

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061585.D
 Acq On : 4 Apr 2019 18:08
 Operator : VA/AP
 Sample : K2245-06
 Misc : 4.54g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 01:39:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

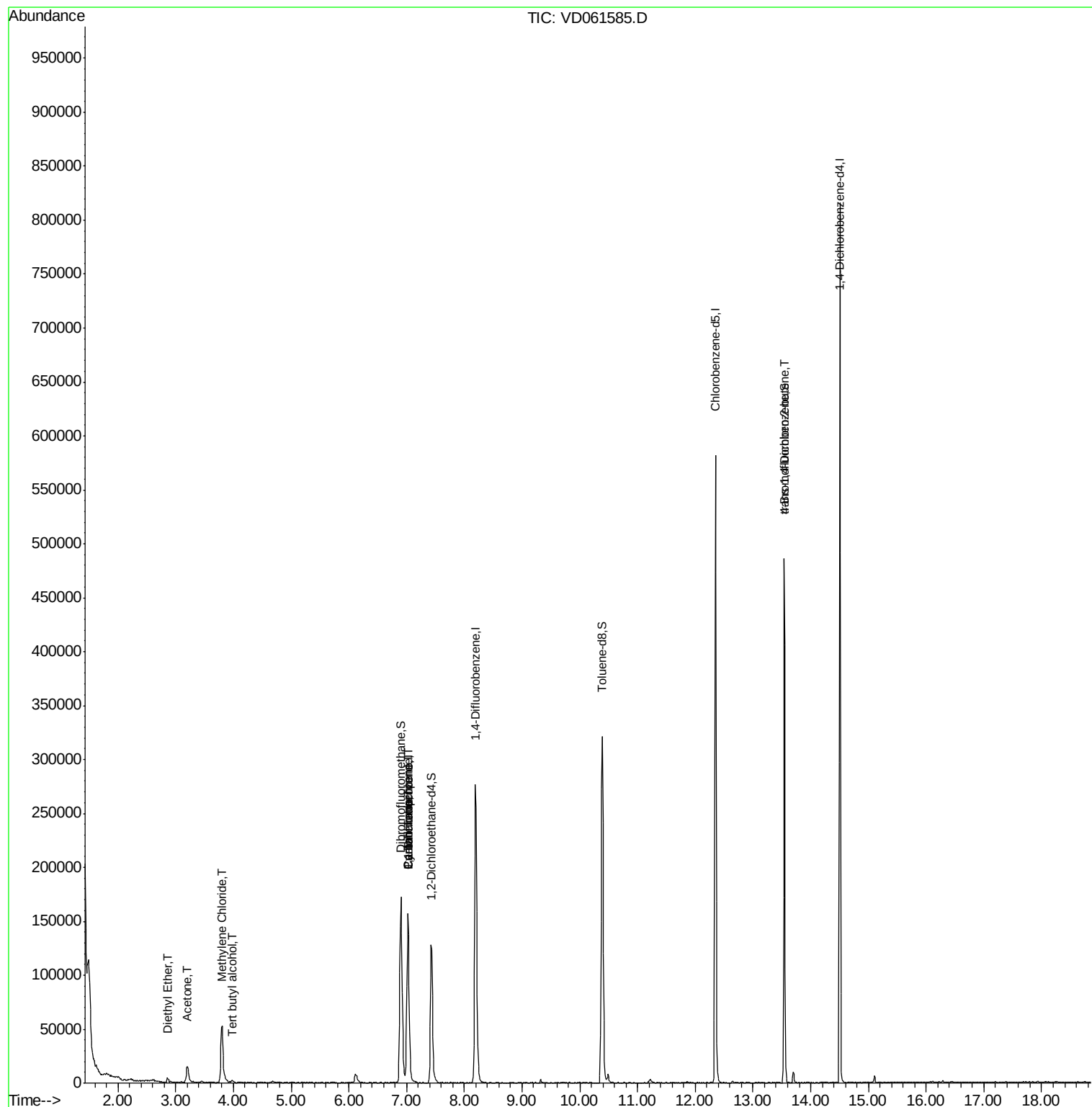
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	168919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	347277	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	366449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	182993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	130019	90.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.20%	
35) Dibromofluoromethane	6.90	113	164843	62.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.22%	
50) Toluene-d8	10.39	98	292522	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	13.54	95	160287	65.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.34%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.87	74	1520	2.403	ug/l	65
11) Tert butyl alcohol	3.97	59	1142	12.708	ug/l #	76
16) Acetone	3.20	43	32573	87.812	ug/l	94
20) Methylene Chloride	3.79	84	41443	18.743	ug/l	96
31) Cyclohexane	7.02	56	2703	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	11720	3.867	ug/l #	45
38) Carbon Tetrachloride	7.02	117	15687	4.504	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.54	75	57322	71.122	ug/l #	18

