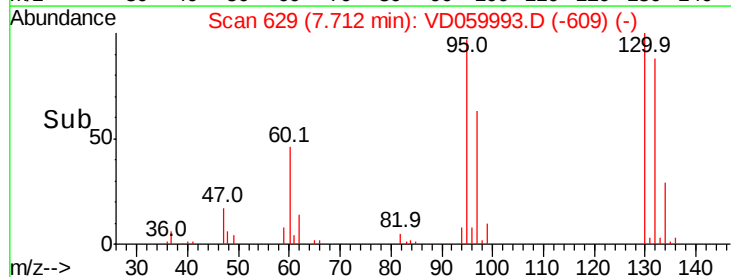
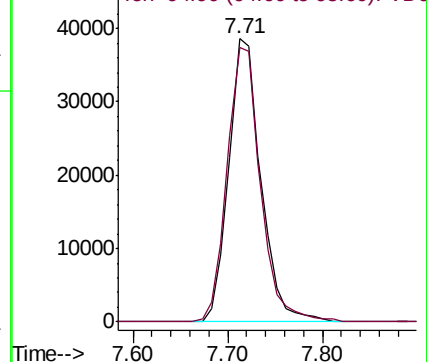
Ion Ratio Lower Upper

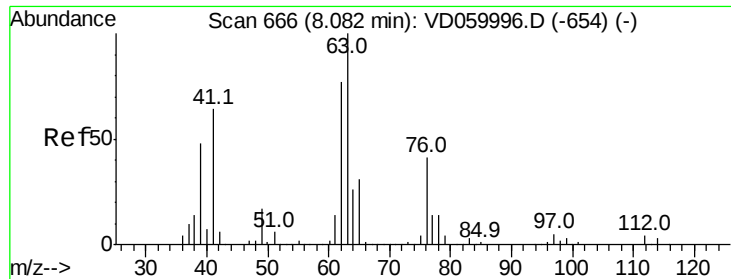
130 100

95 97.1 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.216 ug/l

RT: 8.08 min Scan# 666

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

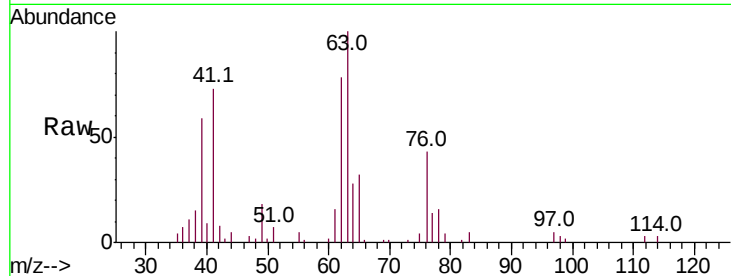
ClientSampleId :

Tot Ion: 63 Resp: 78829

Ion Ratio Lower Upper

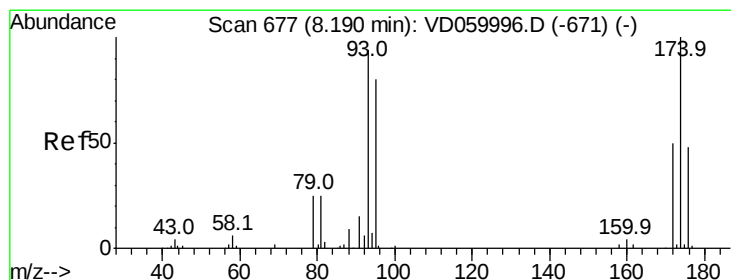
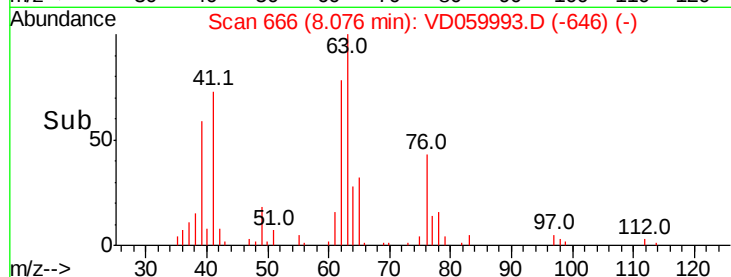
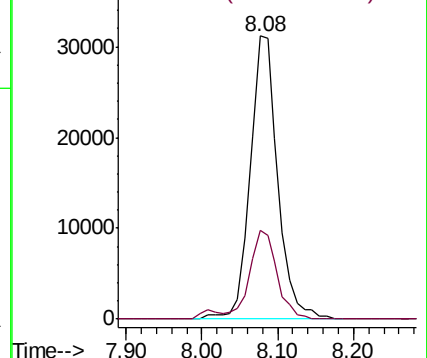
63 100

65 31.6 24.6 37.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 5.186 ug/l

RT: 8.19 min Scan# 678

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

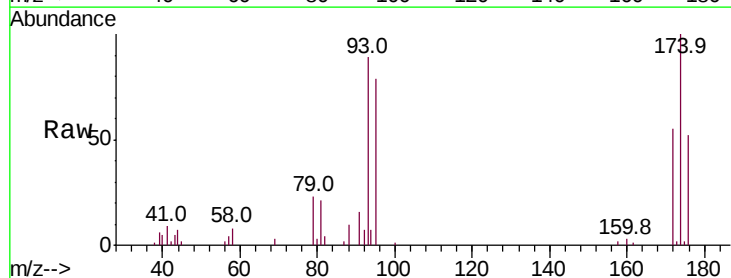
Tgt Ion: 93 Resp: 50447

Ion Ratio Lower Upper

93 100

95 89.1 68.0 102.0

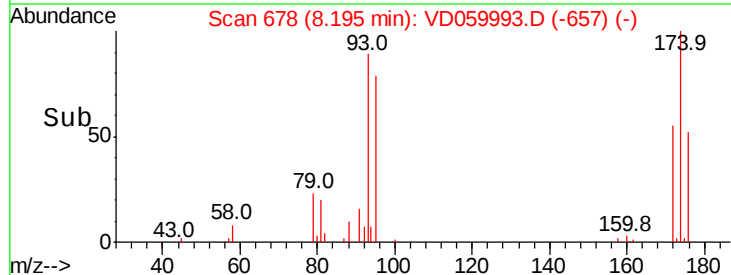
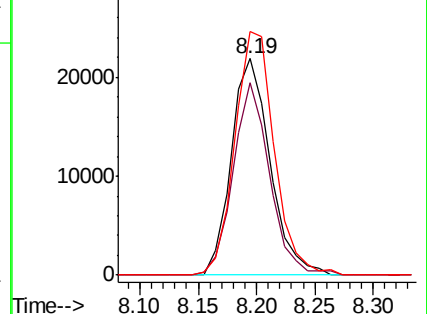
174 112.5 85.4 128.2

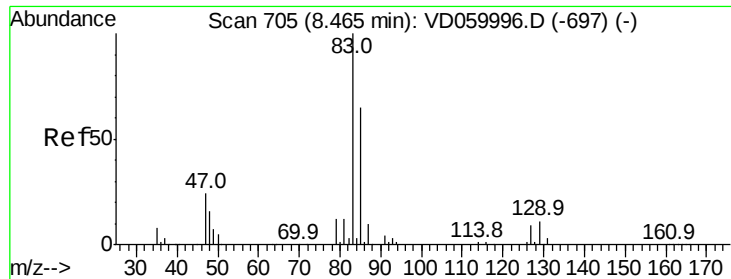


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 5.023 ug/l

RT: 8.47 min Scan# 706

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

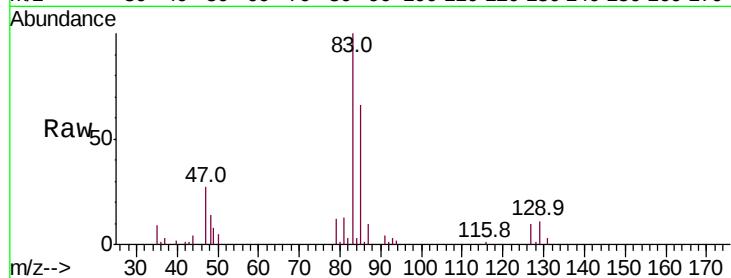
Tot Ion: 83 Resp: 109634

Ion Ratio Lower Upper

83 100

85 66.1 51.9 77.9

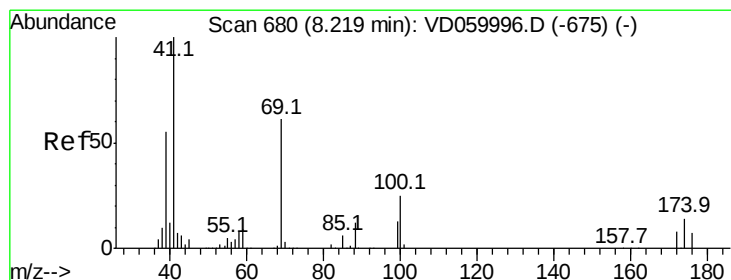
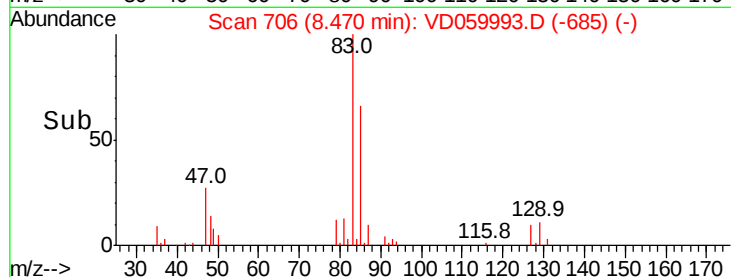
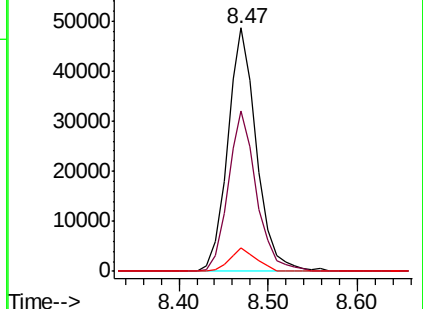
127 9.6 6.8 10.2



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 4.847 ug/l

RT: 8.22 min Scan# 681

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

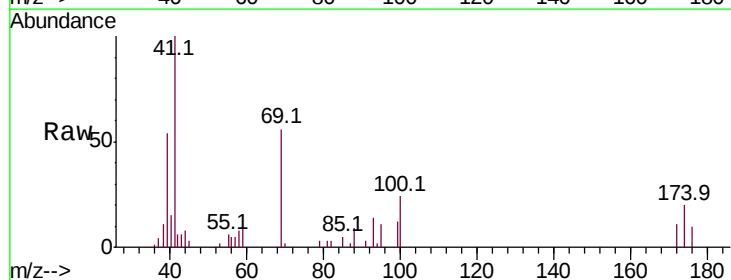
Tgt Ion: 41 Resp: 58713

Ion Ratio Lower Upper

41 100

69 55.8 48.3 72.5

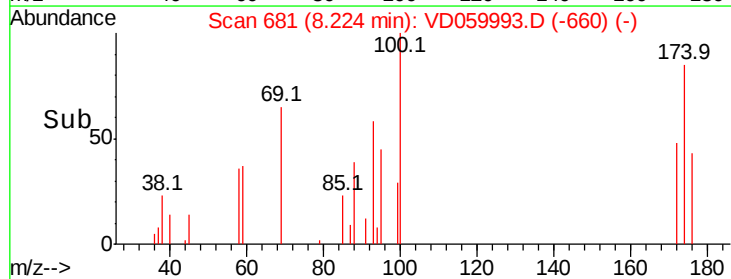
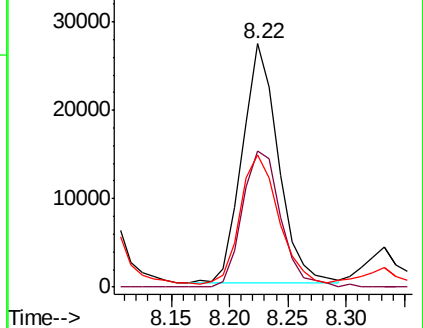
39 54.3 44.1 66.1

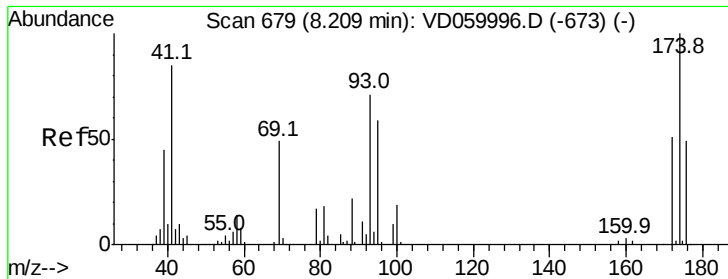


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

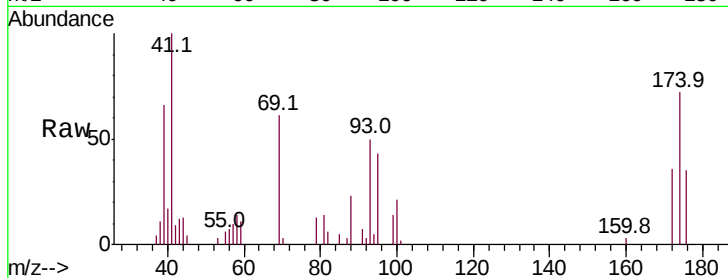




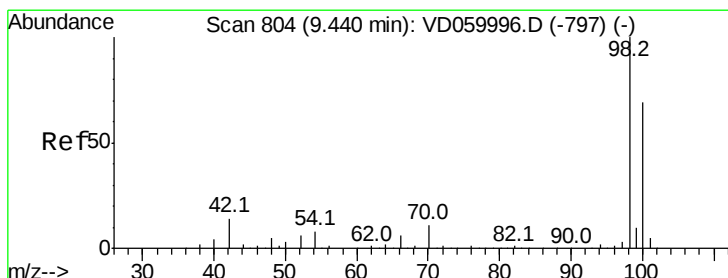
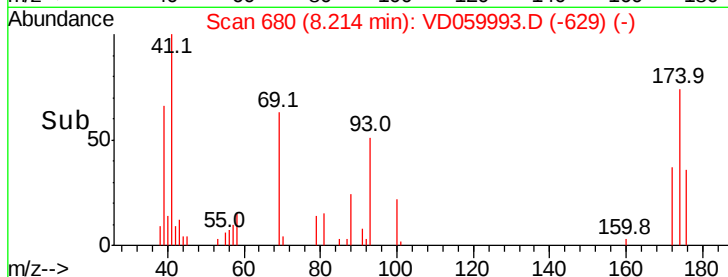
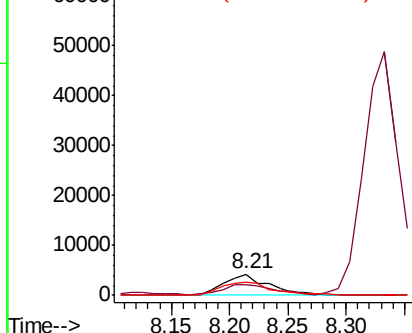
#49
 1,4-Dioxane
 Concen: 102.361 ug/l
 RT: 8.21 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion: 88 Resp: 11234
 Ion Ratio Lower Upper
 88 100
 43 51.3 36.2 54.2
 58 62.0 51.0 76.6

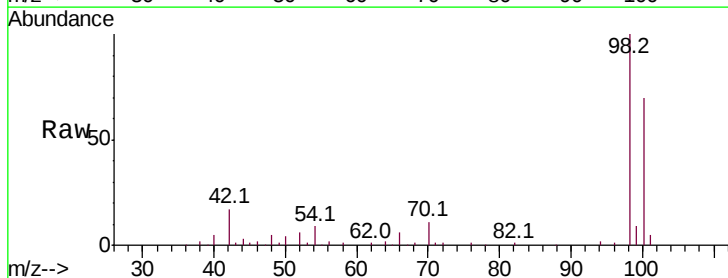


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

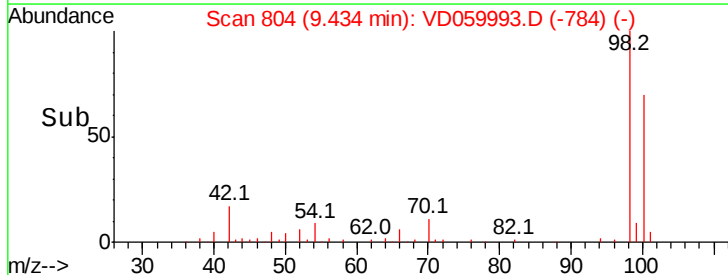
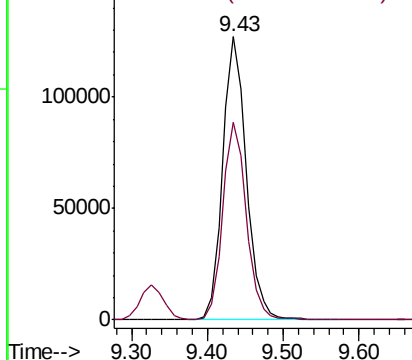


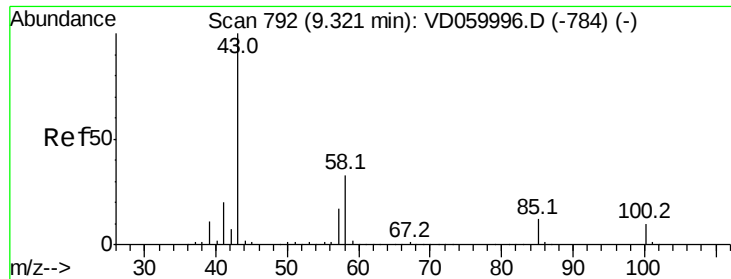
#50
 Toluene-d8
 Concen: 102.361 ug/l
 RT: 9.43 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion: 98 Resp: 275024
 Ion Ratio Lower Upper
 98 100
 100 69.6 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 24.239 ug/l

