

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059691.D
 Acq On : 6 Aug 2018 13:31
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 07 05:10:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	213453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	257503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	210999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	112810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.99	65	145070	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	5.52	113	126655	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	8.68	98	269904	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.92	95	127228	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	

Target Compounds

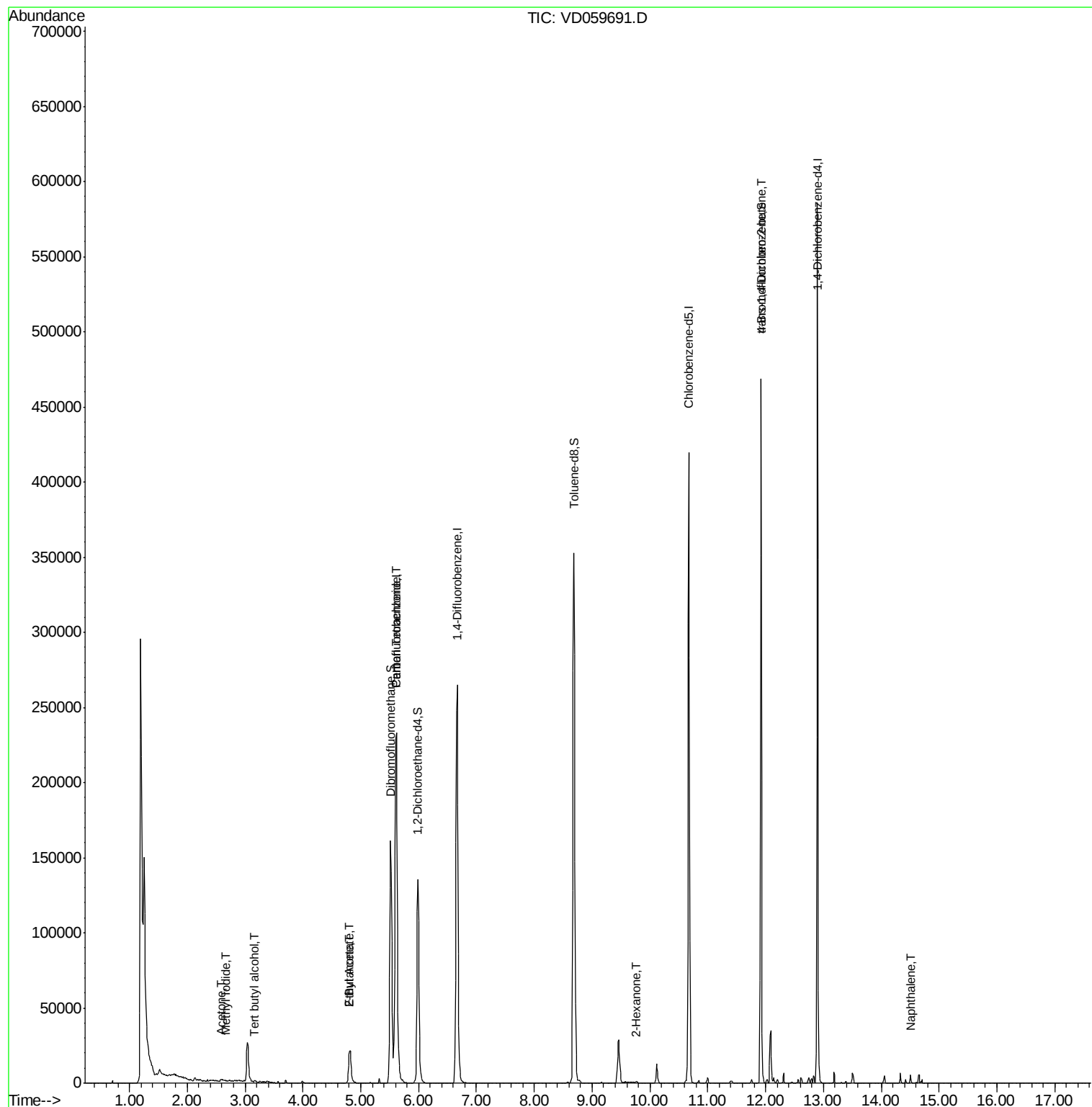
					Qvalue	
10) Methyl Iodide	2.66	142	472	1.953	ug/l #	26
11) Tert butyl alcohol	3.17	59	191	1.912	ug/l #	76
16) Acetone	2.59	43	2373	4.601	ug/l #	60
20) Methylene Chloride	3.05	84	12495	Below Cal		88
25) 2-Butanone	4.81	43	2611	3.854	ug/l #	59
31) Cyclohexane	5.61	56	5725	Below Cal	#	7
37) Ethyl Acetate	4.81	43	2611	1.878	ug/l #	23
38) Carbon Tetrachloride	5.61	117	22183	5.790	ug/l #	17
59) 2-Hexanone	9.77	43	1375	1.382	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.92	75	66185	155.512	ug/l #	1
95) Naphthalene	14.51	128	4756	1.111	ug/l	98

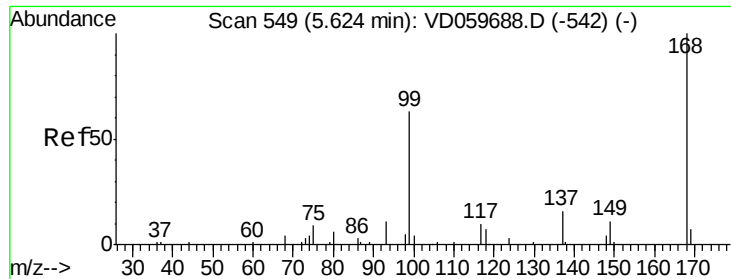
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080618\
Data File : VD059691.D
Acq On : 6 Aug 2018 13:31
Operator : VA/AP
Sample : VIBLK
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 07 05:10:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:08:29 2018
Response via : Initial Calibration