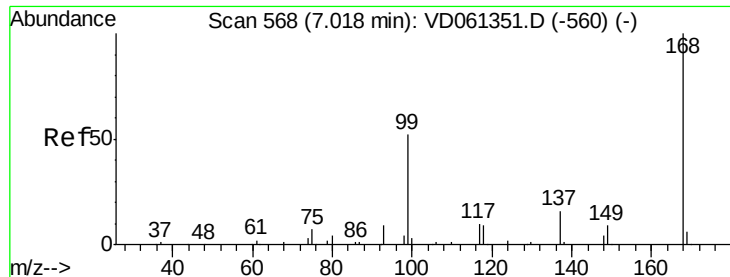
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 05 01:39:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061585.D

Acq: 4 Apr 2019 18:08

Instrument :

MSVOA_D

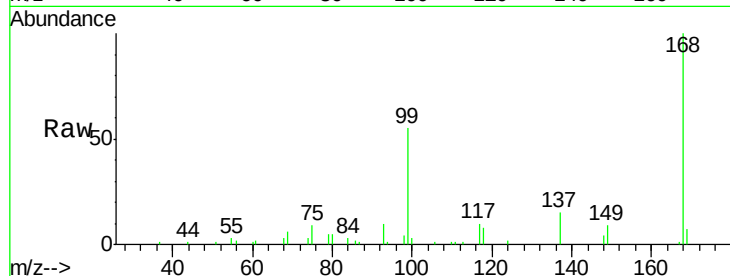
ClientSampleId :

Tot Ion:168 Resp: 168919

Ion Ratio Lower Upper

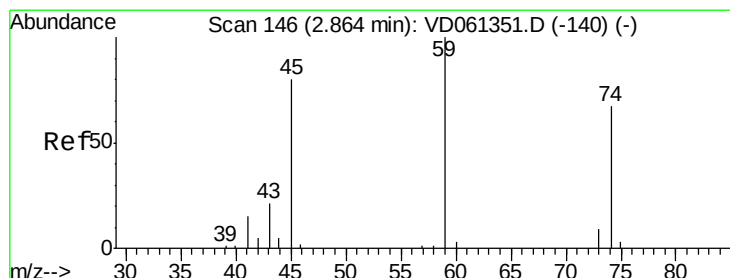
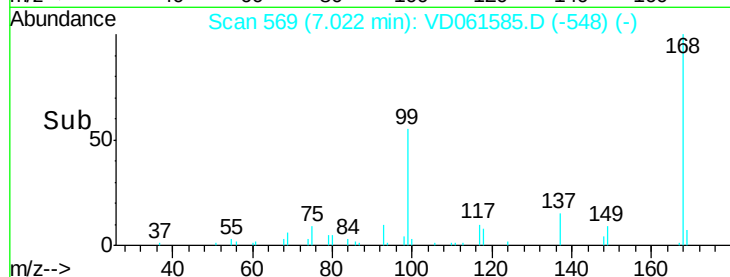
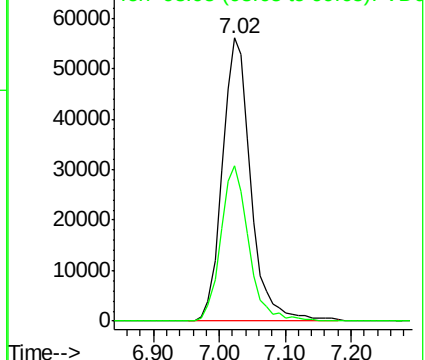
168 100

99 54.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.403 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD061585.D

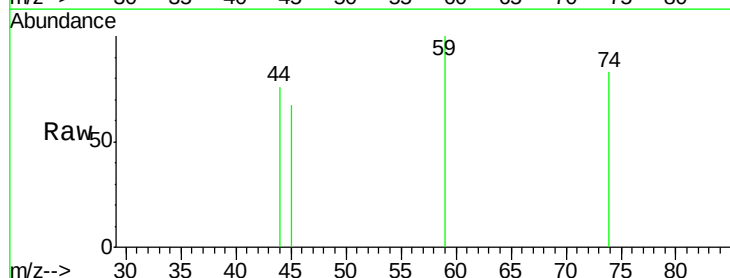
Acq: 4 Apr 2019 18:08

Tgt Ion: 74 Resp: 1520

Ion Ratio Lower Upper

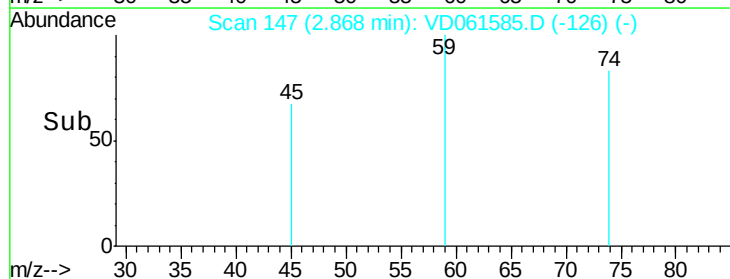
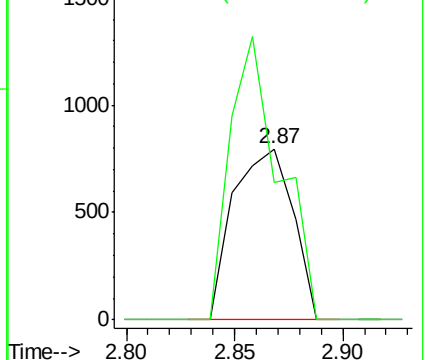
74 100

