

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
 Data File : VD059811.D
 Acq On : 16 Aug 2018 15:25
 Operator : VA/AP
 Sample : J4460-01
 Misc : 5.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-FL-001

Quant Time: Aug 17 01:09:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	91177	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.66	114	134359	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	116676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	60889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	81946	69.95	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	139.90%	
35) Dibromofluoromethane	5.52	113	60454	51.63	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	103.26%	
50) Toluene-d8	8.69	98	118278	42.65	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	11.92	95	54808	44.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.24%	

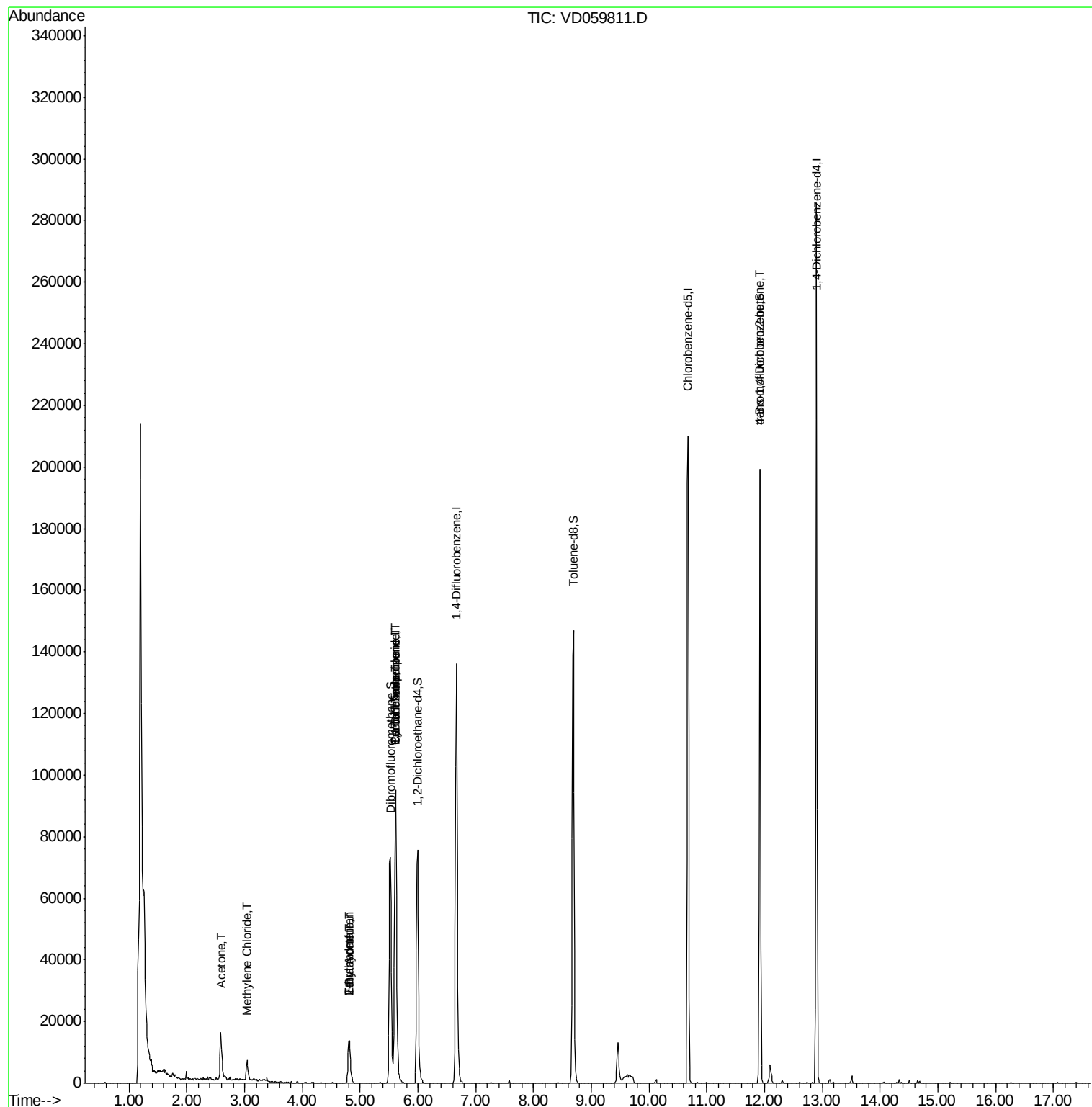
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	28017	151.543	ug/l	94
20) Methylene Chloride	3.04	84	2346	1.693	ug/l #	85
25) 2-Butanone	4.80	43	9411	33.259	ug/l	96
29) Tetrahydrofuran	4.81	42	191	1.582	ug/l #	1
31) Cyclohexane	5.60	56	1575	1.324	ug/l #	14
36) 1,1-Dichloropropene	5.61	75	7499	5.440	ug/l #	43
37) Ethyl Acetate	4.80	43	9411	13.650	ug/l #	72
38) Carbon Tetrachloride	5.61	117	8173	4.914	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.92	75	27217	134.659	ug/l #	1