RT: 9.33 min Scan# 793

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

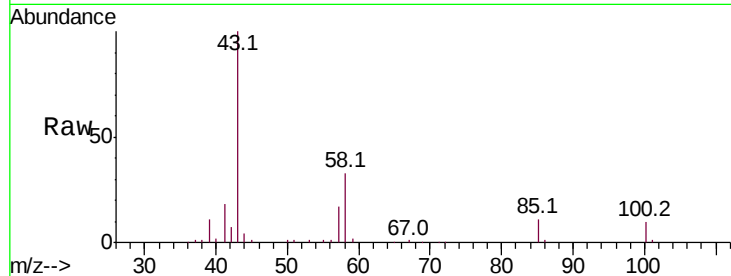
ClientSampleId :

Tot Ion: 43 Resp: 359663

Ion Ratio Lower Upper

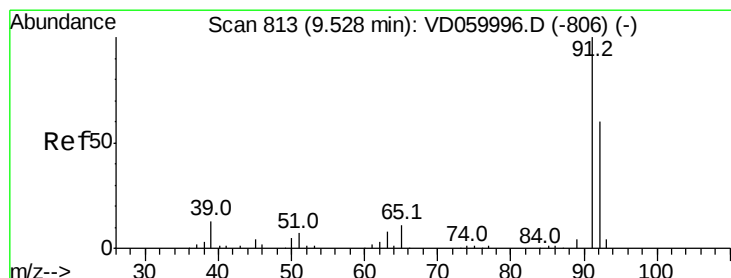
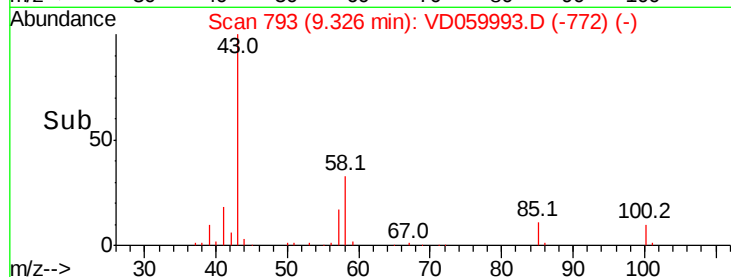
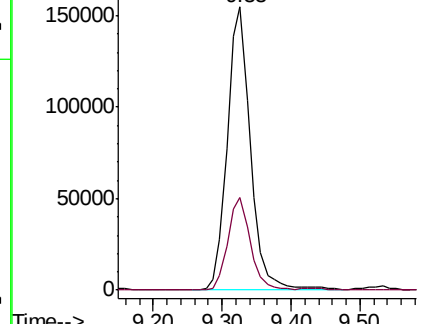
43 100

58 32.7 26.4 39.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 5.507 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.01 min

Lab File: VD059993.D

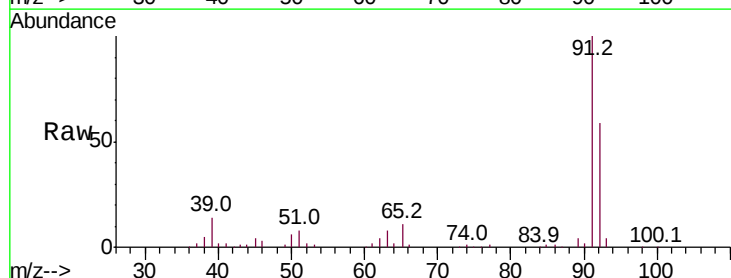
Acq: 13 Sep 2018 11:48

Tgt Ion: 92 Resp: 192787

Ion Ratio Lower Upper

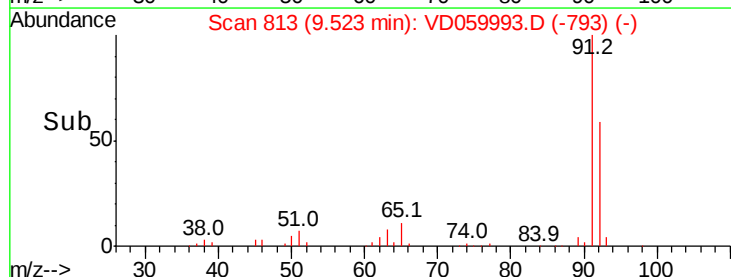
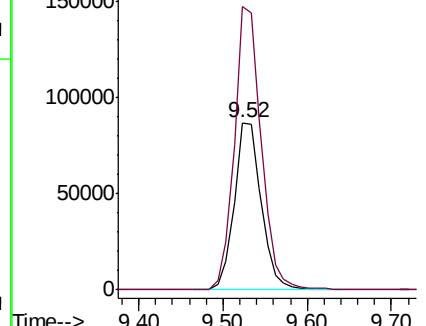
92 100

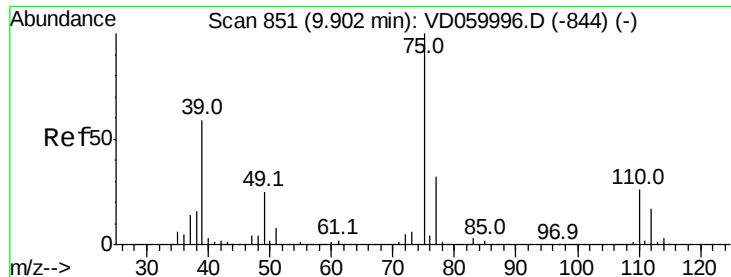
91 169.1 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 5.230 ug/l

RT: 9.90 min Scan# 851

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

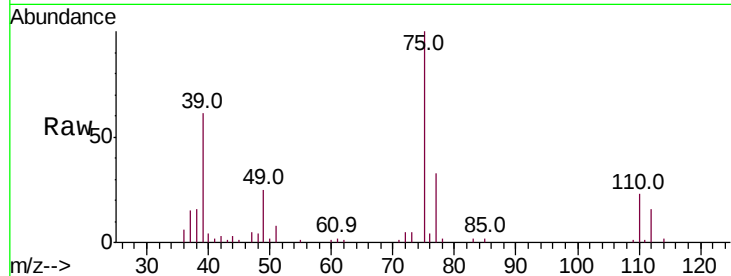
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 105304

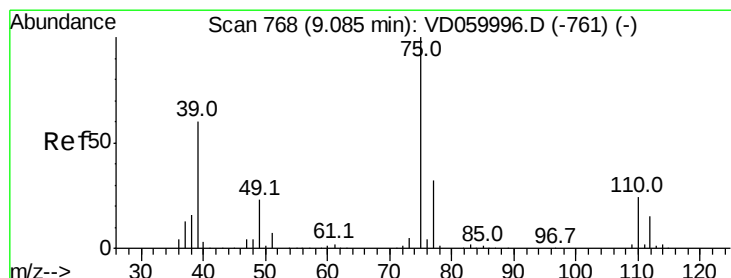
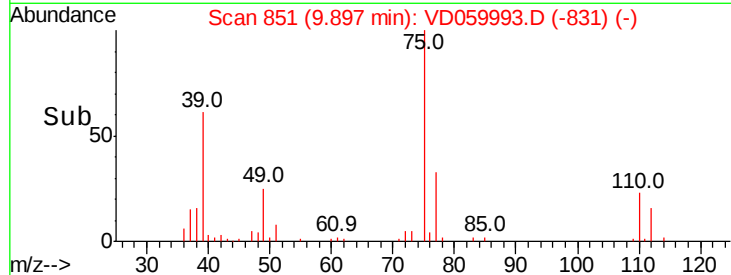
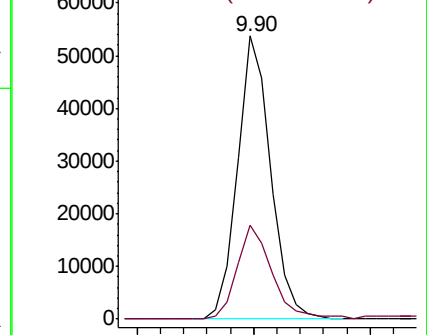
Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 5.171 ug/l

RT: 9.08 min Scan# 768

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

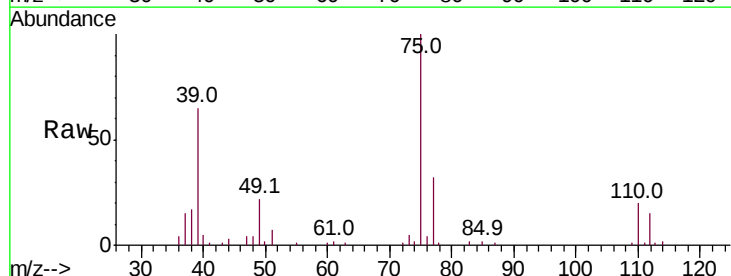
Tgt Ion: 75 Resp: 122233

Ion Ratio Lower Upper

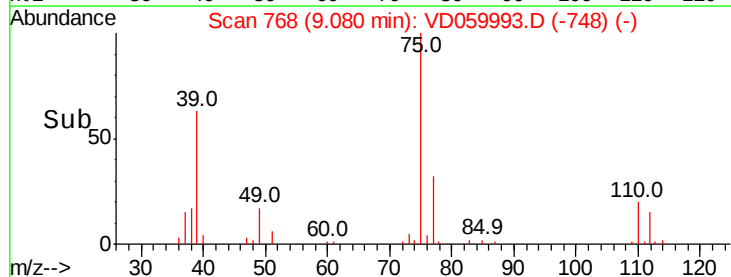
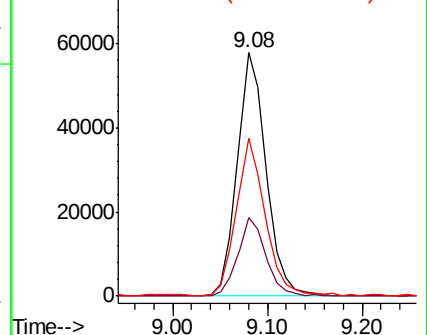
75 100

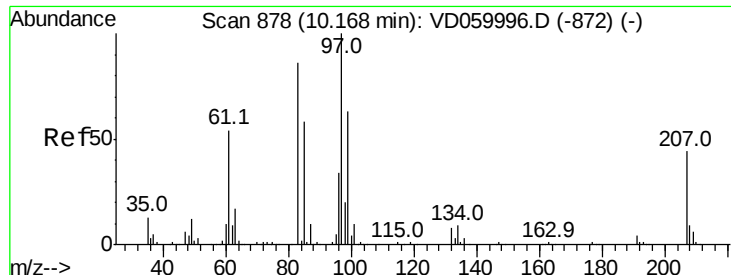
77 32.4 25.5 38.3

39 64.6 48.0 72.0



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC
Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 5.797 ug/l

RT: 10.16 min Scan# 878

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

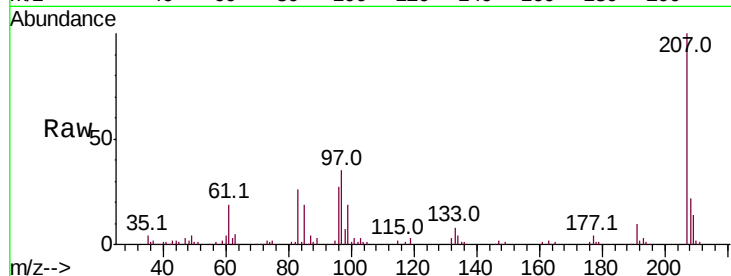
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 73155

Ion	Ratio	Lower	Upper
97	100		
83	74.3	69.1	103.7
85	52.3	46.2	69.4
99	54.8	50.6	75.8

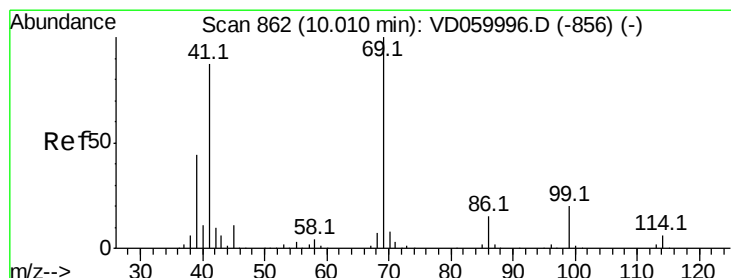
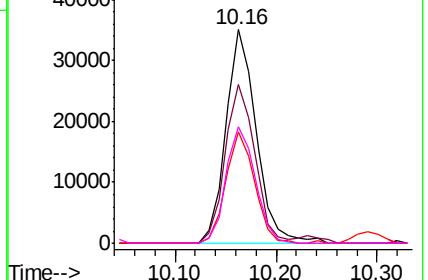
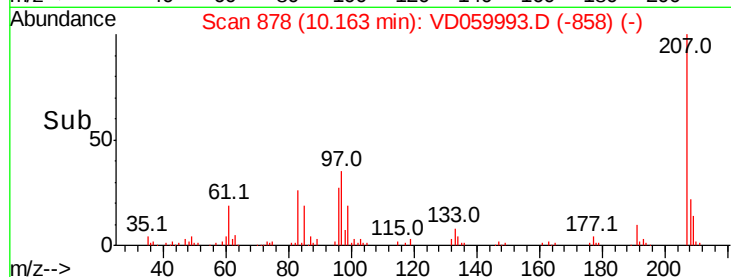


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 4.831 ug/l

RT: 10.02 min Scan# 863

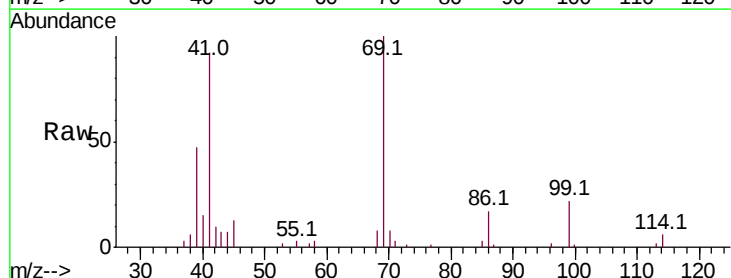
Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Tgt Ion: 69 Resp: 69827

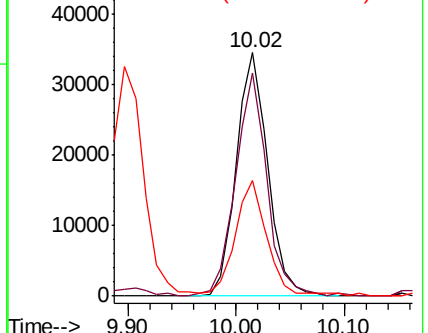
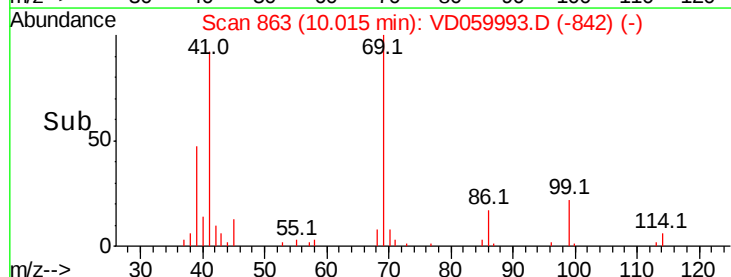
Ion	Ratio	Lower	Upper
69	100		
41	91.6	70.1	105.1
39	47.4	36.5	54.7

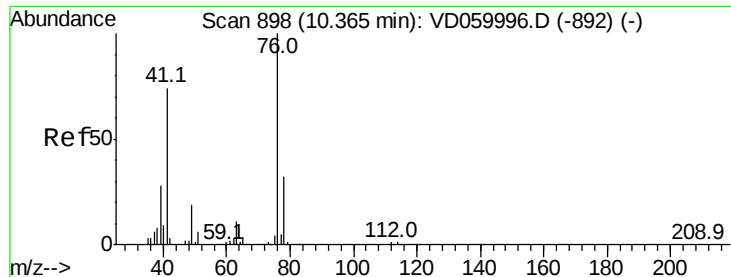


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 5.330 ug/l

RT: 10.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

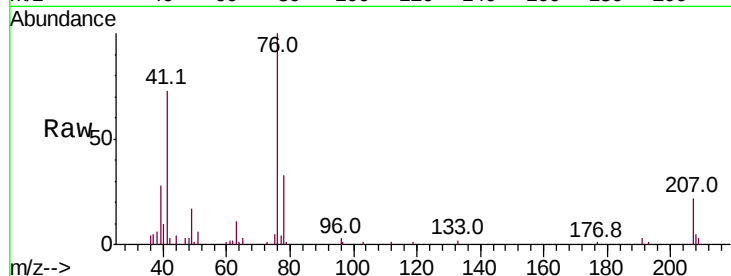
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 76 Resp: 97475

