

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059736.D
 Acq On : 10 Aug 2018 18:38
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 05:01:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	154326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	192627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	160149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	88854	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	176051	86.07	ug/l	0.00
Spiked Amount			Recovery	=	172.14%	
35) Dibromofluoromethane	5.54	113	144270	81.74	ug/l	0.00
Spiked Amount			Recovery	=	163.48%	
50) Toluene-d8	8.70	98	278884	73.73	ug/l	0.00
Spiked Amount			Recovery	=	147.46%	
62) 4-Bromofluorobenzene	11.93	95	143157	80.16	ug/l	0.00
Spiked Amount			Recovery	=	160.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.32	85	164878	76.466	ug/l	91
3) Chloromethane	1.47	50	71147	75.586	ug/l	92
4) Vinyl Chloride	1.54	62	89343	80.980	ug/l	100
5) Bromomethane	1.78	94	34043	91.054	ug/l	98
6) Chloroethane	1.87	64	45715	97.350	ug/l	93
7) Trichlorofluoromethane	2.07	101	171404	90.589	ug/l	100
8) Diethyl Ether	2.33	74	29629	86.632	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.54	101	88014	83.897	ug/l	97
10) Methyl Iodide	2.68	142	115759	95.674	ug/l	97
11) Tert butyl alcohol	3.25	59	30388	417.530	ug/l	98
12) 1,1-Dichloroethene	2.52	96	66512	87.865	ug/l	98
13) Acrolein	2.46	56	17879	280.990	ug/l	94
14) Allyl chloride	2.91	41	146360	83.657	ug/l	99
15) Acrylonitrile	3.34	53	79529	393.163	ug/l	98
16) Acetone	2.60	43	154375	408.080	ug/l	98
17) Carbon Disulfide	2.74	76	236002	86.313	ug/l	100
18) Methyl Acetate	2.92	43	55761	79.037	ug/l	100
19) Methyl tert-butyl Ether	3.40	73	239400	81.300	ug/l	99
20) Methylene Chloride	3.06	84	73434	50.440	ug/l	98
21) trans-1,2-Dichloroethene	3.37	96	78877	79.293	ug/l	99
22) Diisopropyl ether	4.06	45	266519	66.822	ug/l	89
23) Vinyl Acetate	4.00	43	898489	350.028	ug/l	99
24) 1,1-Dichloroethane	3.96	63	193070	72.531	ug/l	98
25) 2-Butanone	4.83	43	164577	344.795	ug/l	100
26) 2,2-Dichloropropane	4.79	77	228024	79.127	ug/l	99
27) cis-1,2-Dichloroethene	4.79	96	98463	70.204	ug/l	96
28) Bromochloromethane	5.13	49	69914	69.896	ug/l	91
29) Tetrahydrofuran	5.17	42	58678	315.699	ug/l	95
30) Chloroform	5.31	83	252411	76.361	ug/l	100
31) Cyclohexane	5.58	56	109164	56.322	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	265458	81.879	ug/l	98
36) 1,1-Dichloropropene	5.74	75	157485	73.453	ug/l	93
37) Ethyl Acetate	4.92	43	74228	71.321	ug/l #	95
38) Carbon Tetrachloride	5.71	117	251542	84.942	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059736.D
 Acq On : 10 Aug 2018 18:38
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 05:01:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	120645	68.114	ug/l	95
40) Benzene	6.01	78	261885	64.062	ug/l	100
41) Methacrylonitrile	5.11	41	33829	71.282	ug/l	96
42) 1,2-Dichloroethane	6.12	62	220034	82.678	ug/l	98
43) Isopropyl Acetate	7.61	43	92619	69.057	ug/l	99
44) Trichloroethene	6.97	130	109480	71.671	ug/l	97
45) 1,2-Dichloropropane	7.34	63	71842	66.637	ug/l	97
46) Dibromomethane	7.45	93	73387	76.029	ug/l	98
47) Bromodichloromethane	7.73	83	198383	79.997	ug/l	98
48) Methyl methacrylate	7.50	41	68946	76.268	ug/l	96
49) 1,4-Dioxane	7.48	88	11241	1637.672	ug/l	94
51) 4-Methyl-2-Pentanone	8.59	43	363458	366.728	ug/l	98
52) Toluene	8.79	92	177187	67.644	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	160431	77.361	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	155661	74.089	ug/l	92
55) 1,1,2-Trichloroethane	9.45	97	69887	68.648	ug/l	97
56) Ethyl methacrylate	9.31	69	73167	65.730	ug/l	90
57) 1,3-Dichloropropane	9.66	76	117079	73.839	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.18	63	184831	345.054	ug/l	98
59) 2-Hexanone	9.78	43	278927	374.414	ug/l	98
60) Dibromochloromethane	9.95	129	141794	85.562	ug/l	95
61) 1,2-Dibromoethane	10.09	107	87197	74.120	ug/l	100
64) Tetrachloroethene	9.51	164	106177	69.746	ug/l	97
65) Chlorobenzene	10.72	112	228609	67.862	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	113376	74.558	ug/l	98
67) Ethyl Benzene	10.86	91	421912	69.155	ug/l	97
68) m/p-Xylenes	11.00	106	265002	137.129	ug/l	97
69) o-Xylene	11.40	106	127364	67.460	ug/l	94
70) Styrene	11.43	104	213833	67.736	ug/l	97
71) Bromoform	11.60	173	96629	84.264	ug/l	99
73) Isopropylbenzene	11.77	105	411347	69.808	ug/l	99
74) N-amyl acetate	11.64	43	125232	67.344	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.08	83	80823	68.779	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	91099	66.673	ug/l	99
77) Bromobenzene	12.04	156	124462	72.276	ug/l	88
78) n-propylbenzene	12.16	91	509855	69.908	ug/l	96
79) 2-Chlorotoluene	12.21	91	317724	71.834	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	367549	74.533	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	22114	68.757	ug/l	98
82) 4-Chlorotoluene	12.32	91	381301	73.390	ug/l	98
83) tert-Butylbenzene	12.57	119	403820	73.642	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	392968	75.051	ug/l	97
85) sec-Butylbenzene	12.76	105	431219	70.691	ug/l	97
86) p-Isopropyltoluene	12.88	119	375491	72.060	ug/l	95
87) 1,3-Dichlorobenzene	12.83	146	206199	69.032	ug/l	96
88) 1,4-Dichlorobenzene	12.92	146	207910	70.366	ug/l	96
89) n-Butylbenzene	13.19	91	376177	71.628	ug/l	99
90) Hexachloroethane	13.40	117	109455	80.496	ug/l	86
91) 1,2-Dichlorobenzene	13.19	146	176938	70.731	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	20587	82.568	ug/l	92

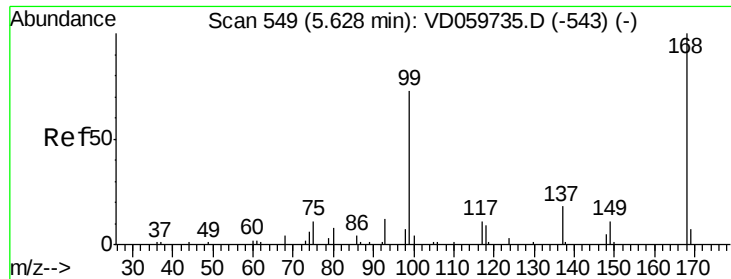
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
Data File : VD059736.D
Acq On : 10 Aug 2018 18:38
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 11 05:01:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 04:59:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	168295	73.754	ug/l	96
94) Hexachlorobutadiene	14.43	225	141228	79.327	ug/l	98
95) Naphthalene	14.52	128	228111	68.639	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	146582	74.483	ug/l	96

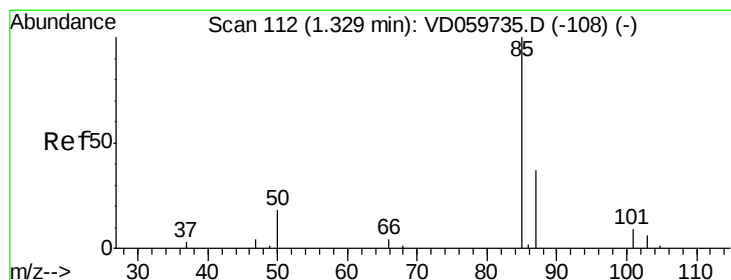
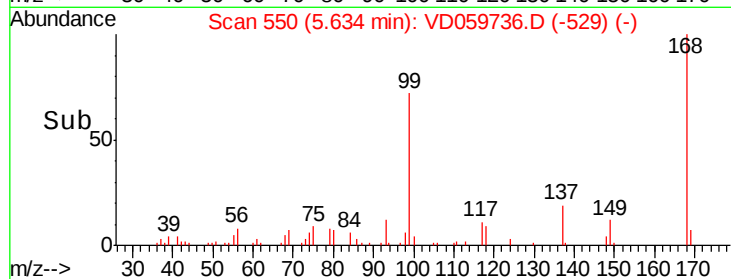
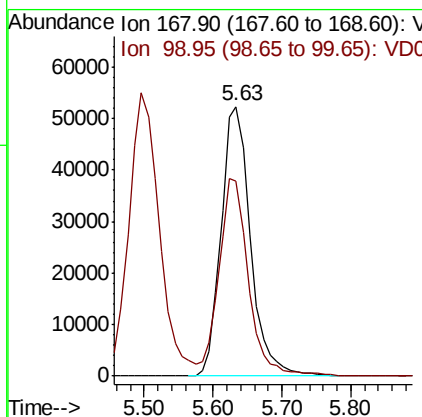
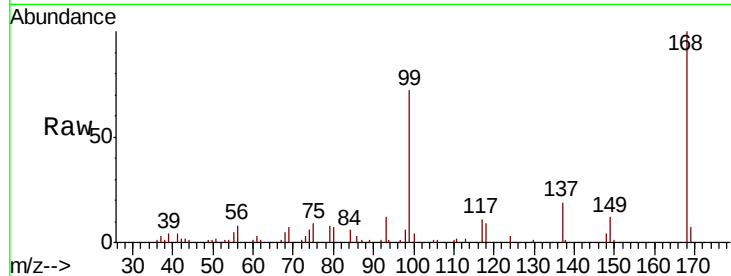
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

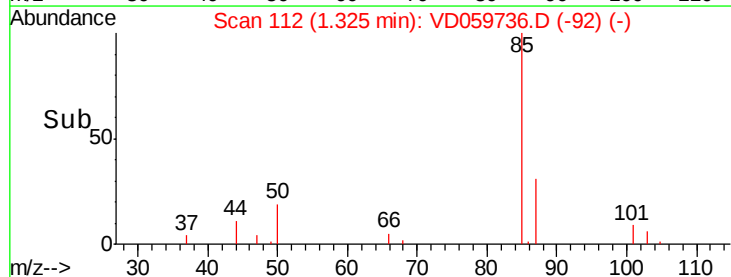
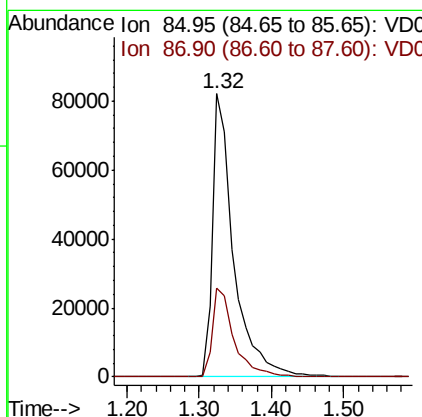
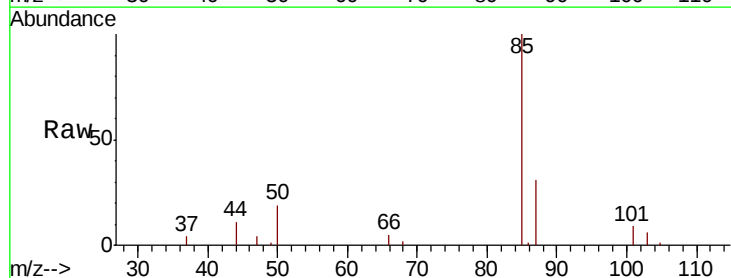
Instrument :
MSVOA_D
ClientSampled :

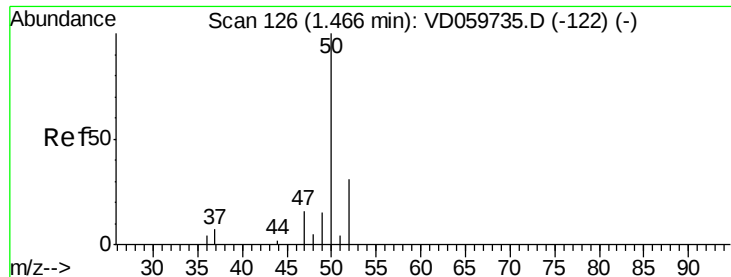
Tot Ion:168 Resp: 154326
Ion Ratio Lower Upper
168 100
99 72.3 61.4 92.2



#2
Dichlorodifluoromethane
Concen: 76.466 ug/l
RT: 1.32 min Scan# 112
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 85 Resp: 164878
Ion Ratio Lower Upper
85 100
87 31.2 18.3 54.8





#3

Chloromethane

Concen: 75.586 ug/l

RT: 1.47 min Scan# 127

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

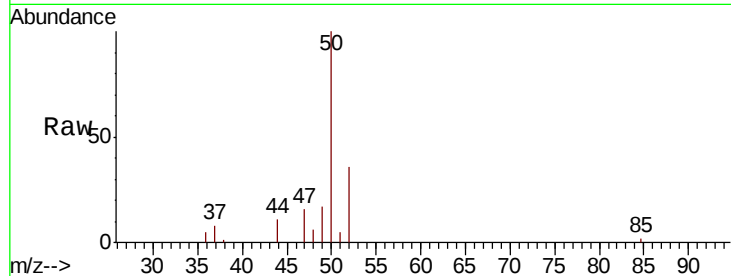
ClientSampleId :

Tot Ion: 50 Resp: 71147

Ion Ratio Lower Upper

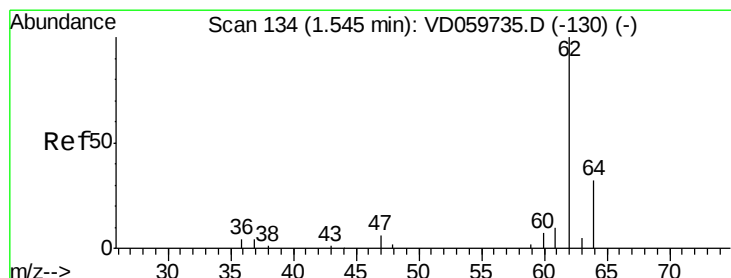
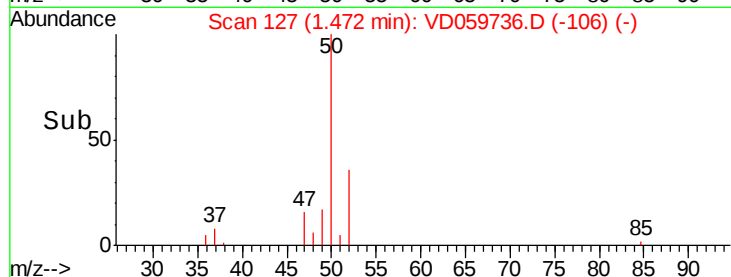
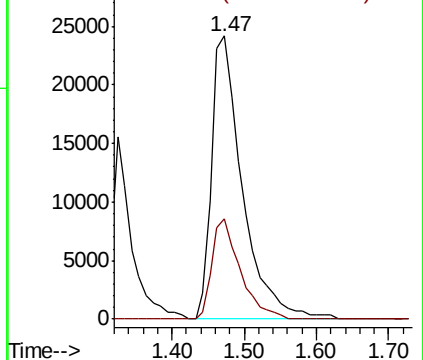
50 100

52 35.6 24.8 37.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 80.980 ug/l

RT: 1.54 min Scan# 134

Delta R.T. -0.00 min

Lab File: VD059736.D

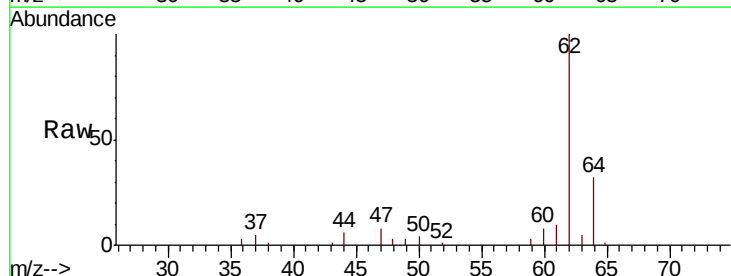
Acq: 10 Aug 2018 18:38

Tgt Ion: 62 Resp: 89343

Ion Ratio Lower Upper

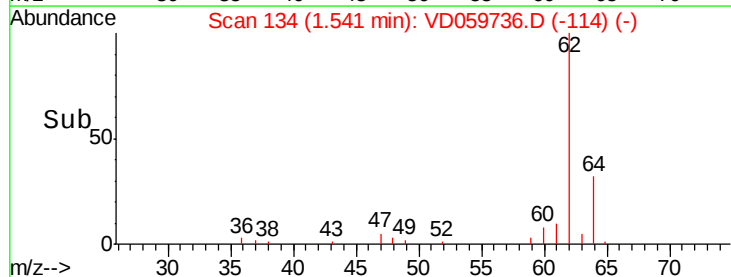
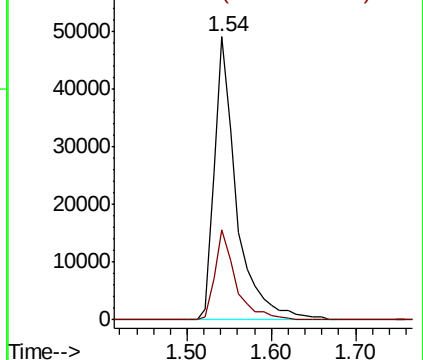
62 100

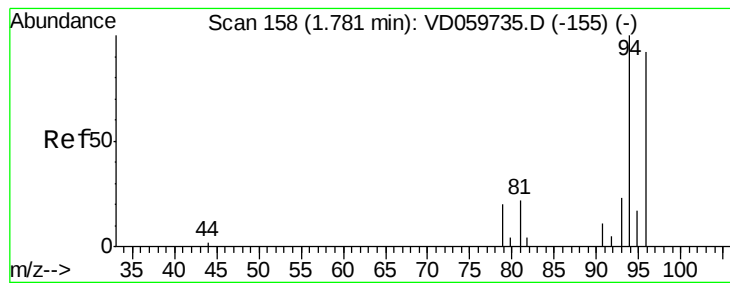
64 31.8 25.3 37.9



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 91.054 ug/l

RT: 1.78 min Scan# 158

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

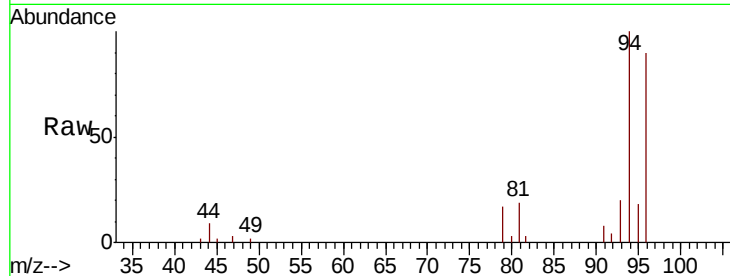
ClientSampleId :

Tot Ion: 94 Resp: 34043

Ion Ratio Lower Upper

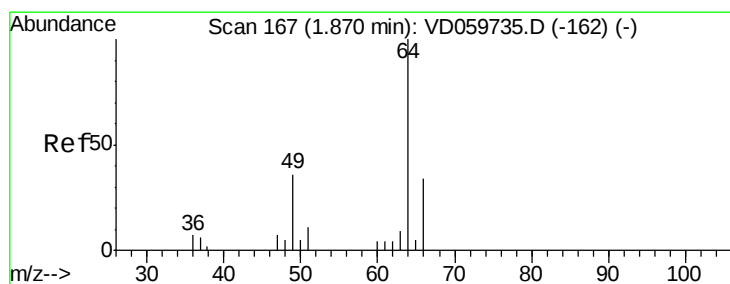
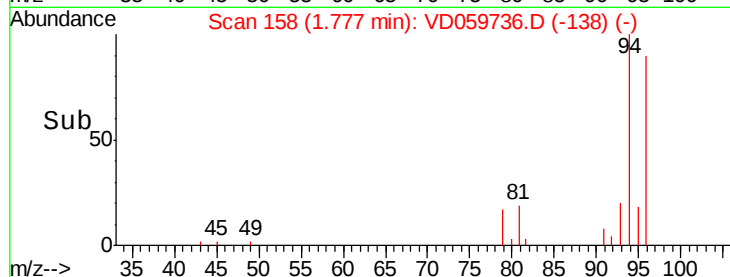
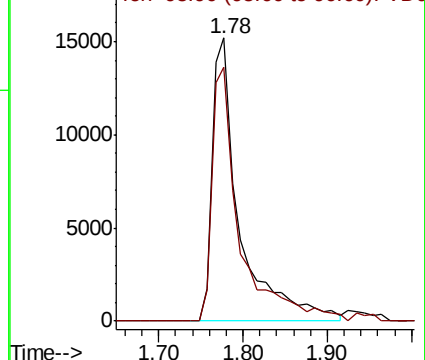
94 100

96 89.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 97.350 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD059736.D

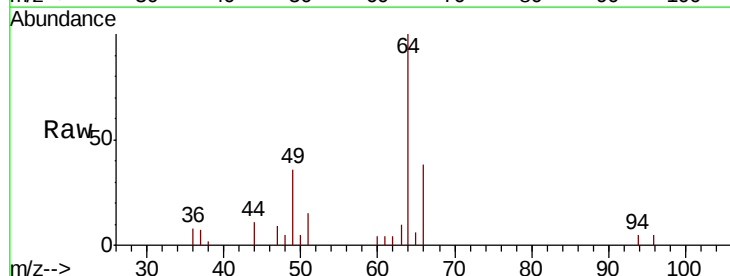
Acq: 10 Aug 2018 18:38

Tgt Ion: 64 Resp: 45715

Ion Ratio Lower Upper

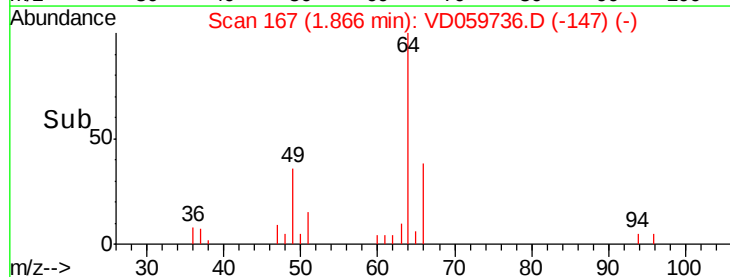
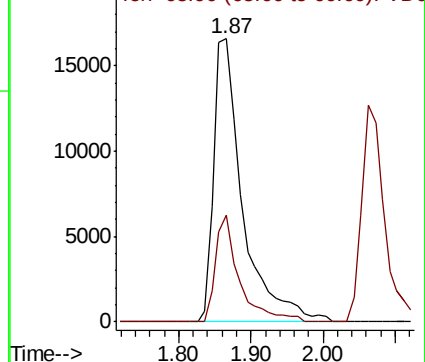
64 100

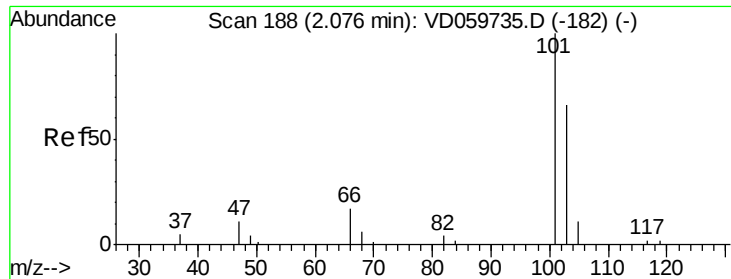
66 37.9 26.9 40.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



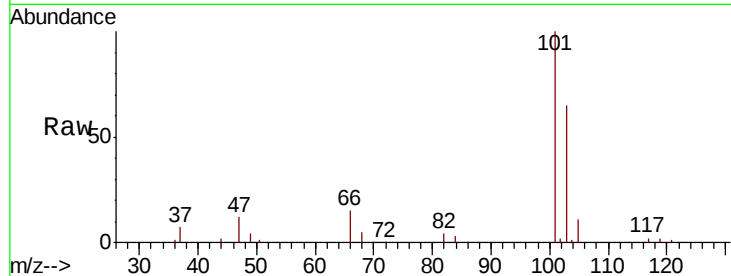


#7

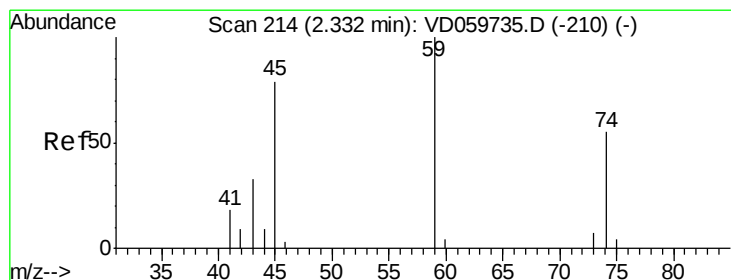
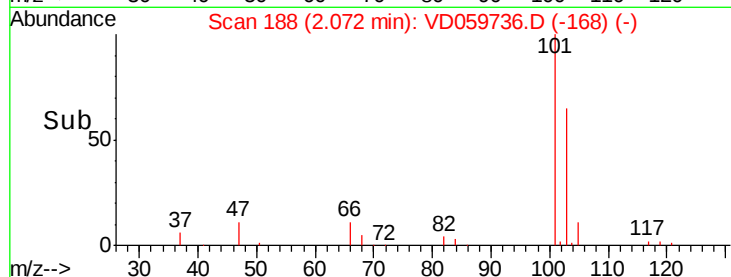
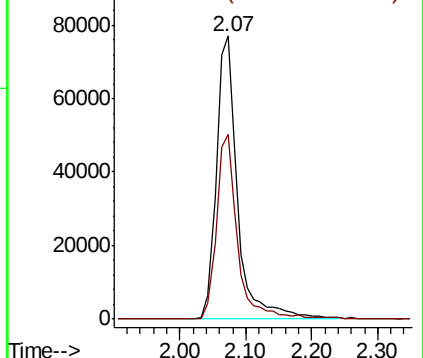
Trichlorofluoromethane
Concen: 90.589 ug/l
RT: 2.07 min Scan# 188
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 171404
Ion Ratio Lower Upper
101 100
103 65.4 52.4 78.6



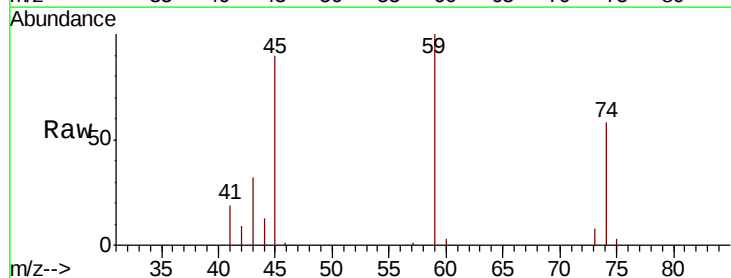
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



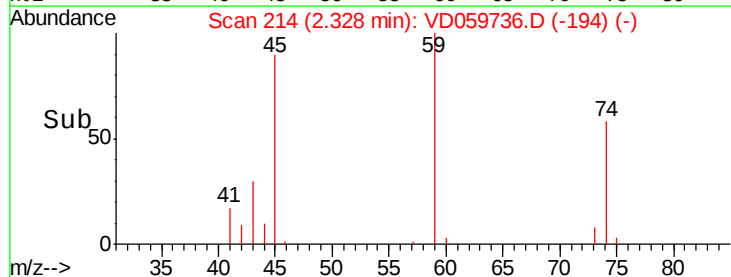
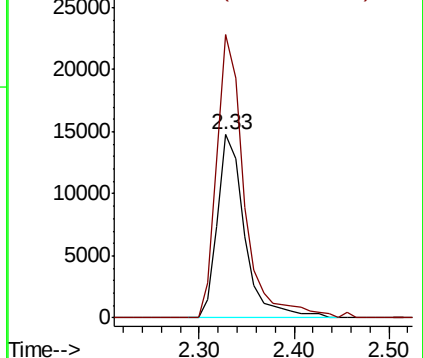
#8

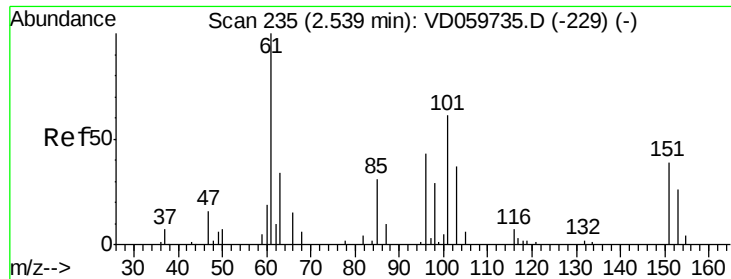
Diethyl Ether
Concen: 86.632 ug/l
RT: 2.33 min Scan# 214
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 74 Resp: 29629
Ion Ratio Lower Upper
74 100
45 154.4 71.1 213.3



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: 83.897 ug/l

RT: 2.54 min Scan# 236

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

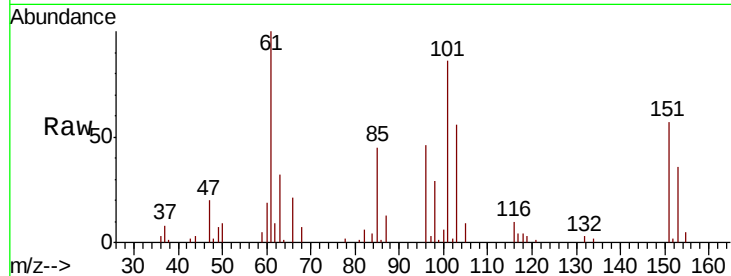
Tot Ion:101 Resp: 88014

Ion Ratio Lower Upper

101 100

85 52.0 39.7 59.5

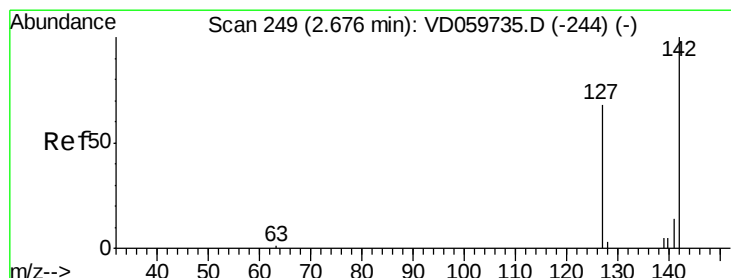
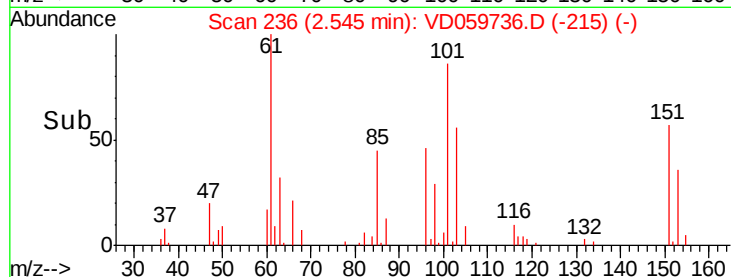
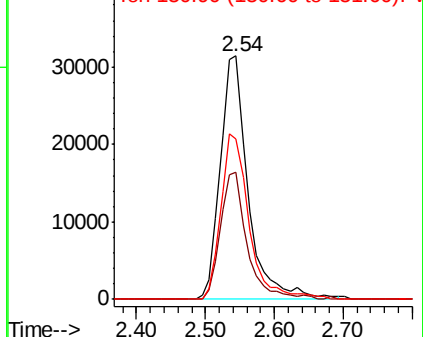
151 66.1 50.8 76.2