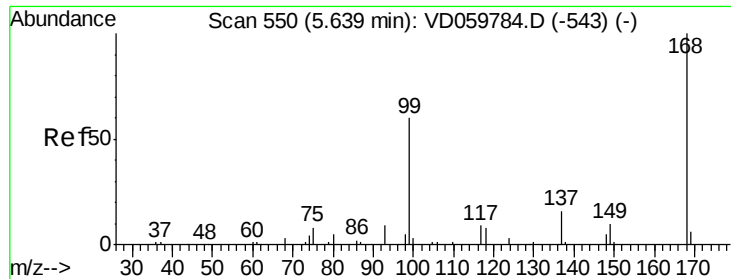
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
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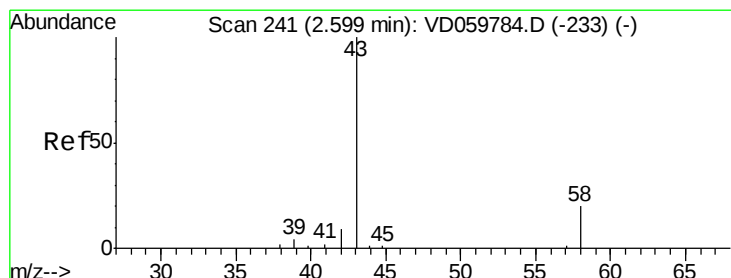
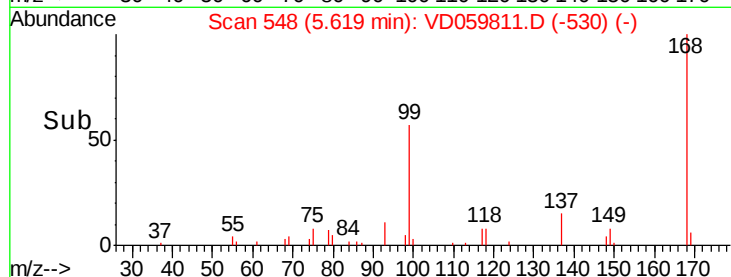
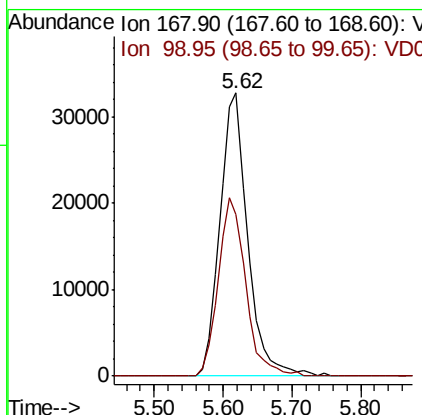
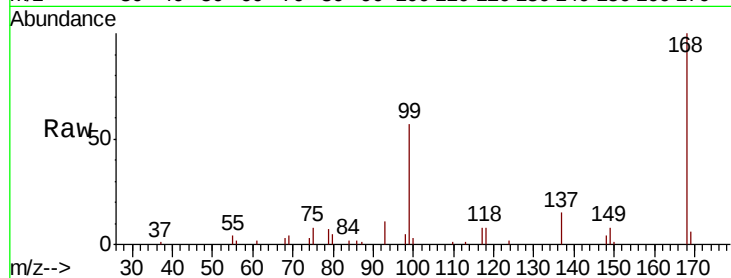




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

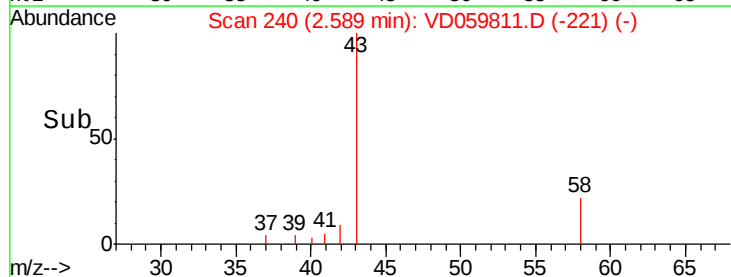
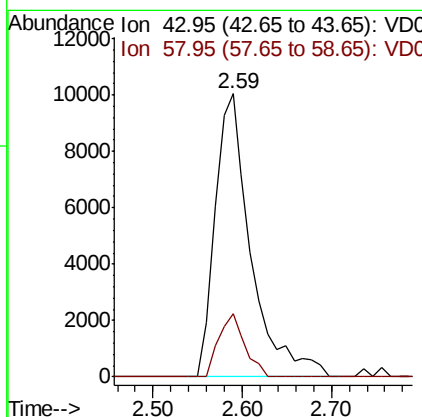
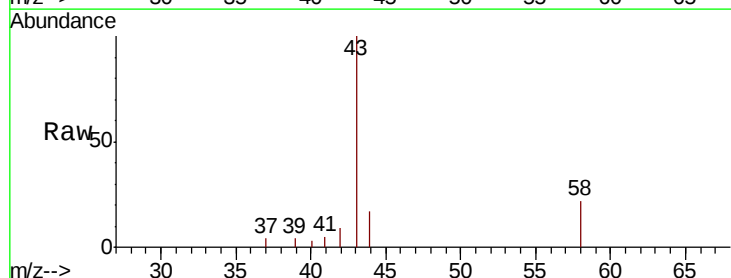
Instrument :
MSVOA_D
ClientSampleId :
RA-080918-FL-001

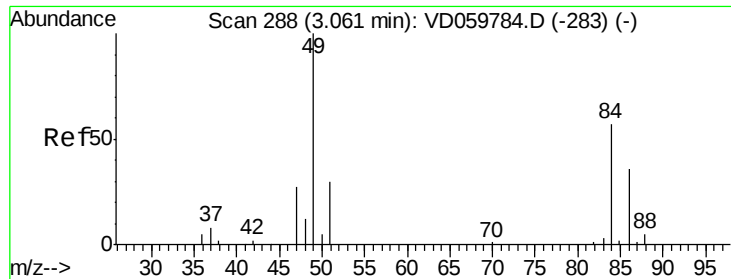
Tgt Ion:168 Resp: 91177
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#16
Acetone
Concen: 151.543 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 43 Resp: 28017
Ion Ratio Lower Upper
43 100
58 22.2 15.7 23.5

