

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059773.D
 Acq On : 14 Aug 2018 18:14
 Operator : VA/AP
 Sample : J4443-01RE
 Misc : 2.11g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 10:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	241638	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.68	114	329660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	266151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	125911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	171079	45.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	5.54	113	156295	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
50) Toluene-d8	8.70	98	338843	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.92	95	142202	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	

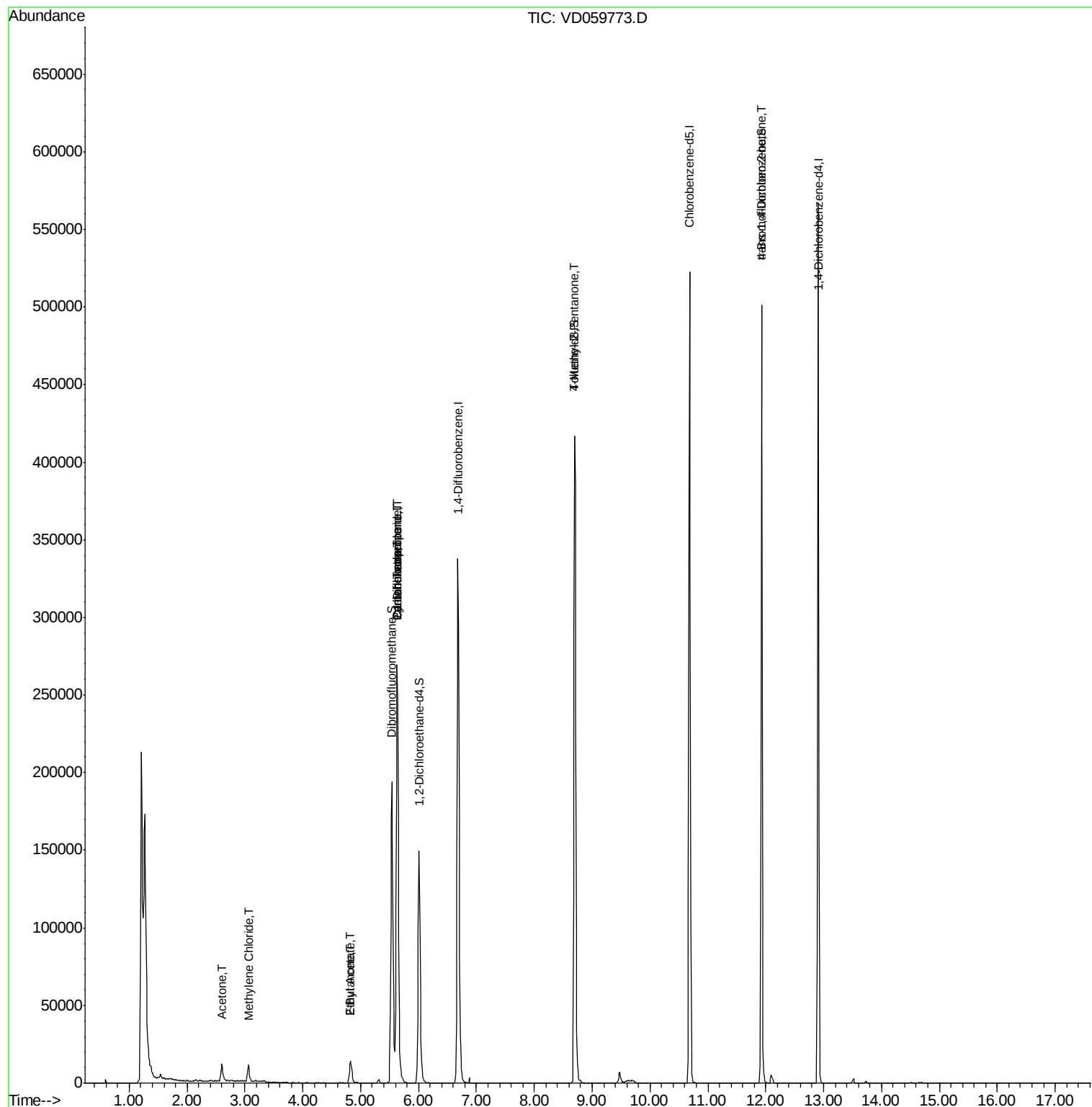
Target Compounds					Qvalue	
16) Acetone	2.60	43	20704	33.509	ug/l	94
20) Methylene Chloride	3.05	84	5279	2.960	ug/l	93
25) 2-Butanone	4.83	43	2521	3.796	ug/l #	62
31) Cyclohexane	5.63	56	5788	2.375	ug/l #	6
36) 1,1-Dichloropropene	5.63	75	20240	5.290	ug/l #	50
37) Ethyl Acetate	4.83	43	2521	1.498	ug/l #	77
38) Carbon Tetrachloride	5.63	117	23805	3.954	ug/l #	17
51) 4-Methyl-2-Pentanone	8.70	43	1944	1.190	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	73061	174.154	ug/l #	1

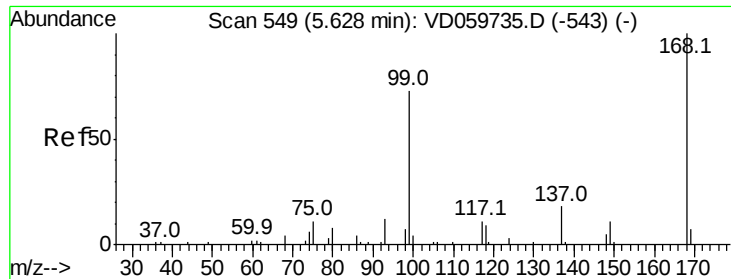
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081418\
Data File : VD059773.D
Acq On : 14 Aug 2018 18:14
Operator : VA/AP
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Misc : 2.11g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 15 10:50:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration