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: 95.674 ug/l

RT: 2.68 min Scan# 250

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

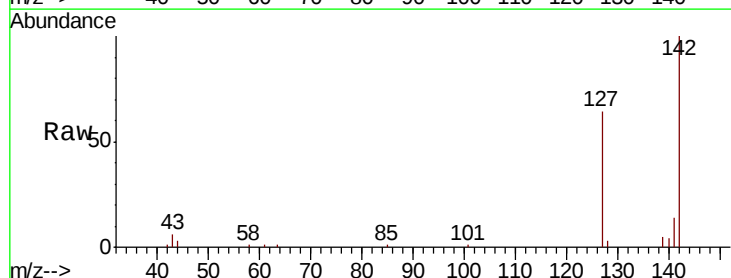
Tgt Ion:142 Resp: 115759

Ion Ratio Lower Upper

142 100

127 64.2 54.0 81.0

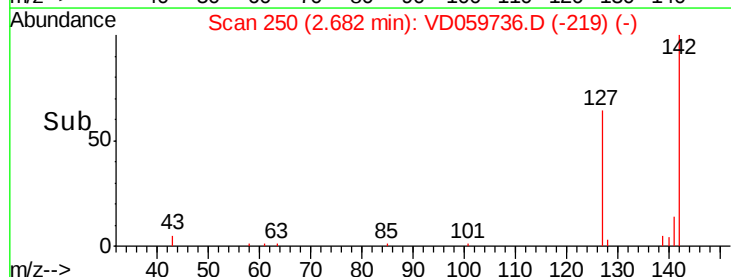
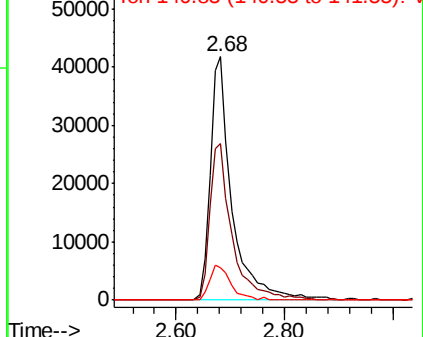
141 13.5 11.0 16.4

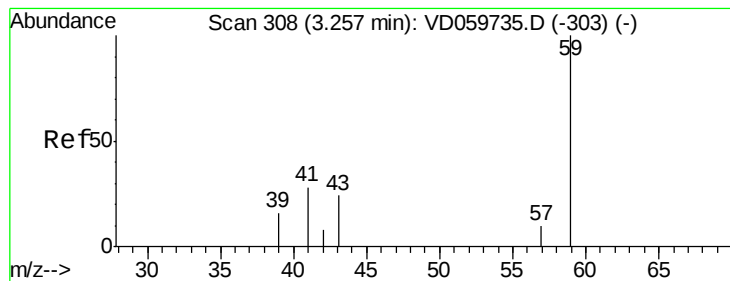


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



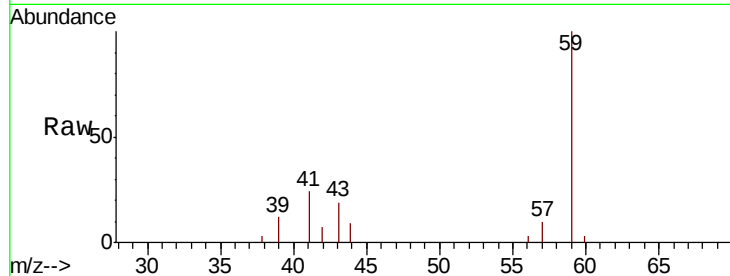


#11

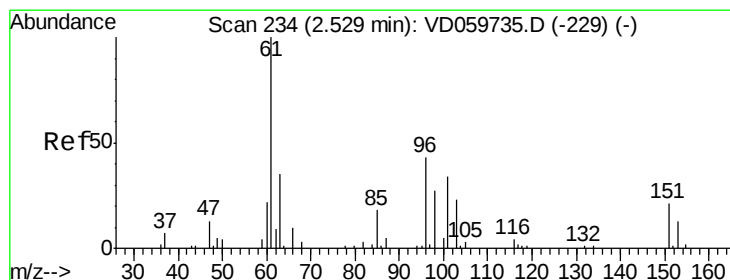
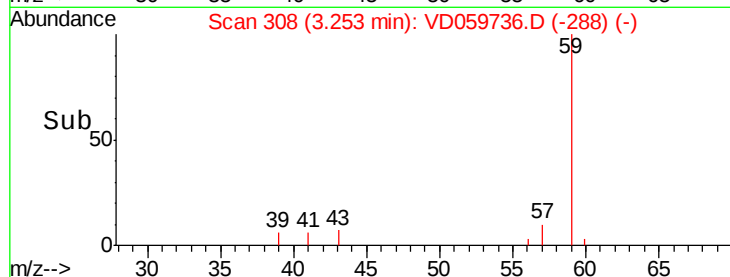
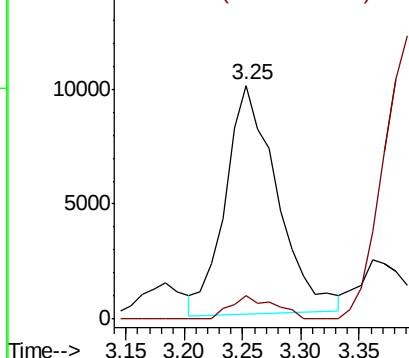
Tert butyl alcohol
 Concen: 417.530 ug/l
 RT: 3.25 min Scan# 308
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 59 Resp: 30388
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.3 10.9



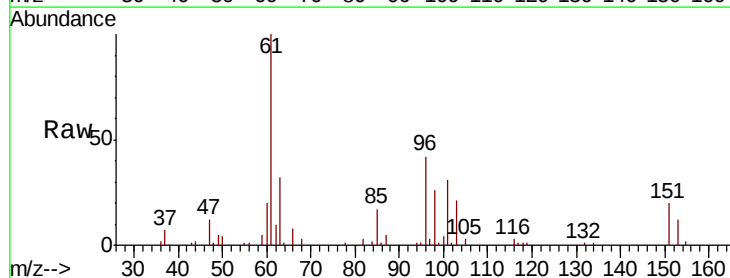
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



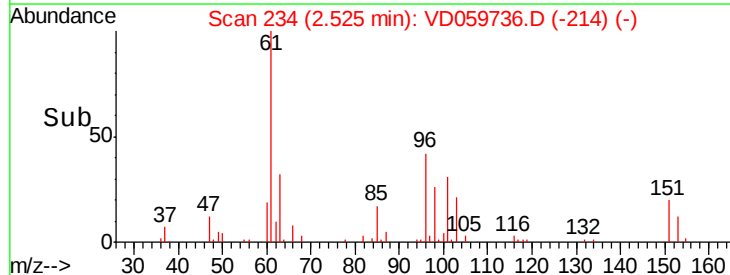
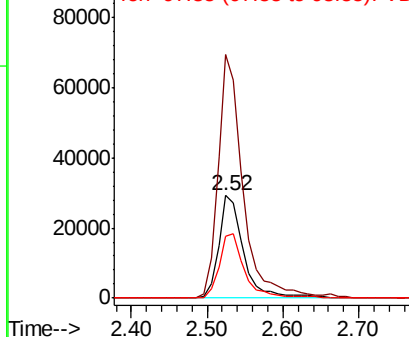
#12

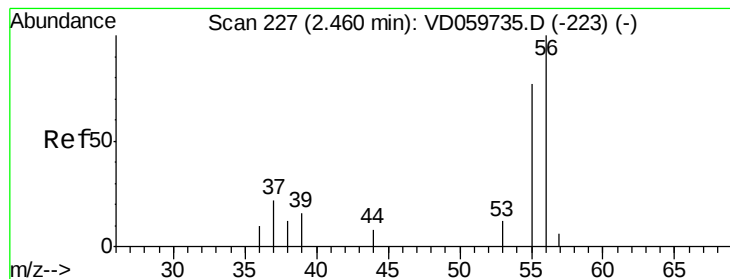
1,1-Dichloroethene
 Concen: 87.865 ug/l
 RT: 2.52 min Scan# 234
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 96 Resp: 66512
 Ion Ratio Lower Upper
 96 100
 61 236.9 187.2 280.8
 98 60.6 50.4 75.6



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





#13

Acrolein

Concen: 280.990 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

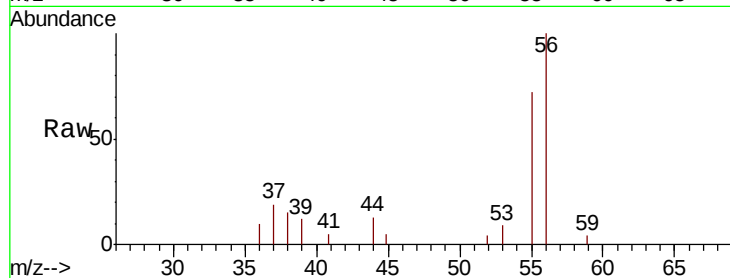
ClientSampleId :

Tot Ion: 56 Resp: 17879

Ion Ratio Lower Upper

56 100

55 71.8 61.4 92.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.46

8000

6000

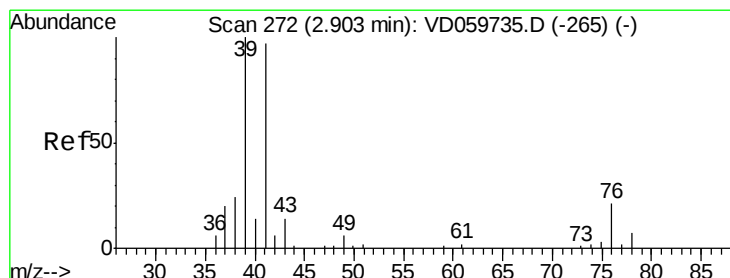
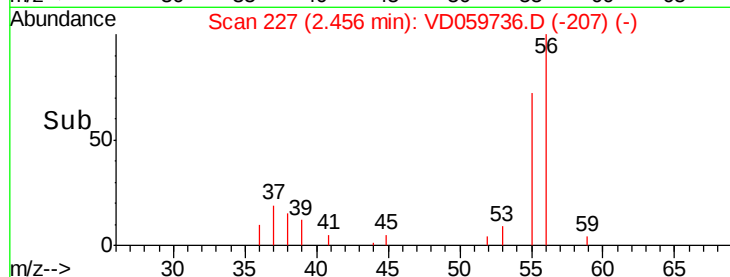
4000

2000

0

Time-->

2.40 2.45 2.50 2.55



#14

Allyl chloride

Concen: 83.657 ug/l

RT: 2.91 min Scan# 273

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

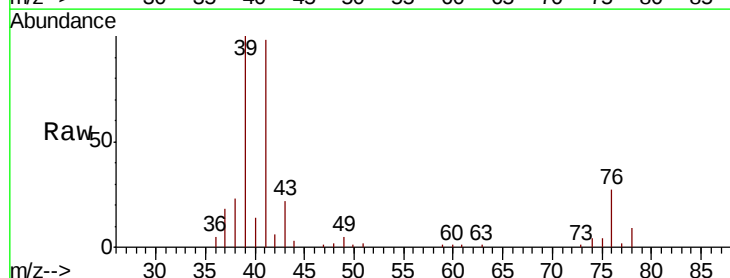
Tgt Ion: 41 Resp: 146360

Ion Ratio Lower Upper

41 100

39 102.4 82.9 124.3

76 28.0 22.2 33.2



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

2.91

100000

80000

60000

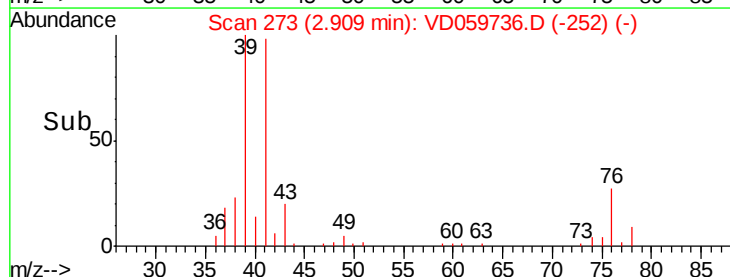
40000

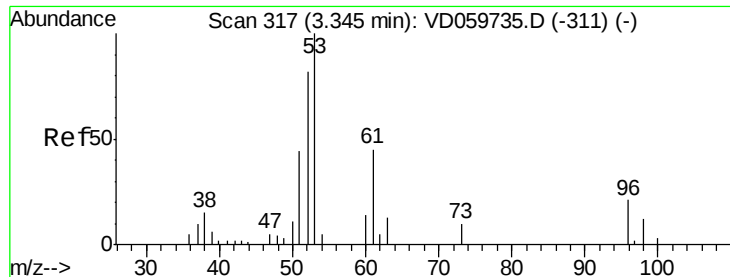
20000

0

Time-->

2.80 2.90 3.00

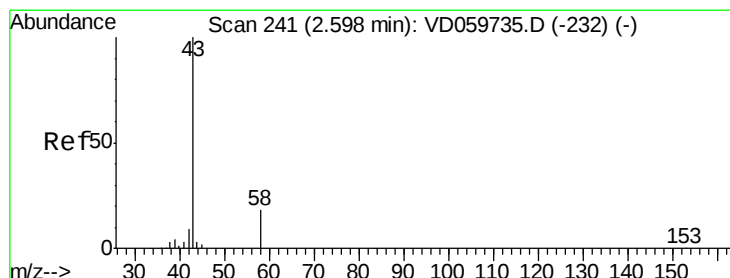
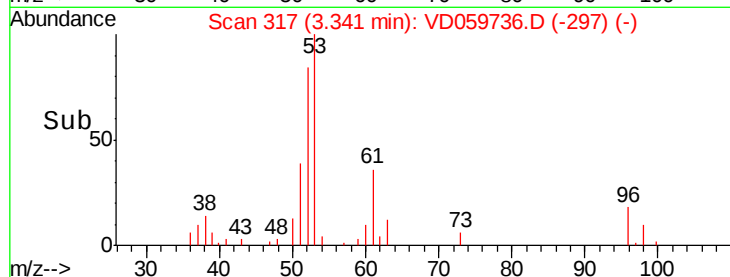
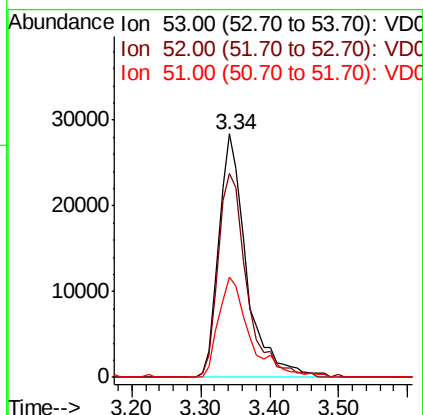
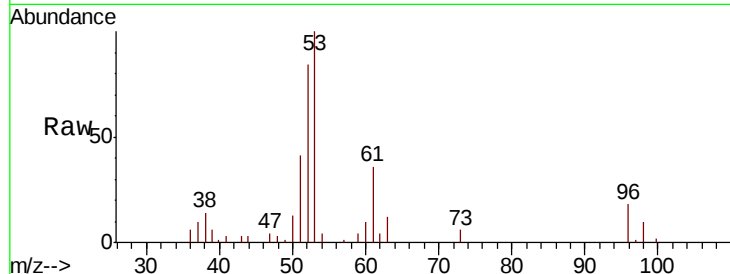




#15
 Acrylonitrile
 Concen: 393.163 ug/l
 RT: 3.34 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

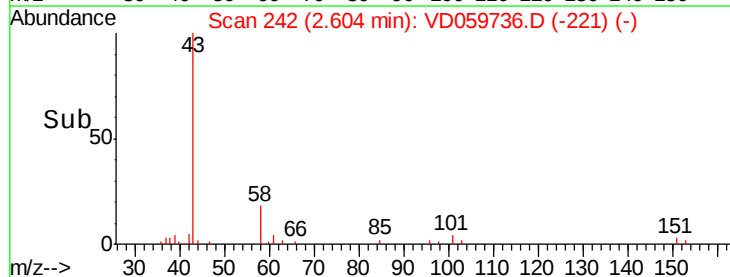
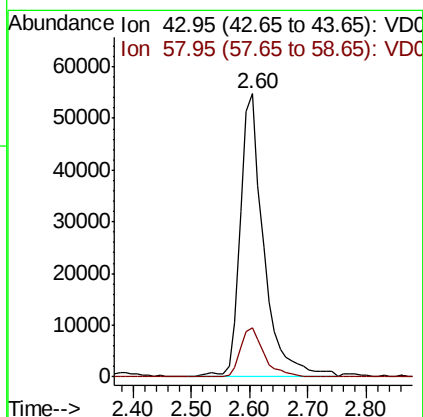
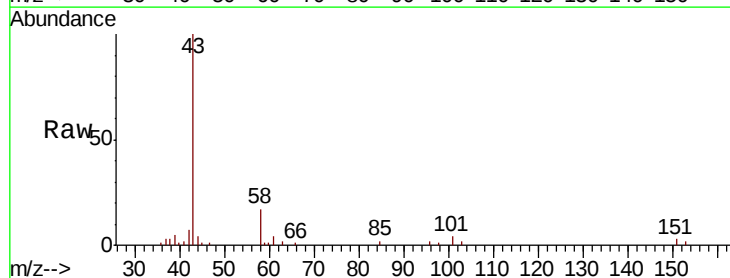
Instrument :
 MSVOA_D
 ClientSampleId :

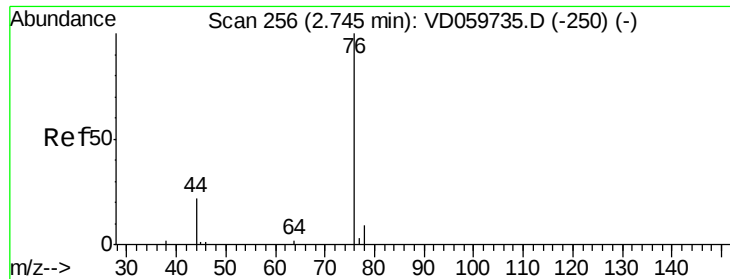
Tot Ion: 53 Resp: 79529
 Ion Ratio Lower Upper
 53 100
 52 83.5 65.8 98.6
 51 41.3 35.1 52.7



#16
 Acetone
 Concen: 408.080 ug/l
 RT: 2.60 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 43 Resp: 154375
 Ion Ratio Lower Upper
 43 100
 58 17.4 14.6 21.8

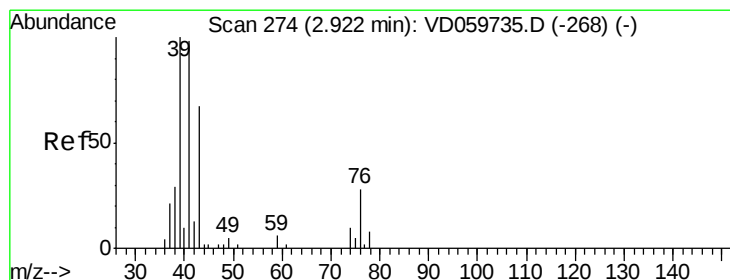
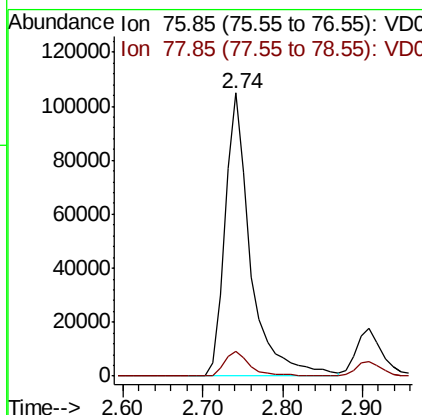
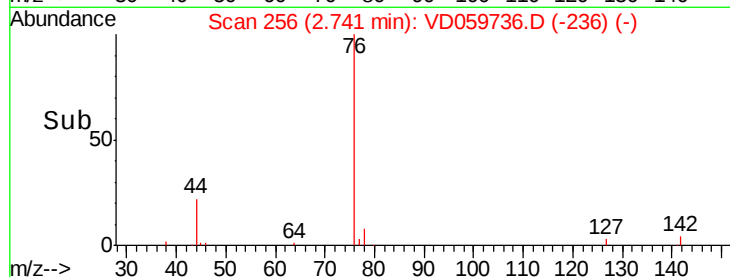
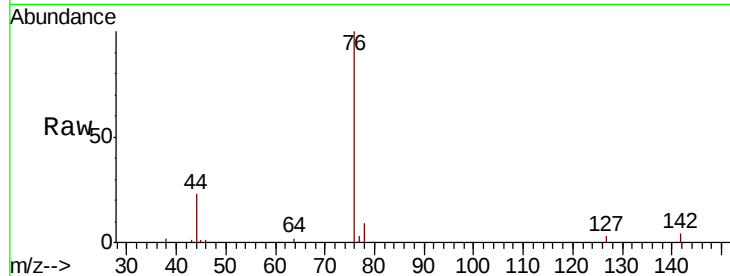




#17
Carbon Disulfide
Concen: 86.313 ug/l
RT: 2.74 min Scan# 256
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

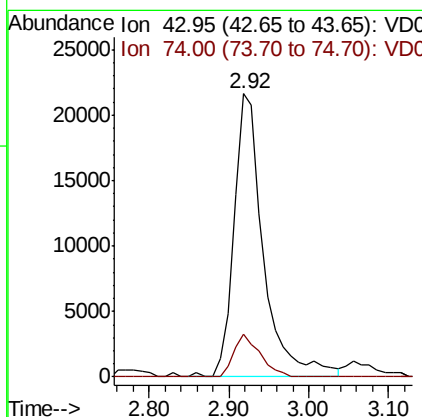
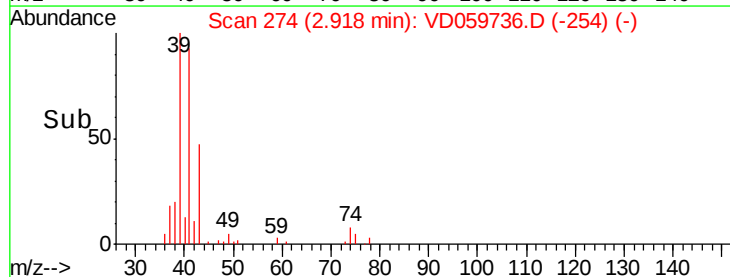
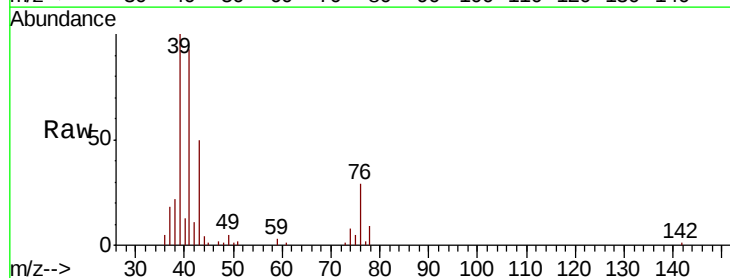
Instrument :
MSVOA_D
ClientSampleId :

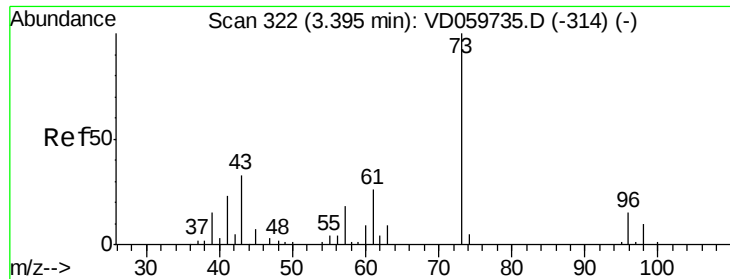
Tot Ion: 76 Resp: 236002
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 79.037 ug/l
RT: 2.92 min Scan# 274
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 43 Resp: 55761
Ion Ratio Lower Upper
43 100
74 15.2 12.1 18.1

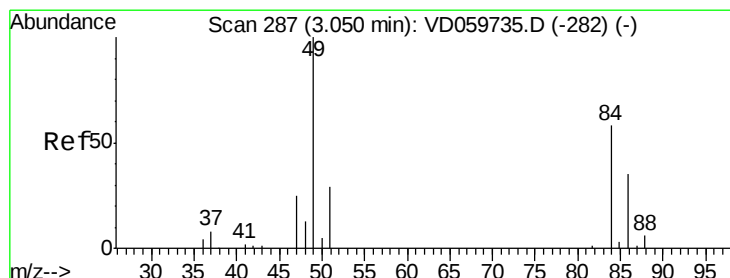
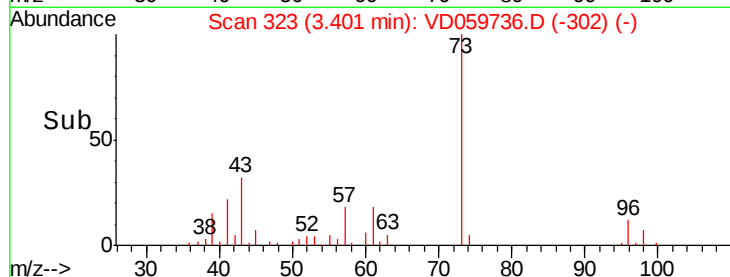
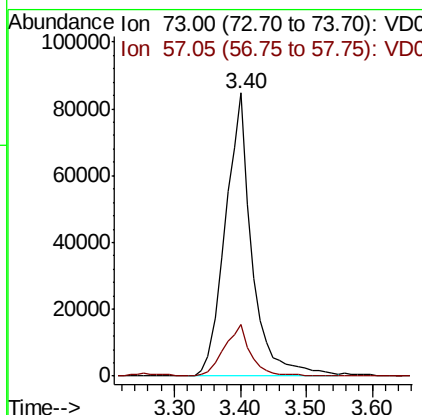
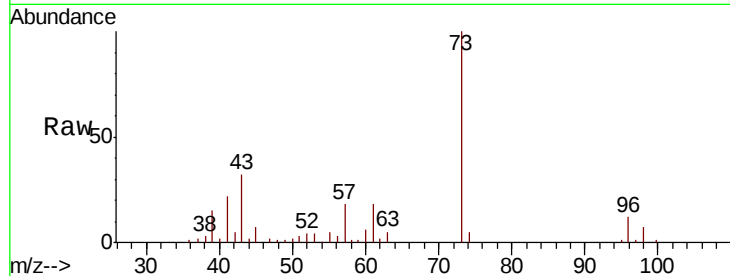




#19
Methvl tert-butvl Ether
Concen: 81.300 ug/l
RT: 3.40 min Scan# 323
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

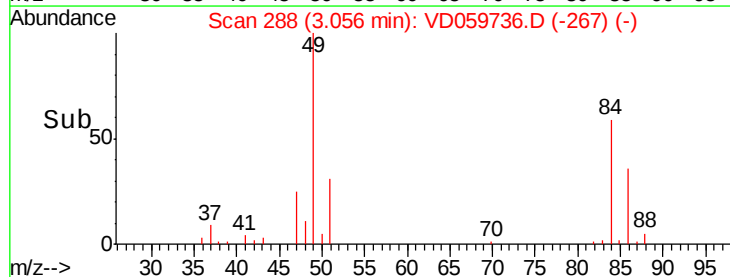
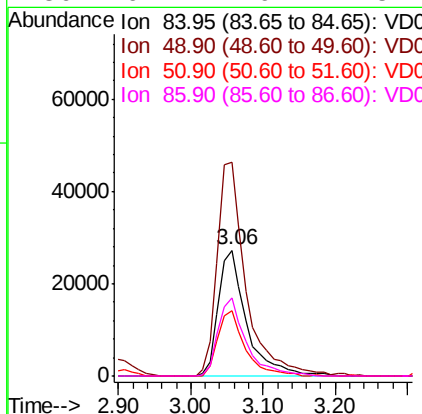
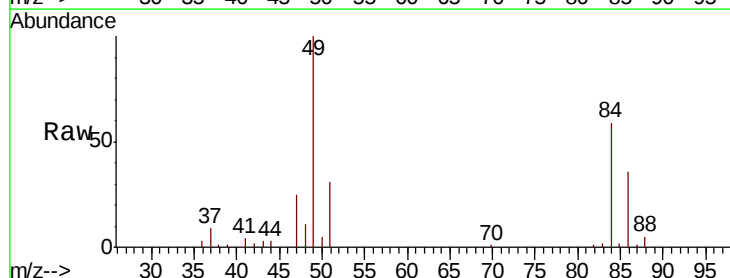
Instrument :
MSVOA_D
ClientSampleId :

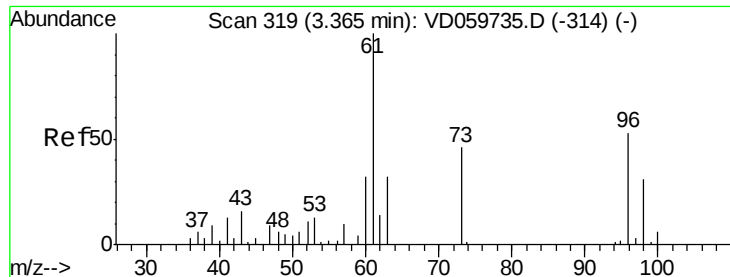
Tot Ion: 73 Resp: 239400
Ion Ratio Lower Upper
73 100
57 18.1 14.8 22.2



#20
Methylene Chloride
Concen: 50.440 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 84 Resp: 73434
Ion Ratio Lower Upper
84 100
49 169.9 138.9 208.3
51 52.0 40.2 60.2
86 61.7 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 79.293 ug/l

RT: 3.37 min Scan# 320

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampled :

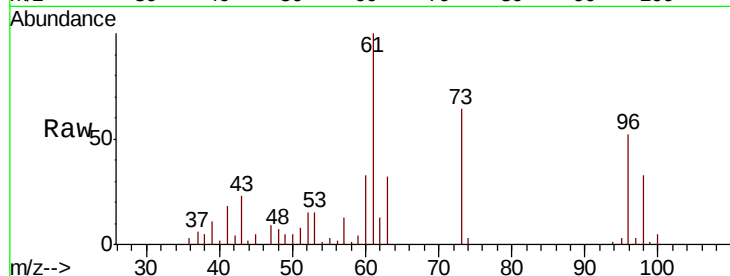
Tot Ion: 96 Resp: 78877

Ion Ratio Lower Upper

96 100

61 190.7 152.0 228.0

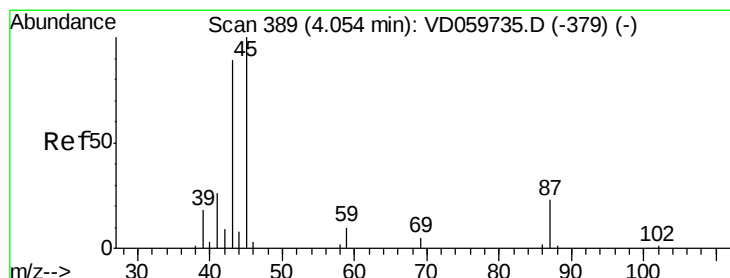
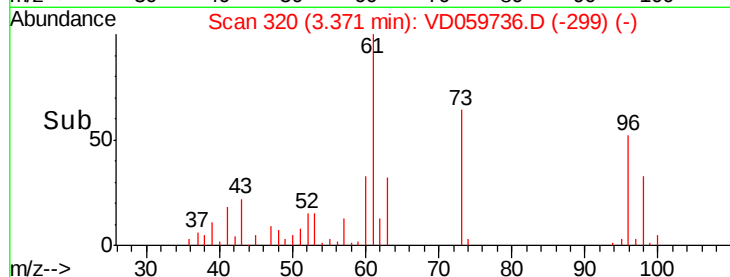
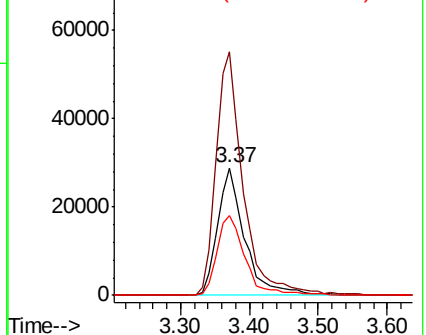
98 62.8 47.4 71.2



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: 66.822 ug/l

RT: 4.06 min Scan# 390

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Tgt Ion: 45 Resp: 266519

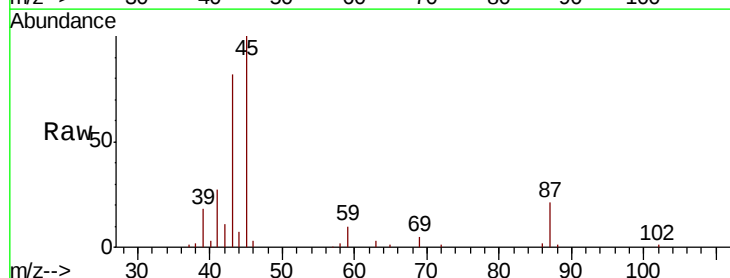
Ion Ratio Lower Upper

45 100

43 82.0 75.5 113.3

87 21.3 19.4 29.0

59 9.9 8.5 12.7

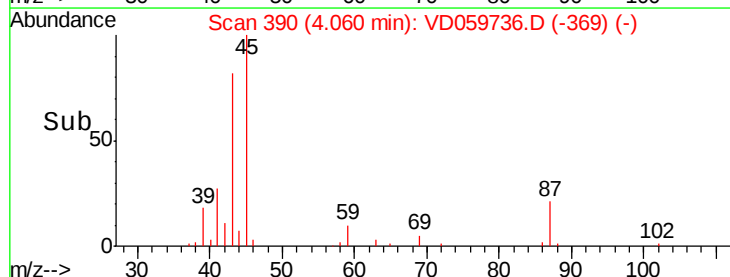
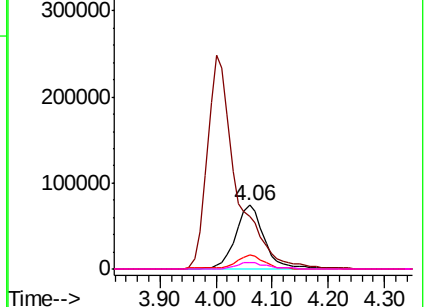