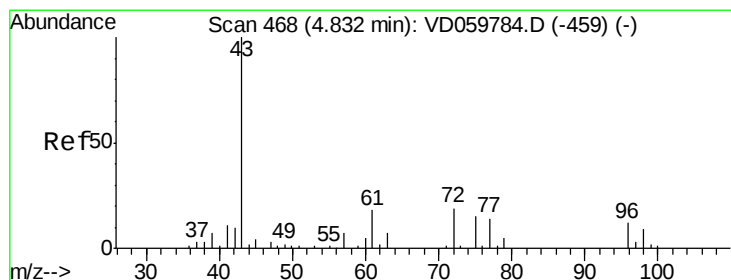
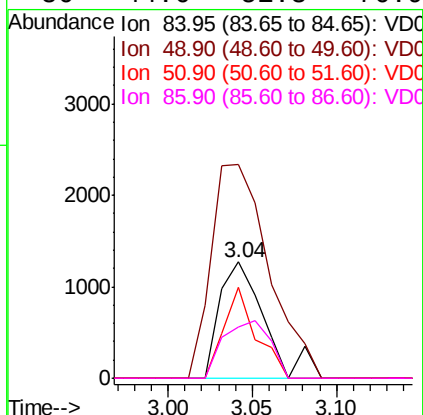
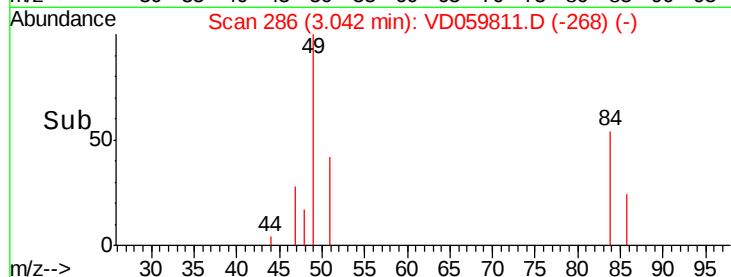
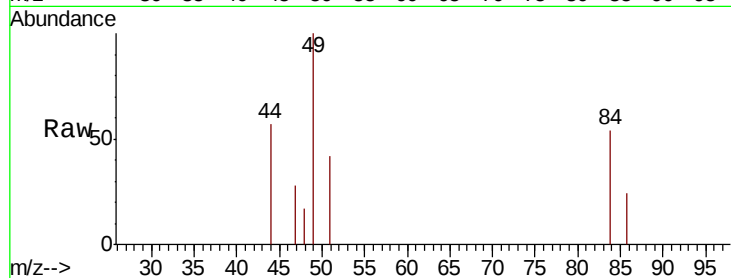




#20
Methylene Chloride
Concen: 1.693 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

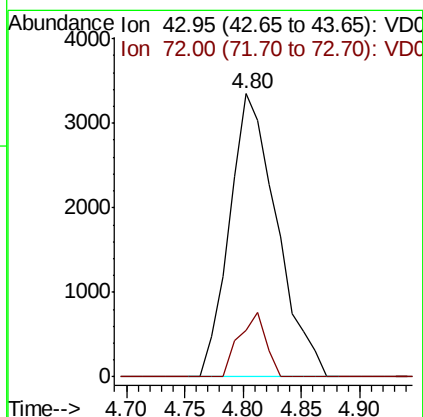
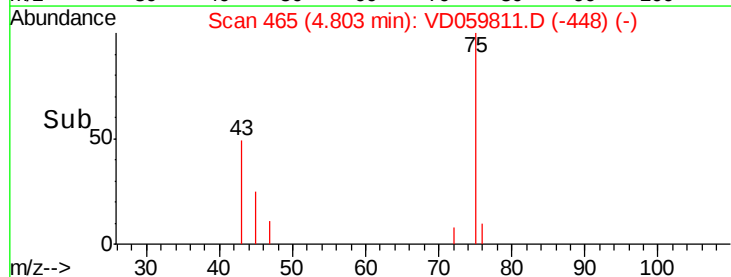
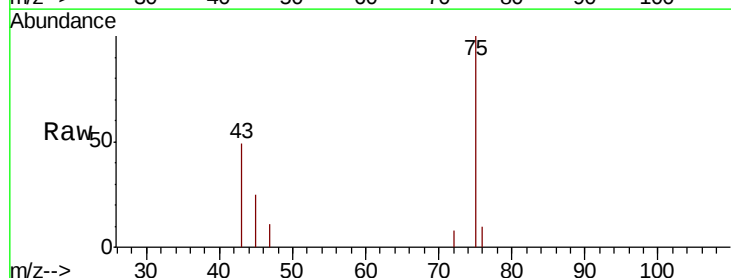
Instrument :
MSVOA_D
ClientSampleId :
RA-080918-FL-001

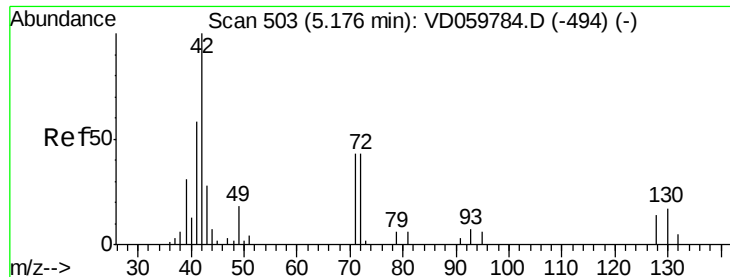
Tgt Ion: 84 Resp: 2346
Ion Ratio Lower Upper
84 100
49 183.7 140.9 211.3
51 77.7 42.8 64.2#
86 44.6 51.3 76.9#



#25
2-Butanone
Concen: 33.259 ug/l
RT: 4.80 min Scan# 465
Delta R.T. -0.03 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 43 Resp: 9411
Ion Ratio Lower Upper
43 100
72 16.7 14.9 22.3





#29

Tetrahydrofuran

Concen: 1.582 ug/l

RT: 4.81 min Scan# 466

Delta R.T. -0.36 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-FL-001

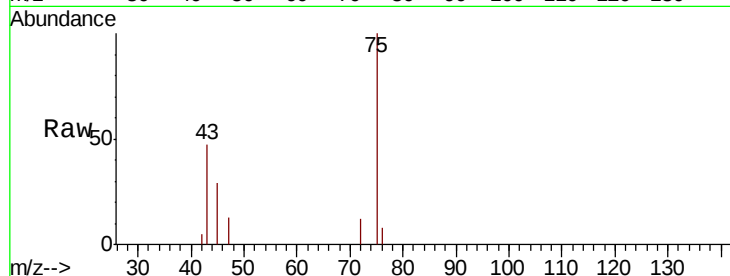
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

