

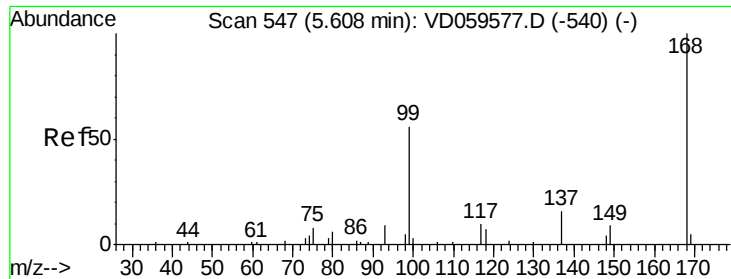
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072718\
 Data File : VD059621.D
 Acq On : 27 Jul 2018 19:51
 Operator : VA/AP
 Sample : J4113-02
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 15:32:22 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	5.61	168	37842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	53871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	47809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	24577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	40046	84.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.36%	
35) Dibromofluoromethane	5.52	113	28385	61.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.84%	
50) Toluene-d8	8.68	98	51729	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.92	95	25756	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
Target Compounds						
					Qvalue	
16) Acetone	2.58	43	369	5.136	ug/l #	61
31) Cyclohexane	5.60	56	652	Below Cal	#	24
36) 1,1-Dichloropropene	5.61	75	2887	5.341	ug/l #	43
38) Carbon Tetrachloride	5.61	117	3166	4.277	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	13236	127.376	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059621.D

Acq: 27 Jul 2018 19:51

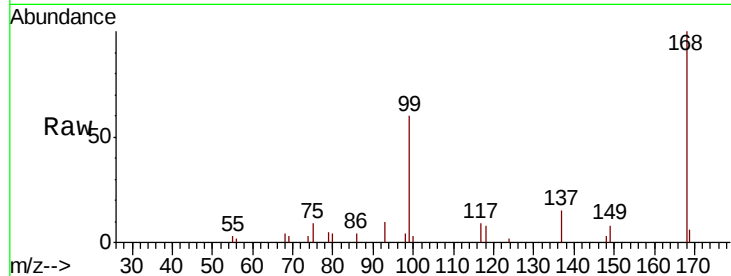
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 37842

Ion Ratio Lower Upper

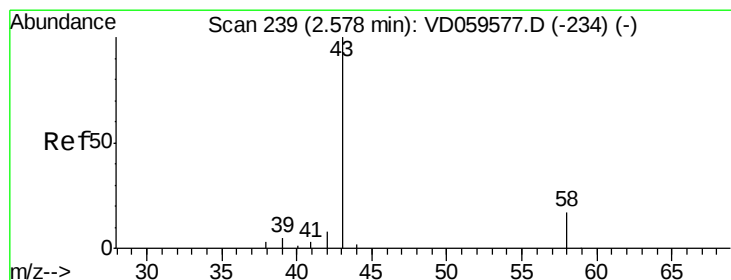
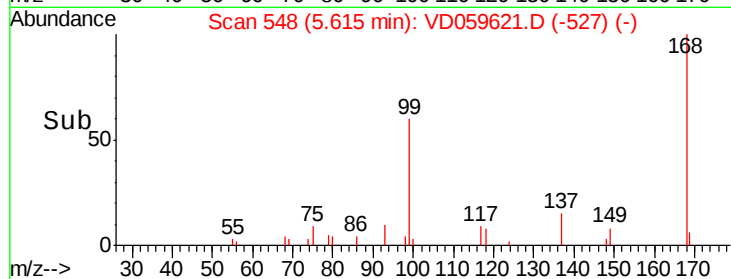
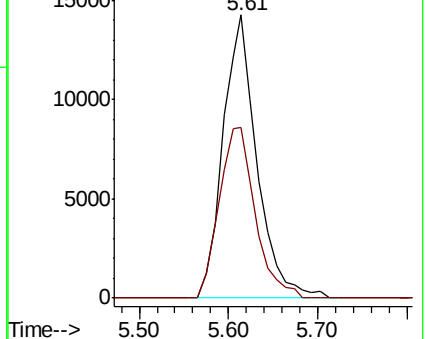
168 100