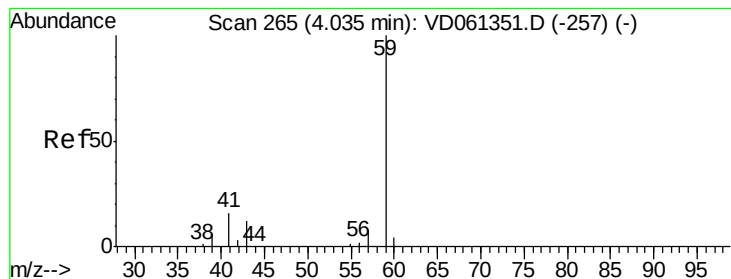
45 80.3 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



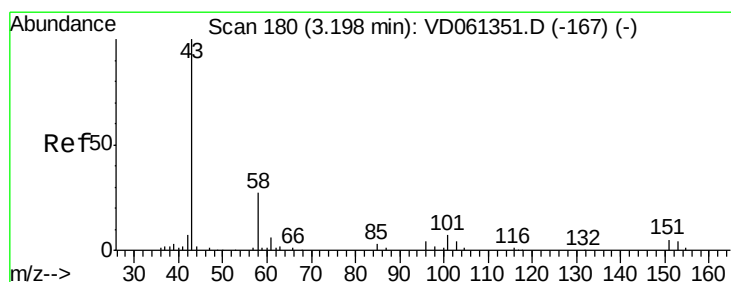
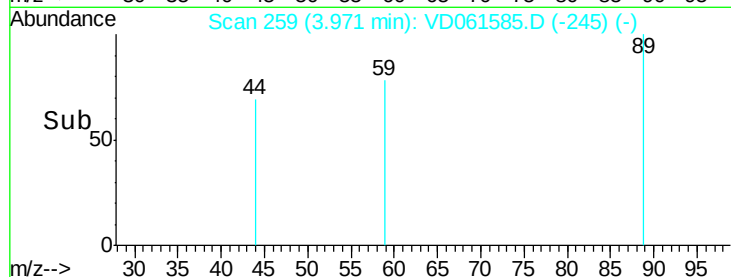
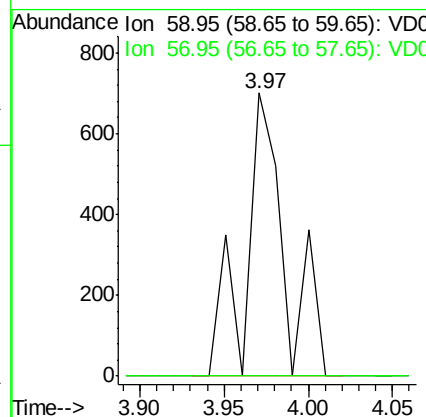
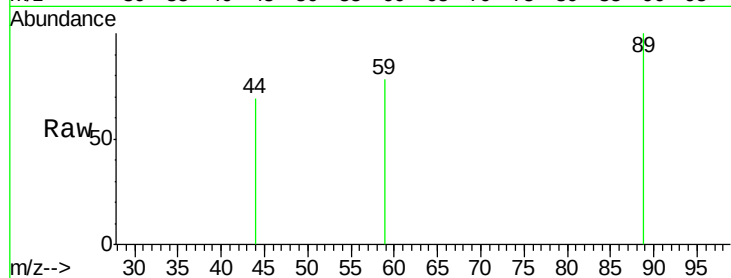


#11

Tert butyl alcohol
 Concen: 12.708 ug/l
 RT: 3.97 min Scan# 259
 Delta R.T. -0.06 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

Instrument :
 MSVOA_D
 ClientSampled :