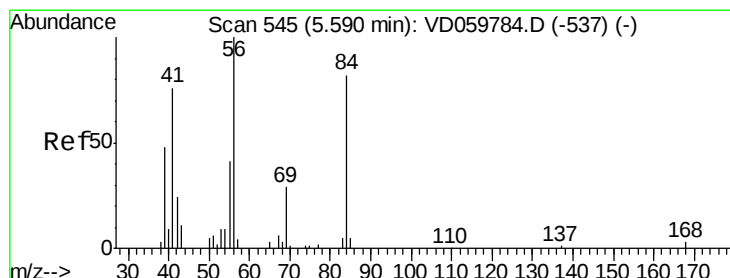
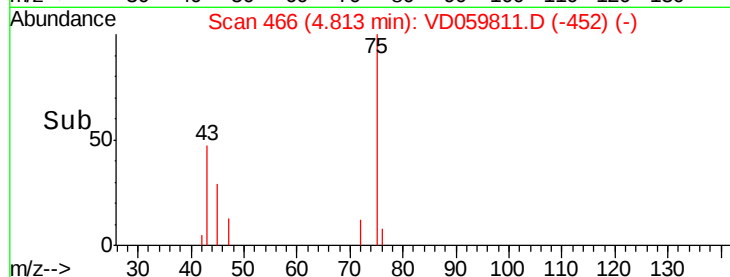
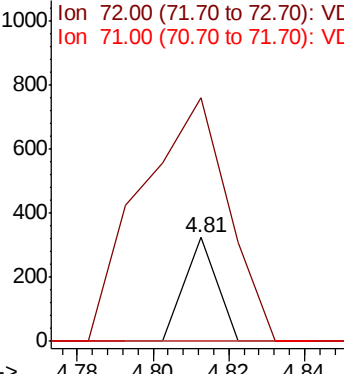
42 100

72 635.6 34.3 51.5#

71 0.0 33.0 49.6#



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



#31

Cyclohexane

Concen: 1.324 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.01 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

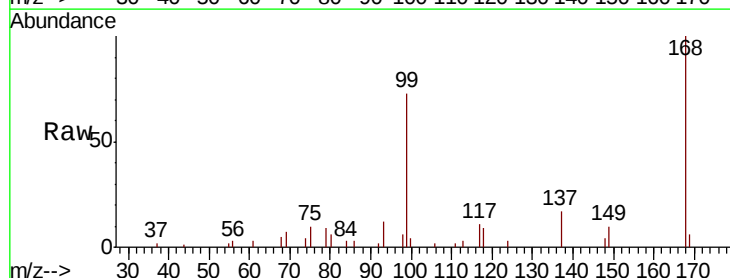
Tgt Ion: 56 Resp: 1575

Ion Ratio Lower Upper

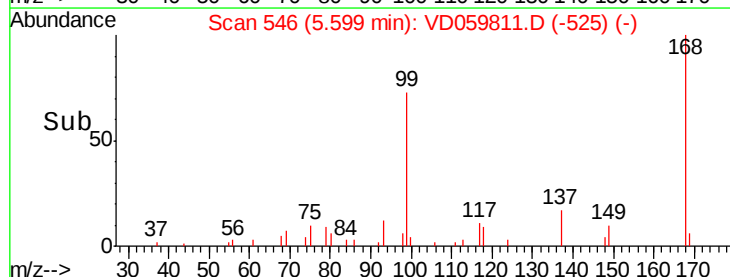
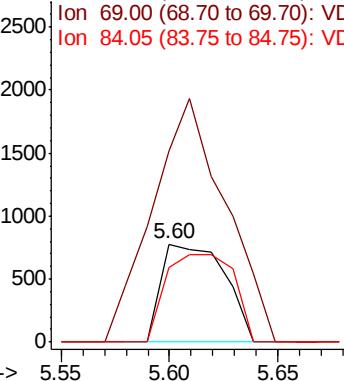
56 100

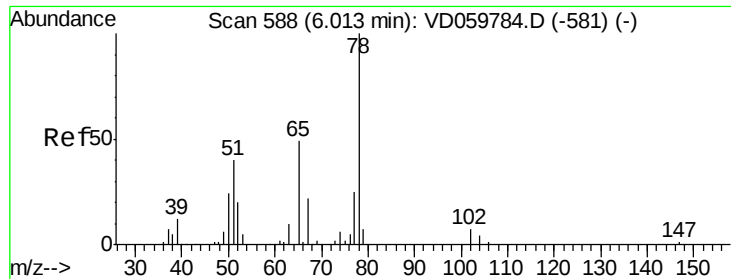
69 196.1 23.4 35.2#

84 77.0 65.4 98.2



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

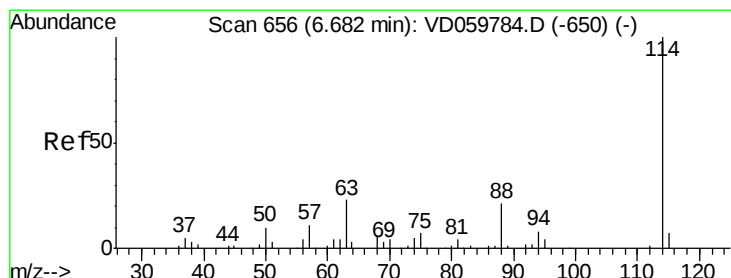
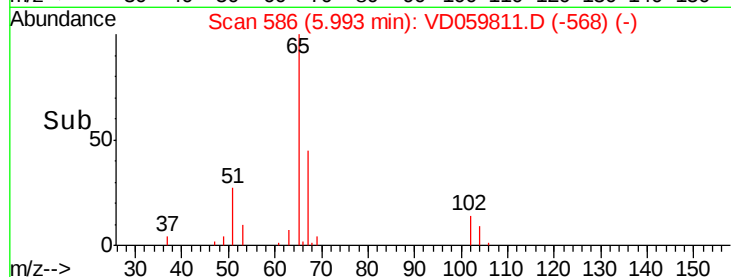
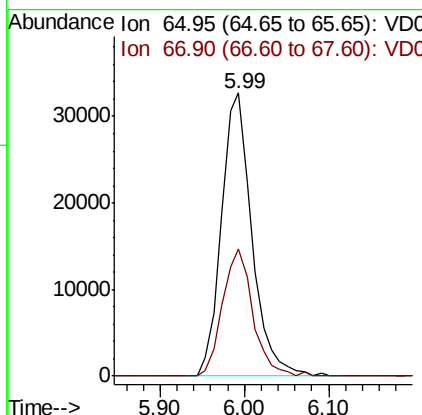
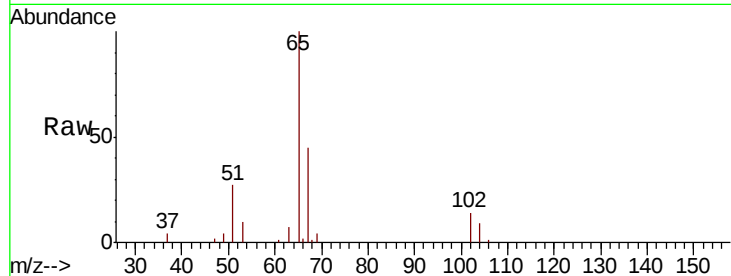