99 60.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 5.136 ug/l

RT: 2.58 min Scan# 240

Delta R.T. 0.01 min

Lab File: VD059621.D

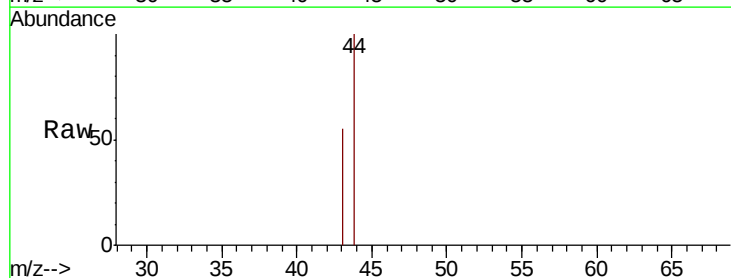
Acq: 27 Jul 2018 19:51

Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

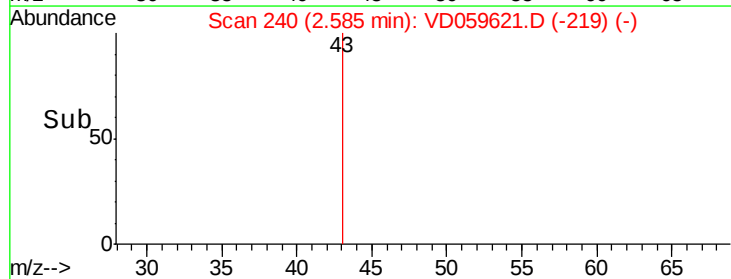
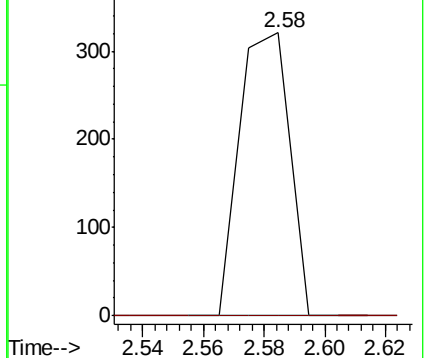
43 100

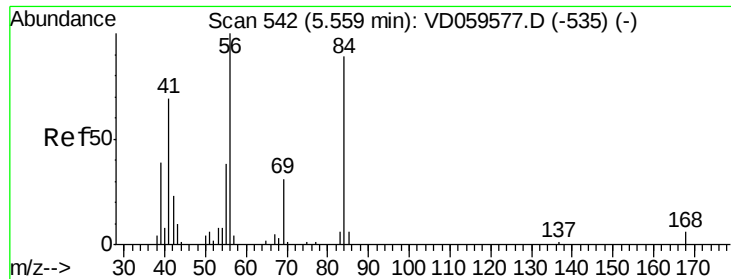
58 0.0 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

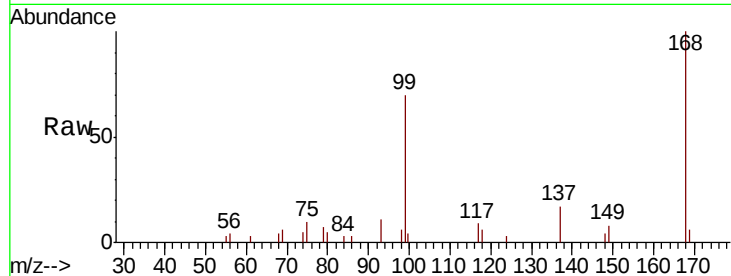




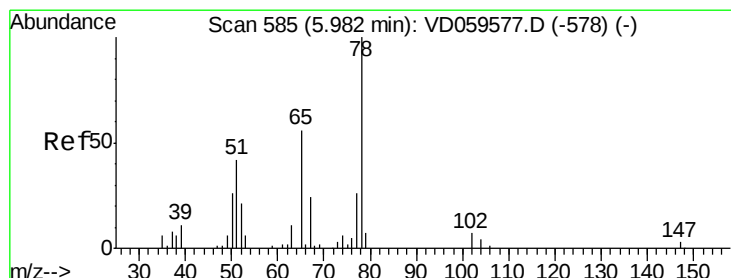
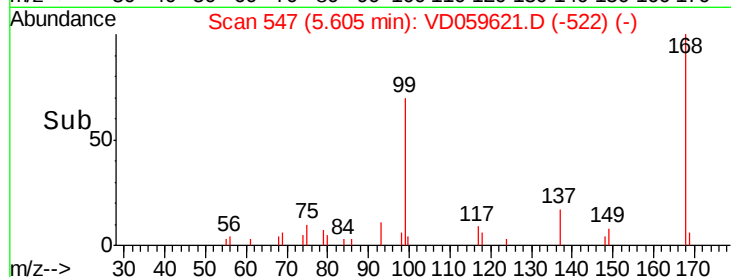
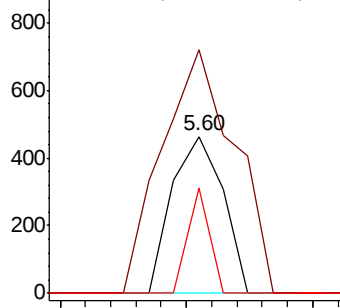
#31
Cyclohexane
Concen: Below Cal
RT: 5.60 min Scan# 547
Delta R.T. 0.05 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 652
Ion Ratio Lower Upper
56 100
69 155.1 24.6 37.0#
84 67.1 72.7 109.1#

