

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059587.D
 Acq On : 25 Jul 2018 14:06
 Operator : VA/AP
 Sample : J4104-01
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LA119SW005-S-180719

Quant Time: Jul 26 04:28:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

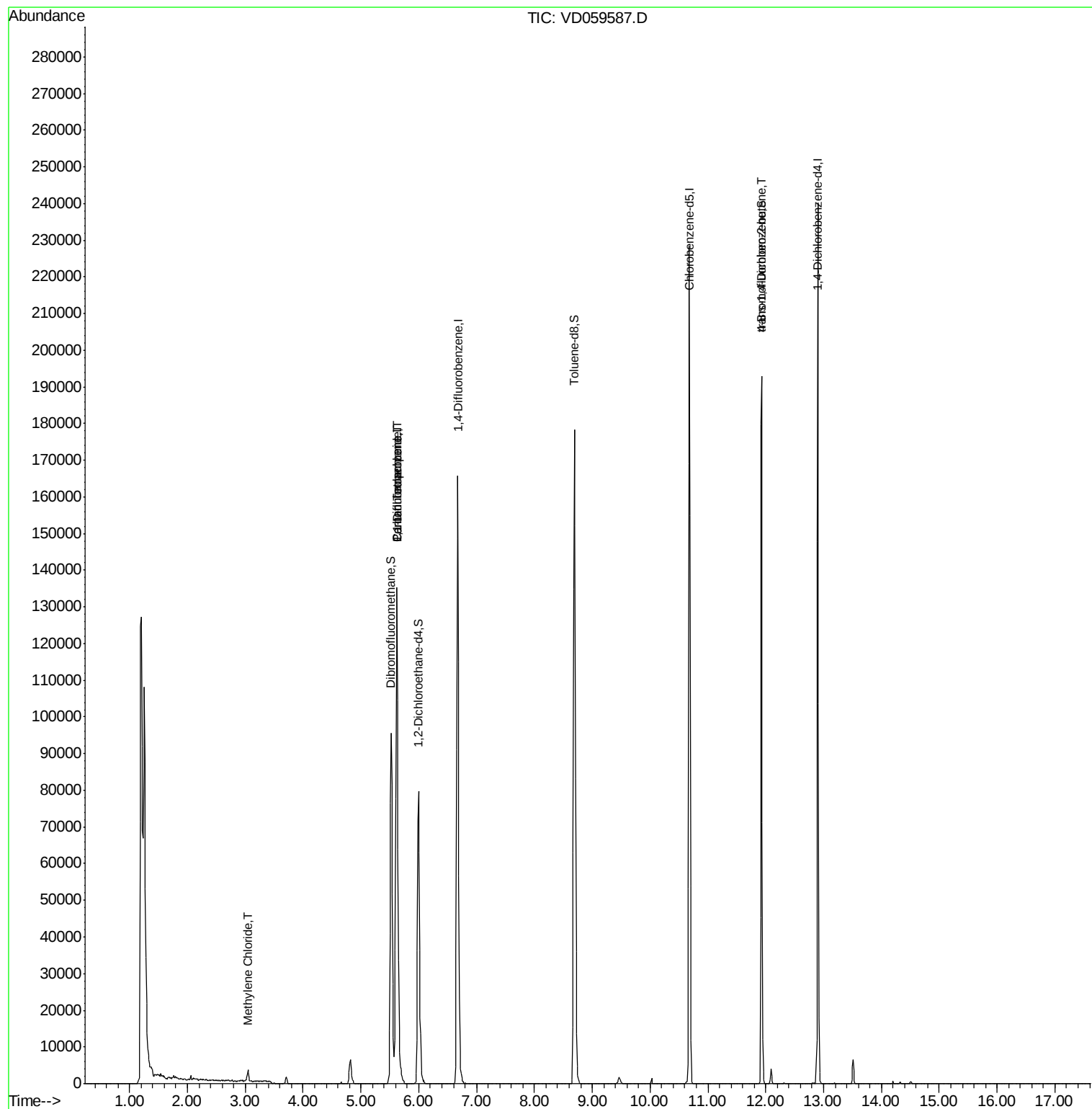
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	124723	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	159196	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	122480	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	50287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	87424	55.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	5.52	113	74542	54.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	8.69	98	143160	46.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.93	95	59249	42.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
20) Methylene Chloride	3.04	84	1012	1.50	ug/l #	71
31) Cyclohexane	5.61	56	2909	Below Cal	#	2
36) 1,1-Dichloropropene	5.62	75	10579	6.62	ug/l #	51
38) Carbon Tetrachloride	5.62	117	12109	5.54	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	30314	142.58	ug/l #	1