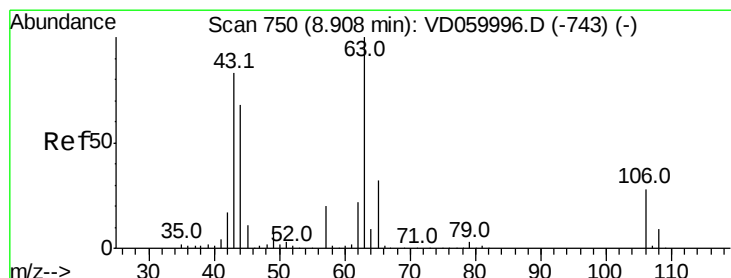
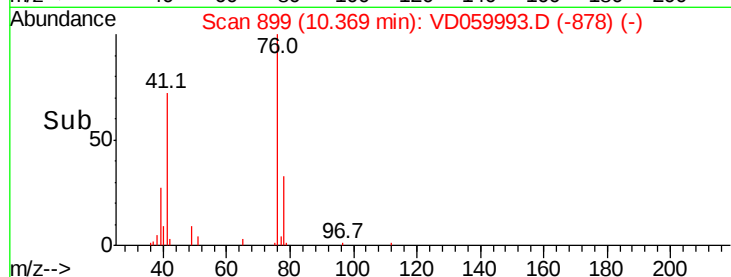
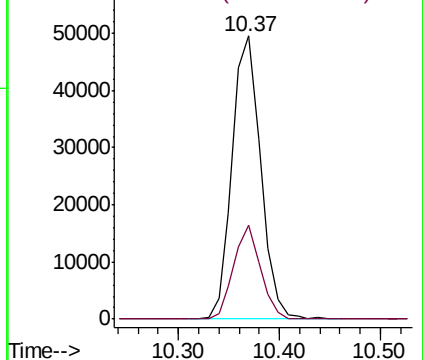
Ion Ratio Lower Upper

76 100

78 33.4 25.3 37.9



Abundance Ion 75.95 (75.65 to 76.65): VDC
Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 26.927 ug/l

RT: 8.90 min Scan# 750

Delta R.T. -0.01 min

Lab File: VD059993.D

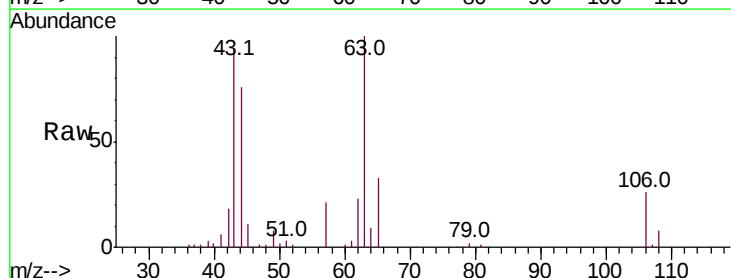
Acq: 13 Sep 2018 11:48

Tgt Ion: 63 Resp: 186450

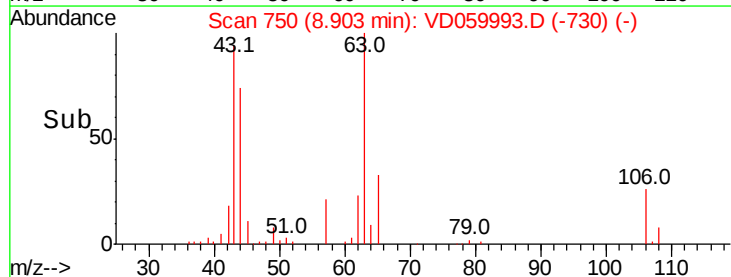
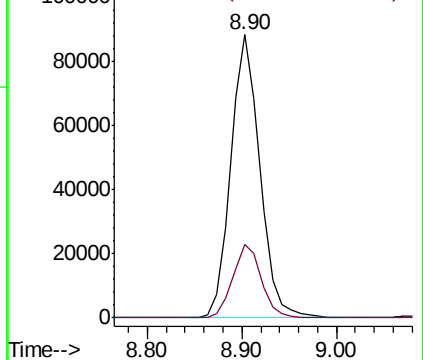
Ion Ratio Lower Upper

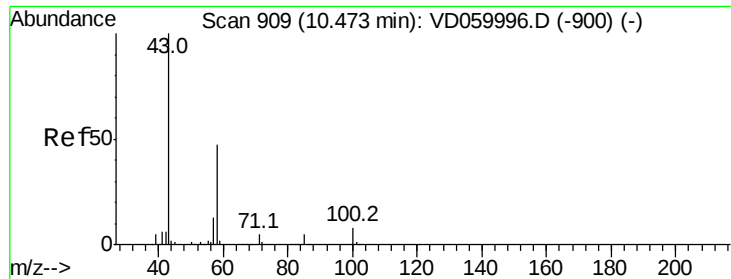
63 100

106 26.1 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 105.95 (105.65 to 106.65): V

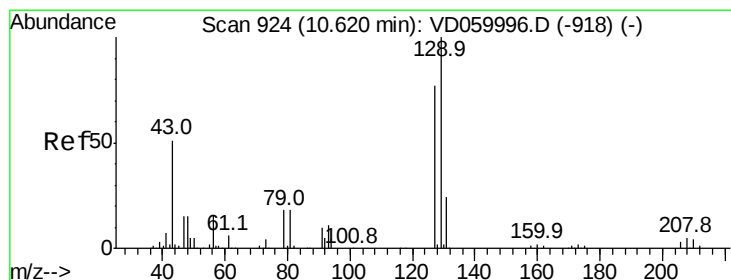
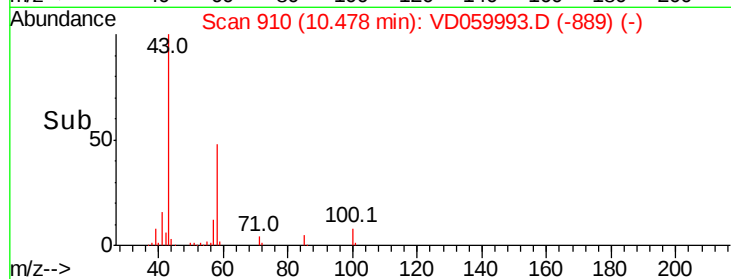
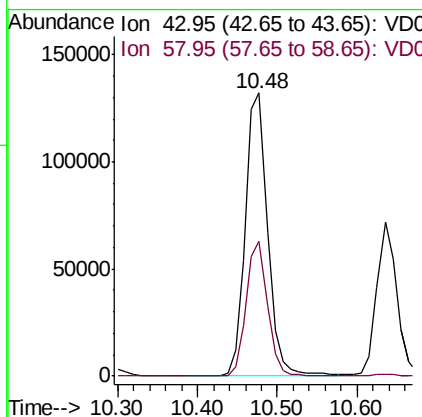
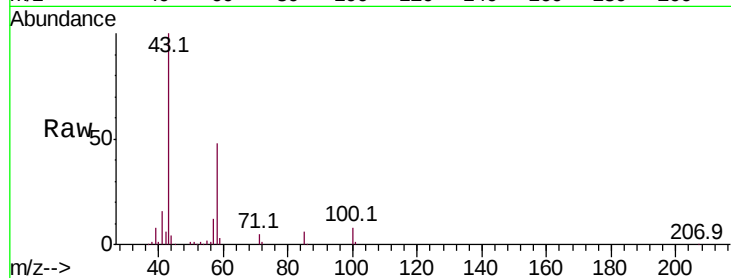




#59
2-Hexanone
Concen: 23.257 ug/l
RT: 10.48 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

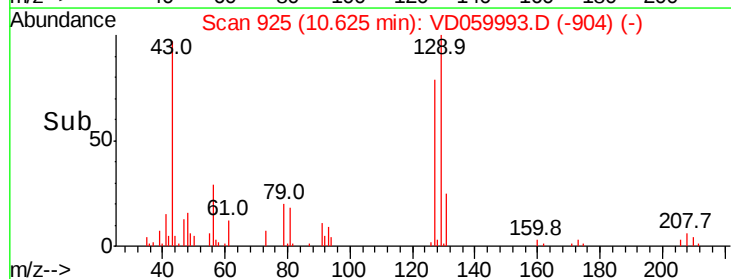
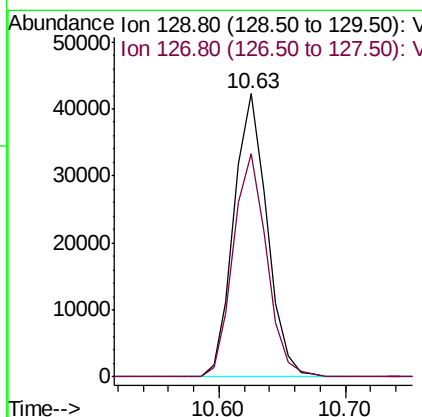
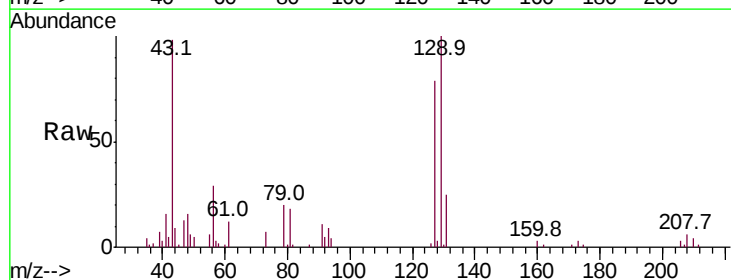
Instrument :
MSVOA_D
ClientSampleId :

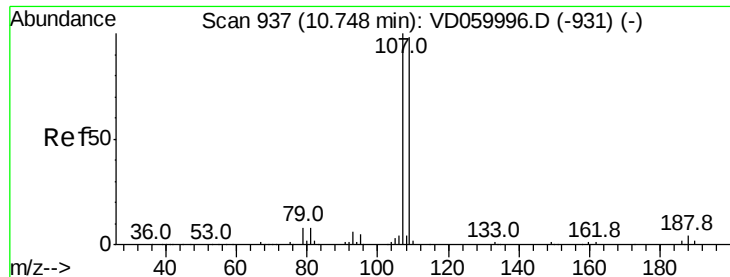
Tot Ion: 43 Resp: 254497
Ion Ratio Lower Upper
43 100
58 47.6 23.4 70.0



#60
Dibromochloromethane
Concen: 4.841 ug/l
RT: 10.63 min Scan# 925
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 129 Resp: 76652
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

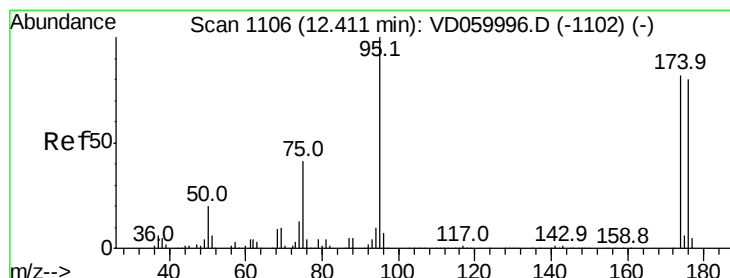
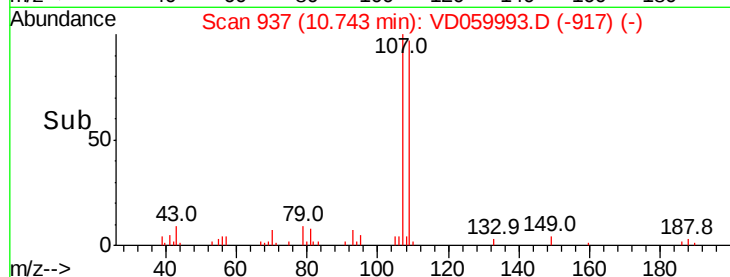
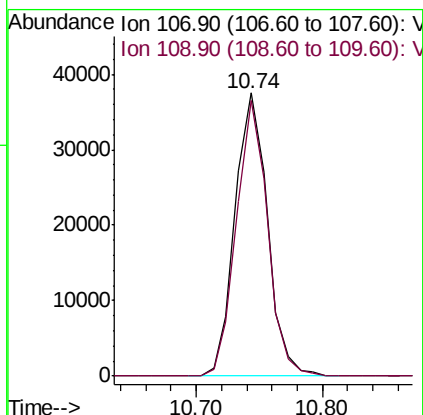
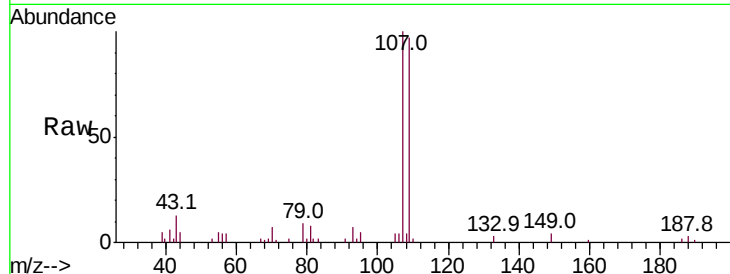




#61
 1,2-Dibromoethane
 Concen: 5.238 ug/l
 RT: 10.74 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

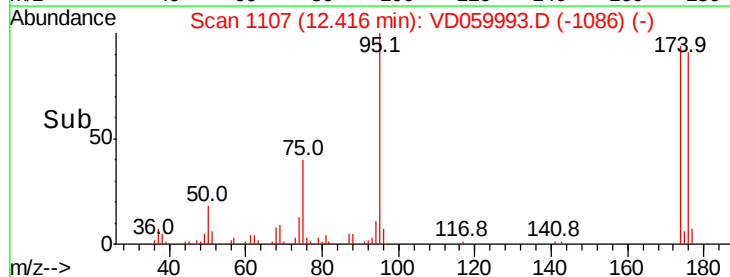
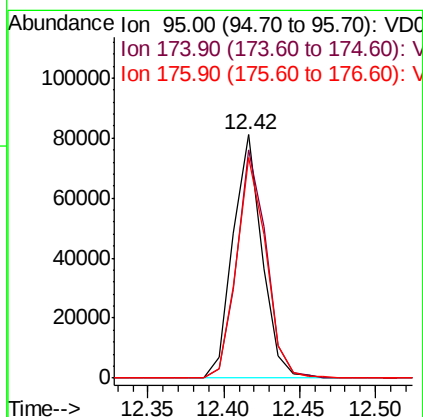
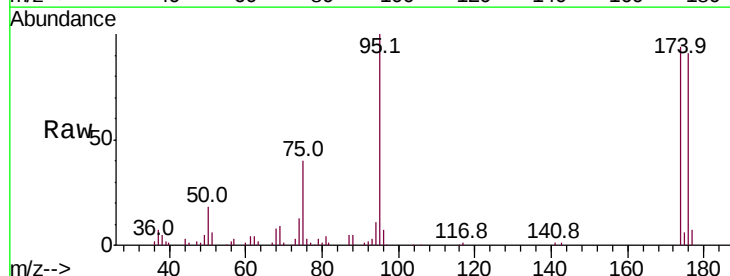
Instrument :
 MSVOA_D
 ClientSampleId :

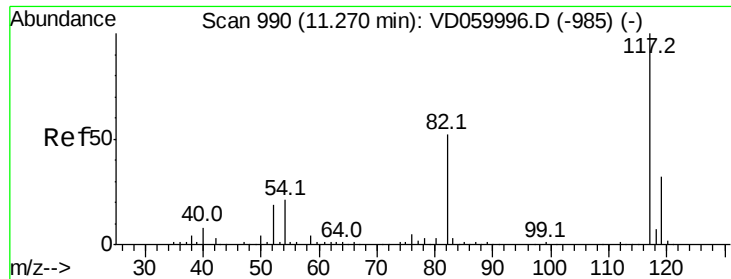
Tot Ion:107 Resp: 66787
 Ion Ratio Lower Upper
 107 100
 109 97.3 78.2 117.2



#62
 4-Bromofluorobenzene
 Concen: 5.238 ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion: 95 Resp: 107720
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 165.0
 176 90.7 0.0 160.2

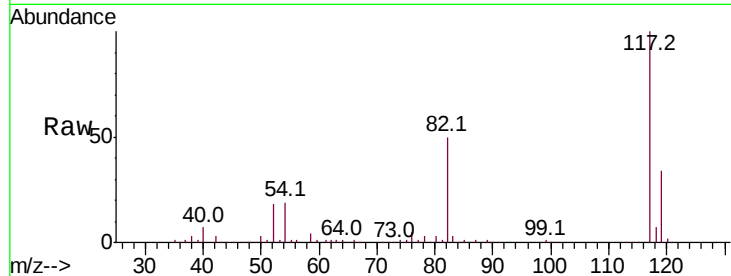




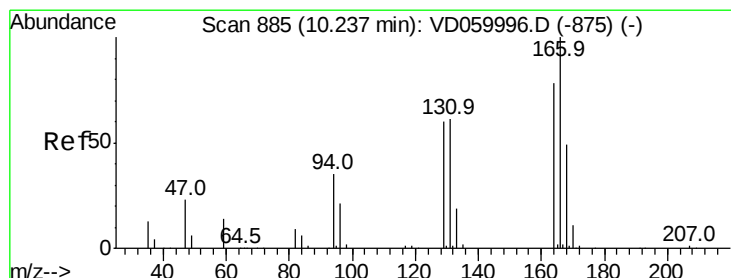
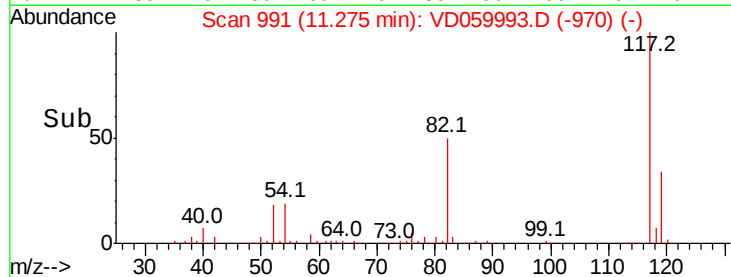
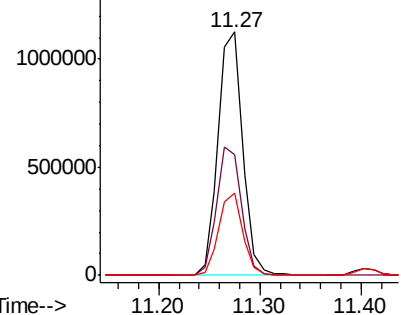
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1905977
Ion Ratio Lower Upper
117 100
82 49.7 41.7 62.5
119 33.6 26.0 39.0

