

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059690.D
 Acq On : 6 Aug 2018 13:02
 Operator : VA/AP
 Sample : VSTDIC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 07 04:01:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	203858	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.67	114	258649	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	207220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	110439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	276740	103.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	207.08%	
35) Dibromofluoromethane	5.52	113	238504	99.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.86%	
50) Toluene-d8	8.69	98	483243	93.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.08%	
62) 4-Bromofluorobenzene	11.92	95	224489	93.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.31	85	285244	100.438	ug/l	100
3) Chloromethane	1.46	50	128774	103.464	ug/l	98
4) Vinyl Chloride	1.53	62	160173	107.963	ug/l	98
5) Bromomethane	1.76	94	41825	80.559	ug/l	93
6) Chloroethane	1.85	64	53833	90.760	ug/l	98
7) Trichlorofluoromethane	2.05	101	226429	94.349	ug/l	100
8) Diethyl Ether	2.32	74	49191	109.852	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.52	101	135070	97.488	ug/l	98
10) Methyl Iodide	2.66	142	170451	107.816	ug/l	94
11) Tert butyl alcohol	3.24	59	49037	522.448	ug/l	97
12) 1,1-Dichloroethene	2.51	96	104688	102.196	ug/l	99
13) Acrolein	2.45	56	47820	533.697	ug/l	98
14) Allyl chloride	2.89	41	243279	104.548	ug/l	97
15) Acrylonitrile	3.32	53	134025	496.712	ug/l	94
16) Acetone	2.58	43	258393	521.119	ug/l	100
17) Carbon Disulfide	2.72	76	403533	111.365	ug/l	98
18) Methyl Acetate	2.91	43	86588	97.563	ug/l #	91
19) Methyl tert-butyl Ether	3.37	73	318935	80.921	ug/l	95
20) Methylene Chloride	3.04	84	121624	65.810	ug/l	97
21) trans-1,2-Dichloroethene	3.35	96	103104	74.209	ug/l	94
22) Diisopropyl ether	4.04	45	519494	97.784	ug/l	98
23) Vinyl Acetate	3.99	43	1670774	503.878	ug/l	99
24) 1,1-Dichloroethane	3.93	63	347400	97.092	ug/l	99
25) 2-Butanone	4.81	43	343835	543.847	ug/l	98
26) 2,2-Dichloropropane	4.77	77	369946	95.215	ug/l	99
27) cis-1,2-Dichloroethene	4.77	96	175387	93.364	ug/l	81
28) Bromochloromethane	5.11	49	134858	101.686	ug/l	98
29) Tetrahydrofuran	5.16	42	129199	522.302	ug/l	96
30) Chloroform	5.29	83	425383	98.488	ug/l	99
31) Cyclohexane	5.56	56	227356	87.286	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	425772	100.582	ug/l	96
36) 1,1-Dichloropropene	5.72	75	271637	93.944	ug/l	97
37) Ethyl Acetate	4.90	43	135463	99.604	ug/l	98
38) Carbon Tetrachloride	5.69	117	373852	95.463	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	238389	99.606	ug/l	98
40) Benzene	5.99	78	515338	92.468	ug/l	98
41) Methacrylonitrile	5.09	41	66834	101.428	ug/l	92
42) 1,2-Dichloroethane	6.11	62	345416	100.654	ug/l	100
43) Isopropyl Acetate	7.60	43	185685	103.053	ug/l	98
44) Trichloroethene	6.96	130	203233	99.937	ug/l	100
45) 1,2-Dichloropropane	7.32	63	143297	99.527	ug/l	96
46) Dibromomethane	7.44	93	126868	100.123	ug/l	95
47) Bromodichloromethane	7.72	83	324174	99.775	ug/l	96
48) Methyl methacrylate	7.48	41	124241	104.078	ug/l	96
49) 1,4-Dioxane	7.47	88	21887	2357.329	ug/l #	83
51) 4-Methyl-2-Pentanone	8.58	43	690368	526.181	ug/l	99
52) Toluene	8.78	92	328699	93.622	ug/l	99
53) t-1,3-Dichloropropene	9.16	75	273975	99.567	ug/l	99
54) cis-1,3-Dichloropropene	8.34	75	273728	98.567	ug/l	97
55) 1,1,2-Trichloroethane	9.44	97	125628	93.313	ug/l	95
56) Ethyl methacrylate	9.29	69	152979	100.475	ug/l	97
57) 1,3-Dichloropropane	9.65	76	202582	93.566	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.17	63	343262	477.683	ug/l	98
59) 2-Hexanone	9.77	43	532111	535.856	ug/l	98
60) Dibromochloromethane	9.94	129	225407	102.932	ug/l	98
61) 1,2-Dibromoethane	10.08	107	155635	98.123	ug/l	91
64) Tetrachloroethene	9.50	164	187295	97.093	ug/l	95
65) Chlorobenzene	10.71	112	398392	94.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	181232	95.858	ug/l	98
67) Ethyl Benzene	10.85	91	727407	93.556	ug/l	100
68) m/p-Xylenes	11.00	106	466821	189.220	ug/l	92
69) o-Xylene	11.40	106	215432	89.057	ug/l	95
70) Styrene	11.42	104	376669	94.113	ug/l	98
71) Bromoform	11.58	173	161114	112.712	ug/l #	96
73) Isopropylbenzene	11.76	105	700267	93.599	ug/l	98
74) N-amyl acetate	11.63	43	250732	107.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	143445	98.580	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	166676	97.208	ug/l	96
77) Bromobenzene	12.03	156	203175	94.665	ug/l	99
78) n-propylbenzene	12.15	91	856509	92.558	ug/l	100
79) 2-Chlorotoluene	12.20	91	529970	95.069	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	597364	97.140	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.83	75	44732	104.525	ug/l	97
82) 4-Chlorotoluene	12.31	91	594904	91.290	ug/l	93
83) tert-Butylbenzene	12.57	119	666231	95.891	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	628863	96.483	ug/l	100
85) sec-Butylbenzene	12.75	105	718798	93.741	ug/l	97
86) p-Isopropyltoluene	12.87	119	651630	98.103	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	355035	94.441	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	345300	91.470	ug/l	97
89) n-Butylbenzene	13.19	91	620298	94.680	ug/l	98
90) Hexachloroethane	13.39	117	178777	103.087	ug/l	98
91) 1,2-Dichlorobenzene	13.19	146	292378	94.304	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	34280	107.485	ug/l	93

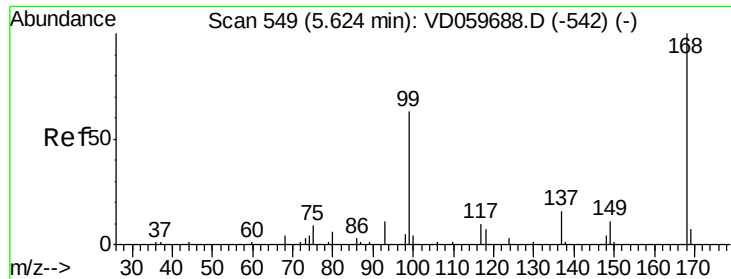
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 03:58:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	265744	95.411	ug/l	99
94) Hexachlorobutadiene	14.43	225	215926	99.343	ug/l	99
95) Naphthalene	14.51	128	406471	97.534	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	237944	95.609	ug/l	97

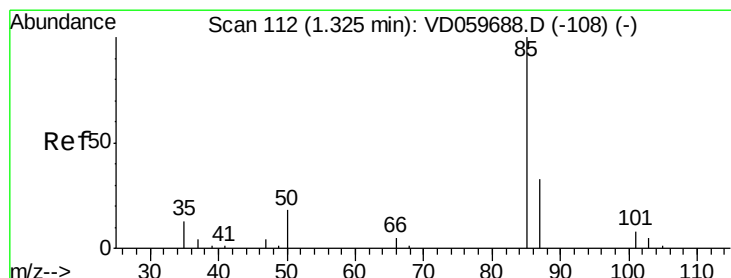
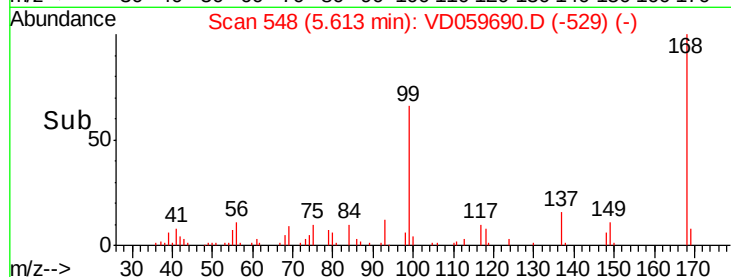
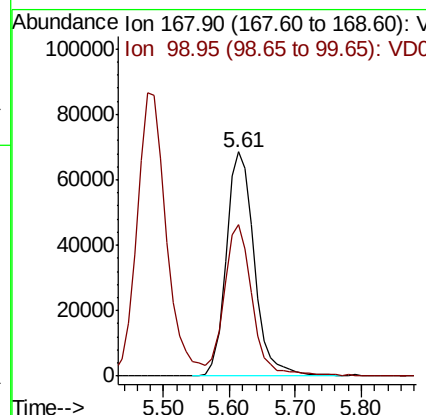
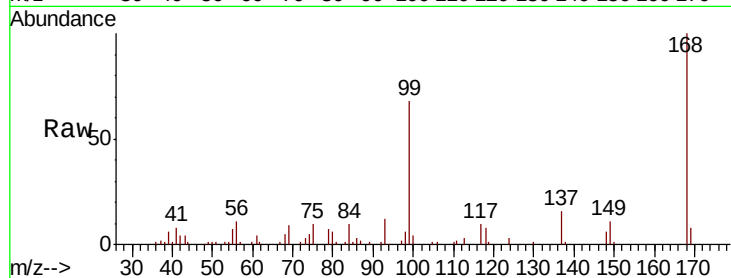
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

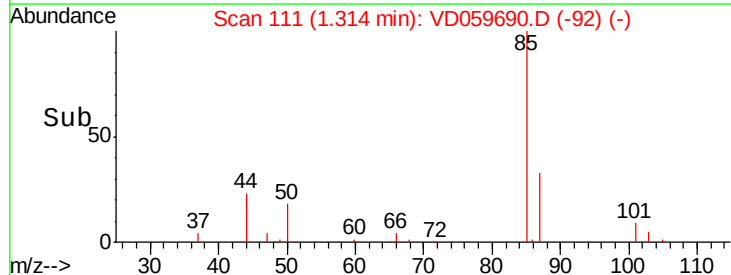
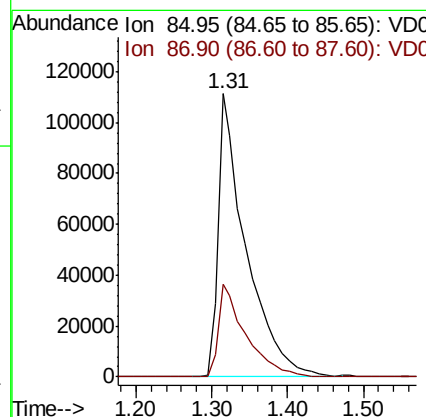
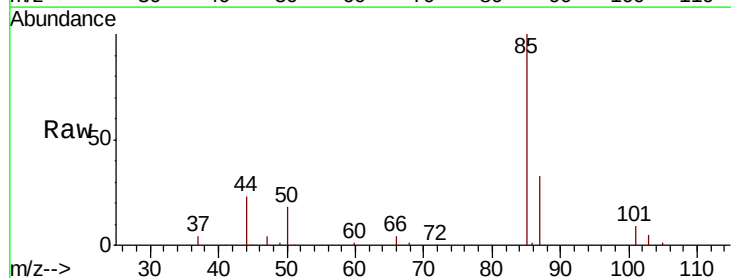
Instrument :
MSVOA_D
ClientSampleId :

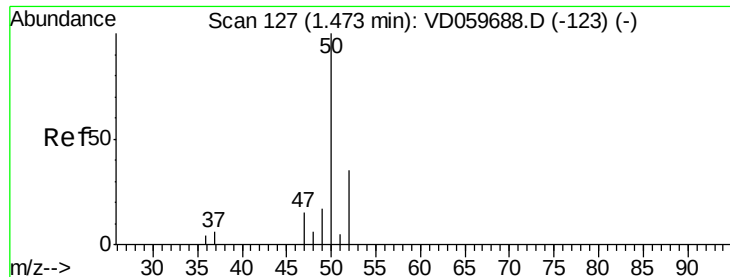
Tot Ion:168 Resp: 203858
Ion Ratio Lower Upper
168 100
99 67.6 53.4 80.2



#2
Dichlorodifluoromethane
Concen: 100.438 ug/l
RT: 1.31 min Scan# 111
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 85 Resp: 285244
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3

Chloromethane

Concen: 103.464 ug/l

RT: 1.46 min Scan# 126

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

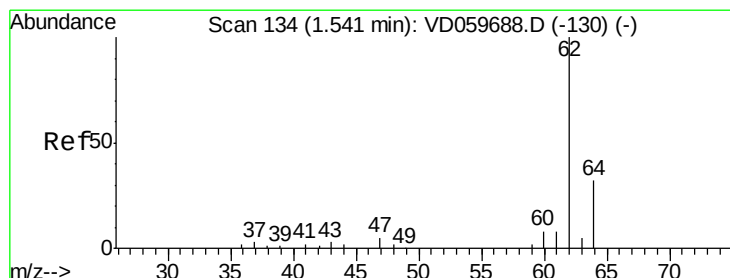
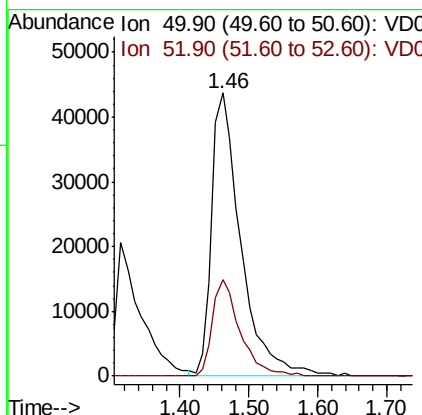
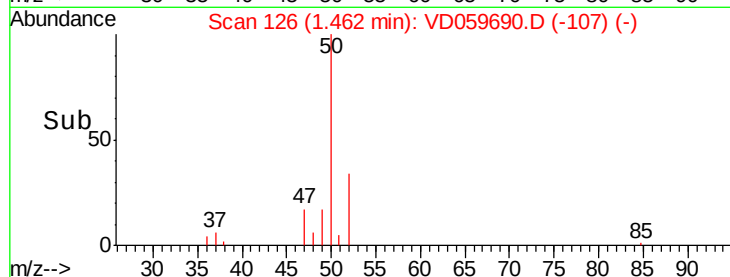
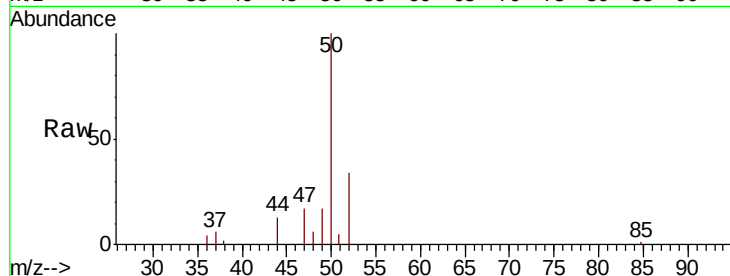
ClientSampleId :

Tot Ion: 50 Resp: 128774

Ion Ratio Lower Upper

50 100

52 34.3 28.2 42.4



#4

Vinyl Chloride

Concen: 107.963 ug/l

RT: 1.53 min Scan# 133

Delta R.T. -0.01 min

Lab File: VD059690.D

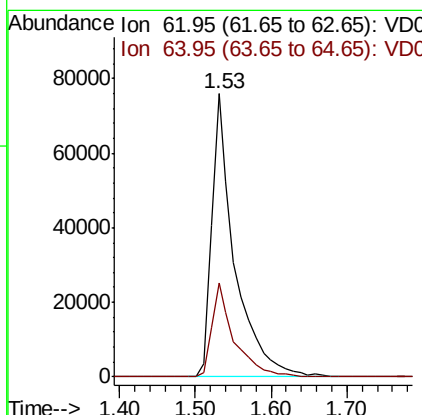
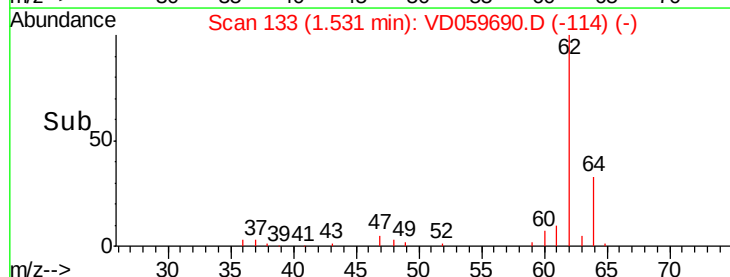
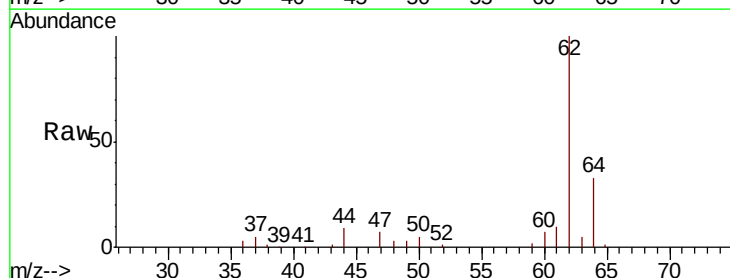
Acq: 6 Aug 2018 13:02

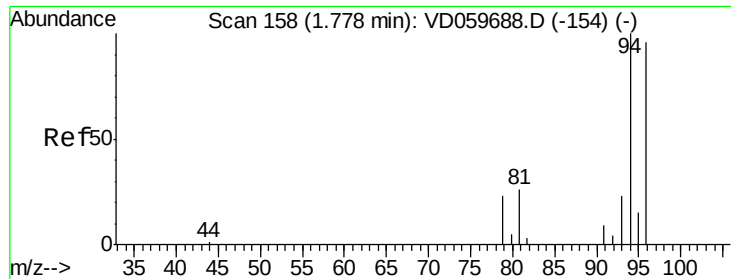
Tgt Ion: 62 Resp: 160173

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 80.559 ug/l

RT: 1.76 min Scan# 156

Delta R.T. -0.02 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

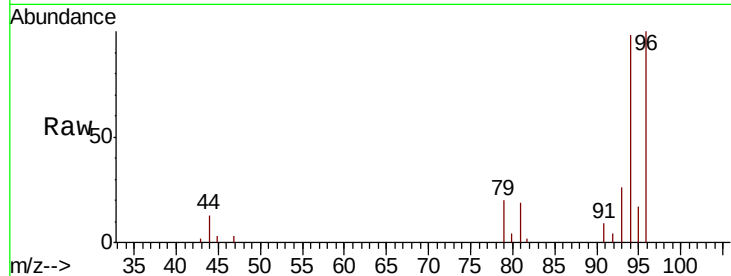
ClientSampleId :

Tot Ion: 94 Resp: 41825

Ion Ratio Lower Upper

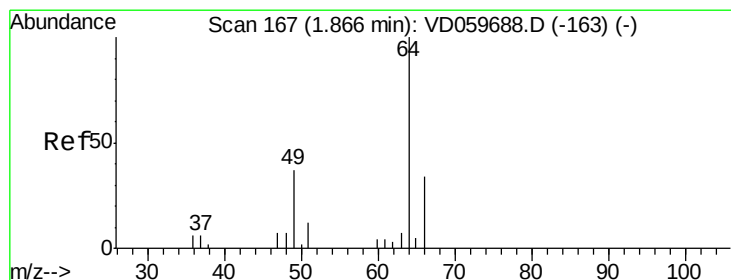
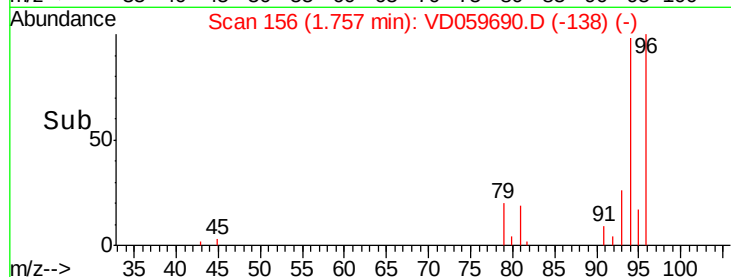
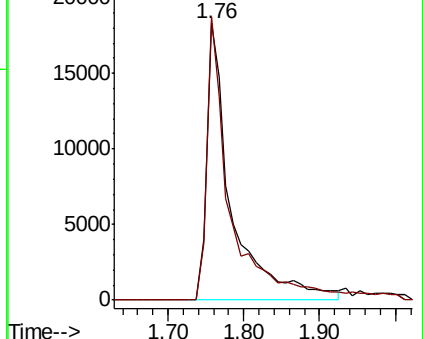
94 100

96 102.2 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 90.760 ug/l

RT: 1.85 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD059690.D

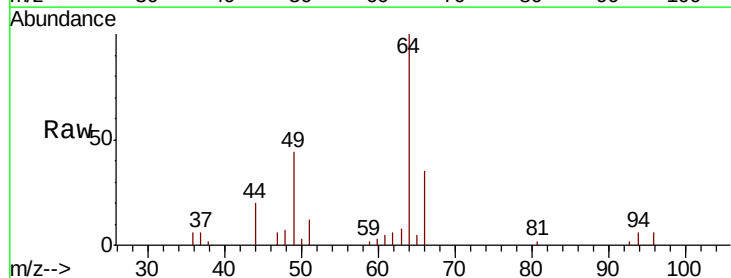
Acq: 6 Aug 2018 13:02

Tgt Ion: 64 Resp: 53833

Ion Ratio Lower Upper

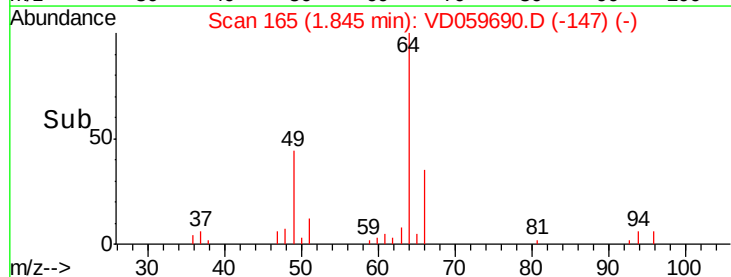
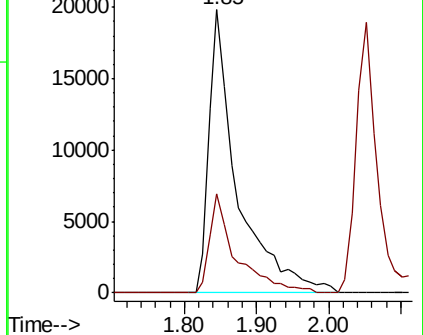
64 100

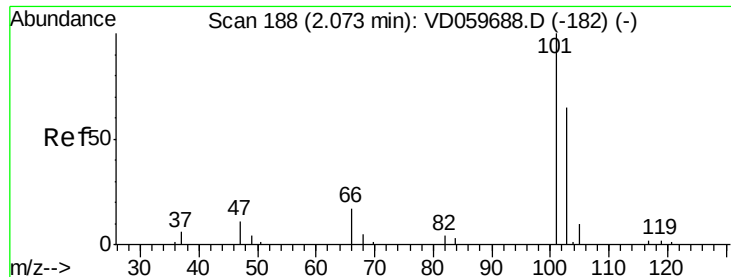
66 35.0 27.2 40.8



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



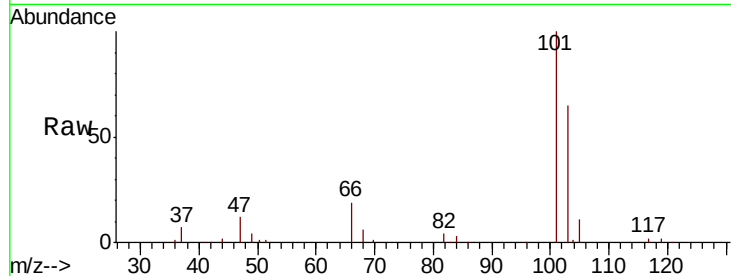


#7

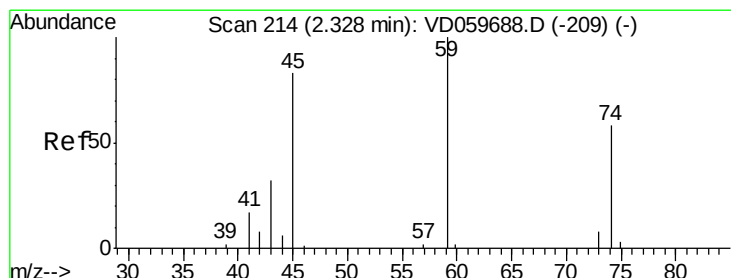
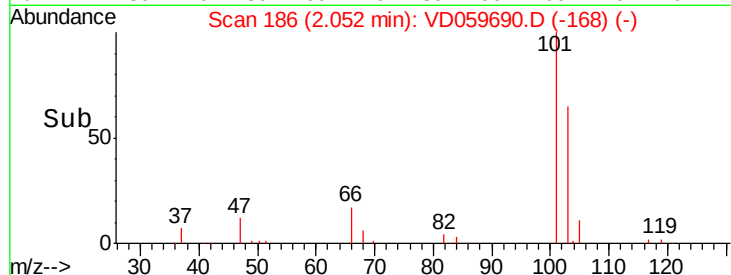
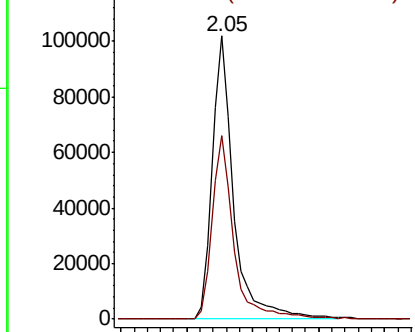
Trichlorofluoromethane
 Concen: 94.349 ug/l
 RT: 2.05 min Scan# 186
 Delta R.T. -0.02 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:101 Resp: 226429
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.7 77.5



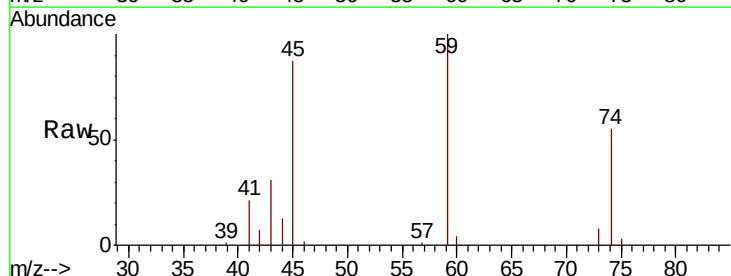
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



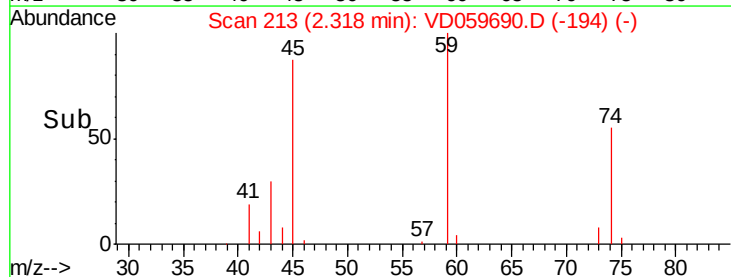
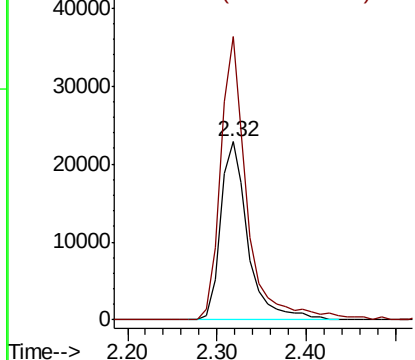
#8

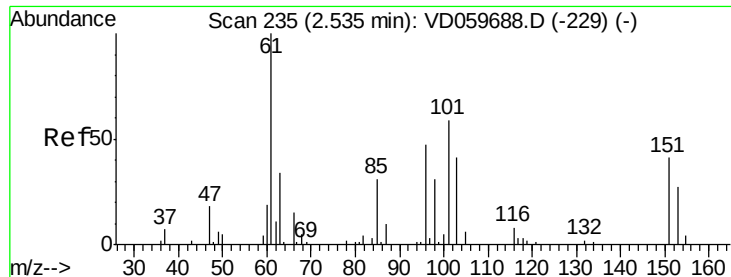
Diethyl Ether
 Concen: 109.852 ug/l
 RT: 2.32 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 74 Resp: 49191
 Ion Ratio Lower Upper
 74 100
 45 158.8 71.4 214.2



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: 97.488 ug/l

RT: 2.52 min Scan# 234

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampled :

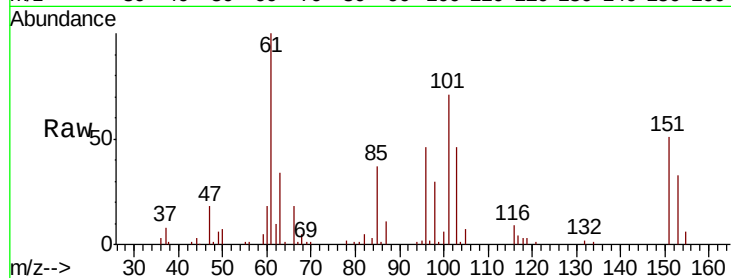
Tot Ion:101 Resp: 135070

Ion Ratio Lower Upper

101 100

85 52.7 42.2 63.4

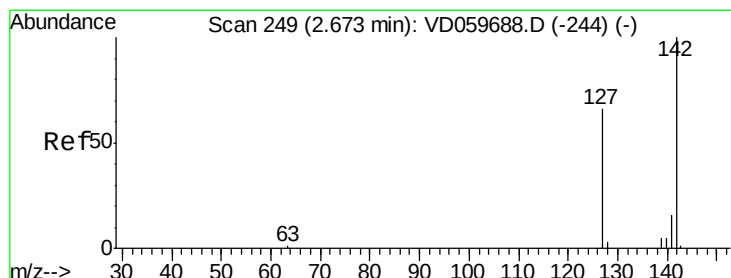
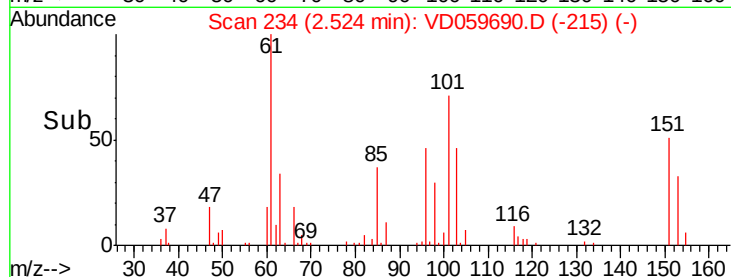
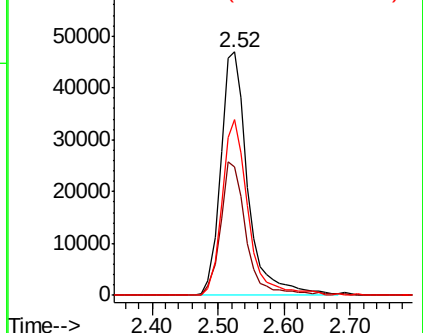
151 72.4 55.2 82.8



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



#10

Methyl Iodide

Concen: 107.816 ug/l

RT: 2.66 min Scan# 248

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

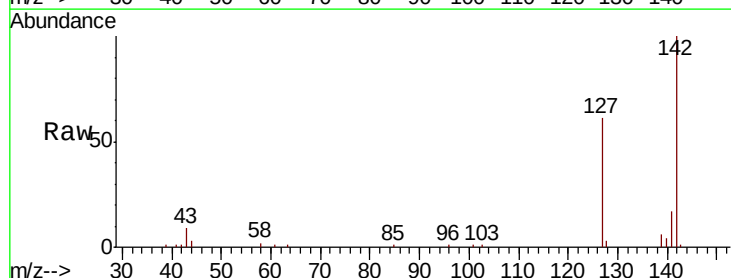
Tgt Ion:142 Resp: 170451

Ion Ratio Lower Upper

142 100

127 60.7 52.6 79.0

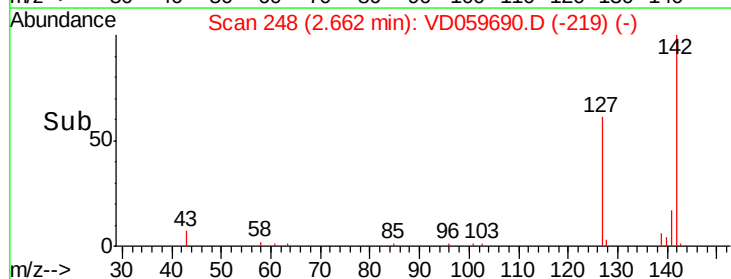
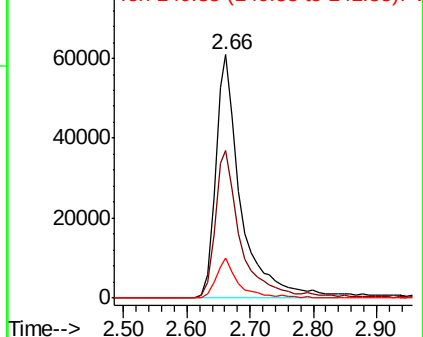
141 16.5 12.5 18.7