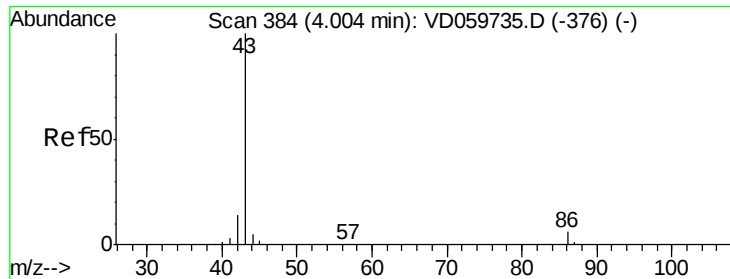
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 350.028 ug/l

RT: 4.00 min Scan# 384

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

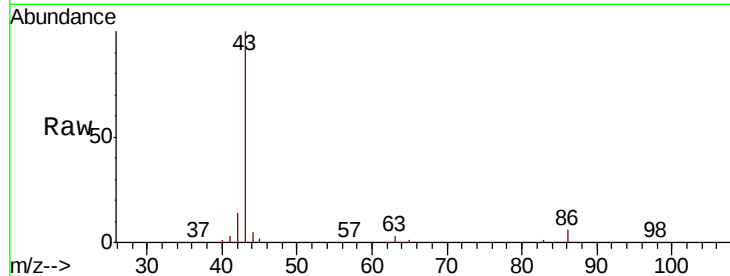
ClientSampled :

Tot Ion: 43 Resp: 898489

Ion Ratio Lower Upper

43 100

86 5.9 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

250000

200000

150000

100000

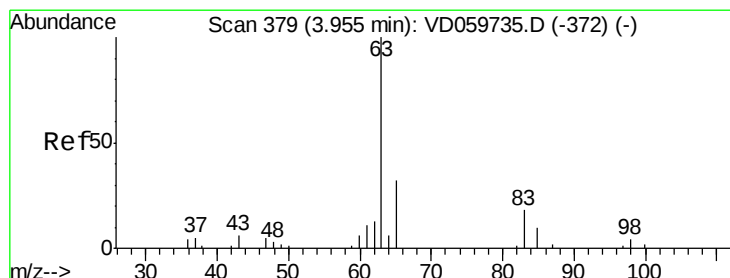
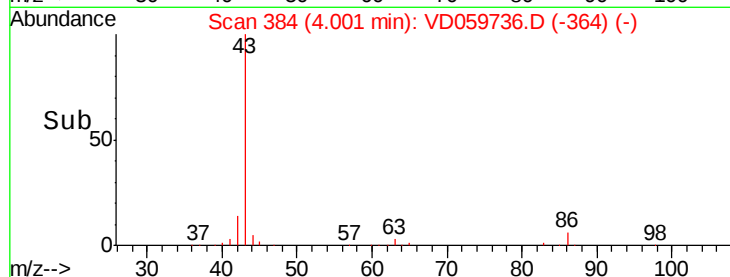
50000

0

4.00

3.80 3.90 4.00 4.10 4.20

Time-->



#24

1,1-Dichloroethane

Concen: 72.531 ug/l

RT: 3.96 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

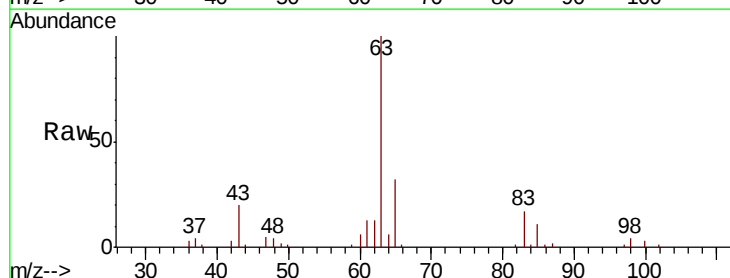
Tgt Ion: 63 Resp: 193070

Ion Ratio Lower Upper

63 100

98 4.3 1.8 5.5

100 2.5 1.1 3.1



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

80000

60000

40000

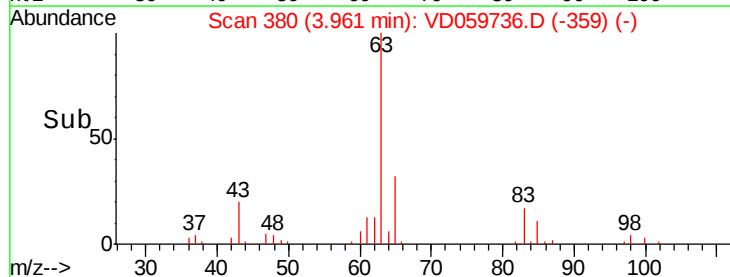
20000

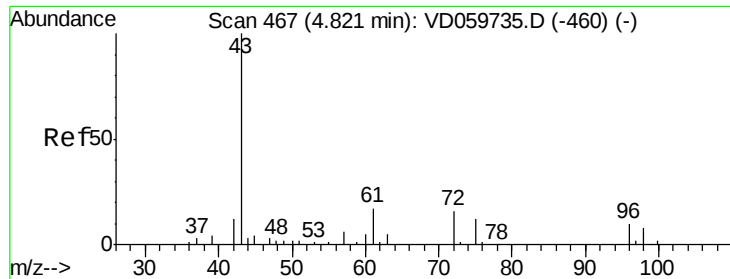
0

3.96

3.80 3.90 4.00 4.10 4.20

Time-->





#25

2-Butanone

Concen: 344.795 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

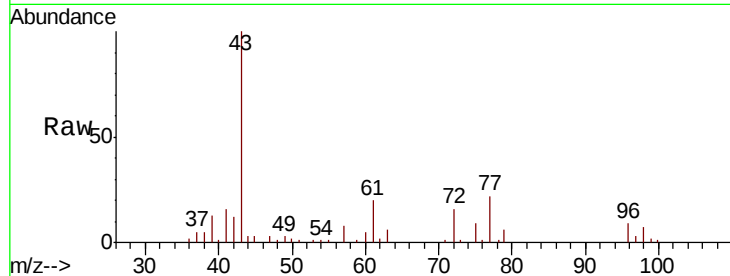
ClientSampleId :

Tot Ion: 43 Resp: 164577

Ion Ratio Lower Upper

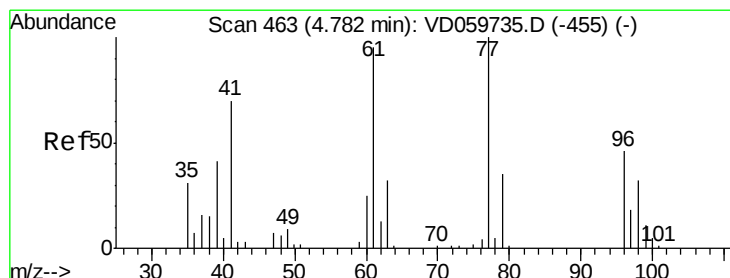
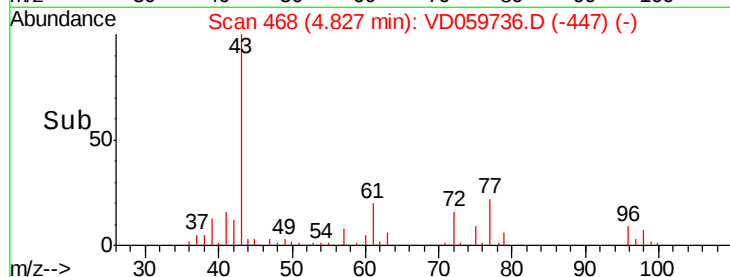
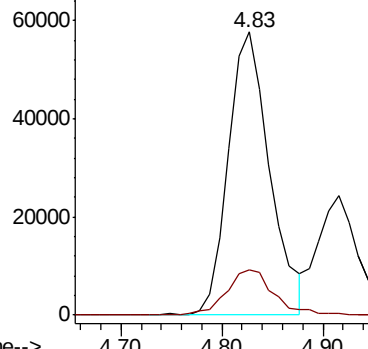
43 100

72 16.2 13.1 19.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 79.127 ug/l

RT: 4.79 min Scan# 464

Delta R.T. 0.01 min

Lab File: VD059736.D

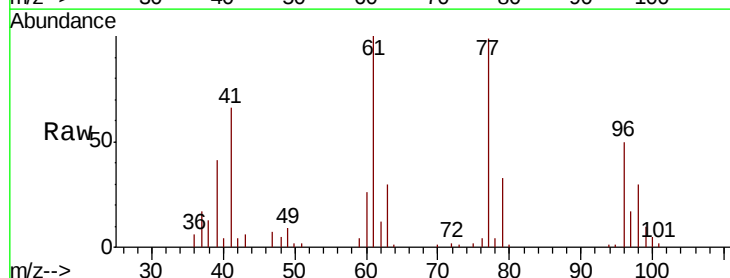
Acq: 10 Aug 2018 18:38

Tgt Ion: 77 Resp: 228024

Ion Ratio Lower Upper

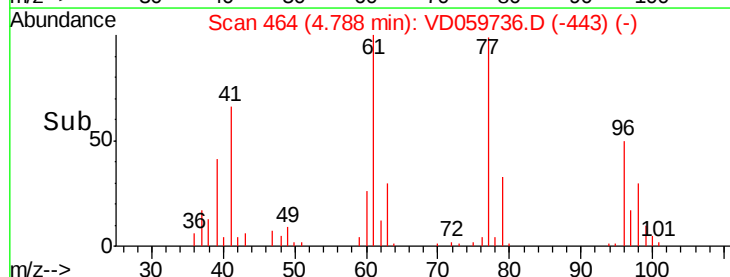
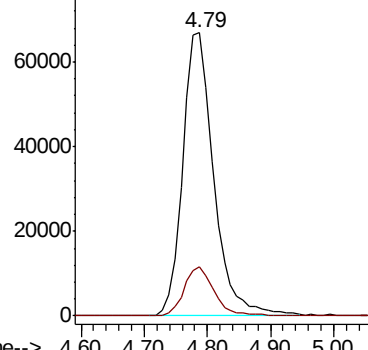
77 100

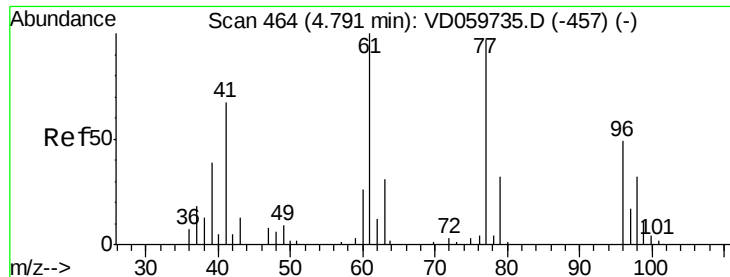
97 17.6 8.9 26.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



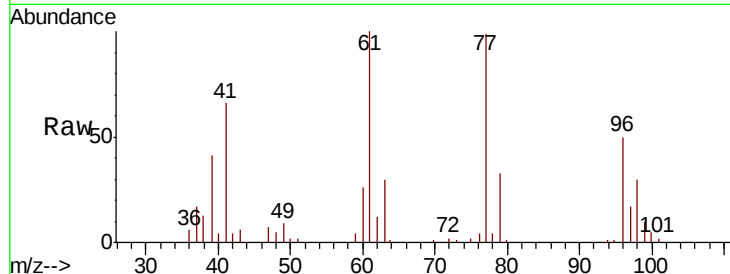


#27

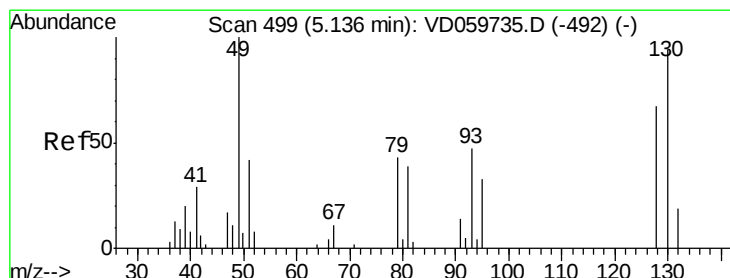
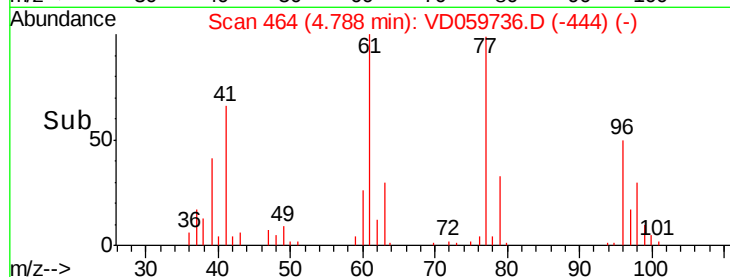
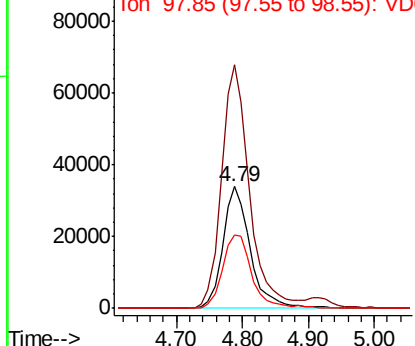
cis-1,2-Dichloroethene
Concen: 70.204 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 98463
Ion Ratio Lower Upper
96 100
61 199.7 0.0 409.8
98 60.3 0.0 132.8



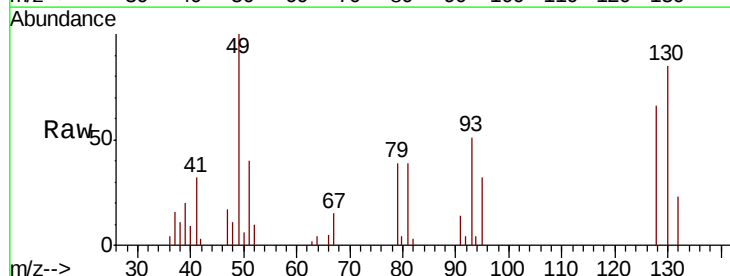
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



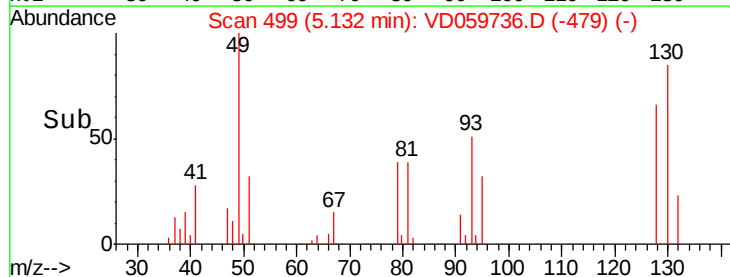
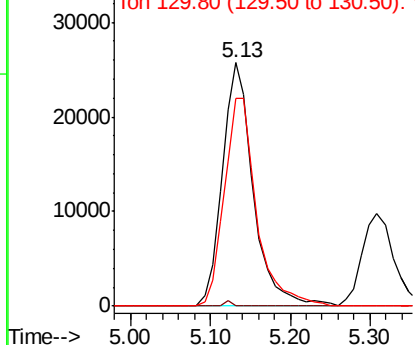
#28

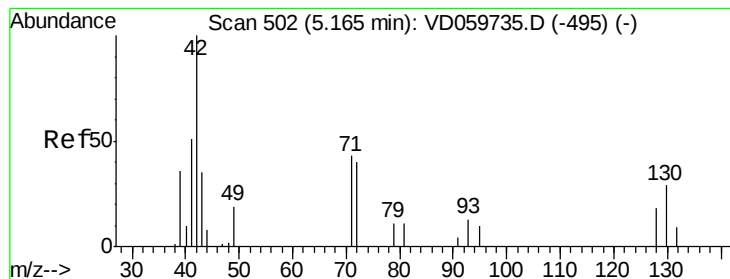
Bromochloromethane
Concen: 69.896 ug/l
RT: 5.13 min Scan# 499
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 49 Resp: 69914
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 85.4 75.0 112.6



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: 315.699 ug/l

RT: 5.17 min Scan# 503

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

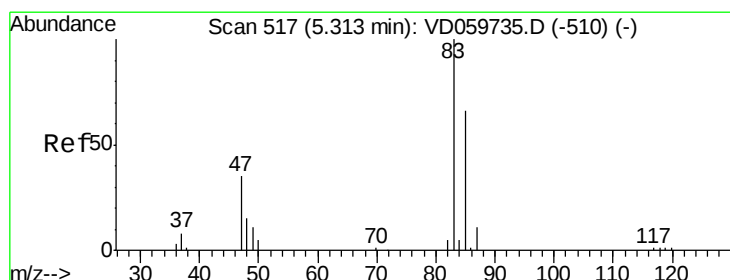
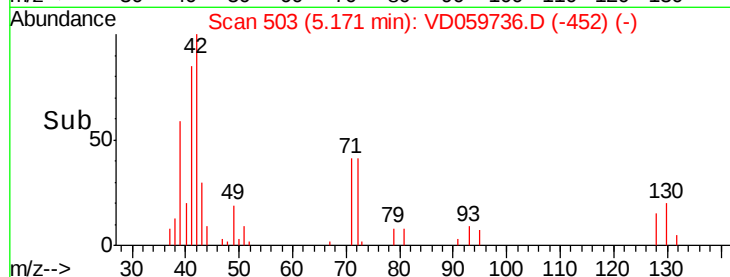
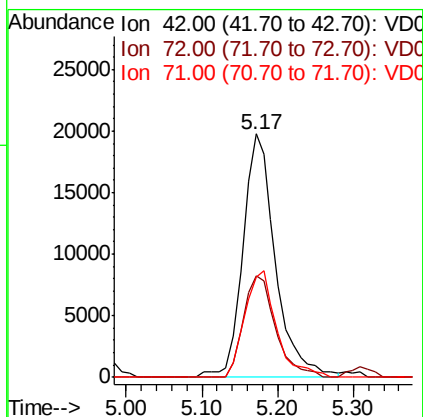
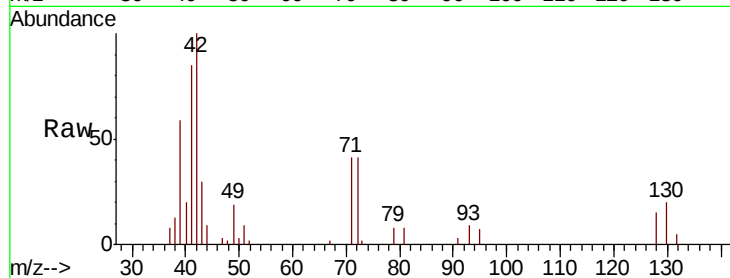
Tot Ion: 42 Resp: 58678

Ion Ratio Lower Upper

42 100

72 41.3 35.3 52.9

71 42.8 37.1 55.7



#30

Chloroform

Concen: 76.361 ug/l

RT: 5.31 min Scan# 517

Delta R.T. -0.00 min

Lab File: VD059736.D

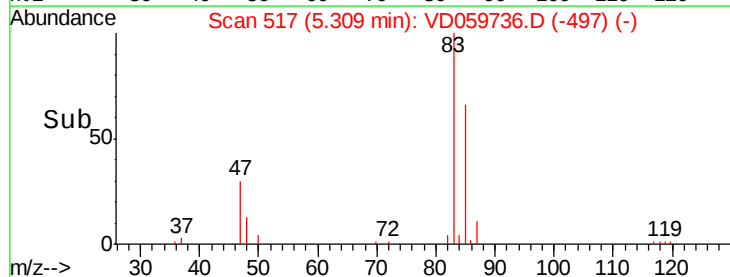
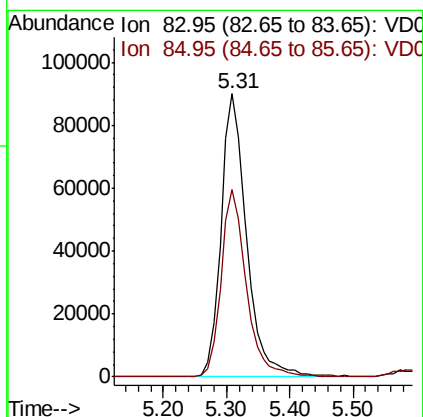
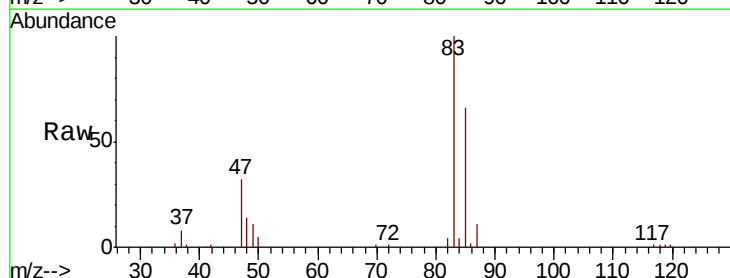
Acq: 10 Aug 2018 18:38

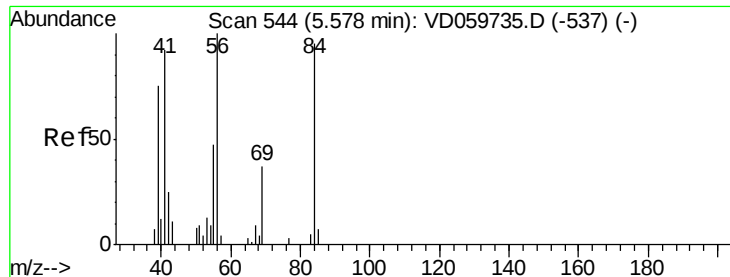
Tgt Ion: 83 Resp: 252411

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3

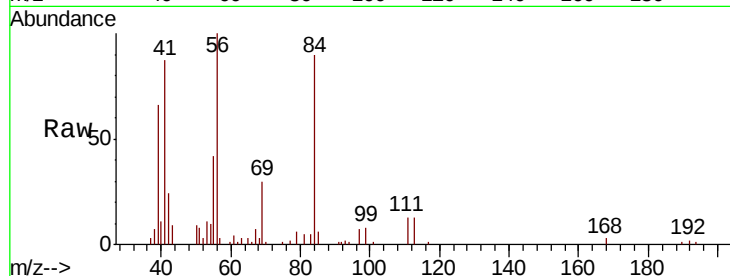




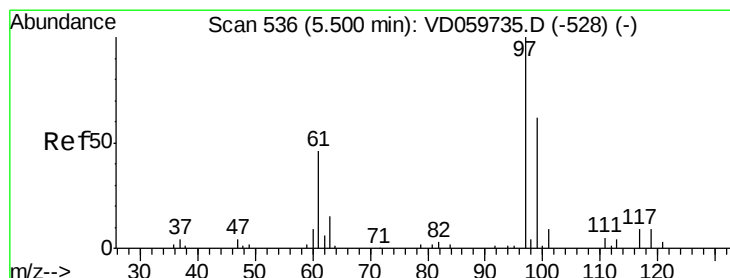
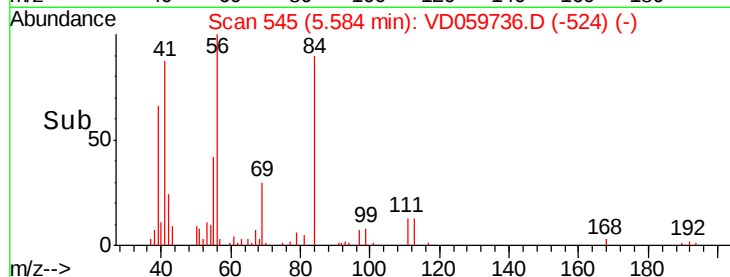
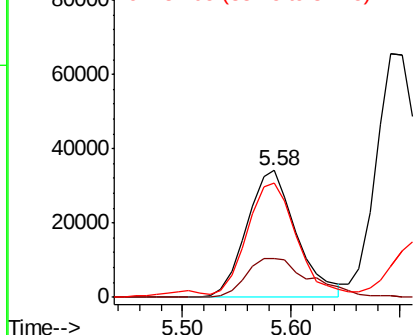
#31
Cyclohexane
Concen: 56.322 ug/l
RT: 5.58 min Scan# 545
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 109164
Ion Ratio Lower Upper
56 100
69 30.2 29.3 43.9
84 89.9 76.2 114.2

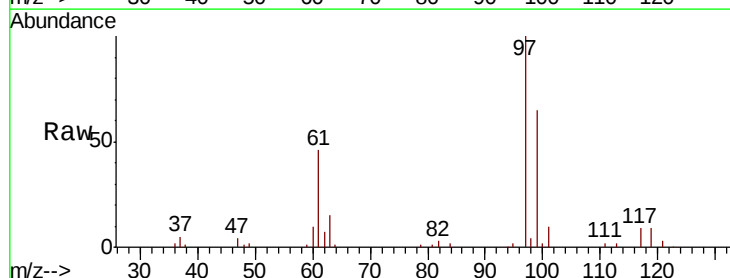


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

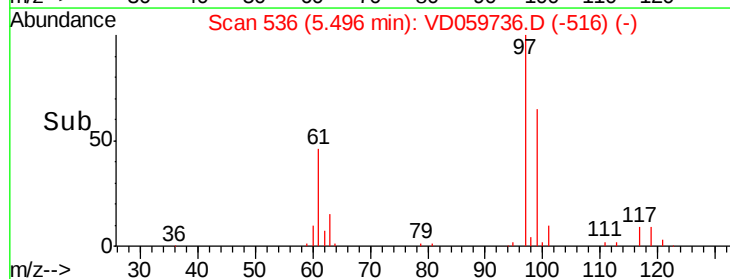
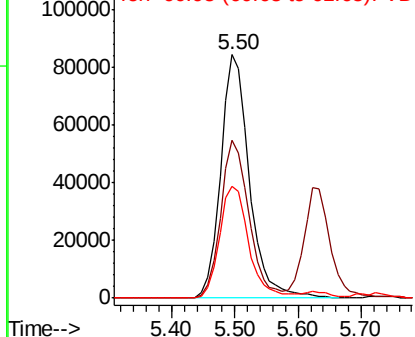


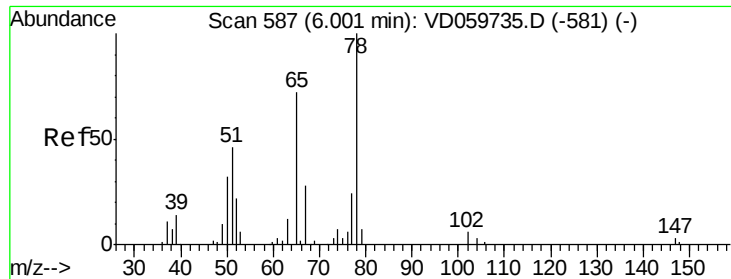
#32
1,1,1-Trichloroethane
Concen: 81.879 ug/l
RT: 5.50 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 97 Resp: 265458
Ion Ratio Lower Upper
97 100
99 65.0 49.8 74.6
61 46.1 37.0 55.4



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

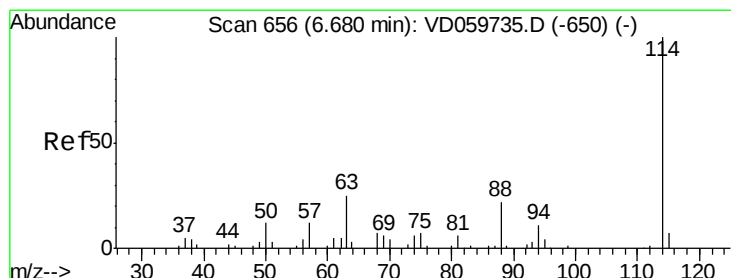
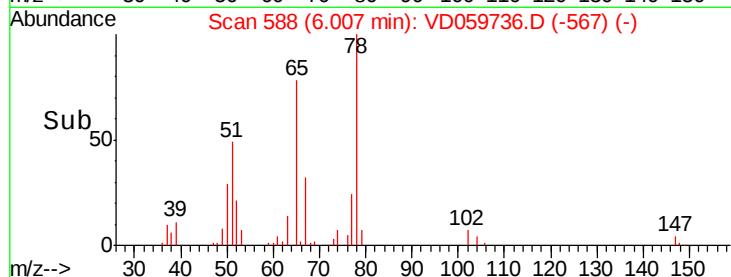
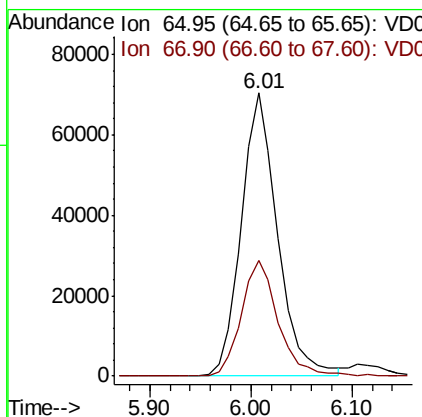
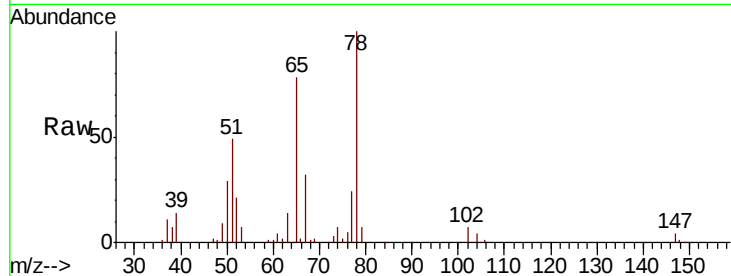




#33
 1,2-Dichloroethane-d4
 Concen: 81.879 ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

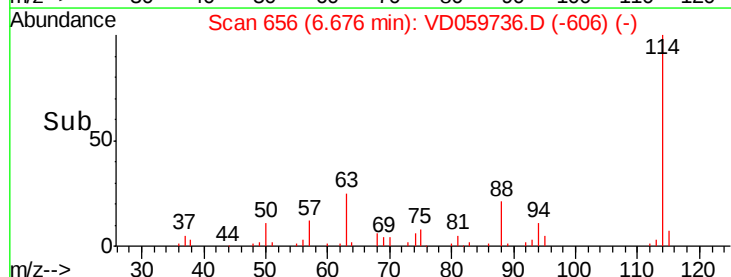
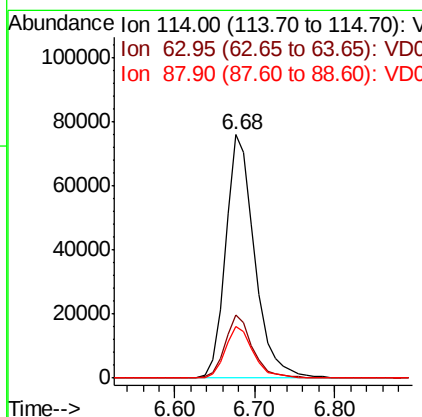
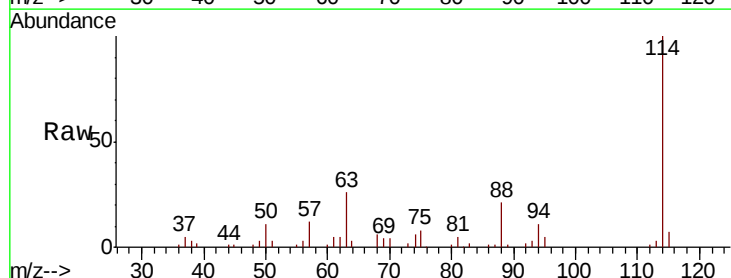
Instrument :
 MSVOA_D
 ClientSampleId :

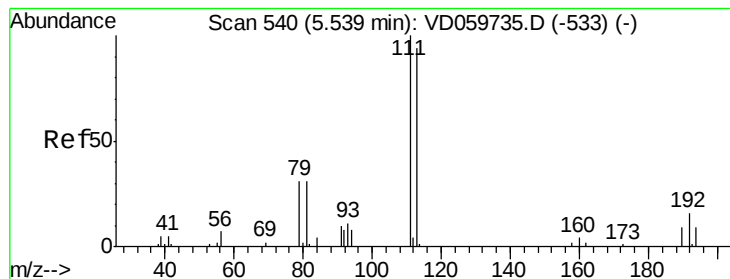
Tot Ion: 65 Resp: 176051
 Ion Ratio Lower Upper
 65 100
 67 40.7 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 114 Resp: 192627
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 50.6
 88 21.2 0.0 43.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