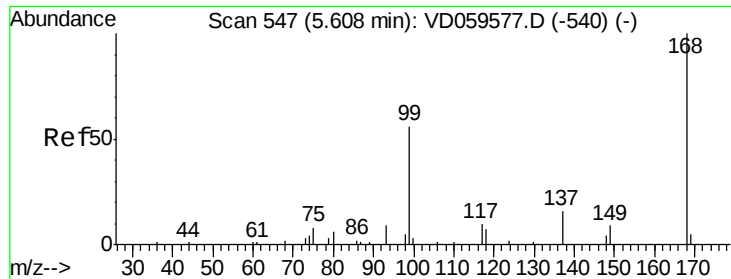
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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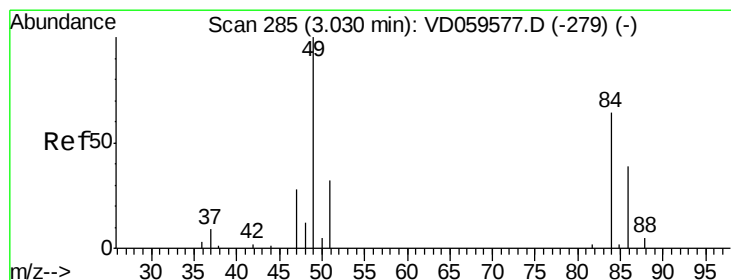
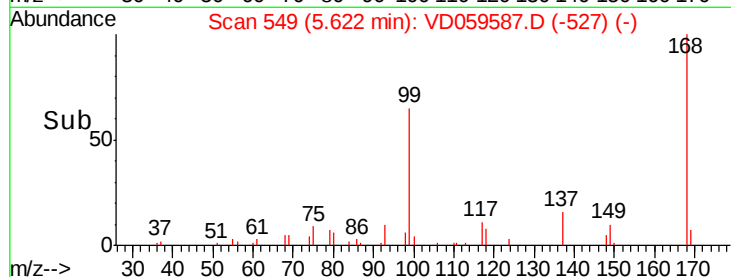
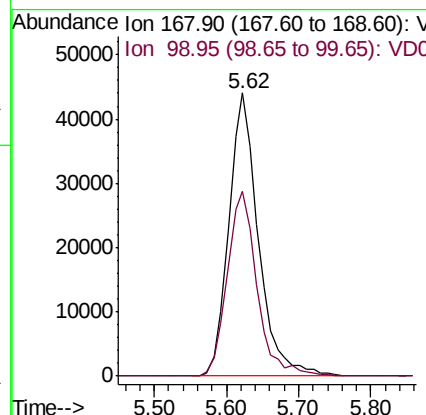
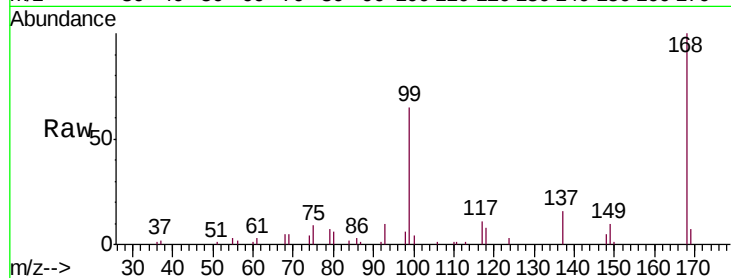




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

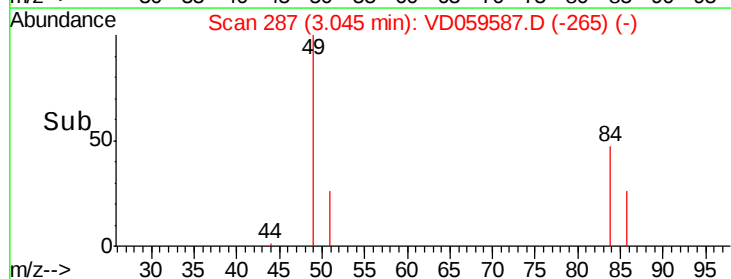
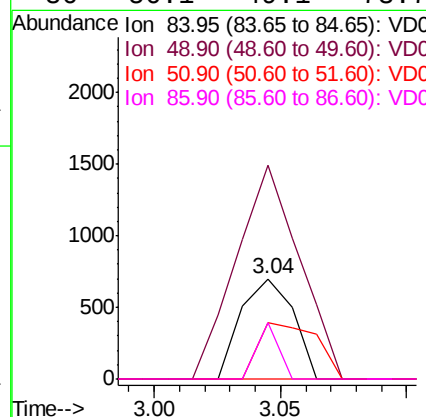
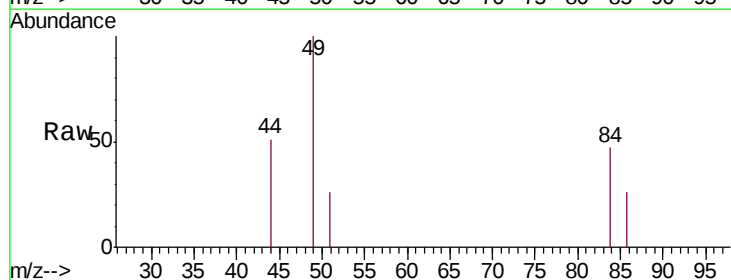
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MSVOA_D
ClientSampleId :
LA119SW005-S-180719