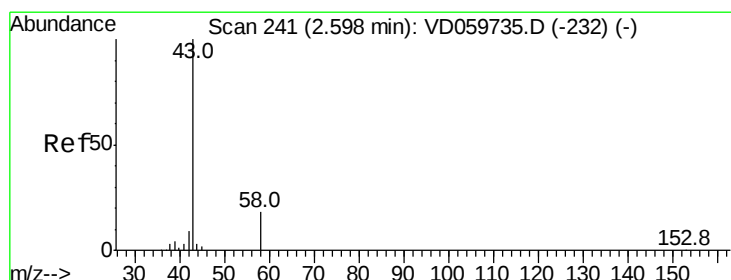
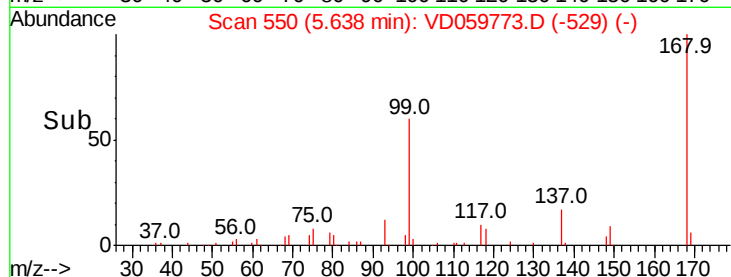
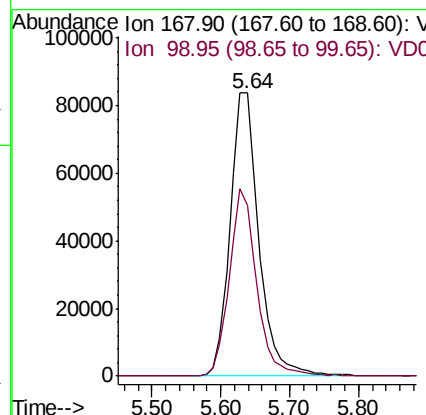
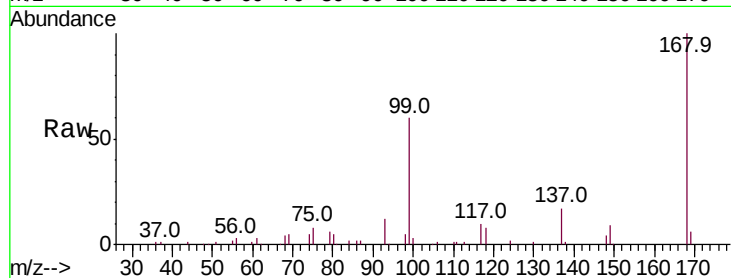




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

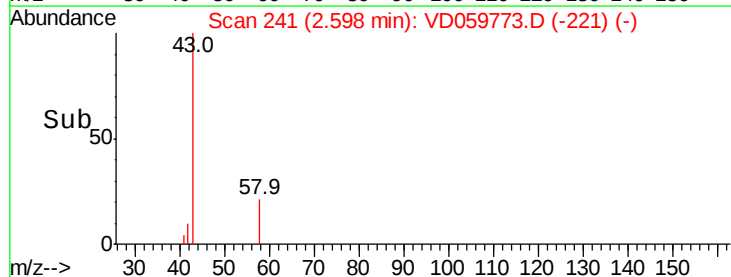
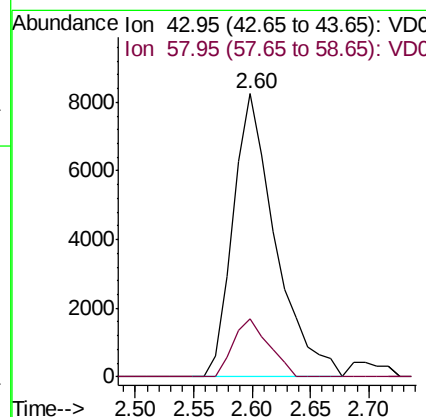
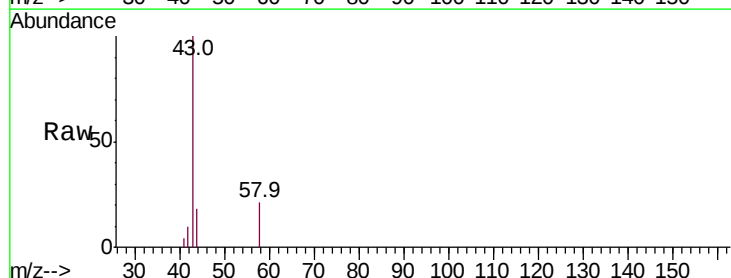
Instrument :
MSVOA_D
ClientSampled :

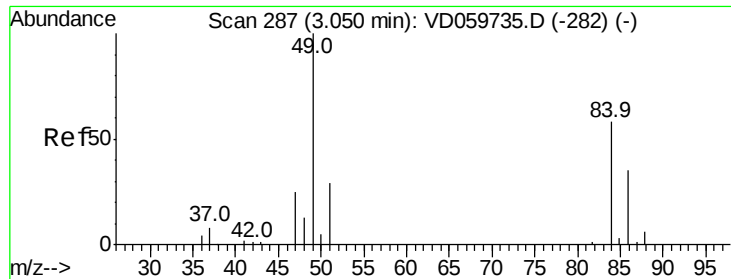
Tot Ion:168 Resp: 241638
Ion Ratio Lower Upper
168 100
99 60.2 61.4 92.2#



#16
Acetone
Concen: 33.509 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Tgt Ion: 43 Resp: 20704
Ion Ratio Lower Upper
43 100
58 20.6 14.6 21.8