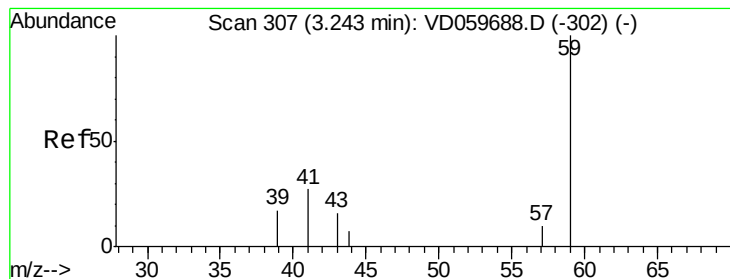


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



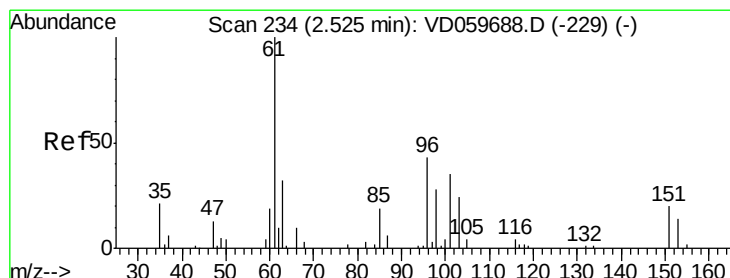
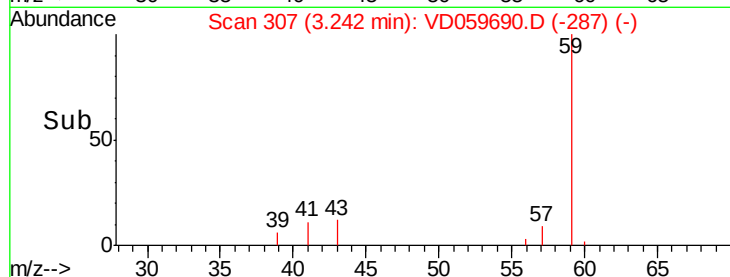
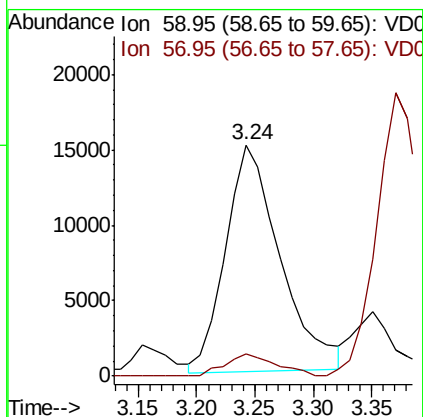
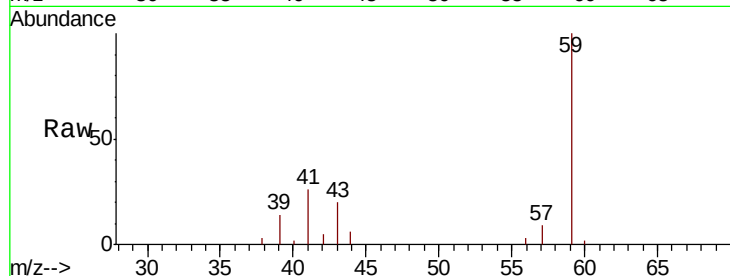


#11

Tert butyl alcohol
 Concen: 522.448 ug/l
 RT: 3.24 min Scan# 307
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

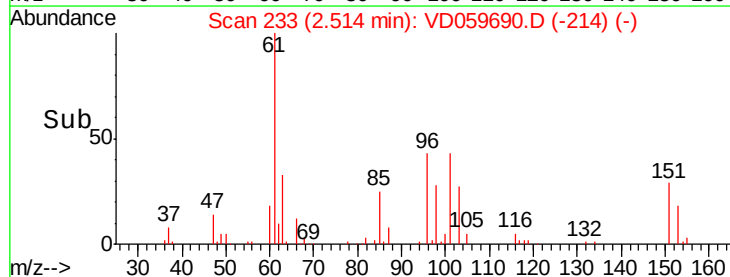
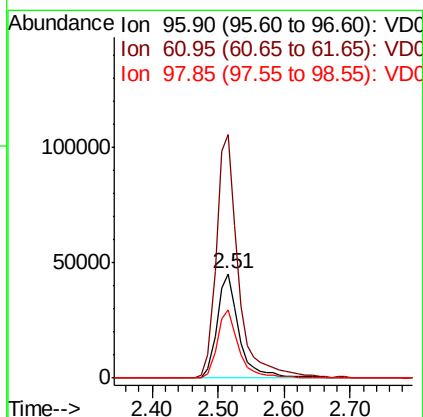
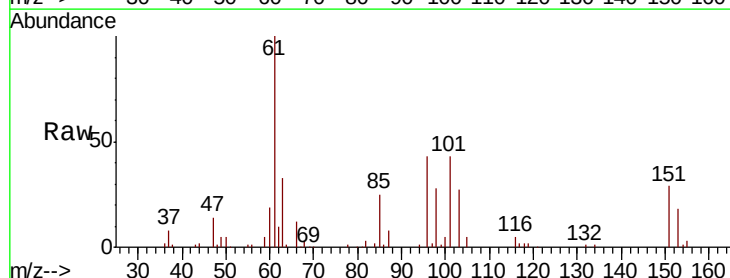
Tot Ion: 59 Resp: 49037
 Ion Ratio Lower Upper
 59 100
 57 9.4 6.8 10.2

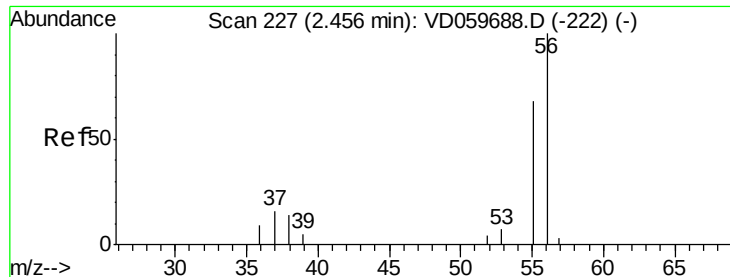


#12

1,1-Dichloroethene
 Concen: 102.196 ug/l
 RT: 2.51 min Scan# 233
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 96 Resp: 104688
 Ion Ratio Lower Upper
 96 100
 61 232.7 184.1 276.1
 98 65.2 52.4 78.6

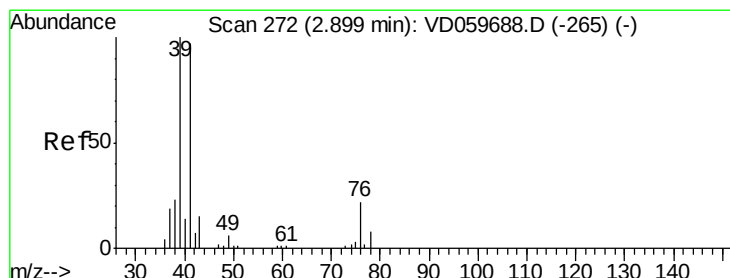
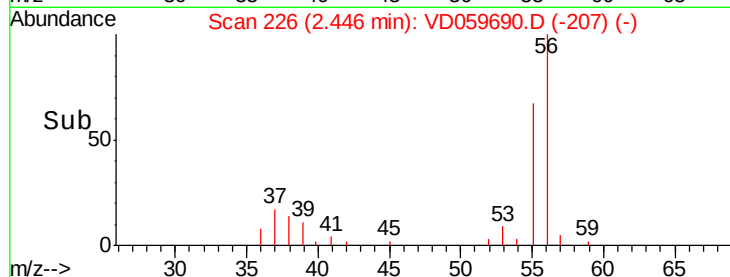
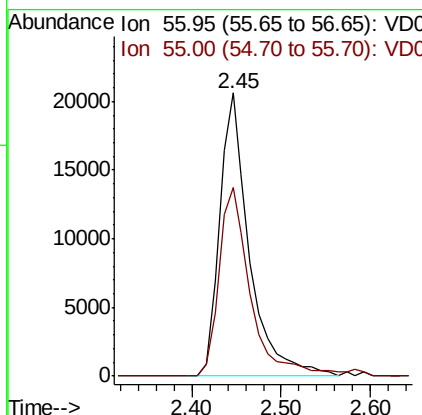
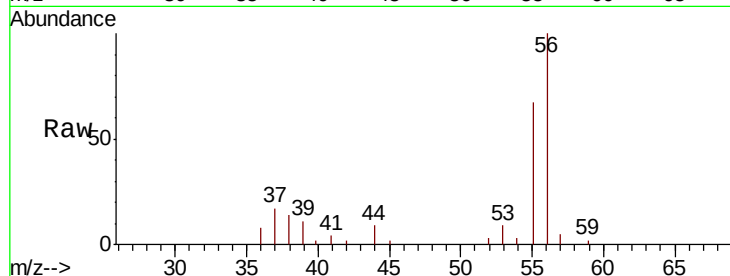




#13
Acrolein
Concen: 533.697 ug/l
RT: 2.45 min Scan# 226
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

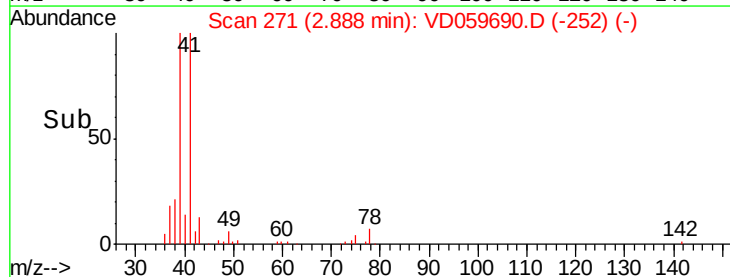
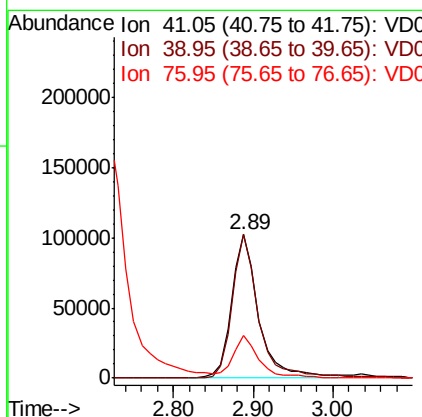
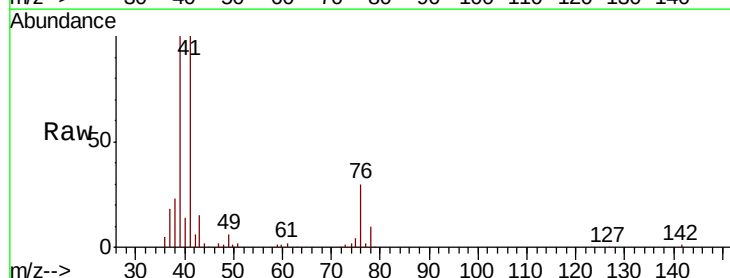
Instrument :
MSVOA_D
ClientSampleId :

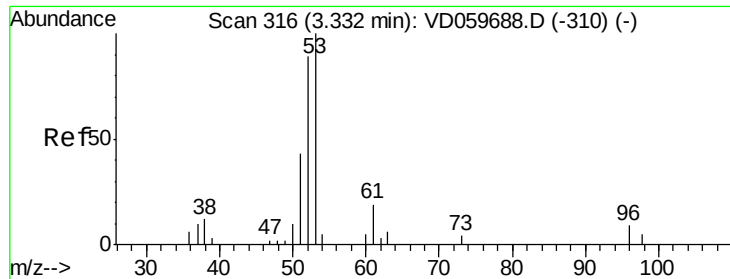
Tot Ion: 56 Resp: 47820
Ion Ratio Lower Upper
56 100
55 66.5 54.4 81.6



#14
Allyl chloride
Concen: 104.548 ug/l
RT: 2.89 min Scan# 271
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 41 Resp: 243279
Ion Ratio Lower Upper
41 100
39 100.5 82.5 123.7
76 29.7 22.1 33.1





#15

Acrylonitrile

Concen: 496.712 ug/l

RT: 3.32 min Scan# 315

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

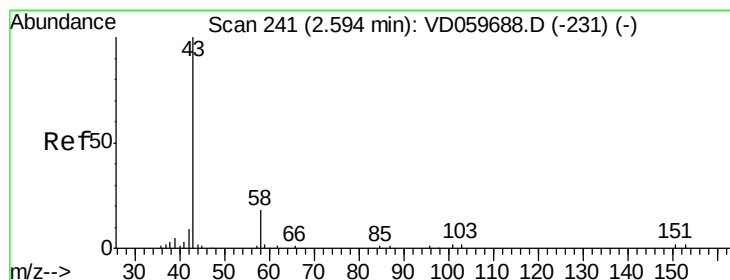
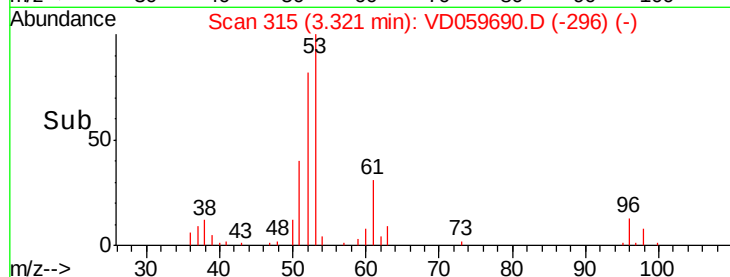
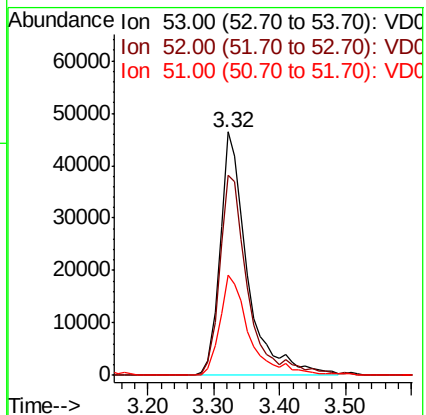
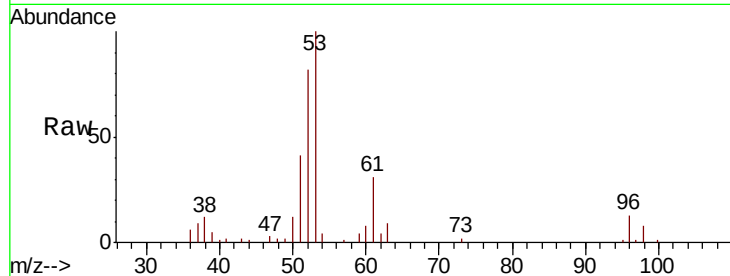
Tot Ion: 53 Resp: 134025

Ion Ratio Lower Upper

53 100

52 82.2 71.4 107.0

51 41.4 34.2 51.4



#16

Acetone

Concen: 521.119 ug/l

RT: 2.58 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD059690.D

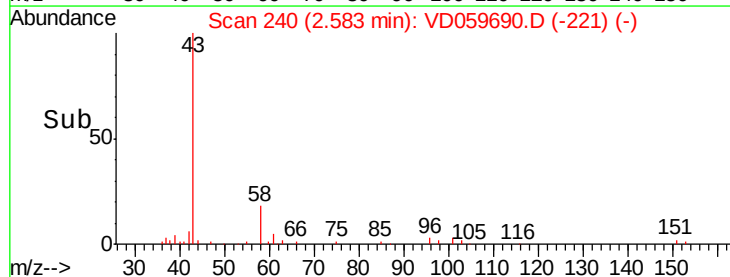
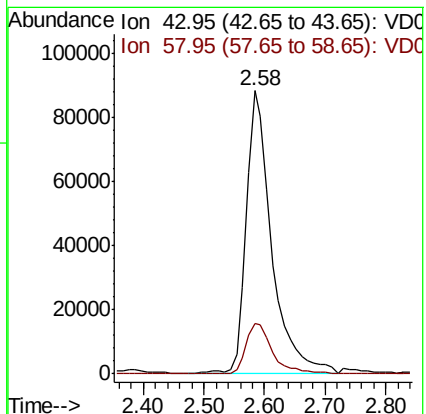
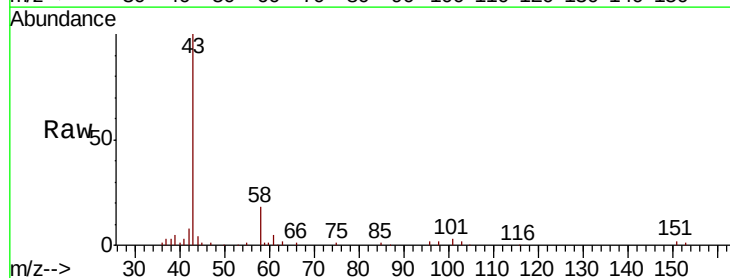
Acq: 6 Aug 2018 13:02

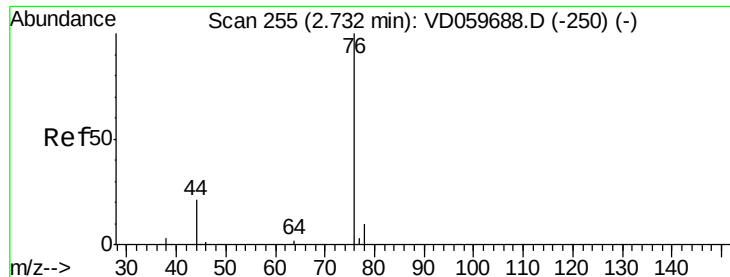
Tgt Ion: 43 Resp: 258393

Ion Ratio Lower Upper

43 100

58 17.7 14.2 21.2

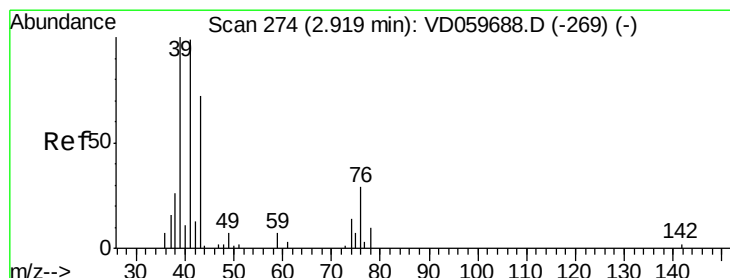
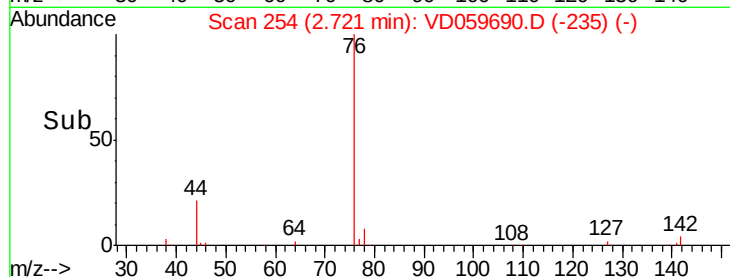
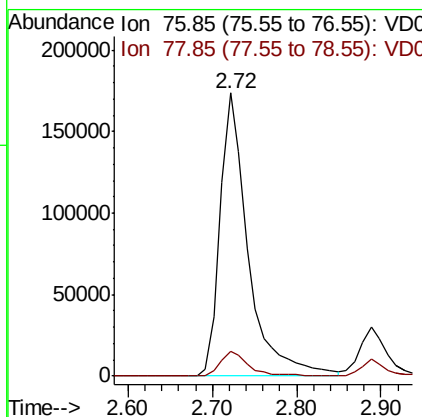
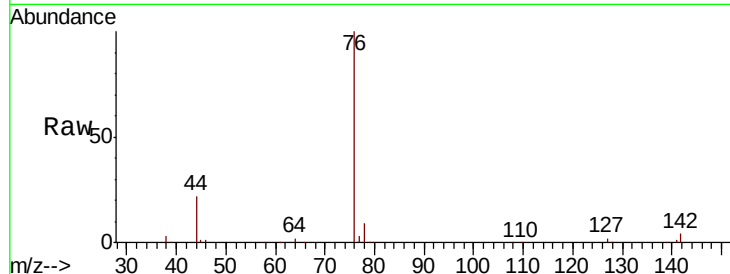




#17
Carbon Disulfide
Concen: 111.365 ug/l
RT: 2.72 min Scan# 254
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

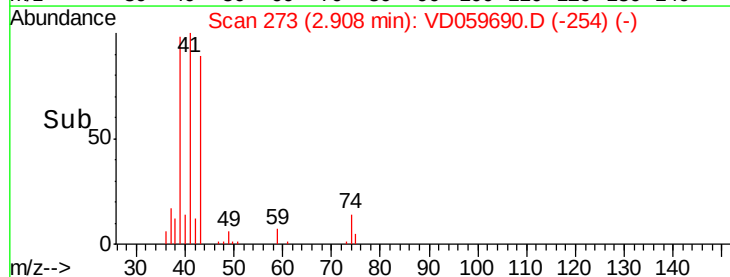
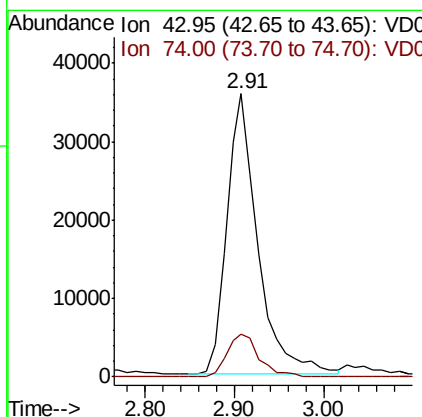
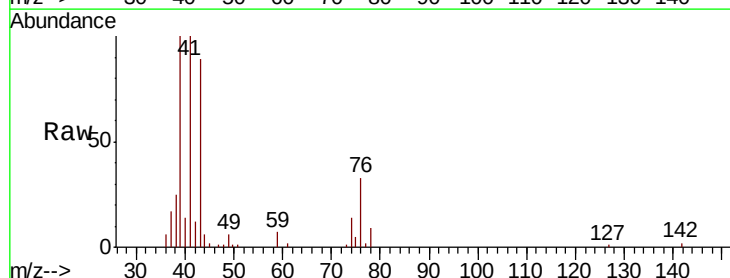
Instrument :
MSVOA_D
ClientSampleId :

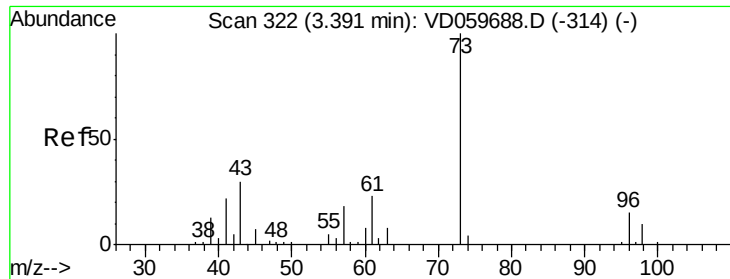
Tot Ion: 76 Resp: 403533
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 97.563 ug/l
RT: 2.91 min Scan# 273
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 43 Resp: 86588
Ion Ratio Lower Upper
43 100
74 15.3 15.7 23.5#

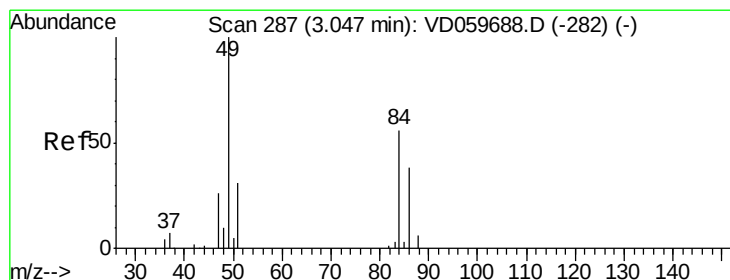
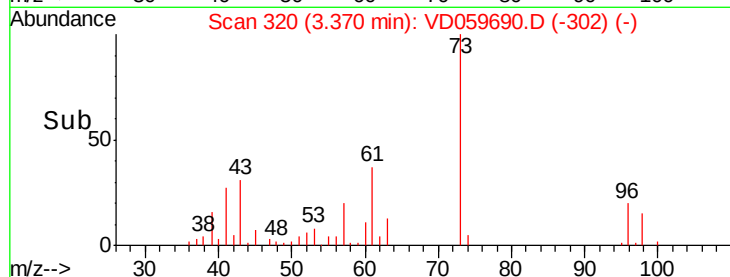
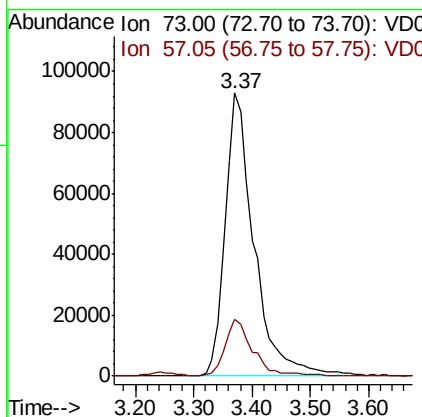
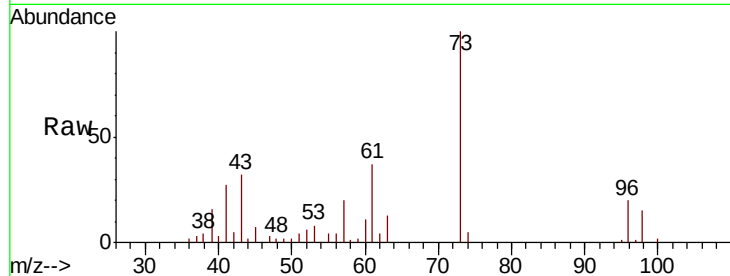




#19
Methyl tert-butyl Ether
Concen: 80.921 ug/l
RT: 3.37 min Scan# 320
Delta R.T. -0.02 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

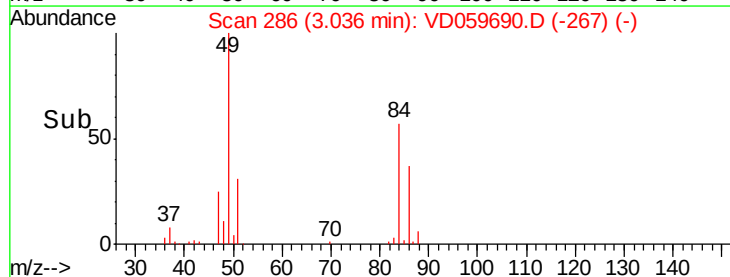
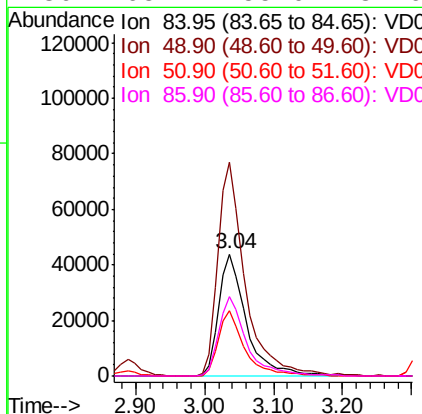
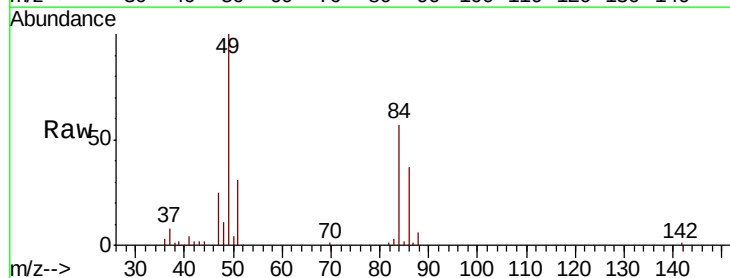
Instrument :
MSVOA_D
ClientSampled :

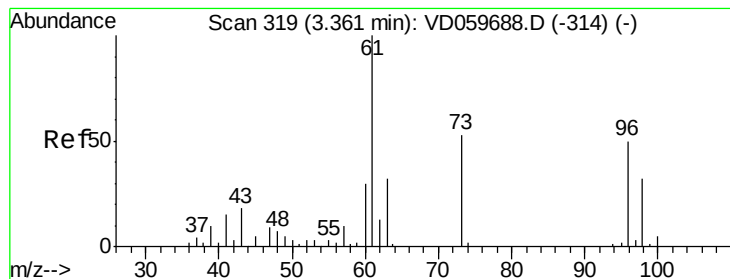
Tot Ion: 73 Resp: 318935
Ion Ratio Lower Upper
73 100
57 20.2 14.3 21.5



#20
Methylene Chloride
Concen: 65.810 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 84 Resp: 121624
Ion Ratio Lower Upper
84 100
49 175.3 143.4 215.2
51 53.9 44.2 66.4
86 65.2 55.0 82.6





#21

trans-1,2-Dichloroethene

Concen: 74.209 ug/l

RT: 3.35 min Scan# 318

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :
MSVOA_D
ClientSampleId :

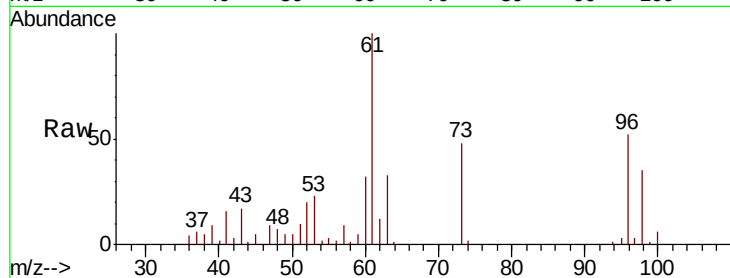
Tot Ion: 96 Resp: 103104

Ion Ratio Lower Upper

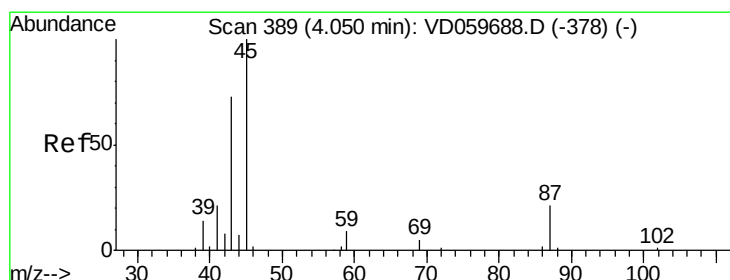
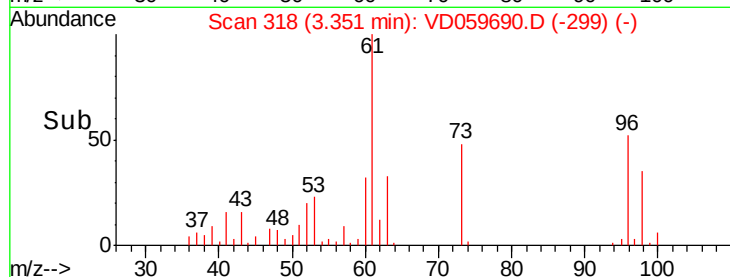
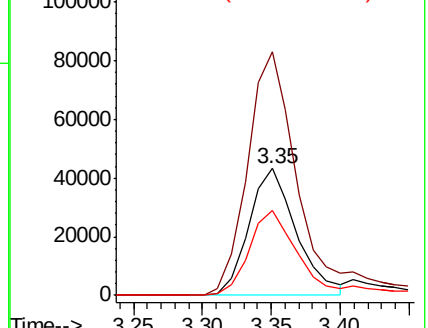
96 100

61 191.9 160.6 241.0

98 67.3 50.9 76.3



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: 97.784 ug/l

RT: 4.04 min Scan# 388

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Tgt Ion: 45 Resp: 519494

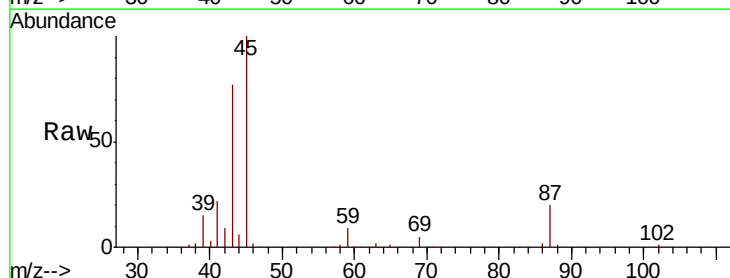
Ion Ratio Lower Upper

45 100

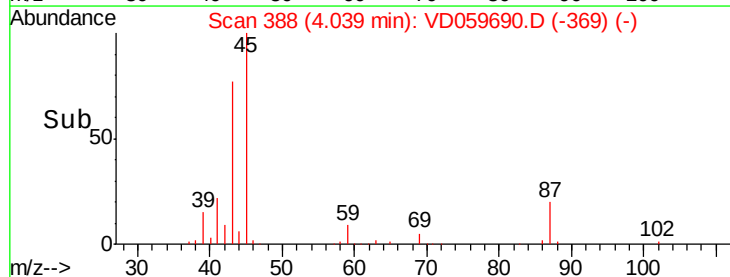
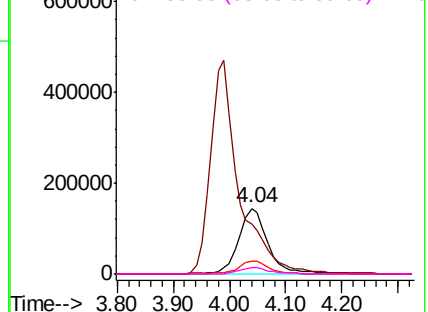
43 77.4 60.3 90.5