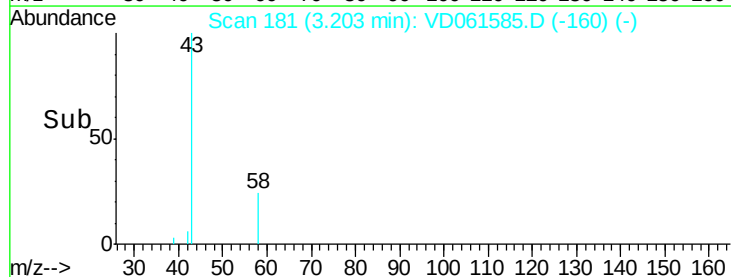
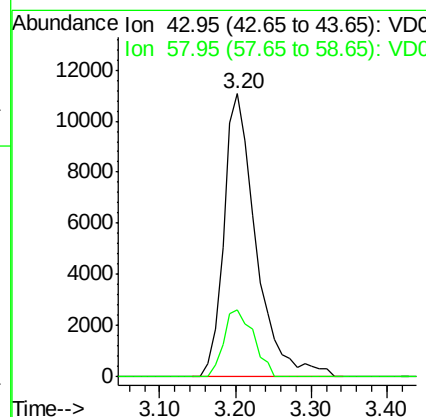
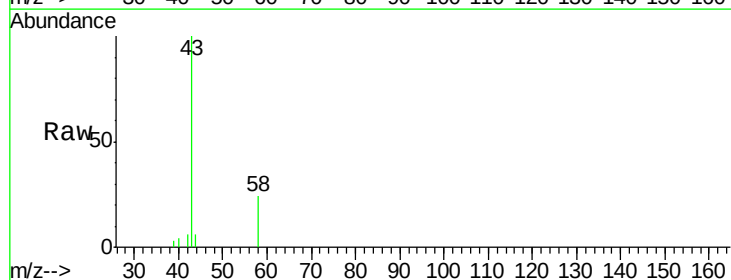
Tot Ion: 59 Resp: 1142
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

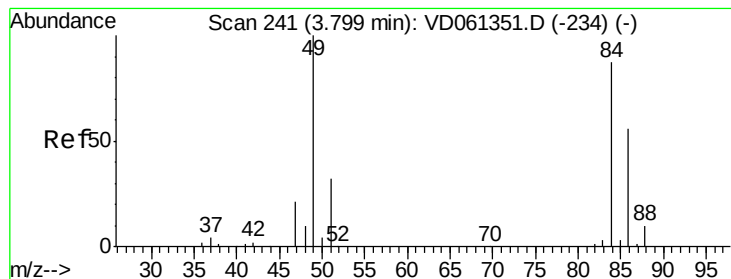


#16

Acetone
 Concen: 87.812 ug/l
 RT: 3.20 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

Tgt Ion: 43 Resp: 32573
 Ion Ratio Lower Upper
 43 100
 58 23.7 21.5 32.3





#20

Methylene Chloride

Concen: 18.743 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD061585.D

Acq: 4 Apr 2019 18:08

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 41443

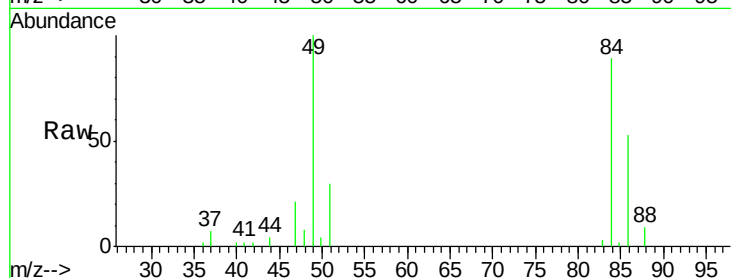
Ion Ratio Lower Upper

84 100

49 112.7 91.8 137.8

51 33.7 29.8 44.8

86 59.6 51.8 77.6

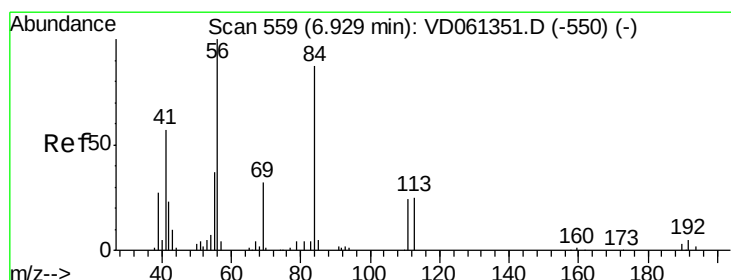
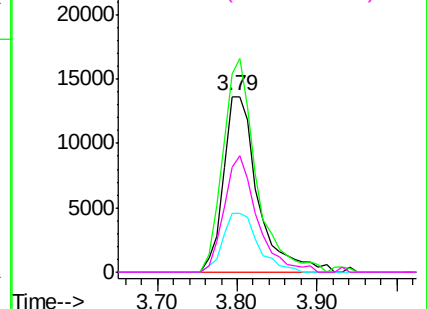
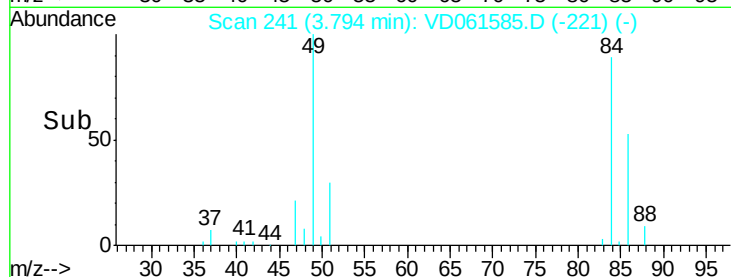