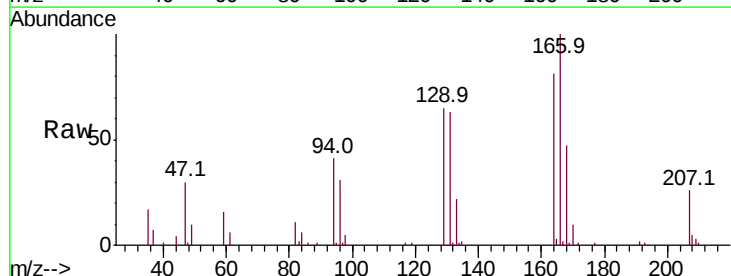


Abundance Ion 116.95 (116.65 to 117.65): V
1500000 Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

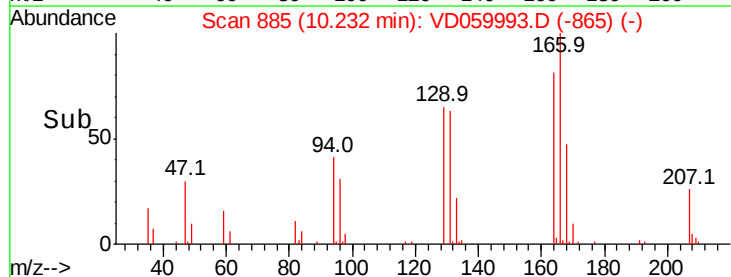
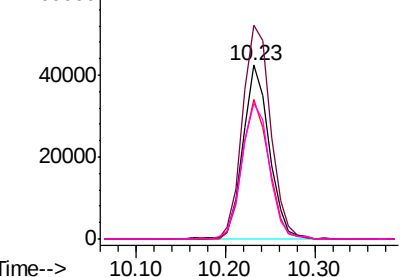


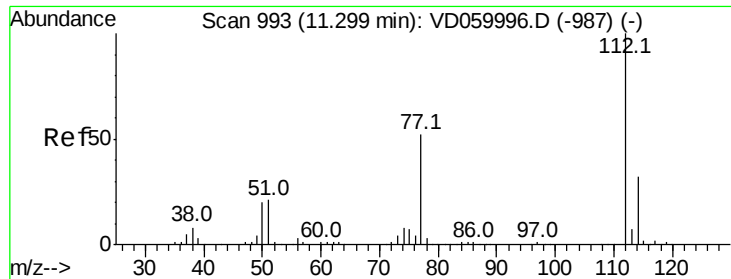
#64
Tetrachloroethene
Concen: 5.625 ug/l
RT: 10.23 min Scan# 885
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion:164 Resp: 86017
Ion Ratio Lower Upper
164 100
166 123.0 103.0 154.6
129 80.2 61.9 92.9
131 78.0 62.6 93.8



Abundance Ion 163.85 (163.55 to 164.55): V
80000 Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

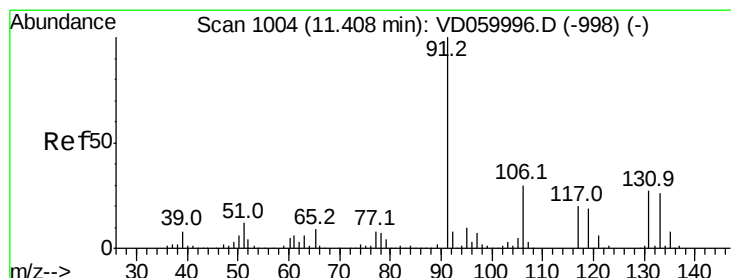
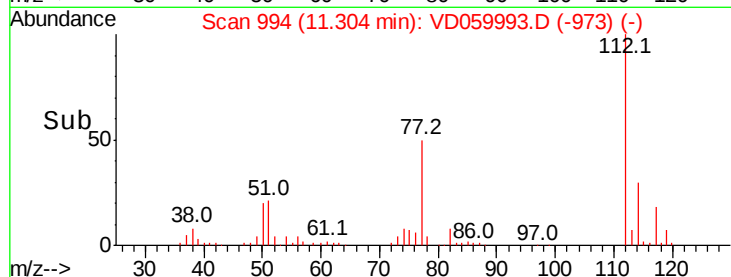
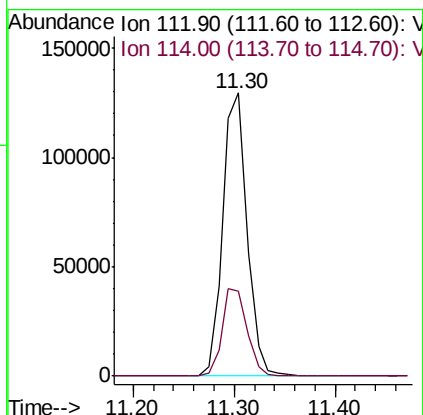
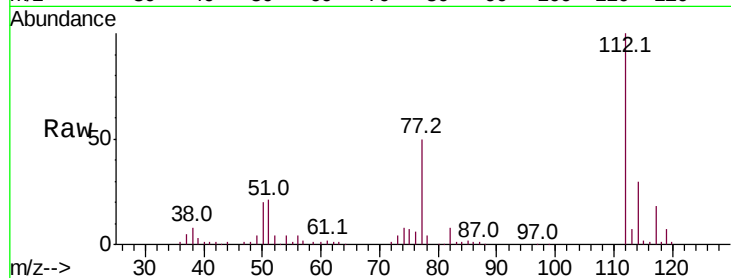




#65
Chlorobenzene
Concen: 5.599 ug/l
RT: 11.30 min Scan# 994
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

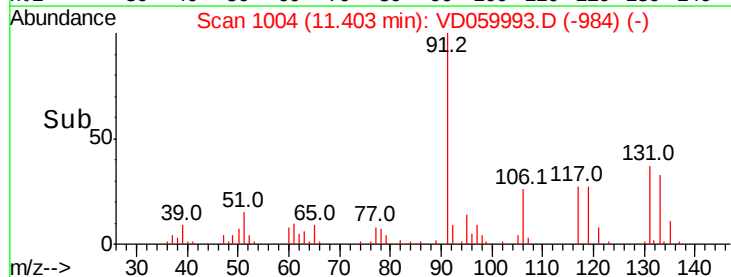
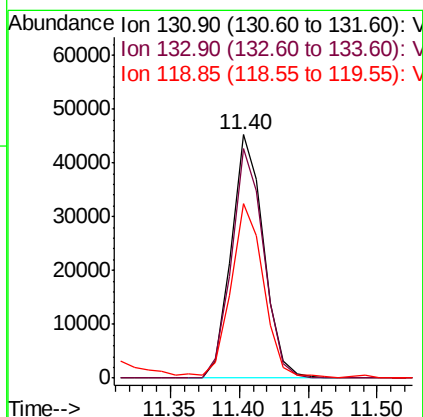
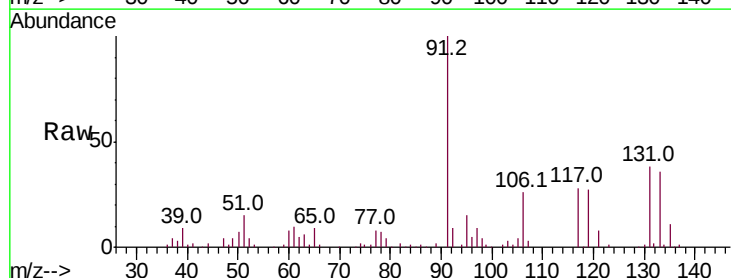
Instrument :
MSVOA_D
ClientSampled :

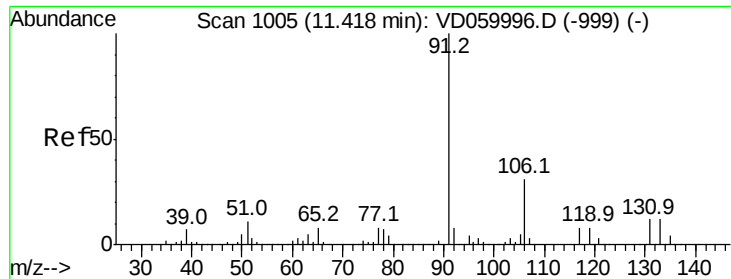
Tot Ion:112 Resp: 217644
Ion Ratio Lower Upper
112 100
114 30.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.266 ug/l
RT: 11.40 min Scan# 1004
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion:131 Resp: 73780
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.3
119 71.9 35.6 106.9

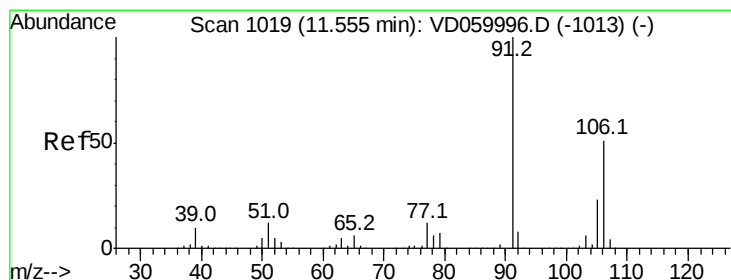
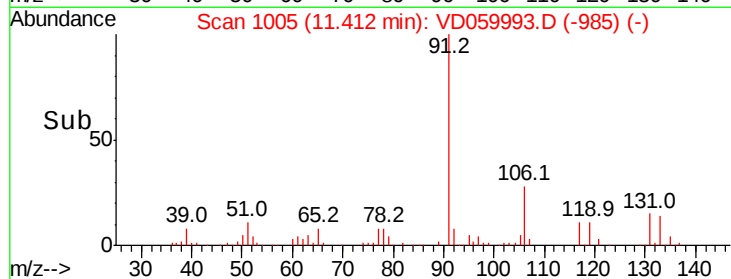
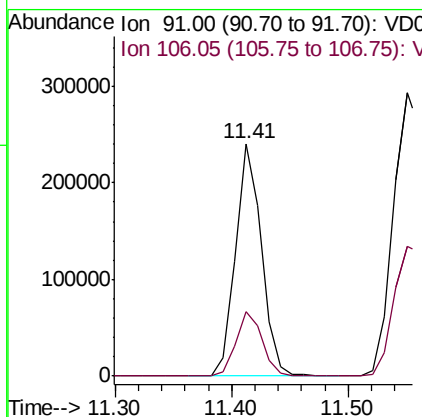
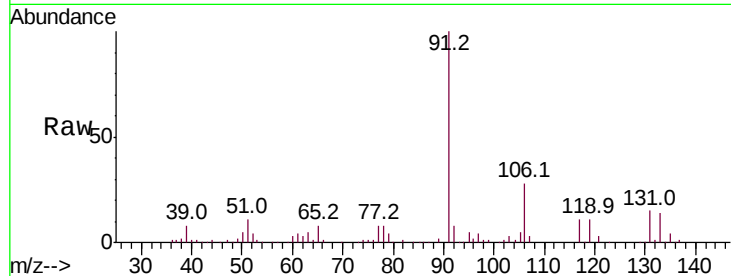




#67
Ethyl Benzene
Concen: 5.695 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

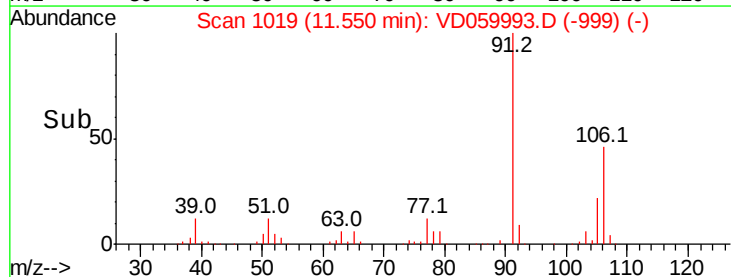
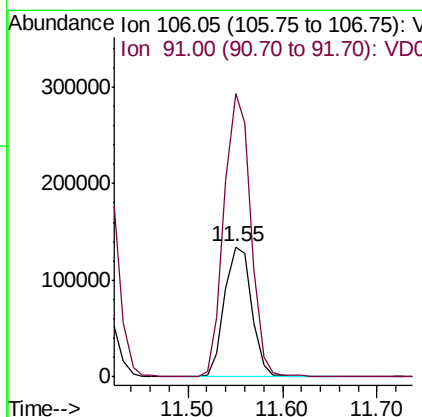
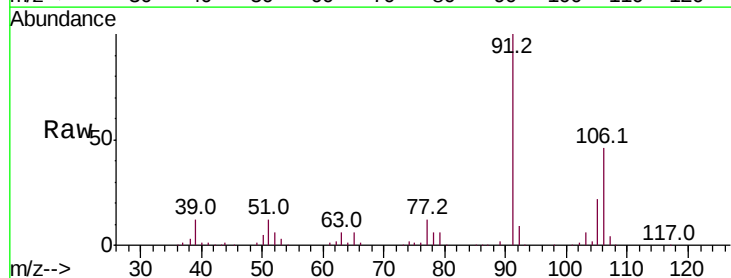
Instrument :
MSVOA_D
ClientSampled :

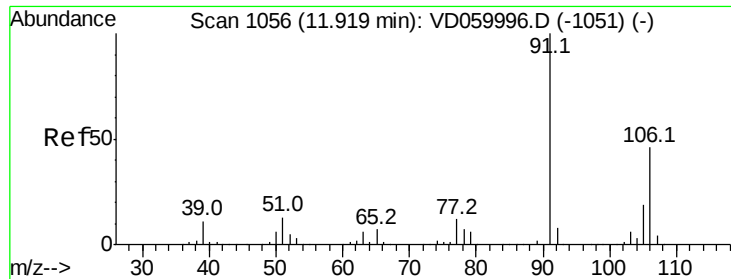
Tot Ion: 91 Resp: 369864
Ion Ratio Lower Upper
91 100
106 28.0 24.8 37.2



#68
m/p-Xylenes
Concen: 11.213 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 106 Resp: 267710
Ion Ratio Lower Upper
106 100
91 217.9 157.0 235.6

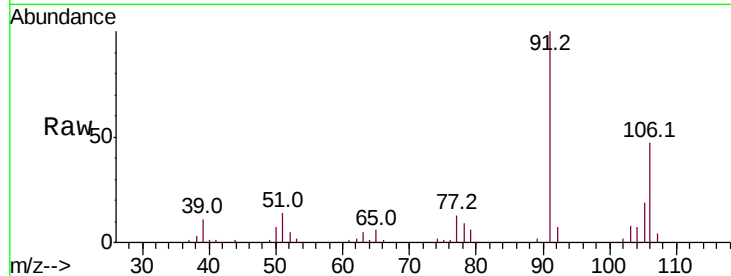




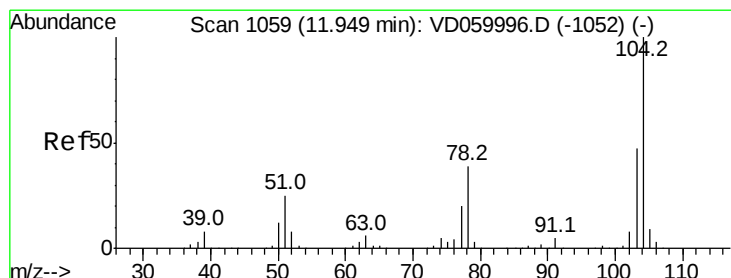
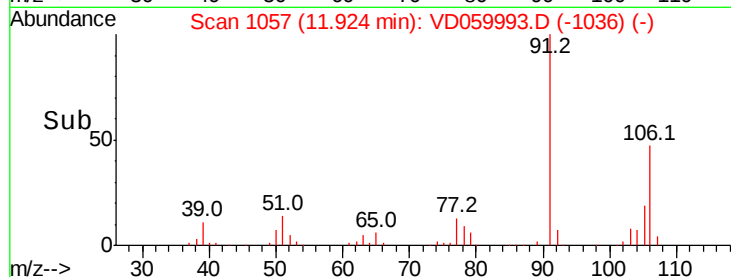
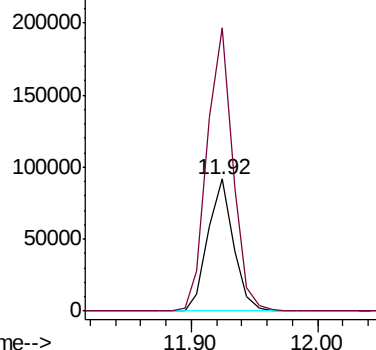
#69
o-Xylene
Concen: 5.515 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 128441
Ion Ratio Lower Upper
106 100
91 214.3 107.7 323.1

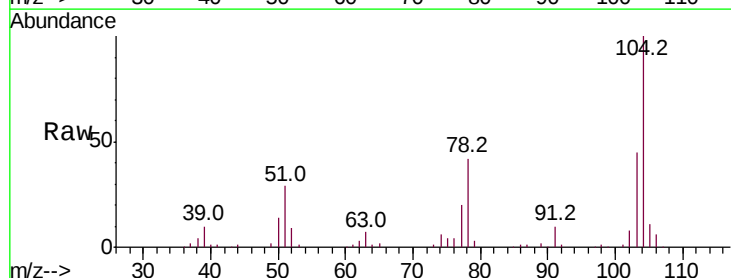


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

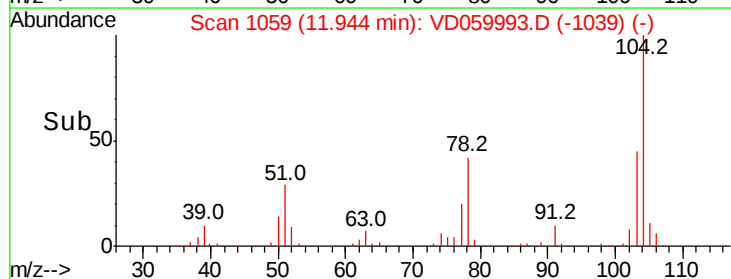
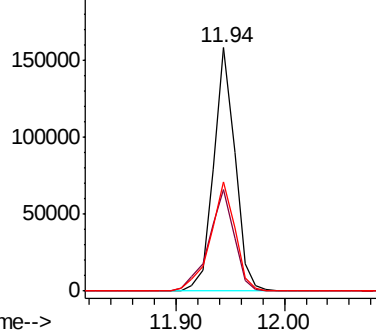