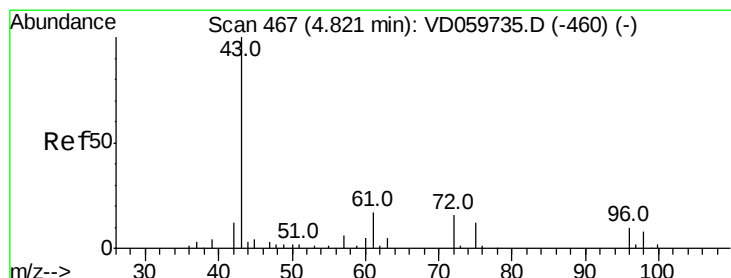
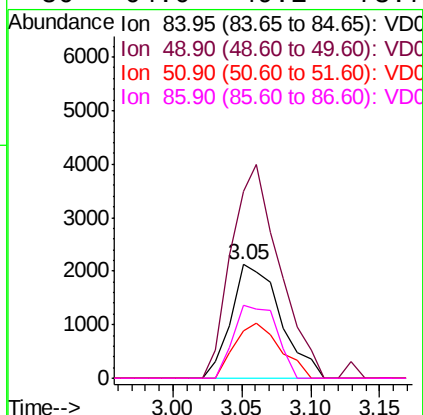
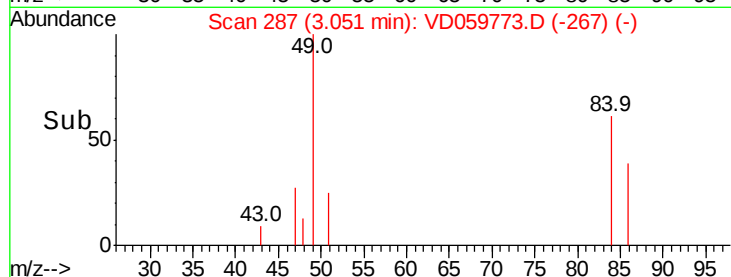
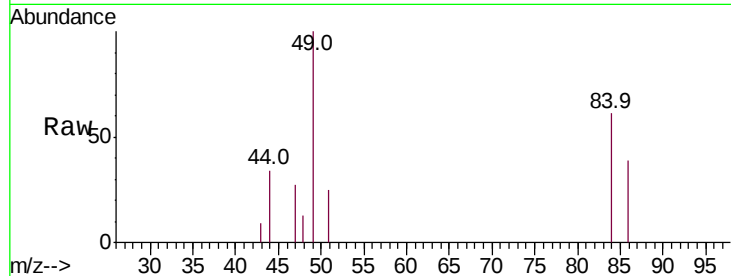




#20
Methvlene Chloride
Concen: 2.960 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.00 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

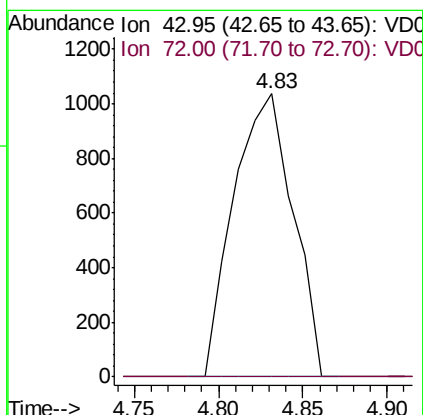
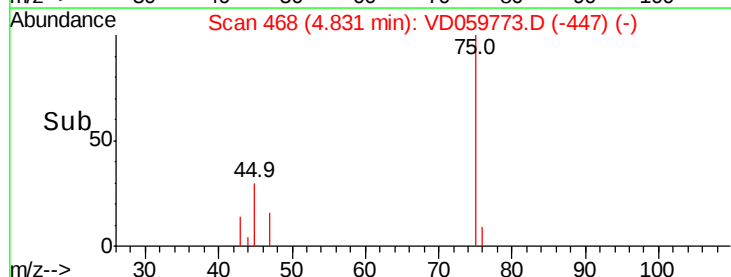
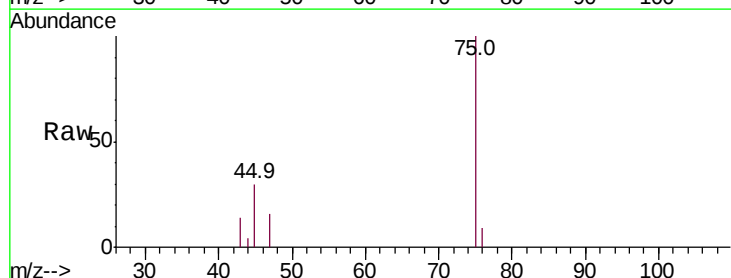
Instrument :
MSVOA_D
ClientSampled :

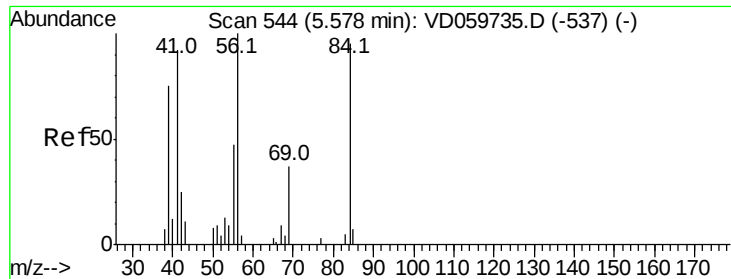
Tot Ion: 84 Resp: 5279
Ion Ratio Lower Upper
84 100
49 164.3 138.9 208.3
51 41.7 40.2 60.2
86 64.0 49.1 73.7



#25
2-Butanone
Concen: 3.796 ug/l
RT: 4.83 min Scan# 468
Delta R.T. 0.01 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
72 0.0 13.1 19.7#

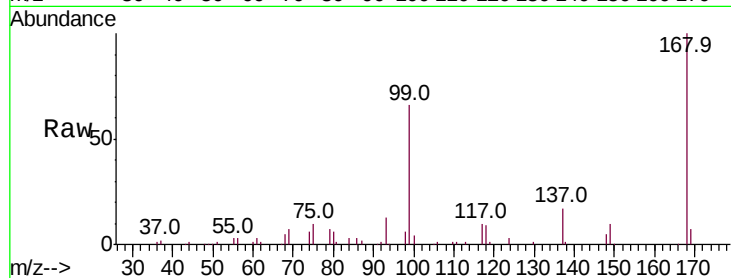




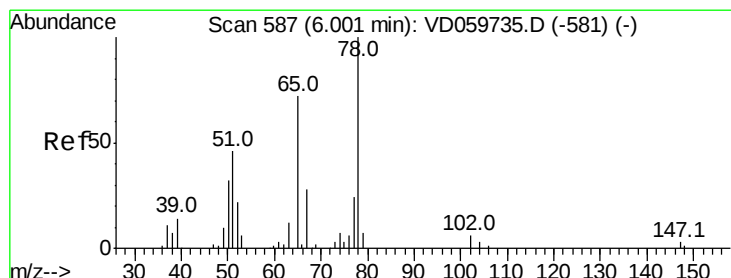
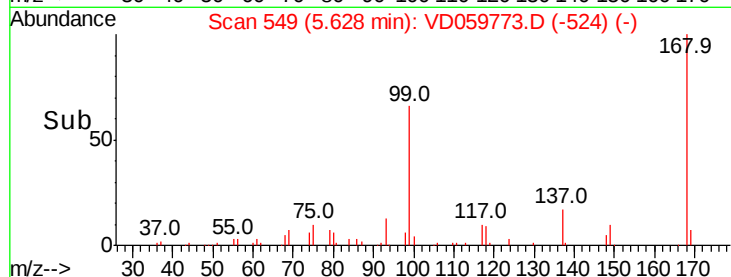
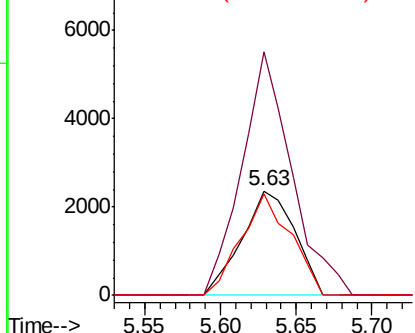
#31
Cyclohexane
Concen: 2.375 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.05 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 5788
Ion Ratio Lower Upper
56 100
69 233.4 29.3 43.9#
84 97.6 76.2 114.2