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.09 min

Lab File: VD061585.D

Acq: 4 Apr 2019 18:08

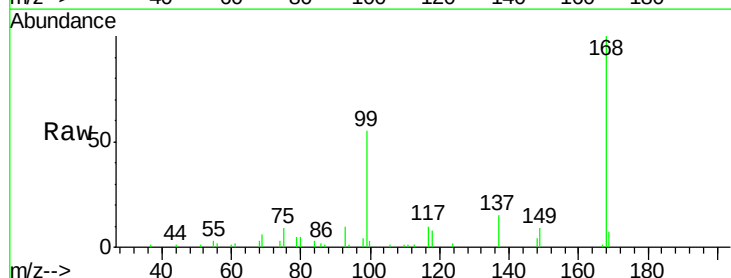
Tgt Ion: 56 Resp: 2703

Ion Ratio Lower Upper

56 100

69 295.5 25.7 38.5#

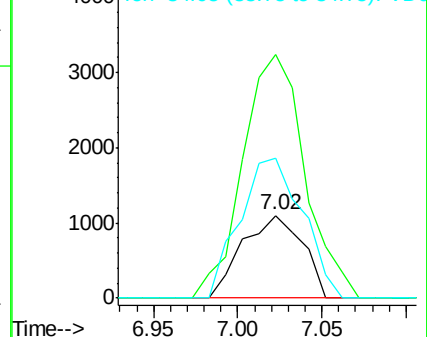
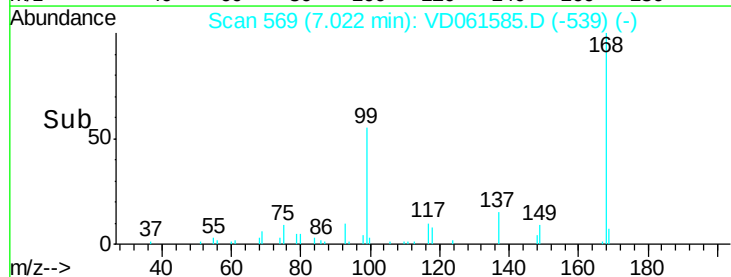
84 169.7 70.6 105.8#

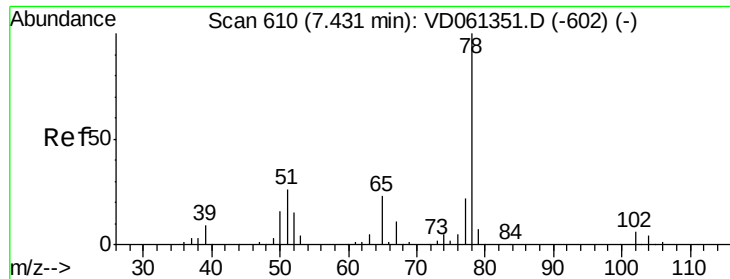


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

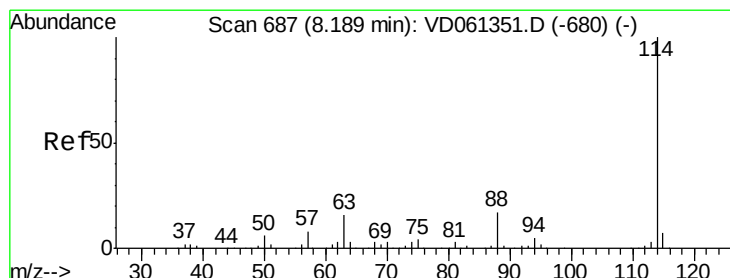
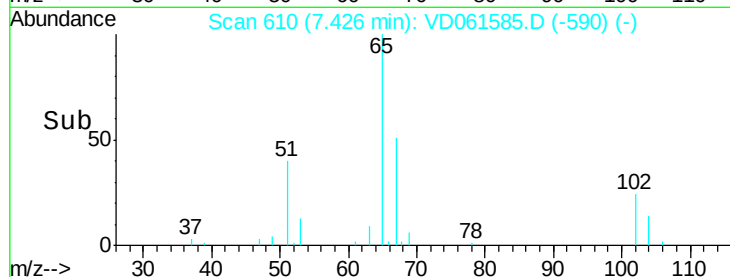
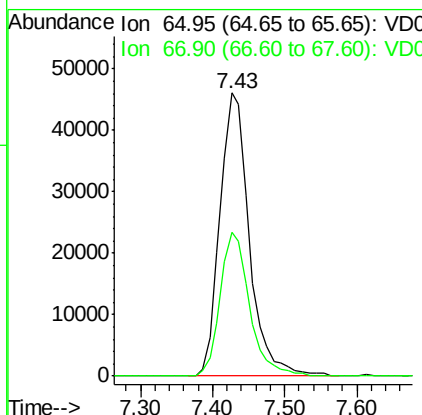
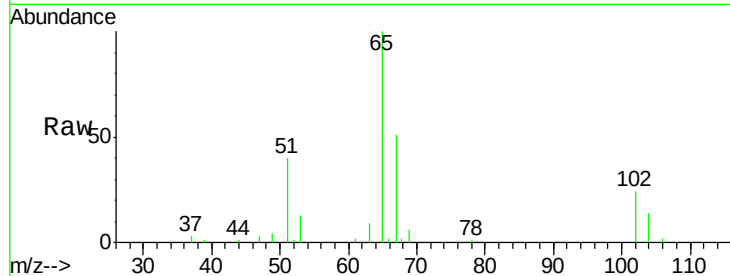