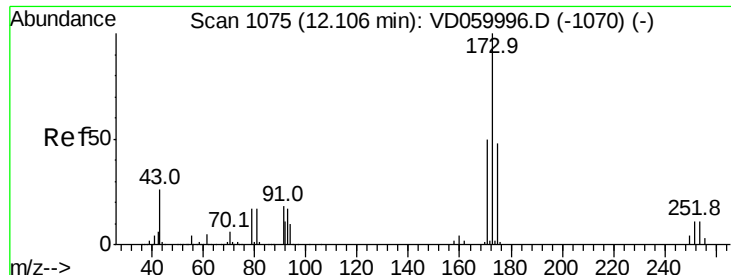
#70
Styrene
Concen: 5.428 ug/l
RT: 11.94 min Scan# 1059
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion:104 Resp: 217358
Ion Ratio Lower Upper
104 100
78 41.5 31.0 46.4
103 44.7 37.6 56.4



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 4.600 ug/l

RT: 12.10 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

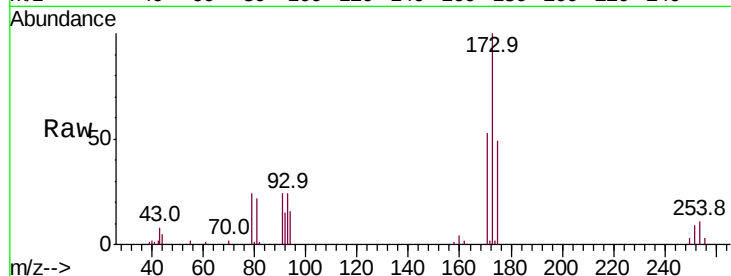
Tot Ion:173 Resp: 55669

Ion Ratio Lower Upper

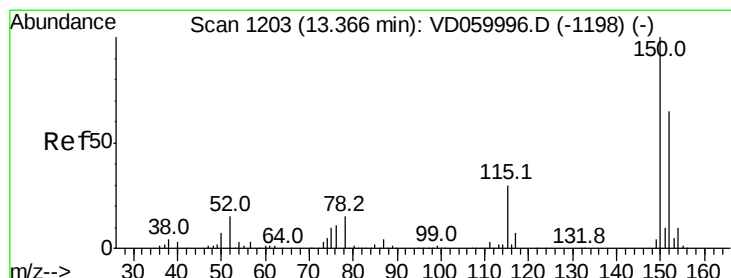
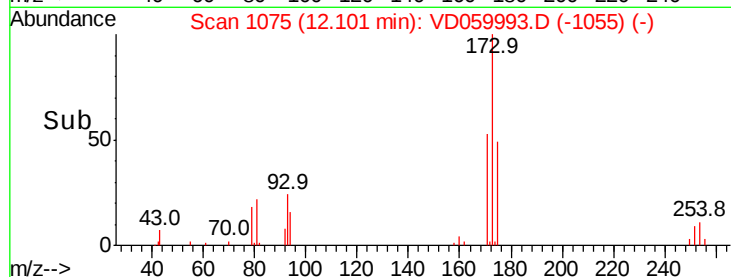
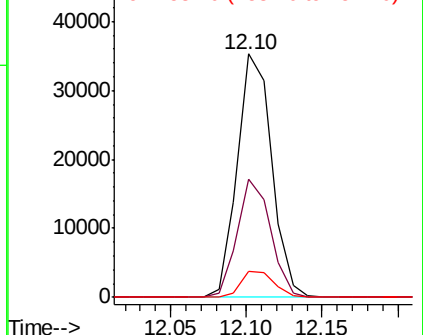
173 100

175 48.7 24.0 72.0

254 10.7 8.6 13.0



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

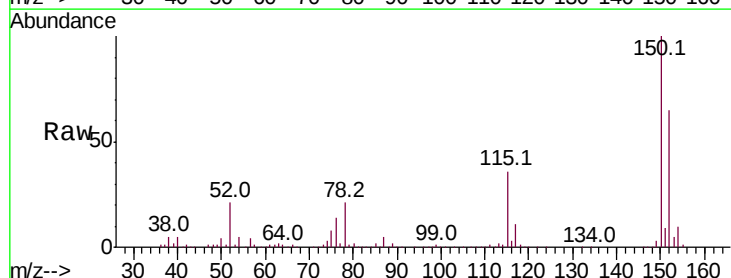
Tgt Ion:152 Resp: 992368

Ion Ratio Lower Upper

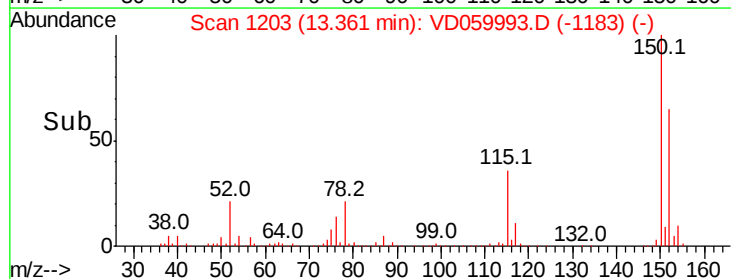
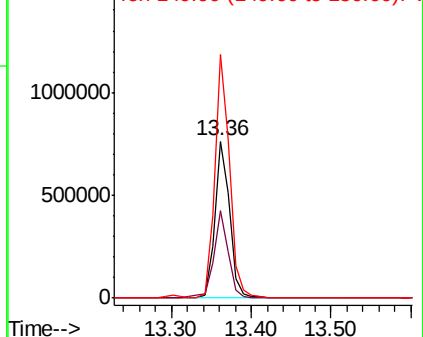
152 100

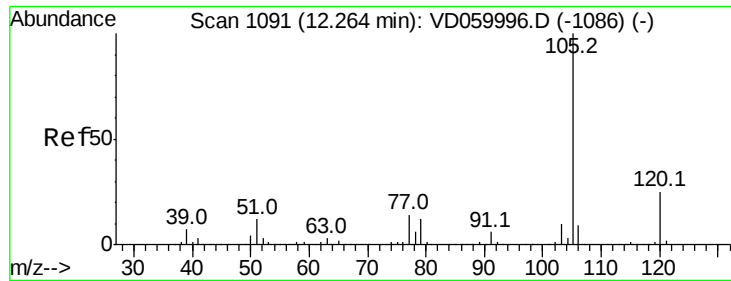
115 55.3 24.6 73.8

150 155.0 0.0 313.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

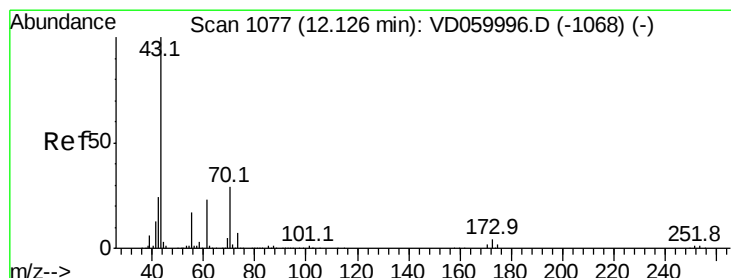
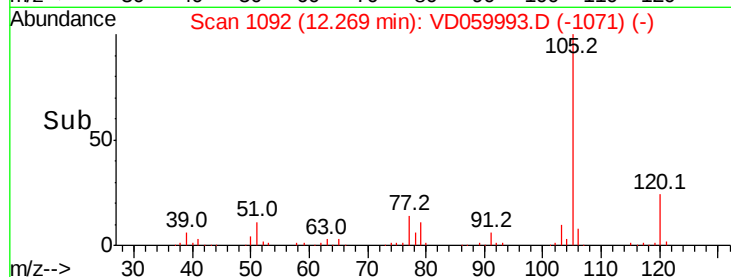
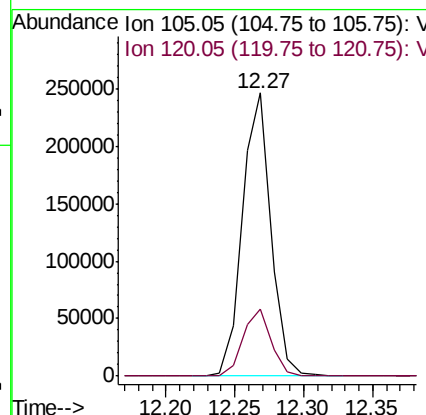
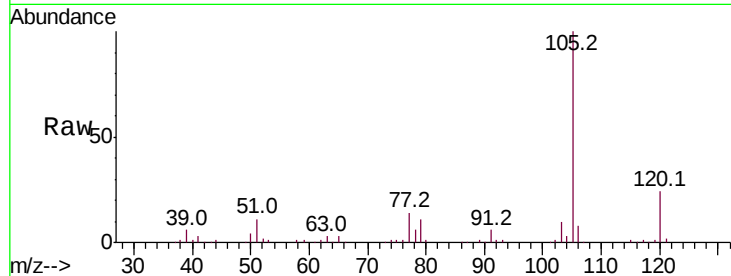




#73
Isopropylbenzene
Concen: 5.479 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

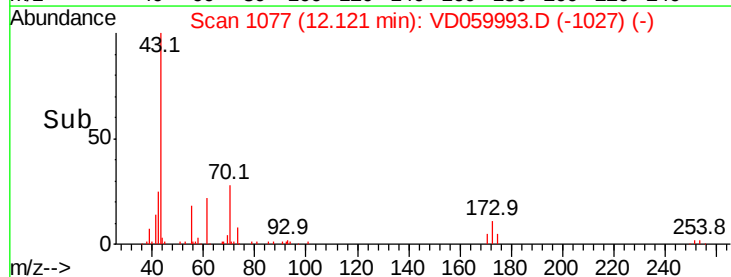
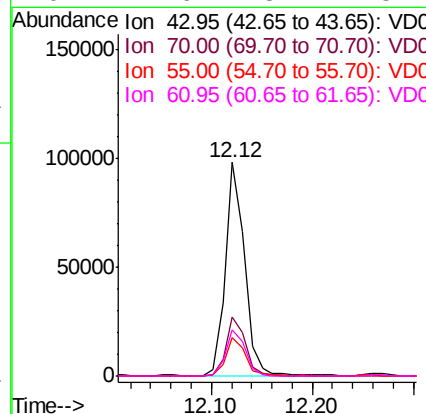
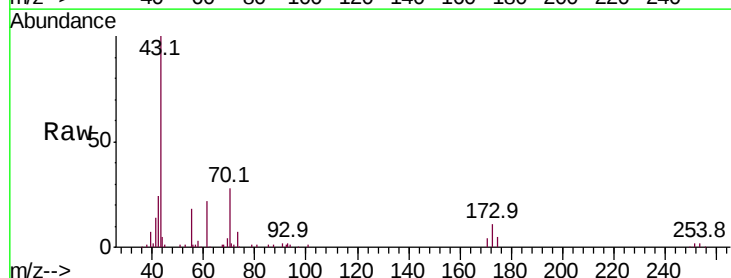
Instrument :
MSVOA_D
ClientSampled :

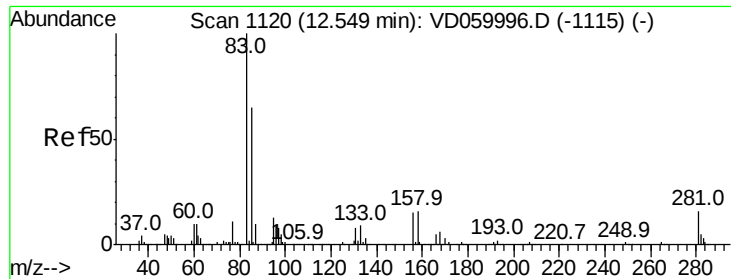
Tot Ion:105 Resp: 353660
Ion Ratio Lower Upper
105 100
120 23.7 12.3 36.9



#74
N-ethyl acetate
Concen: 4.799 ug/l
RT: 12.12 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 43 Resp: 132310
Ion Ratio Lower Upper
43 100
70 27.8 22.9 34.3
55 18.0 14.0 21.0
61 21.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.130 ug/l

RT: 12.55 min Scan# 1121

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

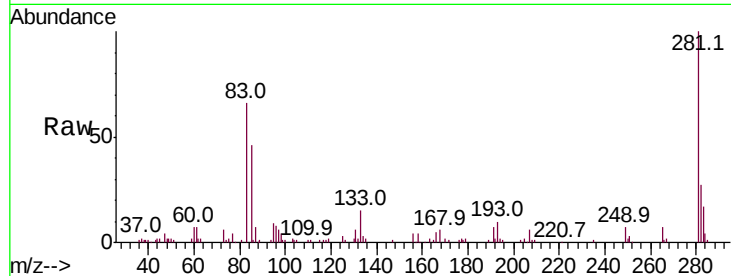
Tot Ion: 83 Resp: 76107

Ion Ratio Lower Upper

83 100

131 9.4 4.1 12.3

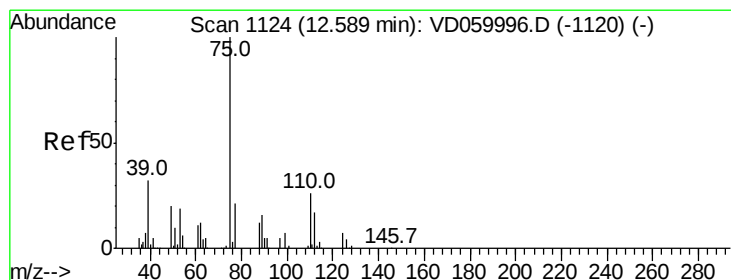
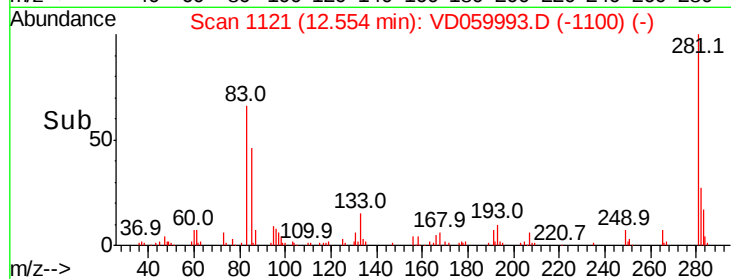
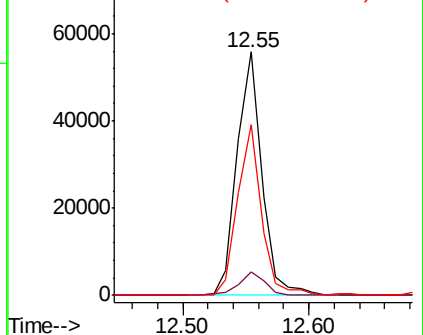
85 70.3 32.4 97.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 5.291 ug/l

RT: 12.58 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VD059993.D

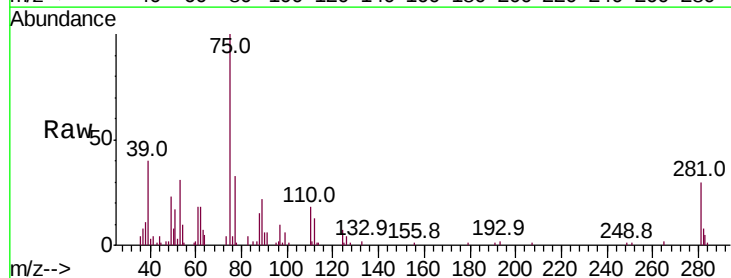
Acq: 13 Sep 2018 11:48

Tgt Ion: 75 Resp: 81767

Ion Ratio Lower Upper

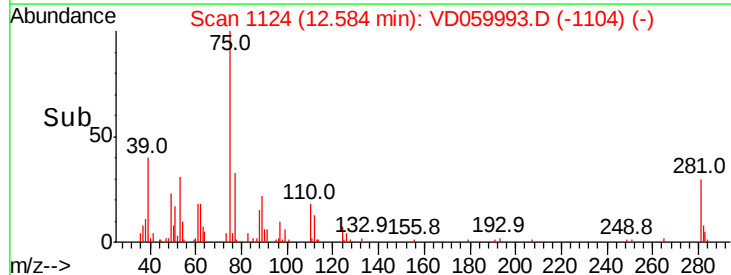
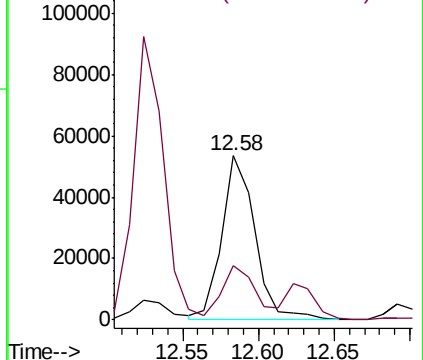
75 100