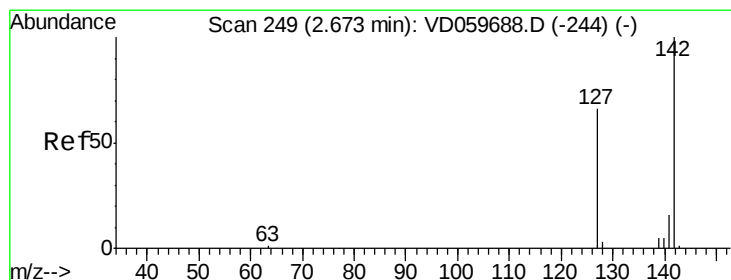
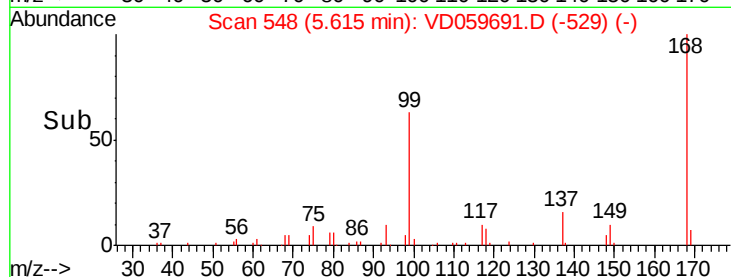
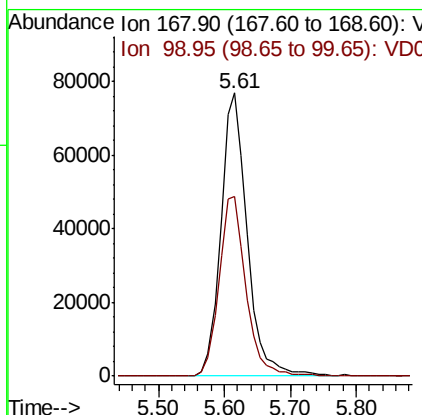
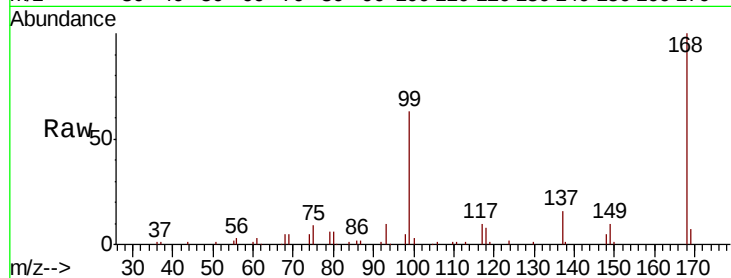




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

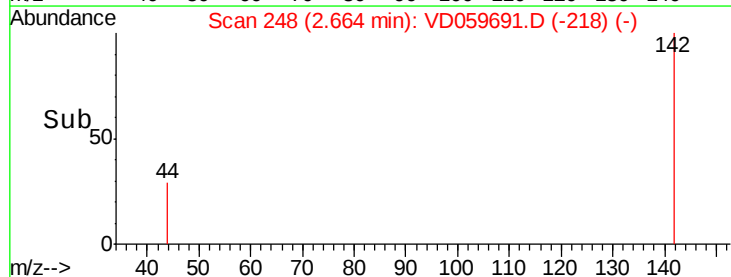
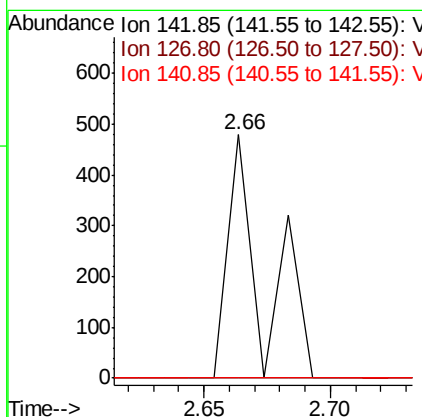
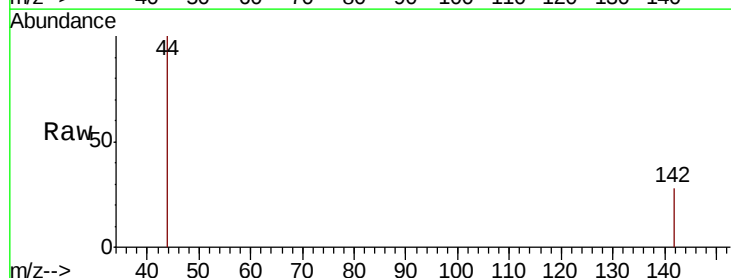
Instrument :
MSVOA_D
ClientSampleId :

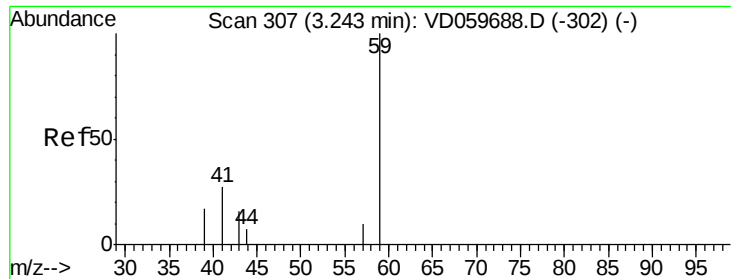
Tot Ion:168 Resp: 213453
Ion Ratio Lower Upper
168 100
99 63.5 53.4 80.2



#10
Methyl Iodide
Concen: 1.953 ug/l
RT: 2.66 min Scan# 248
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion:142 Resp: 472
Ion Ratio Lower Upper
142 100
127 0.0 52.6 79.0#
141 0.0 12.5 18.7#

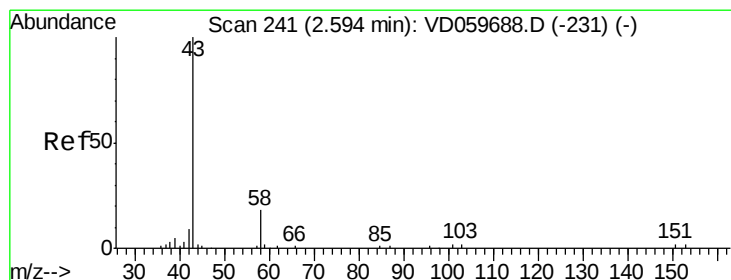
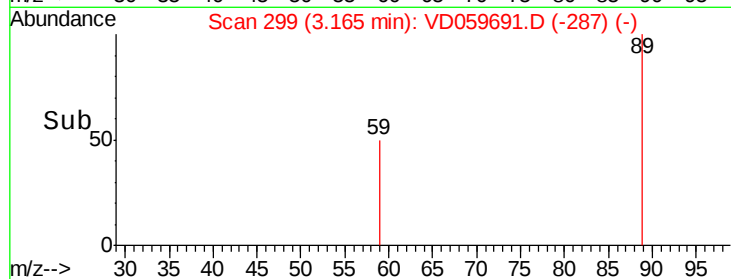
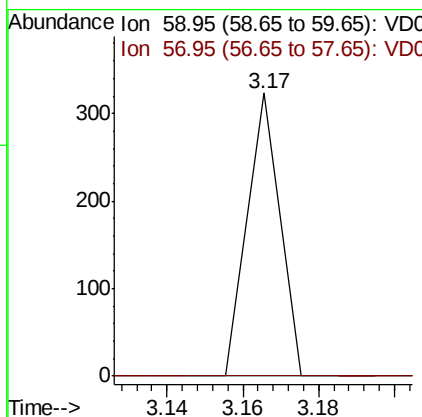
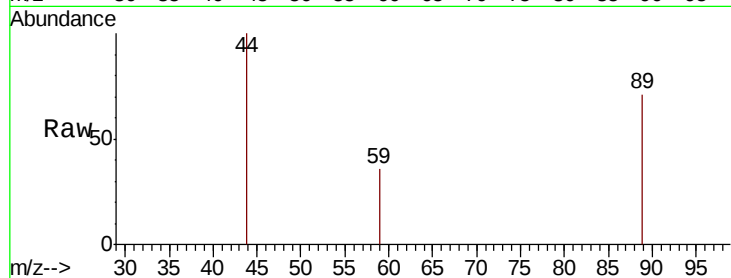