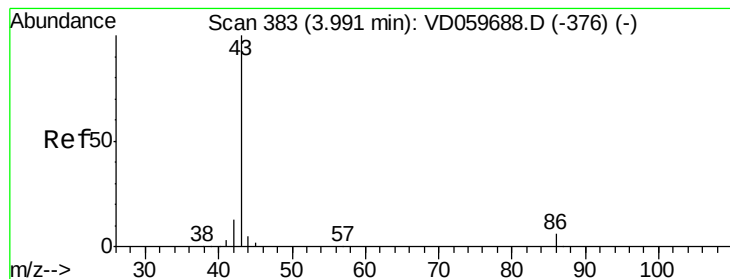
87 20.4 17.0 25.6

59 9.4 7.9 11.9



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: 503.878 ug/l

RT: 3.99 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

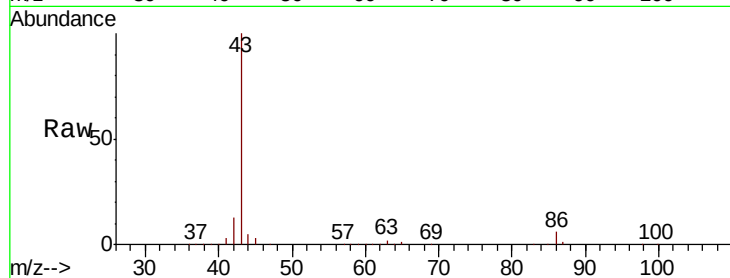
ClientSampleId :

Tot Ion: 43 Resp: 1670774

Ion Ratio Lower Upper

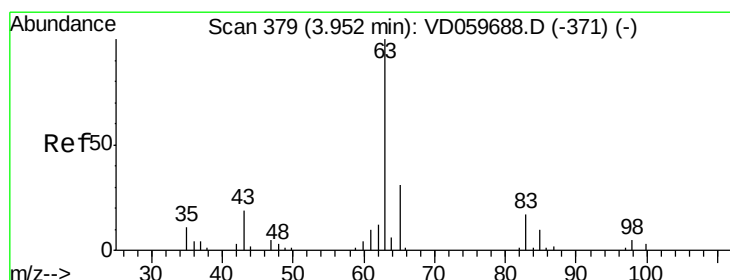
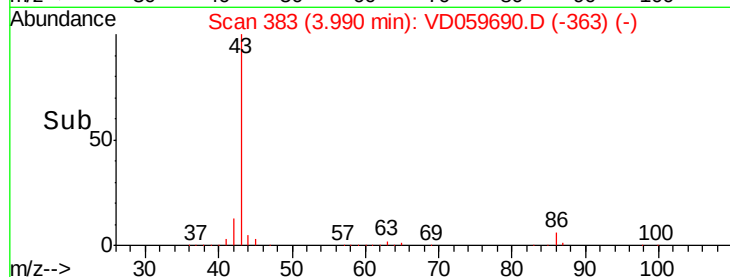
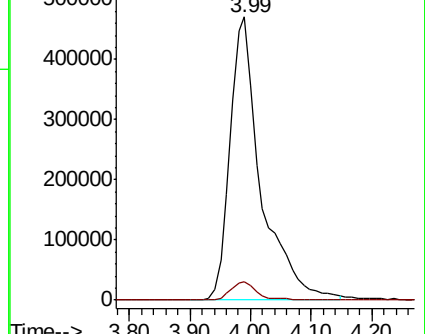
43 100

86 6.4 4.8 7.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 97.092 ug/l

RT: 3.93 min Scan# 377

Delta R.T. -0.02 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

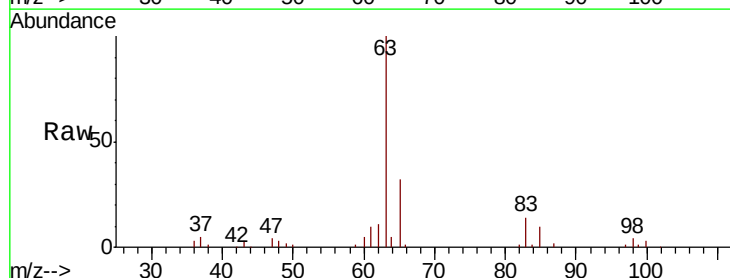
Tgt Ion: 63 Resp: 347400

Ion Ratio Lower Upper

63 100

98 4.4 2.4 7.1

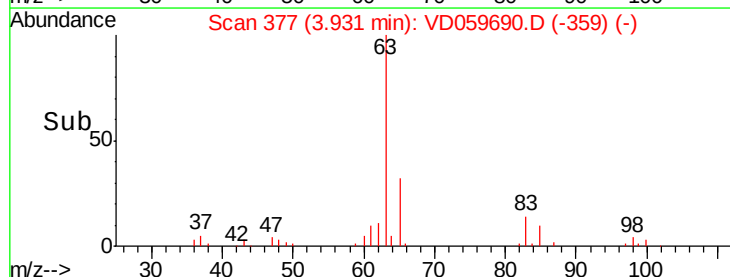
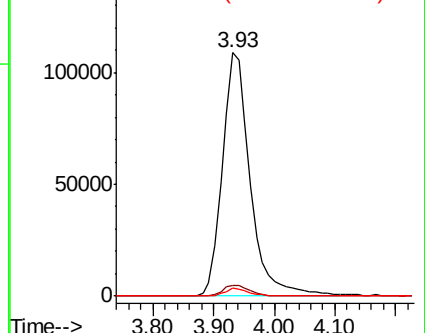
100 3.1 1.6 4.8

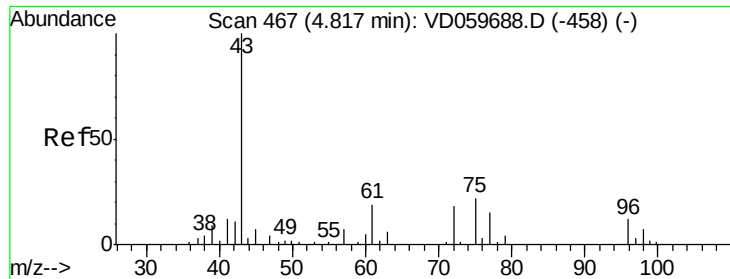


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 543.847 ug/l

RT: 4.81 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

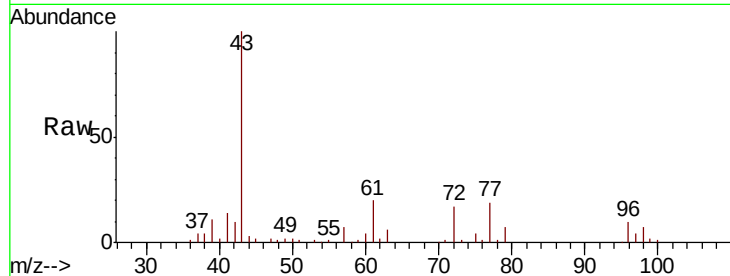
ClientSampleId :

Tot Ion: 43 Resp: 343835

Ion Ratio Lower Upper

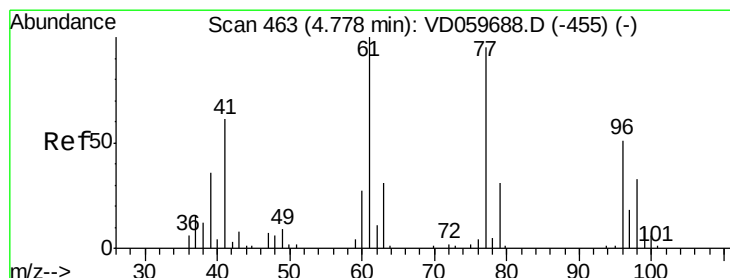
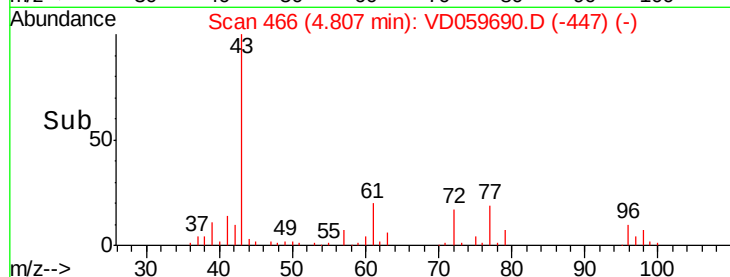
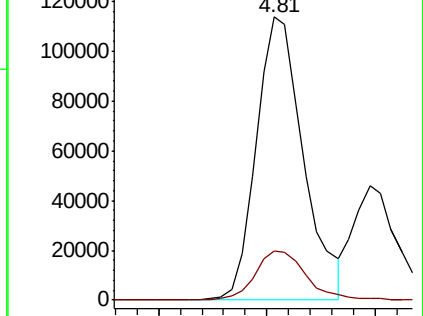
43 100

72 17.4 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 95.215 ug/l

RT: 4.77 min Scan# 462

Delta R.T. -0.01 min

Lab File: VD059690.D

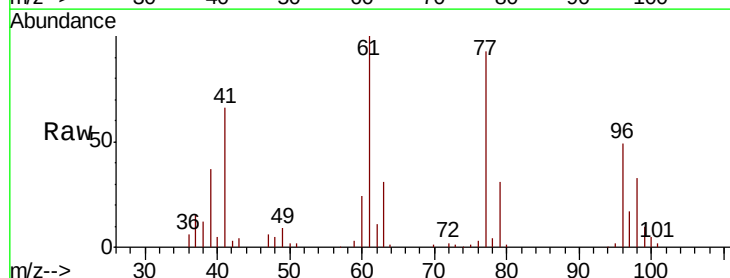
Acq: 6 Aug 2018 13:02

Tgt Ion: 77 Resp: 369946

Ion Ratio Lower Upper

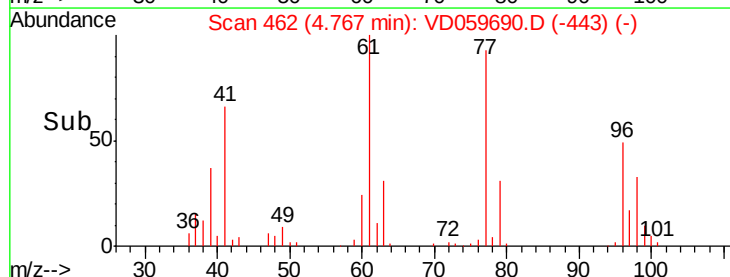
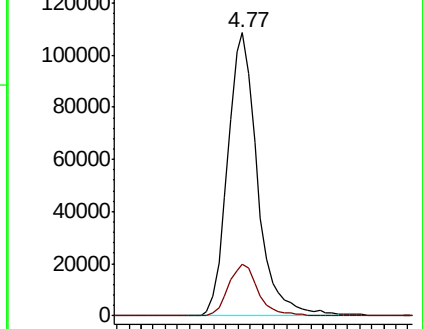
77 100

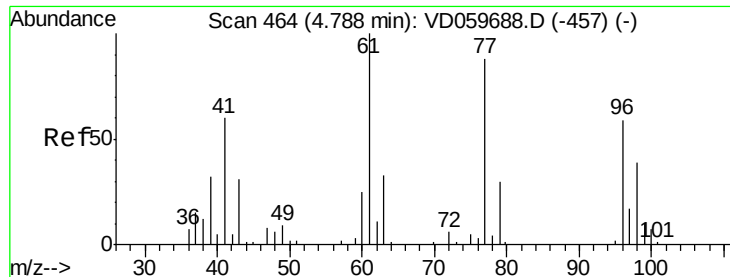
97 18.3 9.4 28.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



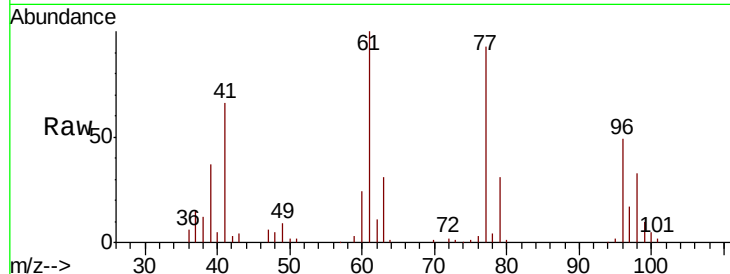


#27

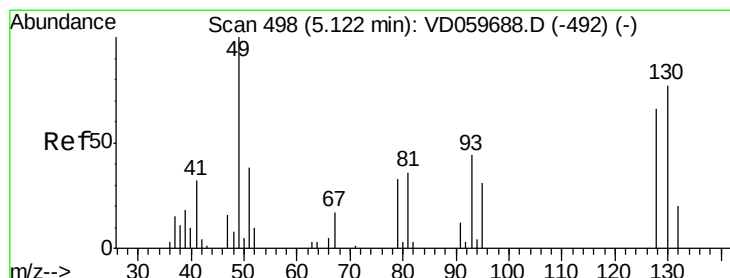
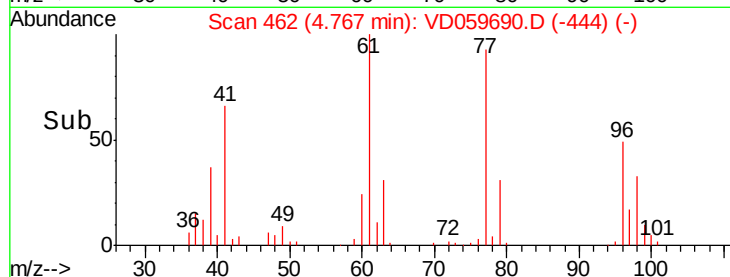
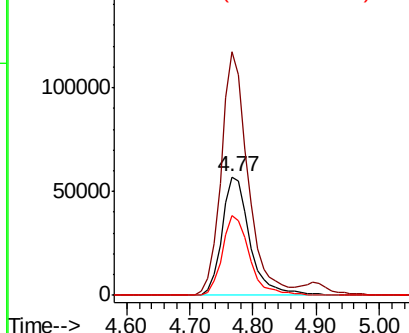
cis-1,2-Dichloroethene
 Concen: 93.364 ug/l
 RT: 4.77 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 96 Resp: 175387
 Ion Ratio Lower Upper
 96 100
 61 205.6 0.0 341.6
 98 67.4 0.0 131.0



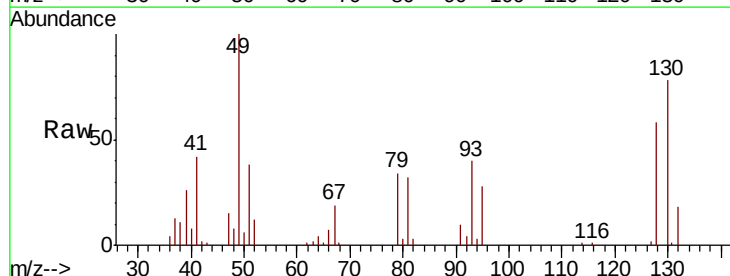
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



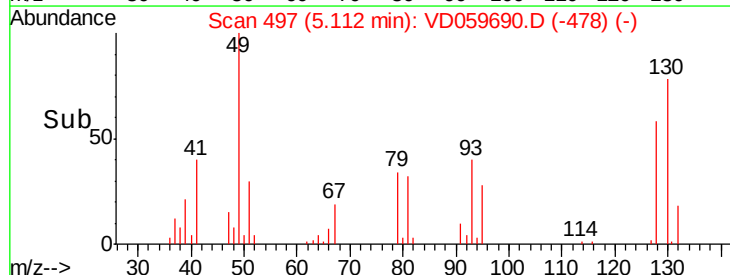
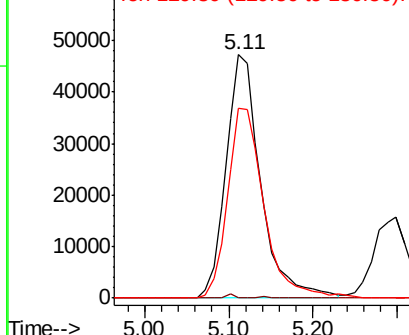
#28

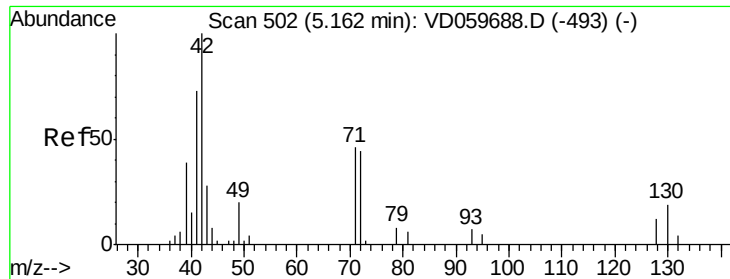
Bromochloromethane
 Concen: 101.686 ug/l
 RT: 5.11 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 49 Resp: 134858
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 77.9 61.2 91.8



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

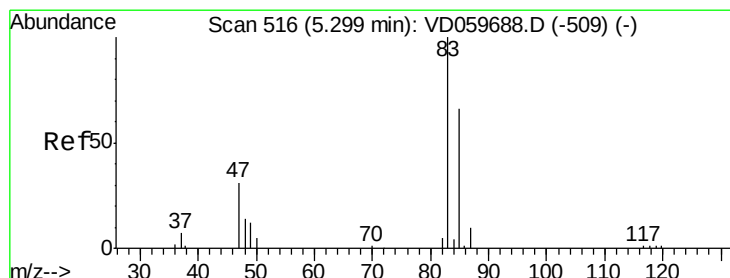
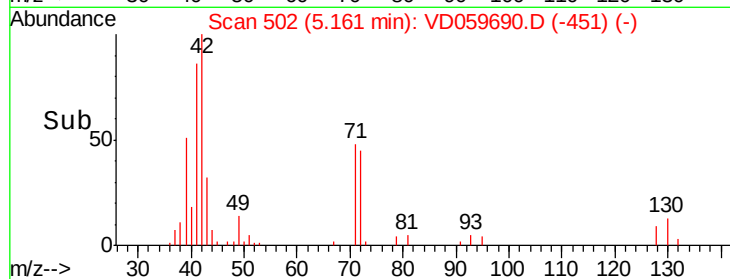
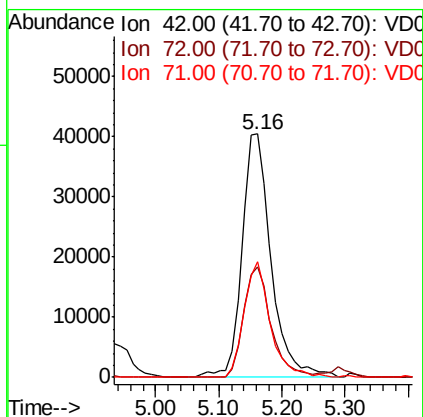
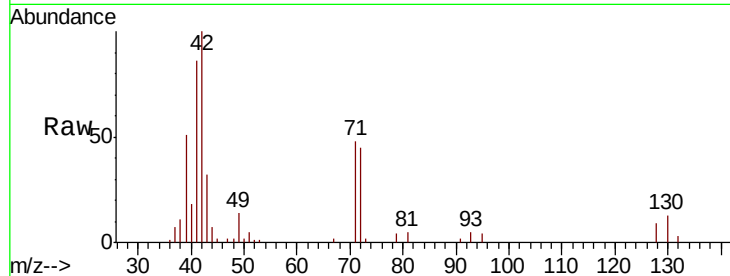




#29
Tetrahydrofuran
Concen: 522.302 ug/l
RT: 5.16 min Scan# 502
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

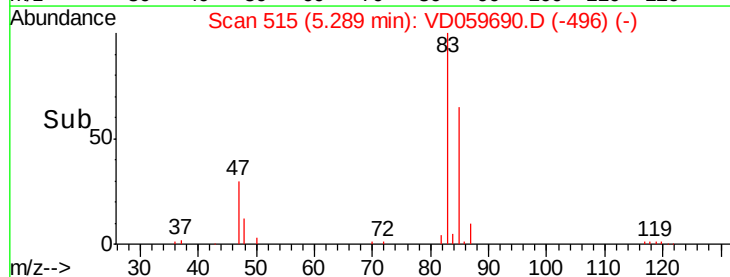
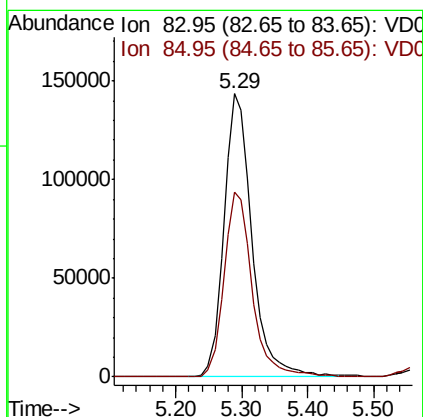
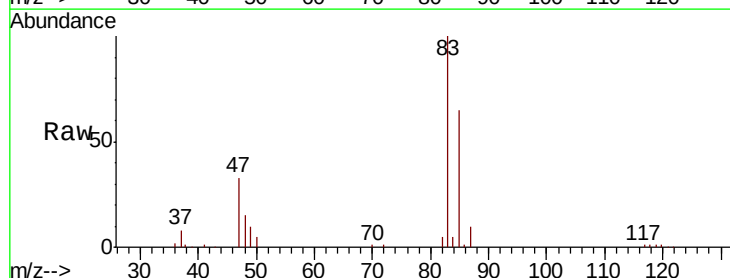
Instrument :
MSVOA_D
ClientSampleId :

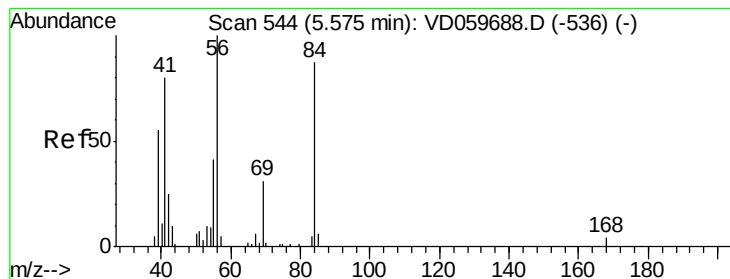
Tot Ion: 42 Resp: 129199
Ion Ratio Lower Upper
42 100
72 42.8 36.7 55.1
71 43.2 36.3 54.5



#30
Chloroform
Concen: 98.488 ug/l
RT: 5.29 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 83 Resp: 425383
Ion Ratio Lower Upper
83 100
85 65.2 52.6 79.0





#31

Cyclohexane

Concen: 87.286 ug/l

RT: 5.56 min Scan# 543

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

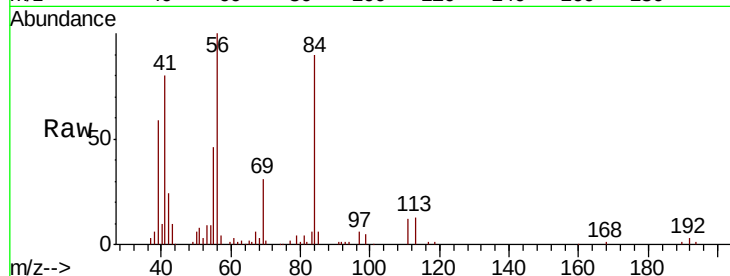
Tot Ion: 56 Resp: 227356

Ion Ratio Lower Upper

56 100

69 30.7 24.7 37.1

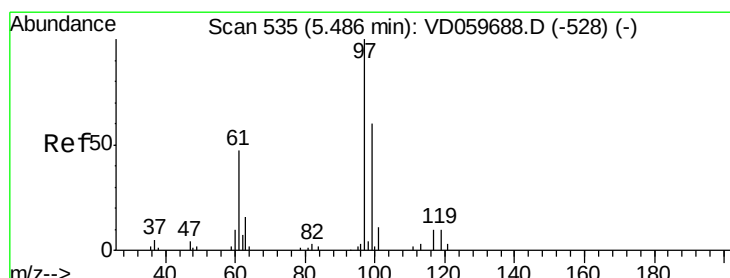
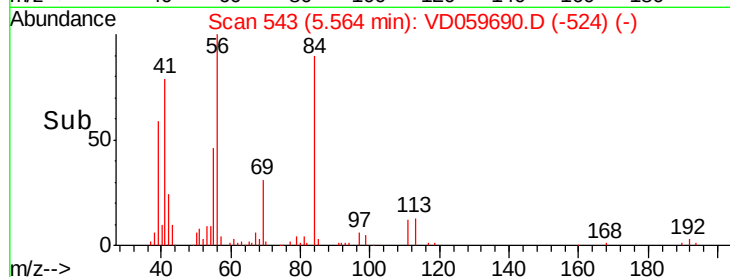
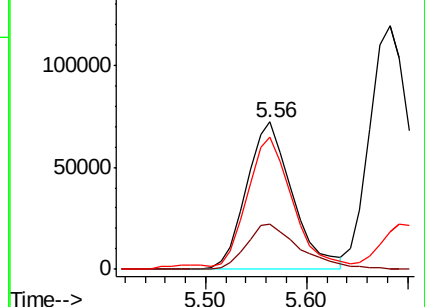
84 90.3 72.2 108.2



Abundance Ion 55.95 (55.65 to 56.65): VD059688.D (-536) (-)

Ion 69.00 (68.70 to 69.70): VD059688.D (-536) (-)

Ion 84.05 (83.75 to 84.75): VD059688.D (-536) (-)



#32

1,1,1-Trichloroethane

Concen: 100.582 ug/l

RT: 5.48 min Scan# 534

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

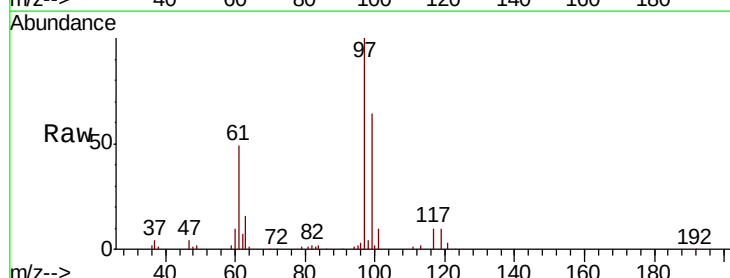
Tgt Ion: 97 Resp: 425772

Ion Ratio Lower Upper

97 100

99 63.9 48.2 72.2

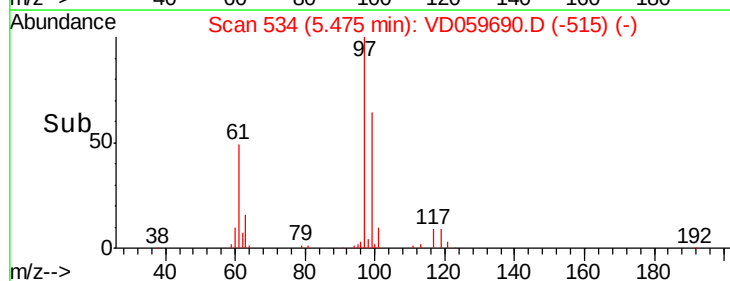
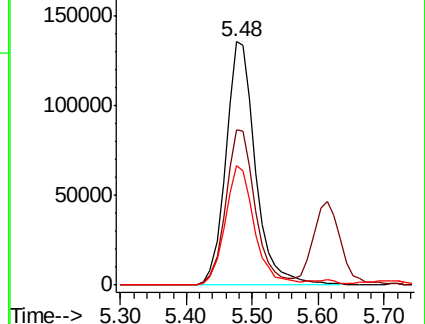
61 49.0 37.5 56.3

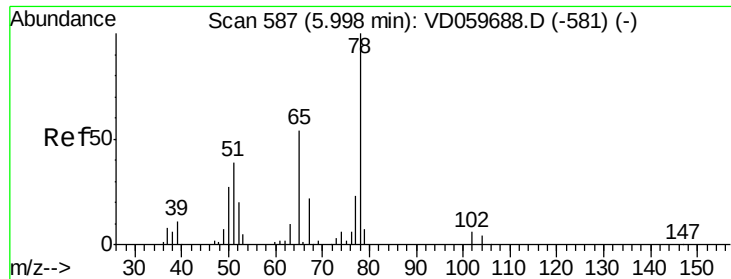


Abundance Ion 96.85 (96.55 to 97.55): VD059688.D (-528) (-)

Ion 98.85 (98.55 to 99.55): VD059688.D (-528) (-)

Ion 60.95 (60.65 to 61.65): VD059688.D (-528) (-)

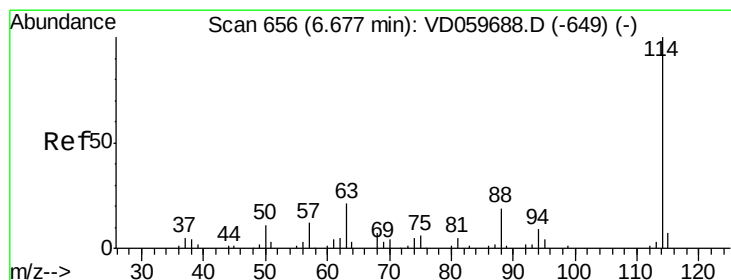
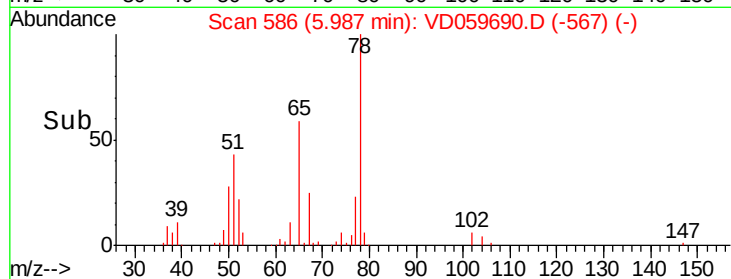
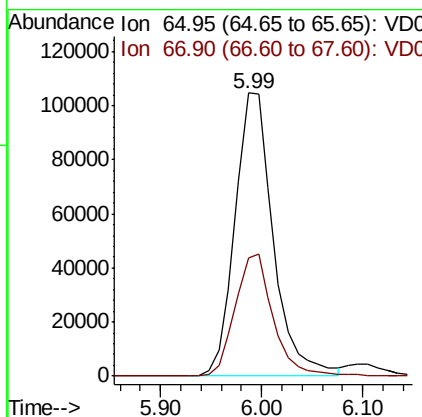
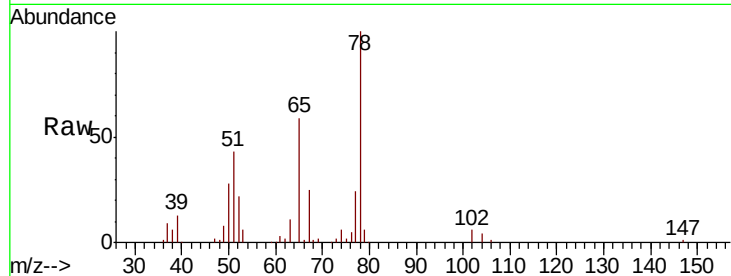




#33
 1,2-Dichloroethane-d4
 Concen: 100.582 ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

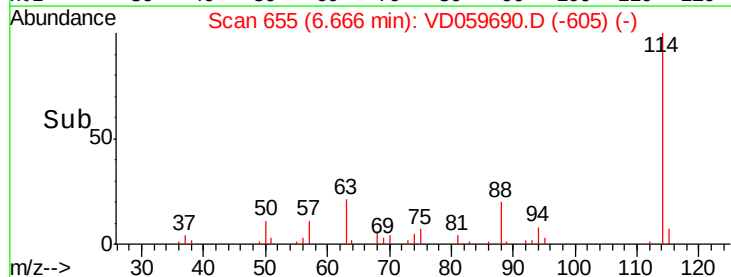
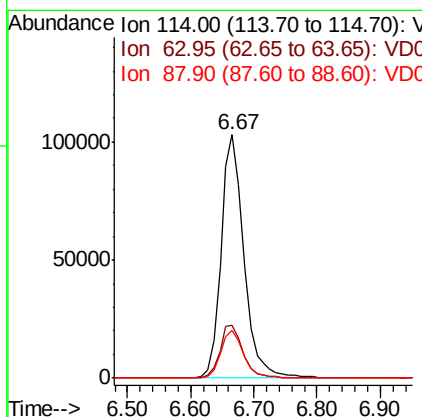
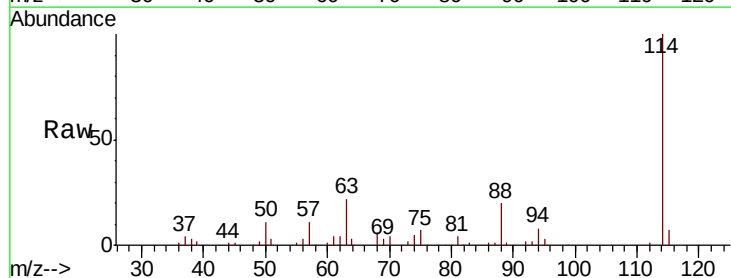
Instrument :
 MSVOA_D
 ClientSampled :