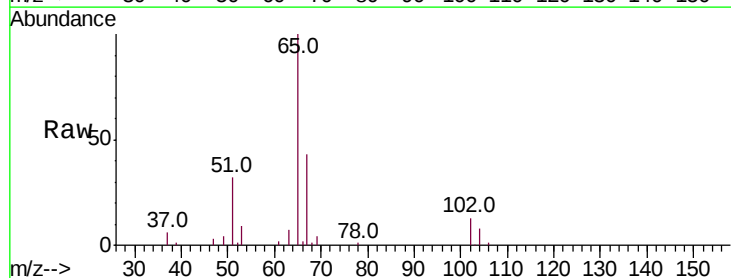


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

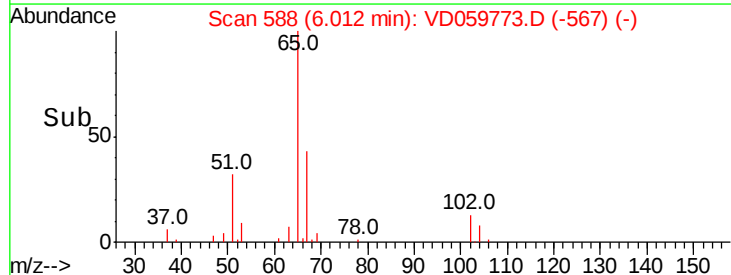
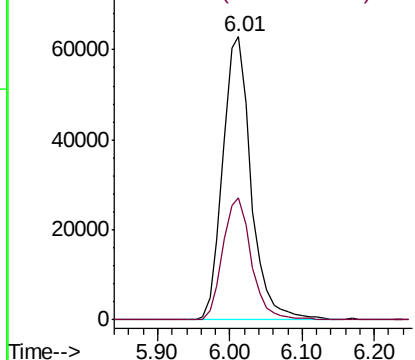


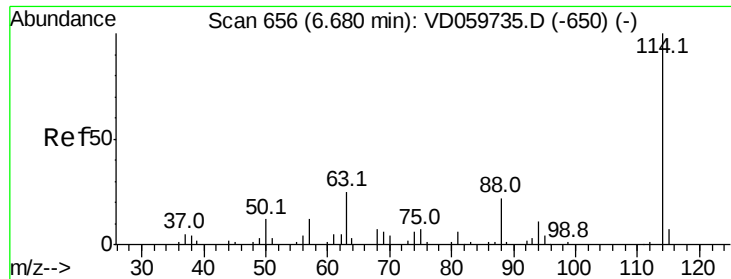
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Tgt Ion: 65 Resp: 171079
Ion Ratio Lower Upper
65 100
67 43.3 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

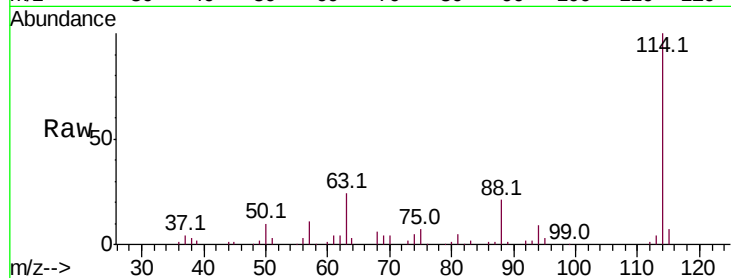




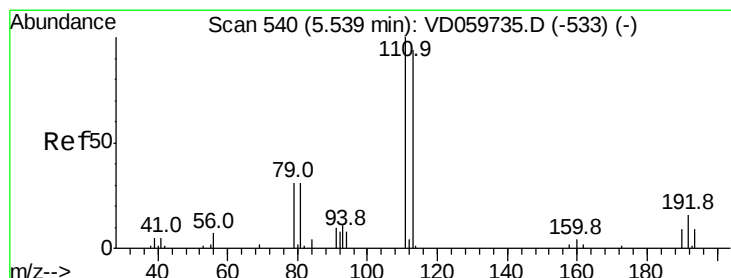
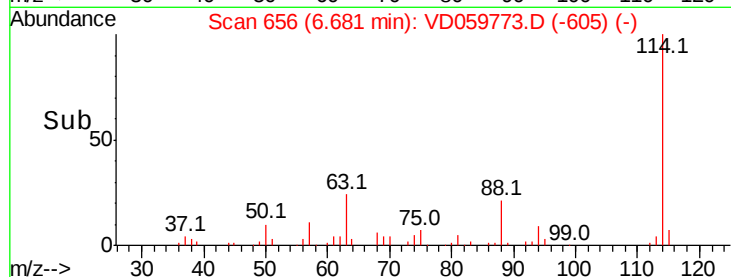
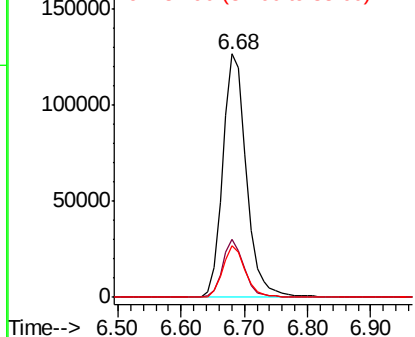
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VD059773.D
 Acq: 14 Aug 2018 18:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	50.6
88	21.1	0.0	43.4