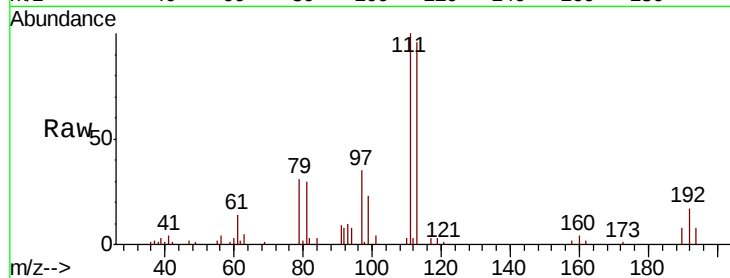
Tot Ion:113 Resp: 144270

Ion Ratio Lower Upper

113 100

111 104.0 85.3 127.9

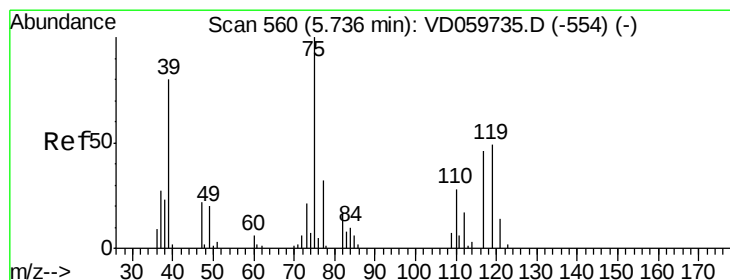
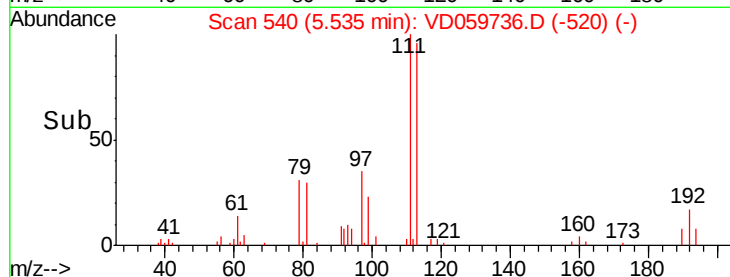
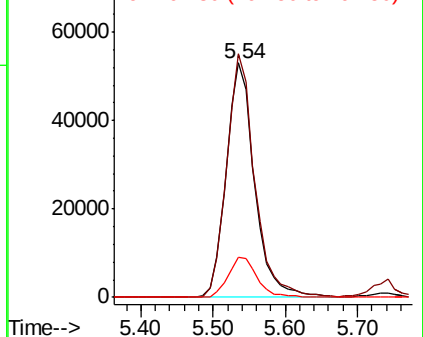
192 17.2 13.9 20.9



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: 73.453 ug/l

RT: 5.74 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

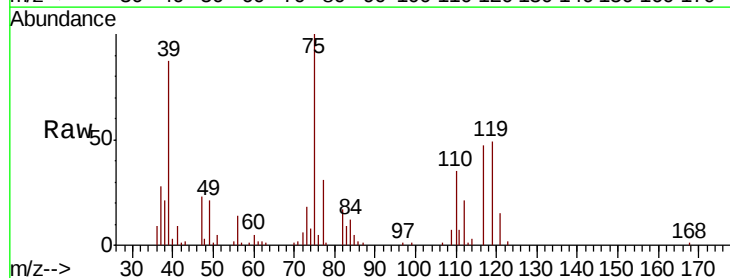
Tgt Ion: 75 Resp: 157485

Ion Ratio Lower Upper

75 100

110 34.7 13.7 41.0

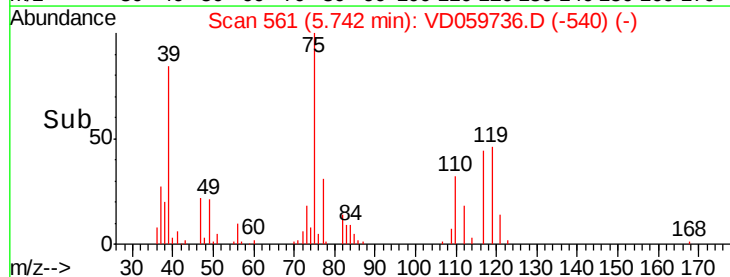
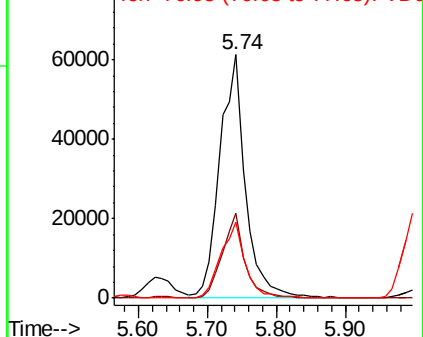
77 31.1 25.4 38.2

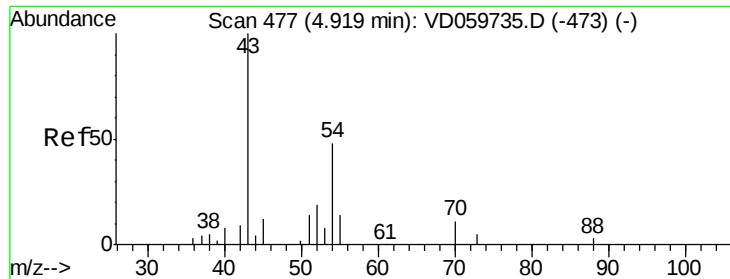


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

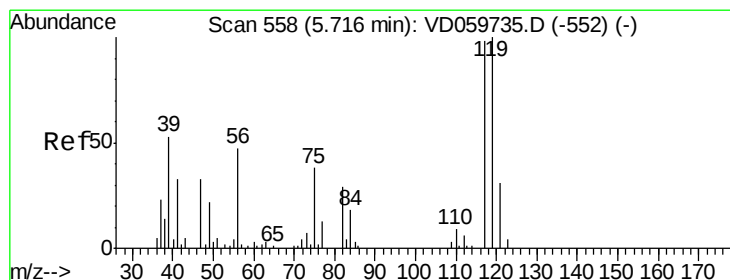
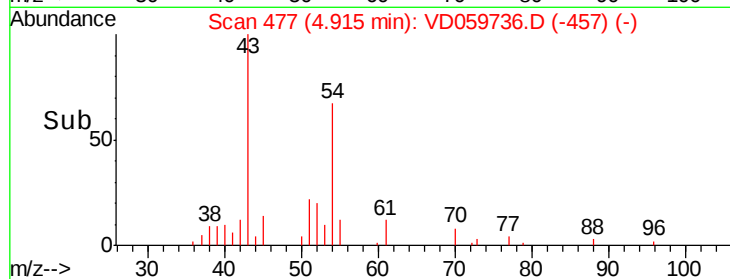
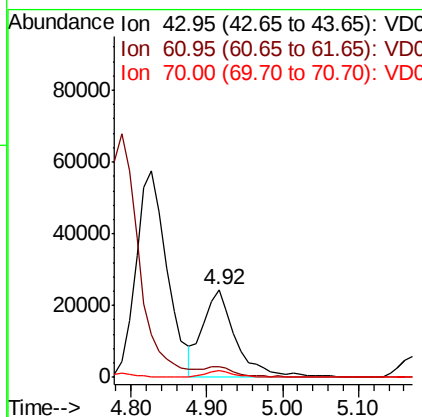
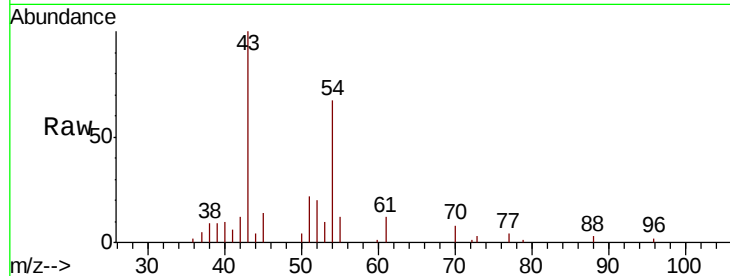




#37
Ethyl Acetate
Concen: 71.321 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

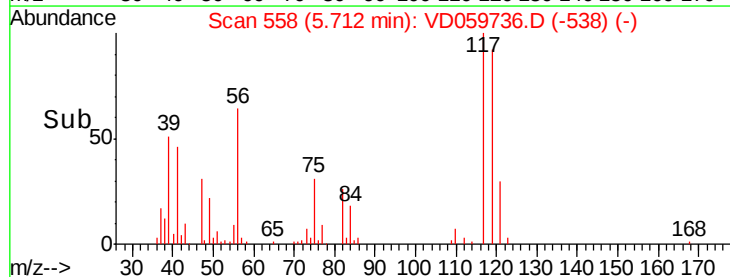
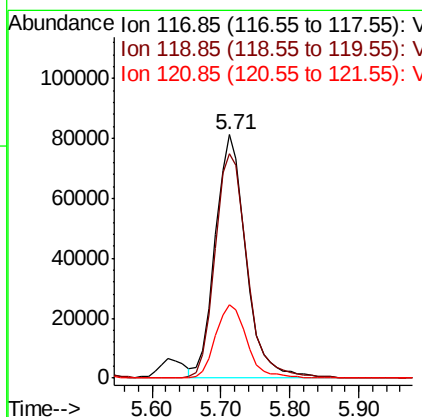
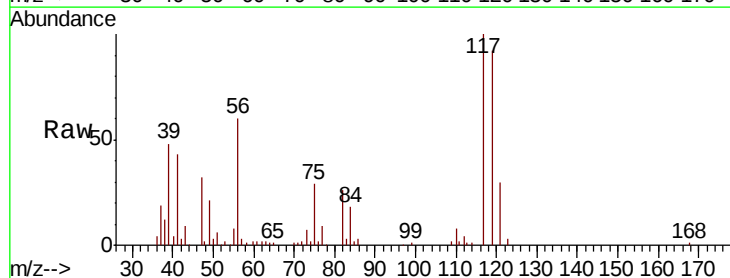
Instrument :
MSVOA_D
ClientSampled :

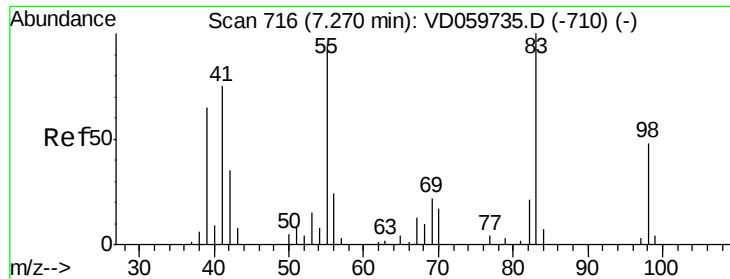
Tot Ion: 43 Resp: 74228
Ion Ratio Lower Upper
43 100
61 11.7 7.4 11.0#
70 8.3 5.8 8.8



#38
Carbon Tetrachloride
Concen: 84.942 ug/l
RT: 5.71 min Scan# 558
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 117 Resp: 251542
Ion Ratio Lower Upper
117 100
119 92.0 78.2 117.2
121 30.2 23.9 35.9

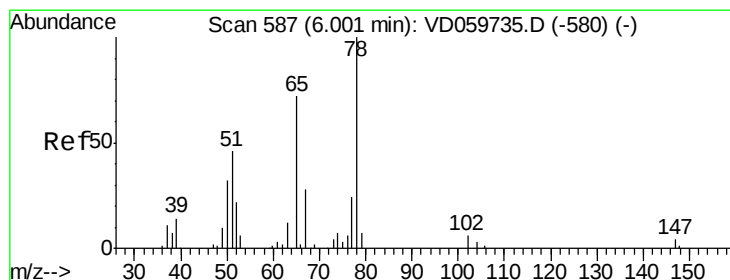
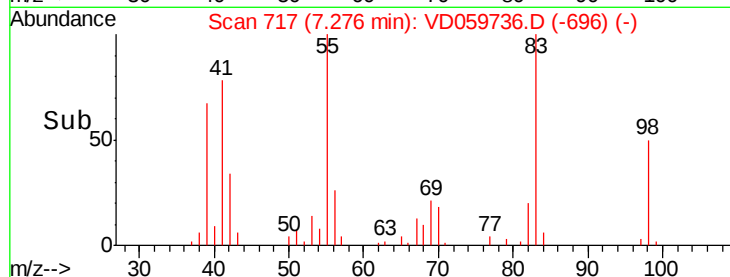
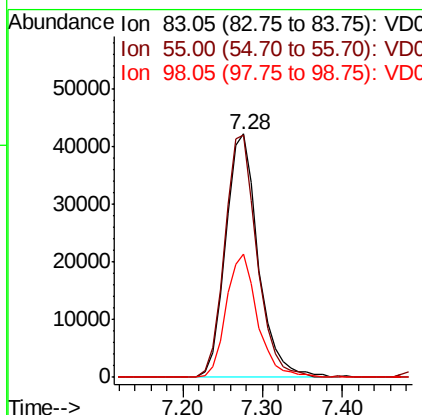
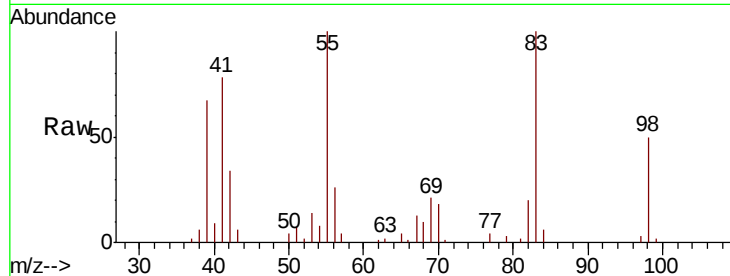




#39
Methvlcvclohexane
Concen: 68.114 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

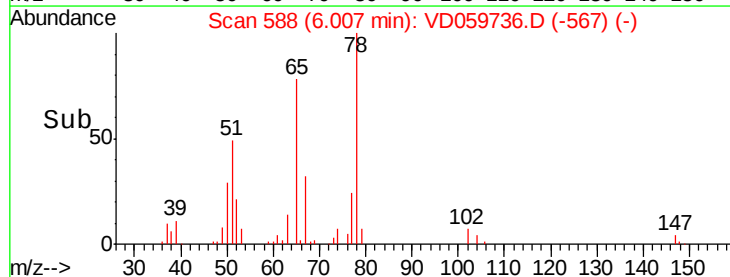
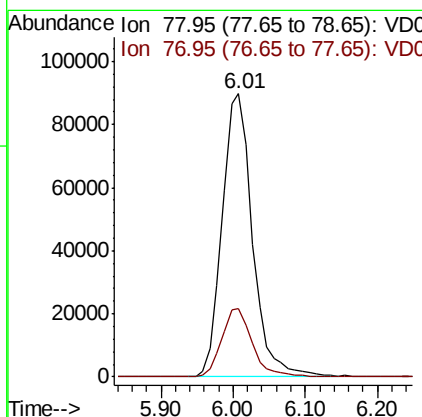
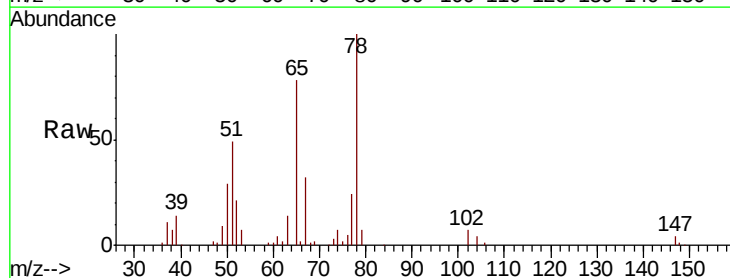
Instrument :
MSVOA_D
ClientSampleId :

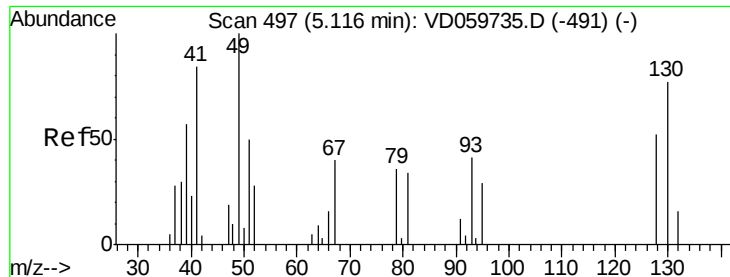
Tot Ion: 83 Resp: 120645
Ion Ratio Lower Upper
83 100
55 99.8 75.1 112.7
98 50.4 38.7 58.1



#40
Benzene
Concen: 64.062 ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 78 Resp: 261885
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 71.282 ug/l

RT: 5.11 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 33829

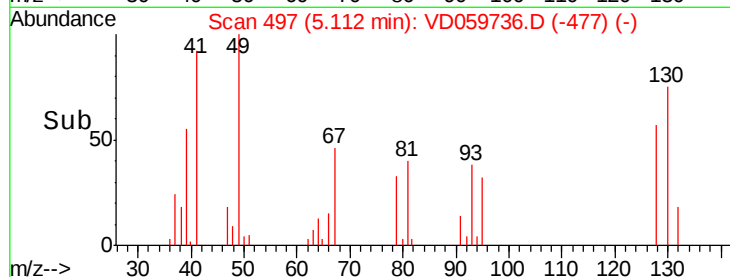
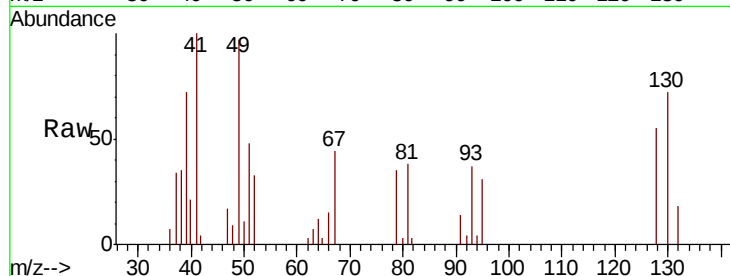
Ion Ratio Lower Upper

41 100

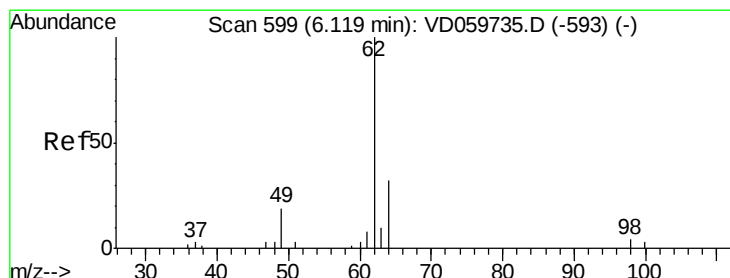
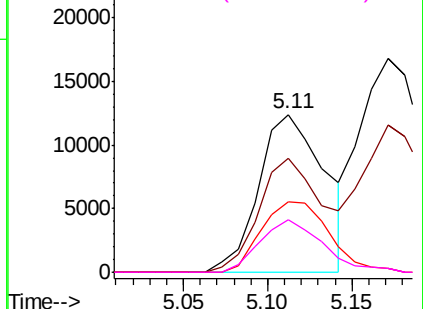
39 71.9 54.3 81.5

67 44.3 38.2 57.2

52 33.3 26.8 40.2



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



#42

1,2-Dichloroethane

Concen: 82.678 ug/l

RT: 6.12 min Scan# 599

Delta R.T. -0.00 min

Lab File: VD059736.D

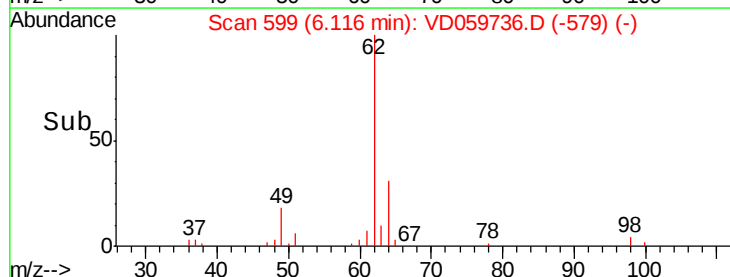
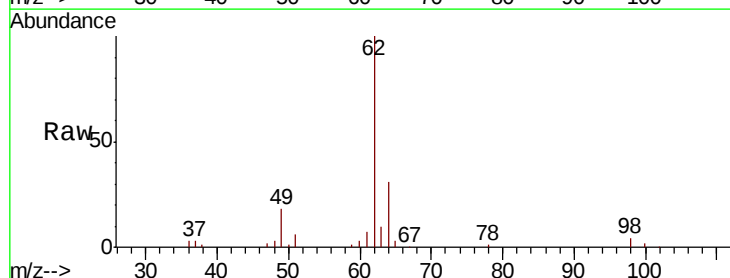
Acq: 10 Aug 2018 18:38

Tgt Ion: 62 Resp: 220034

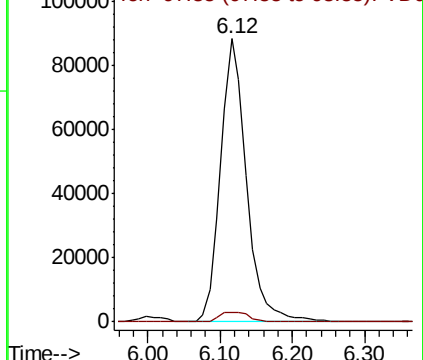
Ion Ratio Lower Upper

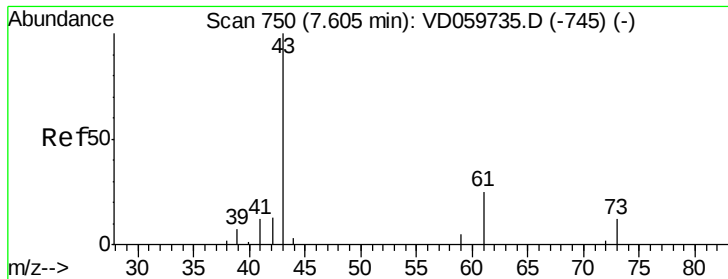
62 100

98 3.5 0.0 8.2



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



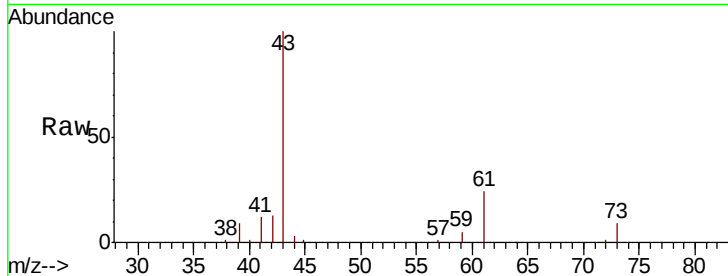


#43

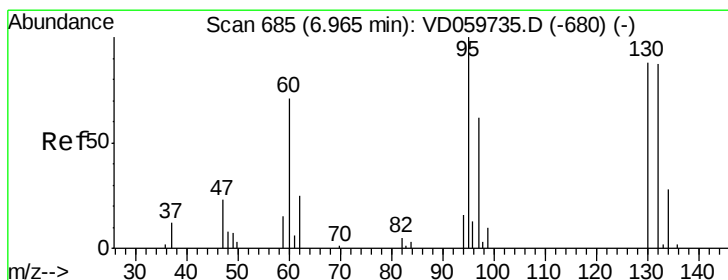
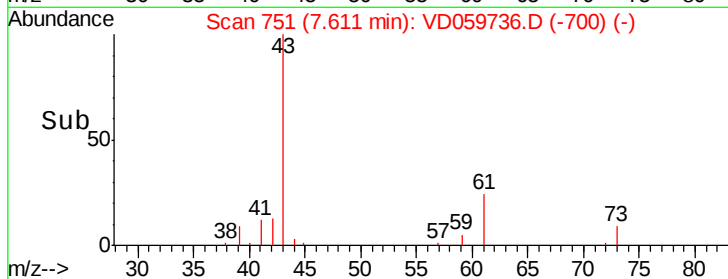
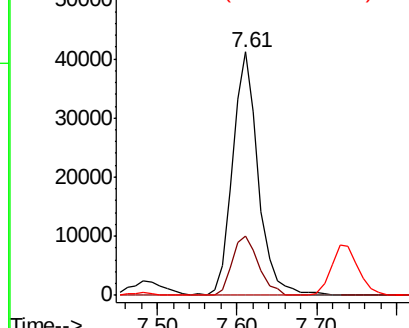
Isopropyl Acetate
 Concen: 69.057 ug/l
 RT: 7.61 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 43 Resp: 92619
 Ion Ratio Lower Upper
 43 100
 61 24.5 19.8 29.8
 87 0.0 0.0 0.0



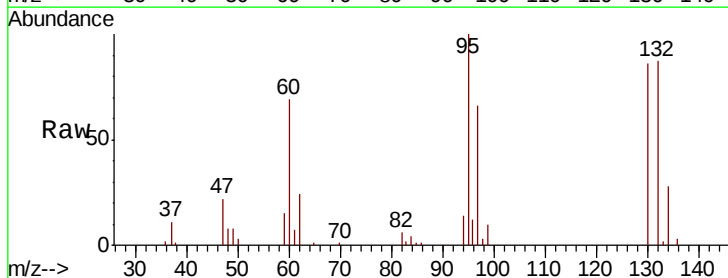
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



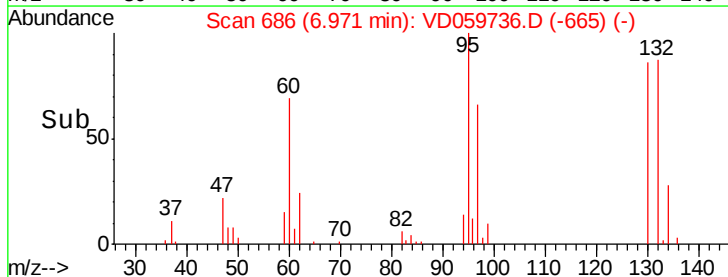
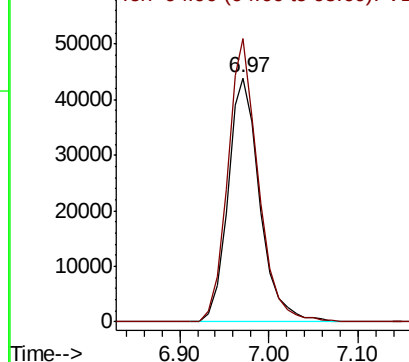
#44

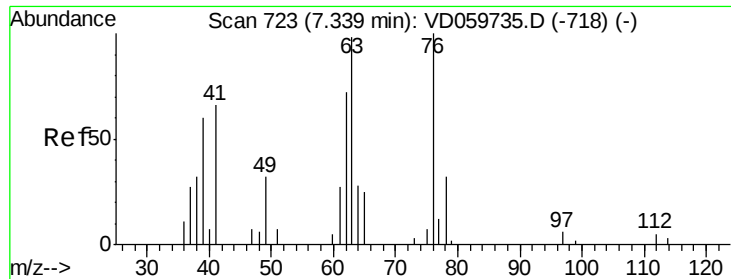
Trichloroethene
 Concen: 71.671 ug/l
 RT: 6.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 130 Resp: 109480
 Ion Ratio Lower Upper
 130 100
 95 116.1 0.0 226.4



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

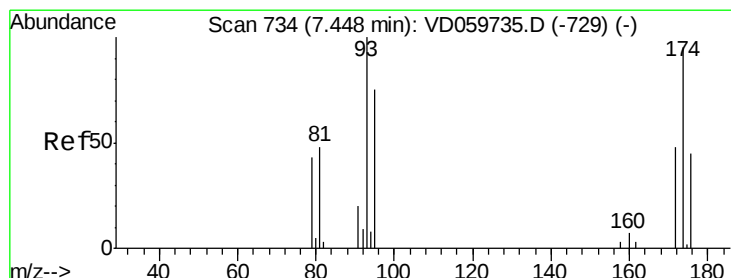
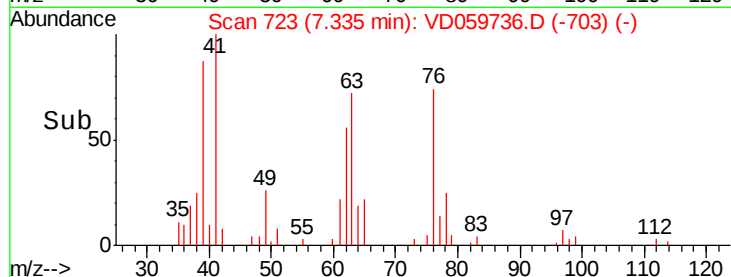
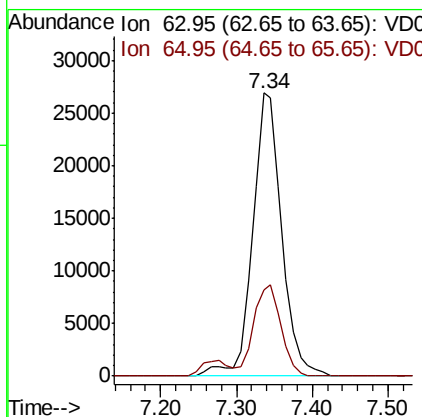
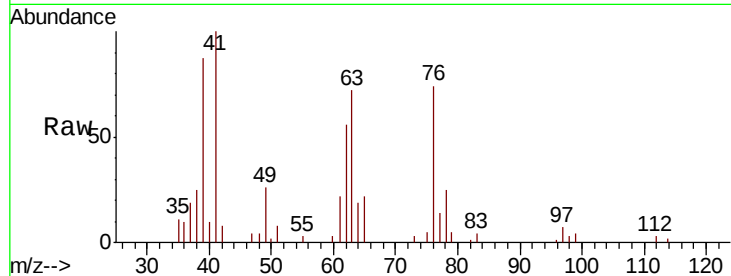




#45
 1,2-Dichloropropane
 Concen: 66.637 ug/l
 RT: 7.34 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

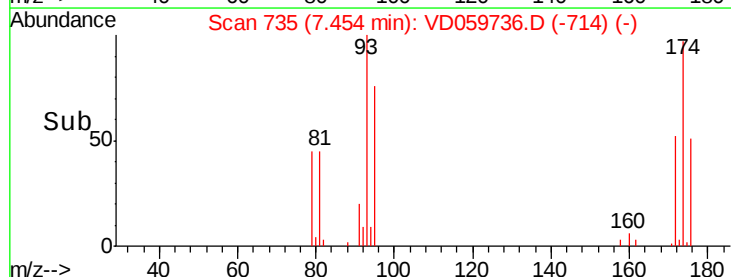
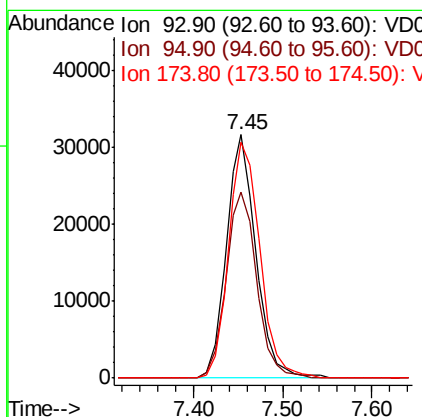
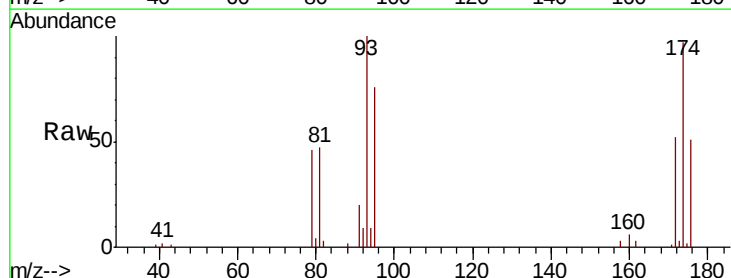
Instrument :
 MSVOA_D
 ClientSampled :

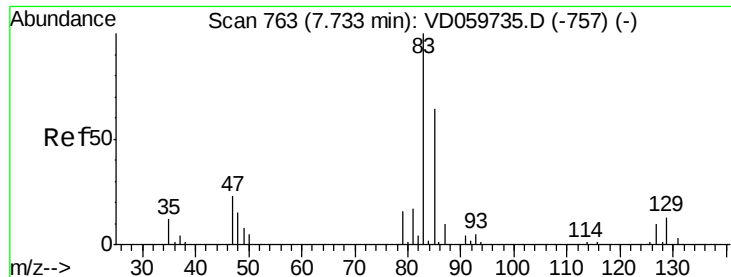
Tot Ion: 63 Resp: 71842
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.0 34.4



#46
 Dibromomethane
 Concen: 76.029 ug/l
 RT: 7.45 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 93 Resp: 73387
 Ion Ratio Lower Upper
 93 100
 95 76.2 60.2 90.2
 174 96.7 75.6 113.4