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

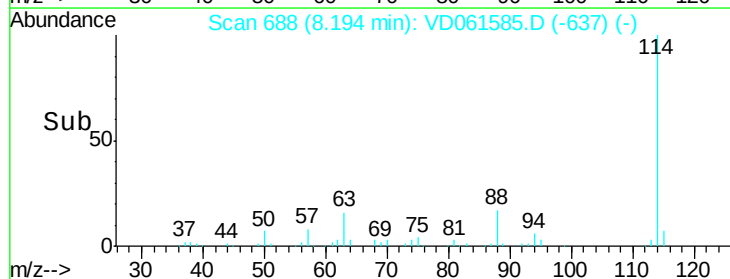
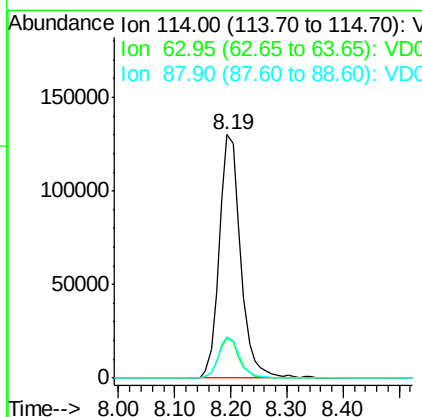
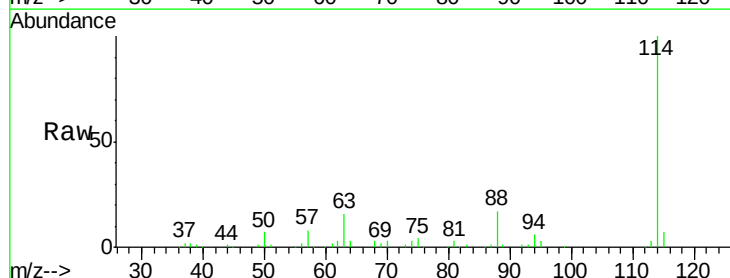
Instrument :
 MSVOA_D
 ClientSampleId :

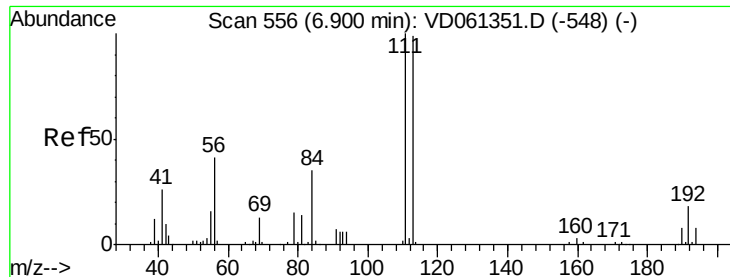
Tot Ion: 65 Resp: 130019
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

Tgt Ion: 114 Resp: 347277
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.6
 88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD061585.D

Acq: 4 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampleId :