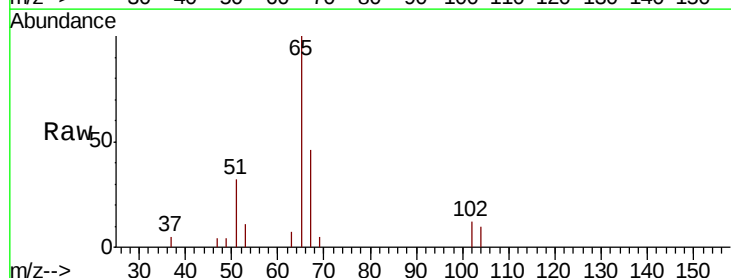


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

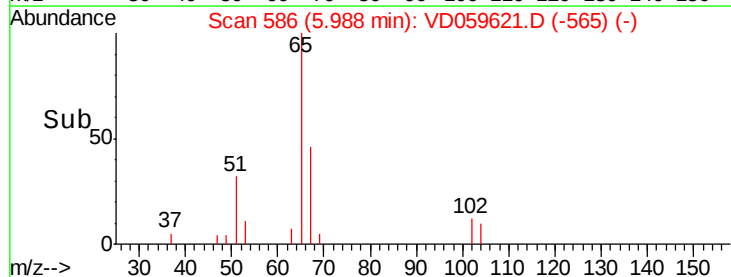
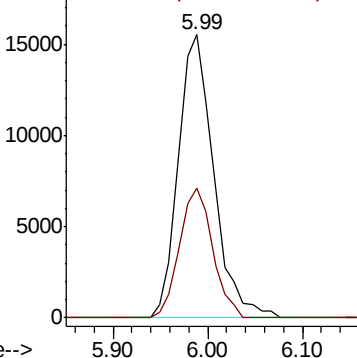


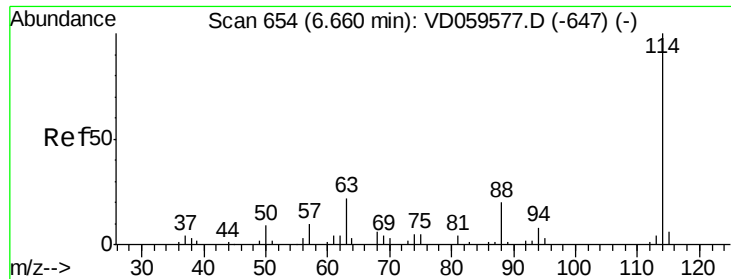
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Tgt Ion: 65 Resp: 40046
Ion Ratio Lower Upper
65 100
67 45.7 0.0 86.4