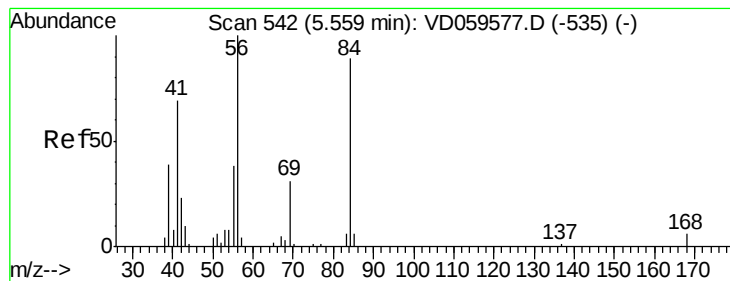
Tot Ion:168 Resp: 124723
Ion Ratio Lower Upper
168 100
99 65.5 47.3 70.9



#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 3.04 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

Tgt Ion: 84 Resp: 1012
Ion Ratio Lower Upper
84 100
49 212.7 125.4 188.2#
51 56.3 39.7 59.5
86 56.1 49.1 73.7





#31

Cyclohexane

Concen: Below Cal

RT: 5.61 min Scan# 548

Delta R.T. 0.05 min

Lab File: VD059587.D

Acq: 25 Jul 2018 14:06

Instrument :

MSVOA_D

ClientSampleId :

LA119SW005-S-180719

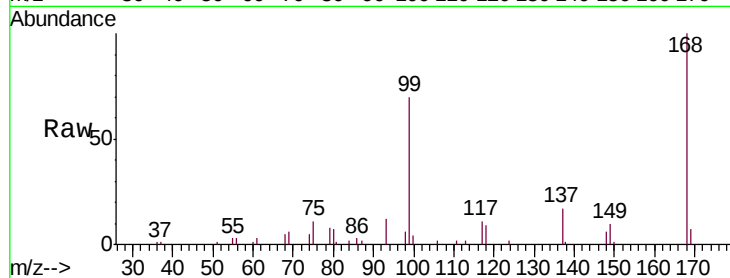
Tot Ion: 56 Resp: 2909

Ion Ratio Lower Upper

56 100

69 187.1 24.6 37.0#

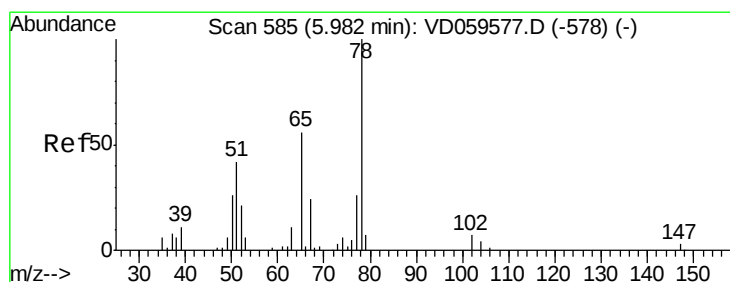
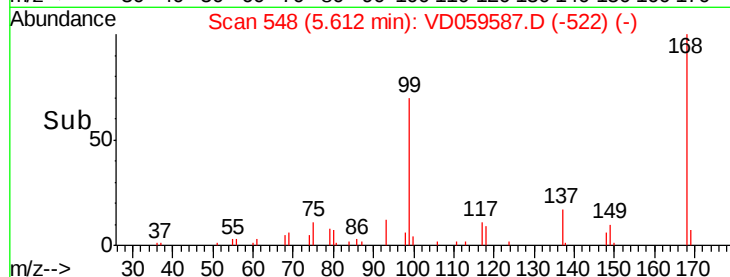
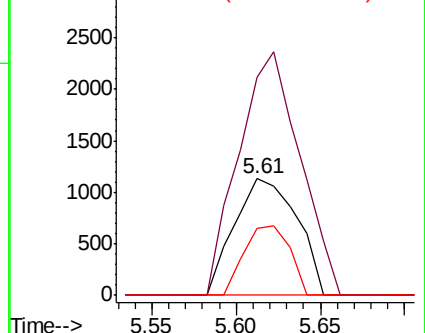
84 57.6 72.7 109.1#



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: 6.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD059587.D