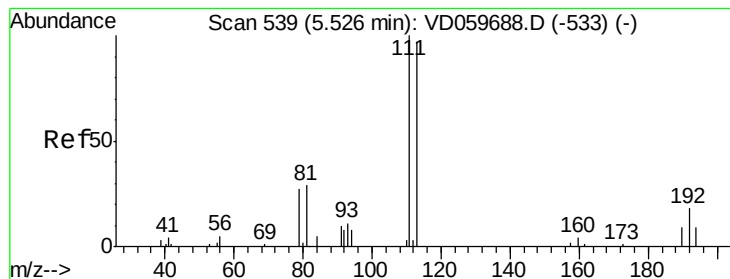
Tot Ion: 65 Resp: 276740
 Ion Ratio Lower Upper
 65 100
 67 41.8 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 114 Resp: 258649
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.6
 88 19.8 0.0 38.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.52 min Scan# 539

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleID :

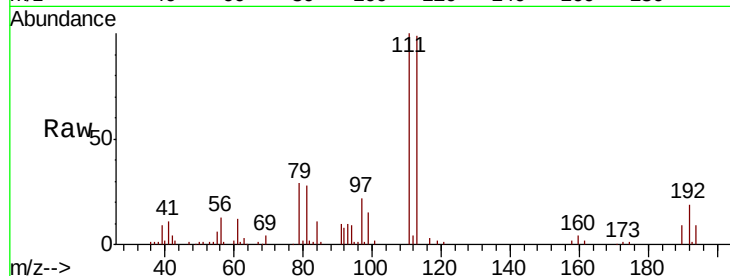
Tot Ion:113 Resp: 238504

Ion Ratio Lower Upper

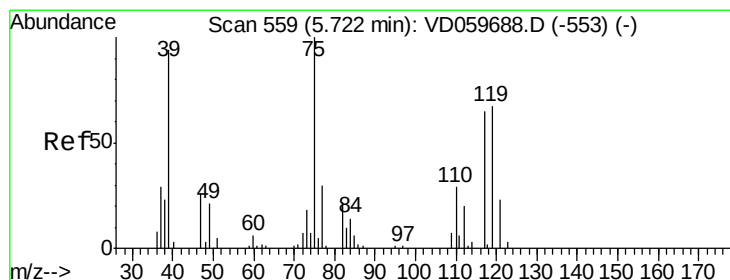
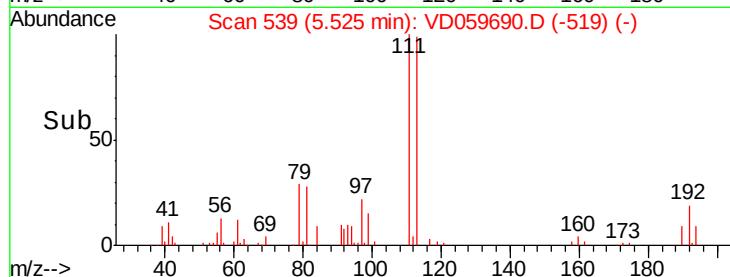
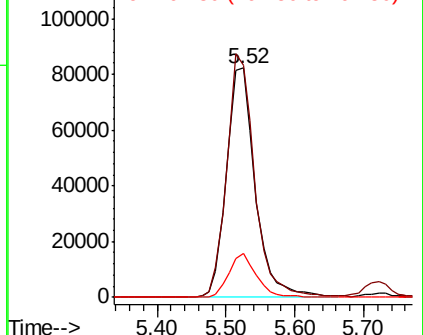
113 100

111 101.1 82.8 124.2

192 19.3 14.6 22.0



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: 93.944 ug/l

RT: 5.72 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

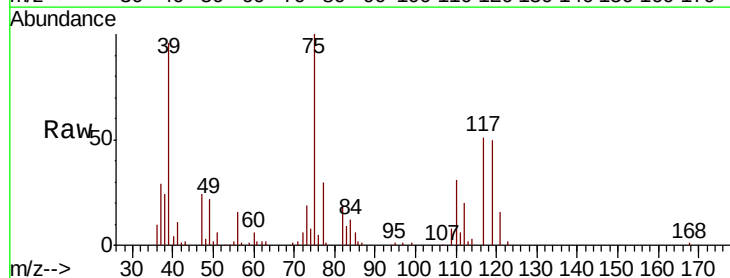
Tgt Ion: 75 Resp: 271637

Ion Ratio Lower Upper

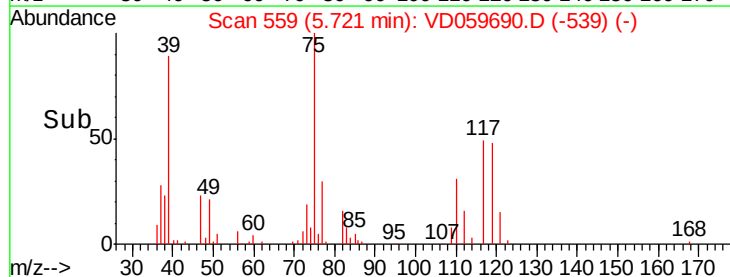
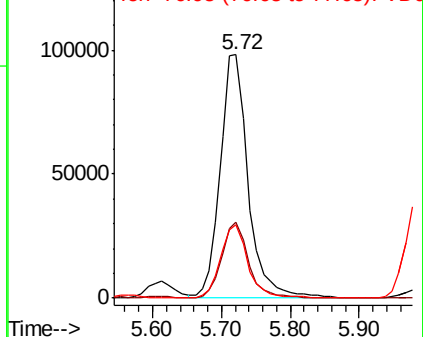
75 100

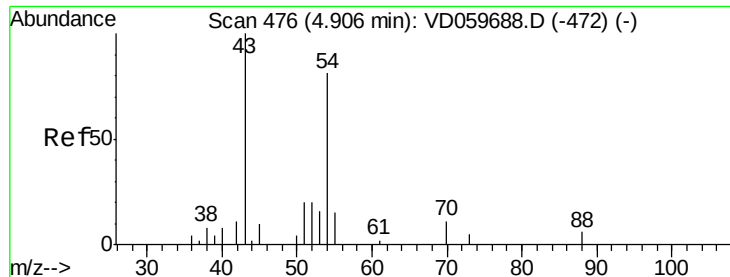
110 31.4 14.1 42.3

77 30.2 23.9 35.9



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

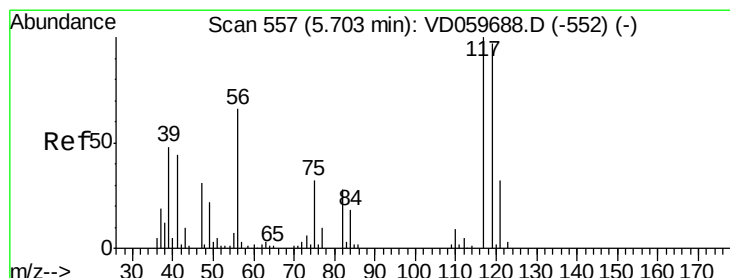
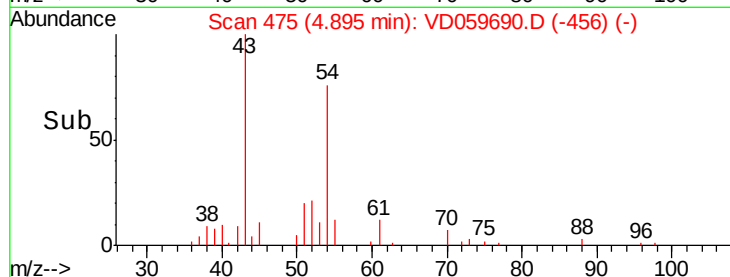
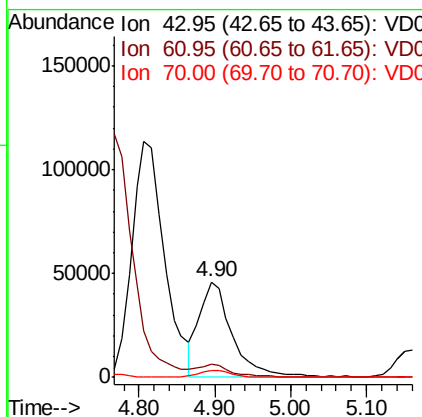
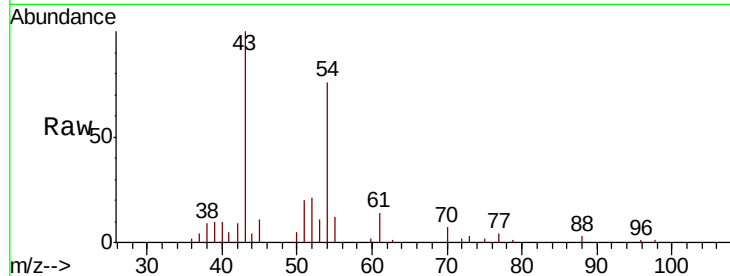




#37
Ethyl Acetate
Concen: 99.604 ug/l
RT: 4.90 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

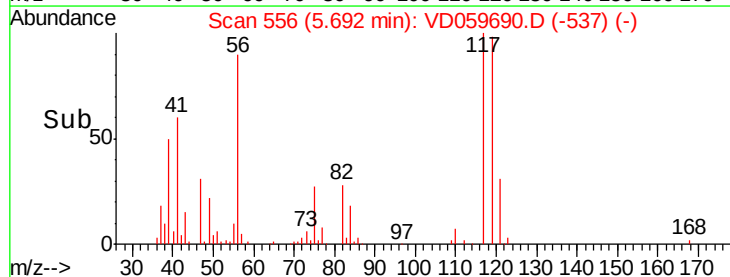
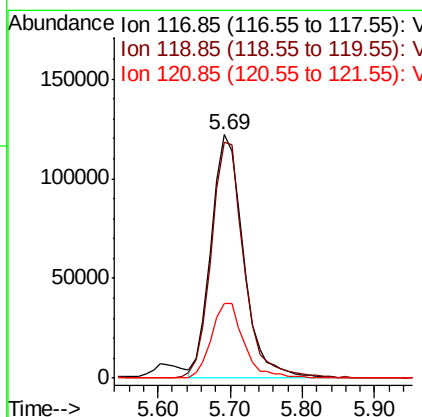
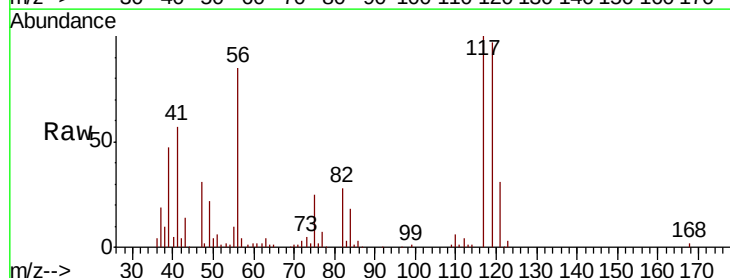
Instrument :
MSVOA_D
ClientSampleId :

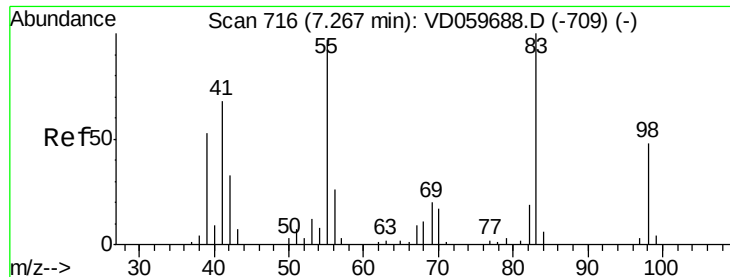
Tot Ion: 43 Resp: 135463
Ion Ratio Lower Upper
43 100
61 13.5 10.1 15.1
70 7.0 5.4 8.2



#38
Carbon Tetrachloride
Concen: 95.463 ug/l
RT: 5.69 min Scan# 556
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 117 Resp: 373852
Ion Ratio Lower Upper
117 100
119 97.1 75.3 112.9
121 30.5 24.4 36.6

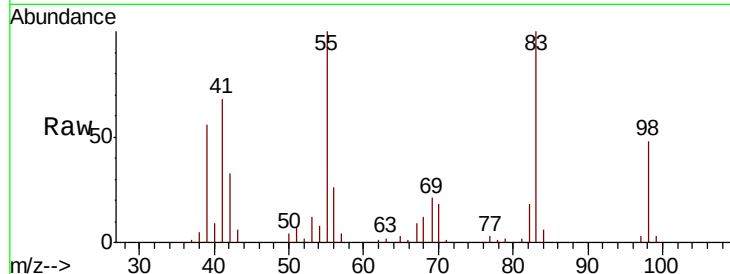




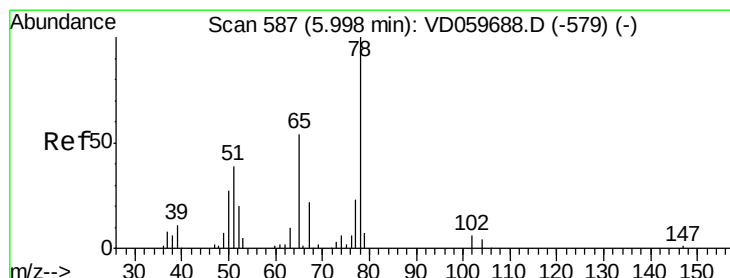
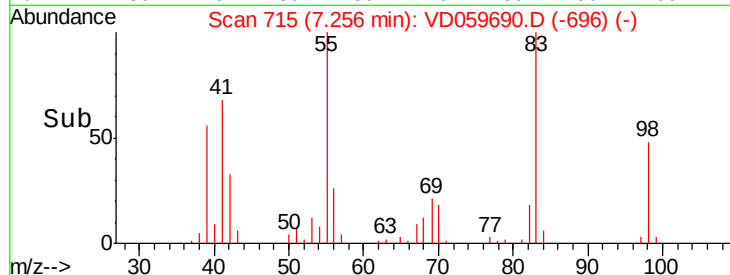
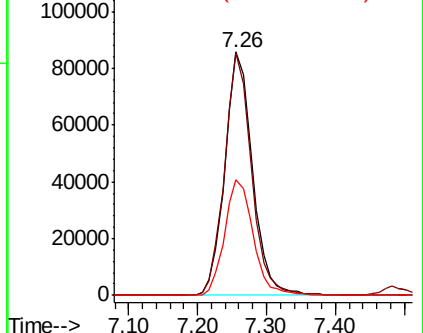
#39
Methylvlcyclohexane
Concen: 99.606 ug/l
RT: 7.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 238389
Ion Ratio Lower Upper
83 100
55 99.8 77.7 116.5
98 47.7 38.7 58.1

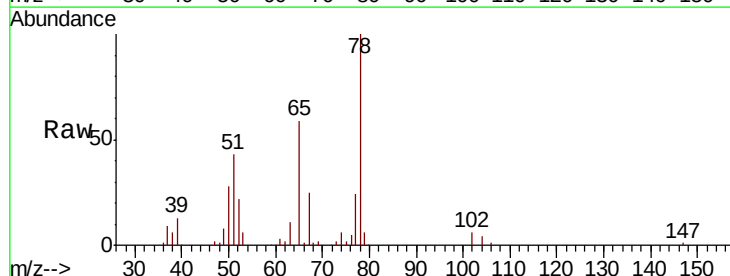


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

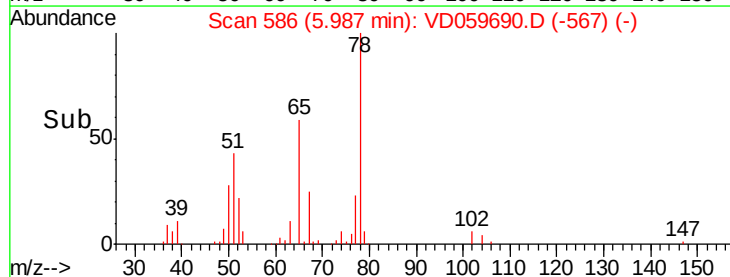
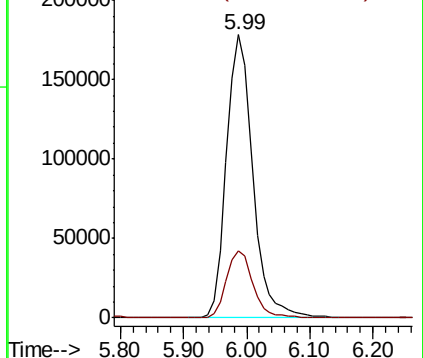


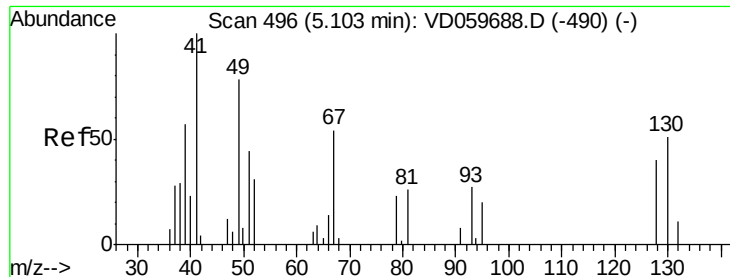
#40
Benzene
Concen: 92.468 ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 78 Resp: 515338
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6



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

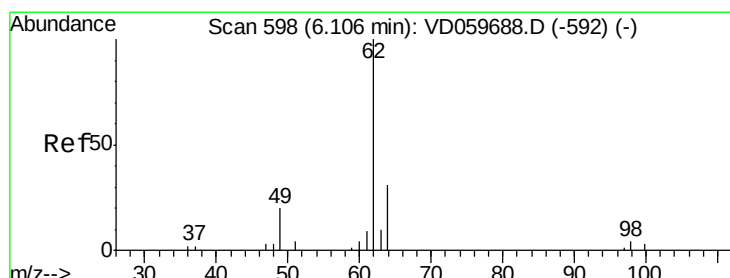
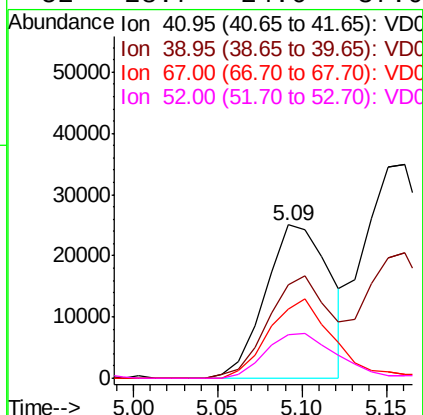
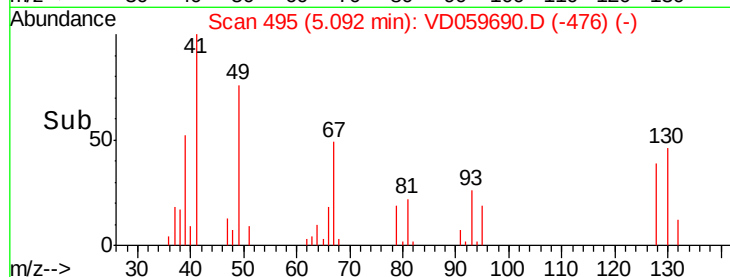
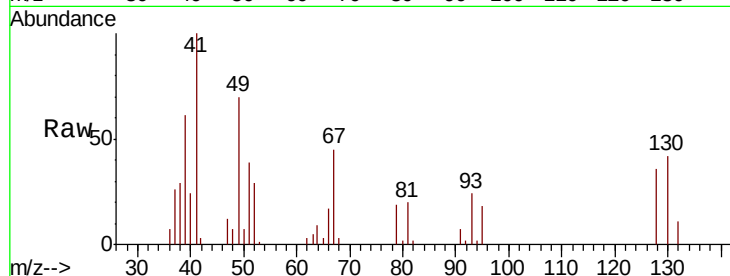




#41
Methacrylonitrile
Concen: 101.428 ug/l
RT: 5.09 min Scan# 495
Delta R.T. -0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

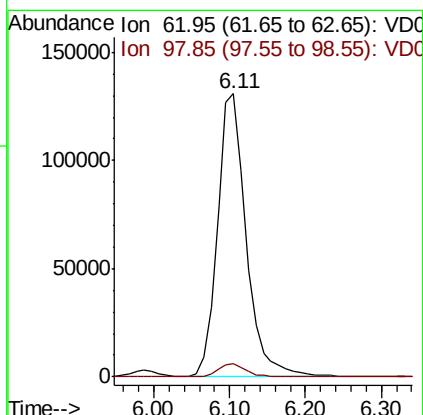
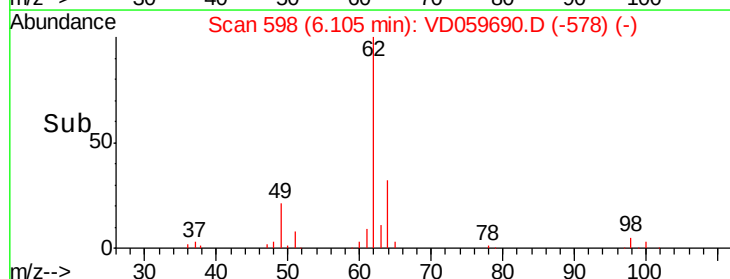
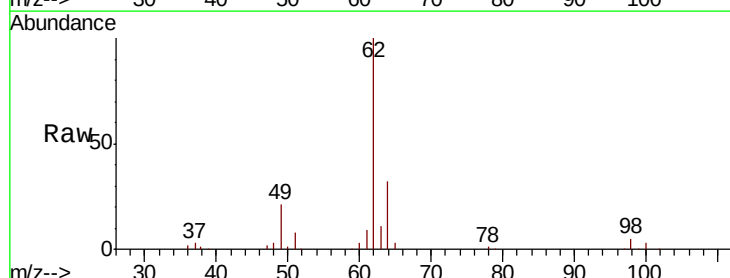
Instrument :
MSVOA_D
ClientSampled :

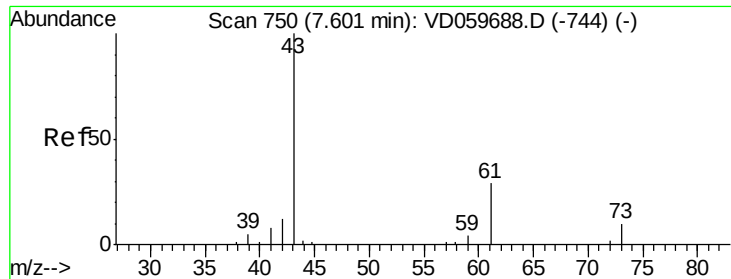
Tot Ion: 41 Resp: 66834
Ion Ratio Lower Upper
41 100
39 61.1 45.8 68.8
67 45.2 43.4 65.2
52 28.7 24.6 37.0



#42
1,2-Dichloroethane
Concen: 100.654 ug/l
RT: 6.11 min Scan# 598
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 62 Resp: 345416
Ion Ratio Lower Upper
62 100
98 4.5 0.0 8.8





#43

Isopropyl Acetate

Concen: 103.053 ug/l

RT: 7.60 min Scan# 750

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

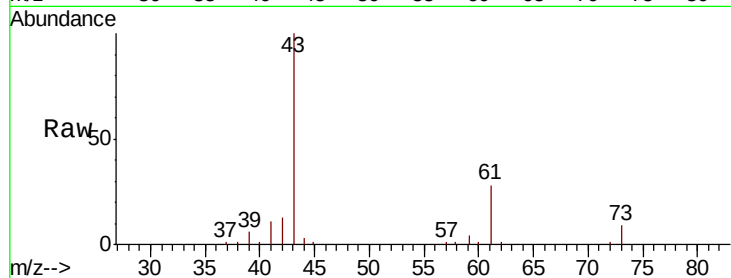
Tot Ion: 43 Resp: 185685

Ion Ratio Lower Upper

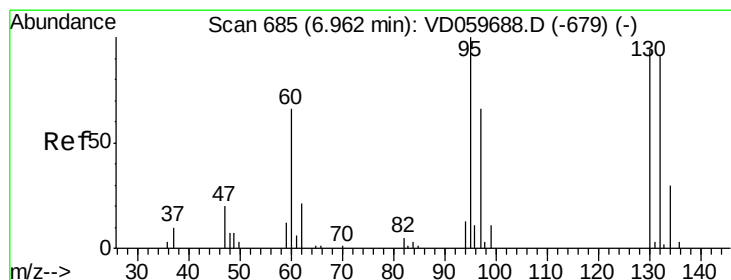
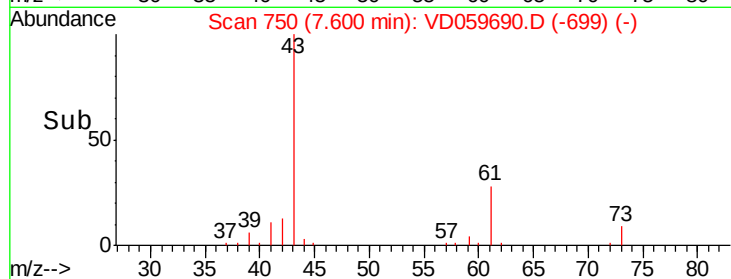
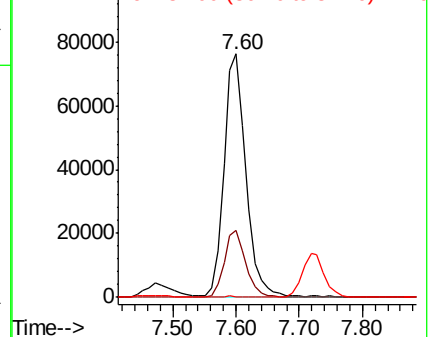
43 100

61 27.5 22.9 34.3

87 0.0 0.0 0.0



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: 99.937 ug/l

RT: 6.96 min Scan# 685

Delta R.T. -0.00 min

Lab File: VD059690.D

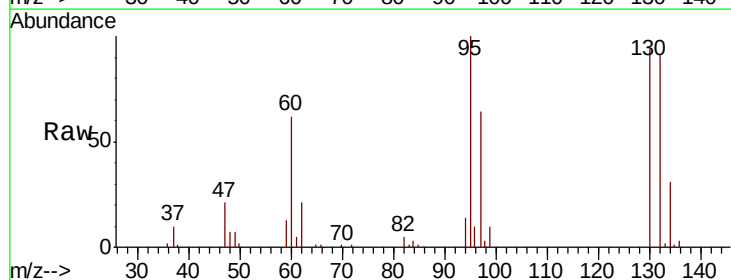
Acq: 6 Aug 2018 13:02

Tgt Ion:130 Resp: 203233

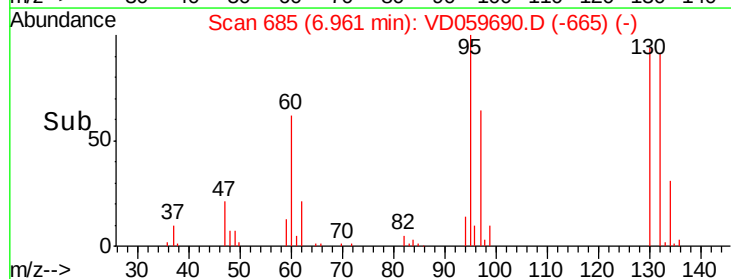
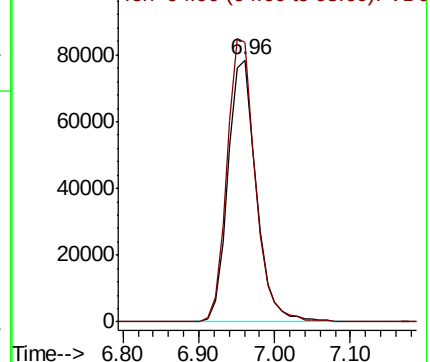
Ion Ratio Lower Upper

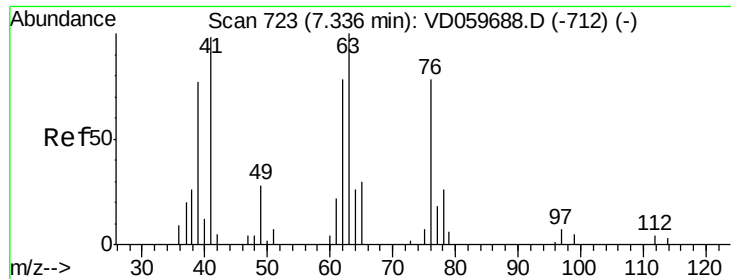
130 100

95 106.6 0.0 212.8



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

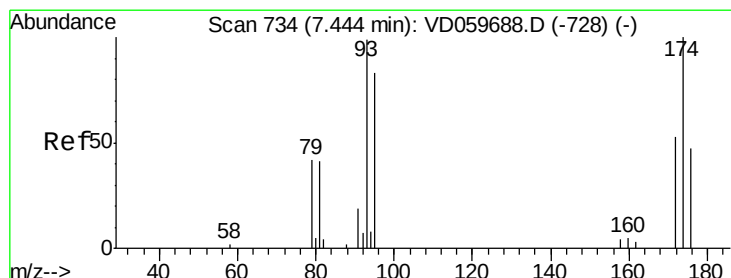
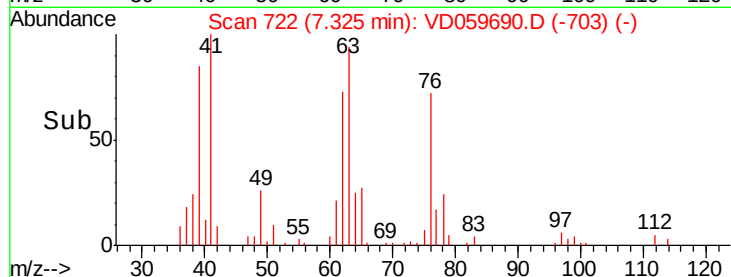
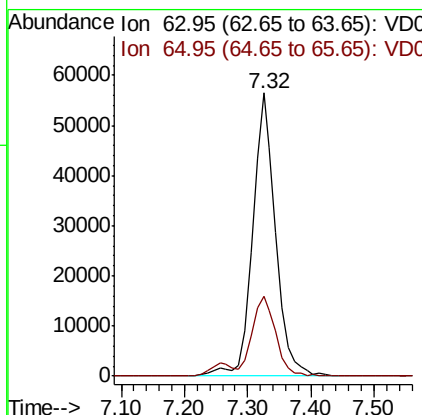
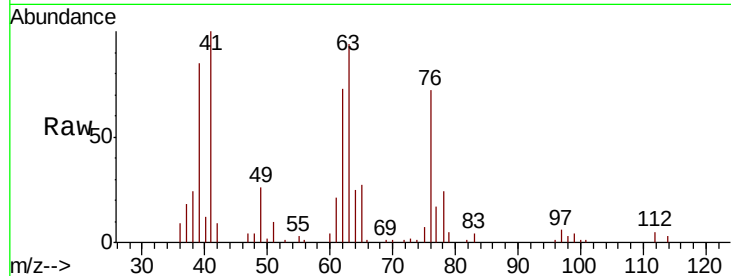




#45
 1,2-Dichloropropane
 Concen: 99.527 ug/l
 RT: 7.32 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

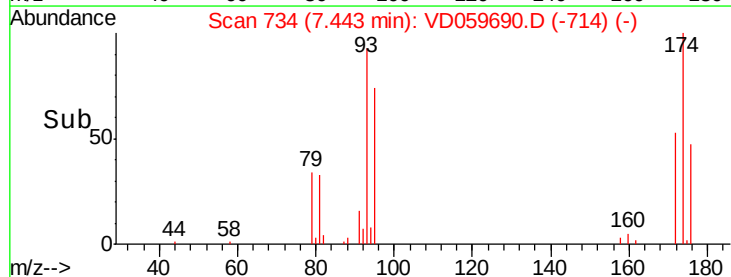
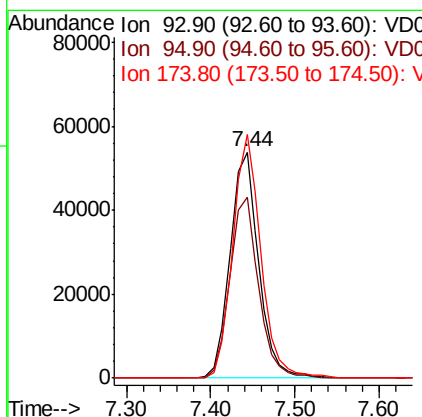
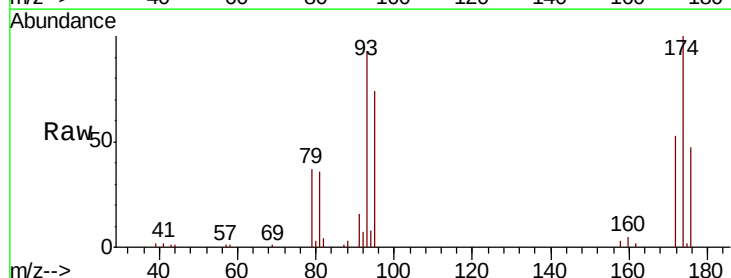
Instrument :
 MSVOA_D
 ClientSampleId :