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

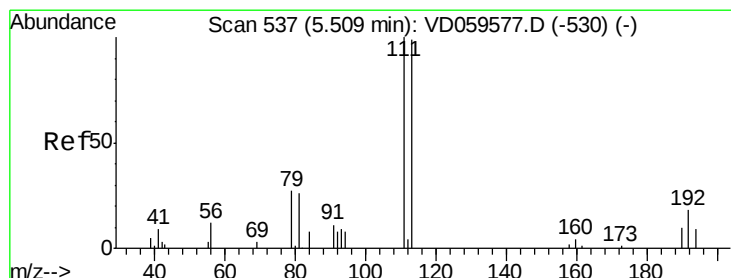
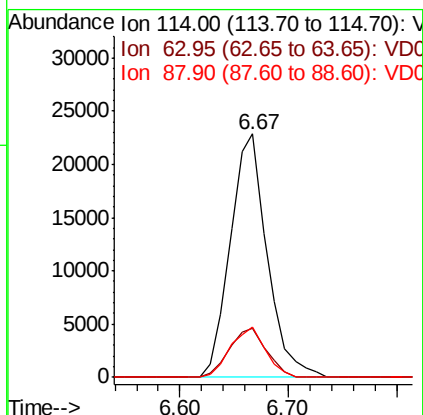
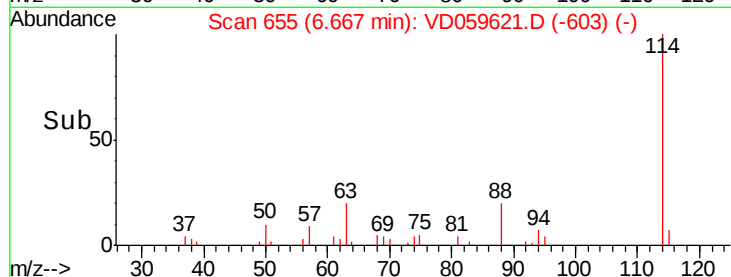
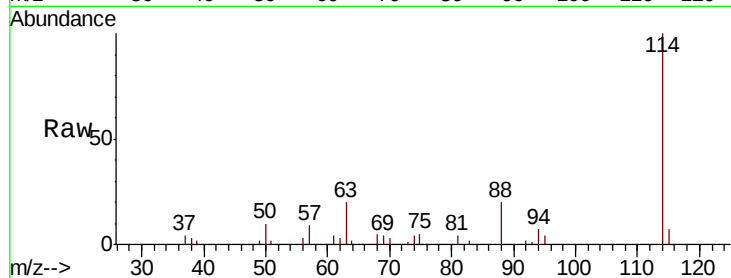




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.67 min Scan# 655
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

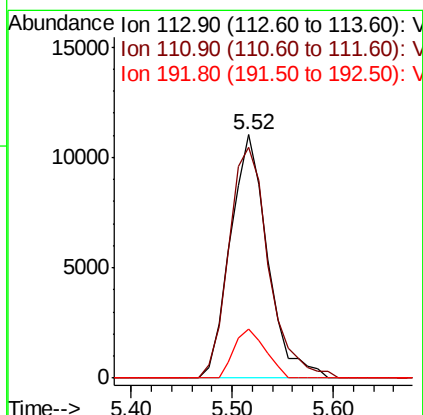
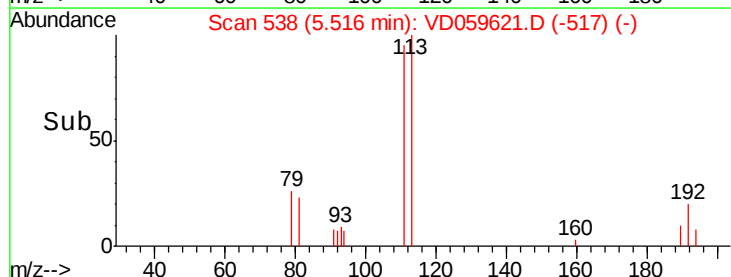
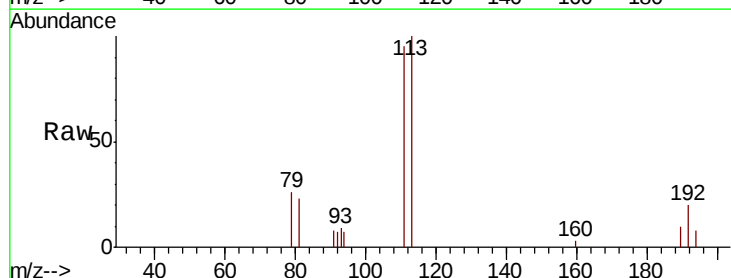
Instrument :
MSVOA_D
ClientSampleId :

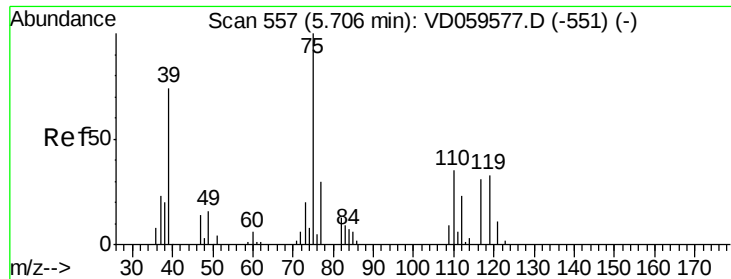
Tot Ion:114 Resp: 53871
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.8
88 20.5 0.0 39.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.52 min Scan# 538
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Tgt Ion:113 Resp: 28385
Ion Ratio Lower Upper
113 100
111 94.8 80.5 120.7
192 20.4 14.5 21.7