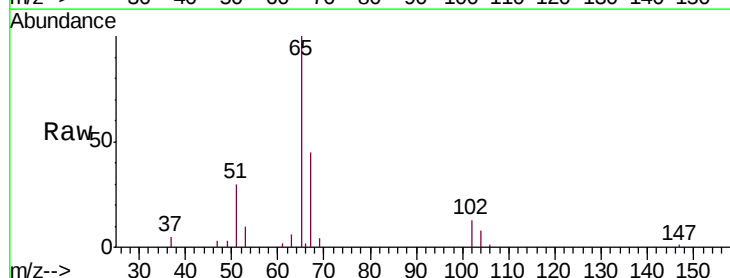
Acq: 25 Jul 2018 14:06

Tgt Ion: 65 Resp: 87424

Ion Ratio Lower Upper

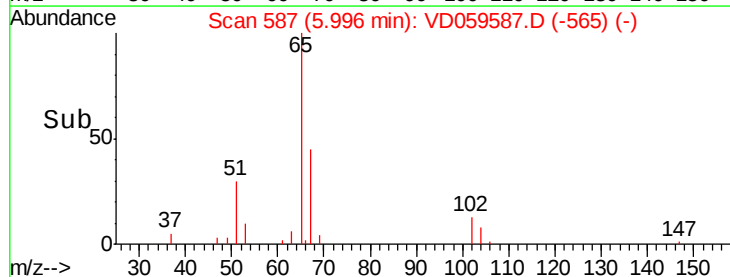
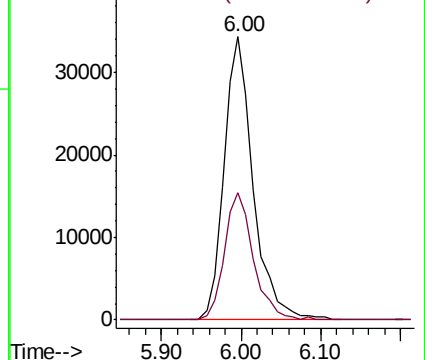
65 100

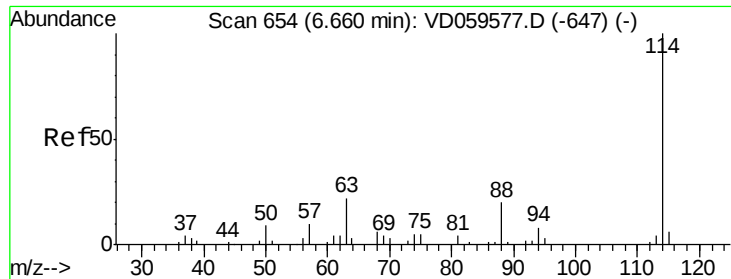
67 44.9 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

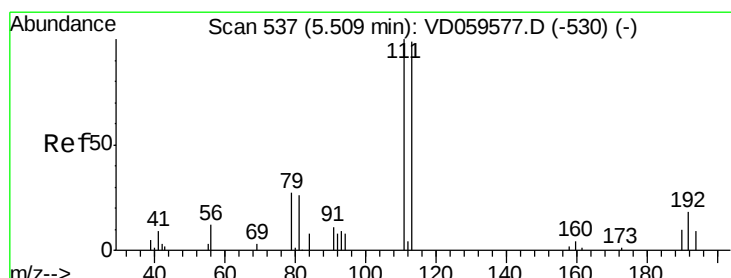
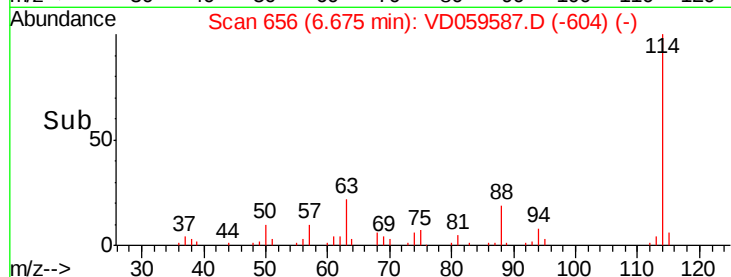
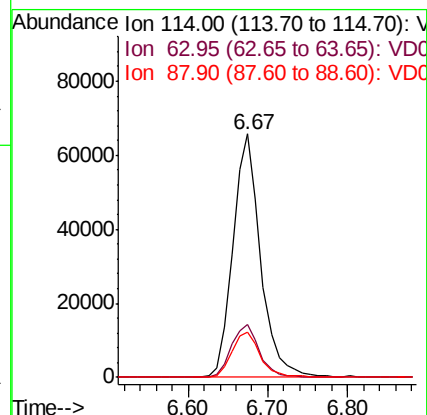
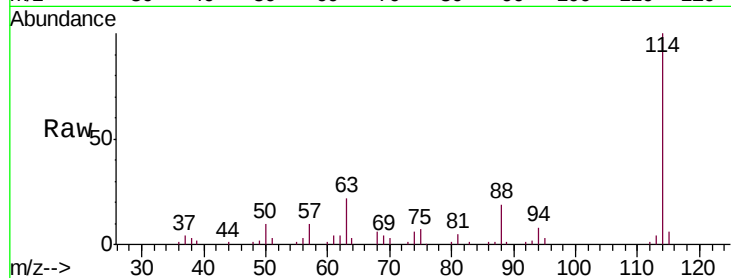




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VD059587.D
 Acq: 25 Jul 2018 14:06