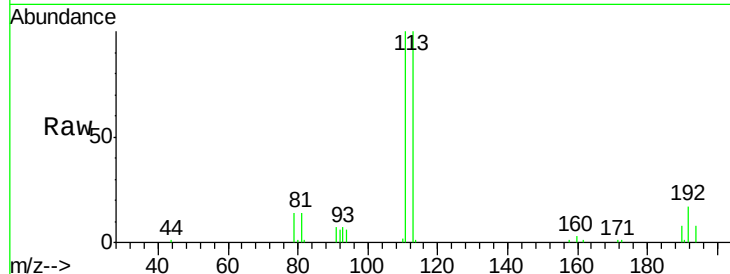
Tot Ion:113 Resp: 164843

Ion Ratio Lower Upper

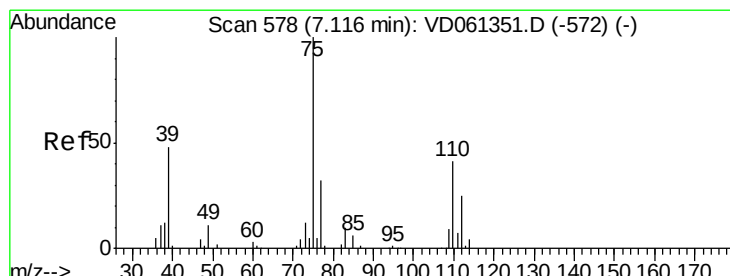
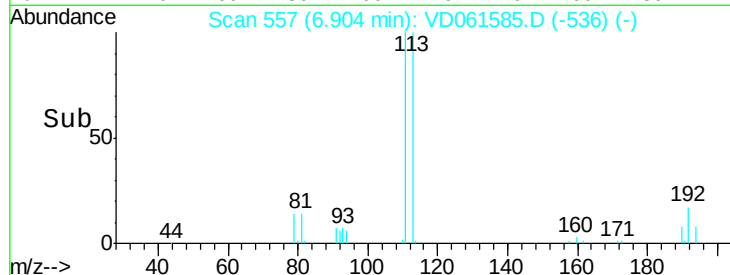
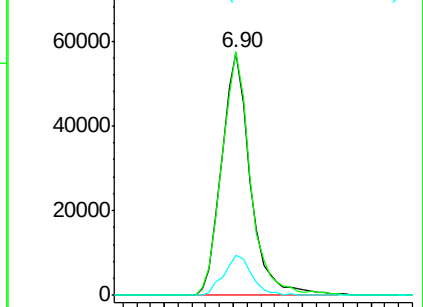
113 100

111 100.3 81.0 121.6

192 16.7 14.4 21.6



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: 3.867 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD061585.D

Acq: 4 Apr 2019 18:08

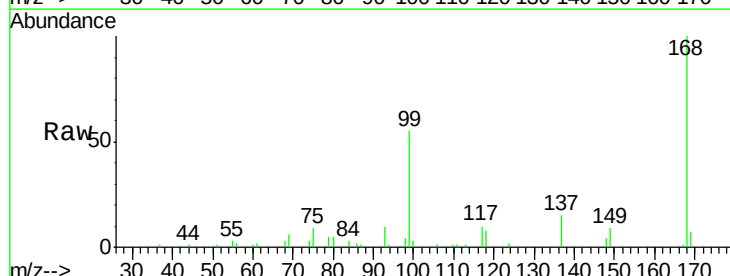
Tgt Ion: 75 Resp: 11720

Ion Ratio Lower Upper

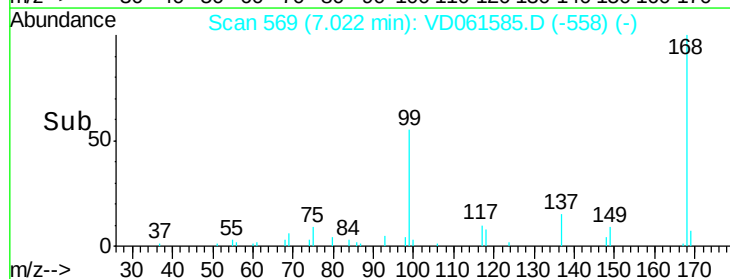
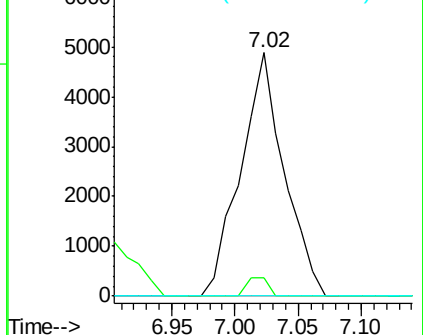
75 100