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

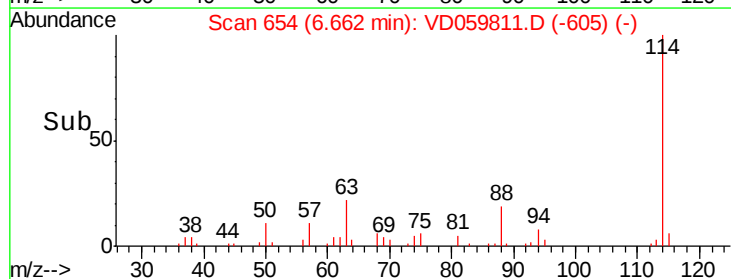
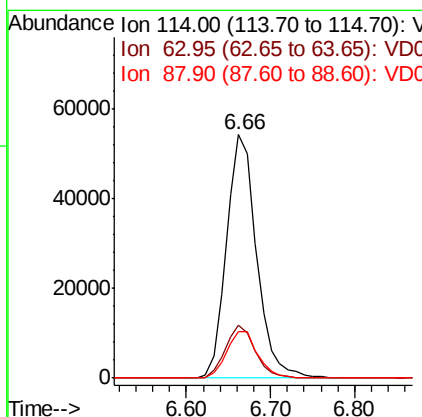
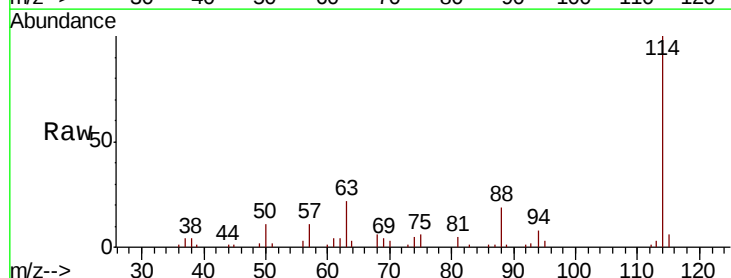
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-FL-001

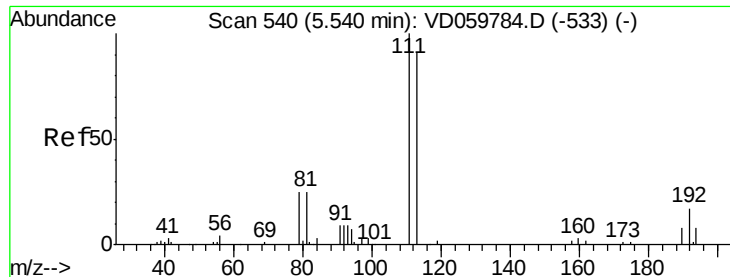
Tgt Ion: 65 Resp: 81946
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059811.D
 Acq: 16 Aug 2018 15:25

Tgt Ion: 114 Resp: 134359
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 18.9 0.0 41.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.52 min Scan# 538

Delta R.T. -0.02 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-FL-001

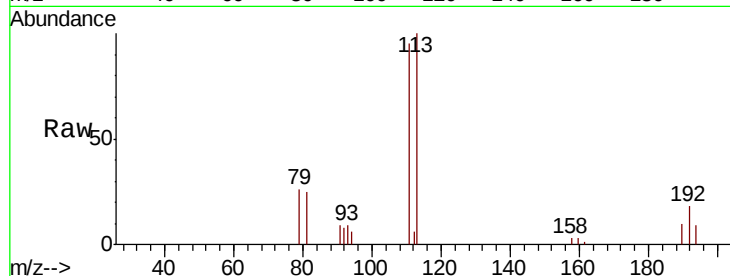
Tgt Ion:113 Resp: 60454

Ion Ratio Lower Upper

113 100

111 94.8 87.7 131.5

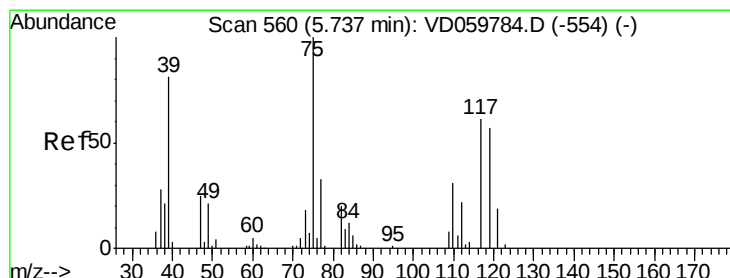
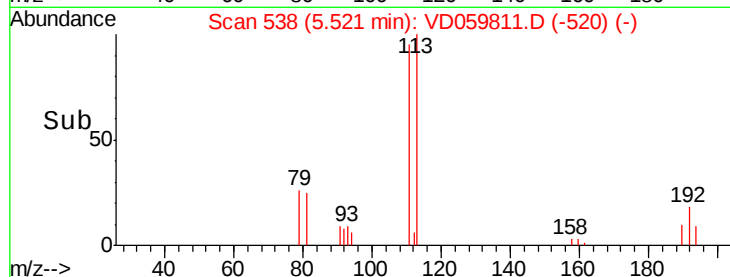
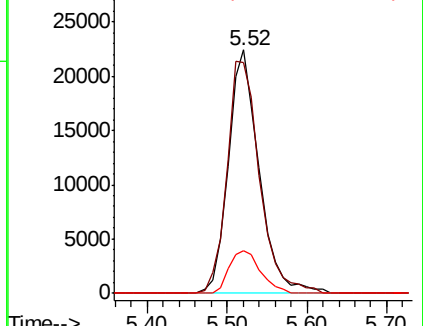
192 17.6 14.6 21.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.440 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.13 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