#11
Tert butyl alcohol
Concen: 1.912 ug/l
RT: 3.17 min Scan# 299
Delta R.T. -0.08 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

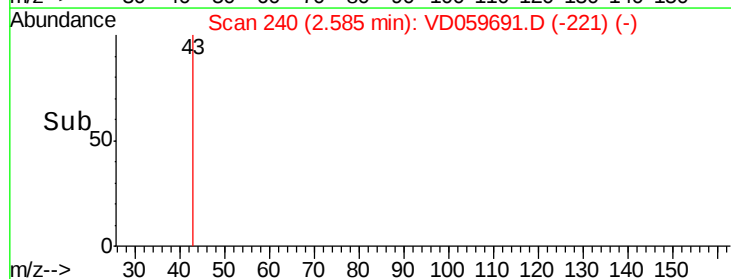
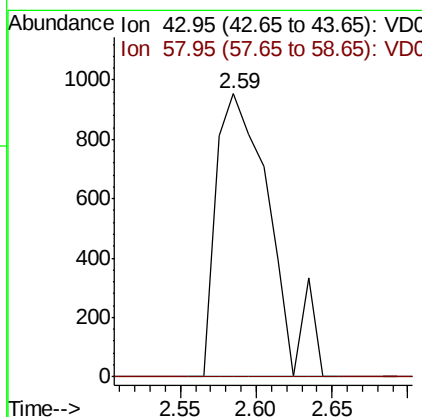
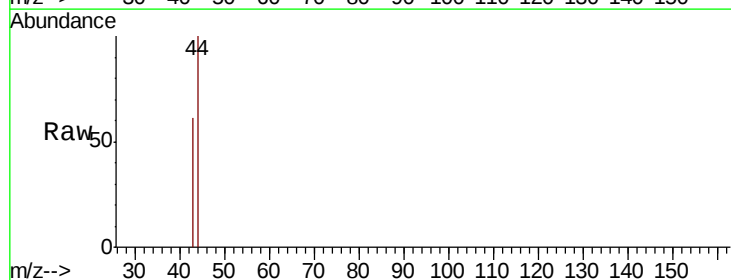
Instrument :
MSVOA_D
ClientSampleId :

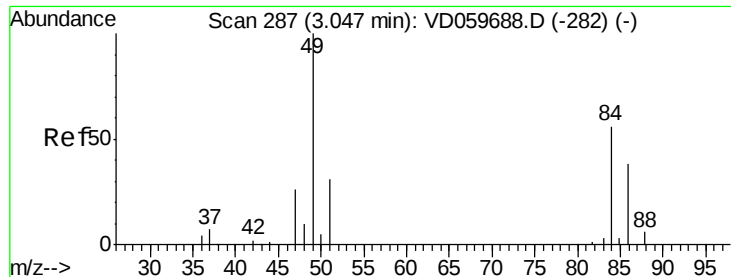
Tot Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 6.8 10.2#



#16
Acetone
Concen: 4.601 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 0.0 14.2 21.2#

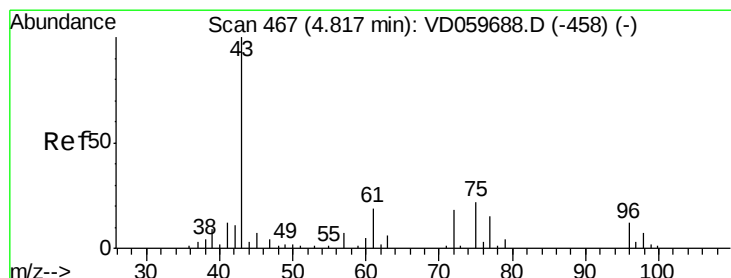
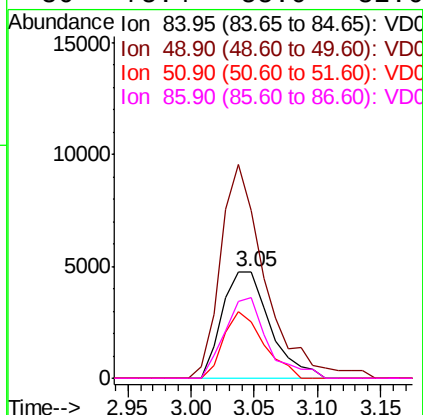
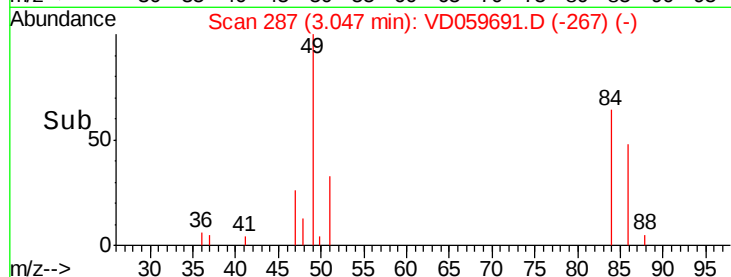
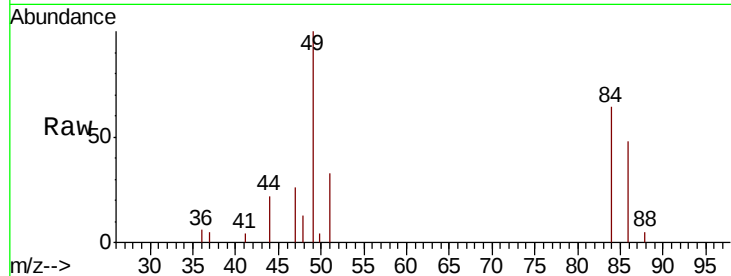




#20
Methvlene Chloride
Concen: Below Cal
RT: 3.05 min Scan# 287
Delta R.T. 0.00 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