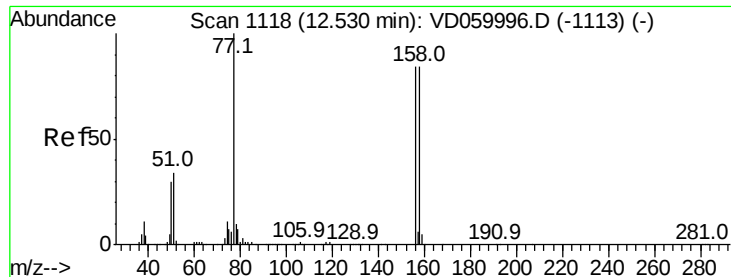
77 32.9 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 5.449 ug/l

RT: 12.53 min Scan# 1119

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

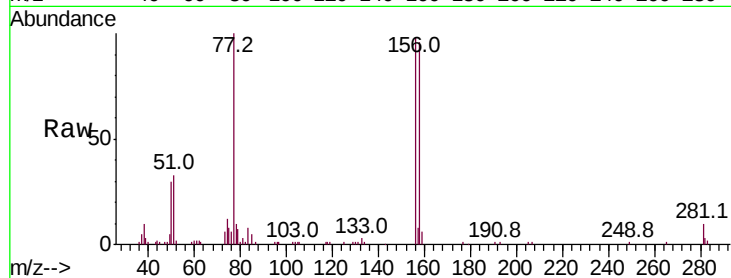
Tot Ion:156 Resp: 97419

Ion Ratio Lower Upper

156 100

77 102.3 59.5 178.4

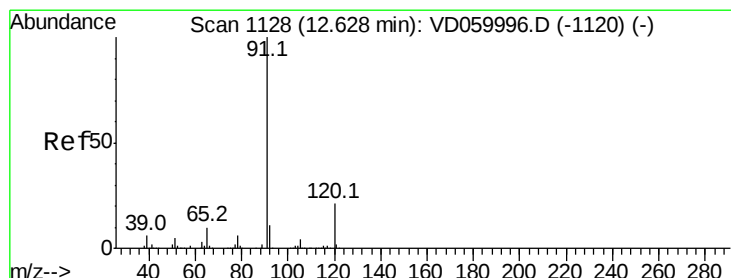
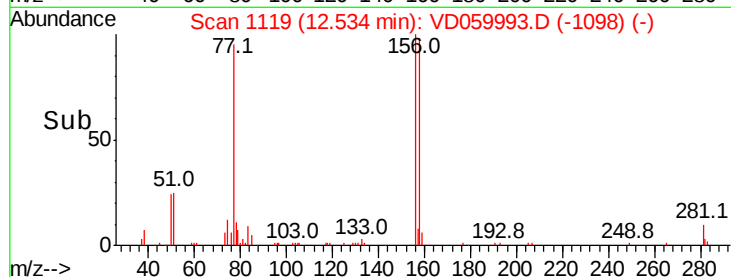
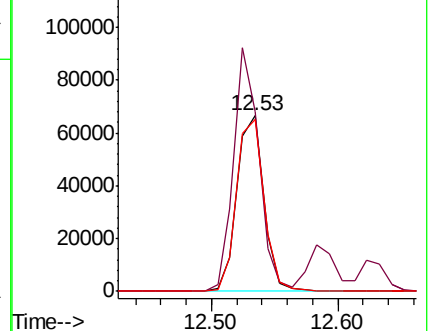
158 98.1 50.0 149.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 5.660 ug/l

RT: 12.62 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VD059993.D

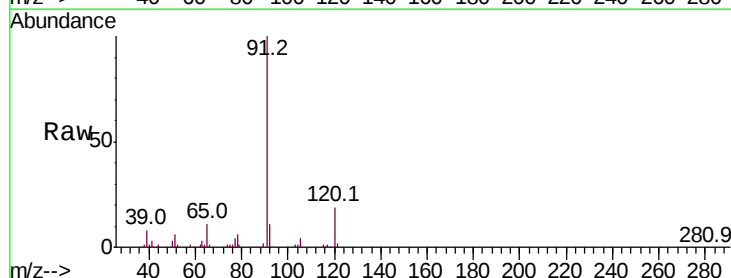
Acq: 13 Sep 2018 11:48

Tgt Ion: 91 Resp: 460532

Ion Ratio Lower Upper

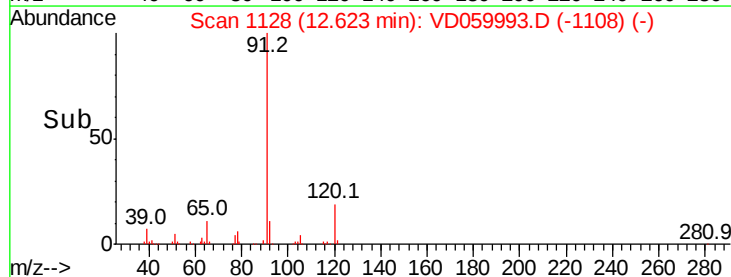
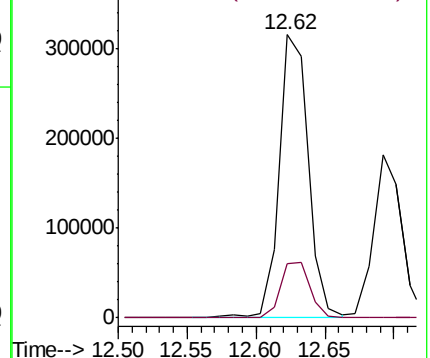
91 100

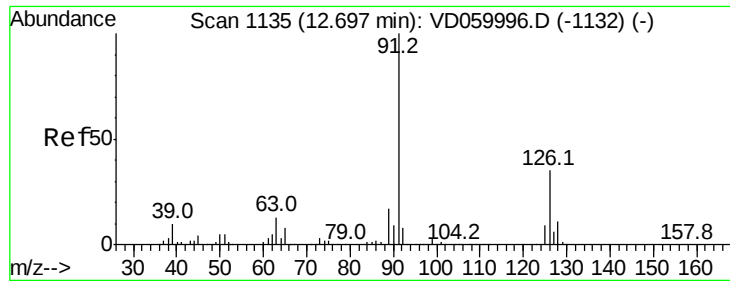
120 19.0 10.7 31.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

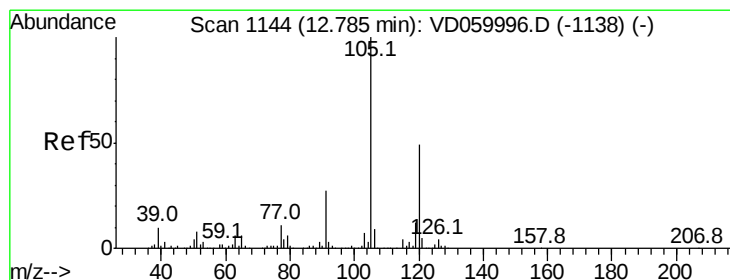
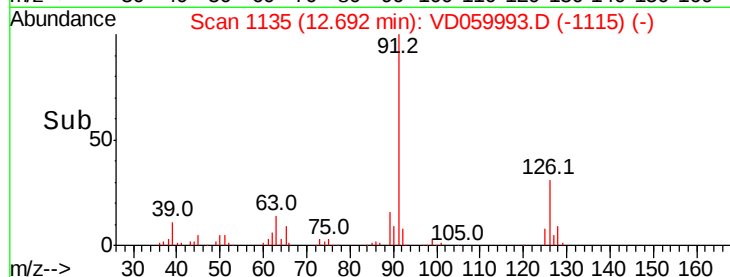
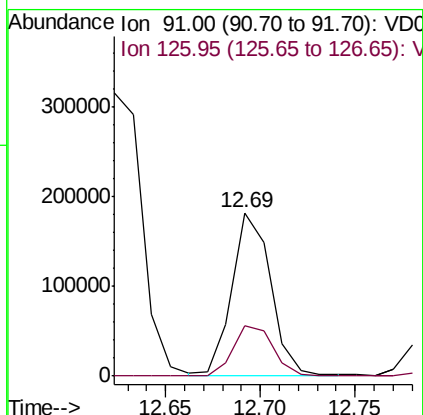
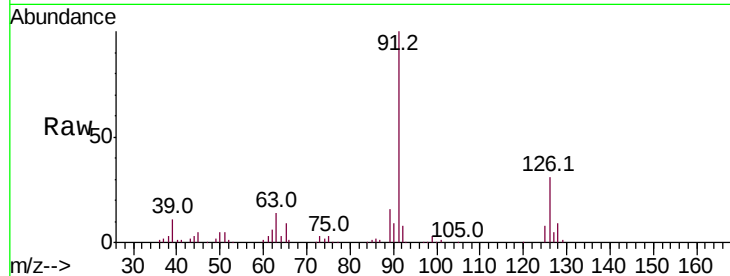




#79
 2-Chlorotoluene
 Concen: 5.600 ug/l
 RT: 12.69 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

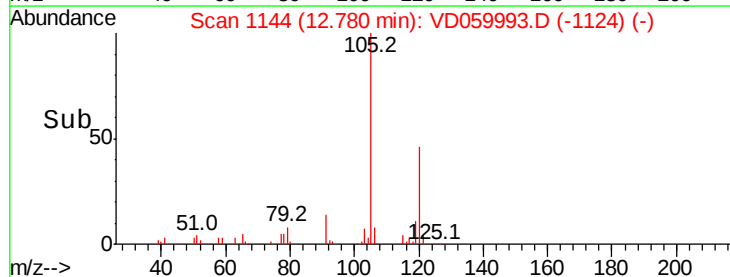
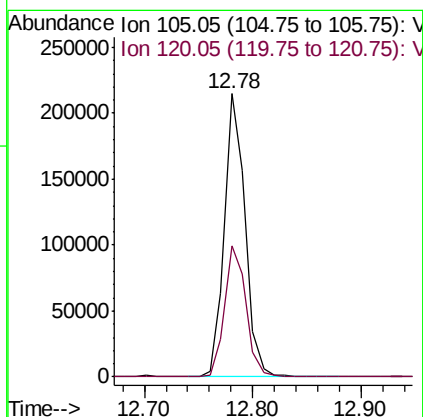
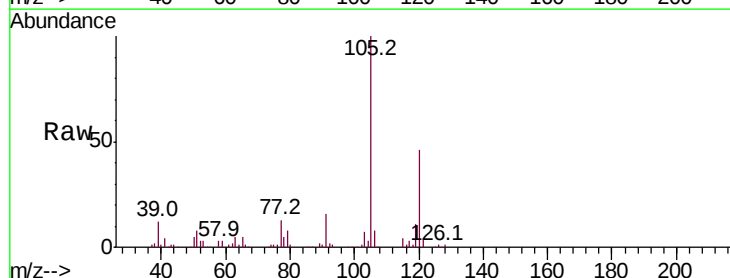
Instrument :
 MSVOA_D
 ClientSampleId :

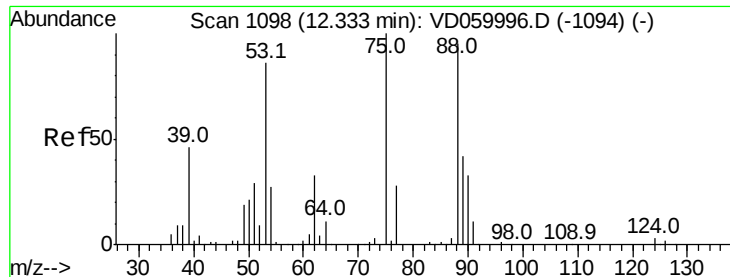
Tot Ion: 91 Resp: 257374
 Ion Ratio Lower Upper
 91 100
 126 30.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 5.604 ug/l
 RT: 12.78 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion:105 Resp: 286270
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.778 ug/l

RT: 12.33 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampleId :

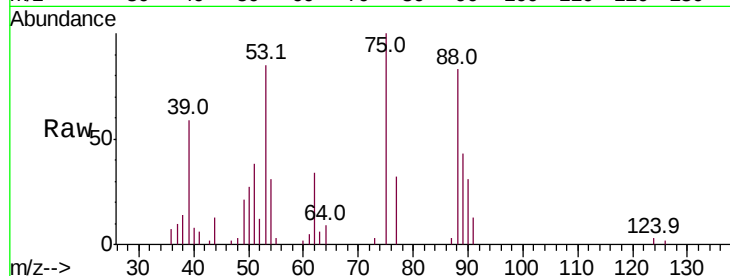
Tot Ion: 75 Resp: 22796

Ion	Ratio	Lower	Upper
75	100		
53	84.6	68.4	102.6
89	43.3	33.8	50.6

75 100

53 84.6 68.4 102.6

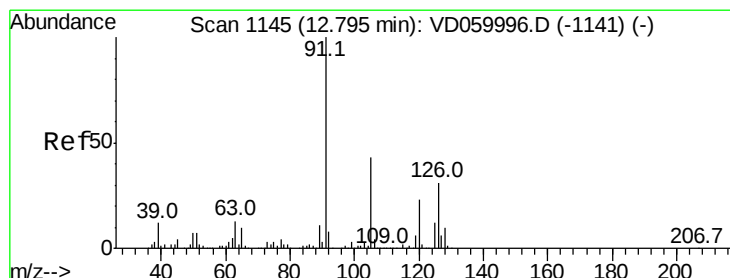
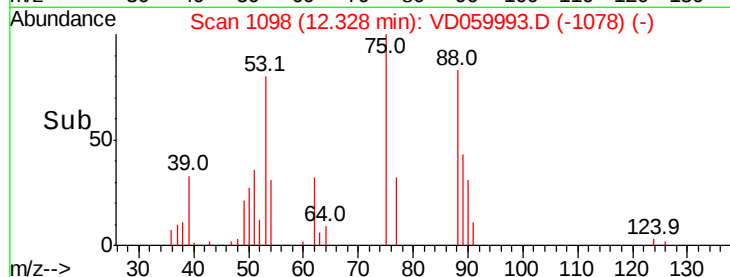
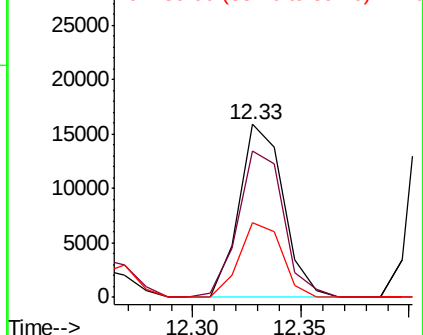
89 43.3 33.8 50.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 5.698 ug/l

RT: 12.80 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VD059993.D

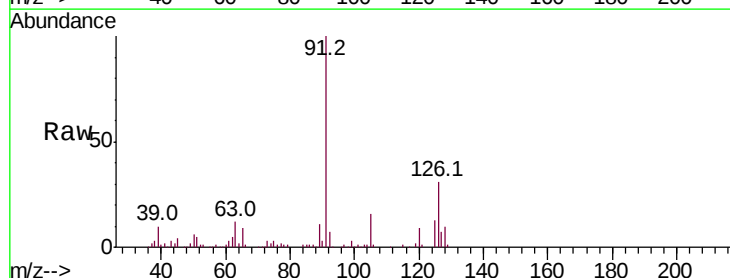
Acq: 13 Sep 2018 11:48

Tgt Ion: 91 Resp: 296875

Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.1

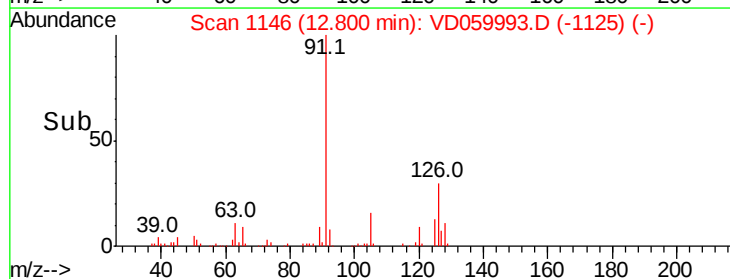
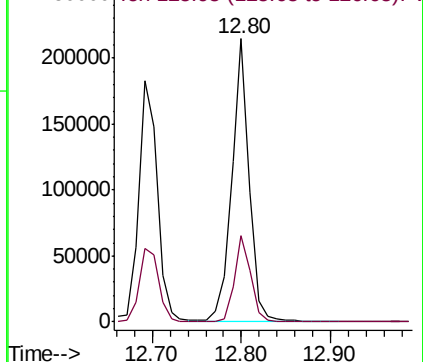
91 100

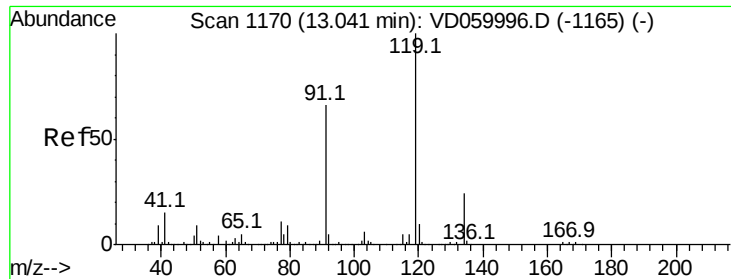
126 30.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