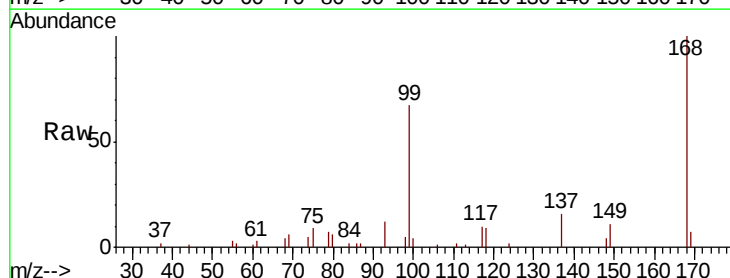
Tgt Ion: 75 Resp: 7499

Ion Ratio Lower Upper

75 100

110 0.0 15.3 45.8#

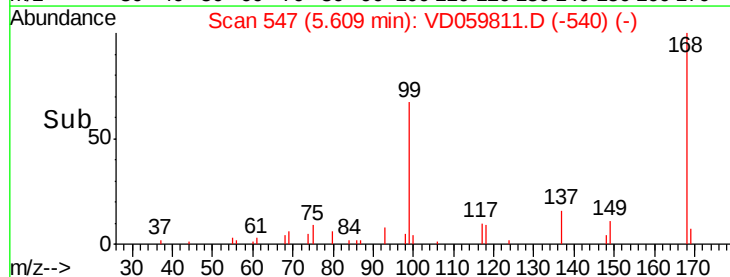
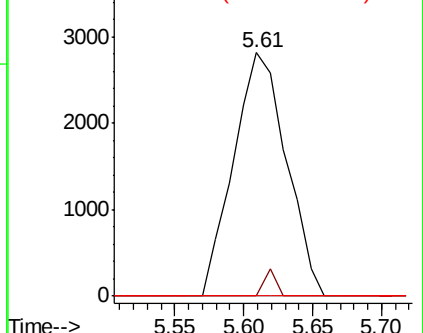
77 0.0 26.2 39.4#

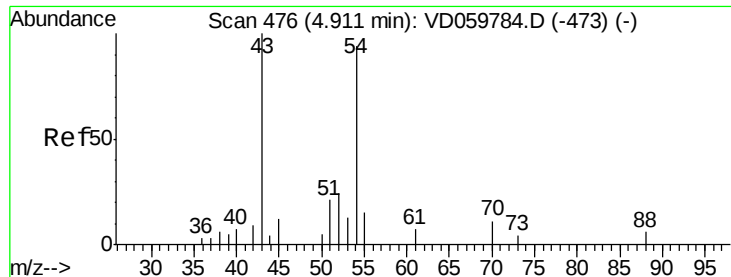


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

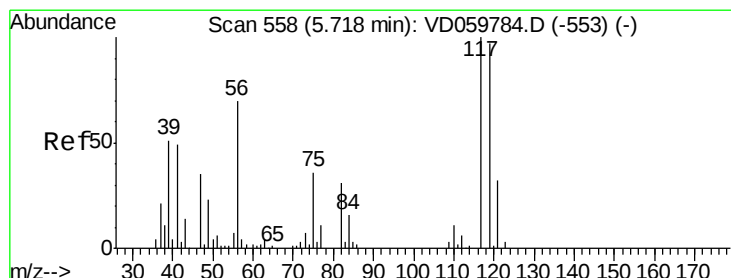
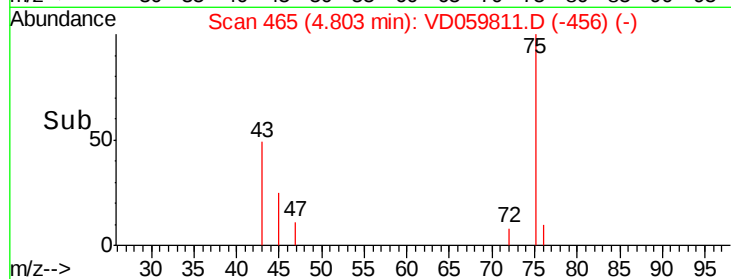
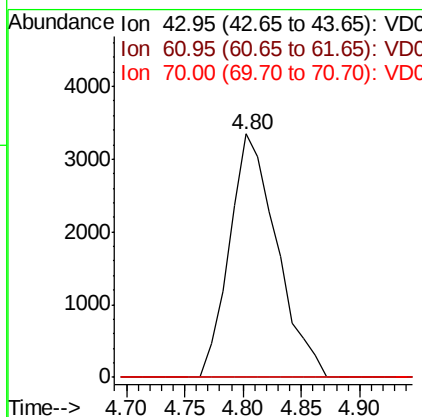
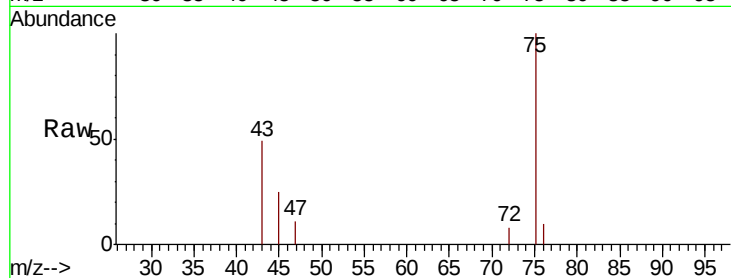




#37
Ethyl Acetate
Concen: 13.650 ug/l
RT: 4.80 min Scan# 465
Delta R.T. -0.11 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

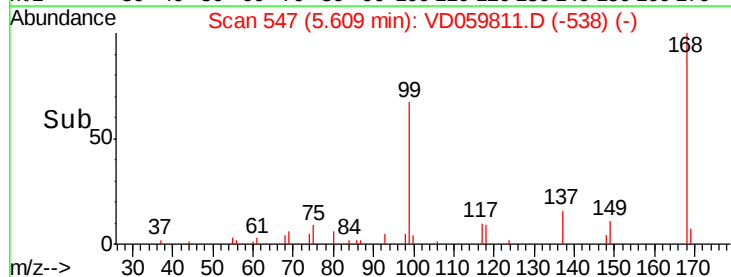
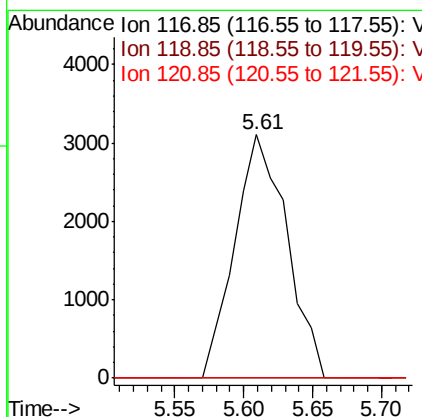
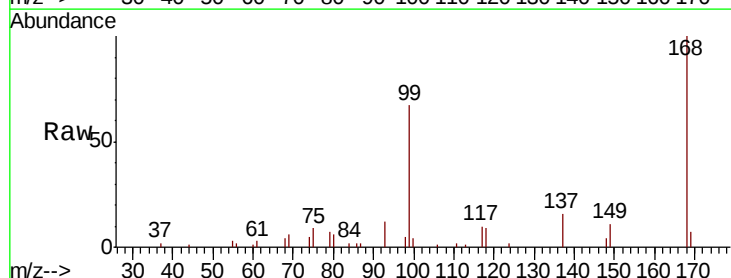
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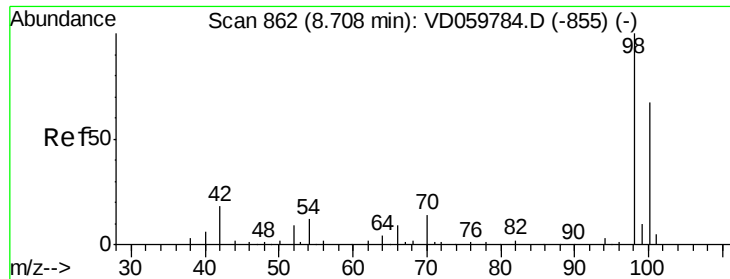
Tgt Ion: 43 Resp: 9411
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 5.8 8.8#