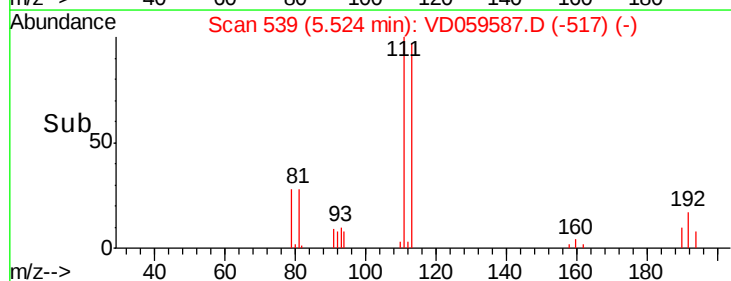
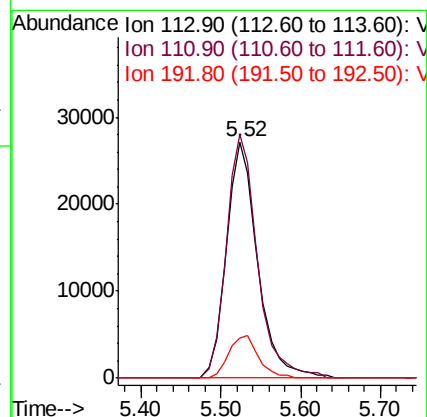
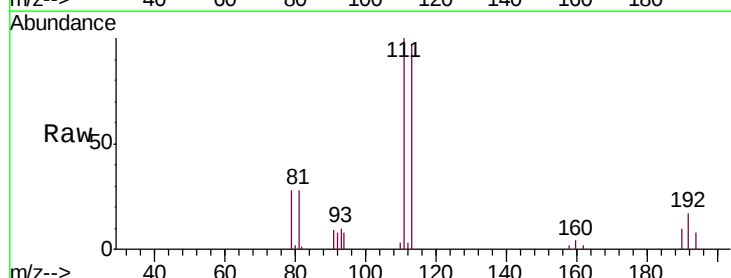
Instrument :
 MSVOA_D
 ClientSampleId :
 LA119SW005-S-180719

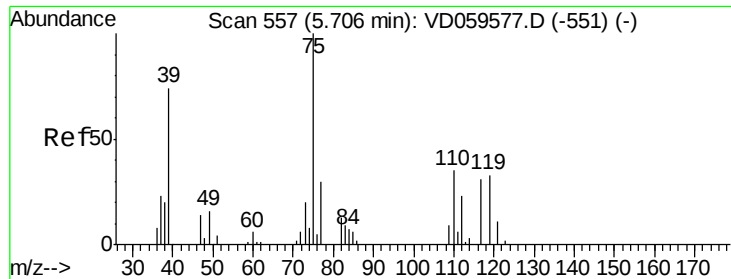
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.8
88	18.7	0.0	39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059587.D
 Acq: 25 Jul 2018 14:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.5	120.7
192	17.2	14.5	21.7

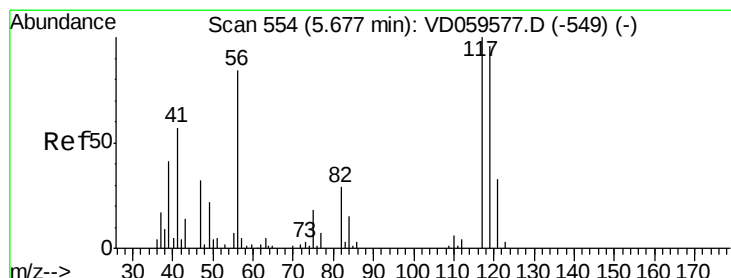
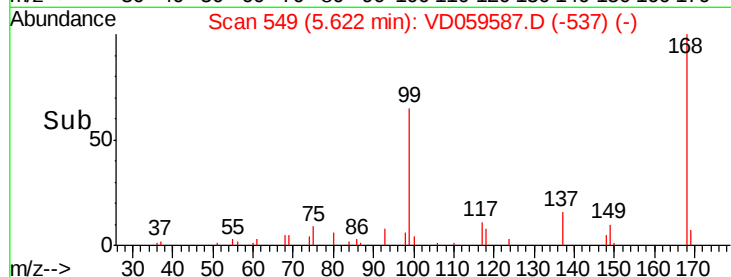
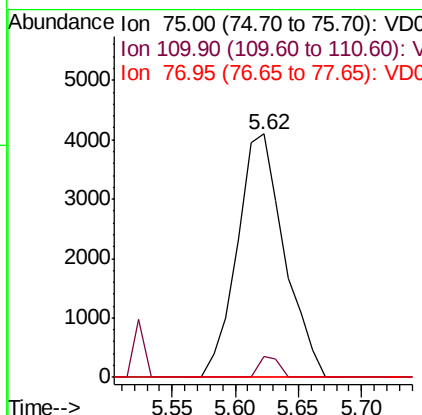
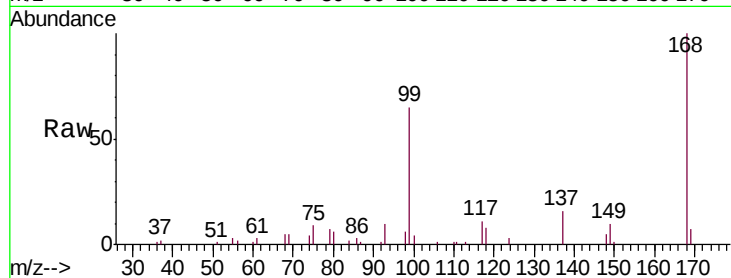