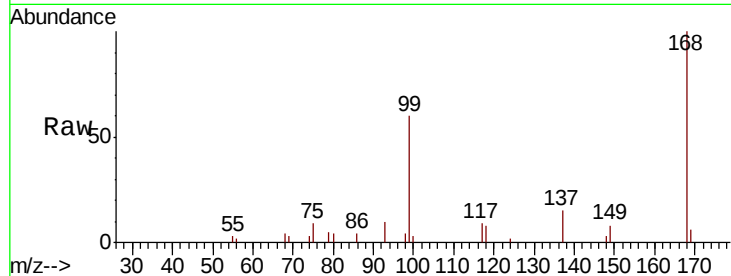




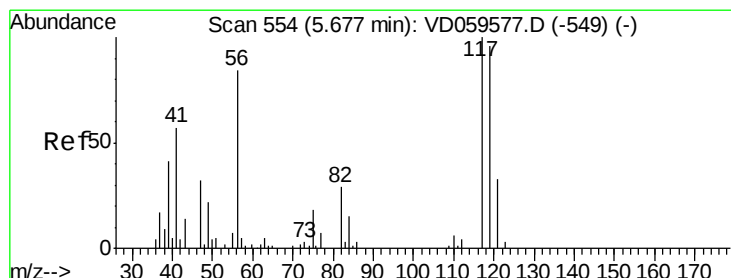
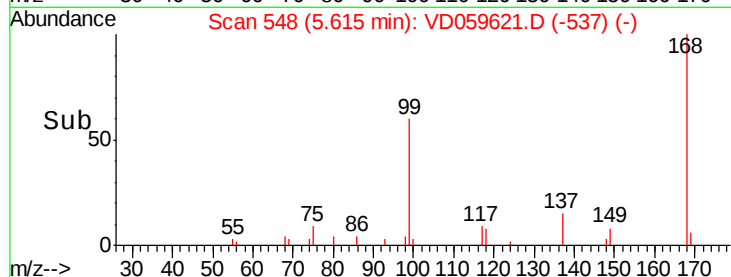
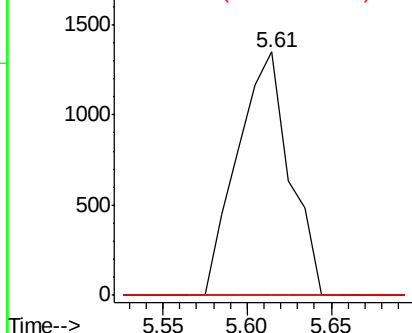
#36
 1,1-Dichloropropene
 Concen: 5.341 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059621.D
 Acq: 27 Jul 2018 19:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 2887
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#

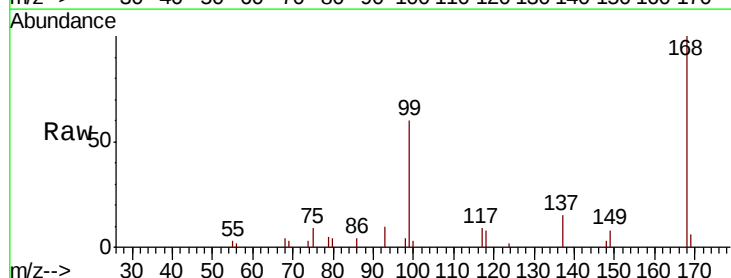


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

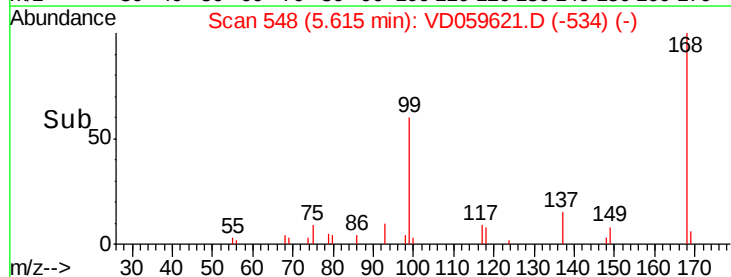
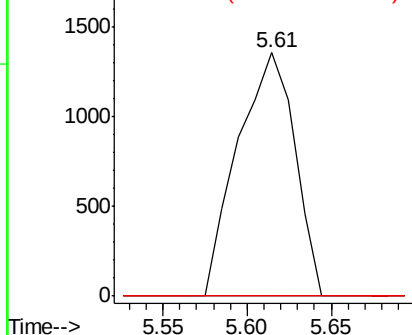