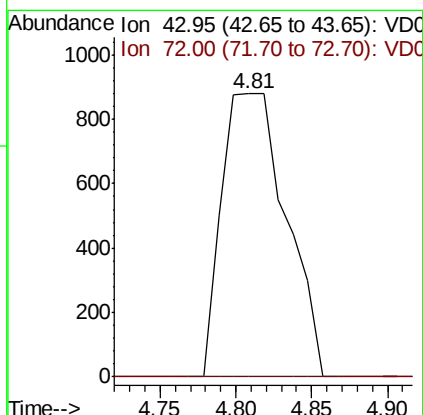
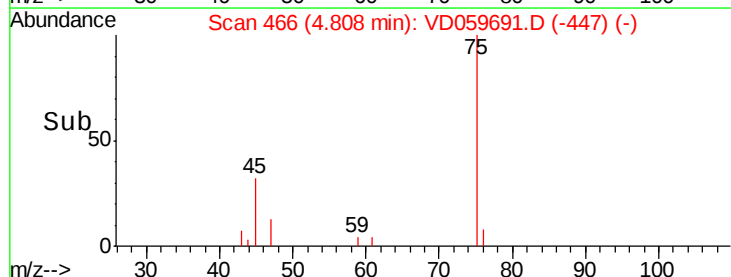
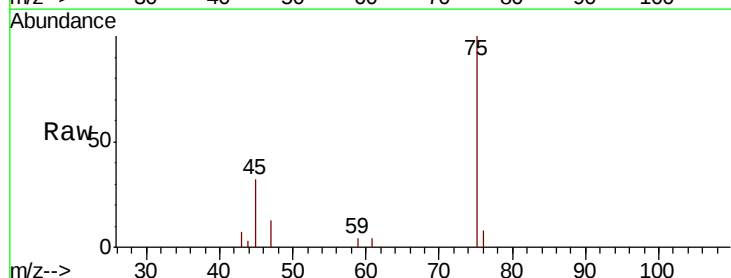
Instrument :
MSVOA_D
ClientSampled :

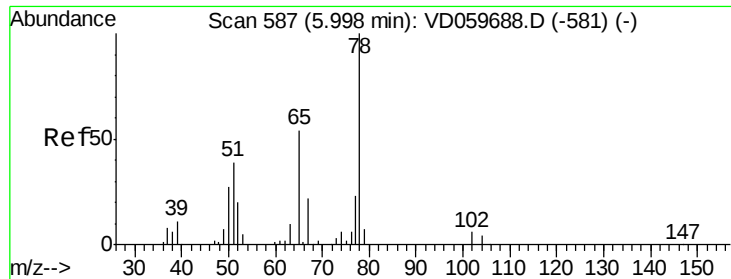
Tot Ion: 84 Resp: 12495
Ion Ratio Lower Upper
84 100
49 157.1 143.4 215.2
51 52.2 44.2 66.4
86 75.4 55.0 82.6



#25
2-Butanone
Concen: 3.854 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
72 0.0 14.6 21.8#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. -0.01 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

Instrument :

MSVOA_D

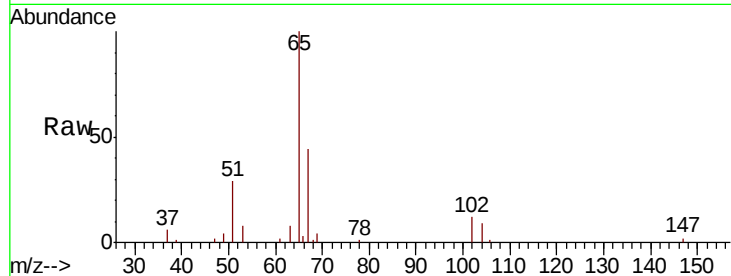
ClientSampleId :

Tot Ion: 65 Resp: 145070

Ion Ratio Lower Upper

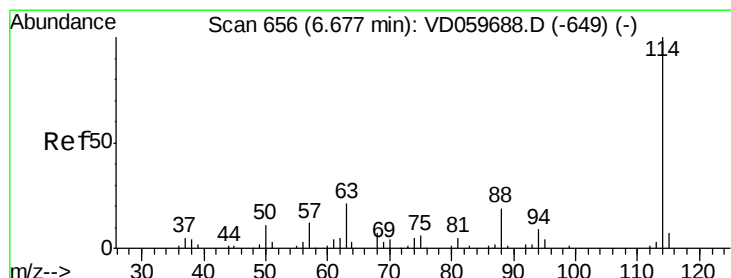
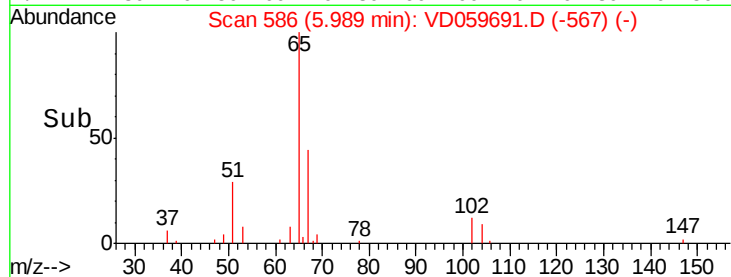
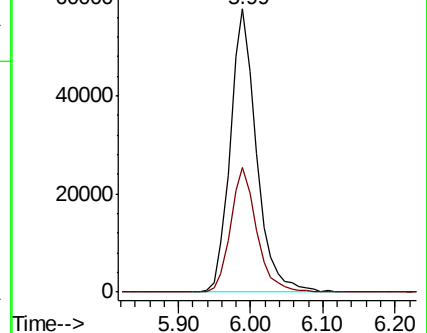
65 100

67 44.0 0.0 80.4



Abundance Ion 64.95 (64.65 to 65.65): V

Ion 66.90 (66.60 to 67.60): V



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.01 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