#36
 1,1-Dichloropropene
 Concen: 6.62 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059587.D
 Acq: 25 Jul 2018 14:06

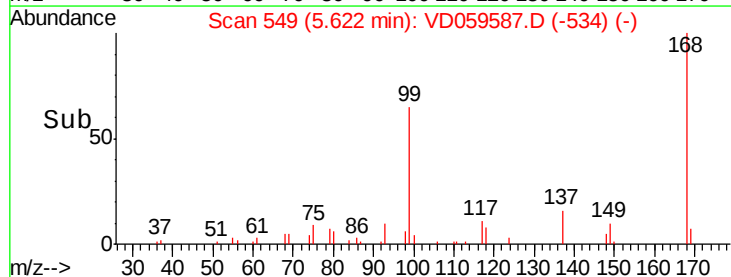
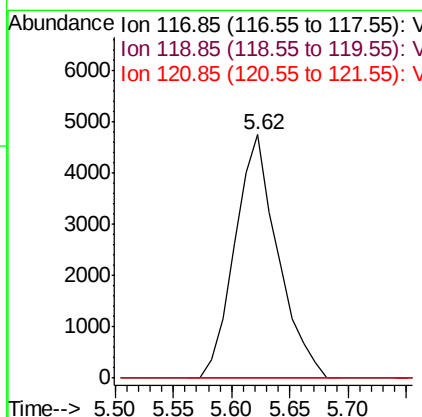
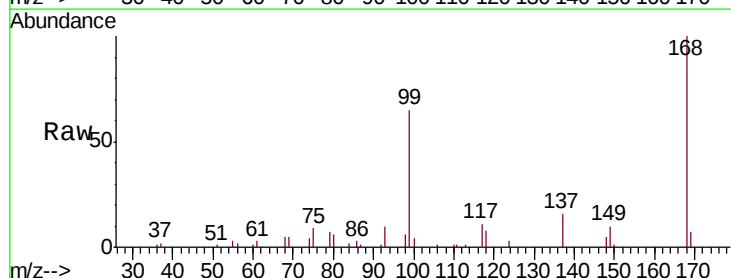
Instrument :
 MSVOA_D
 ClientSampleId :
 LA119SW005-S-180719

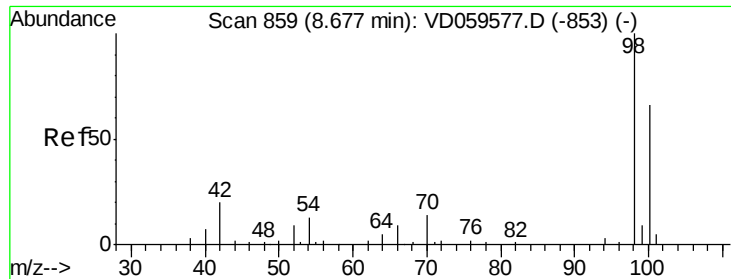
Tot Ion: 75 Resp: 10579
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 50.9#
 77 0.0 23.6 35.4#



#38
 Carbon Tetrachloride
 Concen: 5.54 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: VD059587.D
 Acq: 25 Jul 2018 14:06

Tgt Ion: 117 Resp: 12109
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

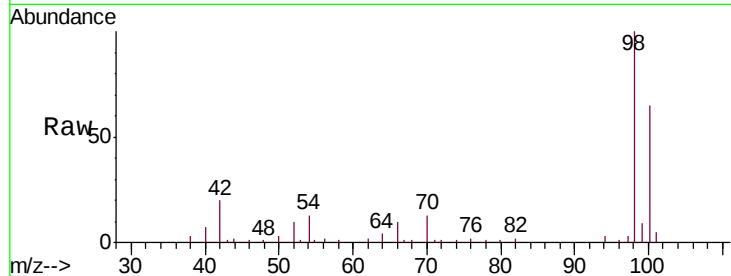




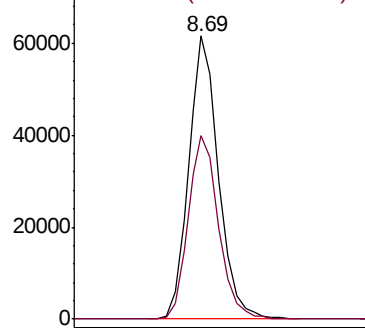
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