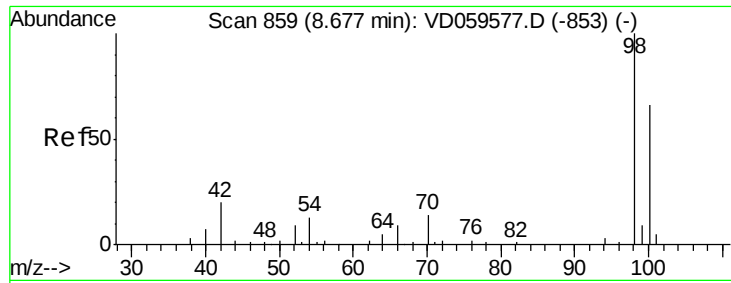
#38
 Carbon Tetrachloride
 Concen: 4.277 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: VD059621.D
 Acq: 27 Jul 2018 19:51

Tgt Ion: 117 Resp: 3166
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#



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

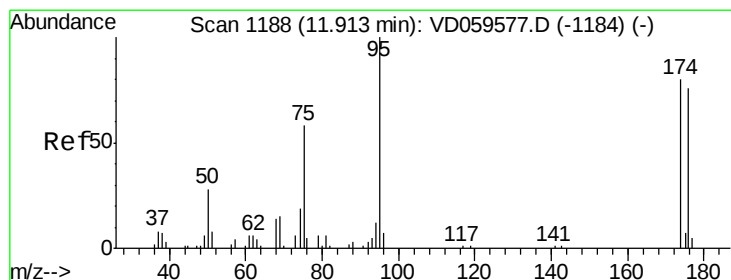
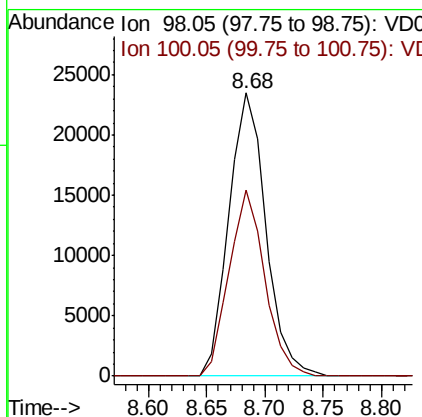
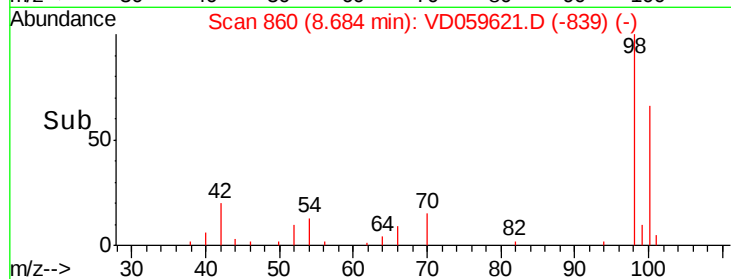
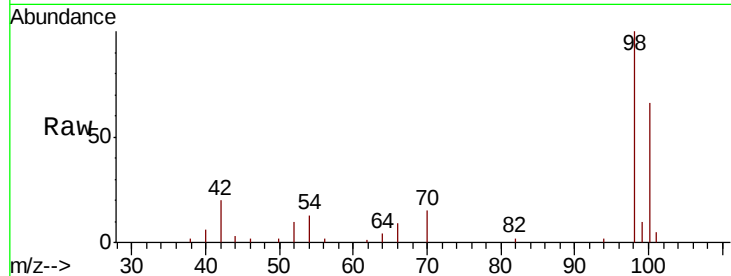