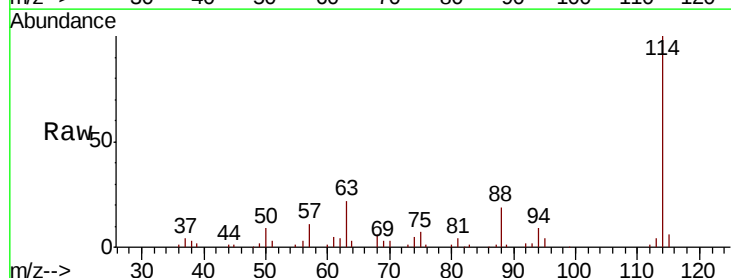
Tgt Ion:114 Resp: 257503

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

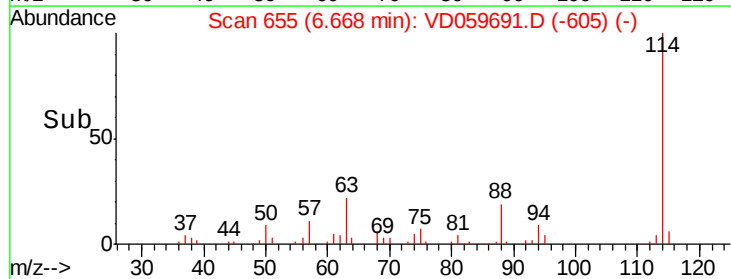
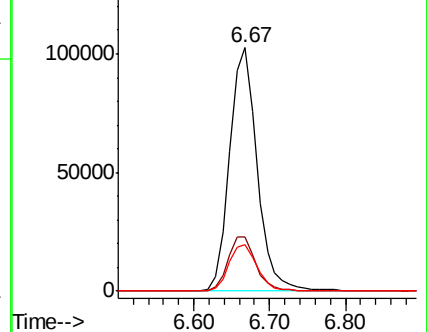
88 19.3 0.0 38.8

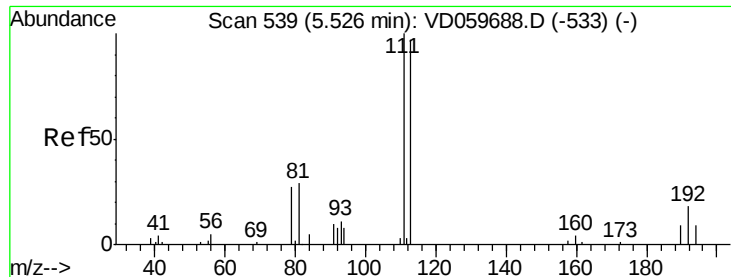


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

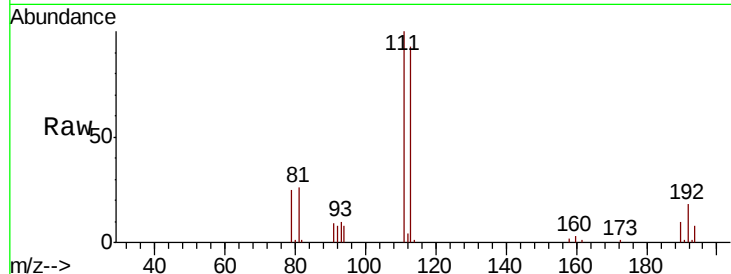




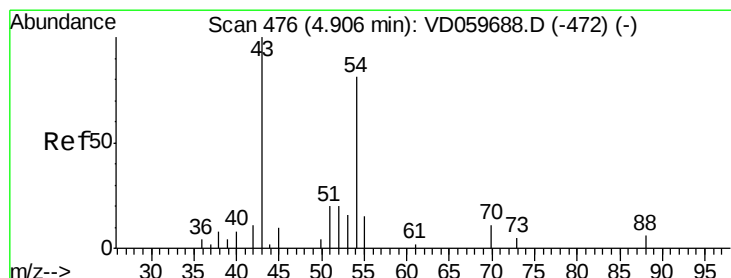
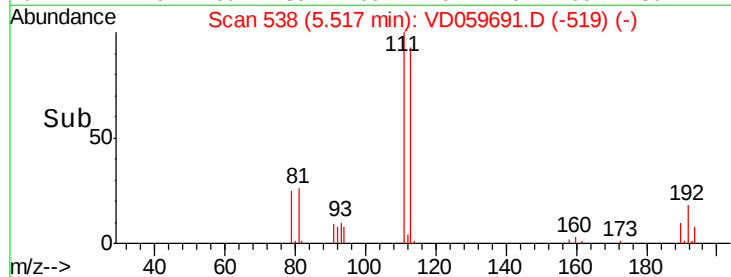
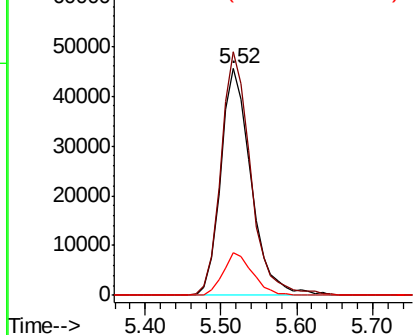
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.52 min Scan# 538
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.5	82.8	124.2
192	19.1	14.6	22.0

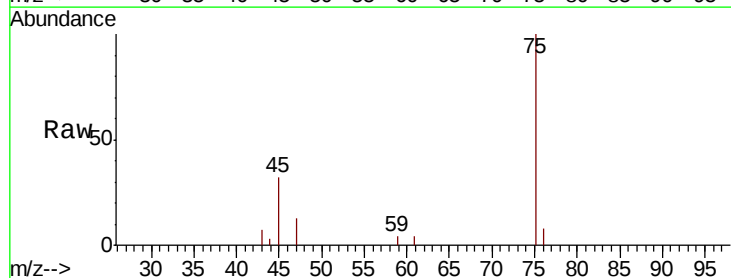


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

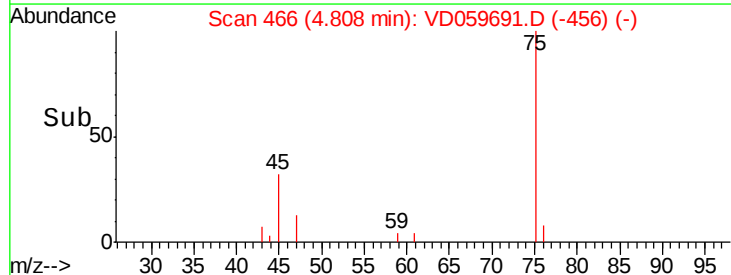
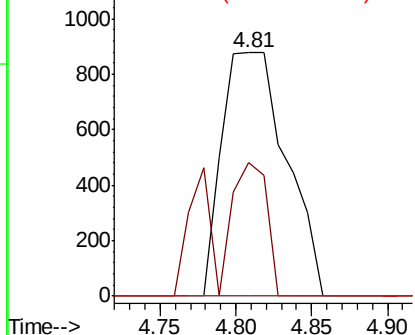


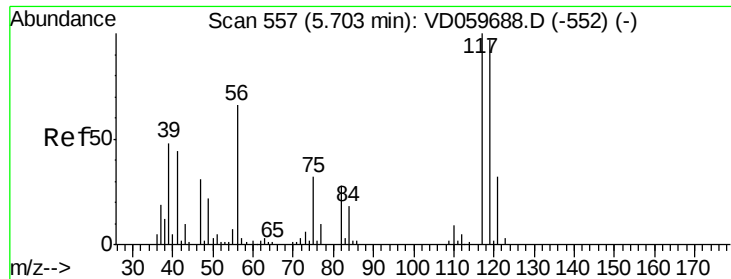
#37
Ethyl Acetate
Concen: 1.878 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.10 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	55.0	10.1	15.1#
70	0.0	5.4	8.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