#47

Bromodichloromethane

Concen: 79.997 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

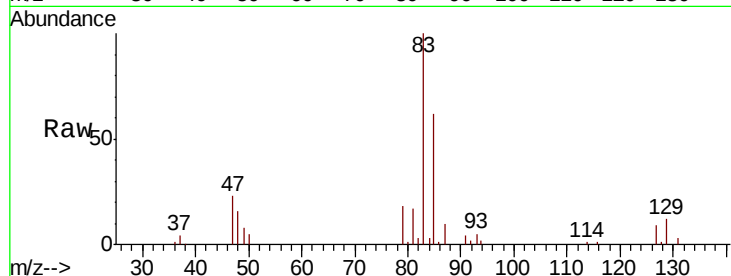
Tot Ion: 83 Resp: 198383

Ion Ratio Lower Upper

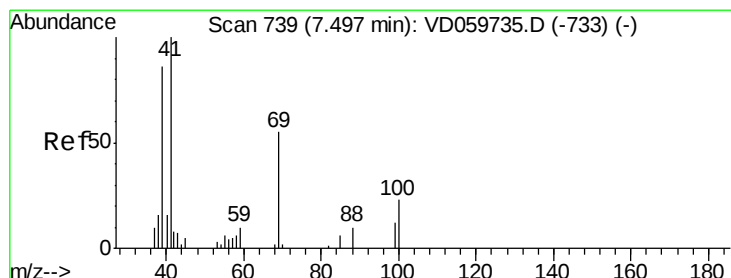
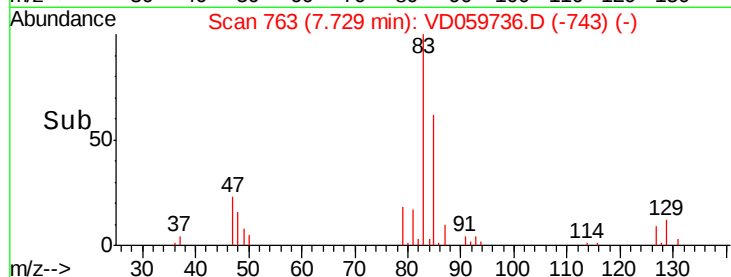
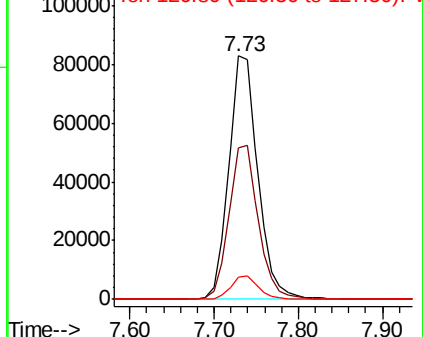
83 100

85 62.5 51.6 77.4

127 9.2 7.7 11.5



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: 76.268 ug/l

RT: 7.50 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

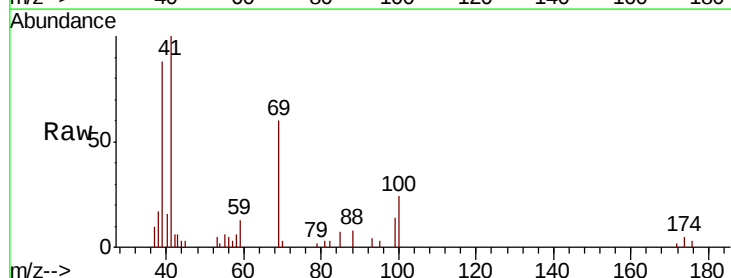
Tgt Ion: 41 Resp: 68946

Ion Ratio Lower Upper

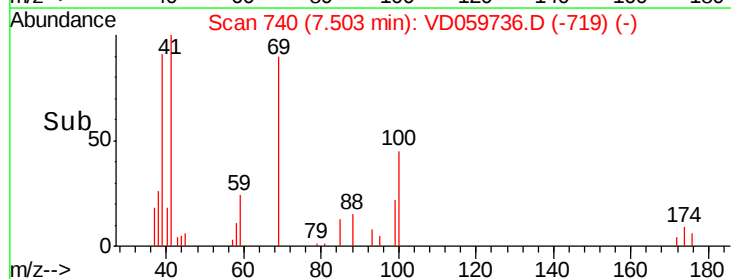
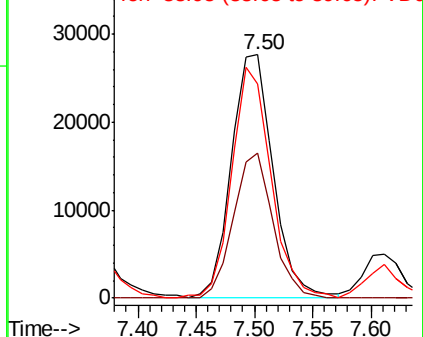
41 100

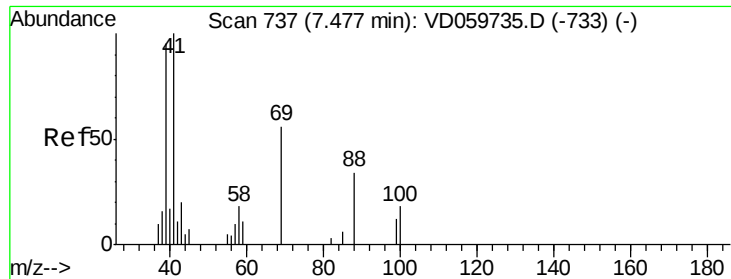
69 59.8 43.8 65.6

39 88.0 69.1 103.7



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

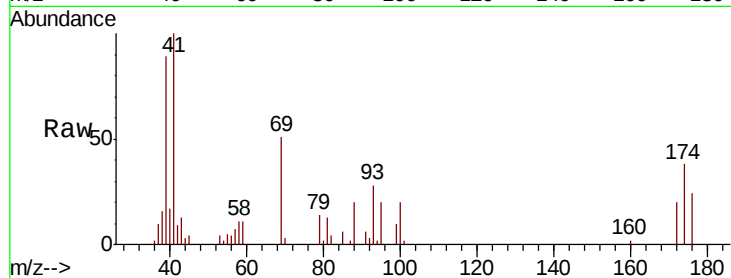




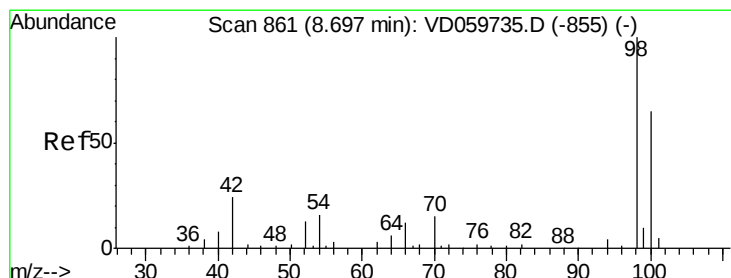
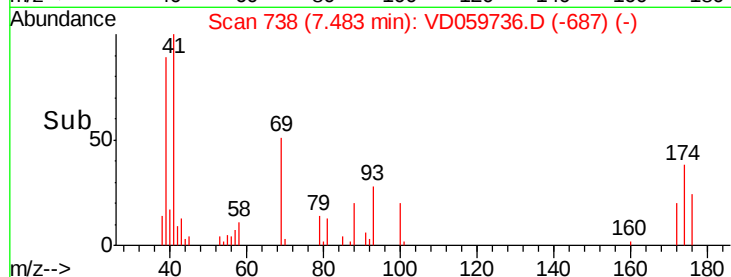
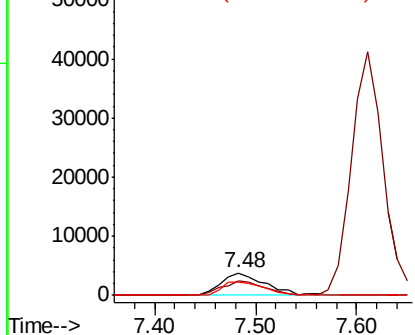
#49
1,4-Dioxane
Concen: 1637.672 ug/l
RT: 7.48 min Scan# 738
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 11241
Ion Ratio Lower Upper
88 100
43 62.5 46.7 70.1
58 57.0 42.1 63.1

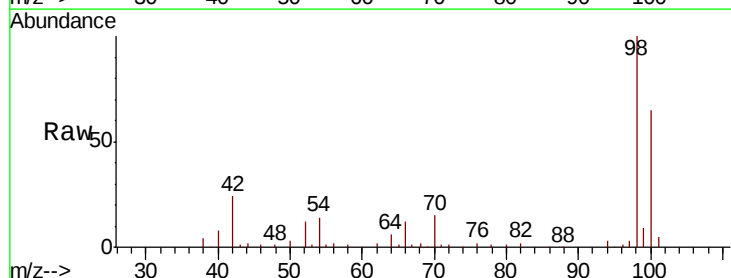


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

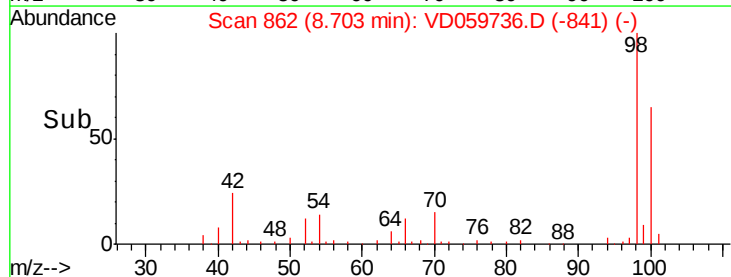
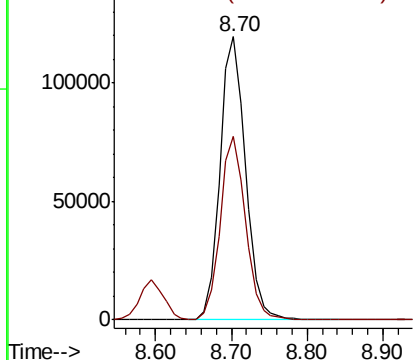


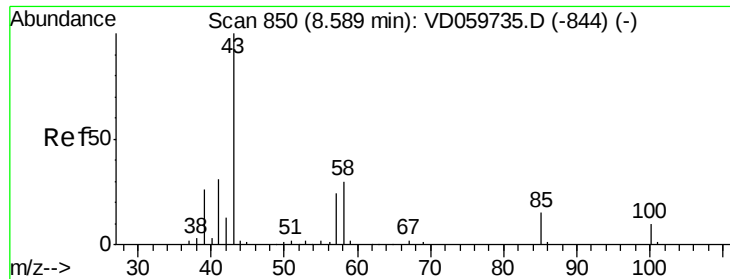
#50
Toluene-d8
Concen: 1637.672 ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 98 Resp: 278884
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



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: 366.728 ug/l

RT: 8.59 min Scan# 851

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

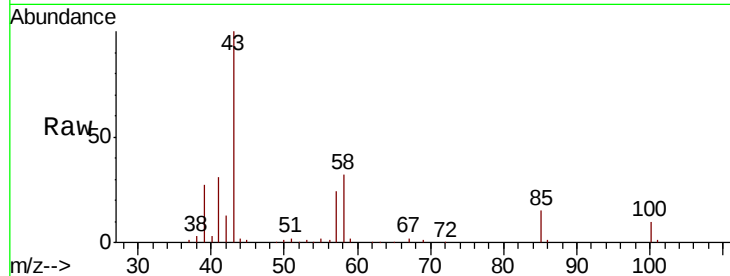
ClientSampleId :

Tot Ion: 43 Resp: 363458

Ion Ratio Lower Upper

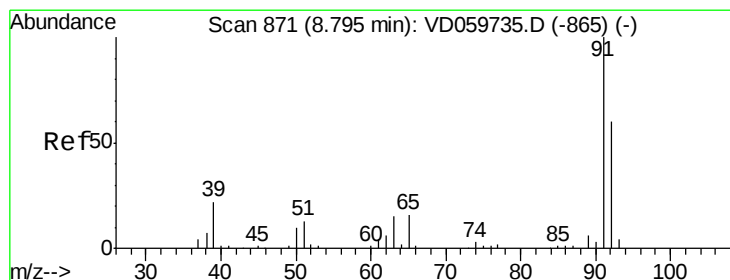
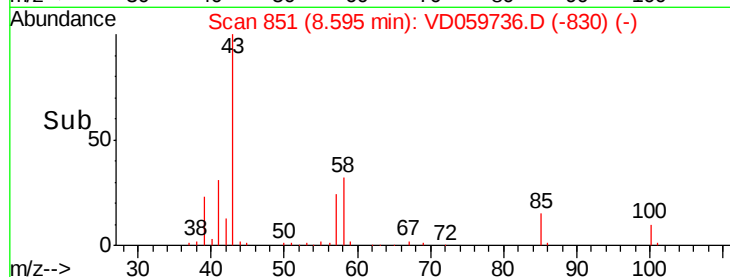
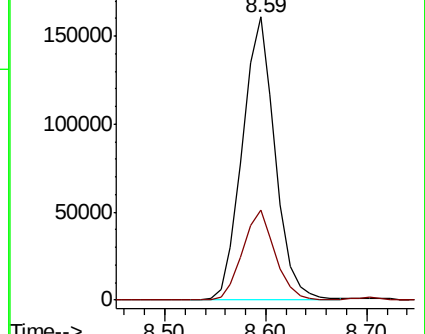
43 100

58 31.7 24.3 36.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 67.644 ug/l

RT: 8.79 min Scan# 871

Delta R.T. -0.00 min

Lab File: VD059736.D

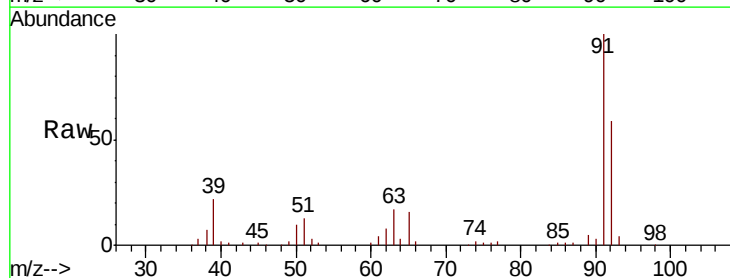
Acq: 10 Aug 2018 18:38

Tgt Ion: 92 Resp: 177187

Ion Ratio Lower Upper

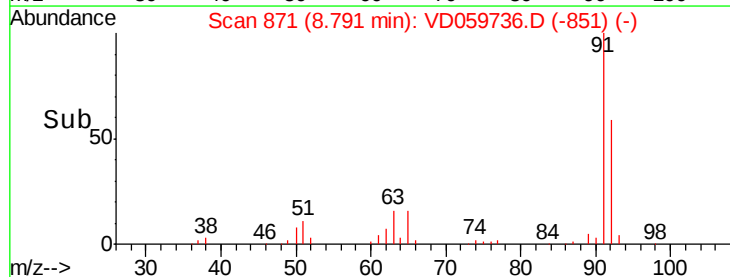
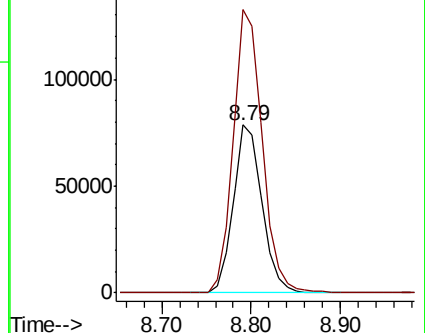
92 100

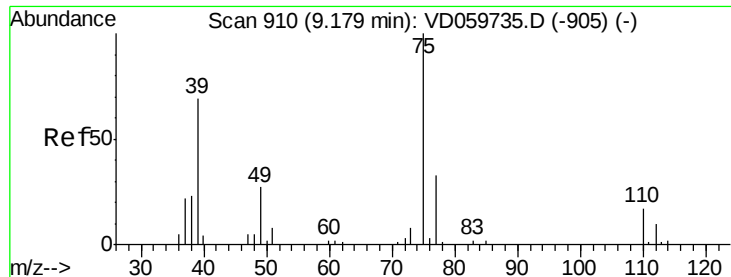
91 168.5 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

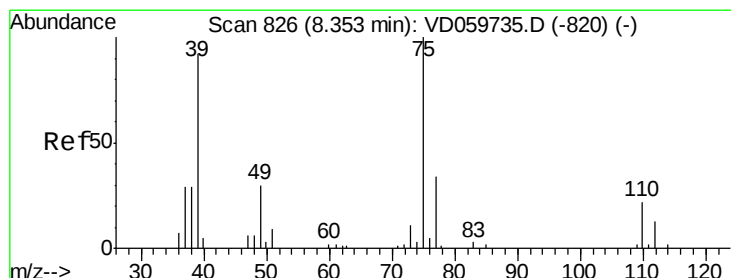
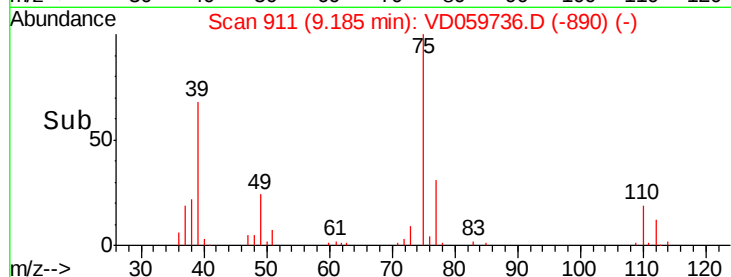
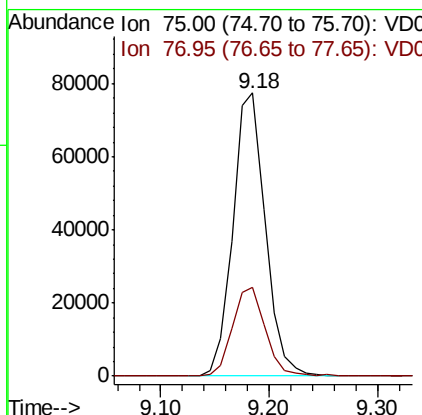
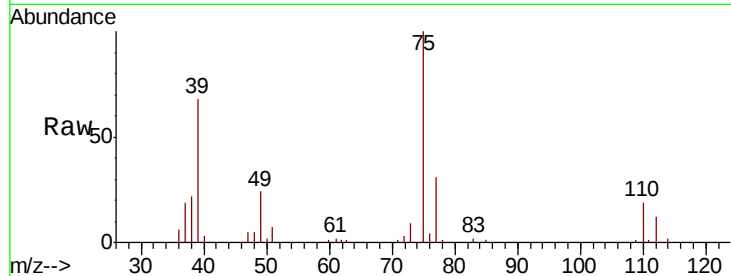




#53
 t-1,3-Dichloropropene
 Concen: 77.361 ug/l
 RT: 9.18 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

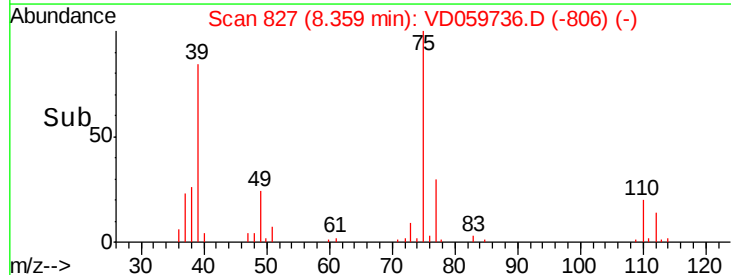
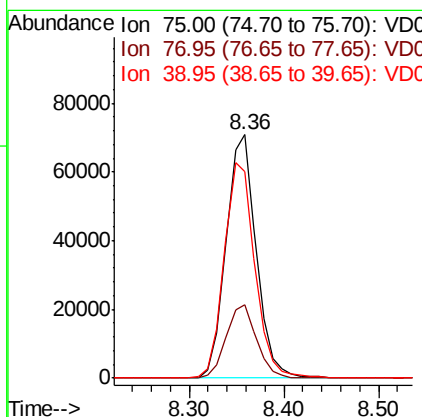
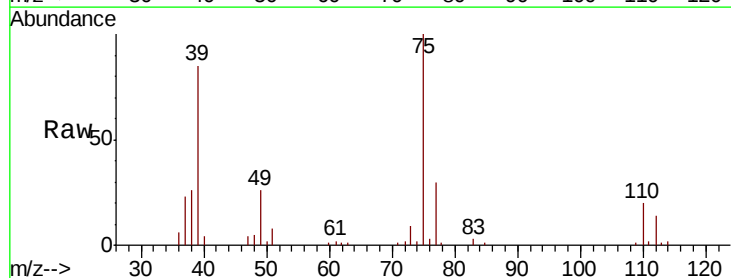
Instrument :
 MSVOA_D
 ClientSampleId :

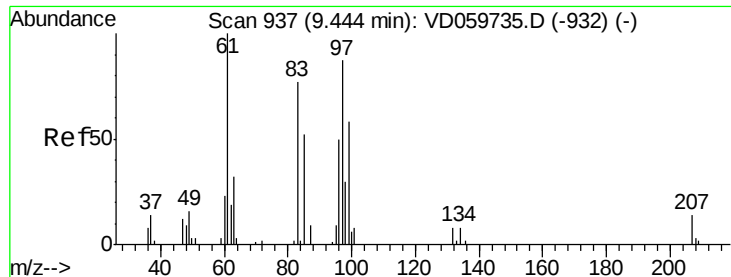
Tot Ion: 75 Resp: 160431
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 74.089 ug/l
 RT: 8.36 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 75 Resp: 155661
 Ion Ratio Lower Upper
 75 100
 77 30.2 27.2 40.8
 39 84.7 73.8 110.8





#55

1,1,2-Trichloroethane

Concen: 68.648 ug/l

RT: 9.45 min Scan# 938

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 69887

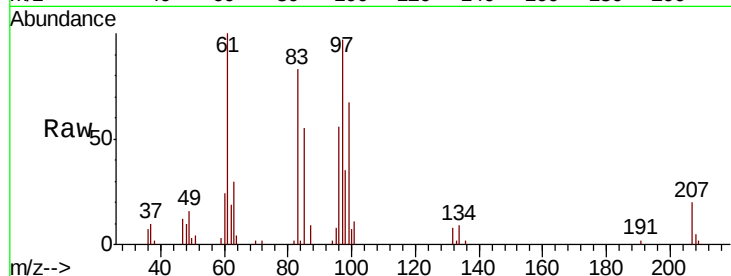
Ion Ratio Lower Upper

97 100

83 85.5 70.4 105.6

85 56.9 47.6 71.4

99 68.6 53.1 79.7

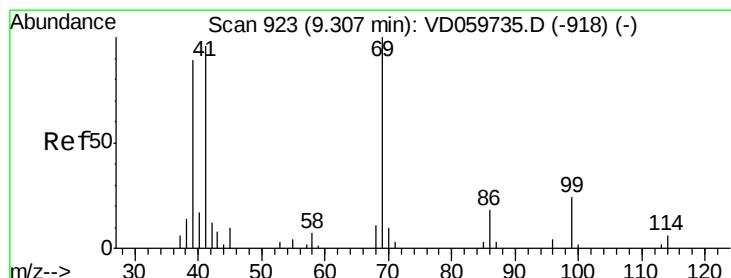
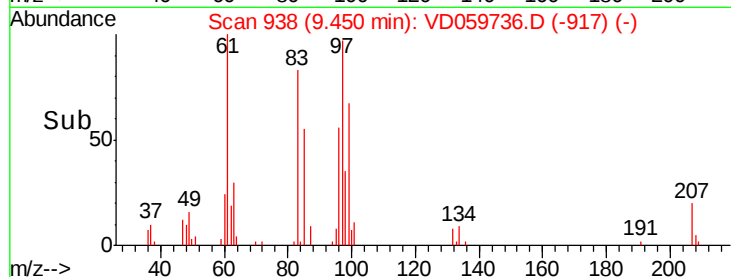
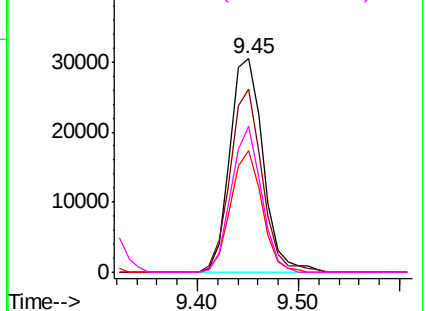


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 65.730 ug/l

RT: 9.31 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

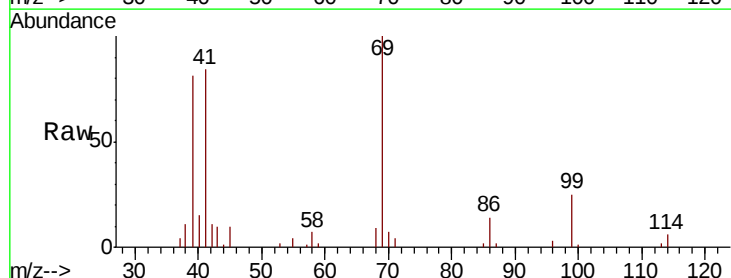
Tgt Ion: 69 Resp: 73167

Ion Ratio Lower Upper

69 100

41 83.9 76.7 115.1

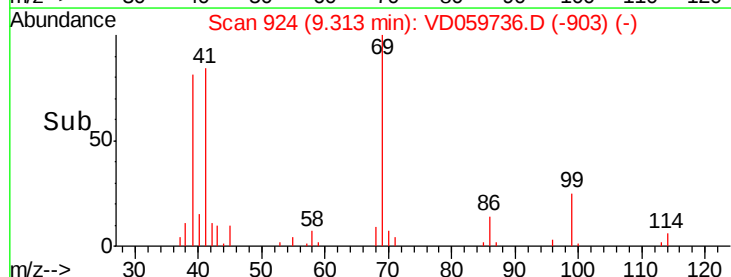
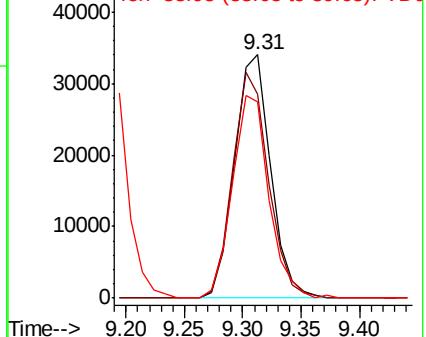
39 80.8 71.0 106.4

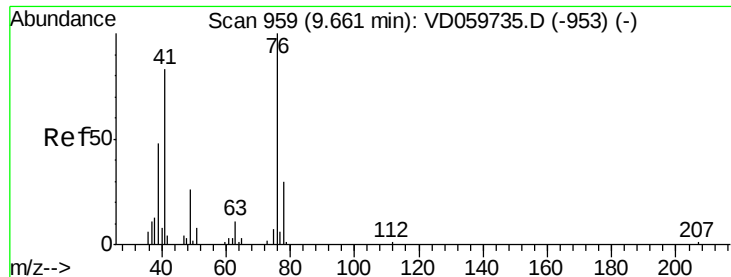


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 73.839 ug/l

RT: 9.66 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

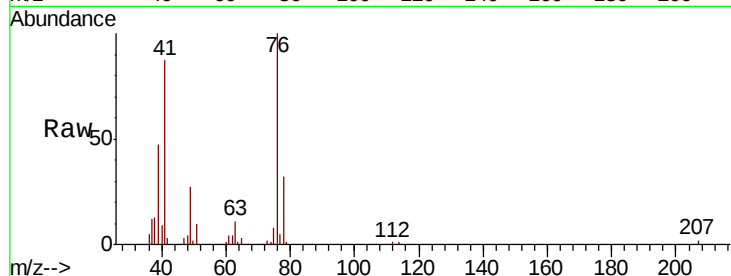
ClientSampled :

Tot Ion: 76 Resp: 117079

Ion Ratio Lower Upper

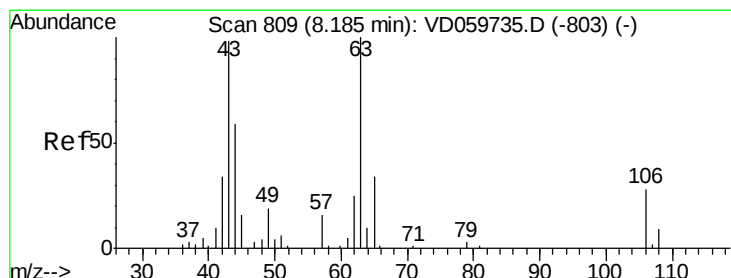
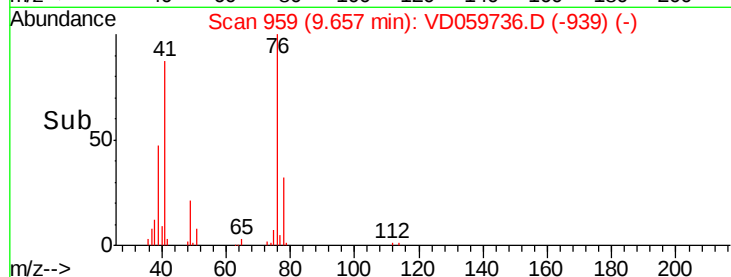
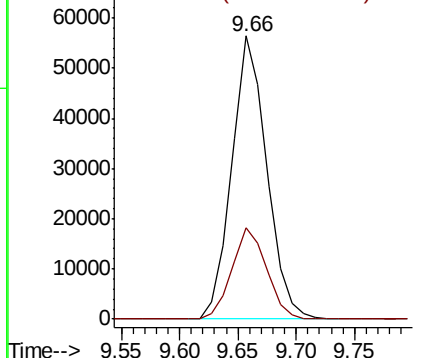
76 100

78 32.3 23.8 35.8



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 345.054 ug/l

RT: 8.18 min Scan# 809

Delta R.T. -0.00 min

Lab File: VD059736.D

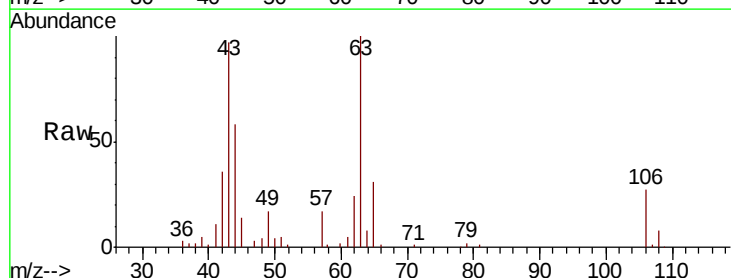
Acq: 10 Aug 2018 18:38

Tgt Ion: 63 Resp: 184831

Ion Ratio Lower Upper

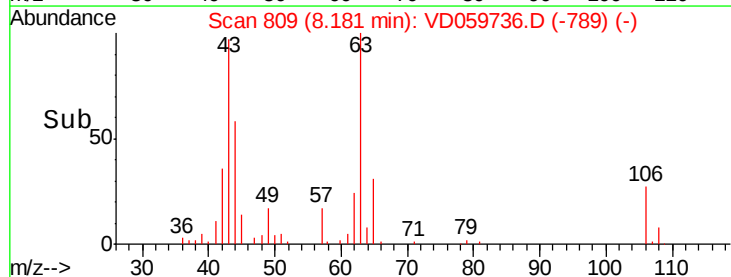
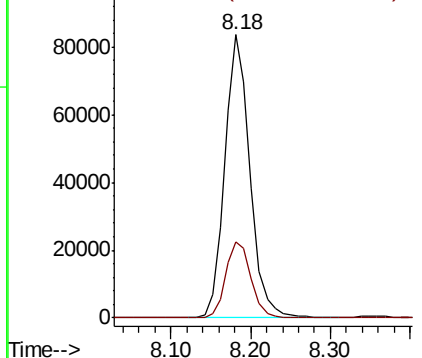
63 100

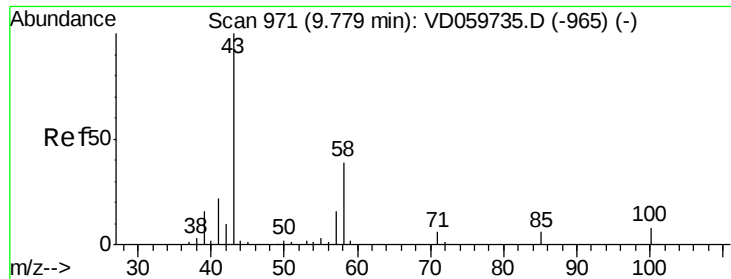
106 26.7 22.2 33.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

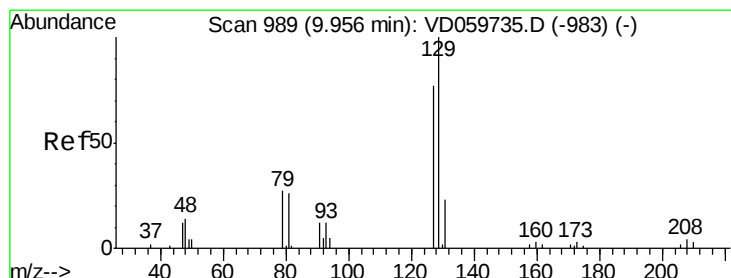
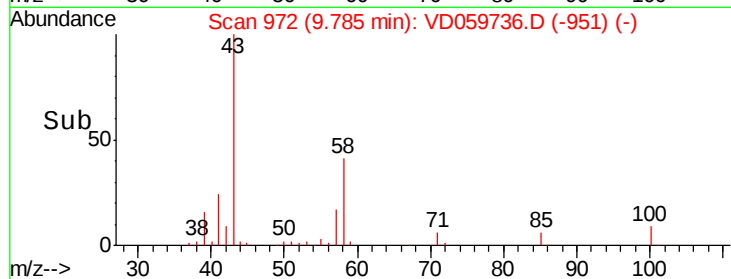
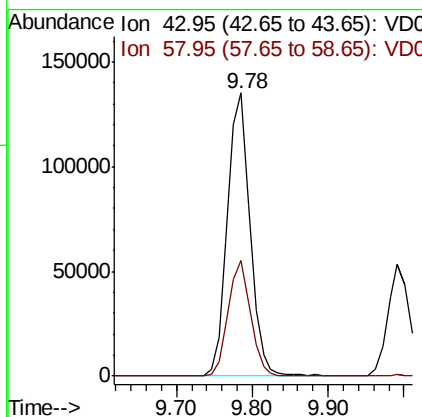
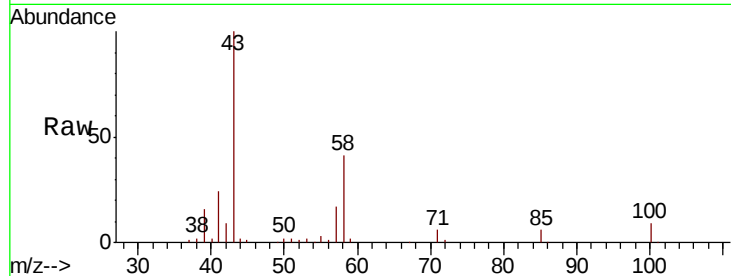