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

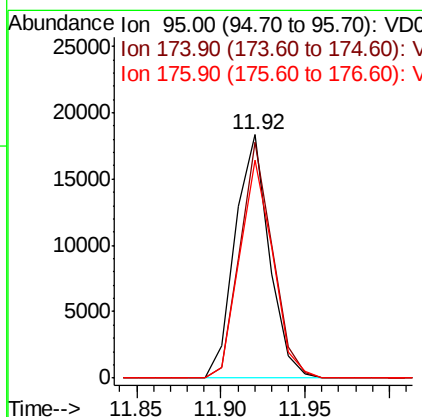
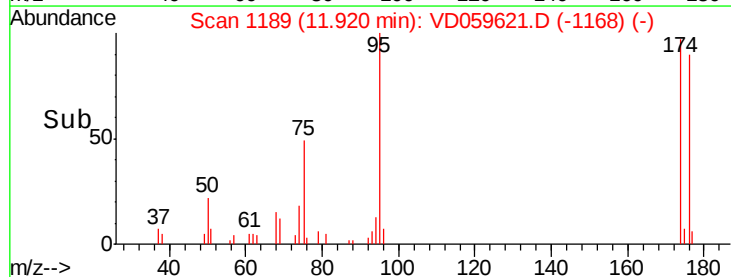
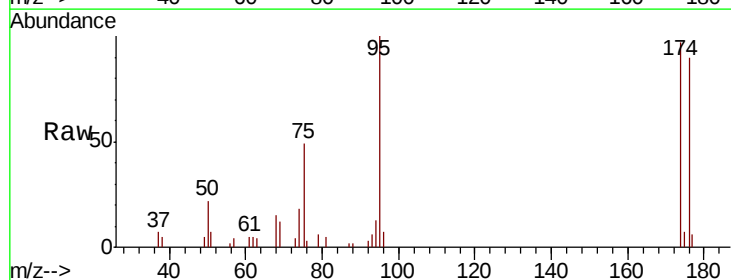
Instrument :
MSVOA_D
ClientSampled :

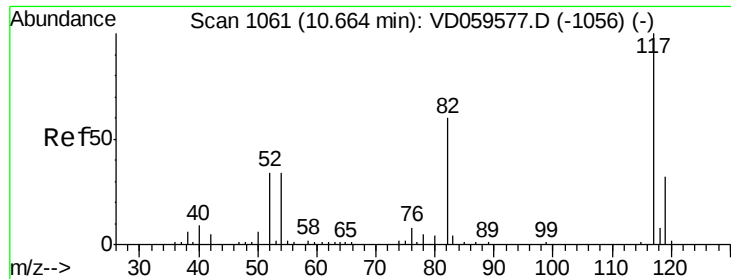
Tot Ion: 98 Resp: 51729
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Tgt Ion: 95 Resp: 25756
Ion Ratio Lower Upper
95 100
174 96.7 0.0 160.6
176 89.6 0.0 152.8

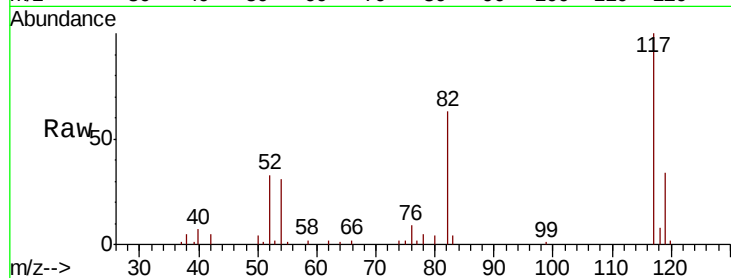




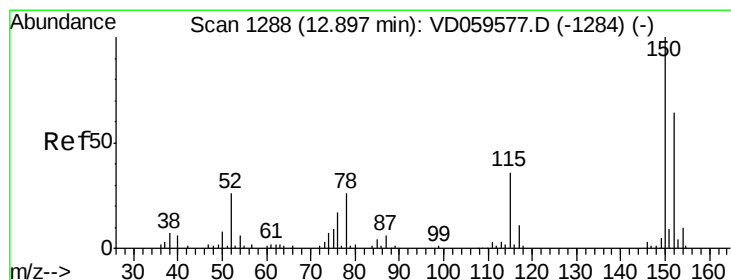
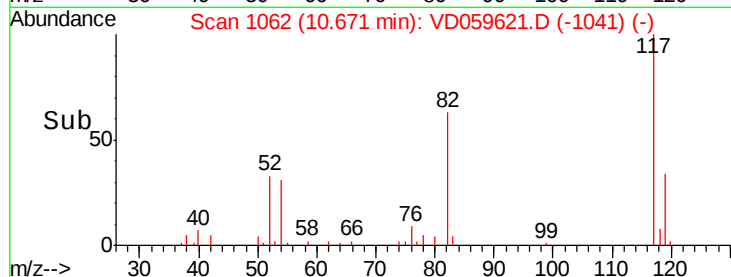
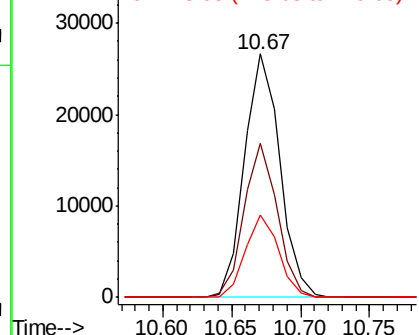
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 47809
Ion Ratio Lower Upper
117 100
82 63.0 48.2 72.2
119 33.8 25.4 38.2