#38
Carbon Tetrachloride
Concen: 4.914 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.11 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 117 Resp: 8173
Ion Ratio Lower Upper
117 100
119 0.0 75.7 113.5#
121 0.0 24.7 37.1#

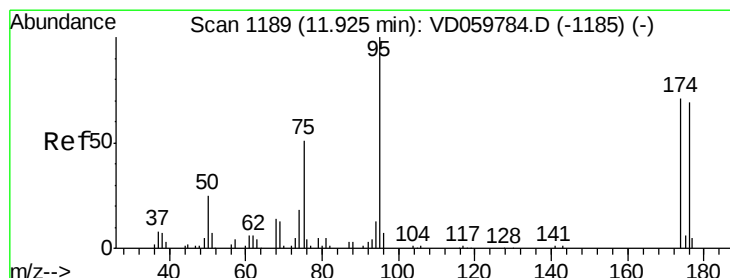
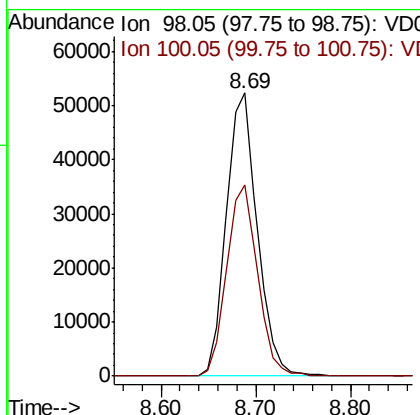
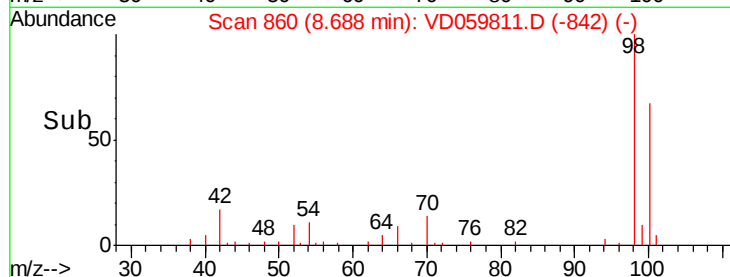
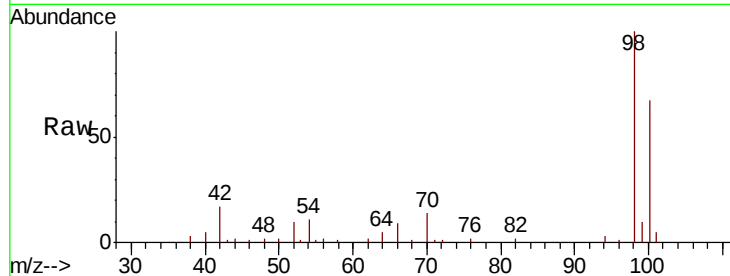




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

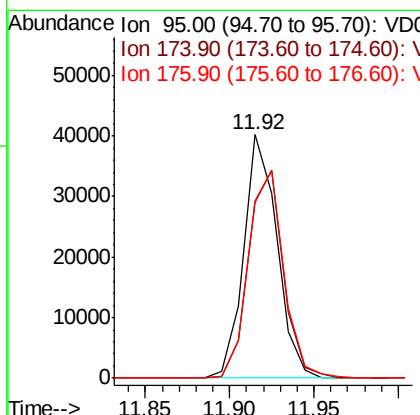
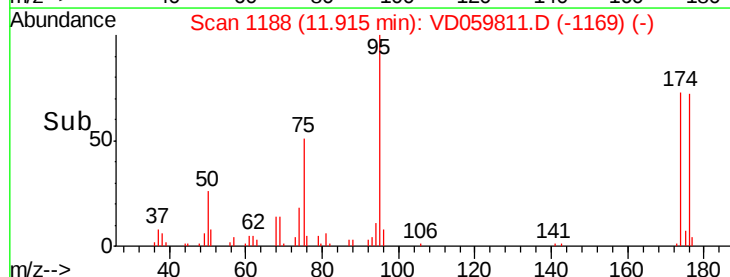
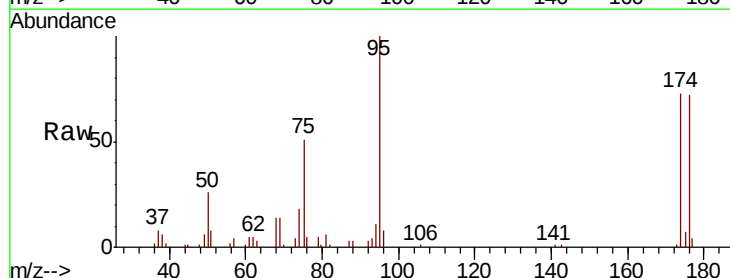
Instrument :
MSVOA_D
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RA-080918-FL-001