#59
2-Hexanone
Concen: 374.414 ug/l
RT: 9.78 min Scan# 972
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

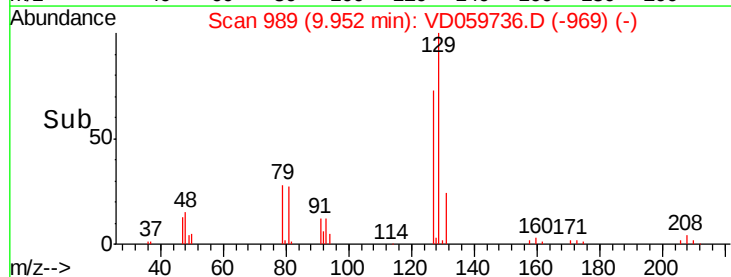
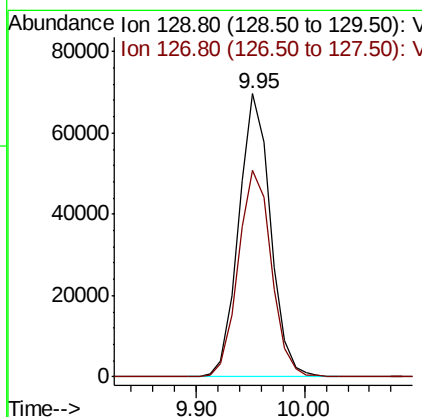
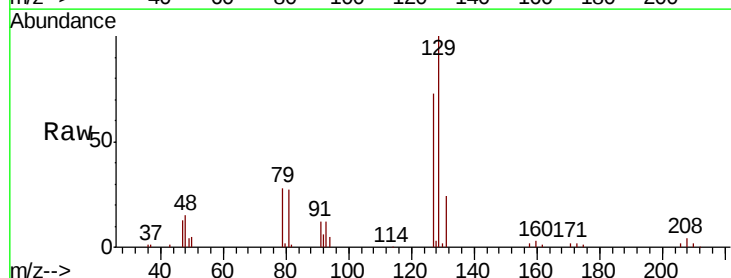
Instrument :
MSVOA_D
ClientSampled :

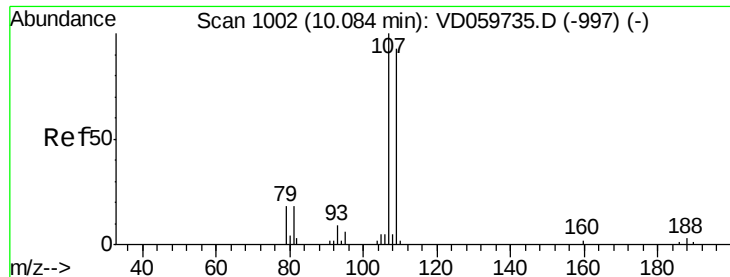
Tot Ion: 43 Resp: 278927
Ion Ratio Lower Upper
43 100
58 40.7 19.8 59.3



#60
Dibromochloromethane
Concen: 85.562 ug/l
RT: 9.95 min Scan# 989
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:129 Resp: 141794
Ion Ratio Lower Upper
129 100
127 73.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 74.120 ug/l

RT: 10.09 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

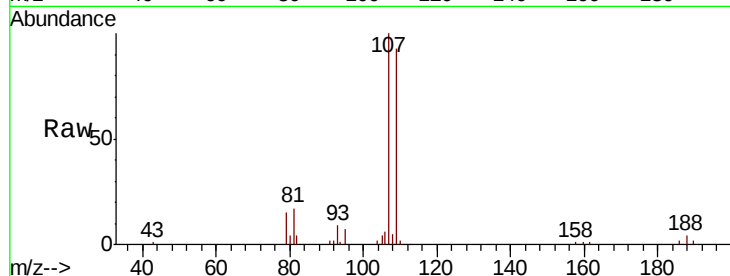
ClientSampleId :

Tot Ion:107 Resp: 87197

Ion Ratio Lower Upper

107 100

109 93.3 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.09

50000

40000

30000

20000

10000

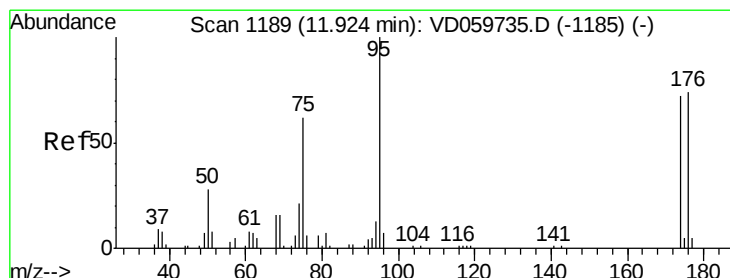
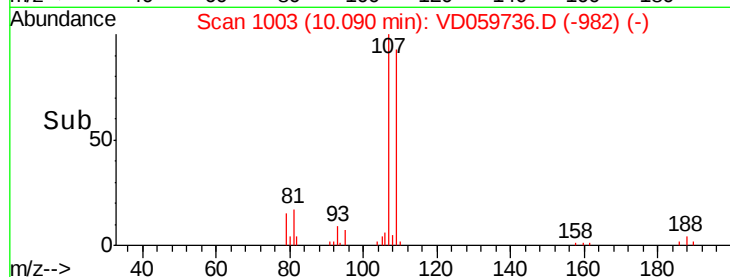
0

Time-->

10.00

10.10

10.20



#62

4-Bromofluorobenzene

Concen: 74.120 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

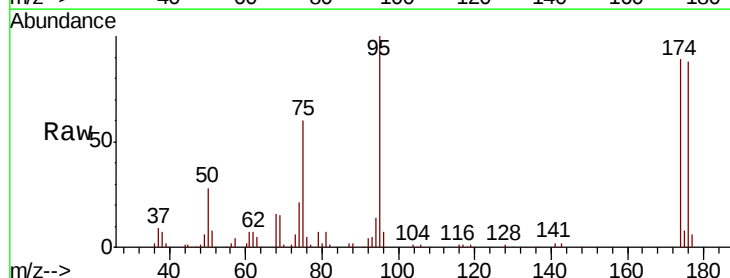
Tgt Ion: 95 Resp: 143157

Ion Ratio Lower Upper

95 100

174 88.5 0.0 143.2

176 88.4 0.0 147.2



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

11.93

100000

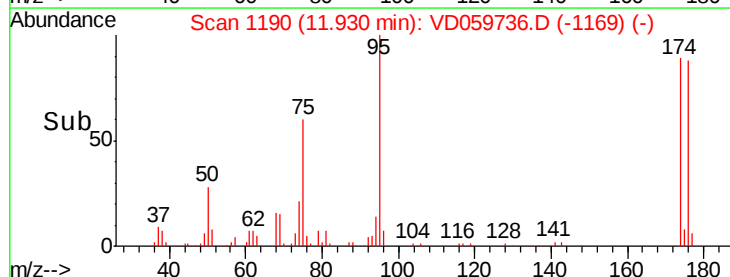
50000

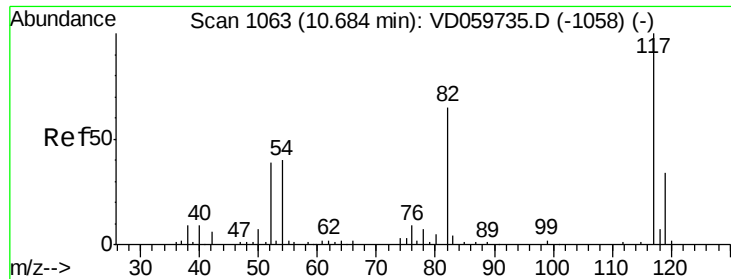
0

Time-->

11.90

12.00

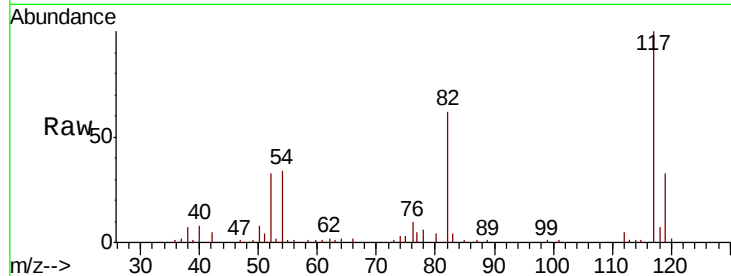




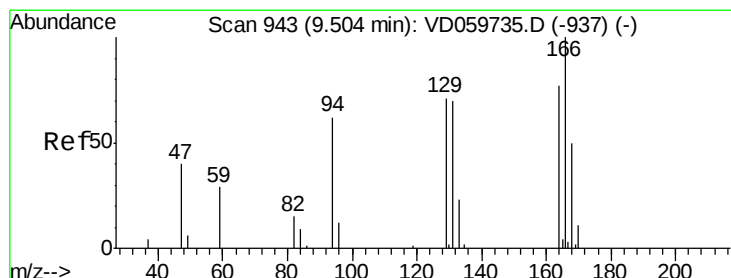
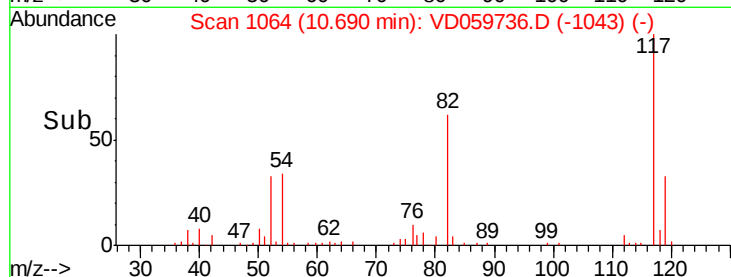
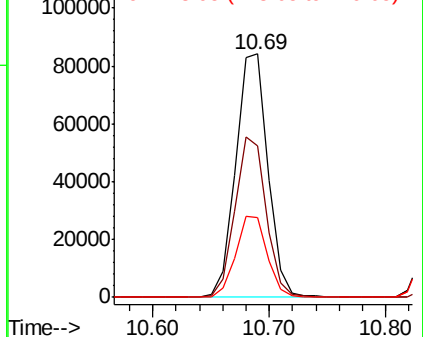
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 160149
Ion Ratio Lower Upper
117 100
82 62.3 51.9 77.9
119 32.8 27.4 41.0

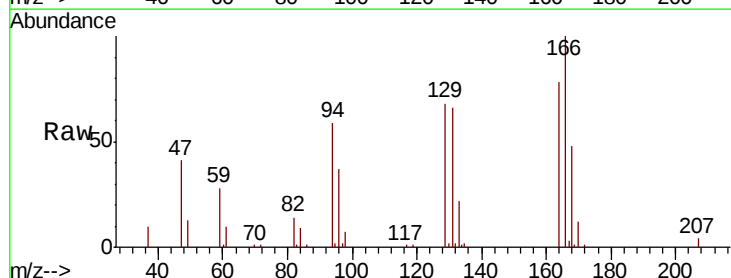


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

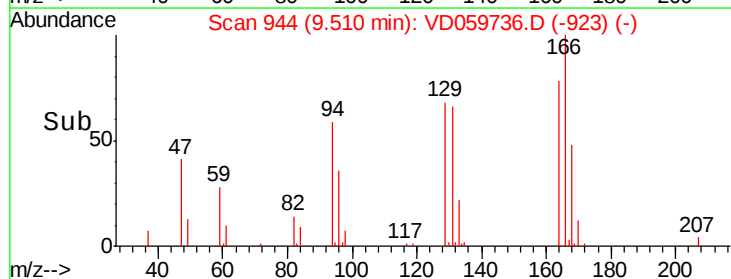
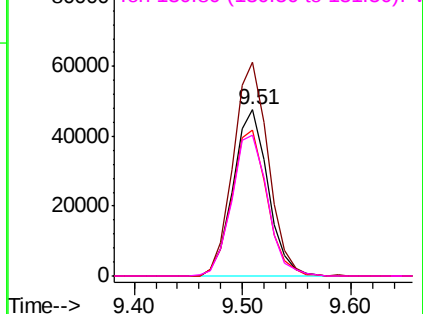


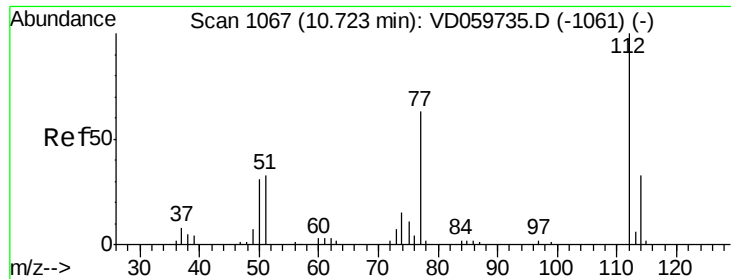
#64
Tetrachloroethene
Concen: 69.746 ug/l
RT: 9.51 min Scan# 944
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:164 Resp: 106177
Ion Ratio Lower Upper
164 100
166 128.8 103.5 155.3
129 87.6 73.5 110.3
131 85.1 72.3 108.5



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

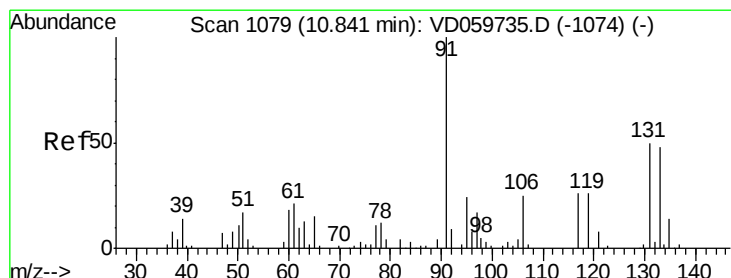
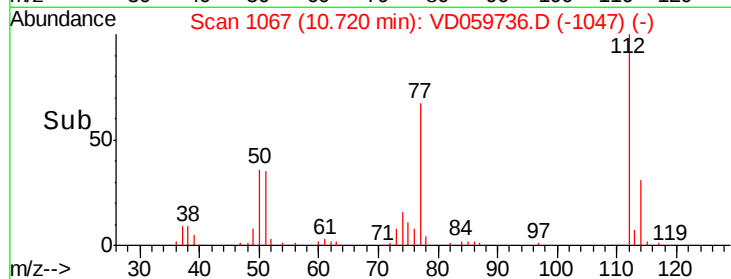
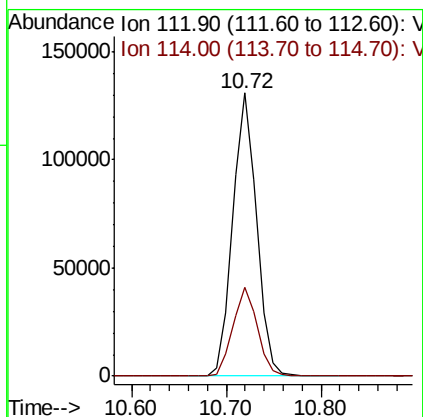
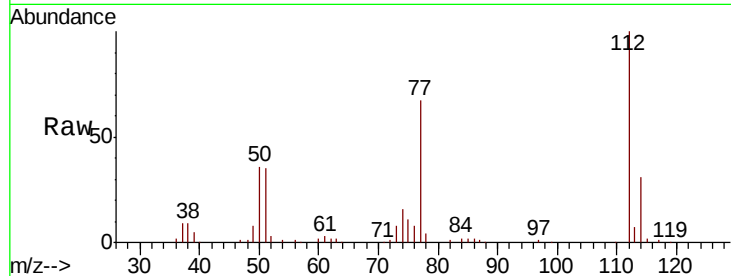




#65
Chlorobenzene
Concen: 67.862 ug/l
RT: 10.72 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

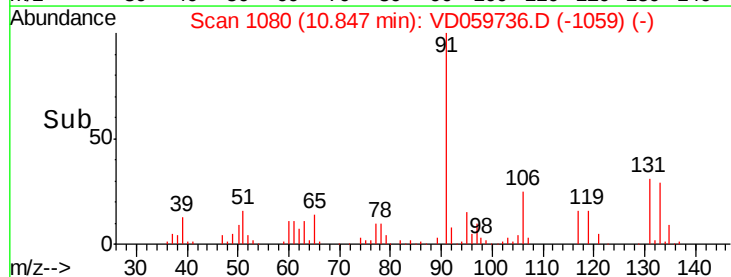
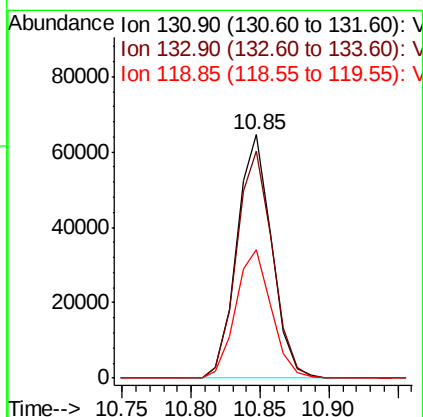
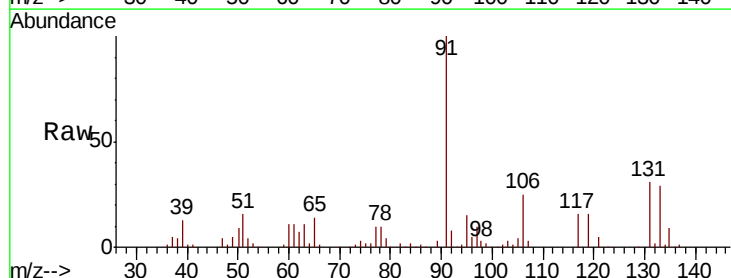
Instrument :
MSVOA_D
ClientSampled :

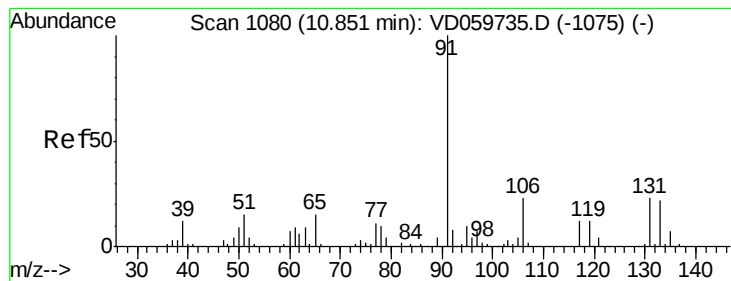
Tot Ion:112 Resp: 228609
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 74.558 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:131 Resp: 113376
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.3
119 52.6 26.2 78.5





#67

Ethyl Benzene

Concen: 69.155 ug/l

RT: 10.86 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

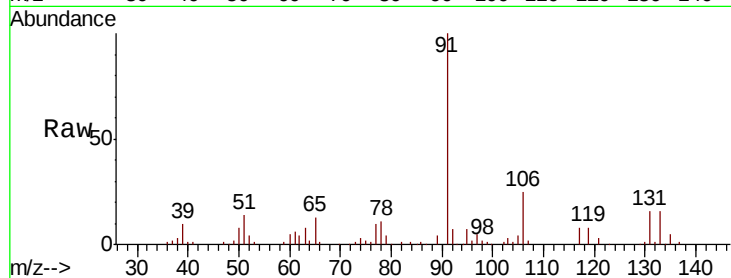
ClientSampleId :

Tot Ion: 91 Resp: 421912

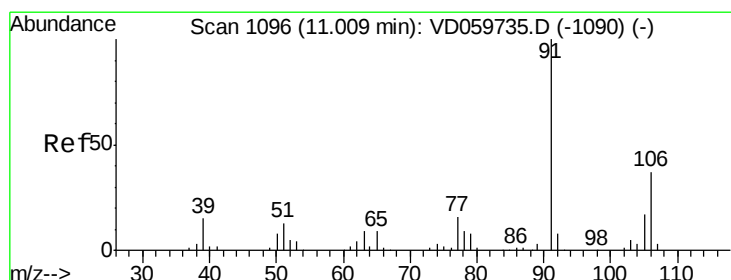
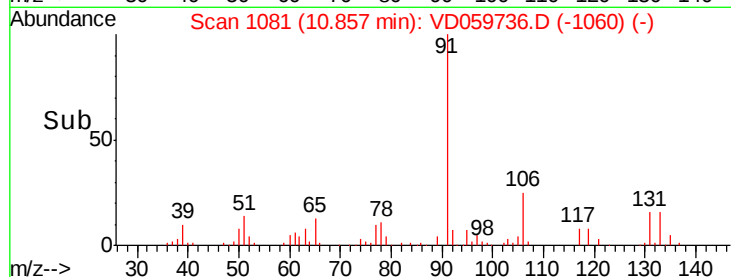
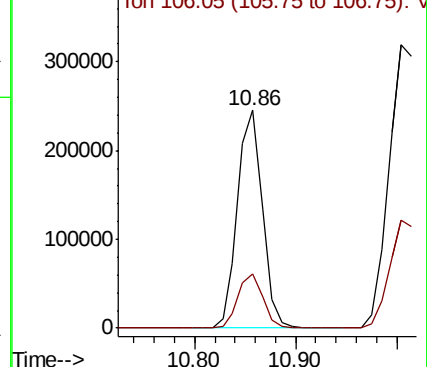
Ion Ratio Lower Upper

91 100

106 25.0 18.8 28.2



Abundance Ion 91.00 (90.70 to 91.70): VDC



#68

m/p-Xylenes

Concen: 137.129 ug/l

RT: 11.00 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VD059736.D

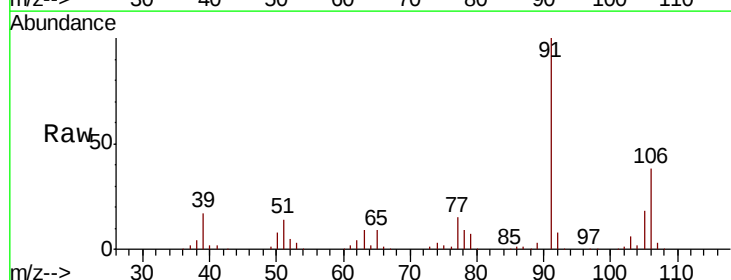
Acq: 10 Aug 2018 18:38

Tgt Ion:106 Resp: 265002

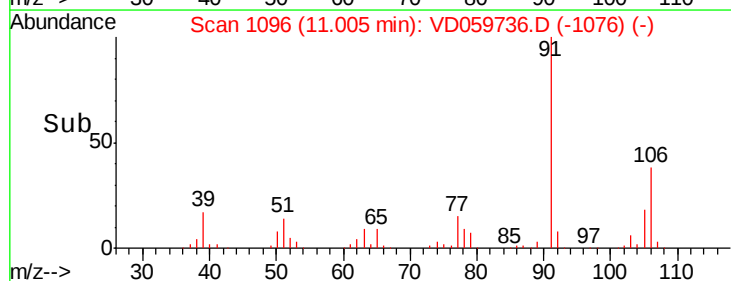
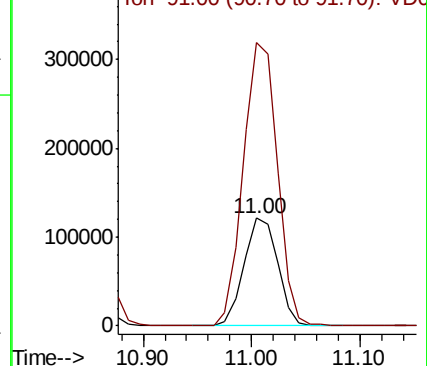
Ion Ratio Lower Upper

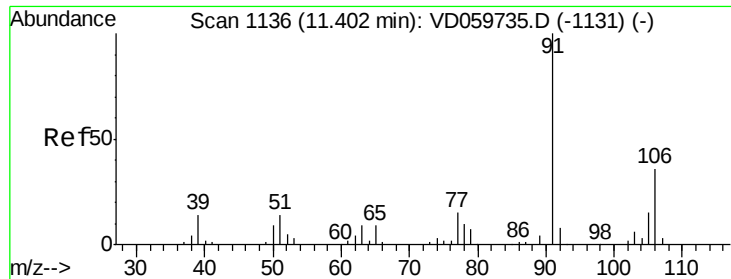
106 100

91 262.3 213.8 320.8



Abundance Ion 106.05 (105.75 to 106.75): VDC

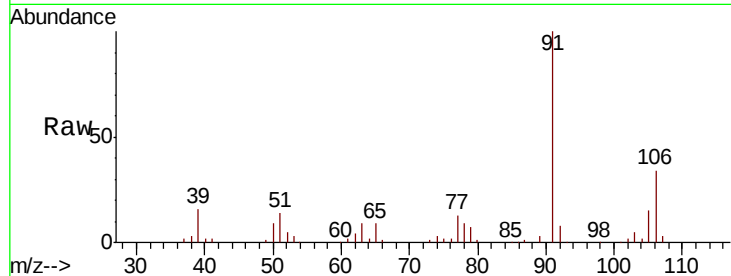




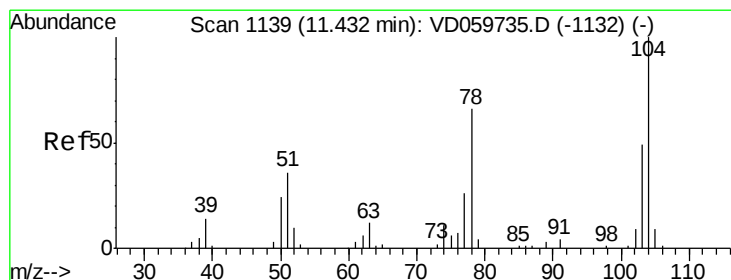
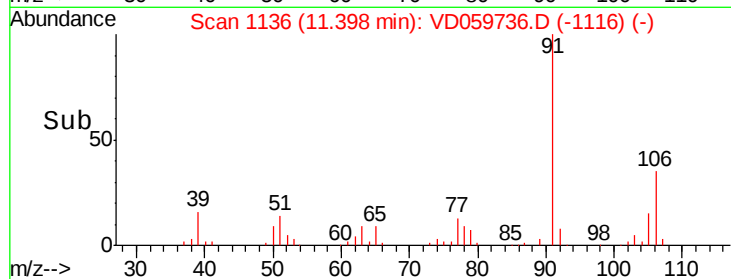
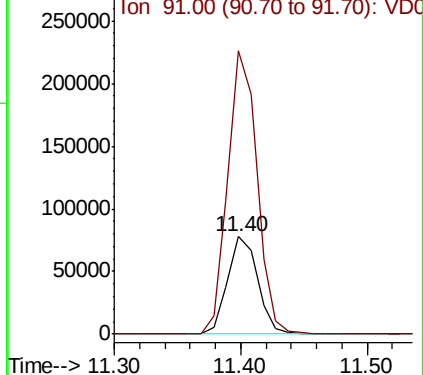
#69
o-Xylene
Concen: 67.460 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 127364
Ion Ratio Lower Upper
106 100
91 290.2 139.8 419.4

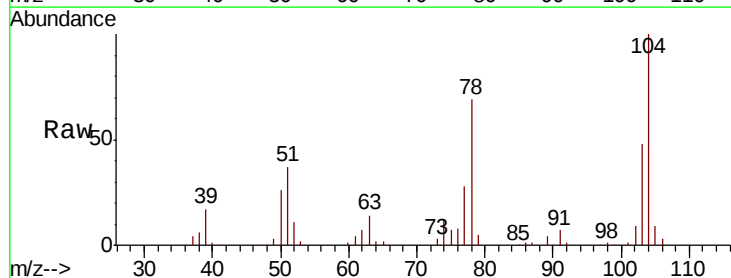


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

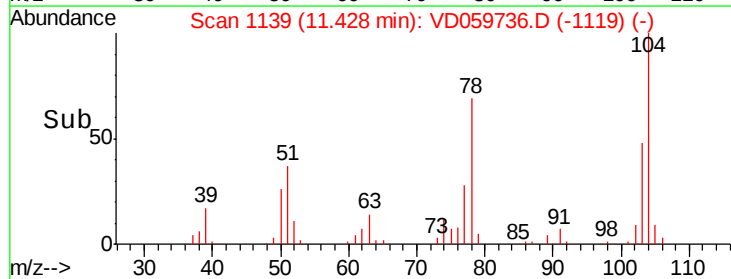
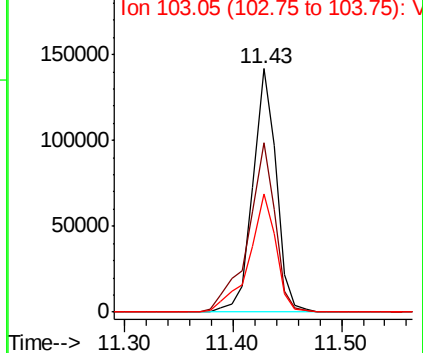


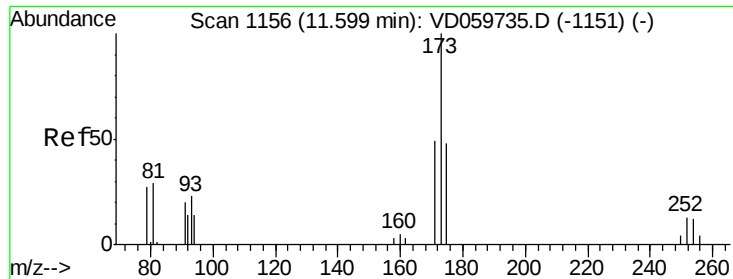
#70
Styrene
Concen: 67.736 ug/l
RT: 11.43 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:104 Resp: 213833
Ion Ratio Lower Upper
104 100
78 69.4 52.8 79.2
103 48.4 39.1 58.7



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

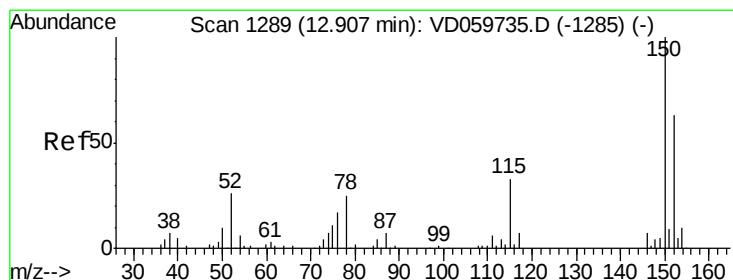
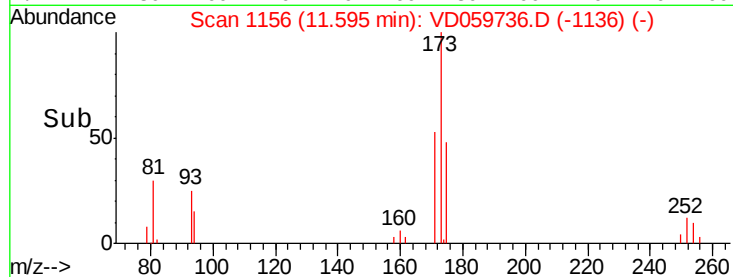
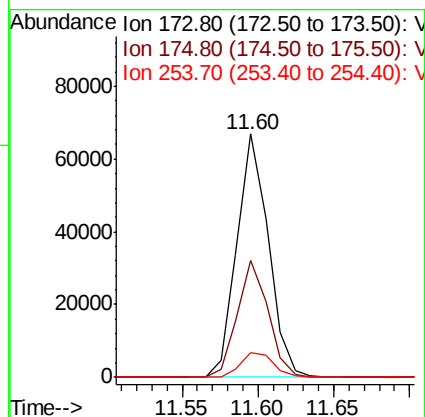
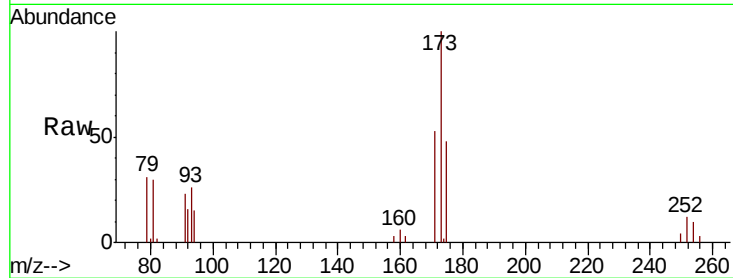