Instrument :
MSVOA_D
ClientSampleId :
LA119SW005-S-180719

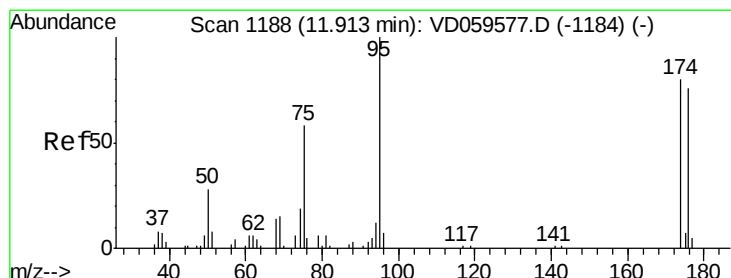
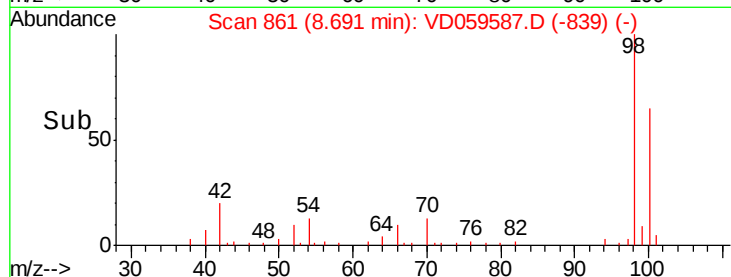
Tot Ion: 98 Resp: 143160
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

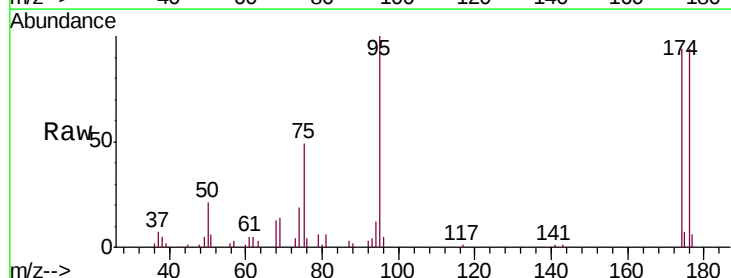


Time-->

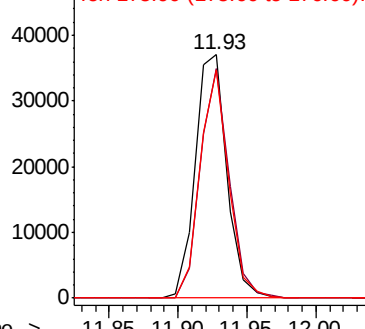


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

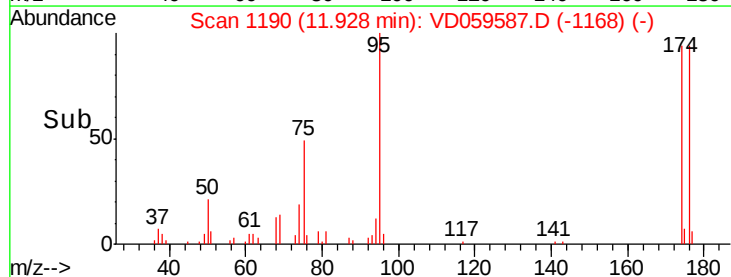
Tgt Ion: 95 Resp: 59249
Ion Ratio Lower Upper
95 100
174 94.4 0.0 160.6
176 94.0 0.0 152.8