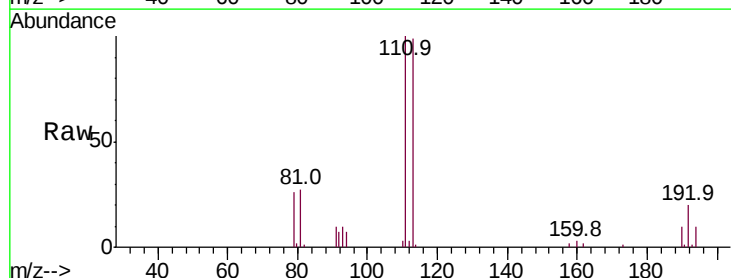


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

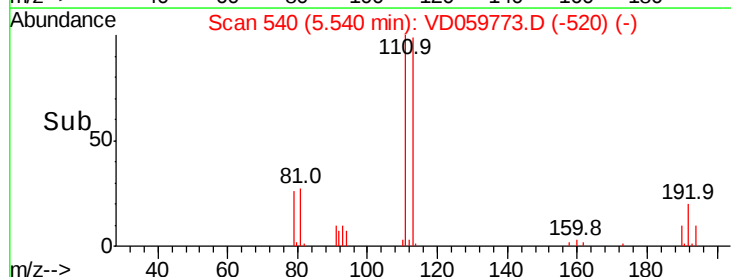
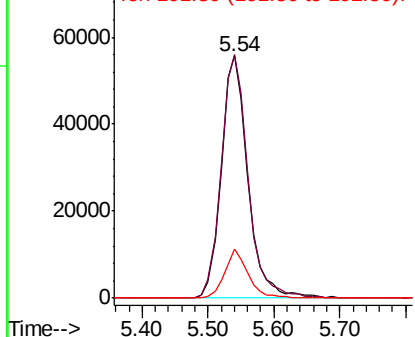


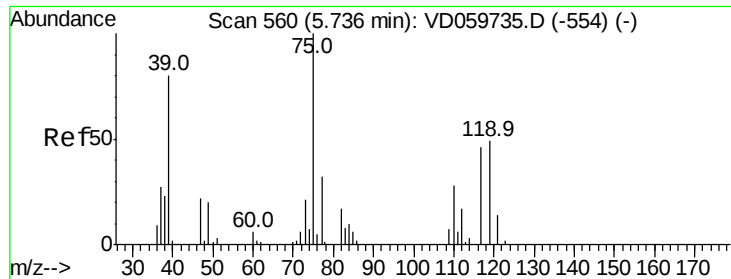
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VD059773.D
 Acq: 14 Aug 2018 18:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	85.3	127.9
192	20.0	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: 5.290 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.11 min

Lab File: VD059773.D

Acq: 14 Aug 2018 18:14

Instrument :

MSVOA_D

ClientSampleId :

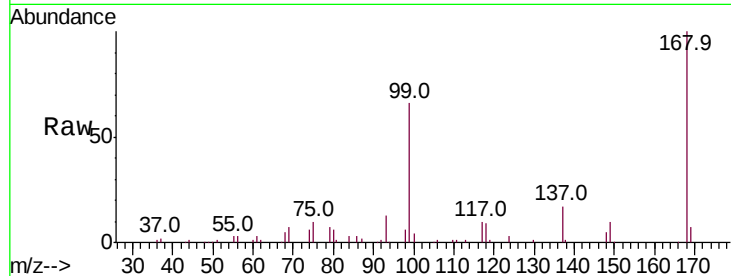
Tot Ion: 75 Resp: 20240

Ion Ratio Lower Upper

75 100

110 5.7 13.7 41.0#

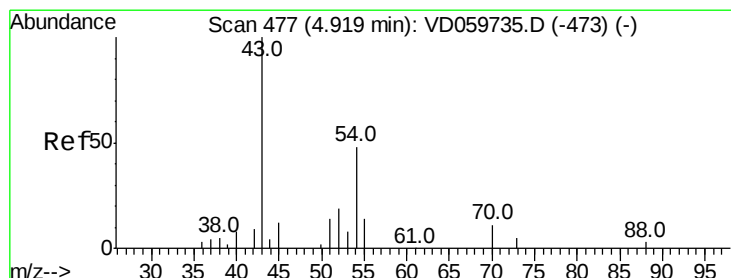
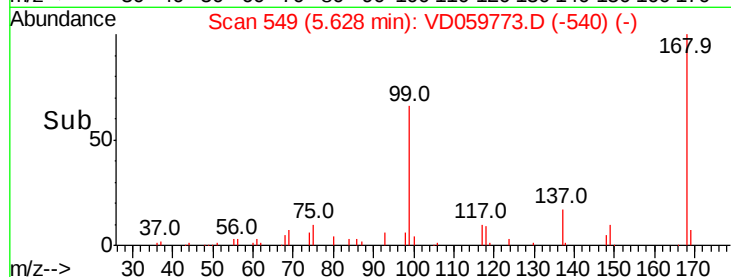
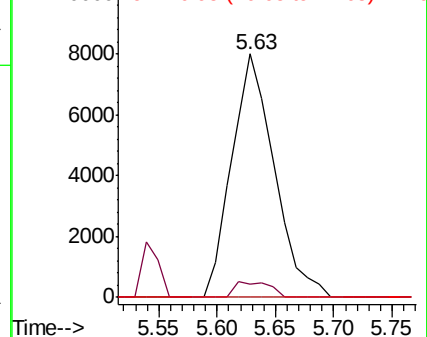
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 1.498 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.09 min