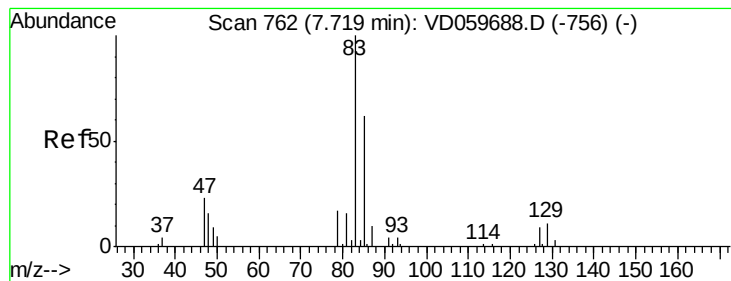
Tot Ion: 63 Resp: 143297
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.2 36.4



#46
 Dibromomethane
 Concen: 100.123 ug/l
 RT: 7.44 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 93 Resp: 126868
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.6 100.0
 174 107.8 80.6 120.8





#47

Bromodichloromethane

Concen: 99.775 ug/l

RT: 7.72 min Scan# 762

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

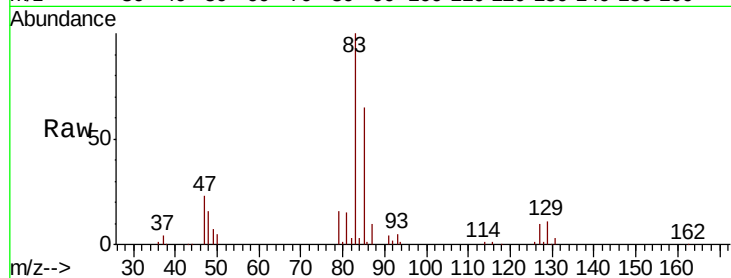
Tot Ion: 83 Resp: 324174

Ion Ratio Lower Upper

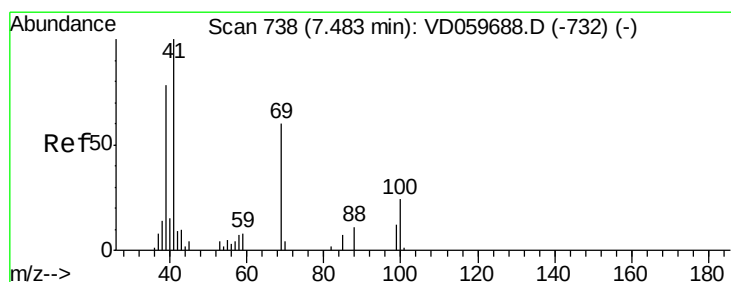
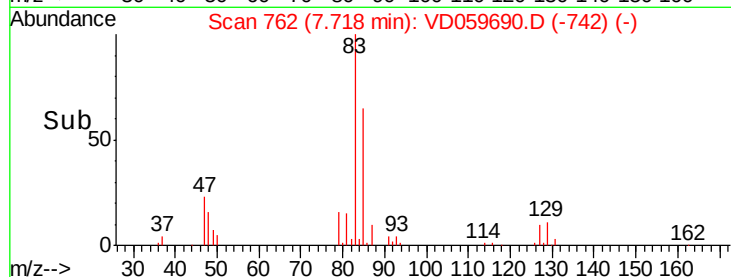
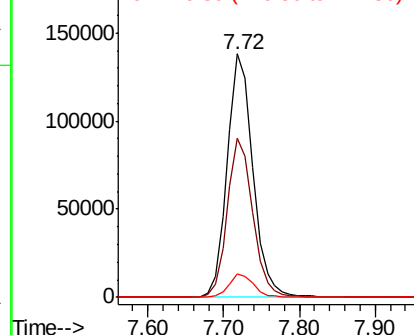
83 100

85 65.3 49.8 74.8

127 9.7 7.3 10.9



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: 104.078 ug/l

RT: 7.48 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

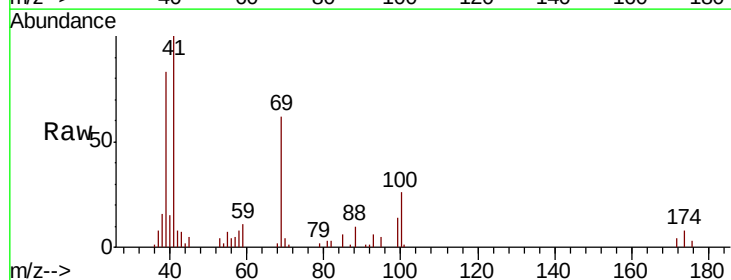
Tgt Ion: 41 Resp: 124241

Ion Ratio Lower Upper

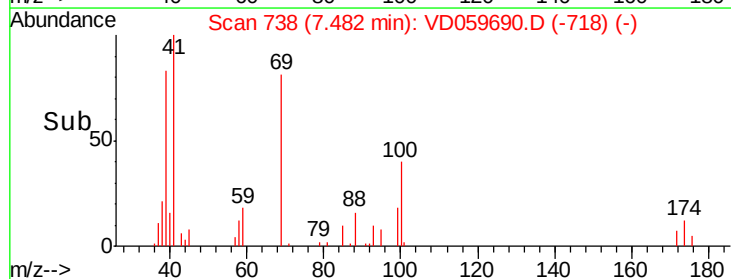
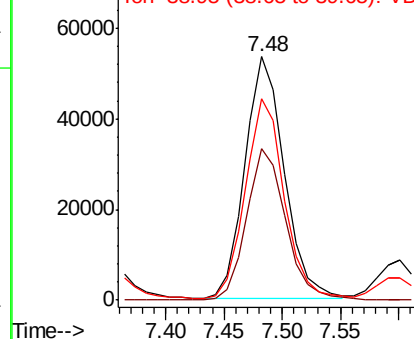
41 100

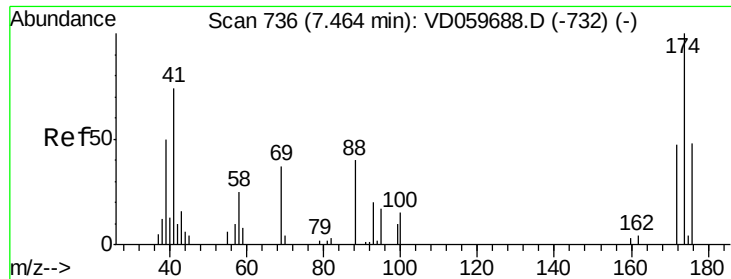
69 62.1 47.3 70.9

39 82.5 62.9 94.3



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

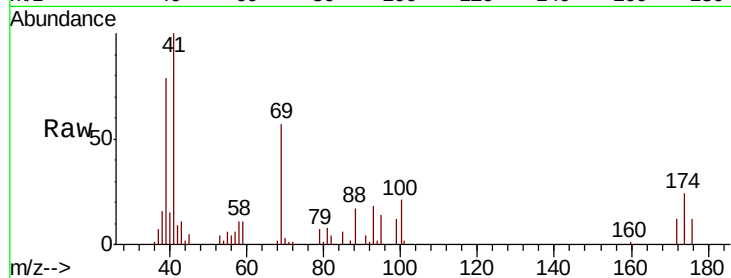




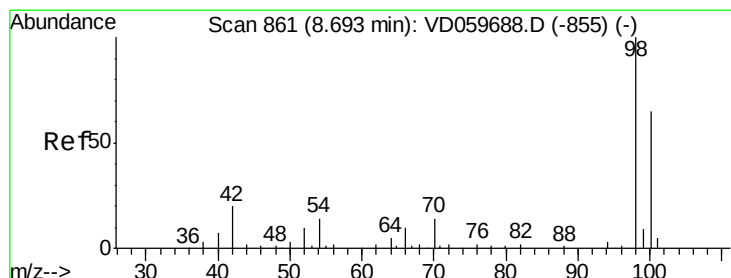
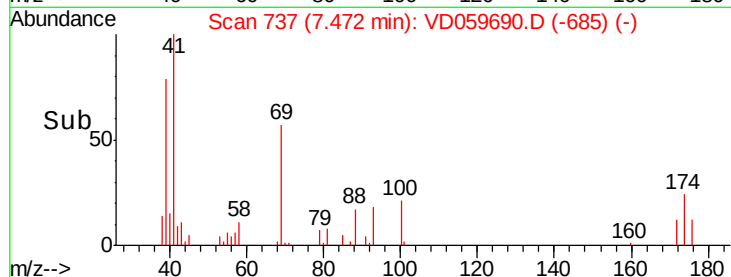
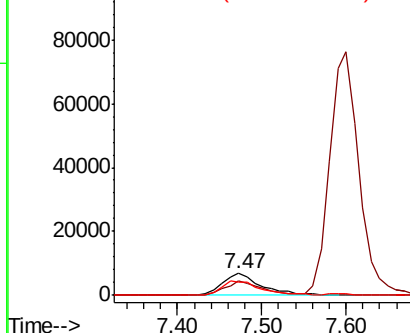
#49
1,4-Dioxane
Concen: 2357.329 ug/l
RT: 7.47 min Scan# 737
Delta R.T. 0.01 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 88 Resp: 21887
Ion Ratio Lower Upper
88 100
43 65.5 32.2 48.2#
58 63.2 51.5 77.3

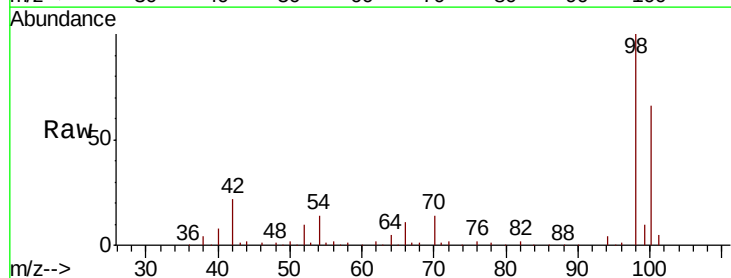


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

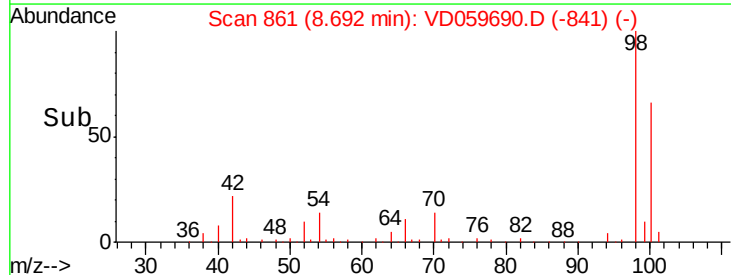
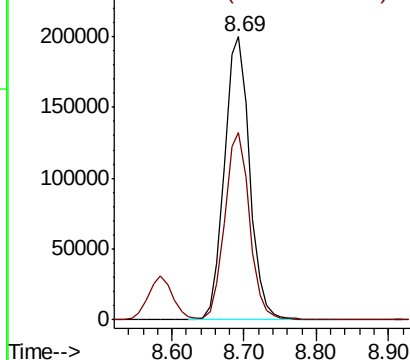


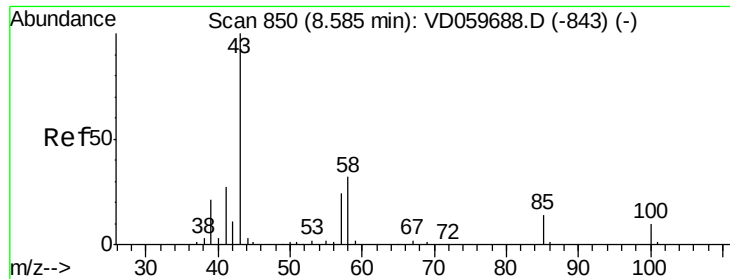
#50
Toluene-d8
Concen: 2357.329 ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 98 Resp: 483243
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



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: 526.181 ug/l

RT: 8.58 min Scan# 850

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

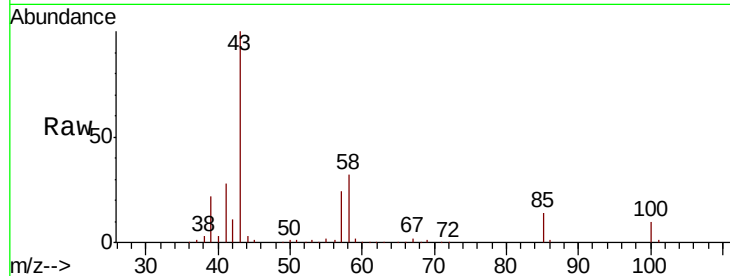
ClientSampleId :

Tot Ion: 43 Resp: 690368

Ion Ratio Lower Upper

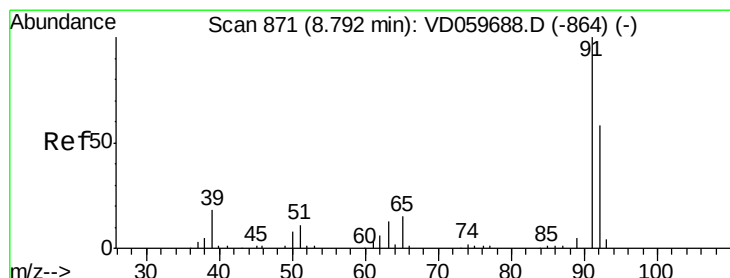
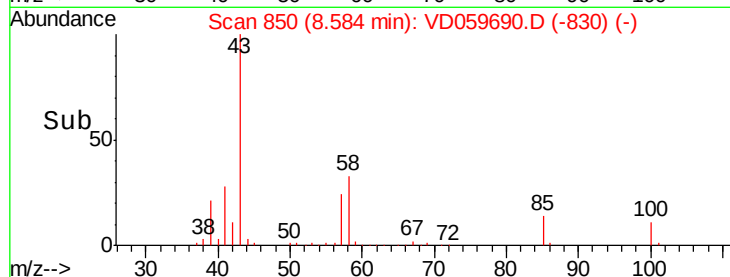
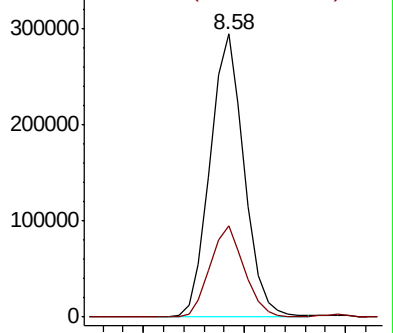
43 100

58 32.4 25.7 38.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 93.622 ug/l

RT: 8.78 min Scan# 870

Delta R.T. -0.01 min

Lab File: VD059690.D

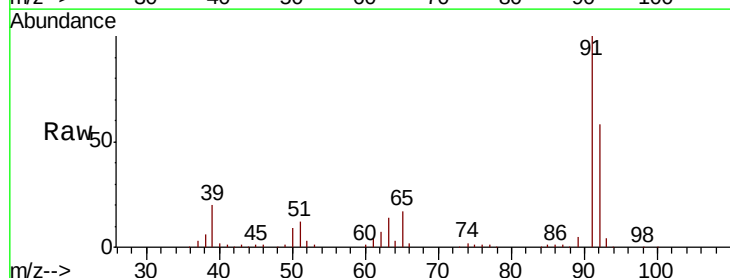
Acq: 6 Aug 2018 13:02

Tgt Ion: 92 Resp: 328699

Ion Ratio Lower Upper

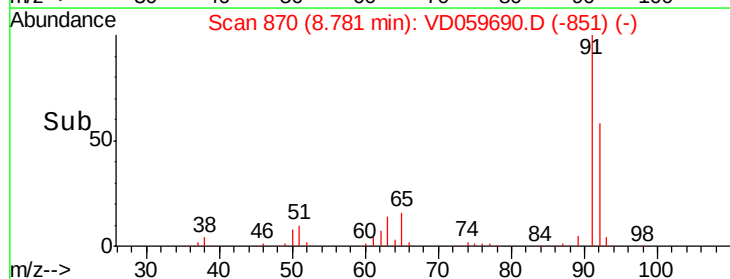
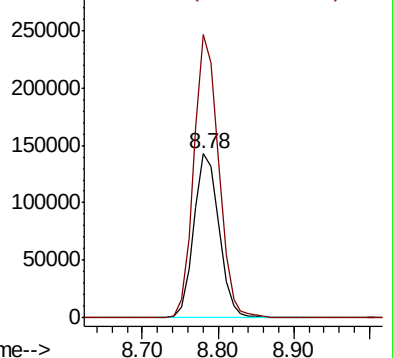
92 100

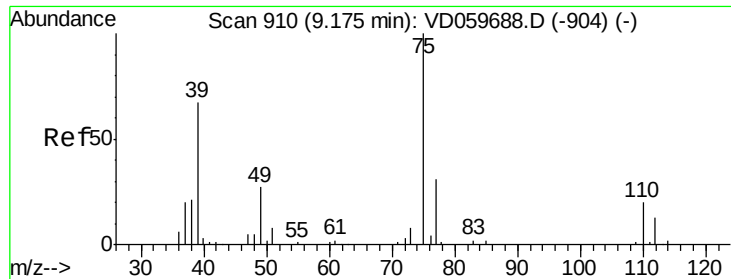
91 172.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

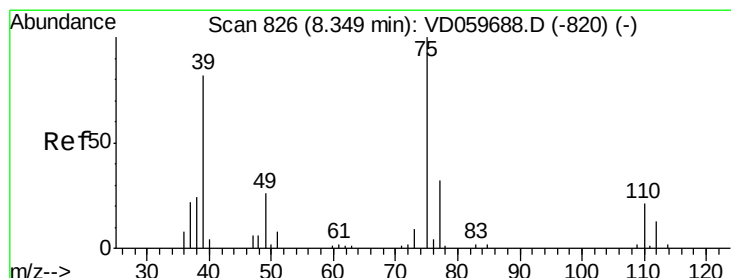
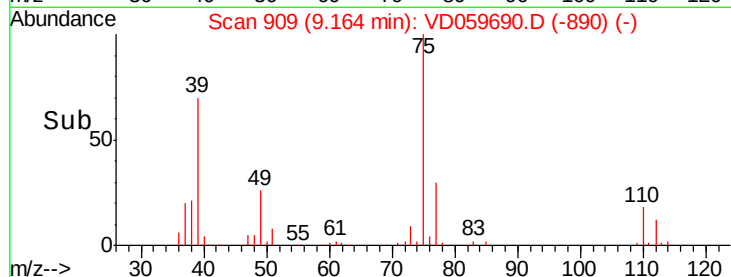
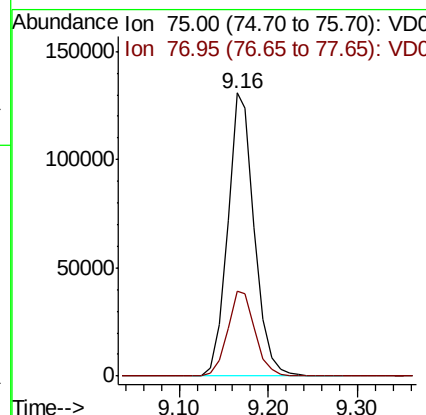
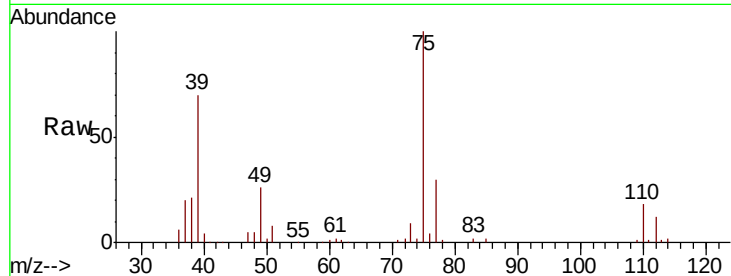




#53
 t-1,3-Dichloropropene
 Concen: 99.567 ug/l
 RT: 9.16 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

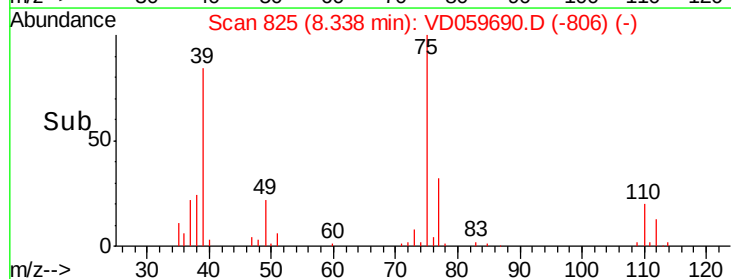
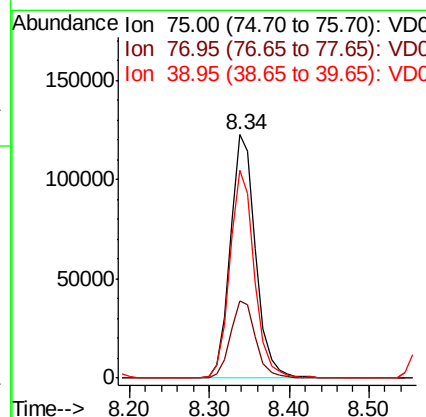
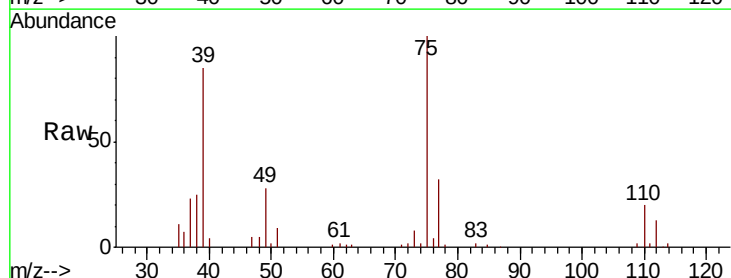
Instrument :
 MSVOA_D
 ClientSampled :

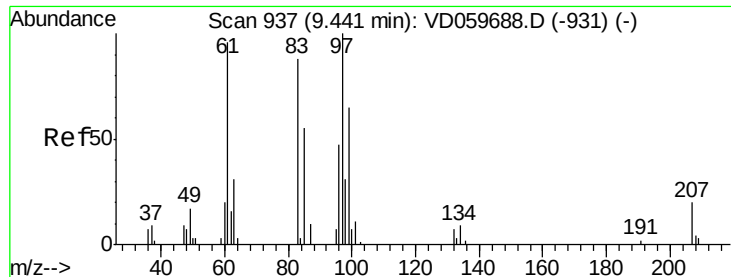
Tot Ion: 75 Resp: 273975
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 98.567 ug/l
 RT: 8.34 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 75 Resp: 273728
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 85.2 65.4 98.2





#55

1,1,2-Trichloroethane

Concen: 93.313 ug/l

RT: 9.44 min Scan# 937

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 125628

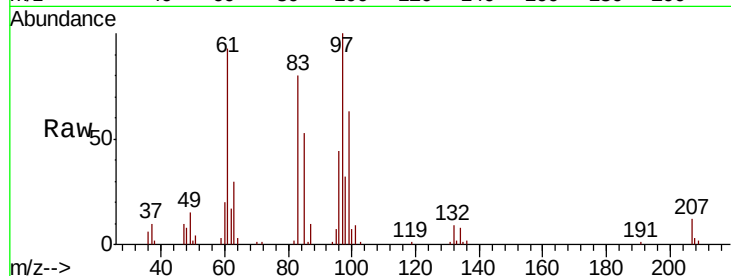
Ion Ratio Lower Upper

97 100

83 80.3 70.8 106.2

85 53.2 44.1 66.1

99 63.2 52.2 78.4

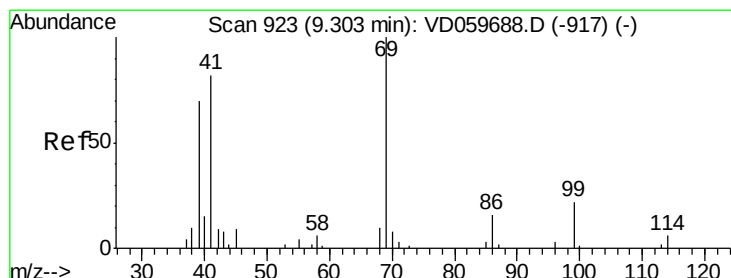
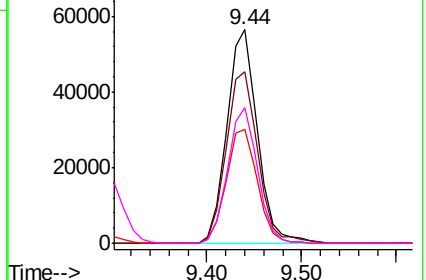
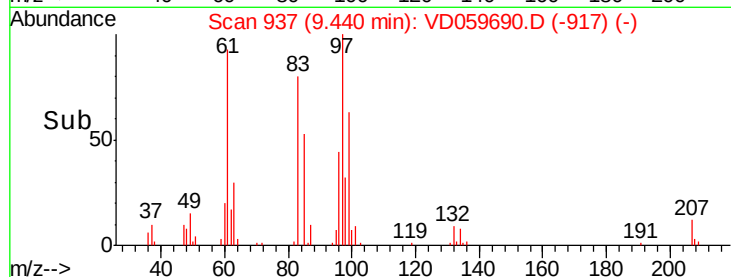


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 100.475 ug/l

RT: 9.29 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

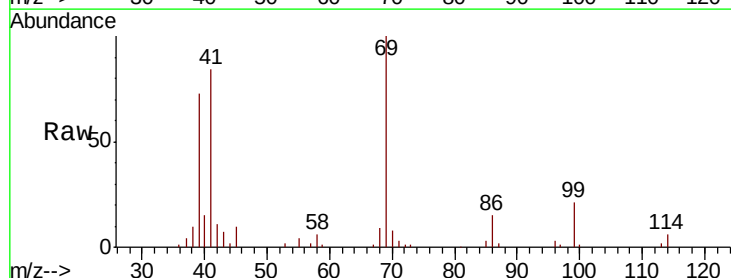
Tgt Ion: 69 Resp: 152979

Ion Ratio Lower Upper

69 100

41 84.2 65.7 98.5

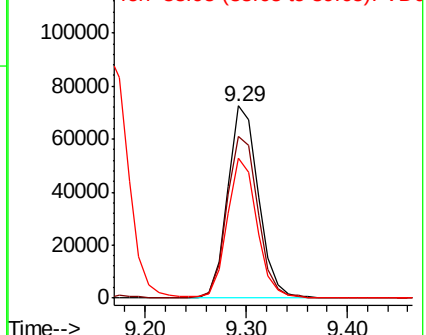
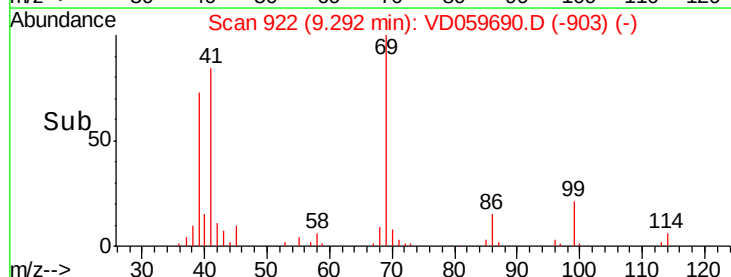
39 72.6 55.8 83.8

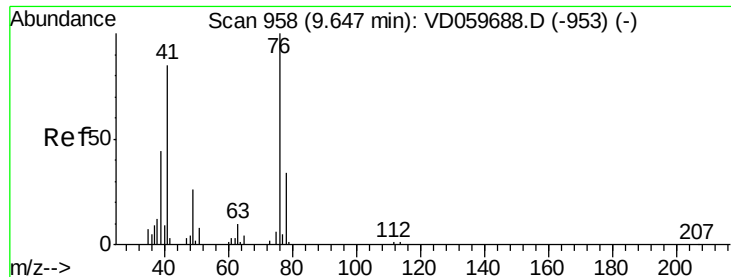


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

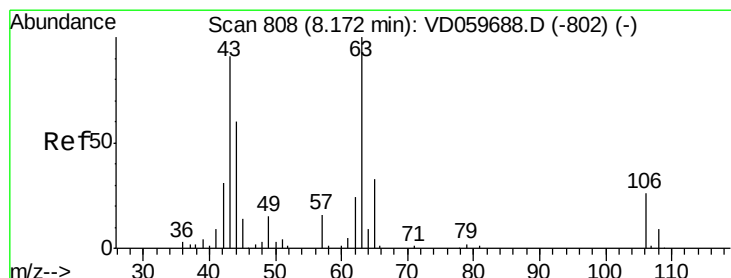
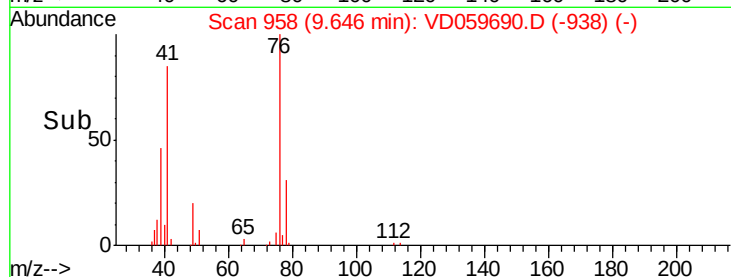
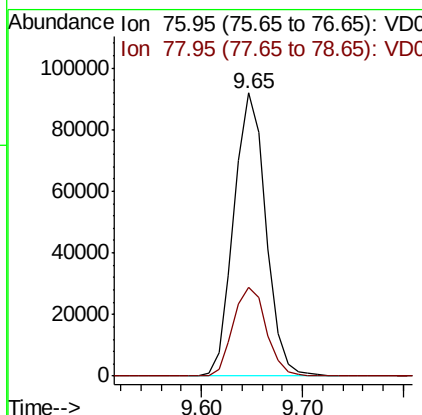
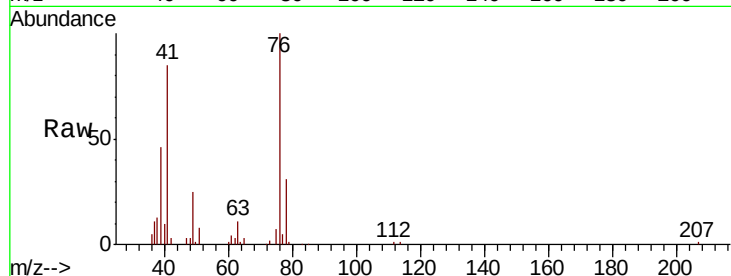




#57
 1,3-Dichloropropane
 Concen: 93.566 ug/l
 RT: 9.65 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

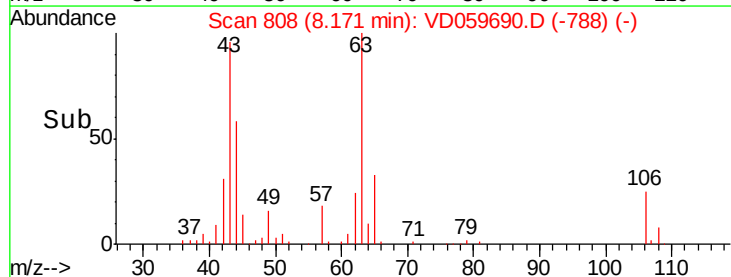
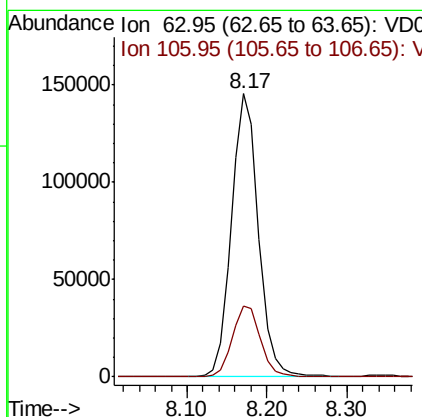
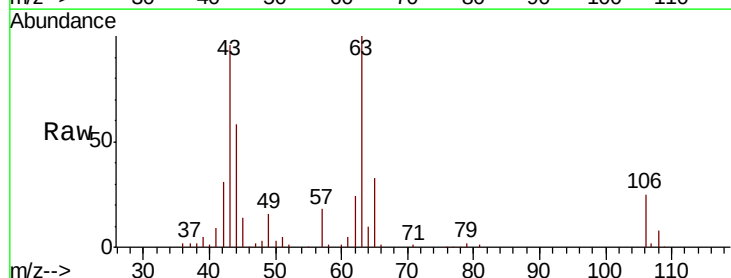
Instrument :
 MSVOA_D
 ClientSampleID :

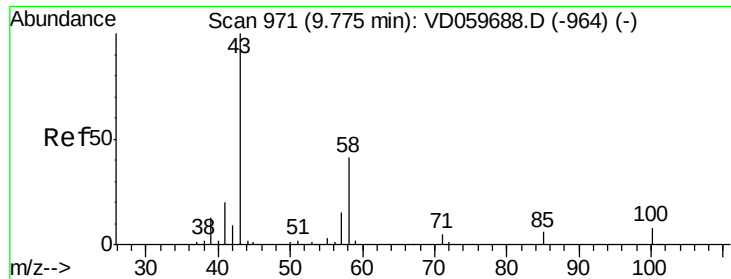
Tot Ion: 76 Resp: 202582
 Ion Ratio Lower Upper
 76 100
 78 31.2 27.5 41.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 477.683 ug/l
 RT: 8.17 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 63 Resp: 343262
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.7 31.1