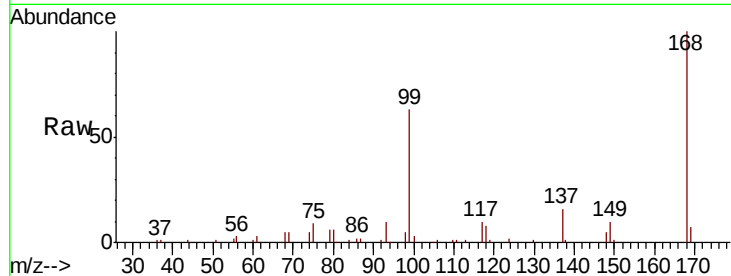




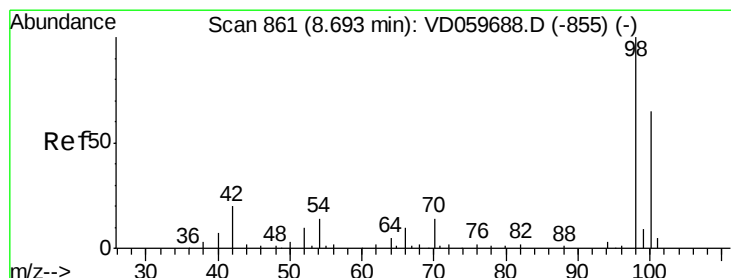
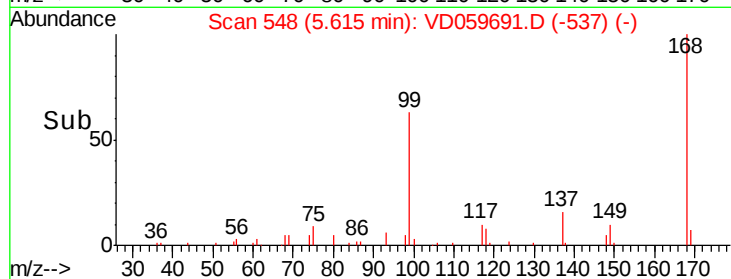
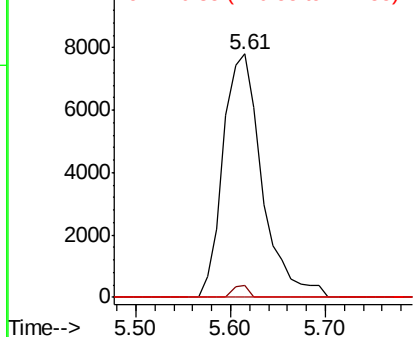
#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.09 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 22183
Ion Ratio Lower Upper
117 100
119 5.1 75.3 112.9#
121 0.0 24.4 36.6#

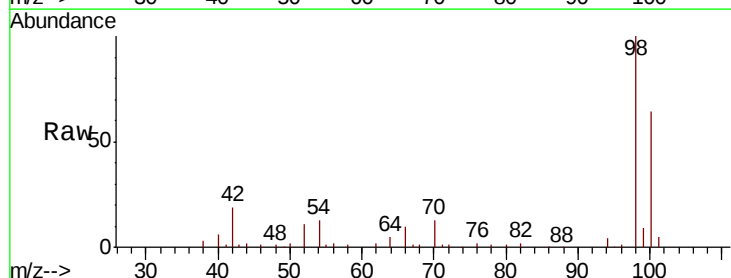


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

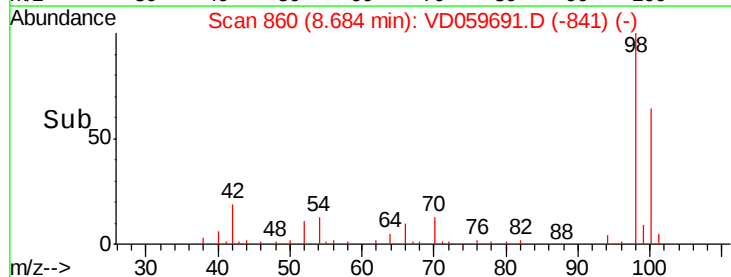
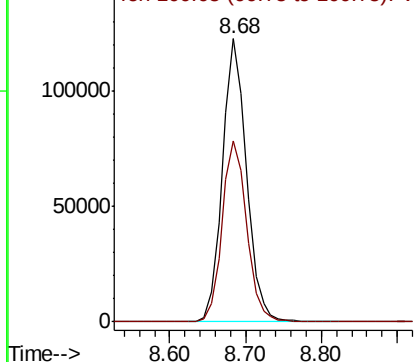


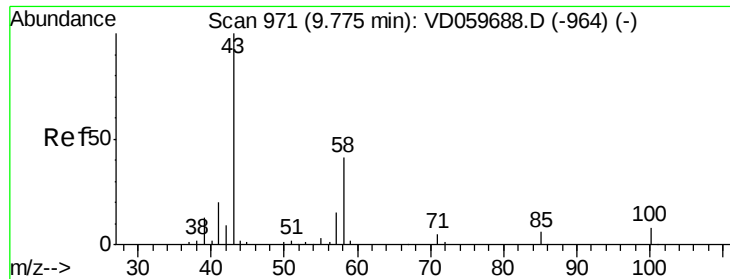
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. -0.01 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion: 98 Resp: 269904
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7



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





#59

2-Hexanone

Concen: 1.382 ug/l

RT: 9.77 min Scan# 970

Delta R.T. -0.01 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

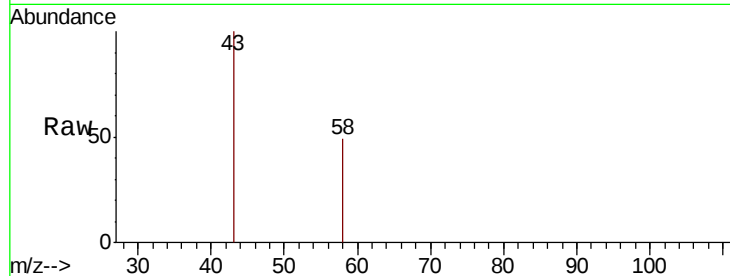
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 1375