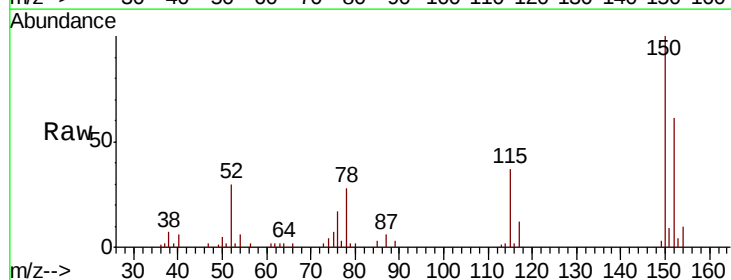


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

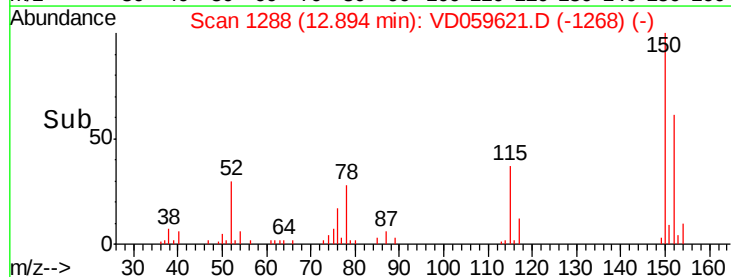
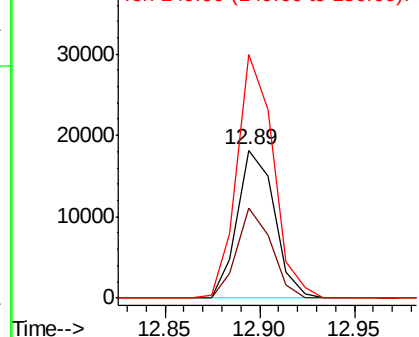


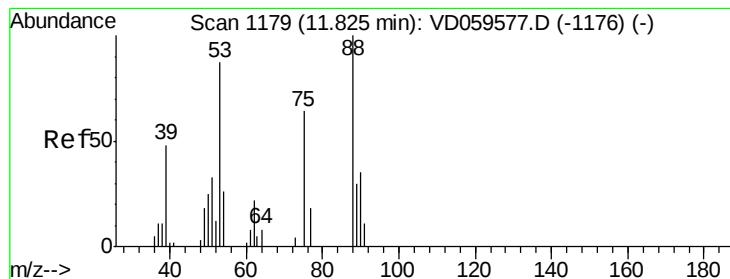
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059621.D
Acq: 27 Jul 2018 19:51

Tgt Ion:152 Resp: 24577
Ion Ratio Lower Upper
152 100
115 60.6 29.5 88.6
150 164.8 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: 127.376 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059621.D

Acq: 27 Jul 2018 19:51

Instrument :

MSVOA_D

ClientSampleId :

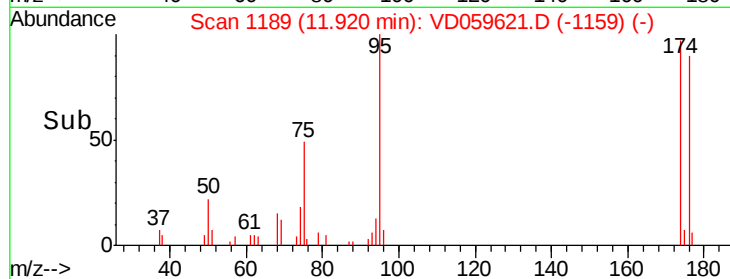
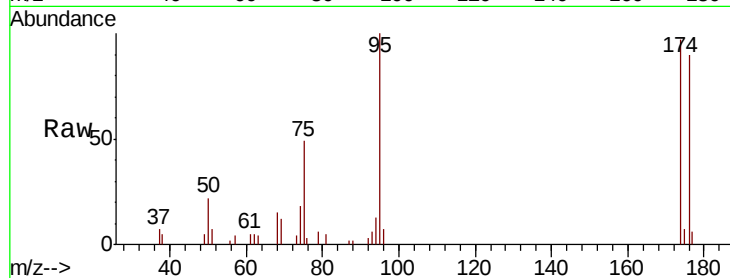
Tot Ion: 75 Resp: 13236

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



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