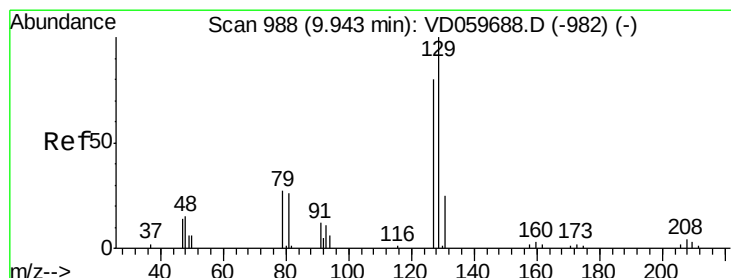
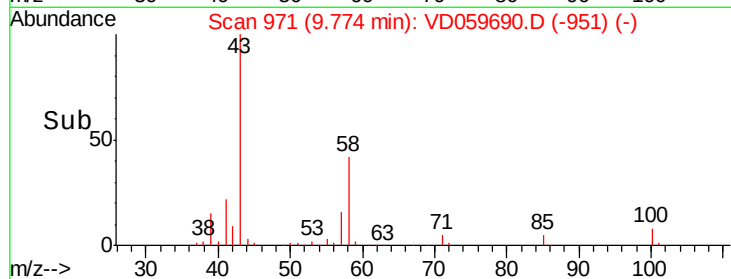
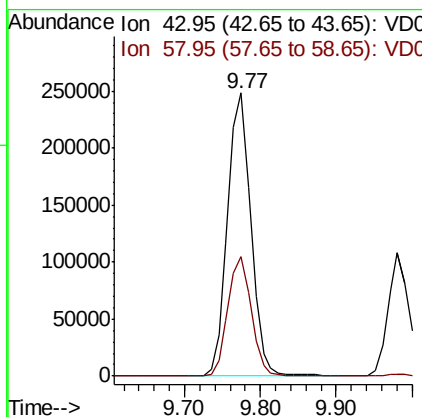
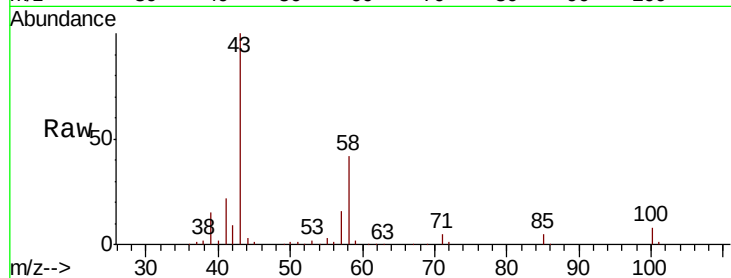




#59
2-Hexanone
Concen: 535.856 ug/l
RT: 9.77 min Scan# 971
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

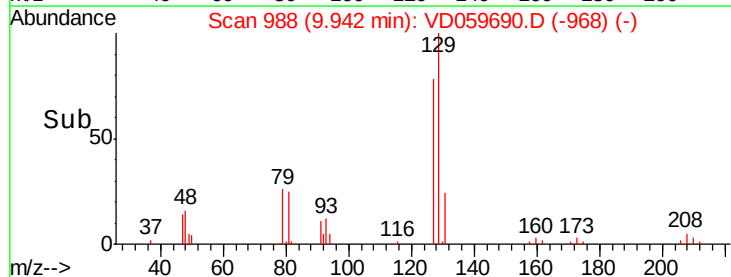
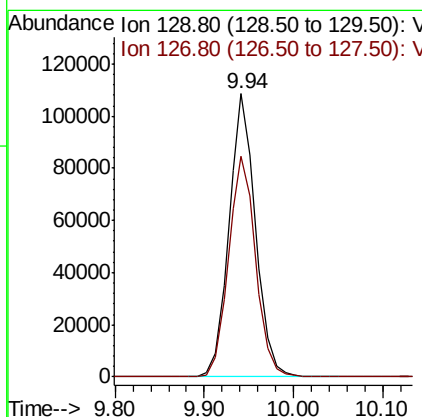
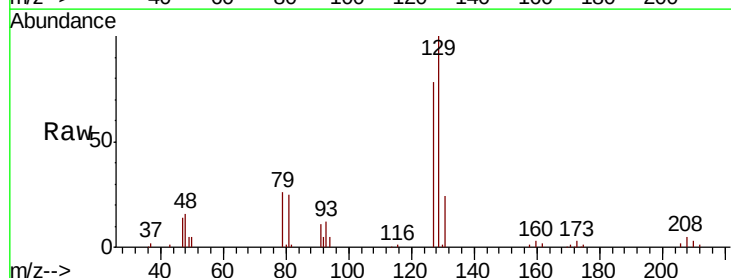
Instrument :
MSVOA_D
ClientSampleId :

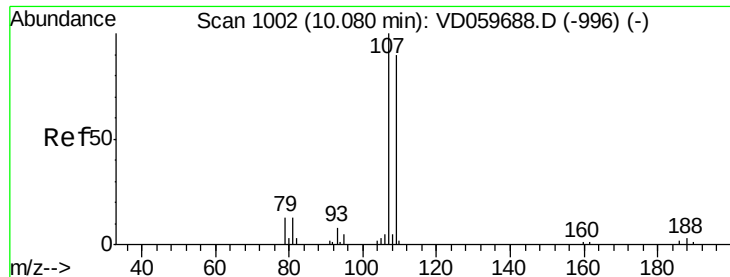
Tot Ion: 43 Resp: 532111
Ion Ratio Lower Upper
43 100
58 42.1 20.4 61.3



#60
Dibromochloromethane
Concen: 102.932 ug/l
RT: 9.94 min Scan# 988
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 129 Resp: 225407
Ion Ratio Lower Upper
129 100
127 77.8 40.0 119.9





#61

1,2-Dibromoethane

Concen: 98.123 ug/l

RT: 10.08 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

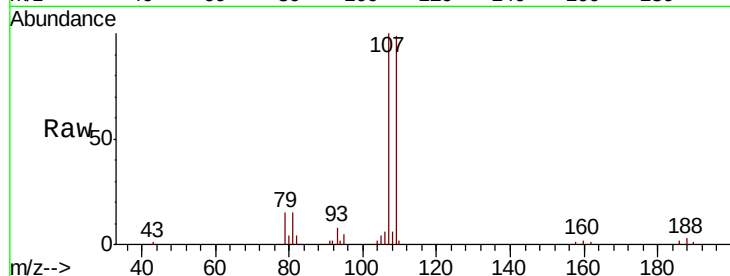
ClientSampleId :

Tot Ion:107 Resp: 155635

Ion Ratio Lower Upper

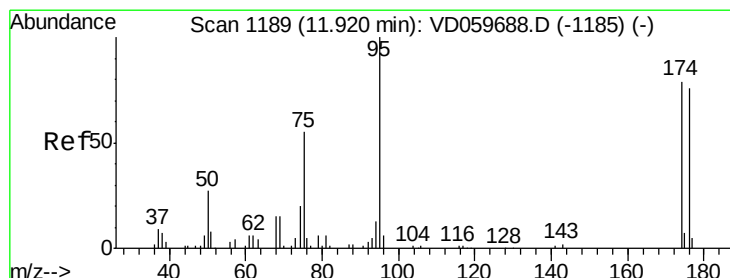
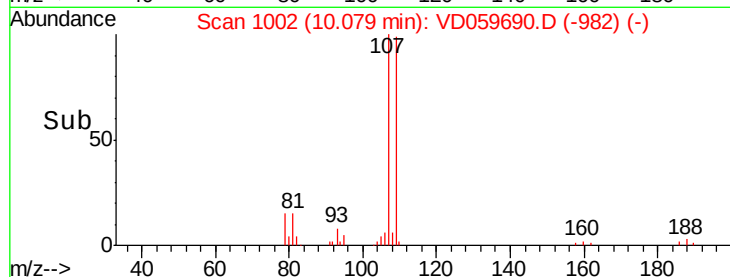
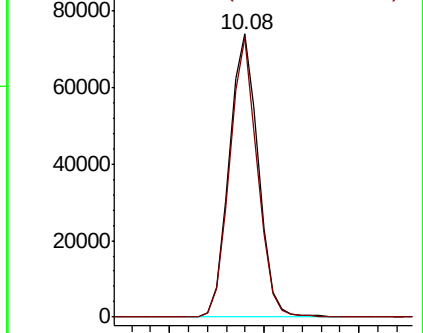
107 100

109 98.6 72.0 108.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 98.123 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

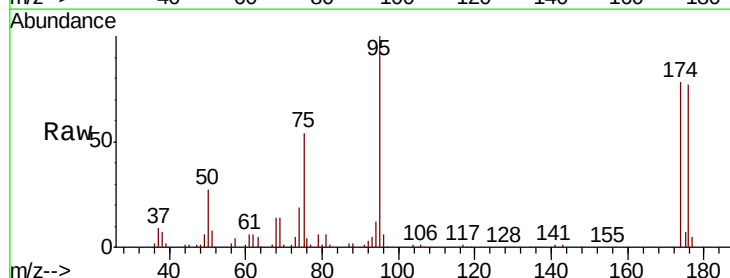
Tgt Ion: 95 Resp: 224489

Ion Ratio Lower Upper

95 100

174 78.1 0.0 158.4

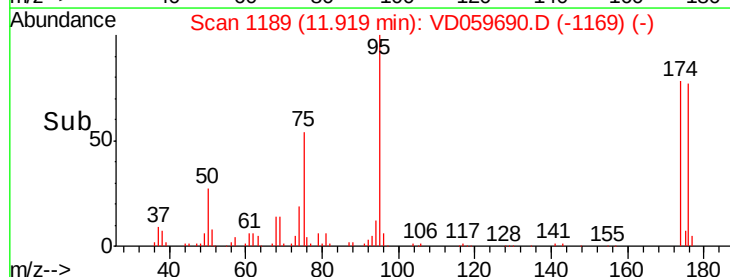
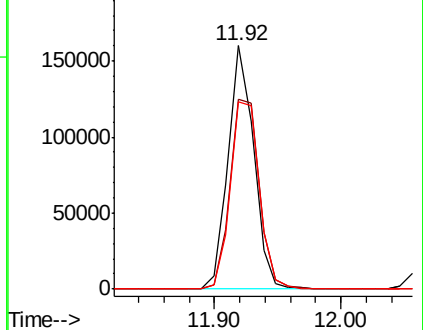
176 76.7 0.0 153.0

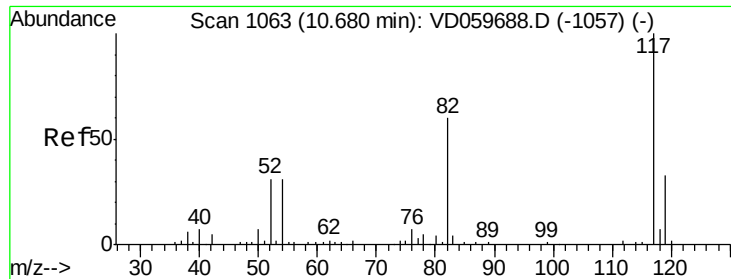


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampleId :

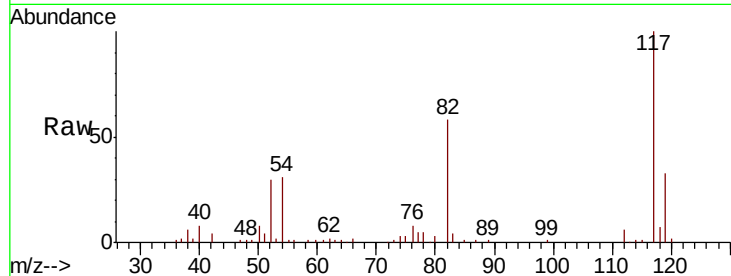
Tot Ion:117 Resp: 207220

Ion Ratio Lower Upper

117 100

82 58.1 47.7 71.5

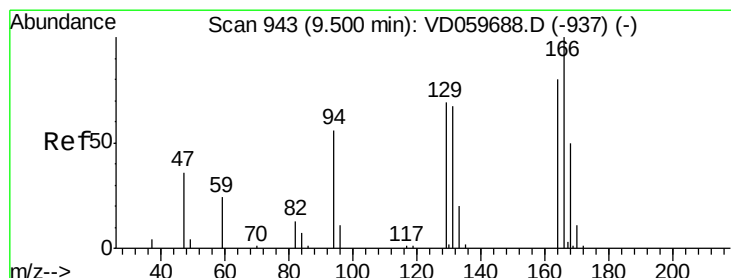
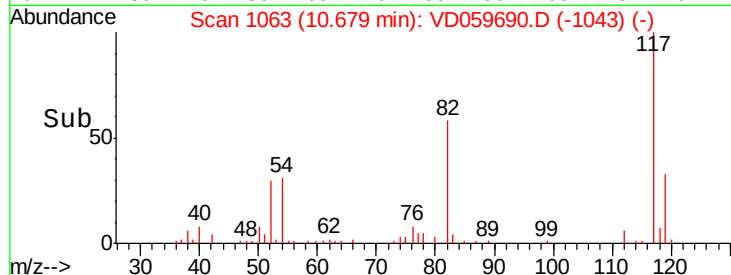
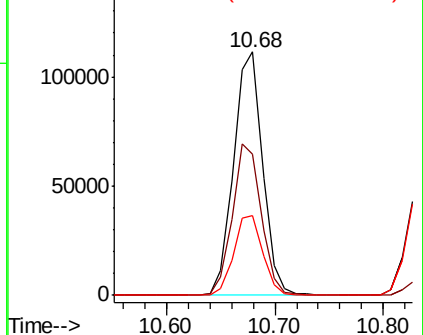
119 32.9 26.6 40.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#64

Tetrachloroethene

Concen: 97.093 ug/l

RT: 9.50 min Scan# 943

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Tgt Ion:164 Resp: 187295

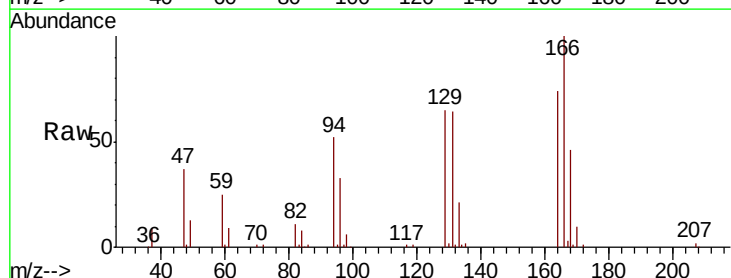
Ion Ratio Lower Upper

164 100

166 135.8 100.5 150.7

129 88.5 69.3 103.9

131 86.8 67.3 100.9

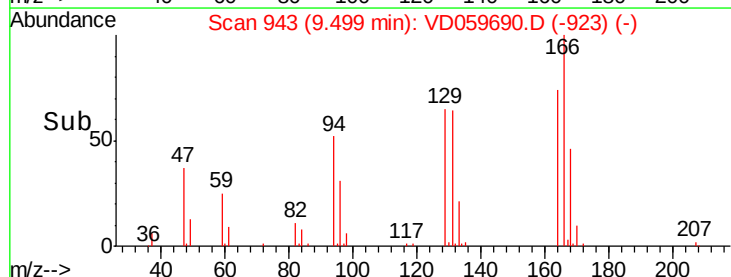
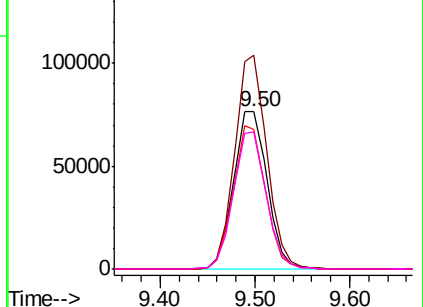


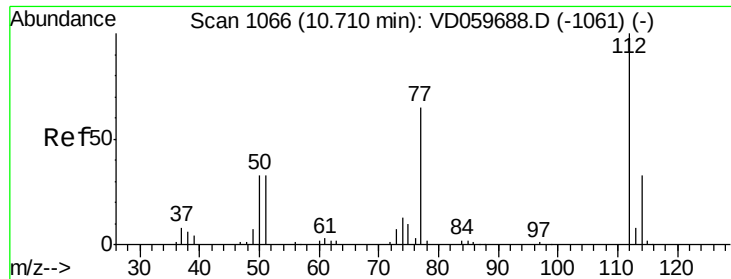
Abundance Ion 163.85 (163.55 to 164.55): V

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

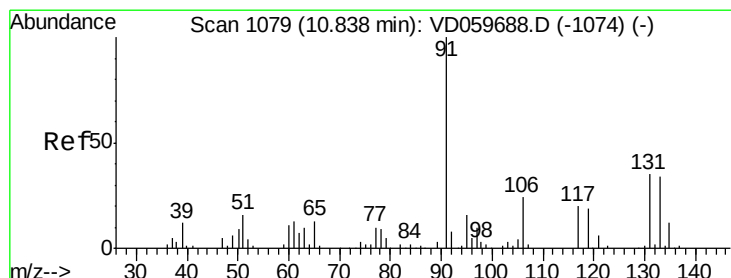
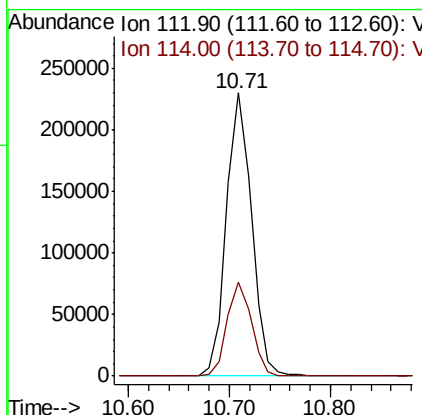
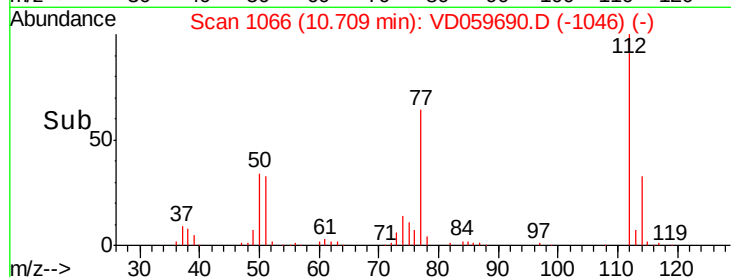
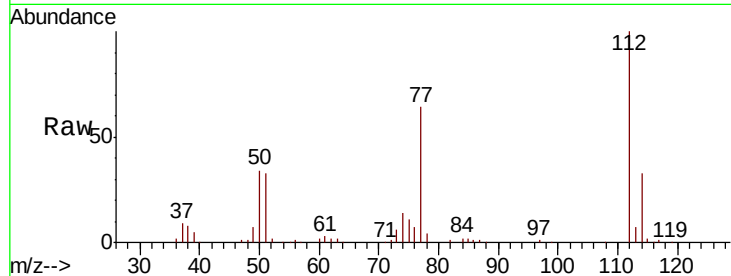




#65
Chlorobenzene
Concen: 94.719 ug/l
RT: 10.71 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

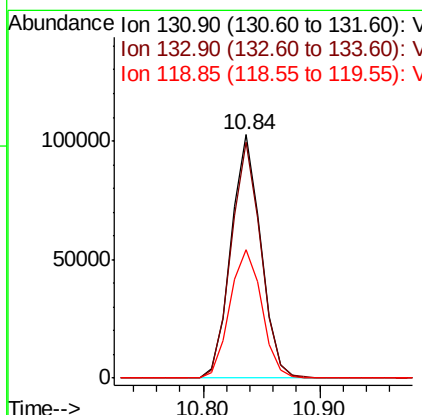
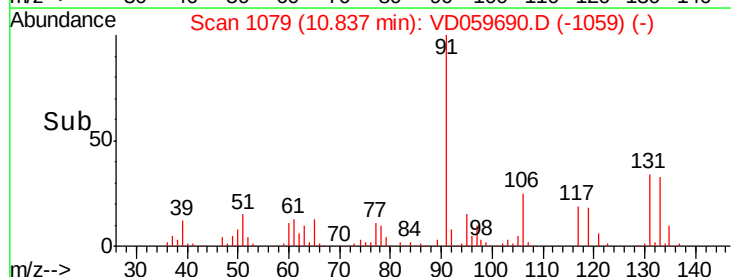
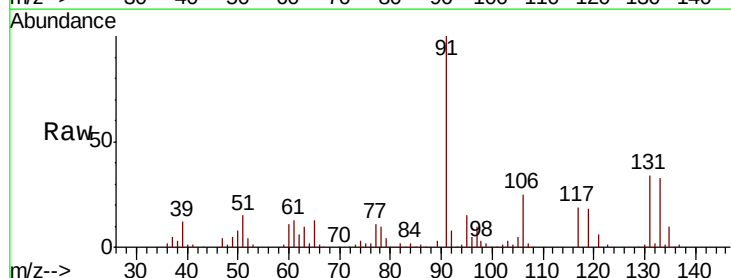
Instrument :
MSVOA_D
ClientSampleID :

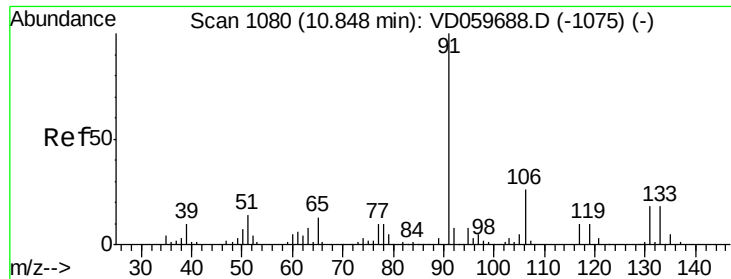
Tot Ion:112 Resp: 398392
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 95.858 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion:131 Resp: 181232
Ion Ratio Lower Upper
131 100
133 96.7 49.7 149.1
119 52.7 27.0 80.8

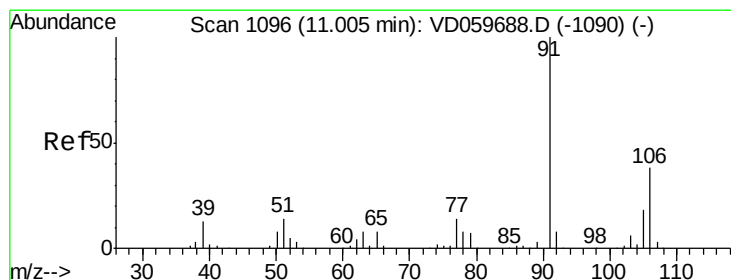
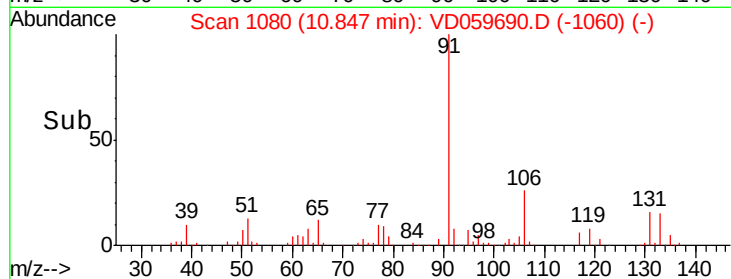
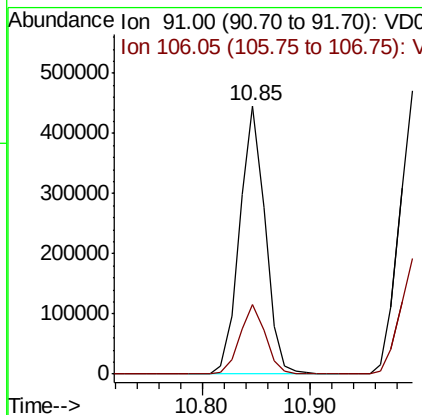
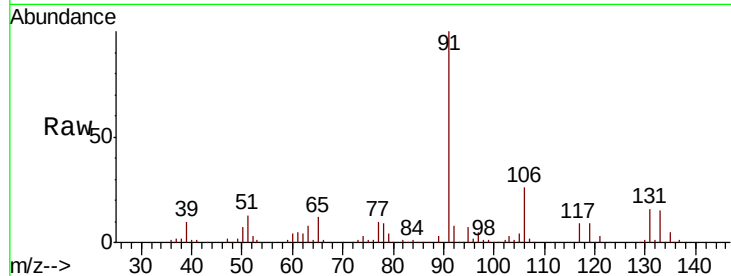




#67
Ethyl Benzene
Concen: 93.556 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

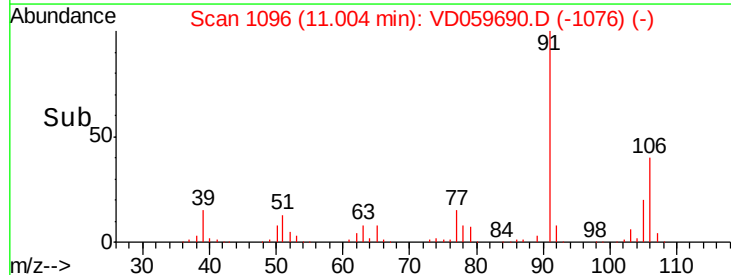
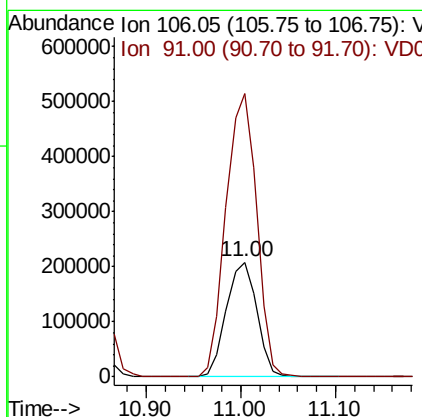
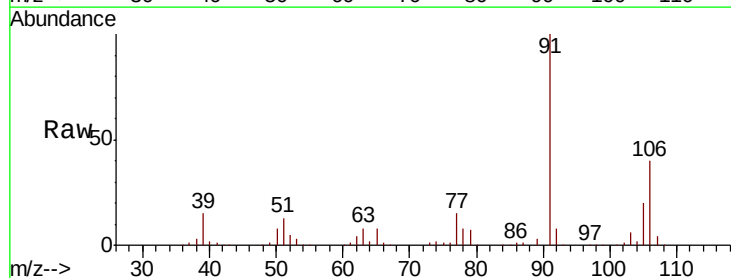
Instrument :
MSVOA_D
ClientSampled :

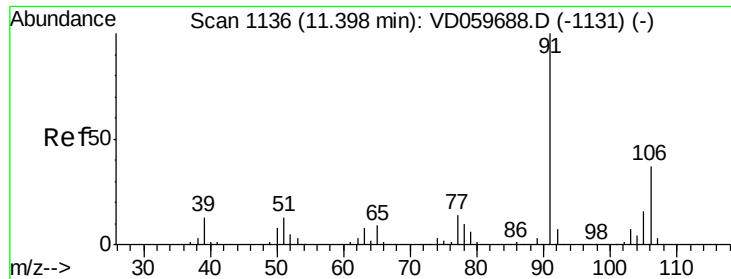
Tot Ion: 91 Resp: 727407
Ion Ratio Lower Upper
91 100
106 26.0 20.9 31.3



#68
m/p-Xylenes
Concen: 189.220 ug/l
RT: 11.00 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 106 Resp: 466821
Ion Ratio Lower Upper
106 100
91 246.9 209.7 314.5

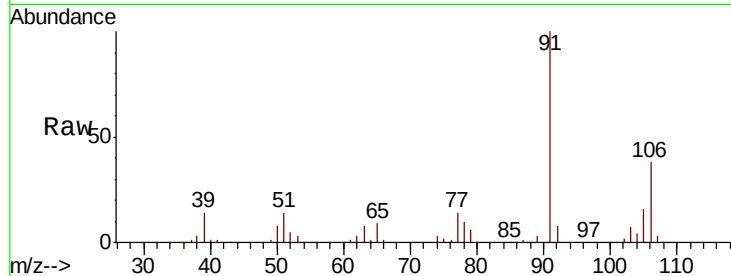




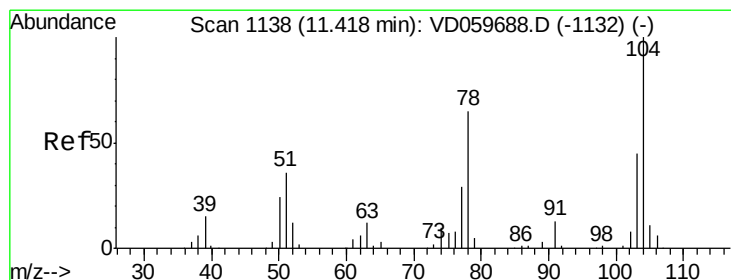
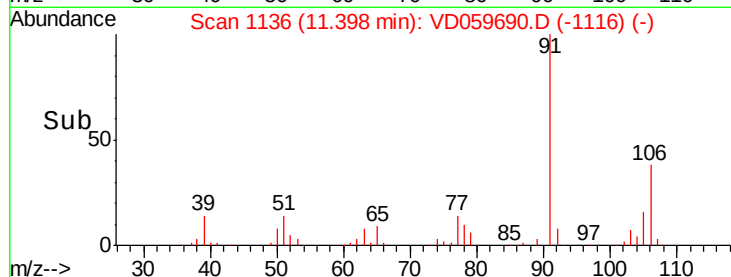
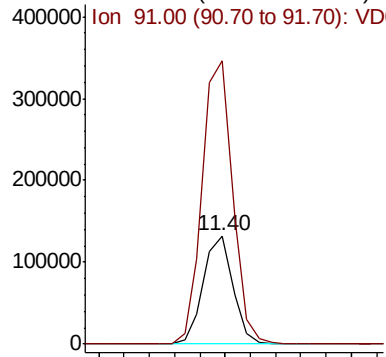
#69
o-Xylene
Concen: 89.057 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:106 Resp: 215432
Ion Ratio Lower Upper
106 100
91 260.6 135.2 405.6

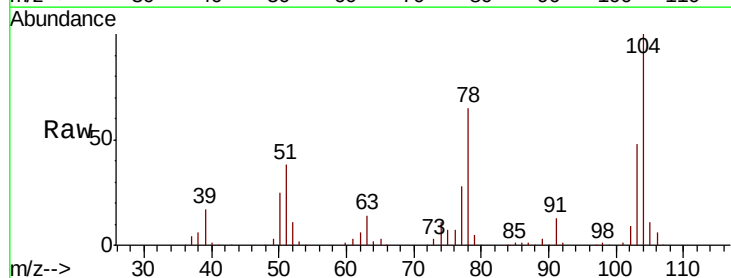


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

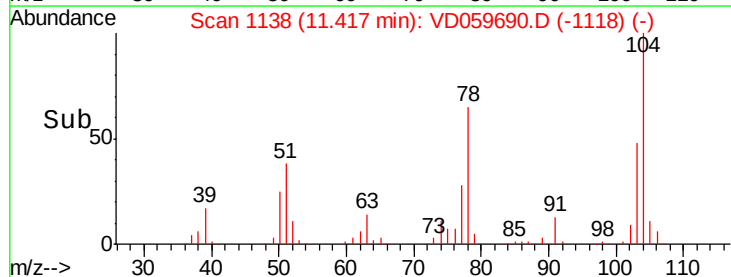
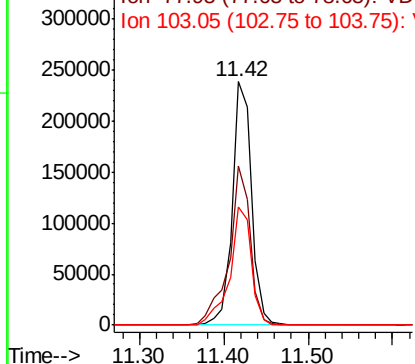


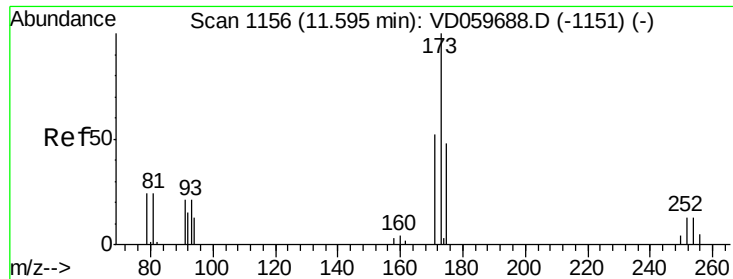
#70
Styrene
Concen: 94.113 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion:104 Resp: 376669
Ion Ratio Lower Upper
104 100
78 65.1 51.9 77.9
103 48.5 36.2 54.4



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: 112.712 ug/l

RT: 11.58 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampled :