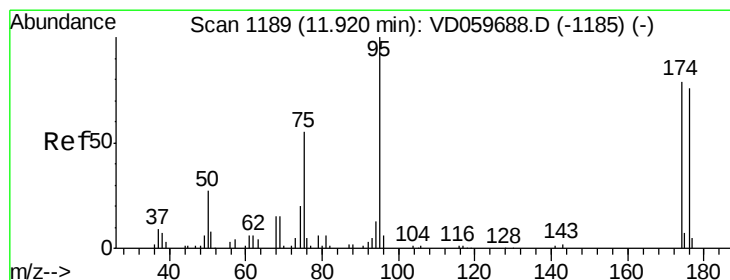
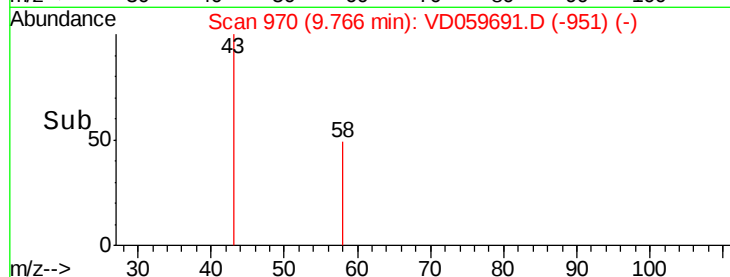
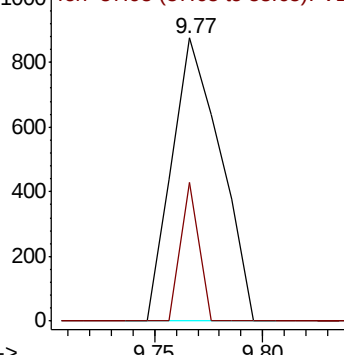
Ion Ratio Lower Upper

43 100

58 49.3 20.4 61.3



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



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

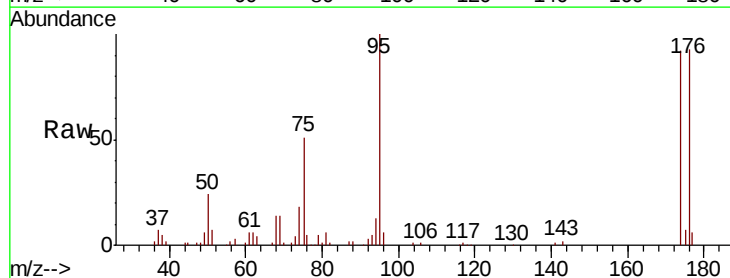
Tgt Ion: 95 Resp: 127228

Ion Ratio Lower Upper

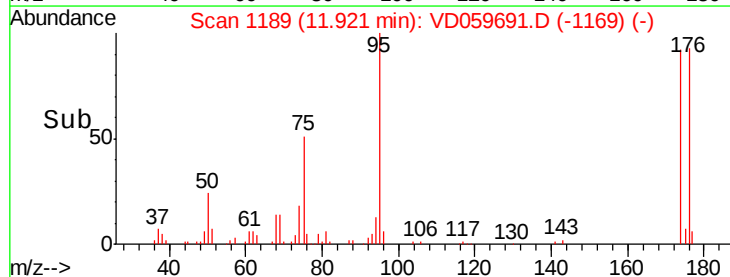
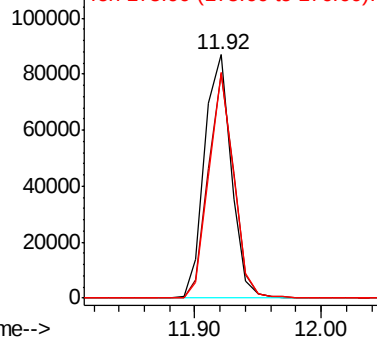
95 100

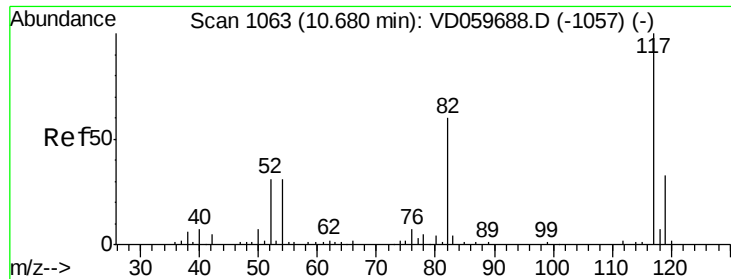
174 92.1 0.0 158.4

176 92.7 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.67 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

Instrument :

MSVOA_D

ClientSampleId :

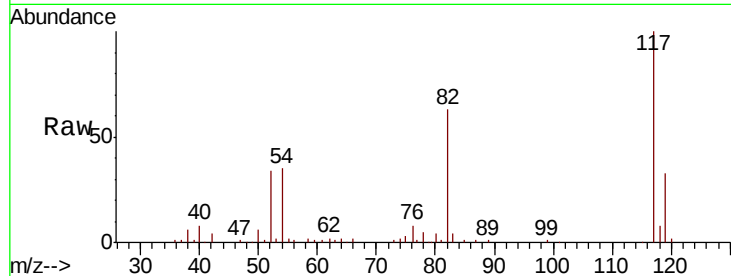
Tot Ion:117 Resp: 210999

Ion Ratio Lower Upper

117 100

82 63.1 47.7 71.5

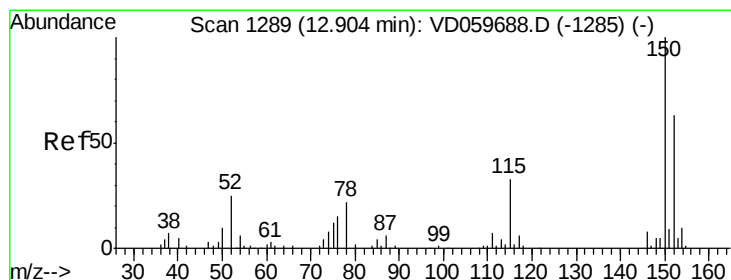
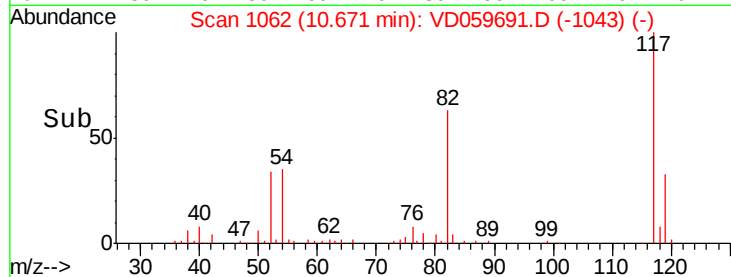
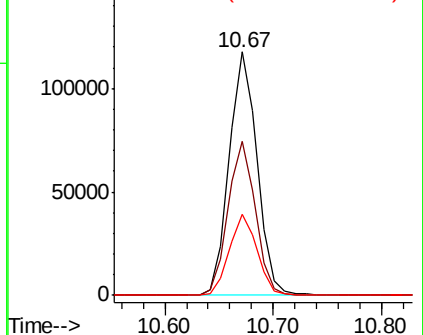
119 33.2 26.6 40.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.89 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059691.D