#71
Bromoform
Concen: 84.264 ug/l
RT: 11.60 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

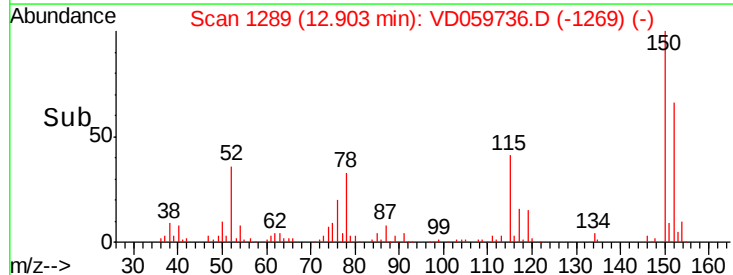
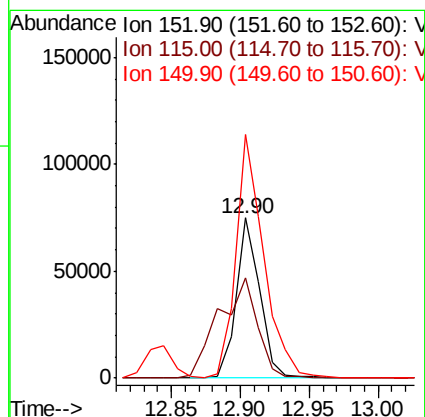
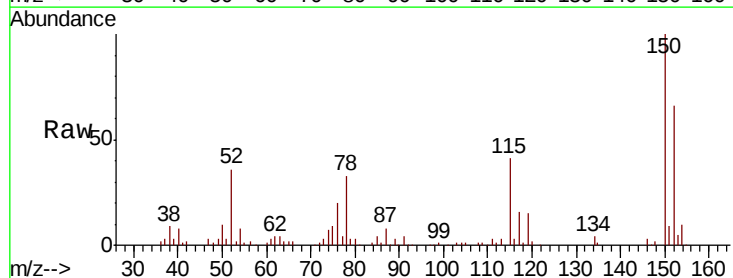
Instrument :
MSVOA_D
ClientSampleId :

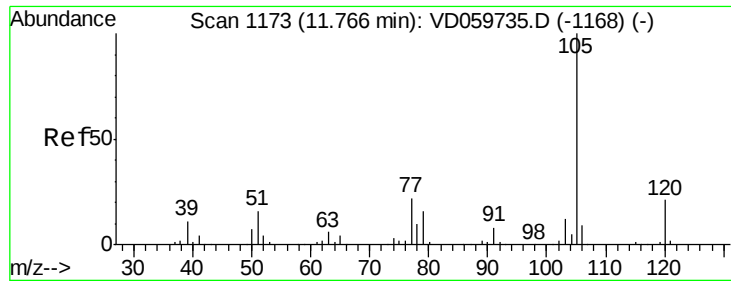
Tot Ion:173 Resp: 96629
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 10.0 9.3 13.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:152 Resp: 88854
Ion Ratio Lower Upper
152 100
115 62.6 29.8 89.3
150 152.3 0.0 320.4

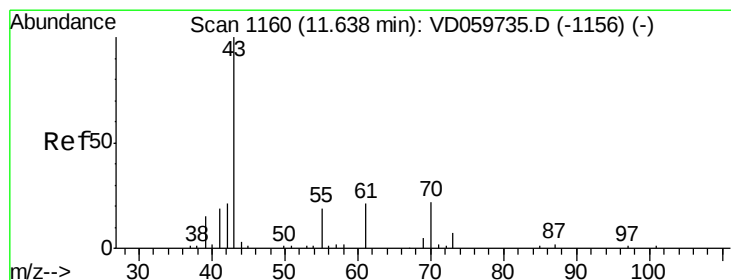
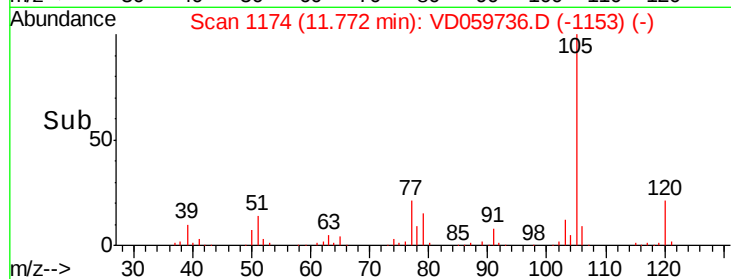
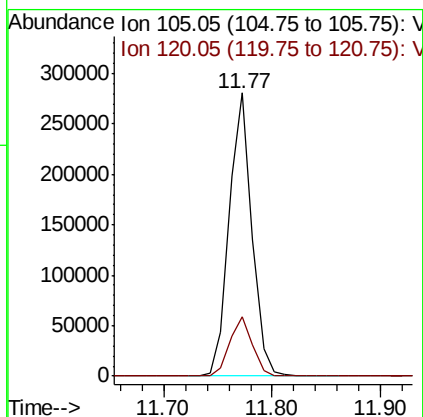
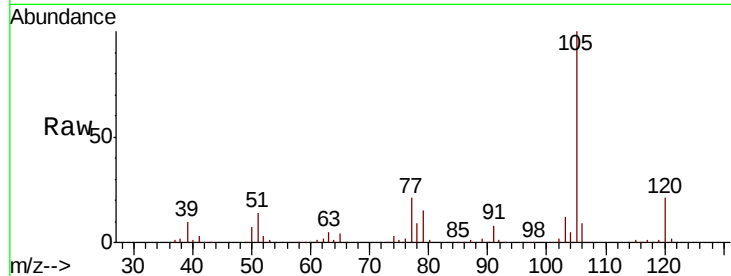




#73
Isopropylbenzene
Concen: 69.808 ug/l
RT: 11.77 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

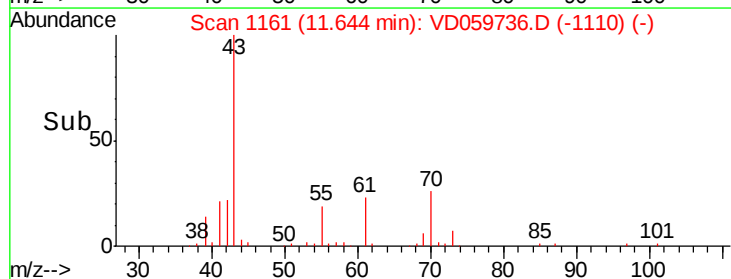
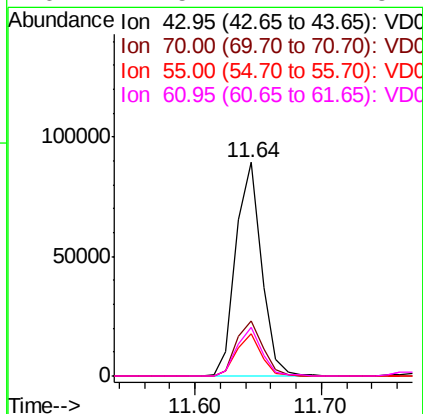
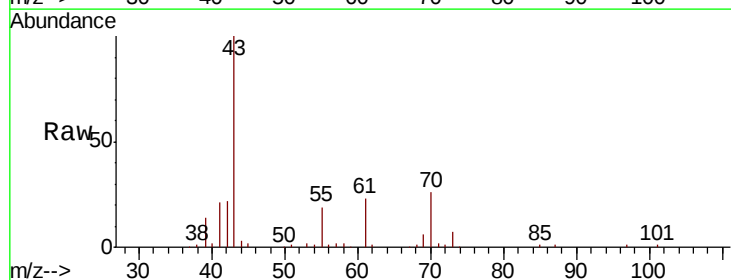
Instrument :
MSVOA_D
ClientSampleId :

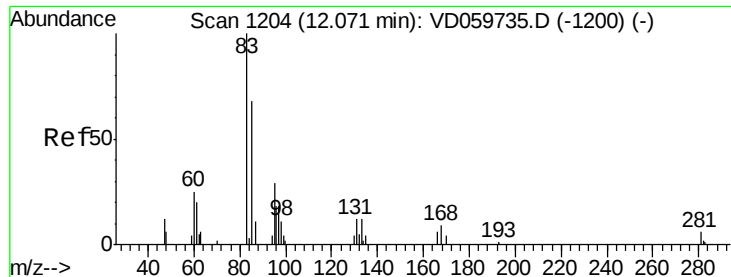
Tot Ion:105 Resp: 411347
Ion Ratio Lower Upper
105 100
120 20.9 10.3 30.8



#74
N-ethyl acetate
Concen: 67.344 ug/l
RT: 11.64 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 43 Resp: 125232
Ion Ratio Lower Upper
43 100
70 25.8 18.0 27.0
55 19.5 14.8 22.2
61 22.5 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 68.779 ug/l

RT: 12.08 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

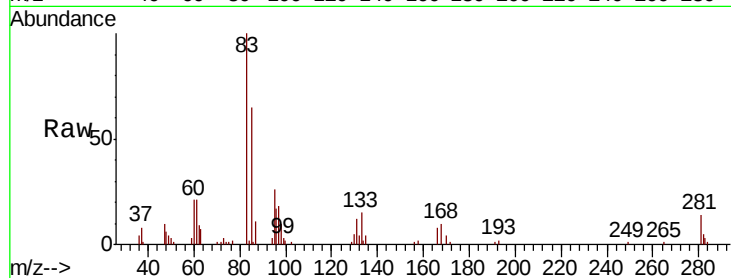
Tot Ion: 83 Resp: 80823

Ion Ratio Lower Upper

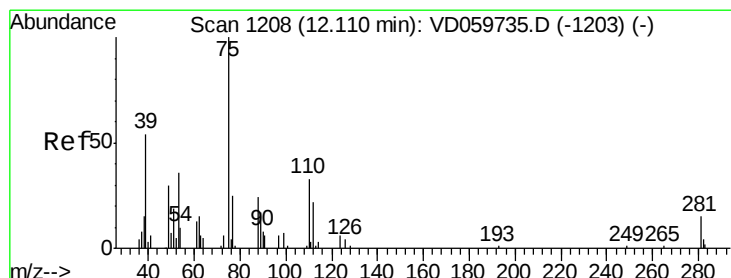
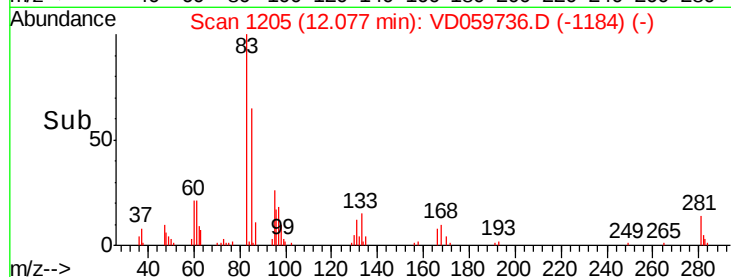
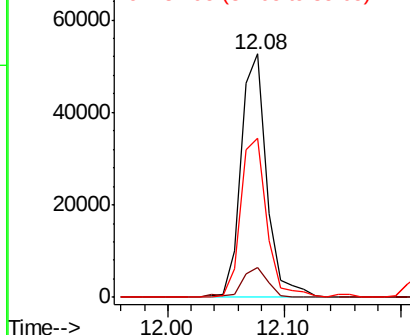
83 100

131 12.2 6.3 19.1

85 65.4 34.2 102.5



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: 66.673 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VD059736.D

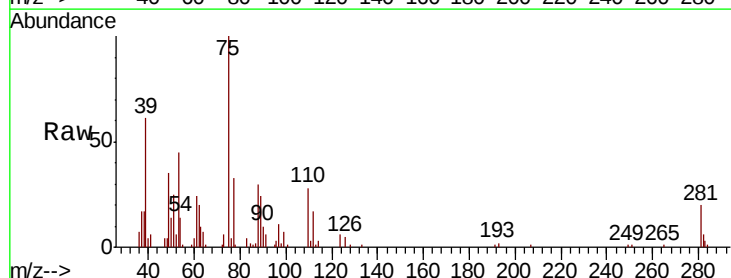
Acq: 10 Aug 2018 18:38

Tgt Ion: 75 Resp: 91099

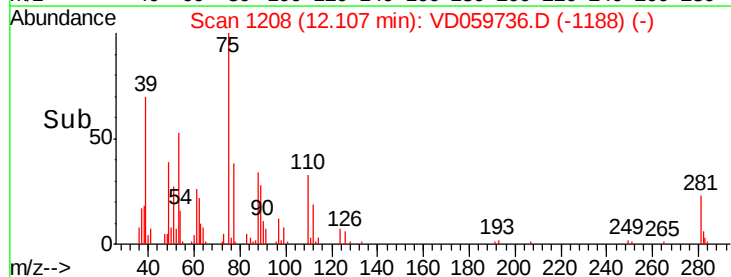
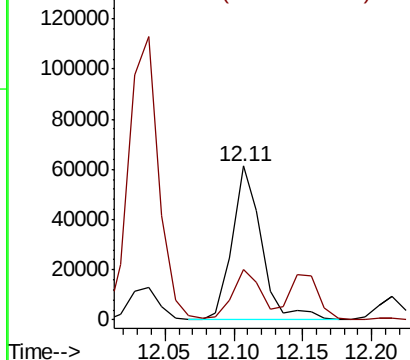
Ion Ratio Lower Upper

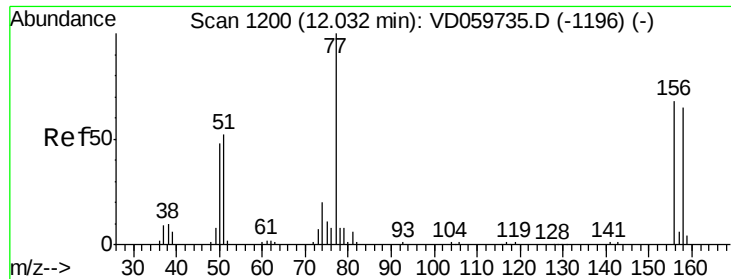
75 100

77 32.7 16.0 48.0



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

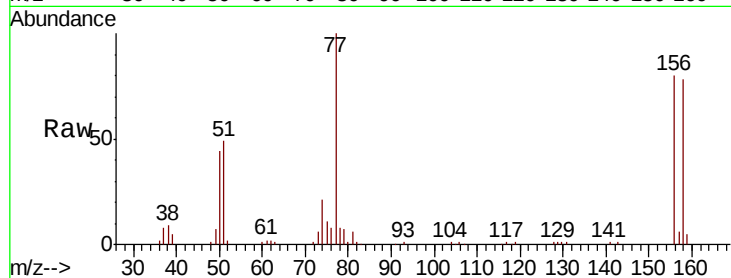




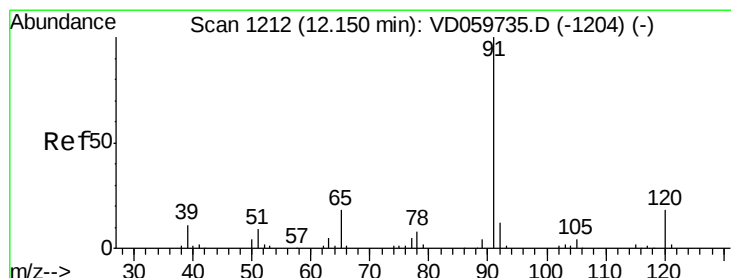
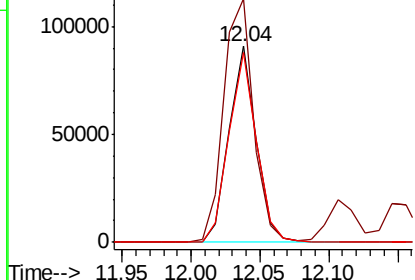
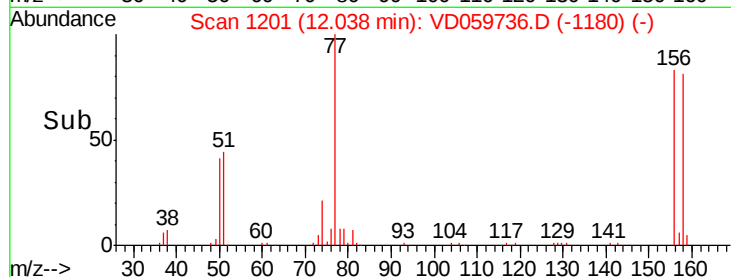
#77
Bromobenzene
Concen: 72.276 ug/l
RT: 12.04 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:156 Resp: 124462
Ion Ratio Lower Upper
156 100
77 124.5 73.3 219.8
158 97.4 47.5 142.5

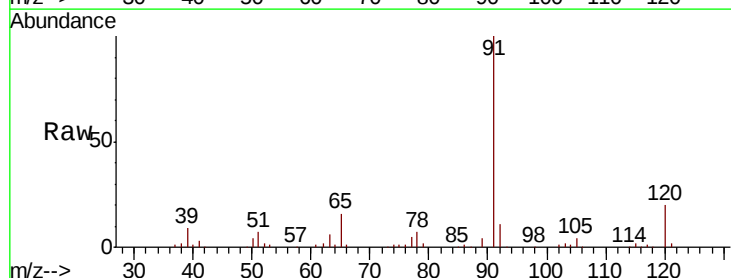


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

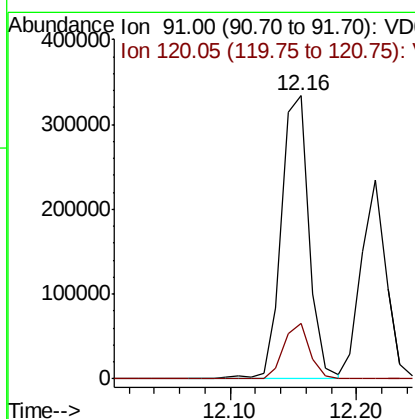
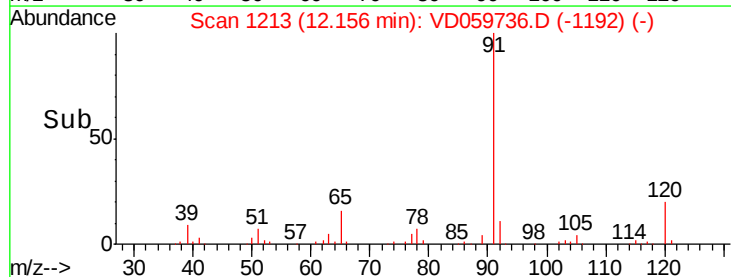


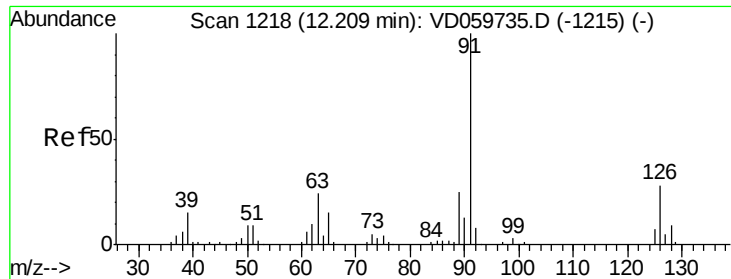
#78
n-propylbenzene
Concen: 69.908 ug/l
RT: 12.16 min Scan# 1213
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 91 Resp: 509855
Ion Ratio Lower Upper
91 100
120 19.6 8.9 26.7



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.05 (119.75 to 120.75): V

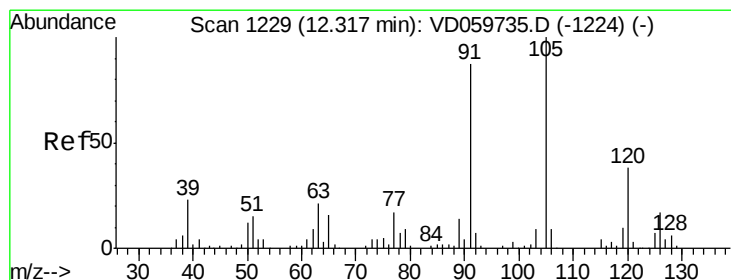
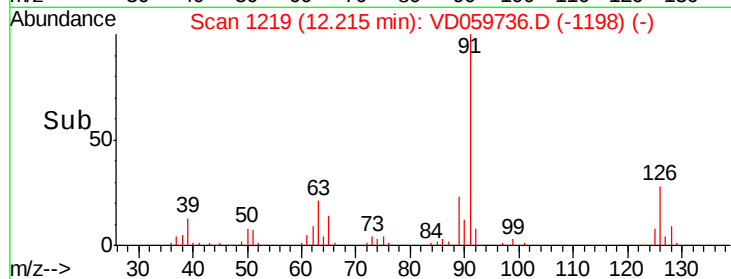
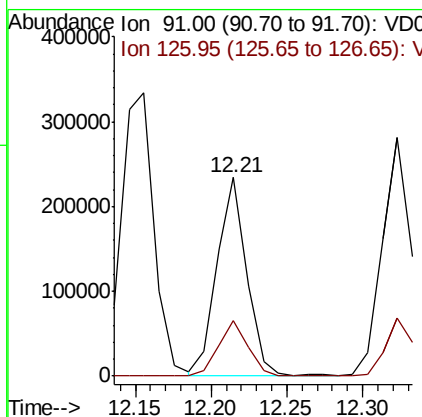
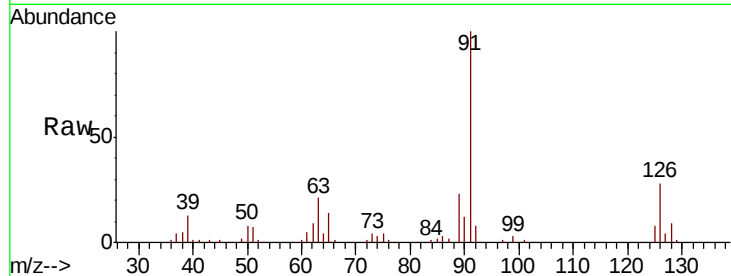




#79
 2-Chlorotoluene
 Concen: 71.834 ug/l
 RT: 12.21 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

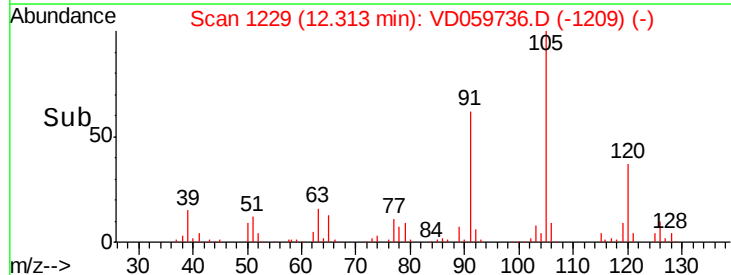
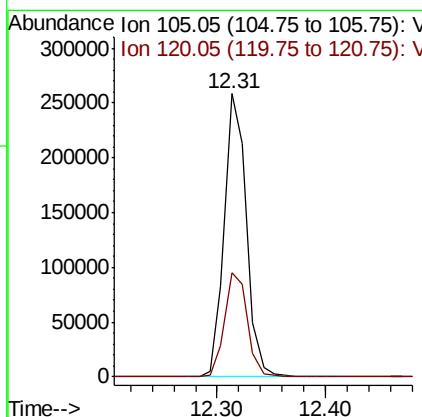
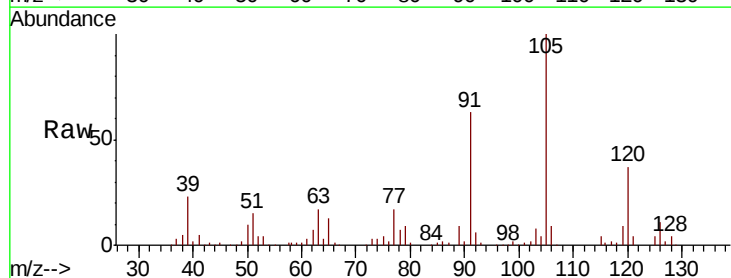
Instrument :
 MSVOA_D
 ClientSampleId :

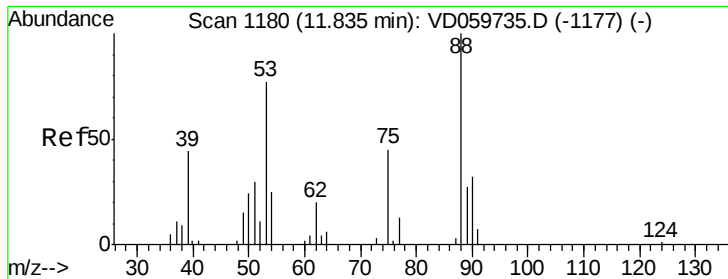
Tot Ion: 91 Resp: 317724
 Ion Ratio Lower Upper
 91 100
 126 28.2 13.3 39.9



#80
 1,3,5-Trimethylbenzene
 Concen: 74.533 ug/l
 RT: 12.31 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 105 Resp: 367549
 Ion Ratio Lower Upper
 105 100
 120 36.8 19.2 57.6

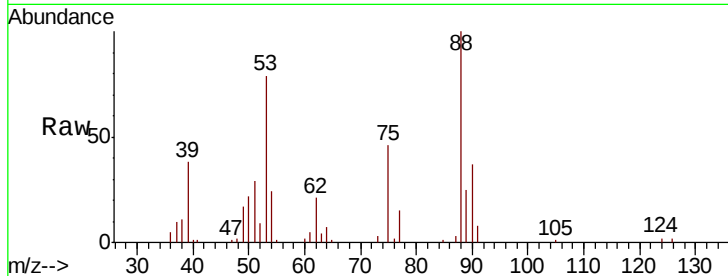




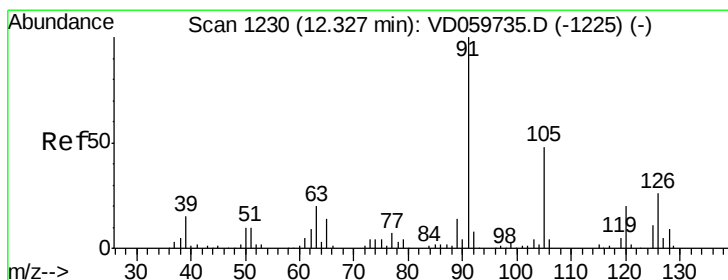
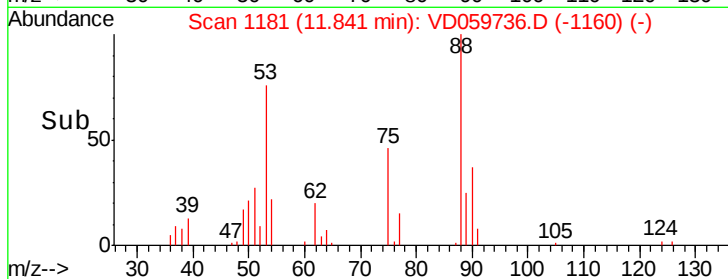
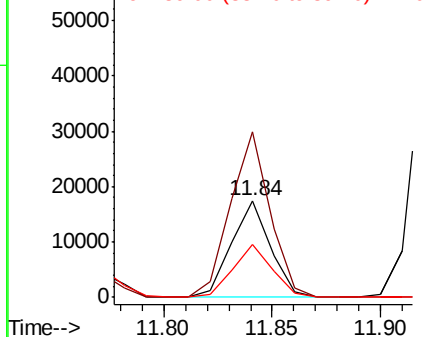
#81
trans-1,4-Dichloro-2-butene
Concen: 68.757 ug/l
RT: 11.84 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 22114
Ion Ratio Lower Upper
75 100
53 171.2 137.5 206.3
89 54.9 48.3 72.5

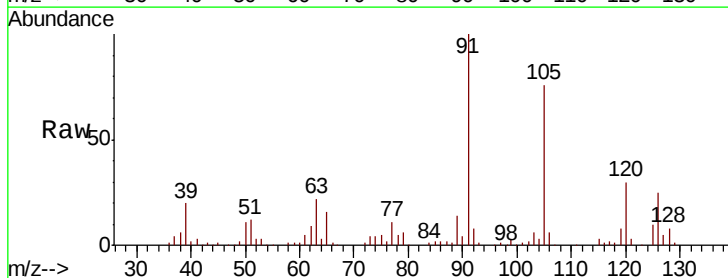


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

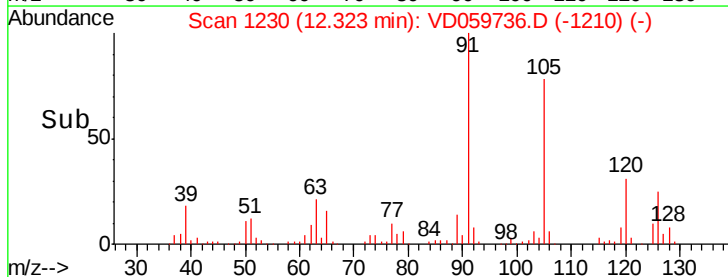
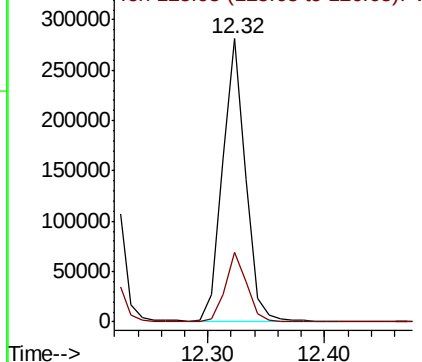


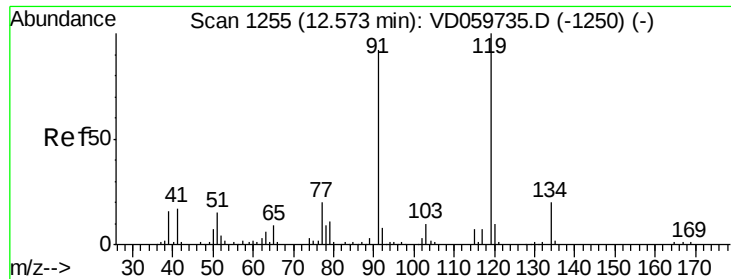
#82
4-Chlorotoluene
Concen: 73.390 ug/l
RT: 12.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 91 Resp: 381301
Ion Ratio Lower Upper
91 100
126 24.6 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

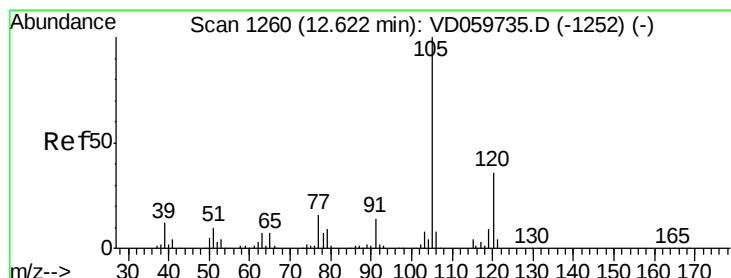
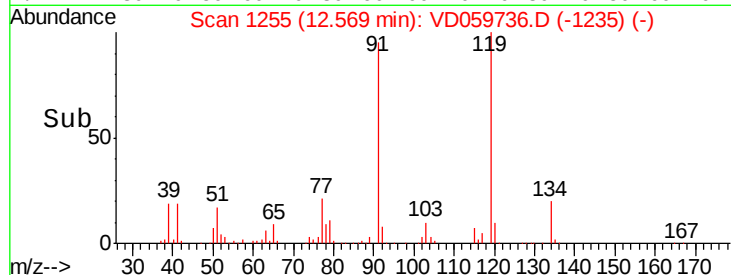
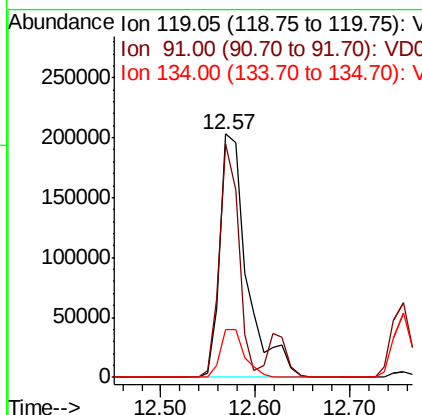
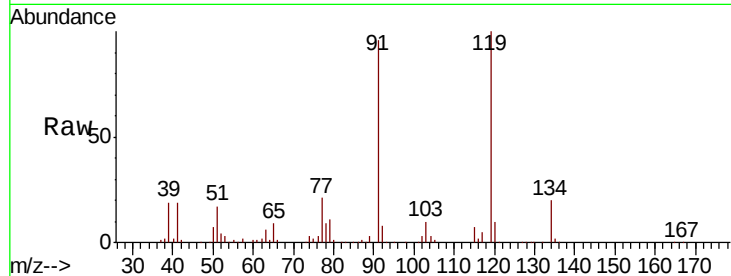




#83
 tert-Butylbenzene
 Concen: 73.642 ug/l
 RT: 12.57 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