Lab File: VD059773.D

Acq: 14 Aug 2018 18:14

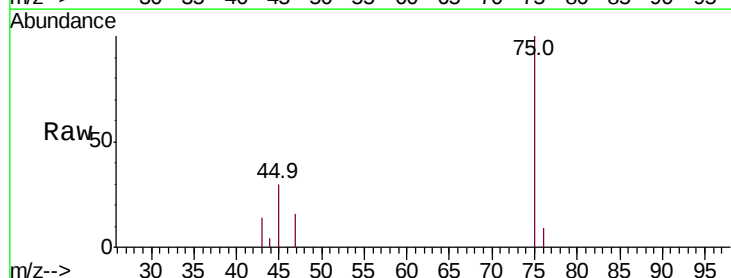
Tgt Ion: 43 Resp: 2521

Ion Ratio Lower Upper

43 100

61 0.0 7.4 11.0#

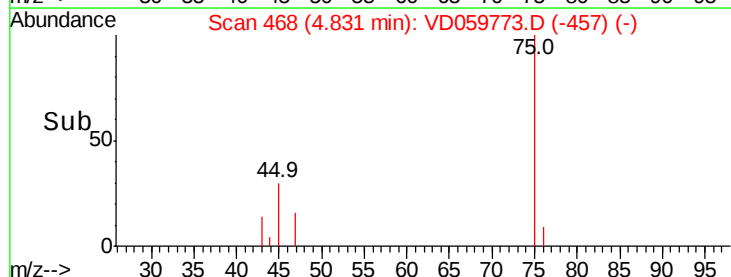
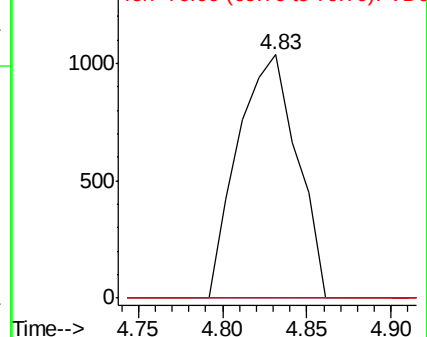
70 0.0 5.8 8.8#

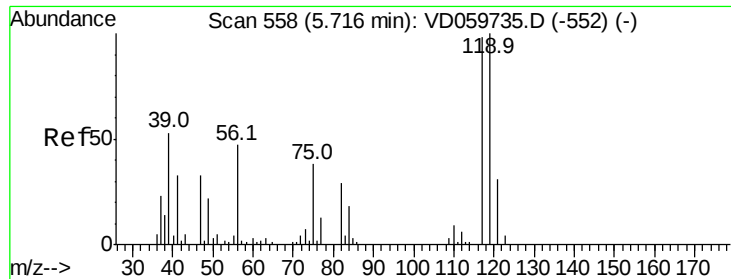


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

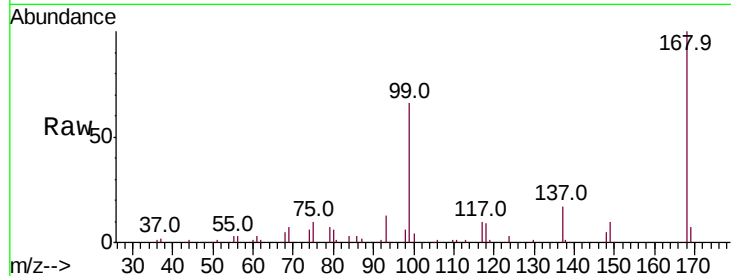




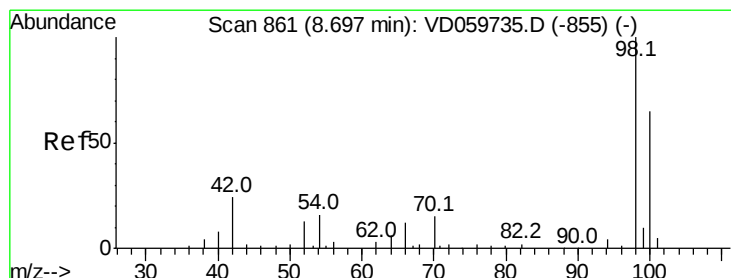
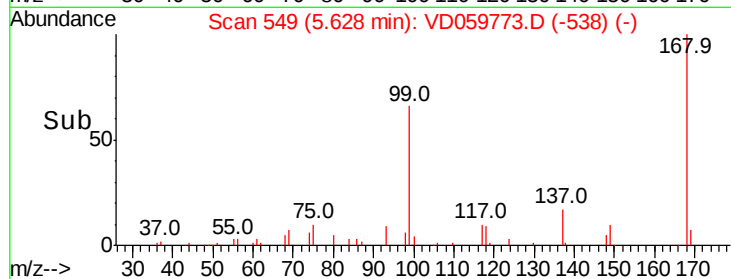
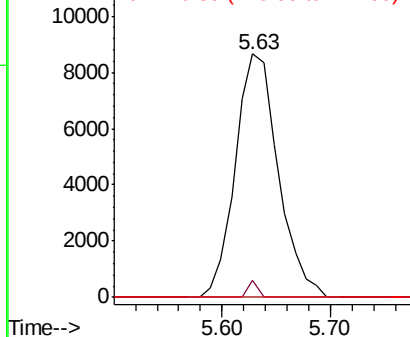
#38
Carbon Tetrachloride
Concen: 3.954 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 23805
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 23.9 35.9#

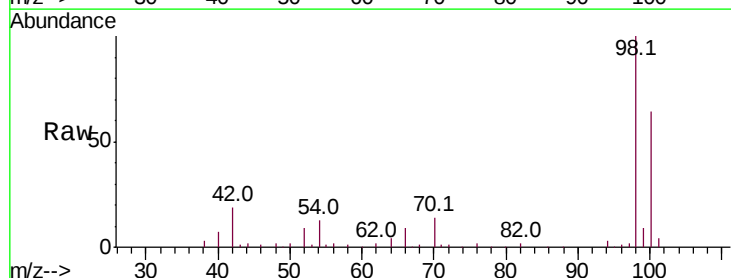


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

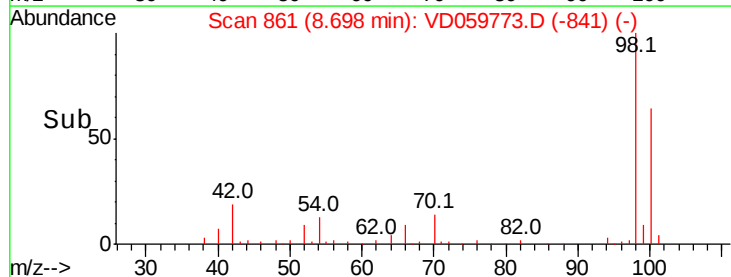
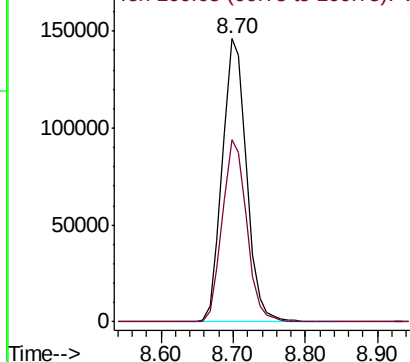