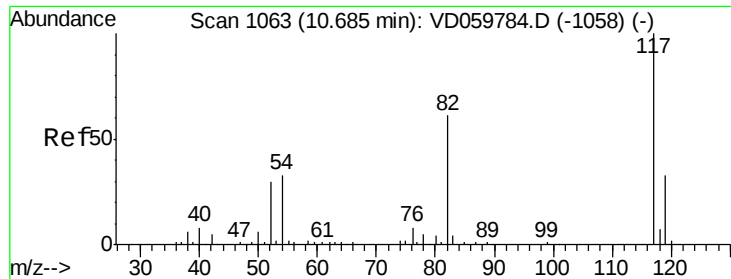
Tgt Ion: 98 Resp: 118278
Ion Ratio Lower Upper
98 100
100 67.4 54.2 81.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059811.D
Acq: 16 Aug 2018 15:25

Tgt Ion: 95 Resp: 54808
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.2
176 72.0 0.0 137.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-FL-001

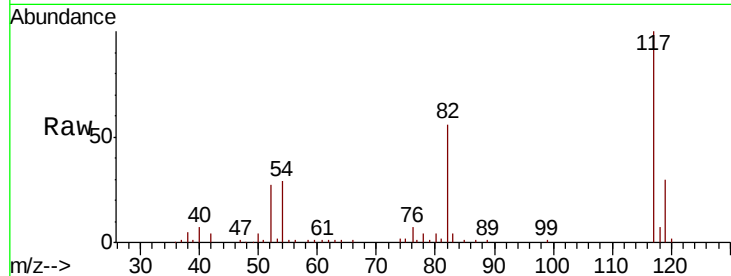
Tgt Ion:117 Resp: 116676

Ion Ratio Lower Upper

117 100

82 55.6 49.0 73.6

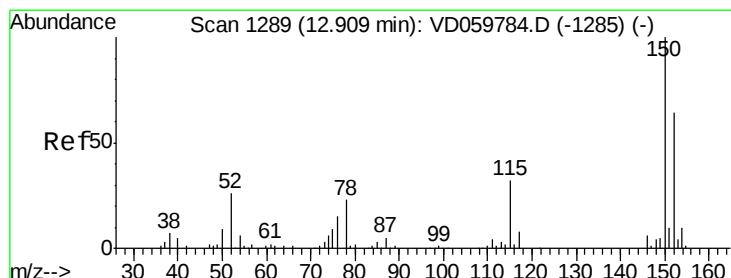
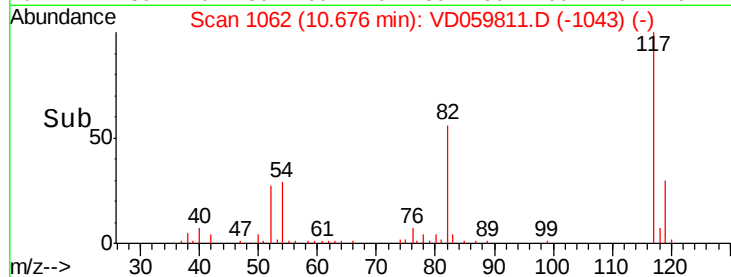
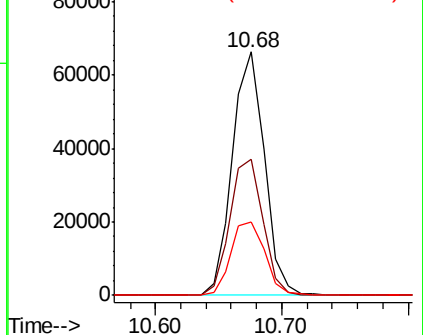
119 30.3 26.2 39.2



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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

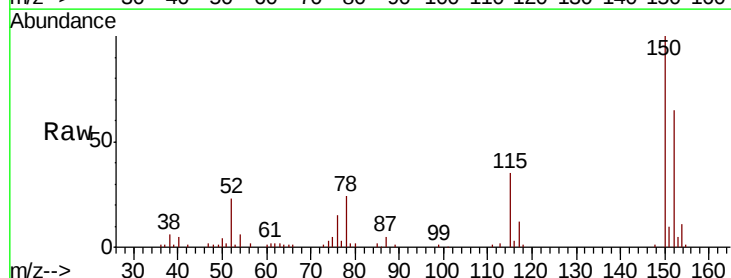
Tgt Ion:152 Resp: 60889

Ion Ratio Lower Upper

152 100

115 53.3 27.2 81.5

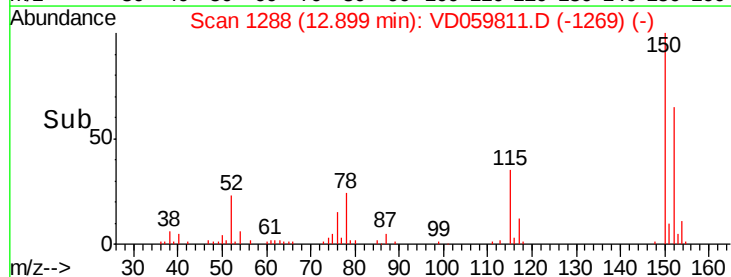
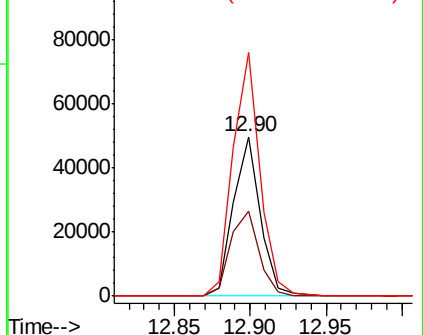
150 152.7 0.0 312.4

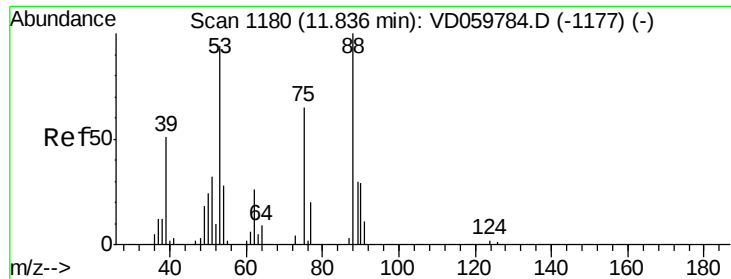


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 134.659 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD059811.D

Acq: 16 Aug 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-FL-001

Tgt Ion: 75 Resp: 27217

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#