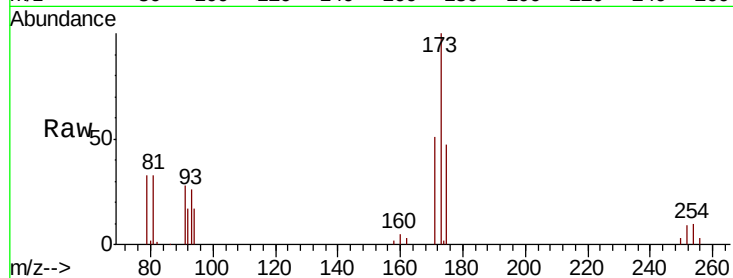
Tot Ion:173 Resp: 161114

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.4

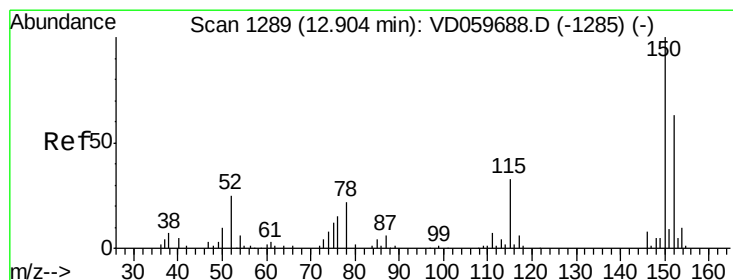
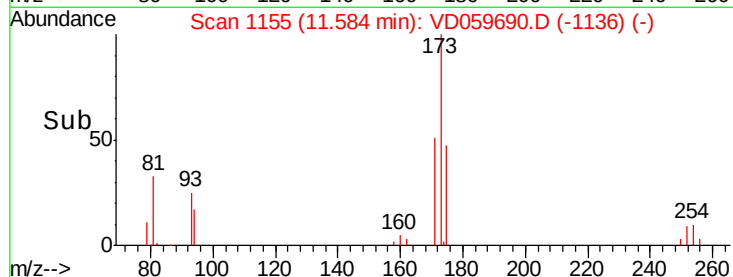
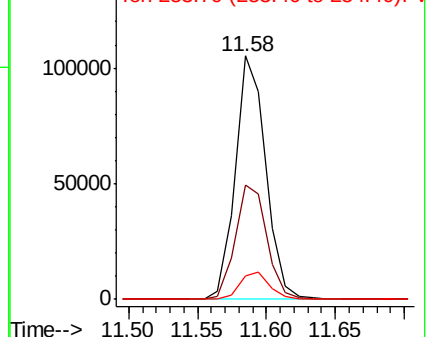
254 9.6 10.6 16.0#



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: 12.90 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

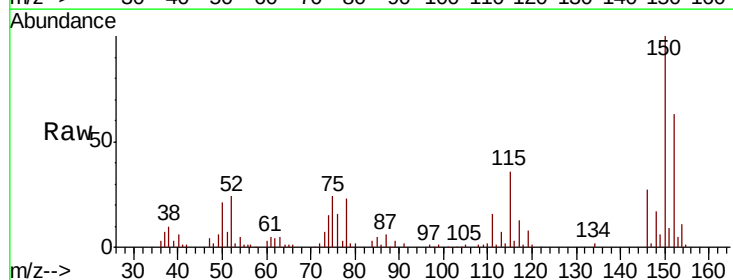
Tgt Ion:152 Resp: 110439

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.4

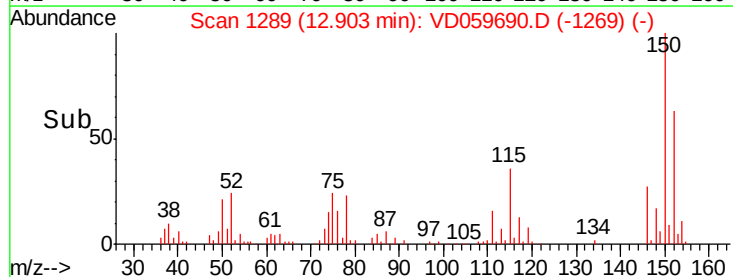
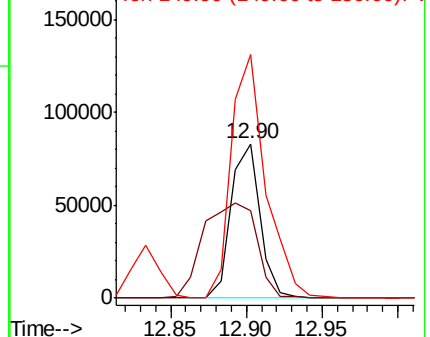
150 157.6 0.0 318.0

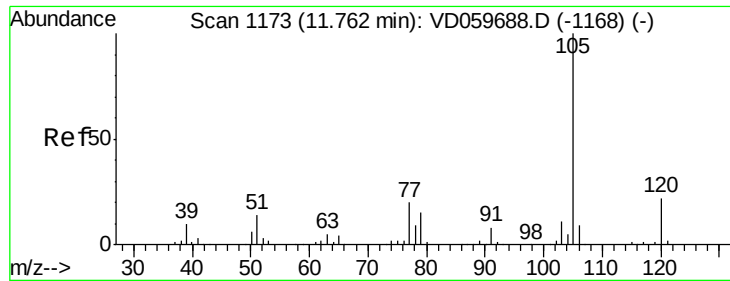


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 93.599 ug/l

RT: 11.76 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

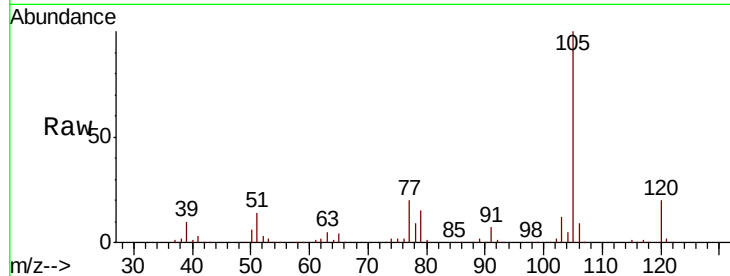
ClientSampleId :

Tot Ion:105 Resp: 700267

Ion Ratio Lower Upper

105 100

120 20.5 10.8 32.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

500000

400000

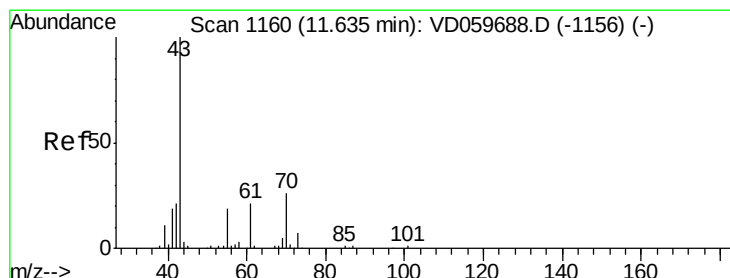
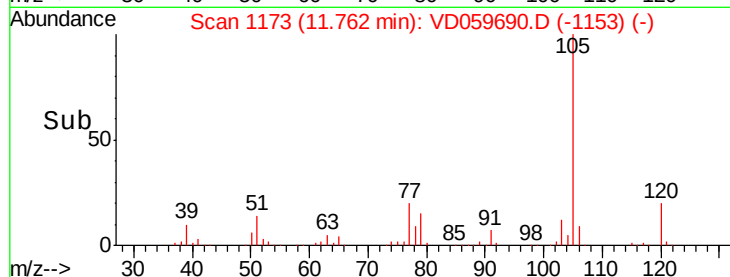
300000

200000

100000

0

Time--> 11.70 11.80 11.90



#74

N-ethyl acetate

Concen: 107.171 ug/l

RT: 11.63 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Tgt Ion: 43 Resp: 250732

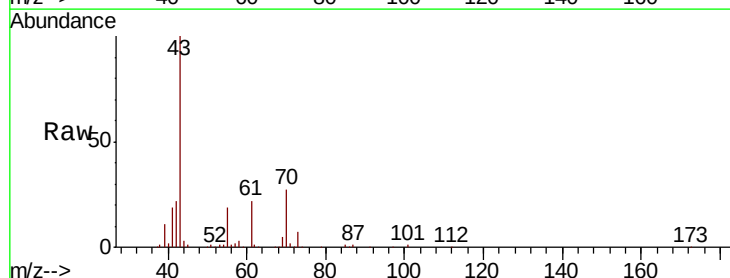
Ion Ratio Lower Upper

43 100

70 26.7 21.0 31.6

55 19.0 15.4 23.2

61 22.0 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

250000

200000

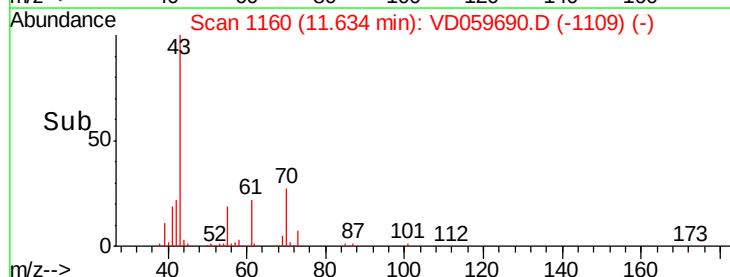
150000

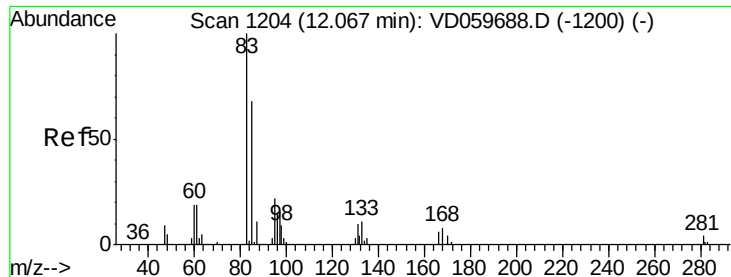
100000

50000

0

Time--> 11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 98.580 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD059690.D

Acq: 6 Aug 2018 13:02

Instrument :

MSVOA_D

ClientSampled :

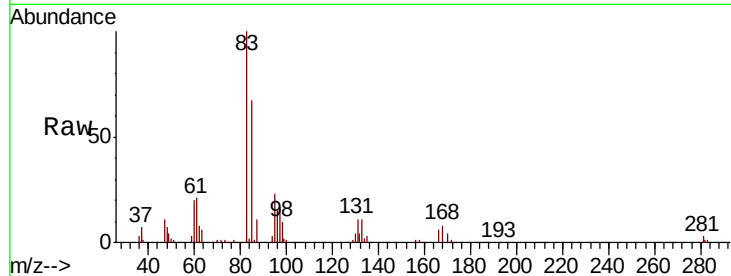
Tot Ion: 83 Resp: 143445

Ion Ratio Lower Upper

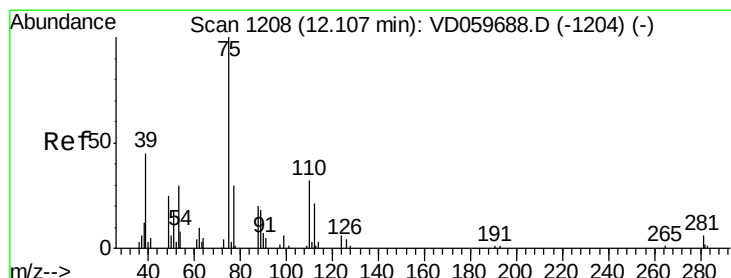
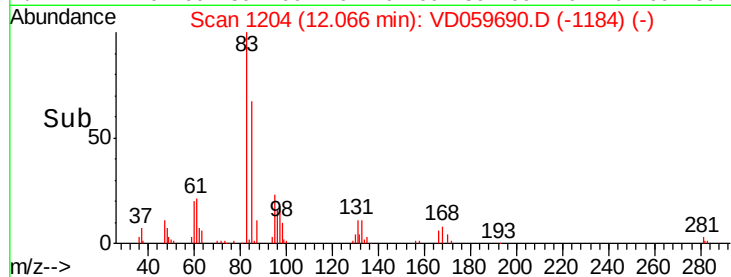
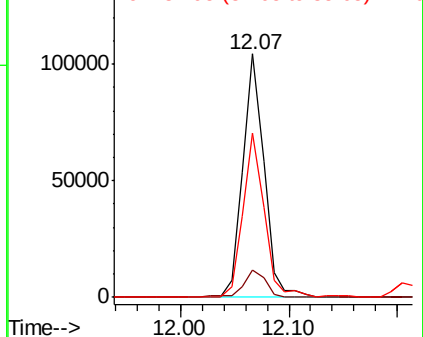
83 100

131 11.2 5.3 15.9

85 67.5 34.1 102.2



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: 97.208 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VD059690.D

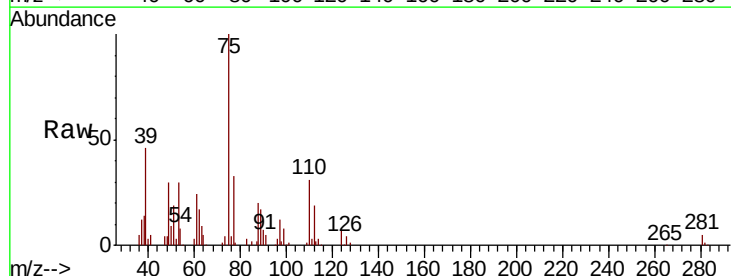
Acq: 6 Aug 2018 13:02

Tgt Ion: 75 Resp: 166676

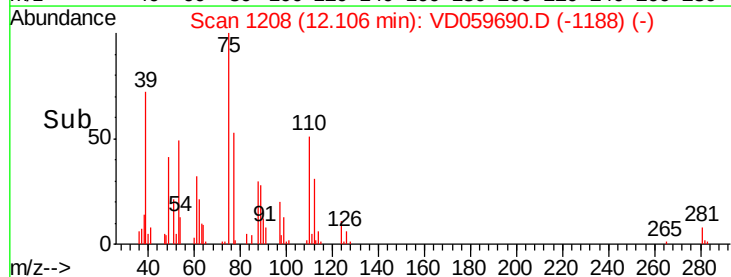
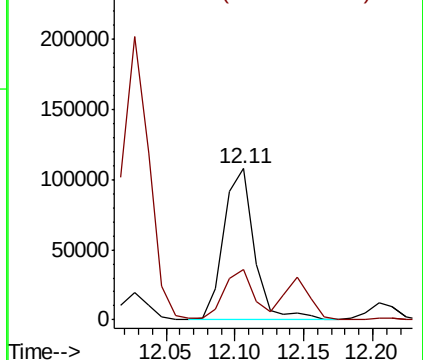
Ion Ratio Lower Upper

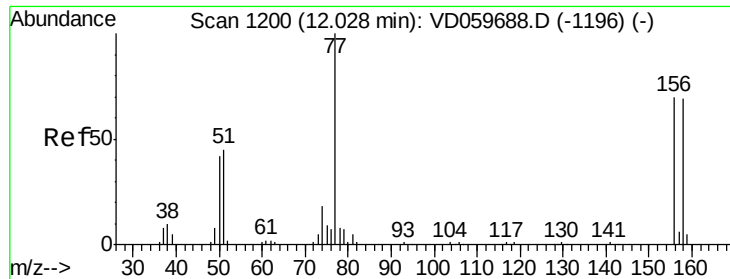
75 100

77 33.2 15.5 46.5



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

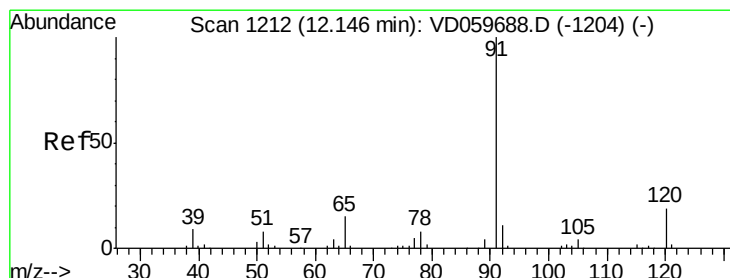
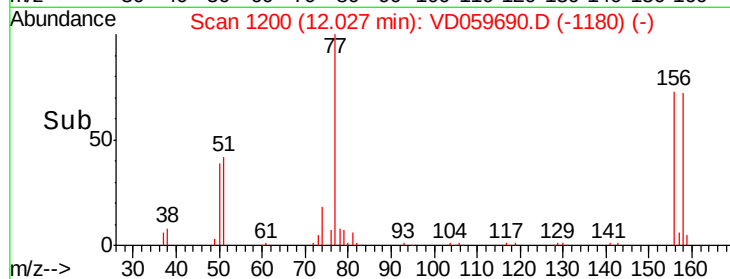
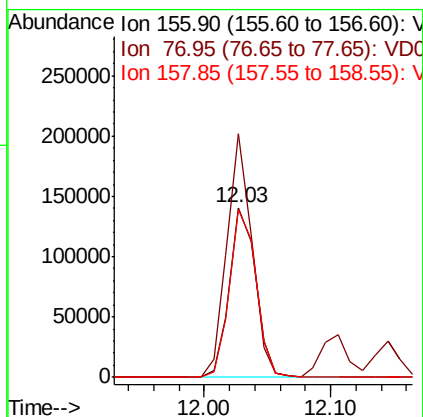
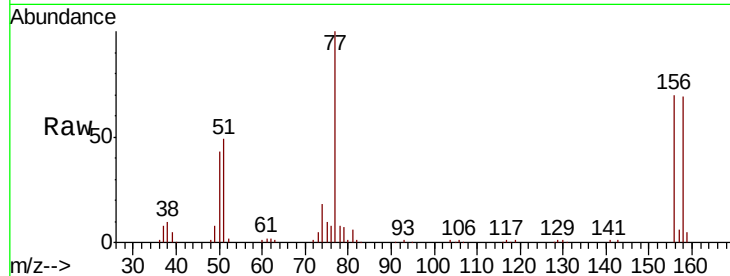




#77
Bromobenzene
Concen: 94.665 ug/l
RT: 12.03 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

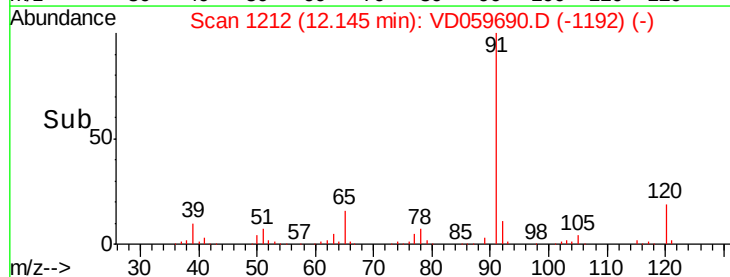
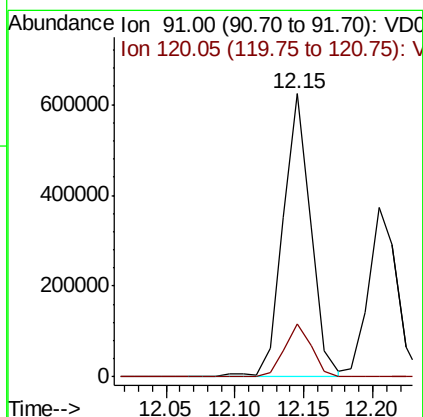
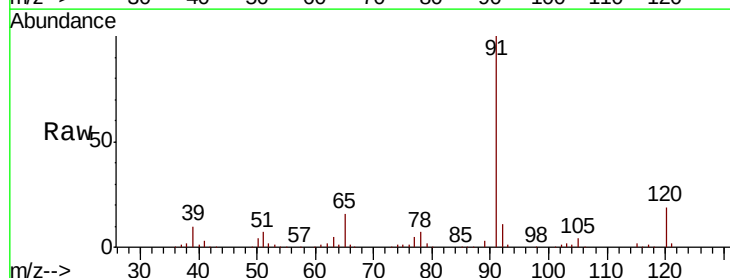
Instrument :
MSVOA_D
ClientSampleId :

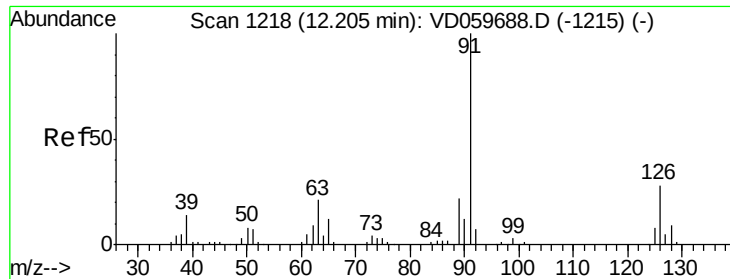
Tot Ion:156 Resp: 203175
Ion Ratio Lower Upper
156 100
77 143.3 71.2 213.6
158 98.8 49.1 147.3



#78
n-propylbenzene
Concen: 92.558 ug/l
RT: 12.15 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 91 Resp: 856509
Ion Ratio Lower Upper
91 100
120 18.9 9.5 28.5

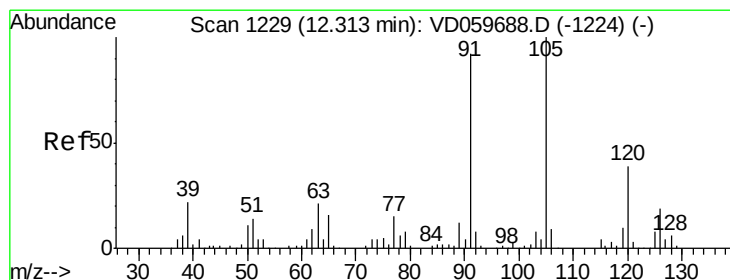
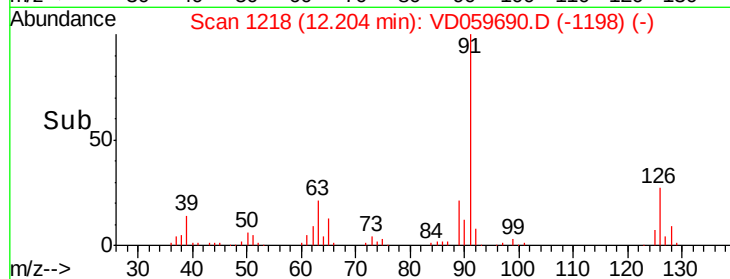
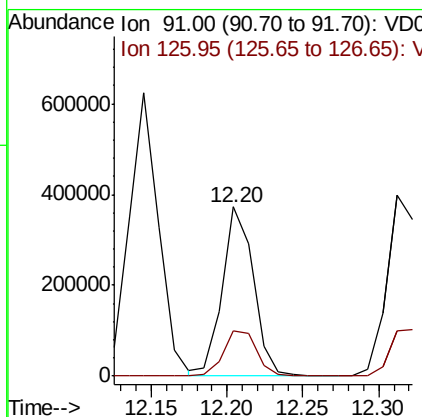
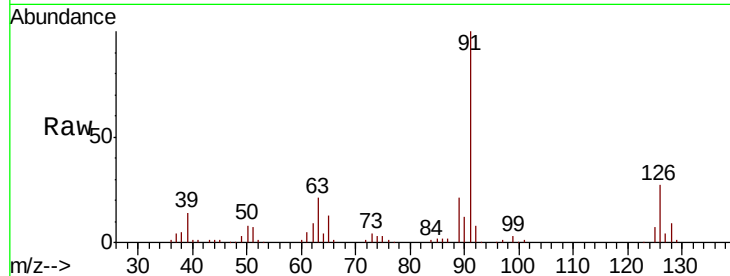




#79
 2-Chlorotoluene
 Concen: 95.069 ug/l
 RT: 12.20 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

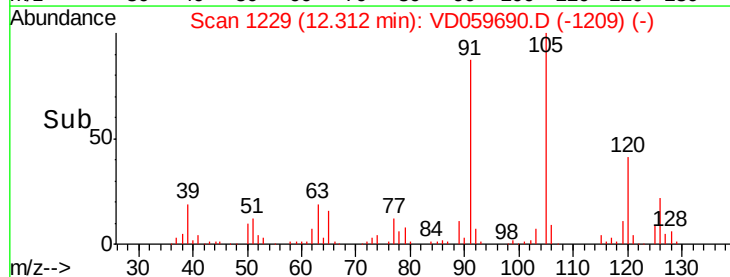
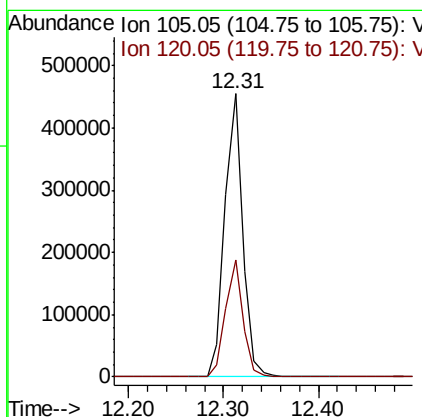
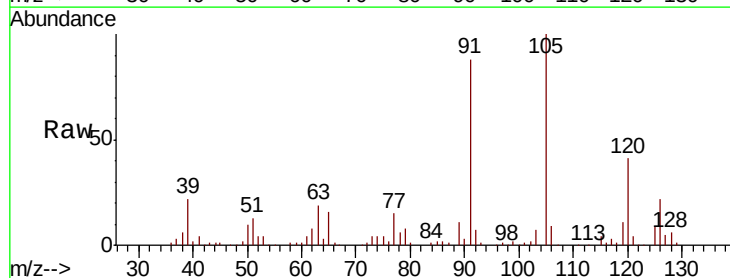
Instrument :
 MSVOA_D
 ClientSampleId :

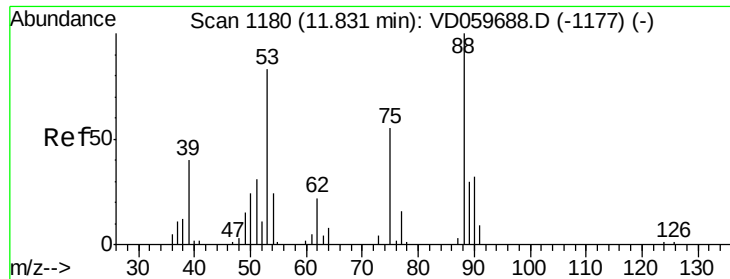
Tot Ion: 91 Resp: 529970
 Ion Ratio Lower Upper
 91 100
 126 26.7 13.7 41.0



#80
 1,3,5-Trimethylbenzene
 Concen: 97.140 ug/l
 RT: 12.31 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion:105 Resp: 597364
 Ion Ratio Lower Upper
 105 100
 120 41.3 19.7 59.1

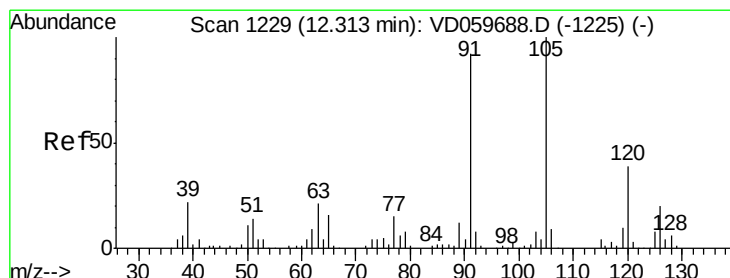
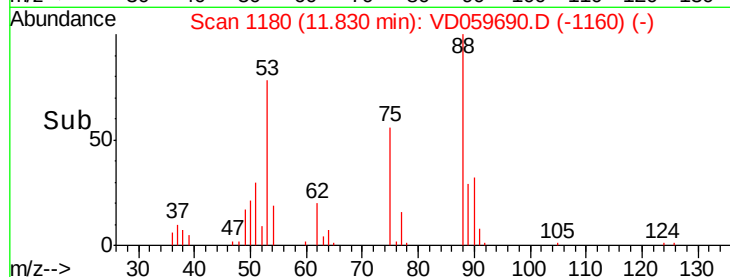
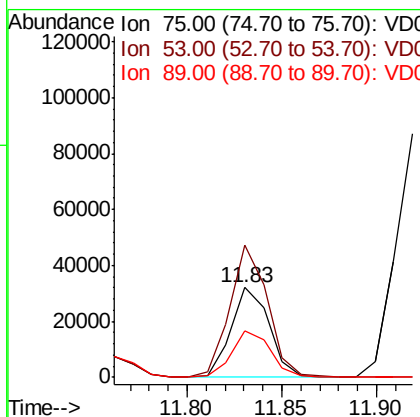
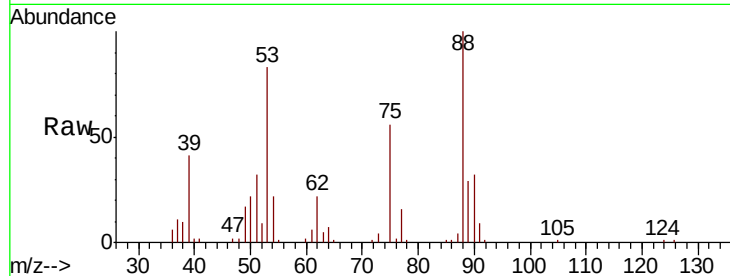




#81
trans-1,4-Dichloro-2-butene
Concen: 104.525 ug/l
RT: 11.83 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

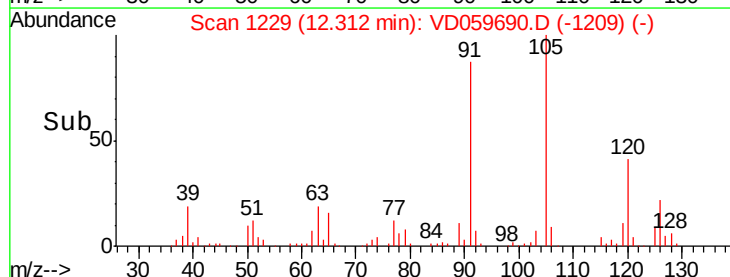
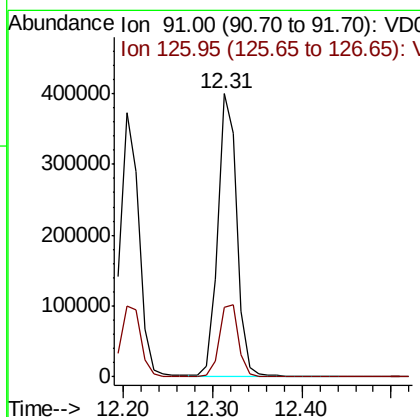
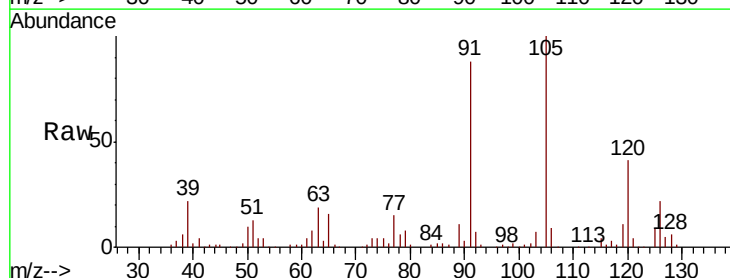
Instrument :
MSVOA_D
ClientSampleID :

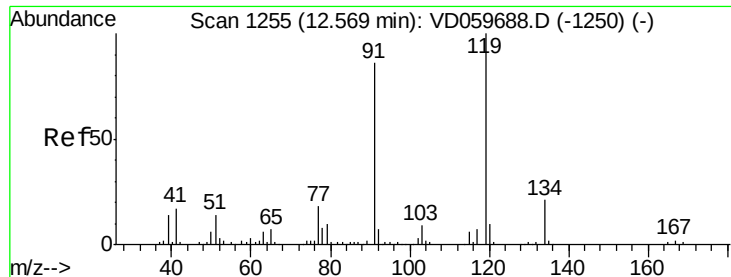
Tot Ion: 75 Resp: 44732
Ion Ratio Lower Upper
75 100
53 147.6 120.5 180.7
89 52.0 44.4 66.6



#82
4-Chlorotoluene
Concen: 91.290 ug/l
RT: 12.31 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 91 Resp: 594904
Ion Ratio Lower Upper
91 100
126 24.7 10.7 31.9

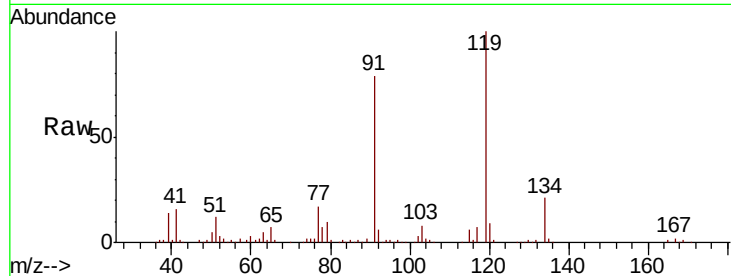




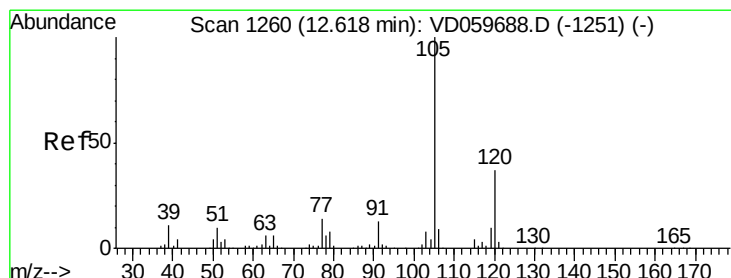
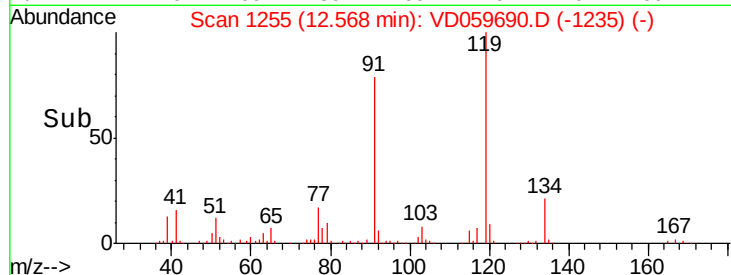
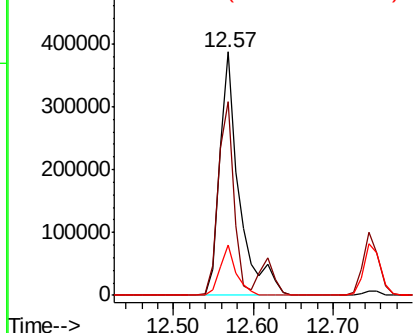
#83
 tert-Butylbenzene
 Concen: 95.891 ug/l
 RT: 12.57 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:119 Resp: 666231
 Ion Ratio Lower Upper
 119 100
 91 79.4 43.3 129.9
 134 20.7 10.5 31.6