Acq: 6 Aug 2018 13:31

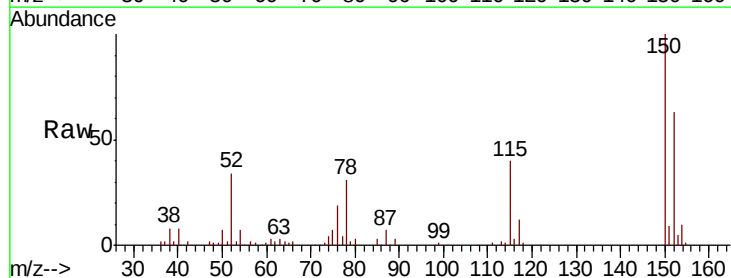
Tgt Ion:152 Resp: 112810

Ion Ratio Lower Upper

152 100

115 63.2 28.8 86.4

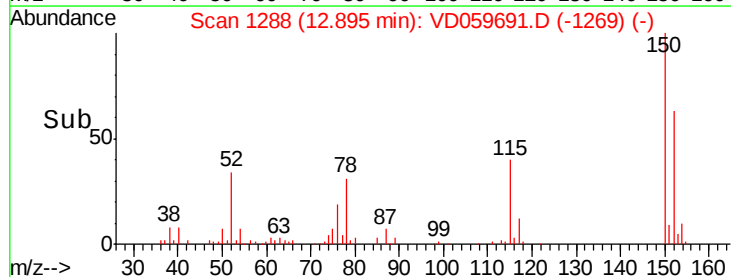
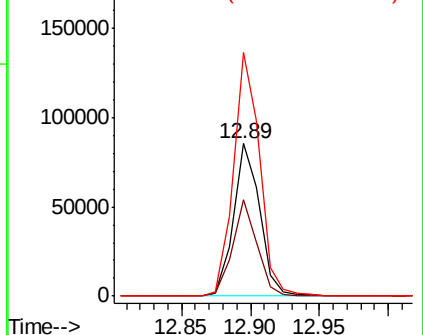
150 159.9 0.0 318.0

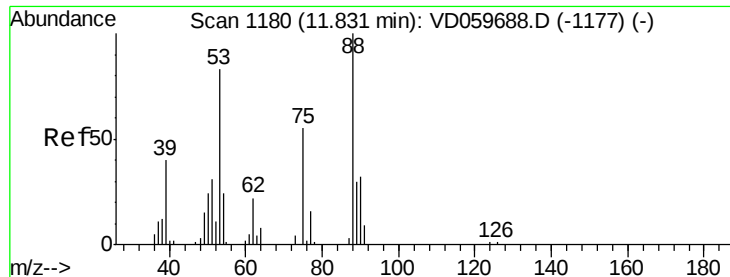


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

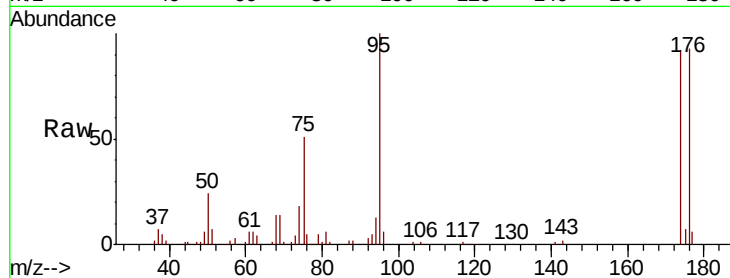




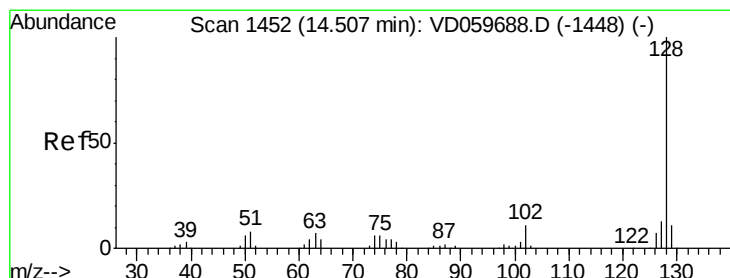
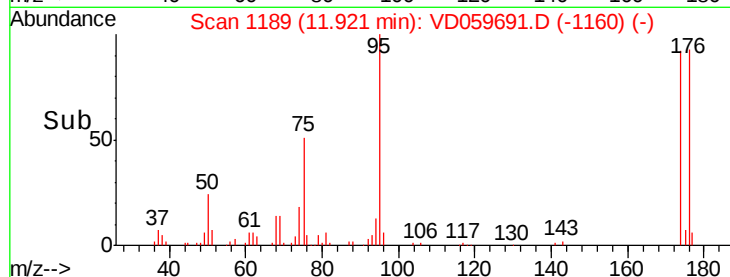
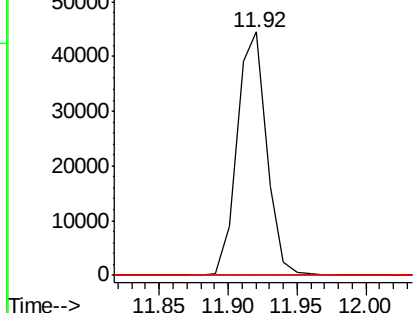
#81
trans-1,4-Dichloro-2-butene
Concen: 155.512 ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 66185
Ion Ratio Lower Upper
75 100
53 0.0 120.5 180.7#
89 0.0 44.4 66.6#

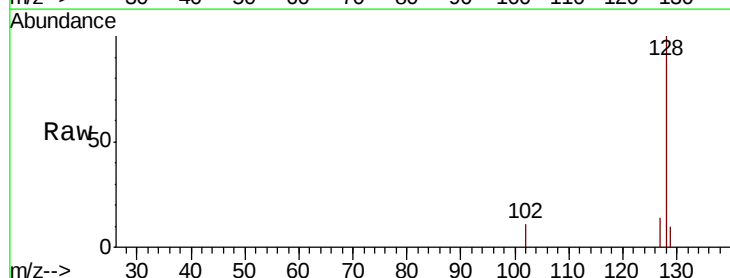


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#95
Naphthalene
Concen: 1.111 ug/l
RT: 14.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD059691.D
Acq: 6 Aug 2018 13:31

Tgt Ion:128 Resp: 4756
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 9.7 8.8 13.2



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