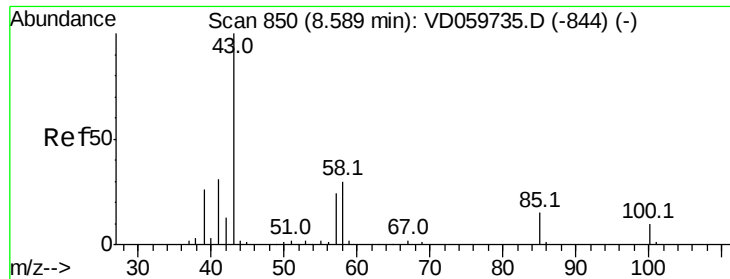
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.00 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Tgt Ion: 98 Resp: 338843
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.190 ug/l

RT: 8.70 min Scan# 861

Delta R.T. 0.11 min

Lab File: VD059773.D

Acq: 14 Aug 2018 18:14

Instrument :

MSVOA_D

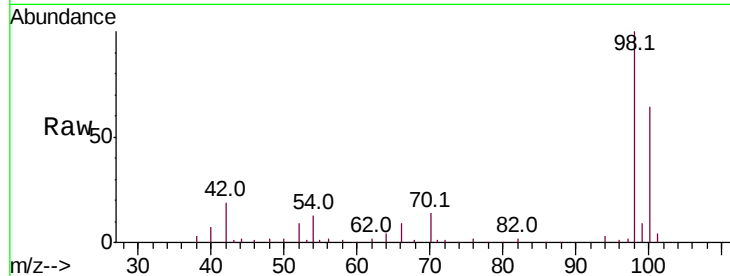
ClientSampleId :

Tot Ion: 43 Resp: 1944

Ion Ratio Lower Upper

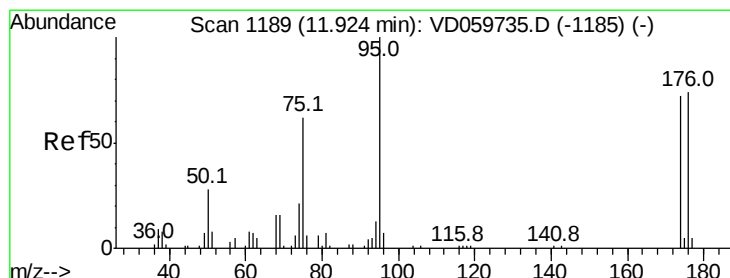
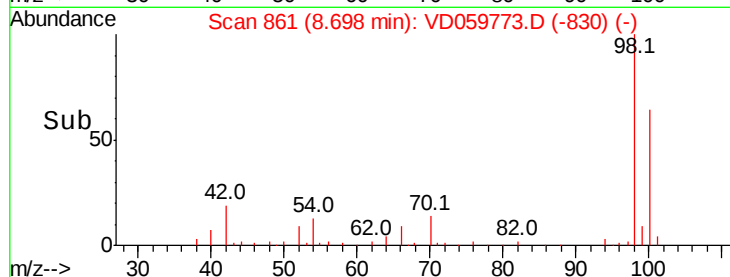
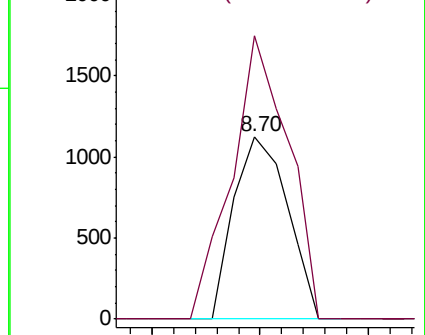
43 100

58 155.2 24.3 36.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059773.D

Acq: 14 Aug 2018 18:14

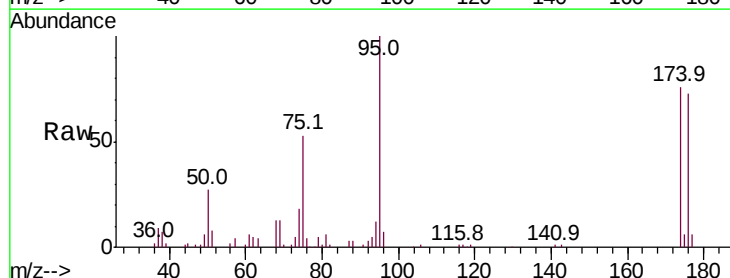
Tgt Ion: 95 Resp: 142202

Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.2

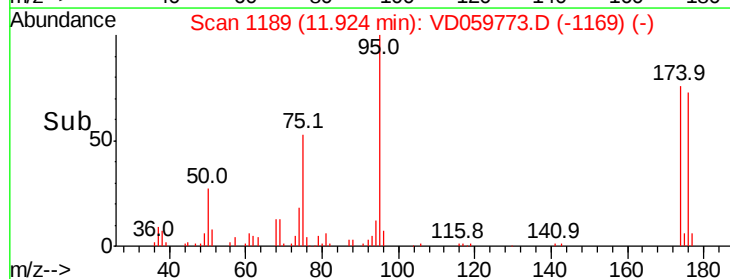
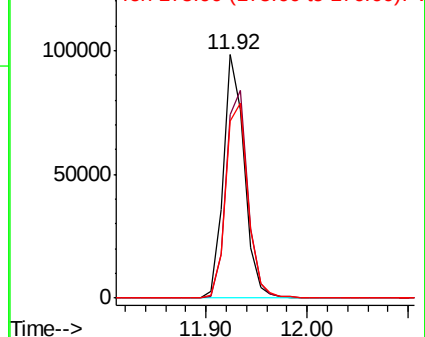
176 72.6 0.0 147.2