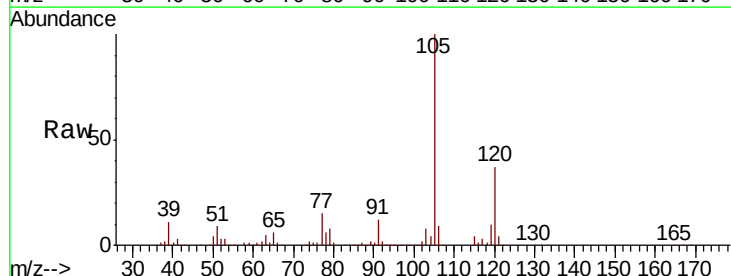


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

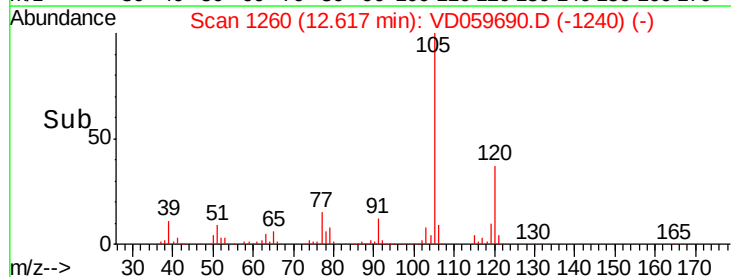
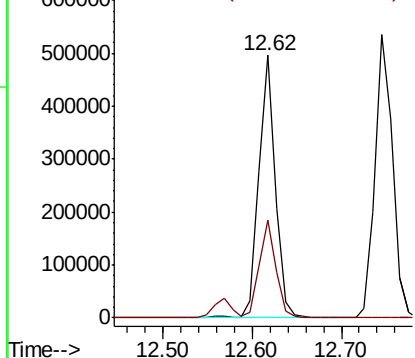


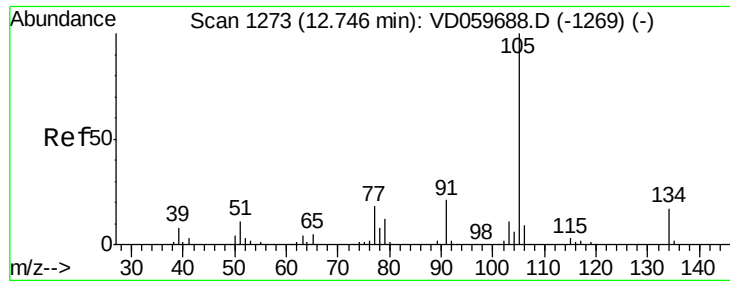
#84
 1,2,4-Trimethylbenzene
 Concen: 96.483 ug/l
 RT: 12.62 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion:105 Resp: 628863
 Ion Ratio Lower Upper
 105 100
 120 37.2 18.7 56.1



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

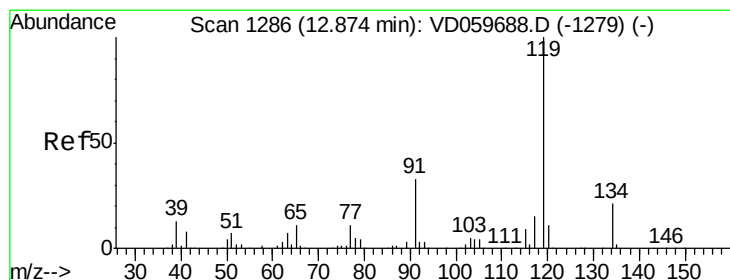
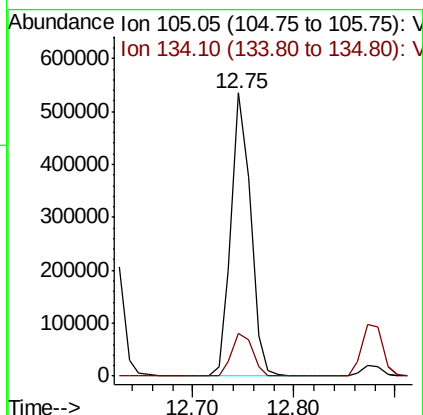
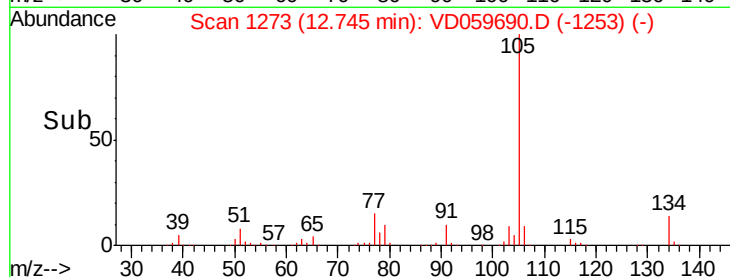
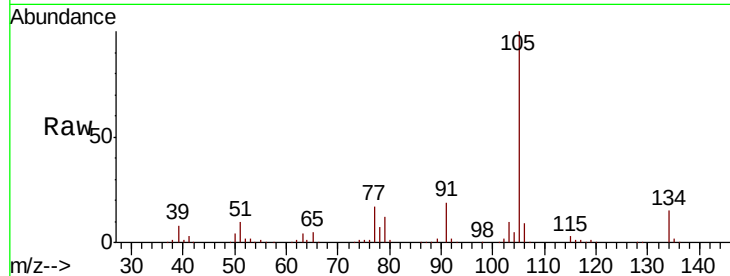




#85
 sec-Butylbenzene
 Concen: 93.741 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

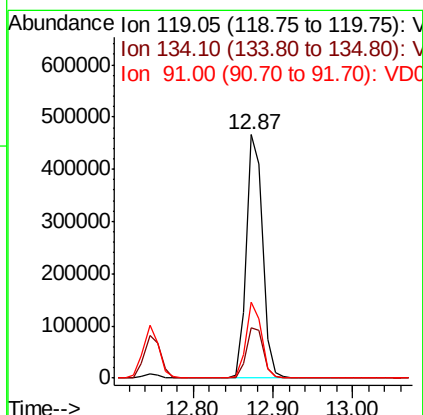
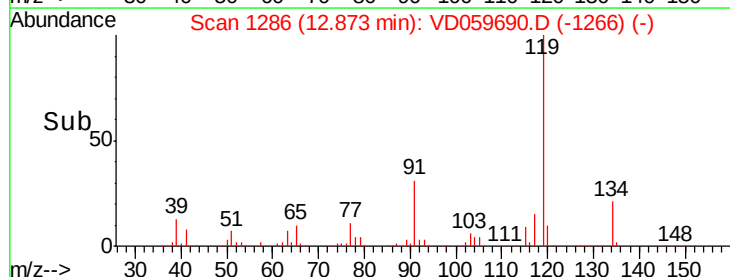
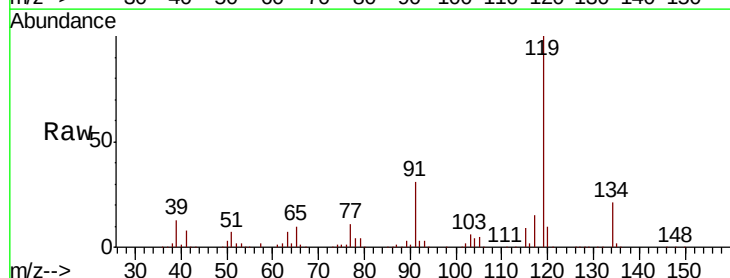
Instrument :
 MSVOA_D
 ClientSampleID :

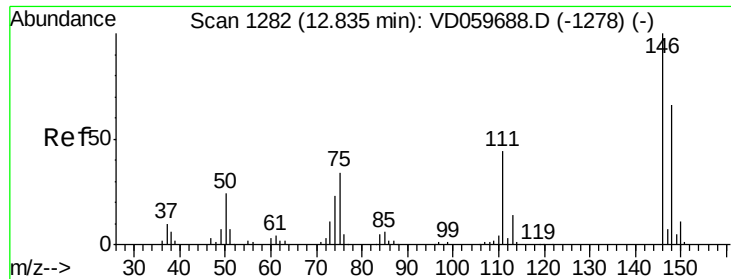
Tot Ion:105 Resp: 718798
 Ion Ratio Lower Upper
 105 100
 134 15.2 8.3 24.9



#86
 p-Isopropyltoluene
 Concen: 98.103 ug/l
 RT: 12.87 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion:119 Resp: 651630
 Ion Ratio Lower Upper
 119 100
 134 20.9 10.7 32.1
 91 31.2 16.6 49.7

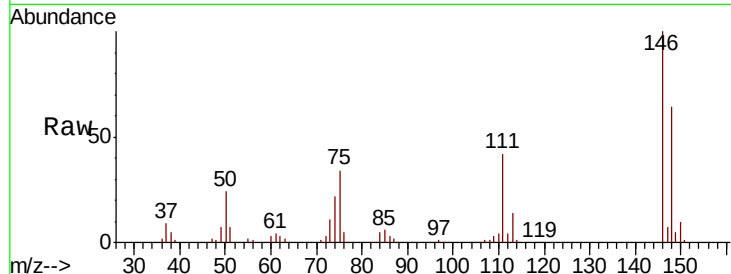




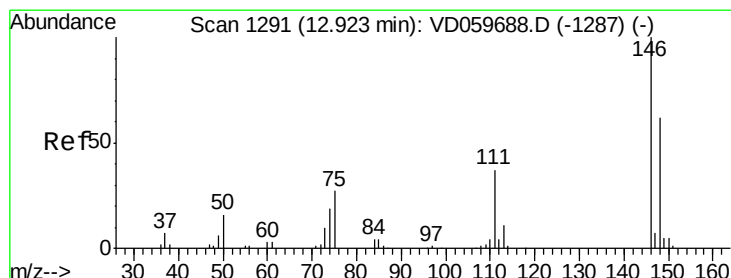
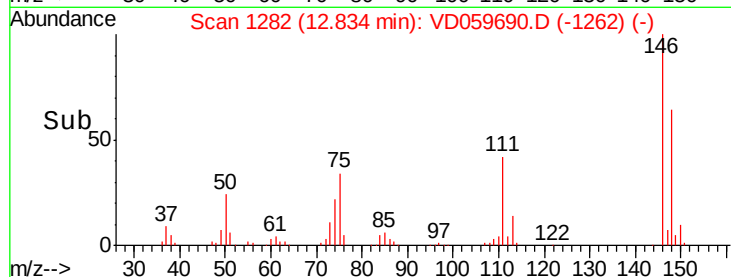
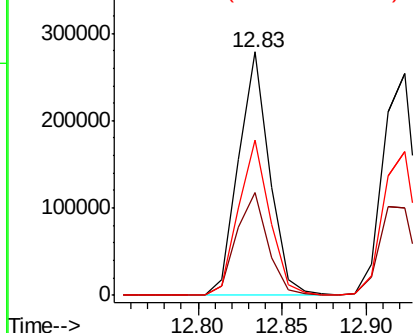
#87
 1,3-Dichlorobenzene
 Concen: 94.441 ug/l
 RT: 12.83 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.8	65.4
148	63.6	33.1	99.2

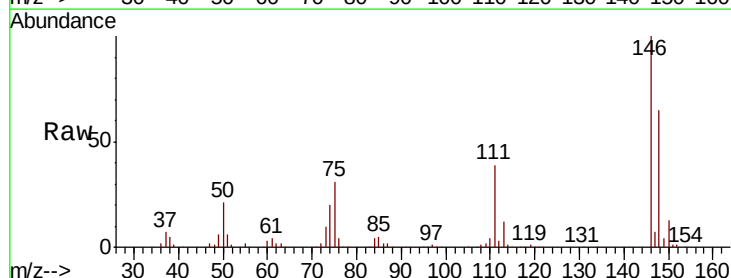


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

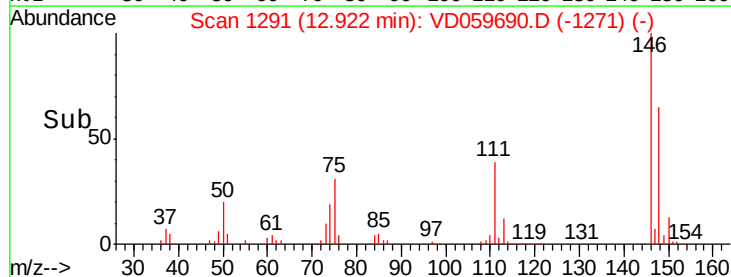
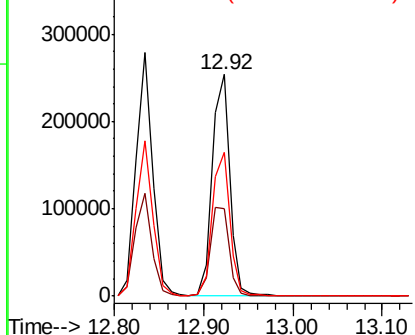


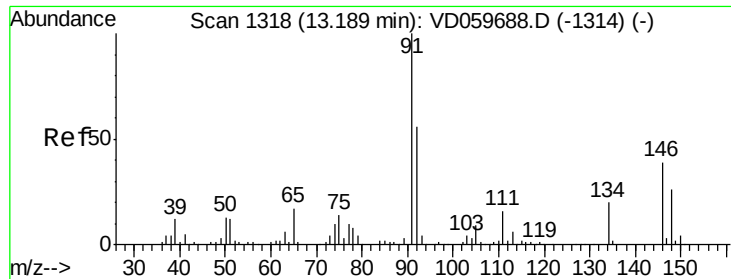
#88
 1,4-Dichlorobenzene
 Concen: 91.470 ug/l
 RT: 12.92 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.6	55.8
148	65.1	31.2	93.6



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

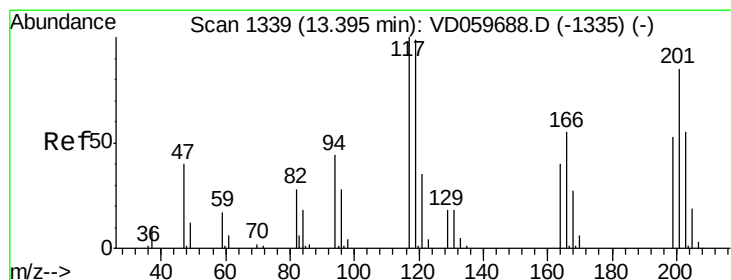
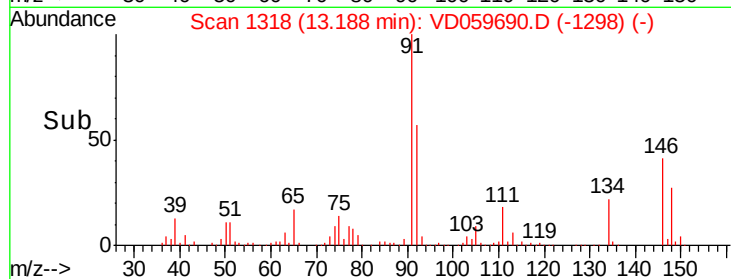
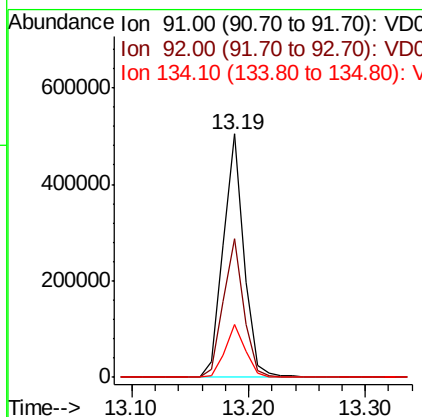
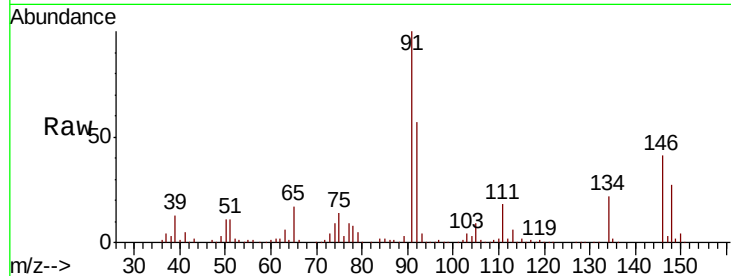




#89
n-Butylbenzene
Concen: 94.680 ug/l
RT: 13.19 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

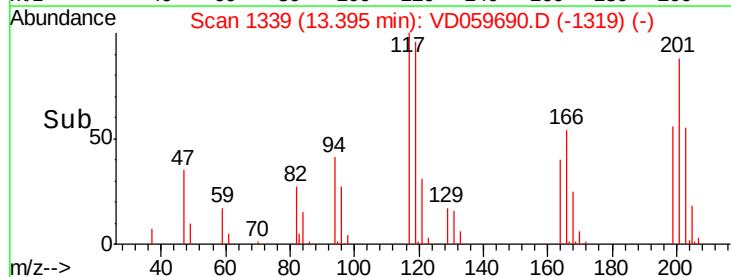
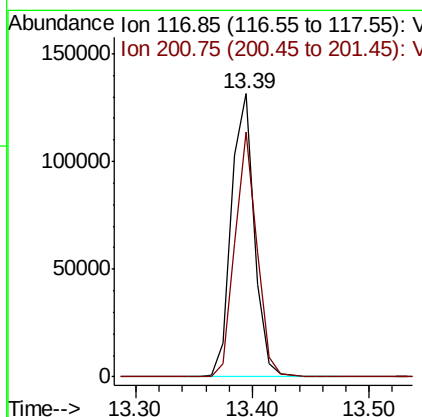
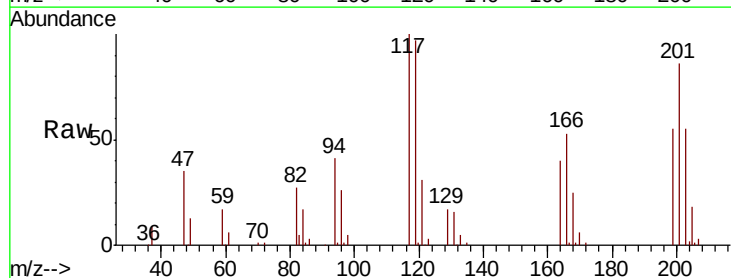
Instrument :
MSVOA_D
ClientSampleId :

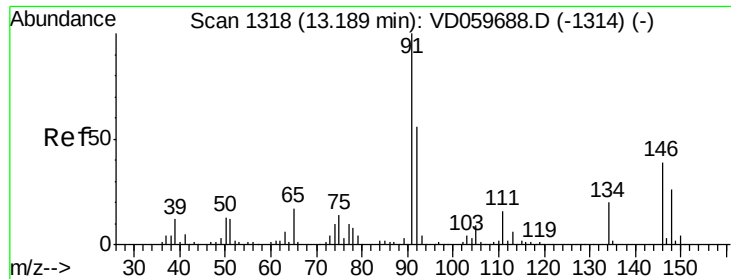
Tot Ion: 91 Resp: 620298
Ion Ratio Lower Upper
91 100
92 57.1 28.2 84.6
134 21.7 9.8 29.5



#90
Hexachloroethane
Concen: 103.087 ug/l
RT: 13.39 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion: 117 Resp: 178777
Ion Ratio Lower Upper
117 100
201 86.4 42.4 127.1

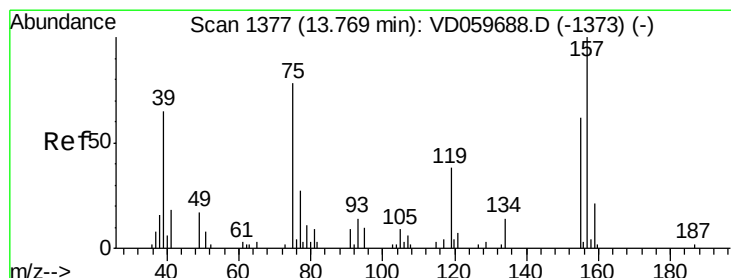
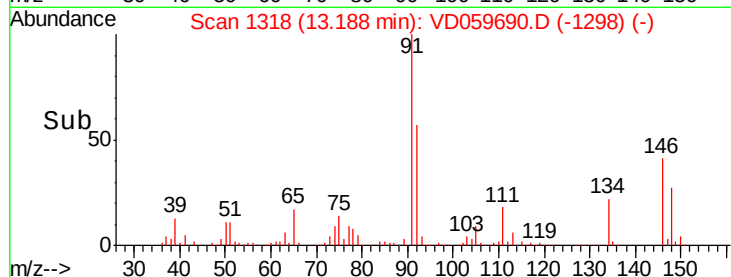
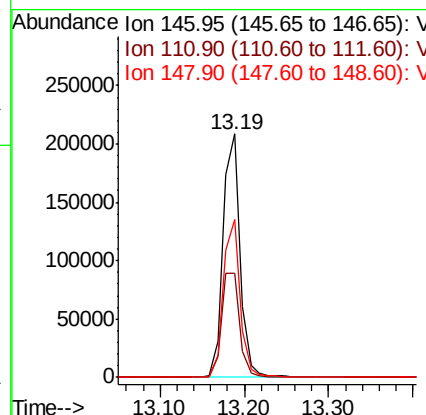
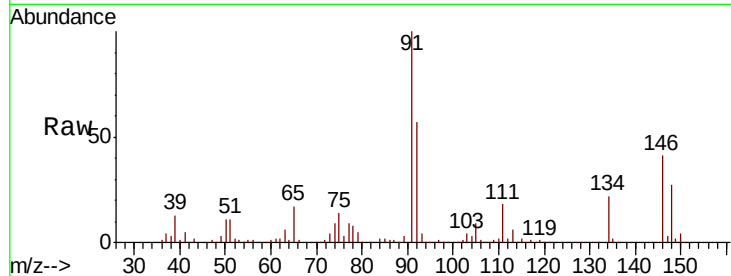




#91
 1,2-Dichlorobenzene
 Concen: 94.304 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

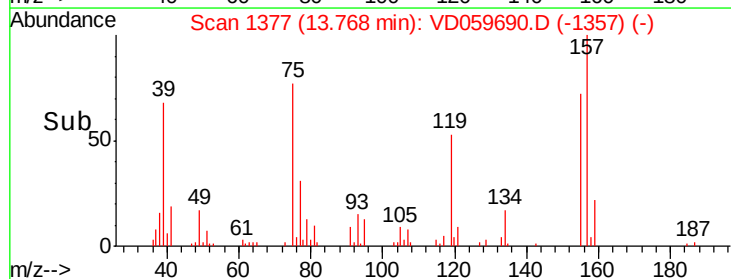
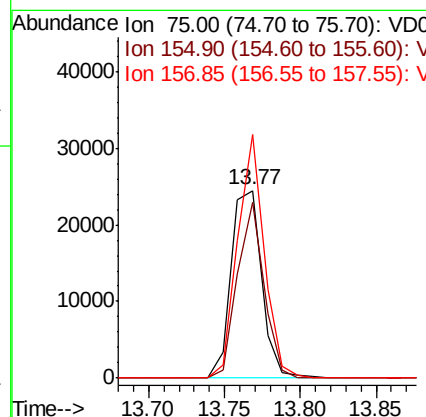
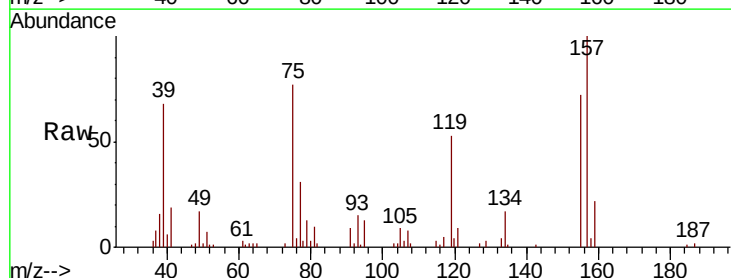
Instrument :
 MSVOA_D
 ClientSampled :

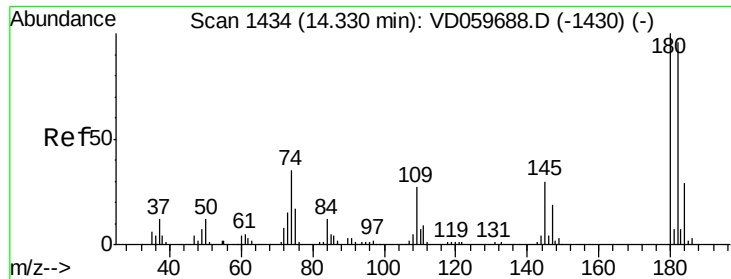
Tot Ion:146 Resp: 292378
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.2
 148 65.1 33.4 100.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.485 ug/l
 RT: 13.77 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion: 75 Resp: 34280
 Ion Ratio Lower Upper
 75 100
 155 93.9 40.0 119.9
 157 129.6 64.3 192.7

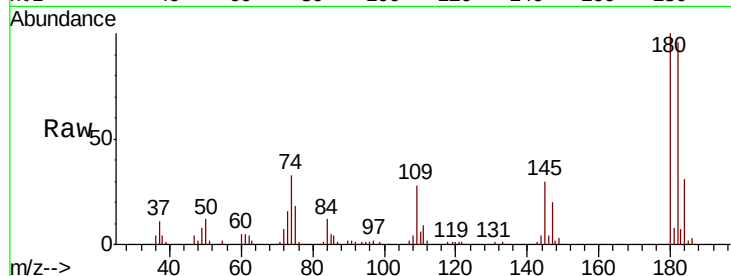




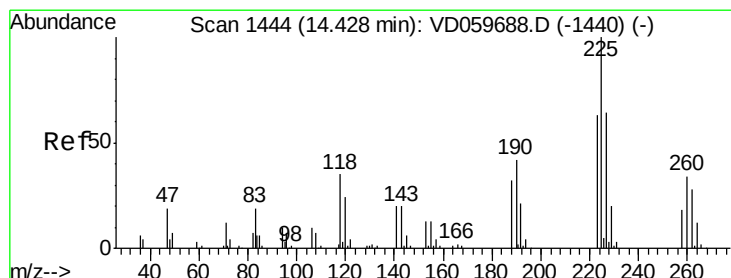
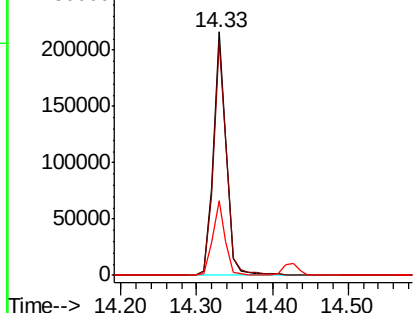
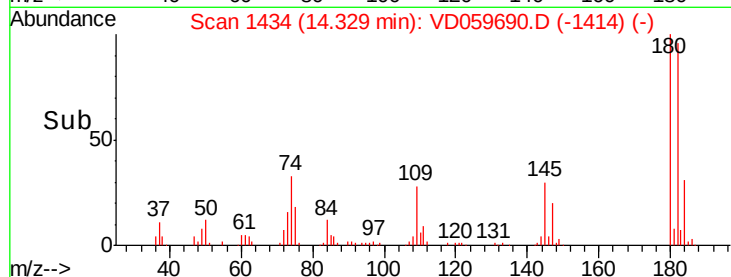
#93
 1,2,4-Trichlorobenzene
 Concen: 95.411 ug/l
 RT: 14.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:180 Resp: 265744
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.0
 145 30.4 14.8 44.4

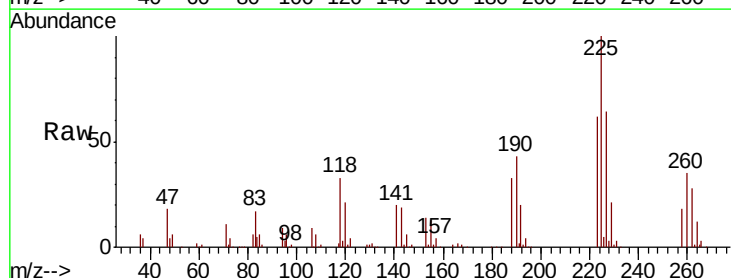


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

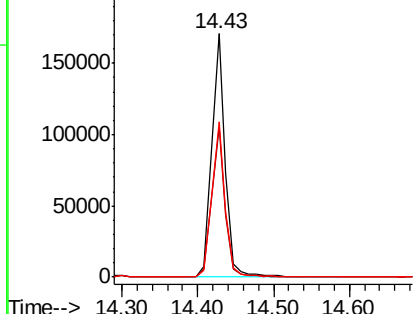
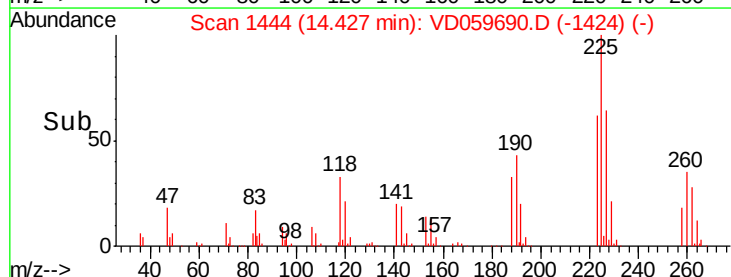


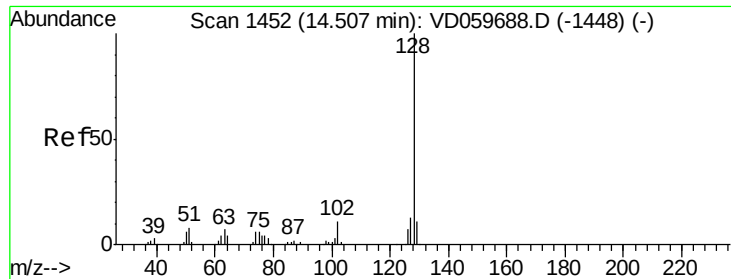
#94
 Hexachlorobutadiene
 Concen: 99.343 ug/l
 RT: 14.43 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VD059690.D
 Acq: 6 Aug 2018 13:02

Tgt Ion:225 Resp: 215926
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.3
 227 63.7 32.1 96.3



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

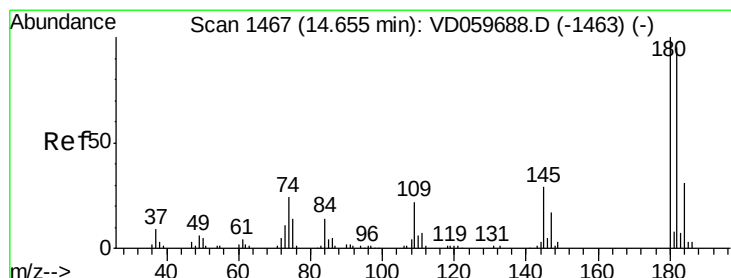
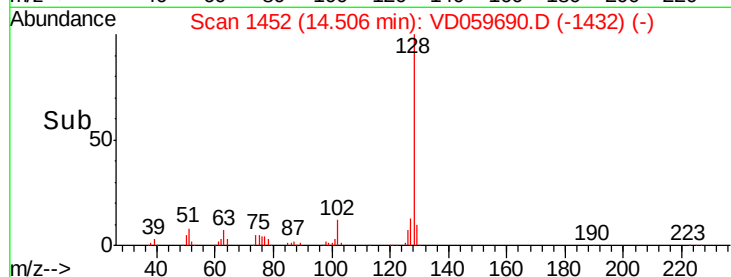
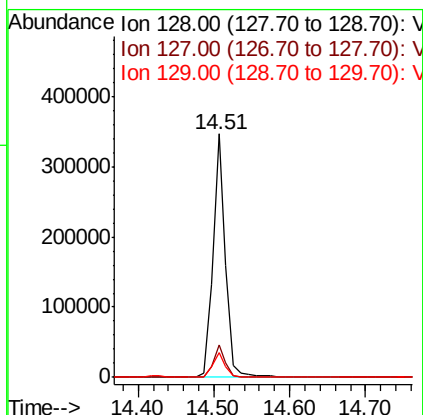
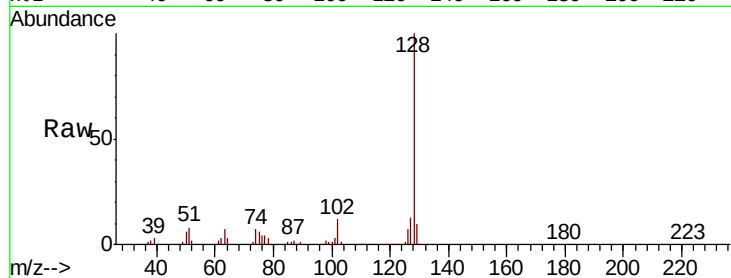




#95
Naphthalene
Concen: 97.534 ug/l
RT: 14.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 406471
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 95.609 ug/l
RT: 14.65 min Scan# 1467
Delta R.T. -0.00 min
Lab File: VD059690.D
Acq: 6 Aug 2018 13:02

Tgt Ion:180 Resp: 237944
Ion Ratio Lower Upper
180 100
182 97.8 47.5 142.5
145 30.1 14.5 43.5