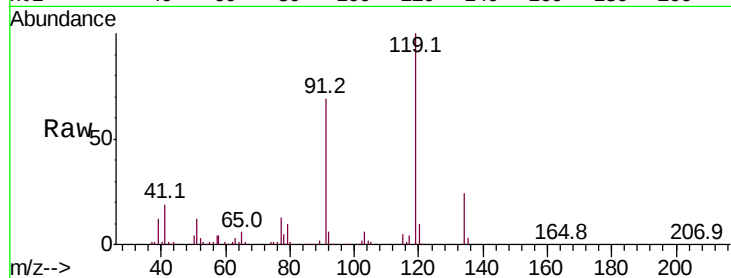




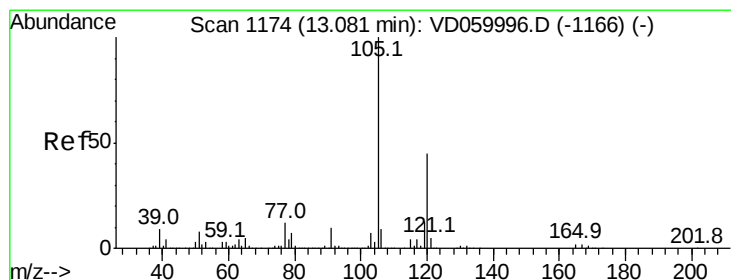
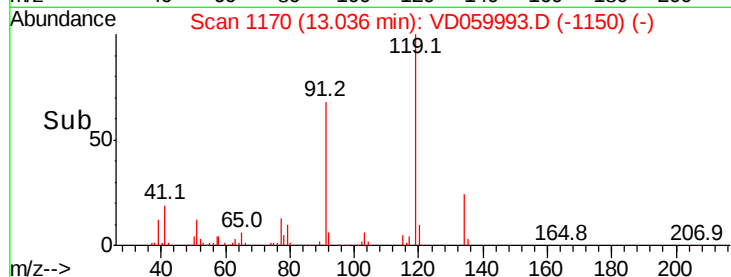
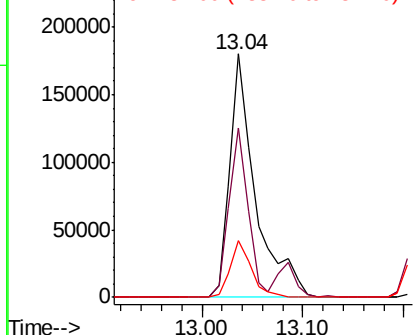
#83
 tert-Butylbenzene
 Concen: 5.502 ug/l
 RT: 13.04 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	32.9	98.6
134	23.6	12.0	36.0

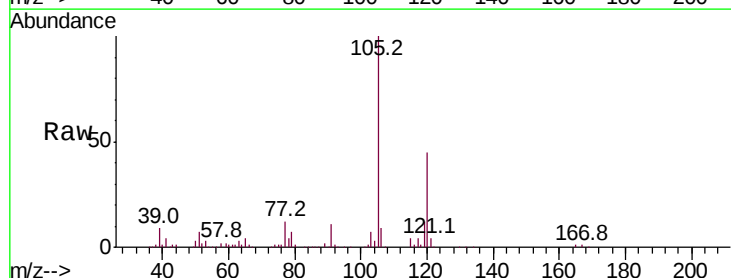


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

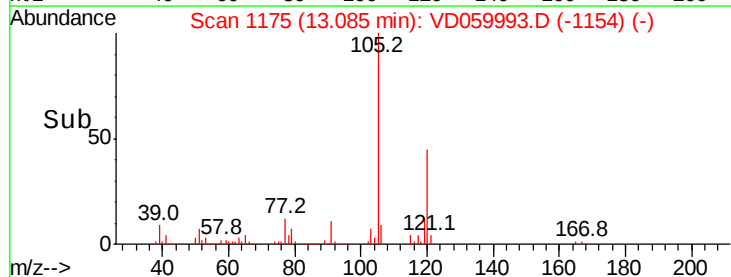
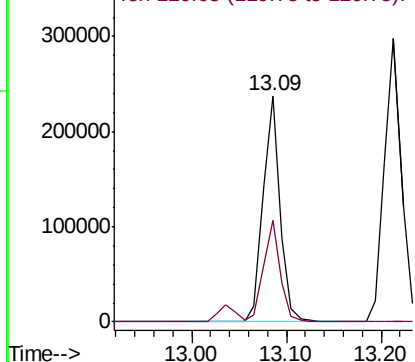


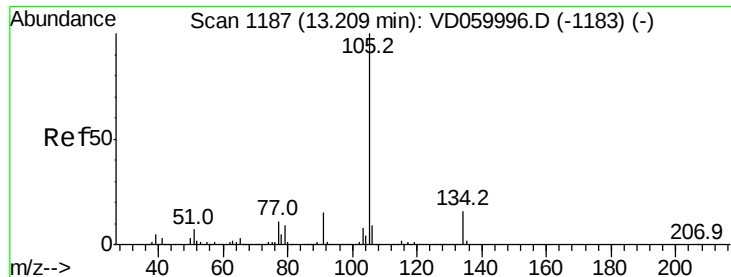
#84
 1,2,4-Trimethylbenzene
 Concen: 5.687 ug/l
 RT: 13.09 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.0



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 5.511 ug/l

RT: 13.21 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

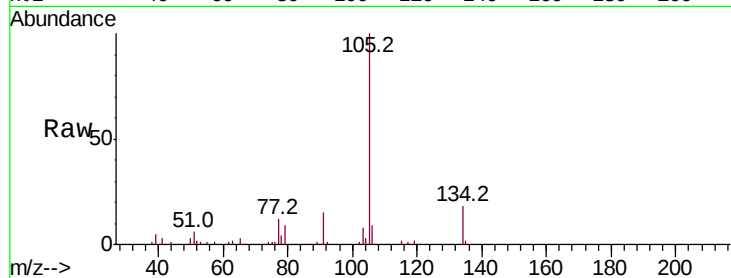
ClientSampleId :

Tot Ion:105 Resp: 375156

Ion Ratio Lower Upper

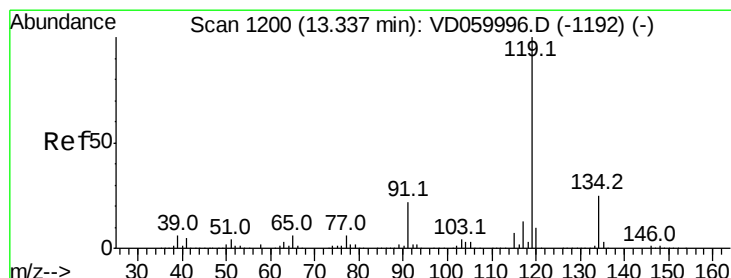
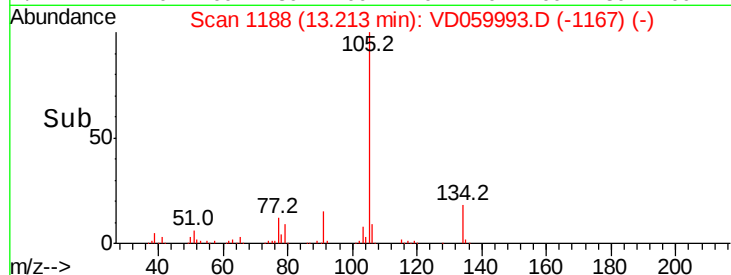
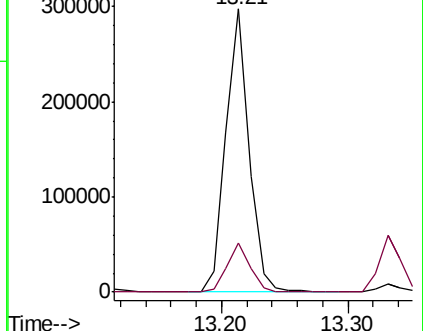
105 100

134 17.6 8.2 24.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 5.437 ug/l

RT: 13.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

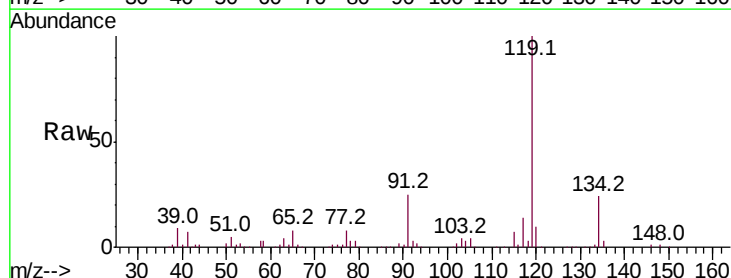
Tgt Ion:119 Resp: 303852

Ion Ratio Lower Upper

119 100

134 24.4 12.8 38.3

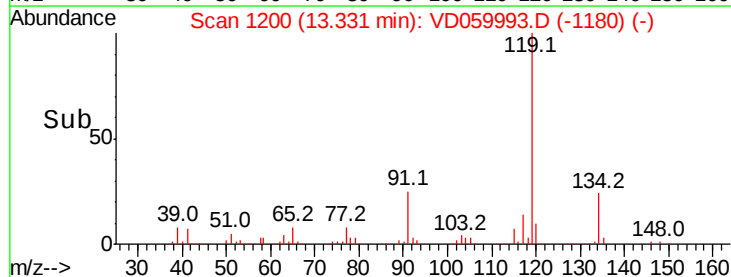
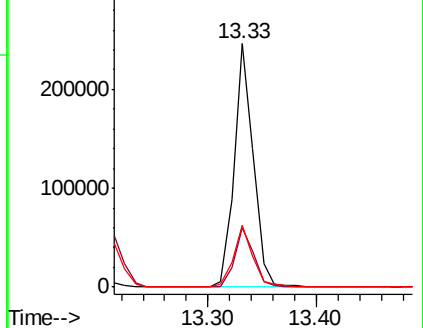
91 25.4 11.1 33.3

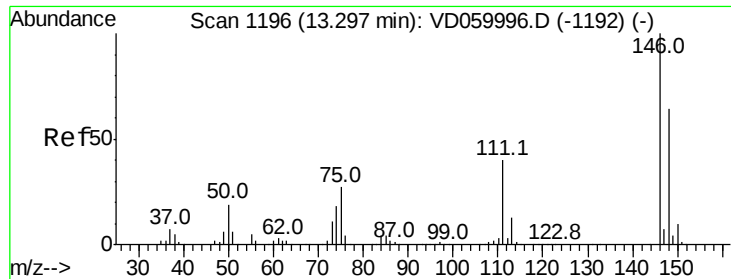


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

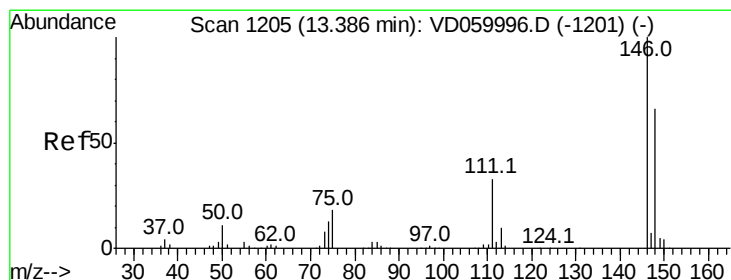
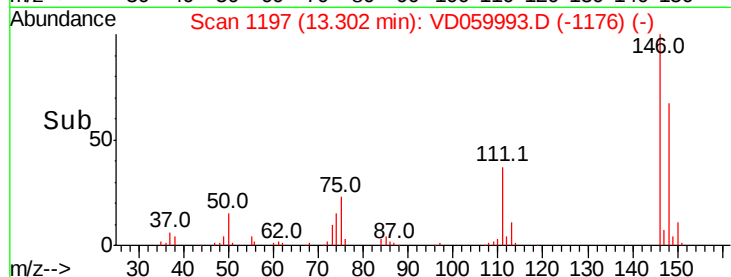
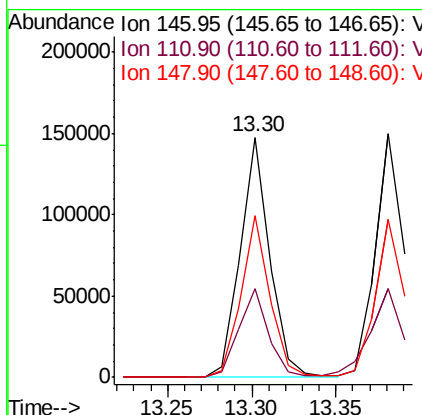
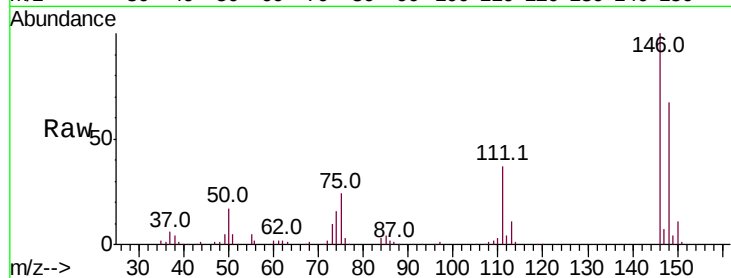




#87
 1,3-Dichlorobenzene
 Concen: 5.643 ug/l
 RT: 13.30 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

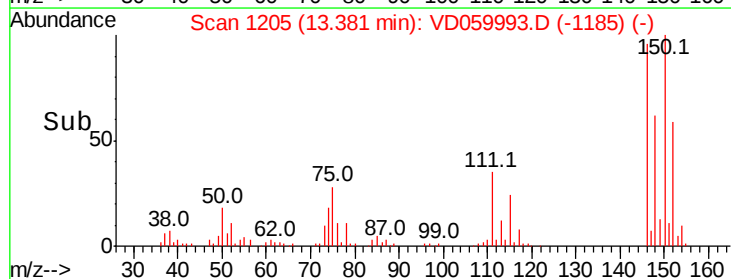
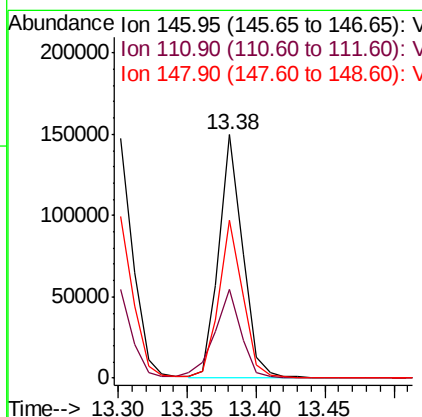
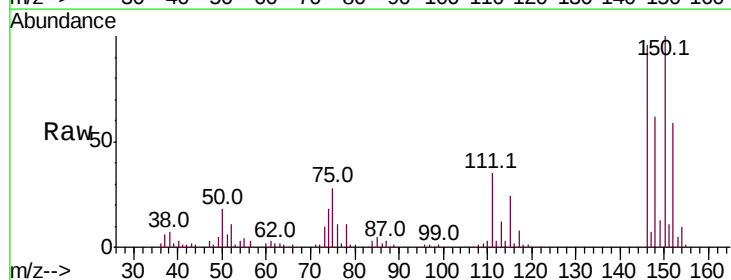
Instrument :
 MSVOA_D
 ClientSampleId :

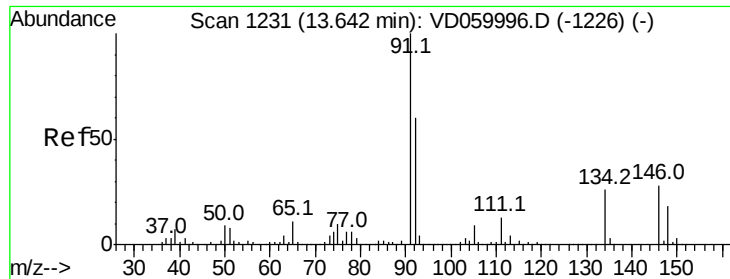
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.2	60.5
148	67.3	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 5.662 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	16.7	50.0
148	64.9	32.9	98.6

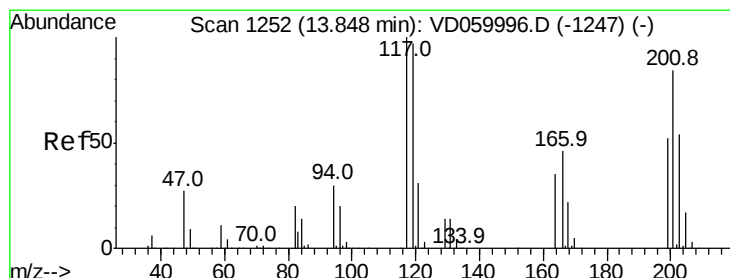
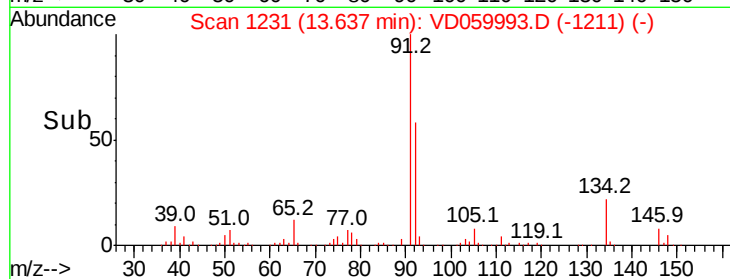
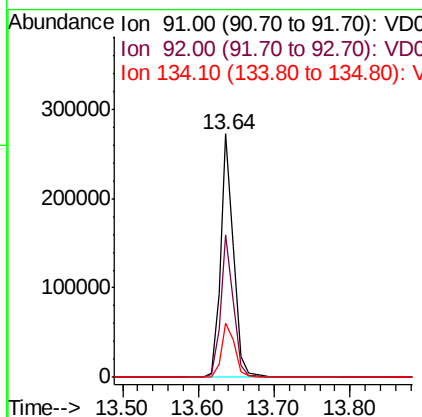
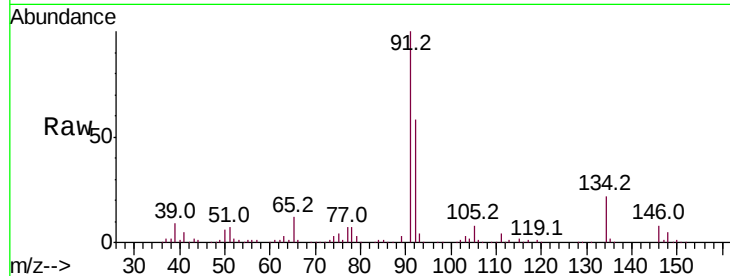