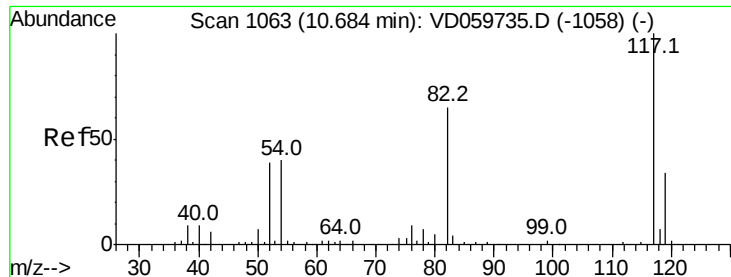


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

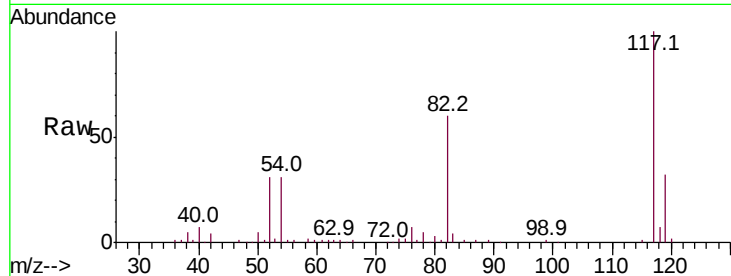




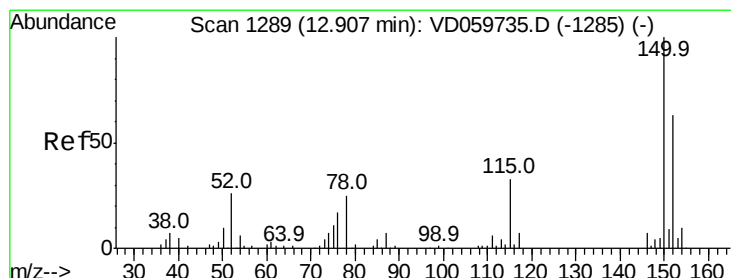
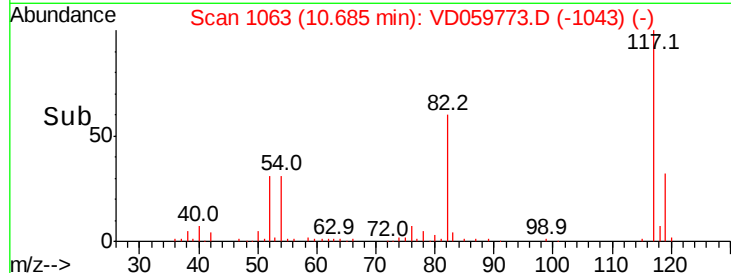
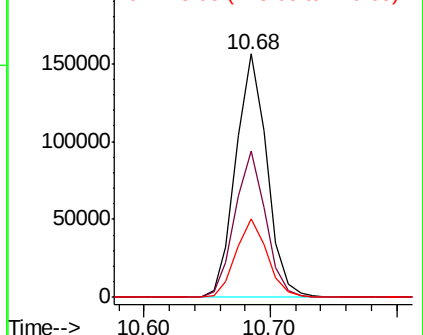
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 266151
Ion Ratio Lower Upper
117 100
82 60.0 51.9 77.9
119 32.1 27.4 41.0

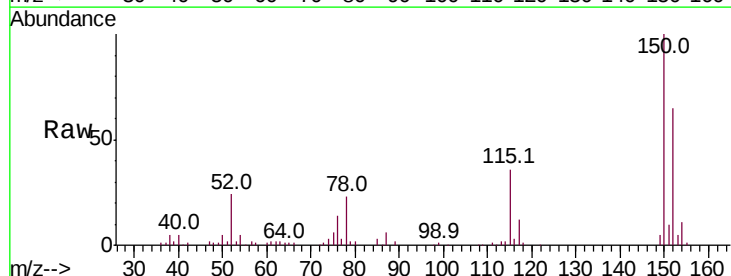


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

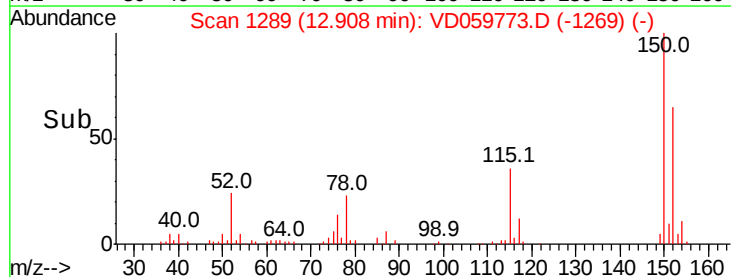
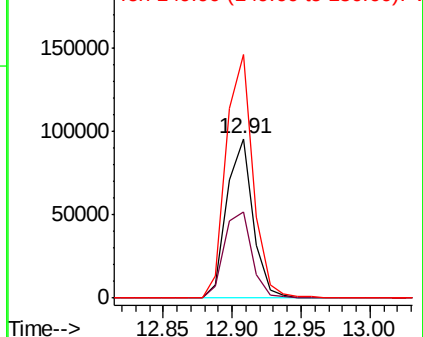


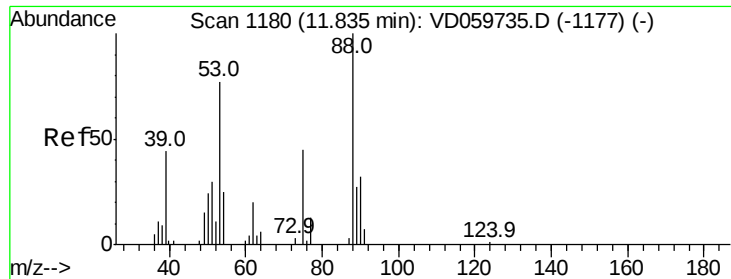
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059773.D
Acq: 14 Aug 2018 18:14

Tgt Ion:152 Resp: 125911
Ion Ratio Lower Upper
152 100
115 54.4 29.8 89.3
150 152.9 0.0 320.4



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: 174.154 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059773.D

Acq: 14 Aug 2018 18:14

Instrument :

MSVOA_D

ClientSampleId :

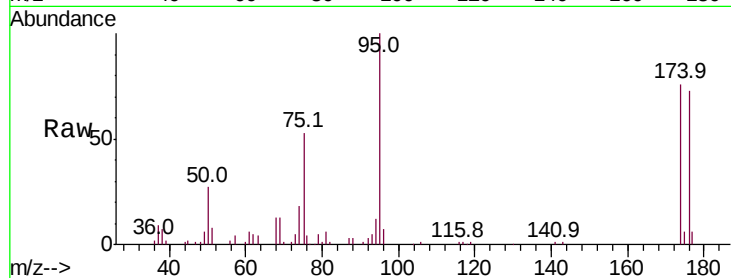
Tot Ion: 75 Resp: 73061

Ion Ratio Lower Upper

75 100

53 0.0 137.5 206.3#

89 0.0 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