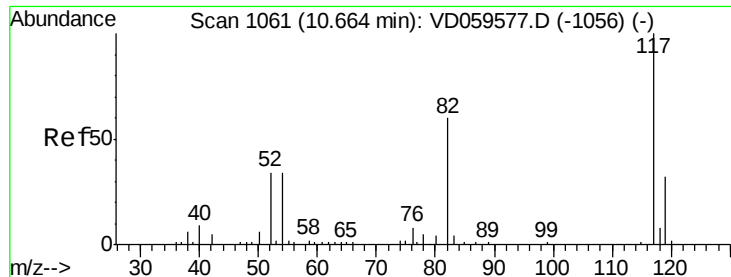


Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



Time-->

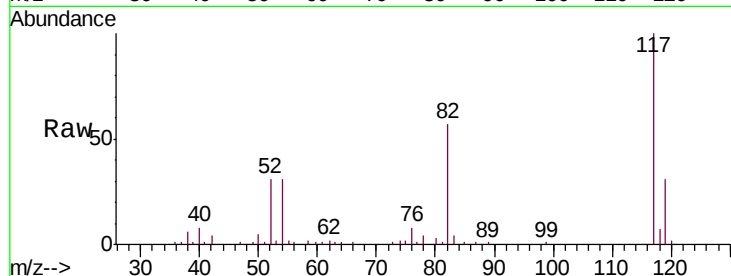




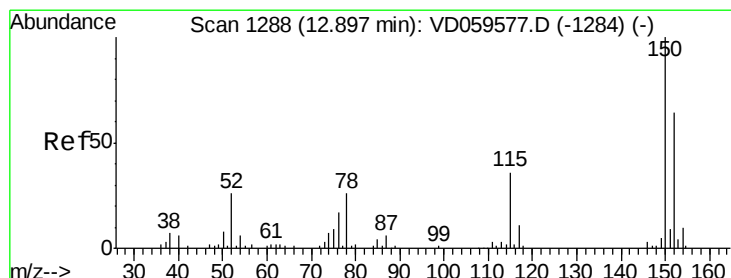
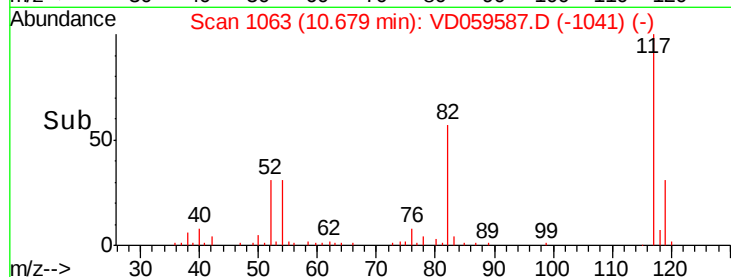
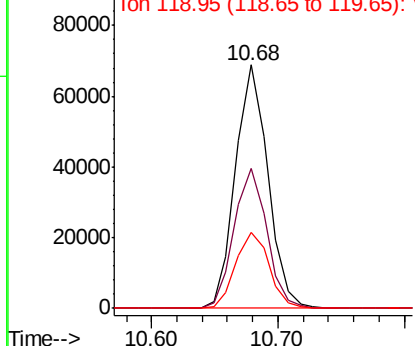
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

Instrument :
MSVOA_D
ClientSampleId :
LA119SW005-S-180719

Tot Ion:117 Resp: 122480
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.2
119 31.2 25.4 38.2

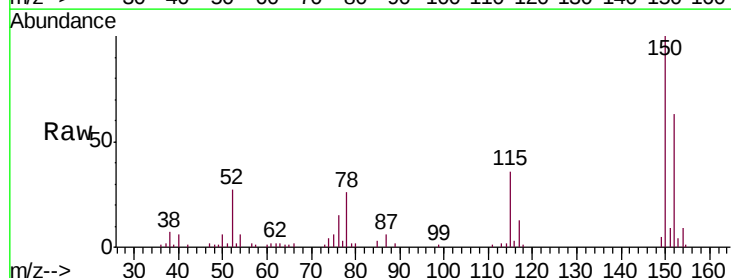


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

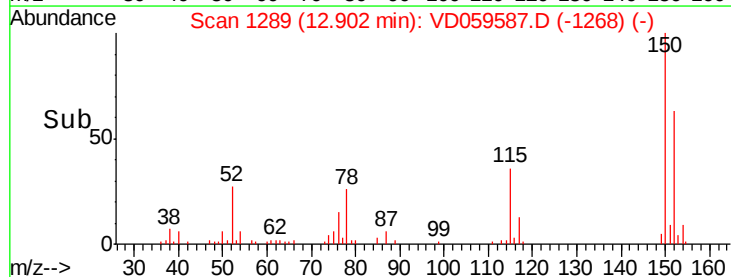
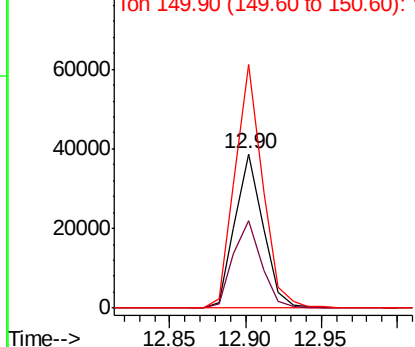


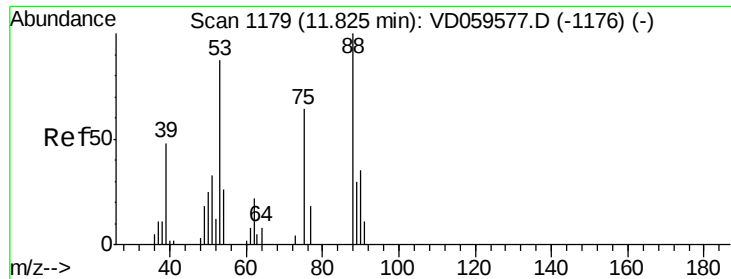
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059587.D
Acq: 25 Jul 2018 14:06

Tgt Ion:152 Resp: 50287
Ion Ratio Lower Upper
152 100
115 57.1 29.5 88.6
150 157.9 0.0 314.4



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: 142.58 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059587.D

Acq: 25 Jul 2018 14:06

Instrument :

MSVOA_D

ClientSampleId :

LA119SW005-S-180719

Tot Ion: 75 Resp: 30314

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