#89
n-Butylbenzene
Concen: 5.875 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

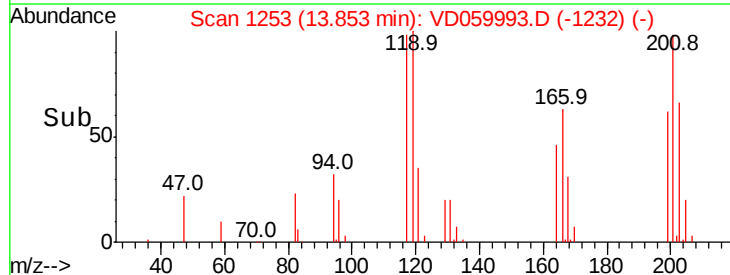
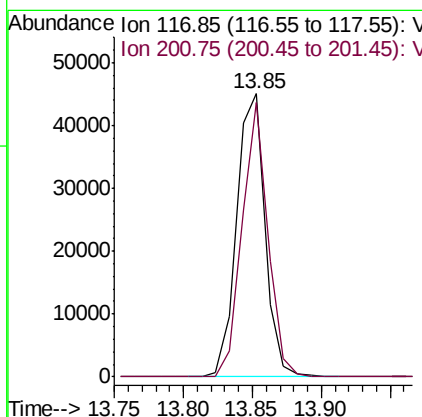
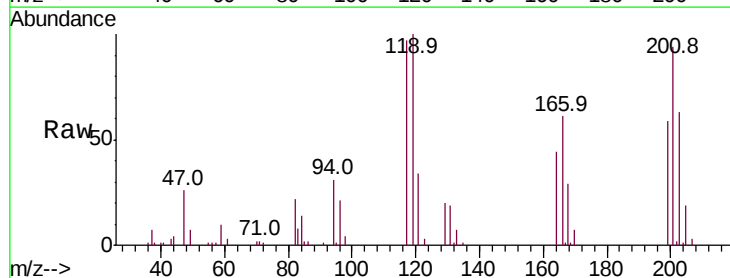
Instrument :
MSVOA_D
ClientSampleId :

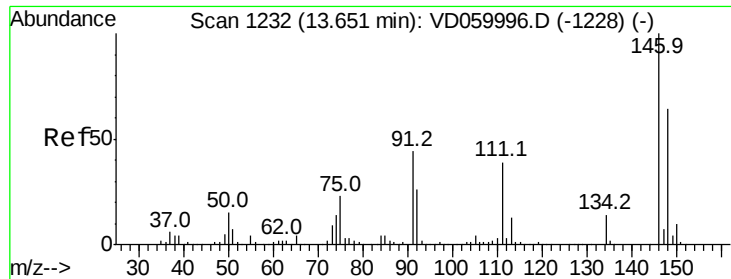
Tot Ion: 91 Resp: 328010
Ion Ratio Lower Upper
91 100
92 58.4 29.8 89.3
134 22.2 13.2 39.6



#90
Hexachloroethane
Concen: 4.377 ug/l
RT: 13.85 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion: 117 Resp: 64800
Ion Ratio Lower Upper
117 100
201 96.9 42.1 126.4





#91

1,2-Dichlorobenzene

Concen: 5.981 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

Instrument :

MSVOA_D

ClientSampled :

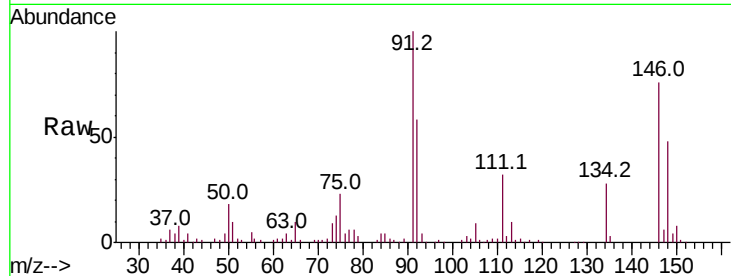
Tot Ion:146 Resp: 160802

Ion Ratio Lower Upper

146 100

111 42.2 19.6 58.7

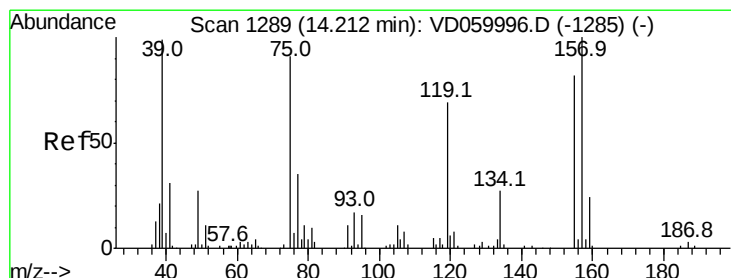
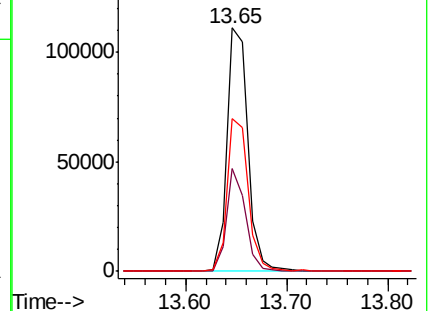
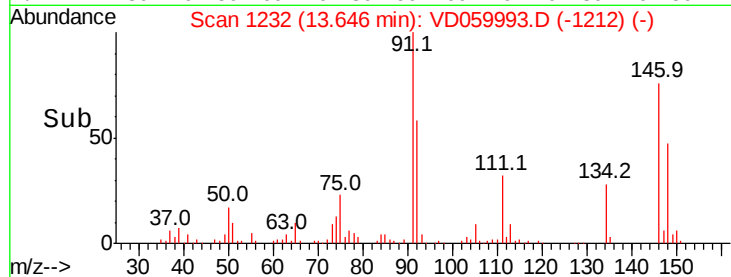
148 62.8 31.9 95.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.091 ug/l

RT: 14.22 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VD059993.D

Acq: 13 Sep 2018 11:48

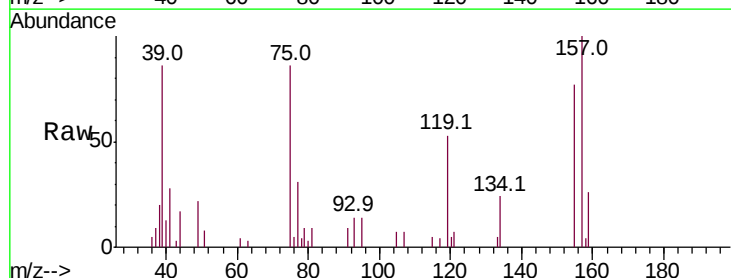
Tgt Ion: 75 Resp: 11294

Ion Ratio Lower Upper

75 100

155 88.8 44.7 134.1

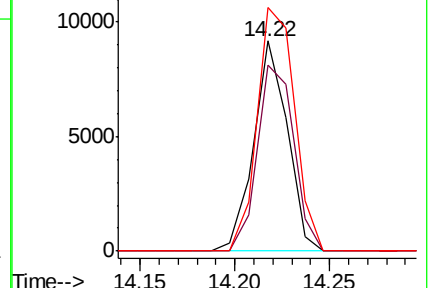
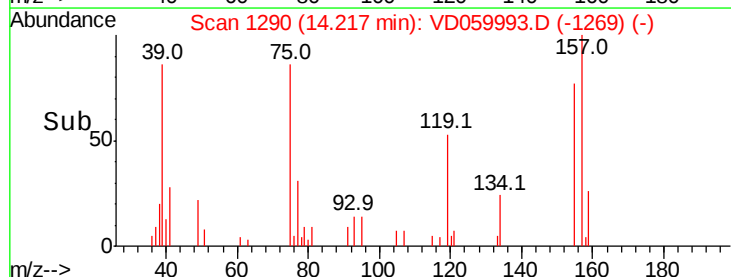
157 115.9 54.7 164.1

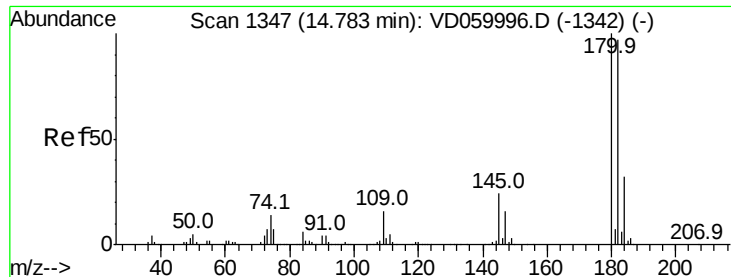


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

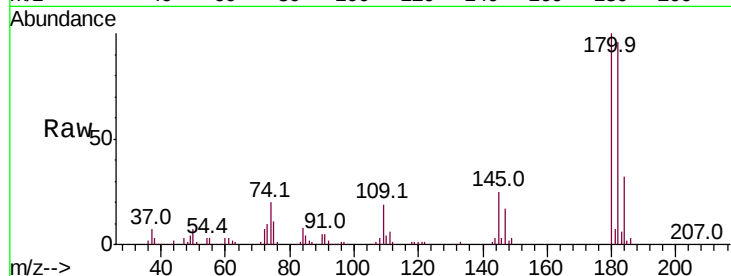




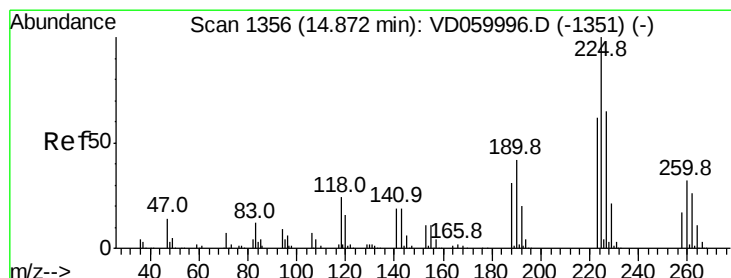
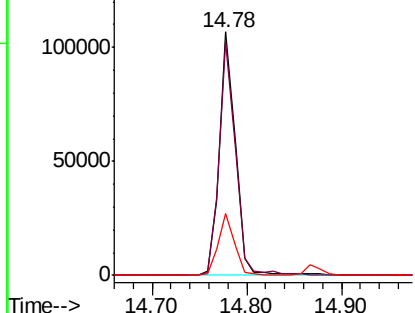
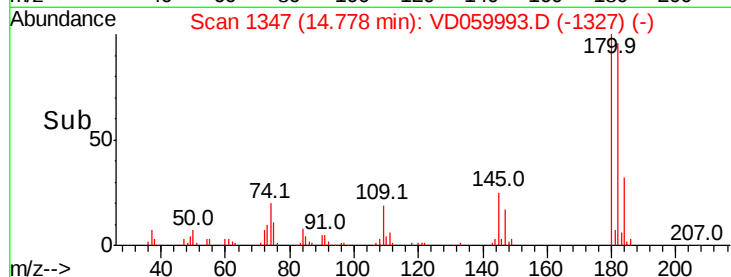
#93
 1,2,4-Trichlorobenzene
 Concen: 5.448 ug/l
 RT: 14.78 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.6
145	25.5	11.9	35.7

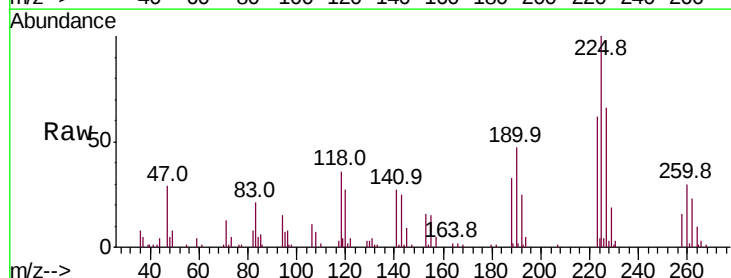


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

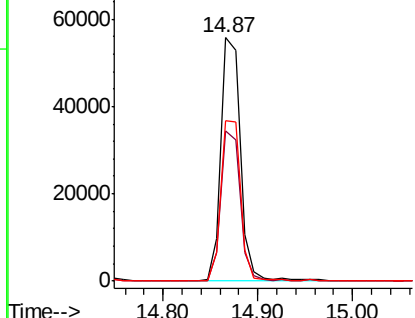
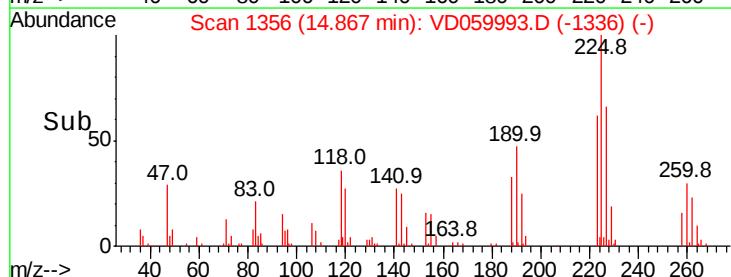


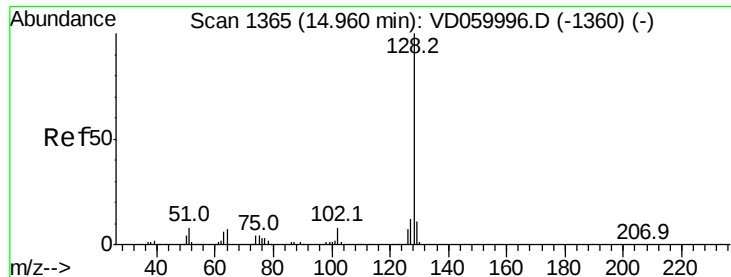
#94
 Hexachlorobutadiene
 Concen: 5.240 ug/l
 RT: 14.87 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VD059993.D
 Acq: 13 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.2	93.6
227	66.0	32.3	96.8



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

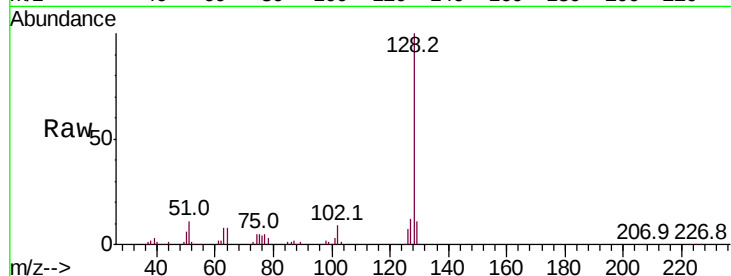




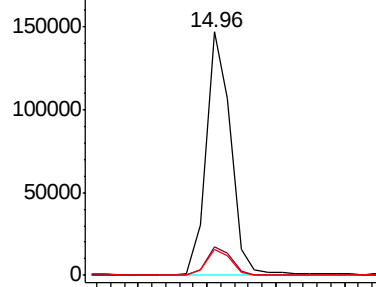
#95
Naphthalene
Concen: 5.192 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Instrument :
MSVOA_D
ClientSampleId :

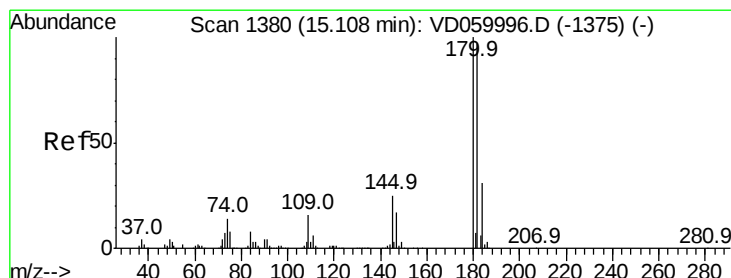
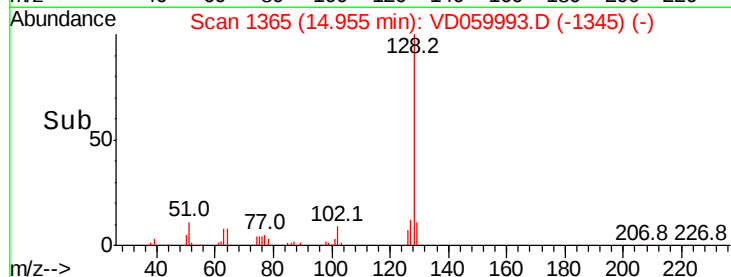
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.7	14.5
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

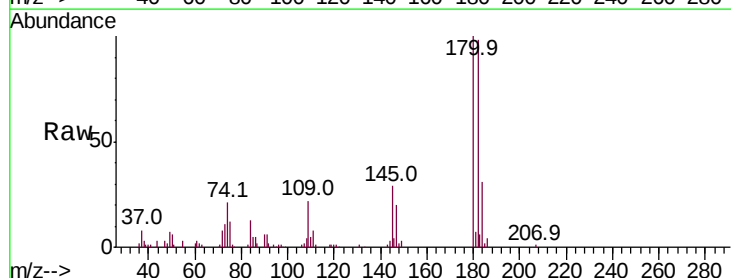


Time-->

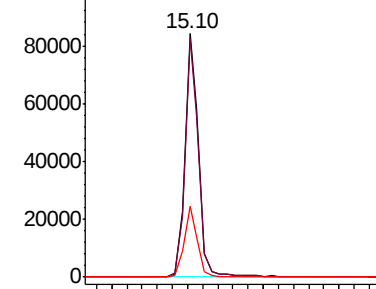


#96
1,2,3-Trichlorobenzene
Concen: 5.417 ug/l
RT: 15.10 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD059993.D
Acq: 13 Sep 2018 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.6	145.9
145	29.2	12.7	38.1



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V



Time-->