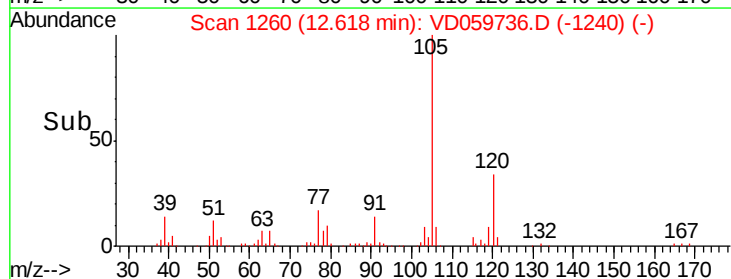
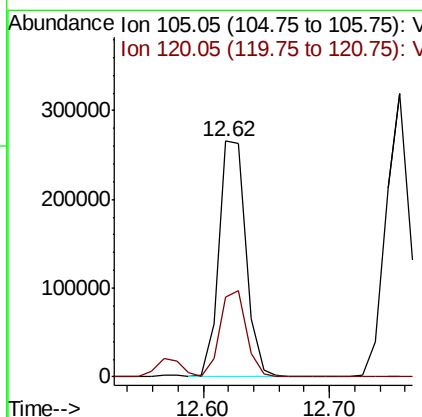
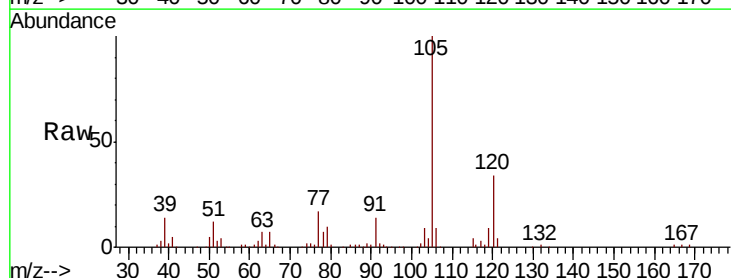
Instrument :
 MSVOA_D
 ClientSampleId :

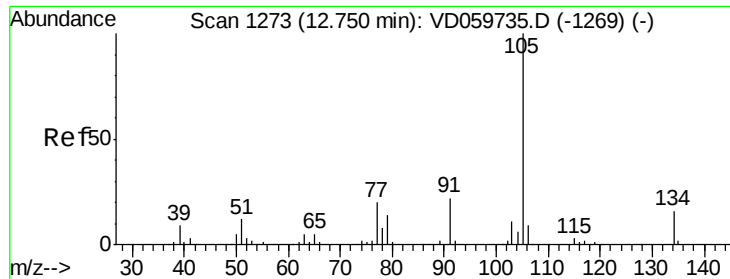
Tot Ion:119 Resp: 403820
 Ion Ratio Lower Upper
 119 100
 91 95.9 46.1 138.2
 134 19.6 9.9 29.7



#84
 1,2,4-Trimethylbenzene
 Concen: 75.051 ug/l
 RT: 12.62 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion:105 Resp: 392968
 Ion Ratio Lower Upper
 105 100
 120 34.0 17.9 53.7





#85

sec-Butylbenzene

Concen: 70.691 ug/l

RT: 12.76 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

Instrument :

MSVOA_D

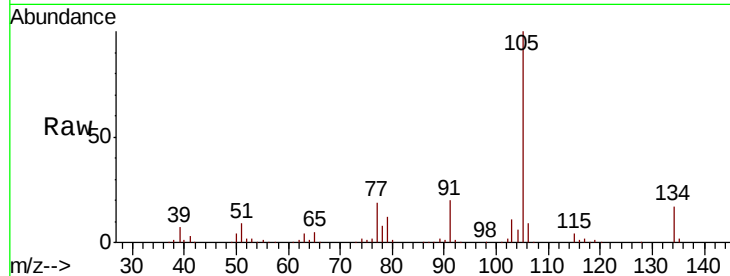
ClientSampleId :

Tot Ion:105 Resp: 431219

Ion Ratio Lower Upper

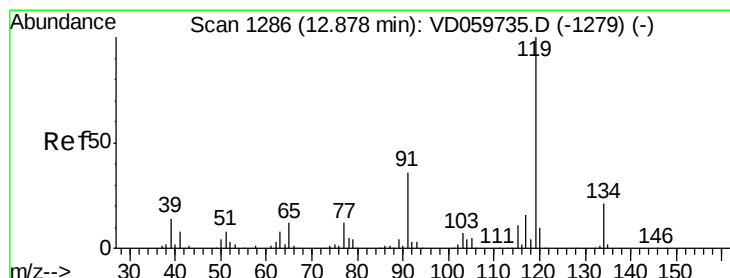
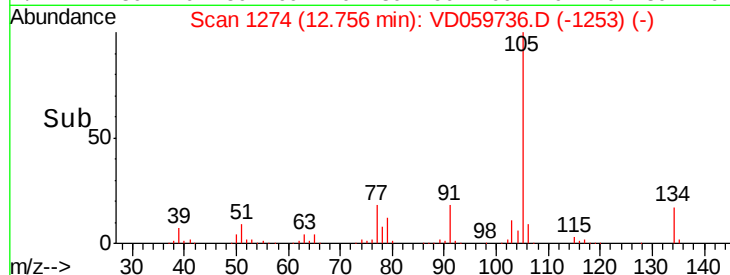
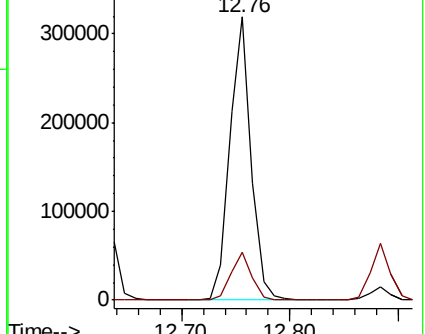
105 100

134 17.0 7.8 23.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 72.060 ug/l

RT: 12.88 min Scan# 1287

Delta R.T. 0.01 min

Lab File: VD059736.D

Acq: 10 Aug 2018 18:38

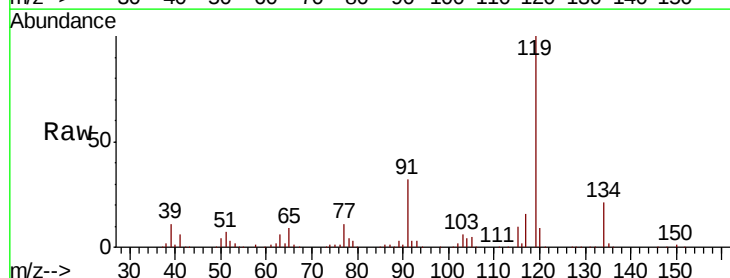
Tgt Ion:119 Resp: 375491

Ion Ratio Lower Upper

119 100

134 20.7 10.5 31.6

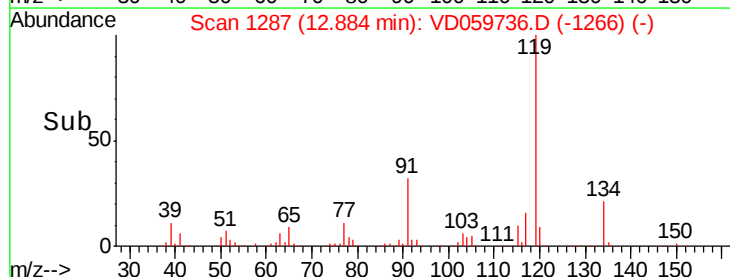
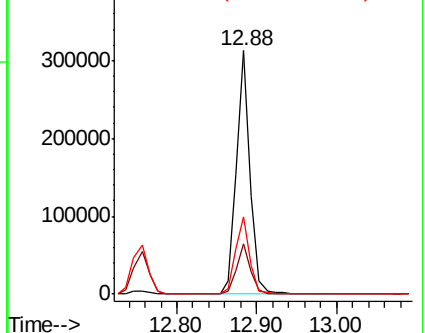
91 31.7 17.9 53.7

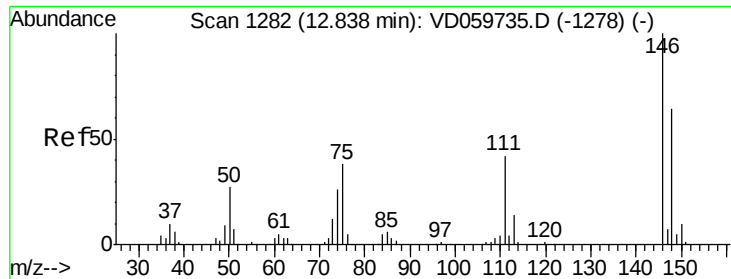


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

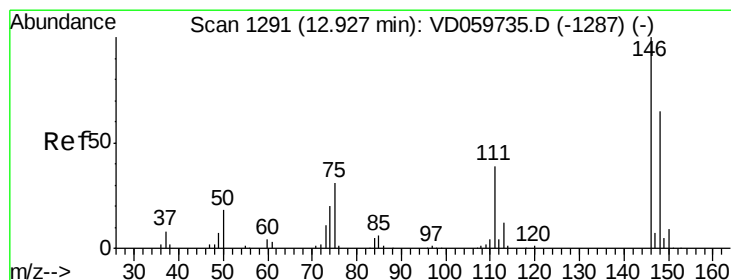
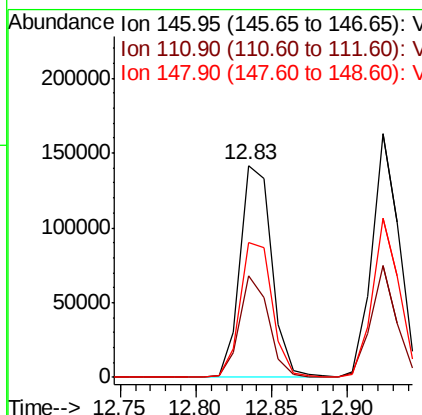
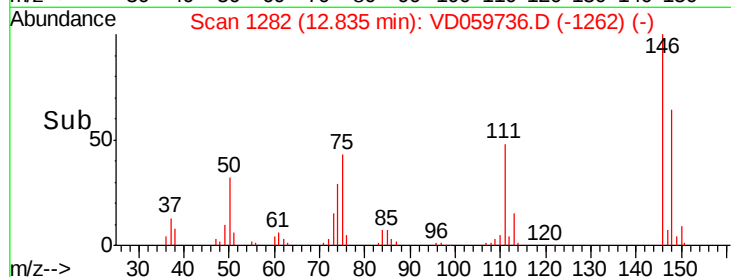
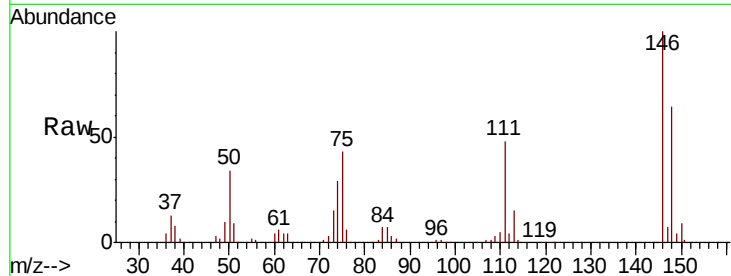




#87
 1,3-Dichlorobenzene
 Concen: 69.032 ug/l
 RT: 12.83 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

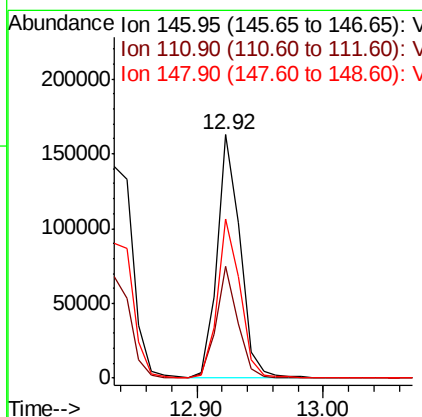
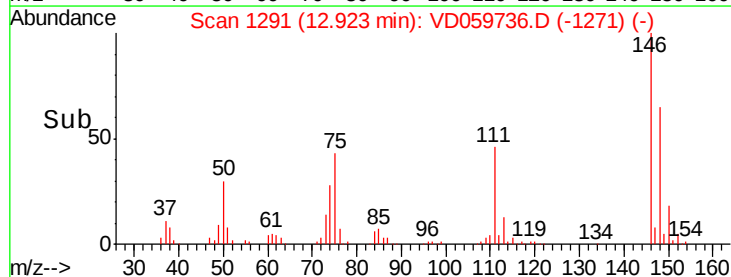
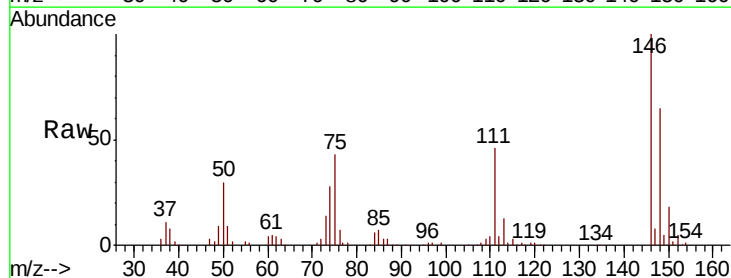
Instrument :
 MSVOA_D
 ClientSampleId :

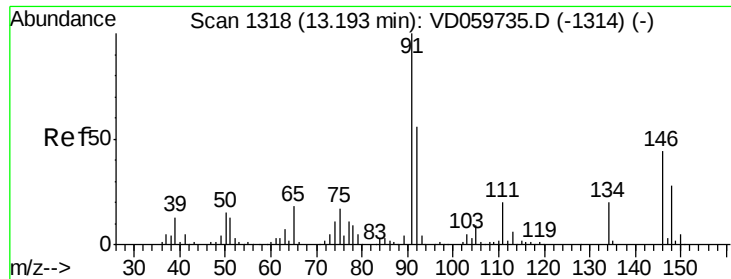
Tot Ion:146 Resp: 206199
 Ion Ratio Lower Upper
 146 100
 111 47.9 21.1 63.3
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 70.366 ug/l
 RT: 12.92 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion:146 Resp: 207910
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.7 59.0
 148 65.2 32.4 97.2

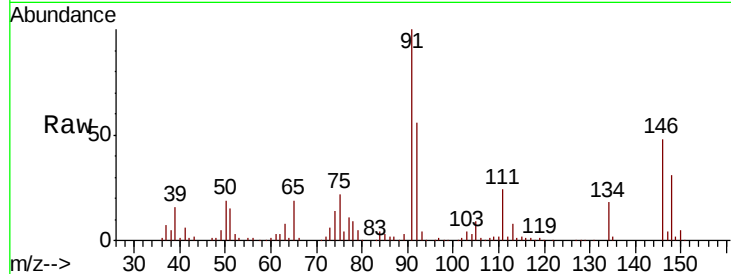




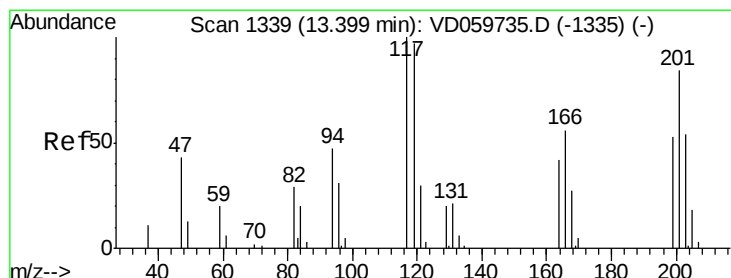
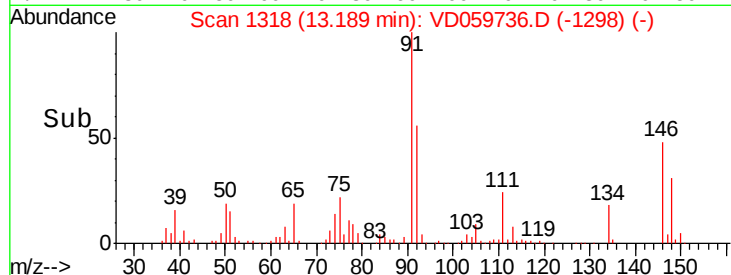
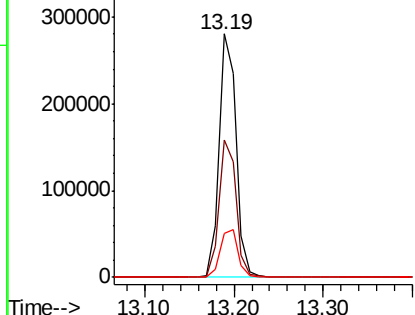
#89
n-Butylbenzene
Concen: 71.628 ug/l
RT: 13.19 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 376177
Ion Ratio Lower Upper
91 100
92 56.5 28.1 84.4
134 18.2 10.3 30.8

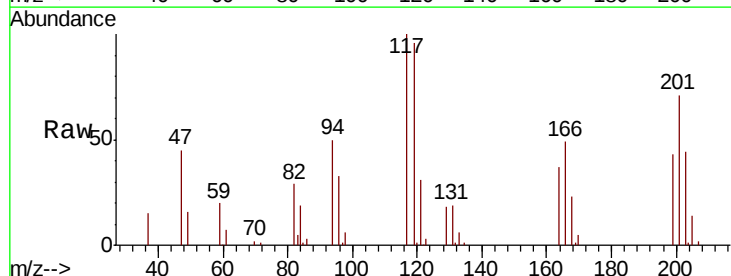


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V

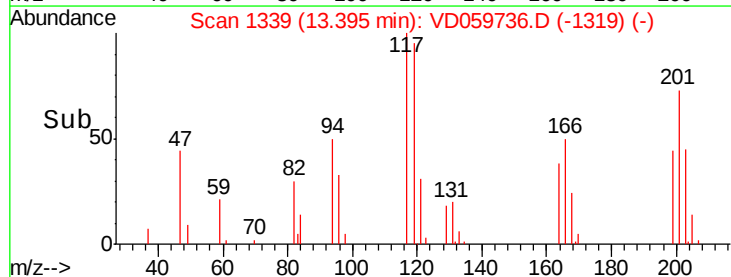
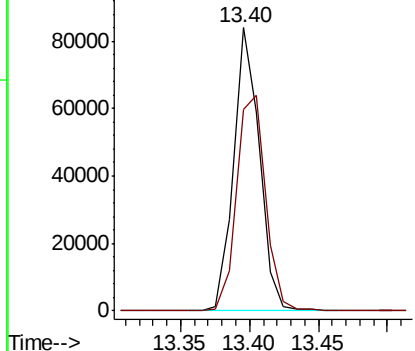


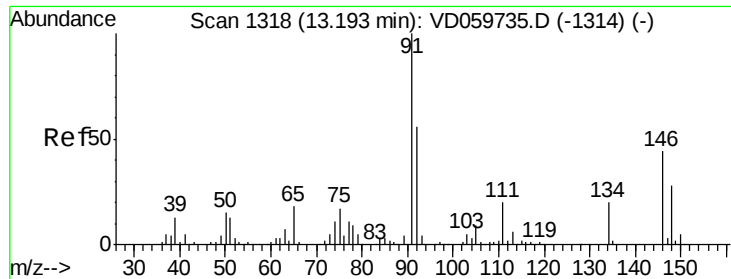
#90
Hexachloroethane
Concen: 80.496 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion: 117 Resp: 109455
Ion Ratio Lower Upper
117 100
201 71.1 41.9 125.7



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

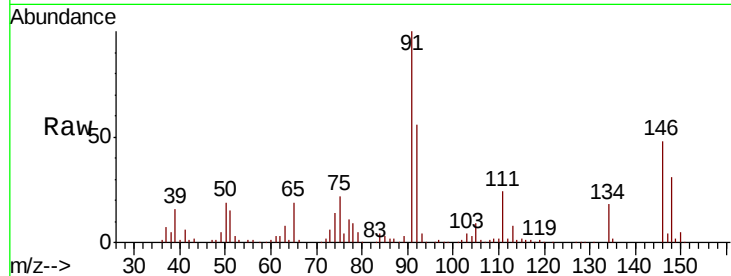




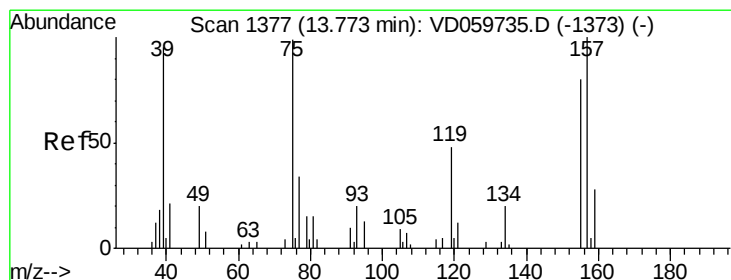
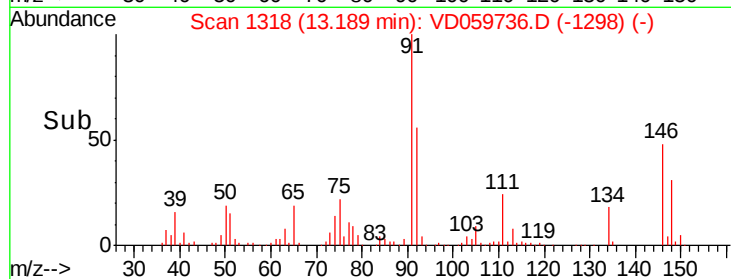
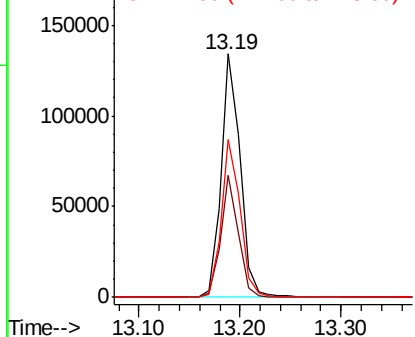
#91
 1,2-Dichlorobenzene
 Concen: 70.731 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 176938
 Ion Ratio Lower Upper
 146 100
 111 50.0 22.9 68.5
 148 64.7 31.8 95.4

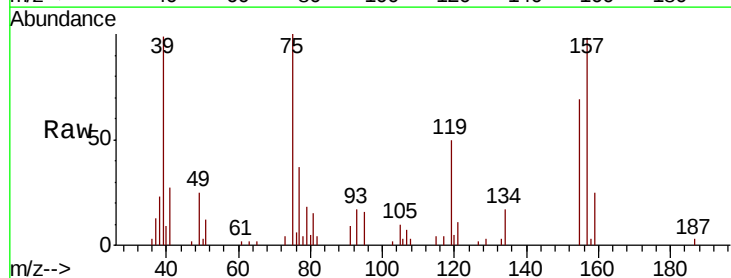


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

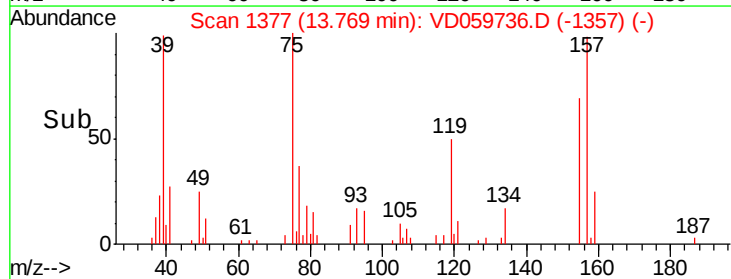
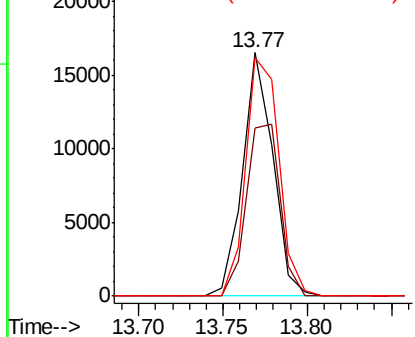


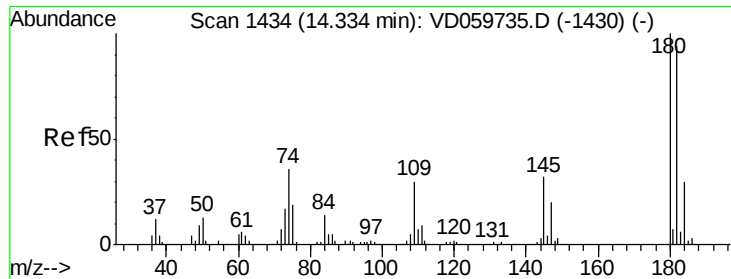
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.568 ug/l
 RT: 13.77 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion: 75 Resp: 20587
 Ion Ratio Lower Upper
 75 100
 155 68.8 40.4 121.1
 157 97.8 50.5 151.6



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

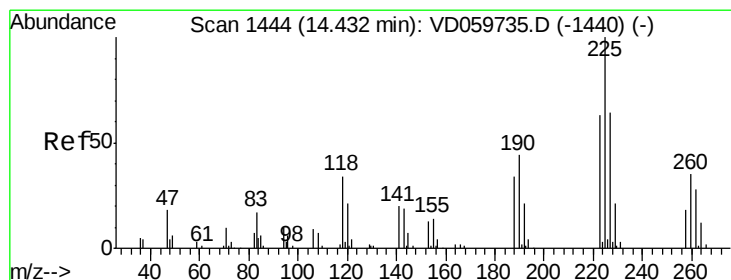
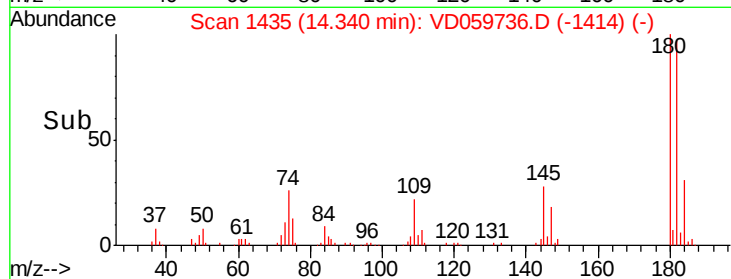
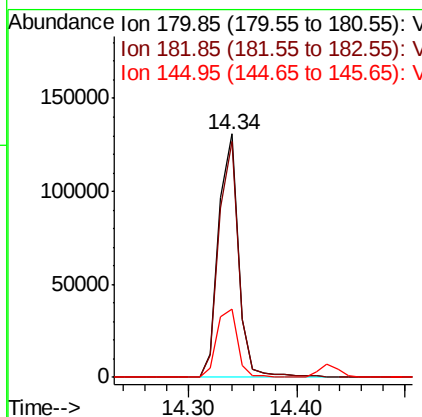
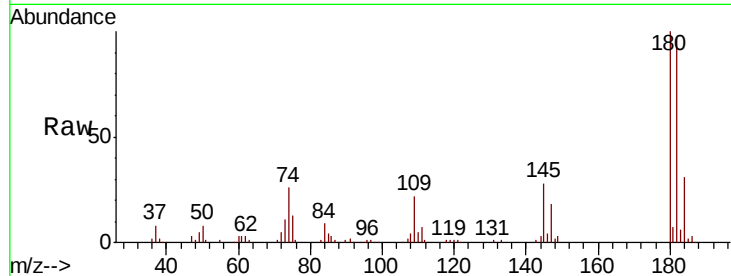




#93
 1,2,4-Trichlorobenzene
 Concen: 73.754 ug/l
 RT: 14.34 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

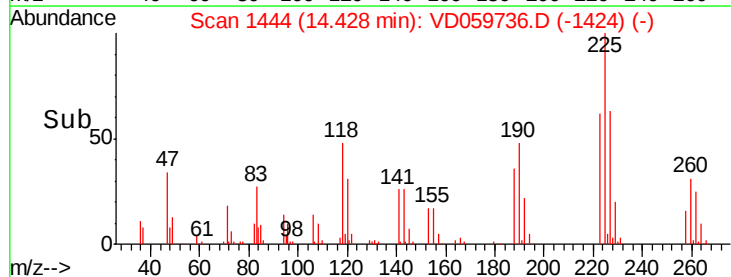
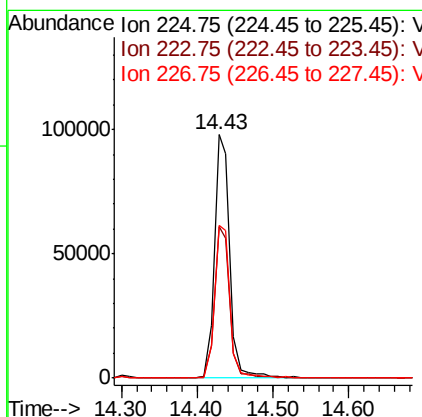
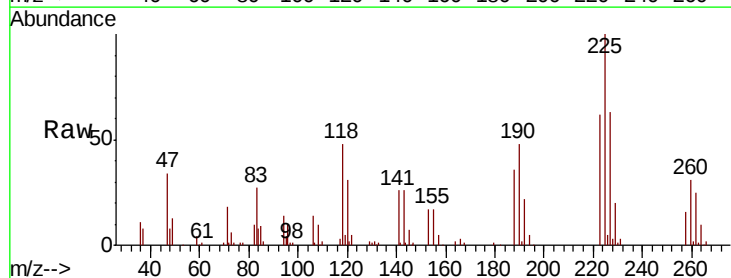
Instrument :
 MSVOA_D
 ClientSampleId :

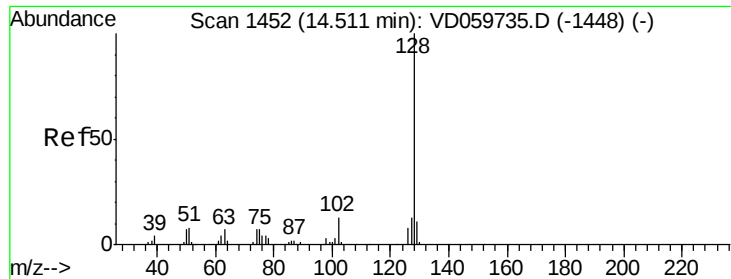
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.1	141.4
145	28.0	15.8	47.3



#94
 Hexachlorobutadiene
 Concen: 79.327 ug/l
 RT: 14.43 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VD059736.D
 Acq: 10 Aug 2018 18:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.5	94.5
227	62.6	32.1	96.3

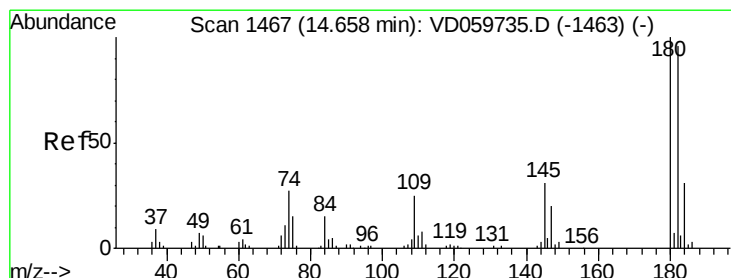
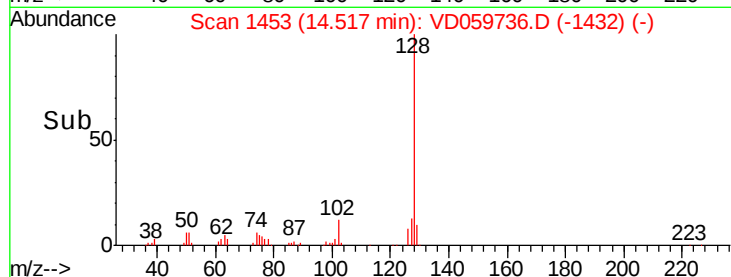
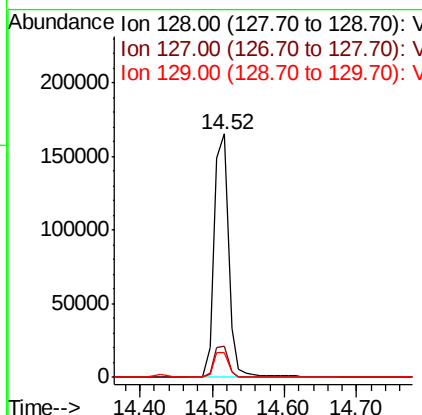
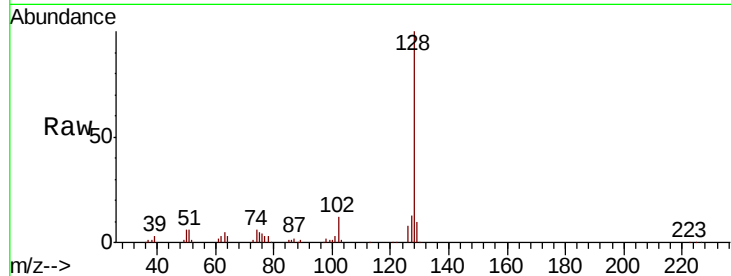




#95
Naphthalene
Concen: 68.639 ug/l
RT: 14.52 min Scan# 1453
Delta R.T. 0.01 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 228111
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 74.483 ug/l
RT: 14.65 min Scan# 1467
Delta R.T. -0.00 min
Lab File: VD059736.D
Acq: 10 Aug 2018 18:38

Tgt Ion:180 Resp: 146582
Ion Ratio Lower Upper
180 100
182 93.3 48.1 144.4
145 33.8 15.4 46.4