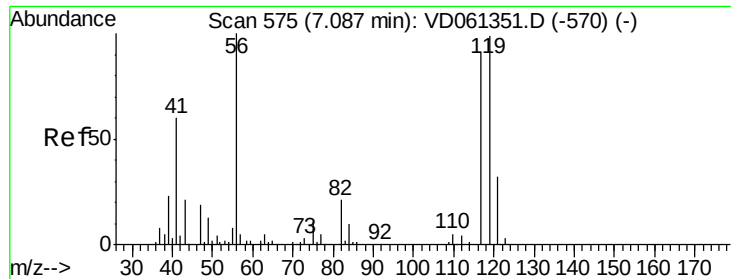
110 7.4 20.4 61.3#

77 0.0 24.9 37.3#



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

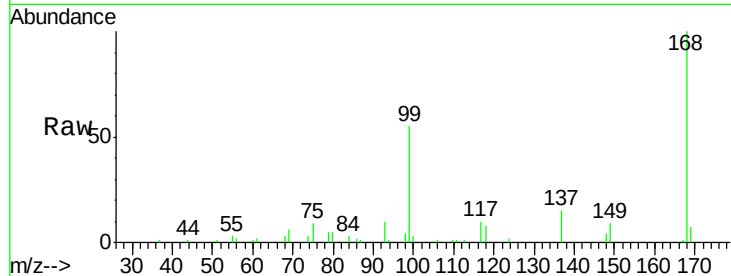




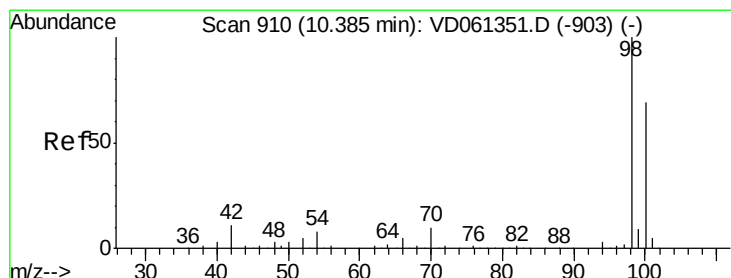
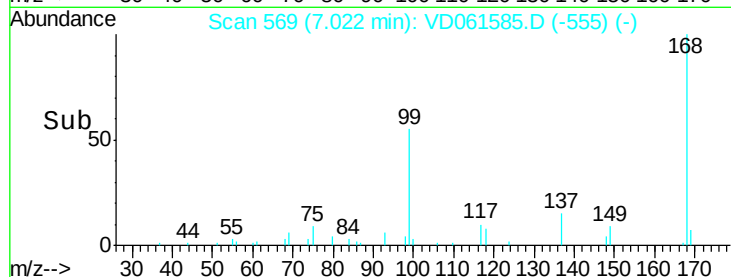
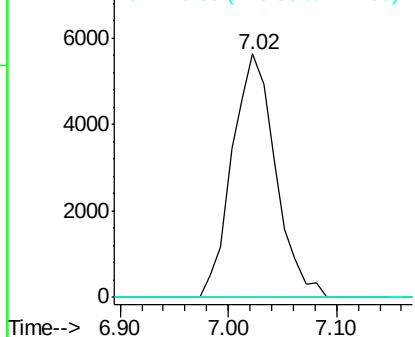
#38
Carbon Tetrachloride
Concen: 4.504 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 15687
Ion Ratio Lower Upper
117 100
119 0.0 80.1 120.1#
121 0.0 25.6 38.4#

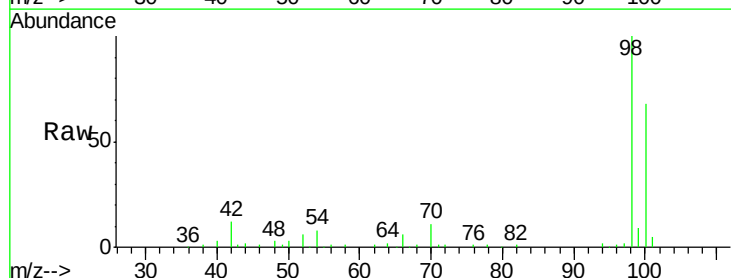


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

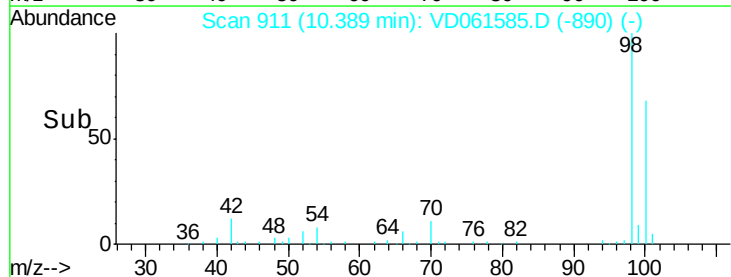
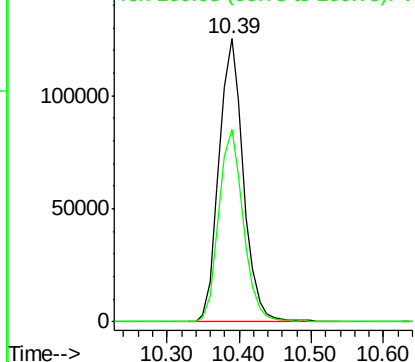


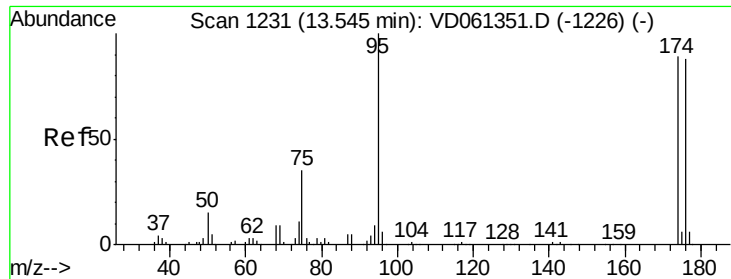
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Tgt Ion: 98 Resp: 292522
Ion Ratio Lower Upper
98 100
100 67.9 56.2 84.2



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

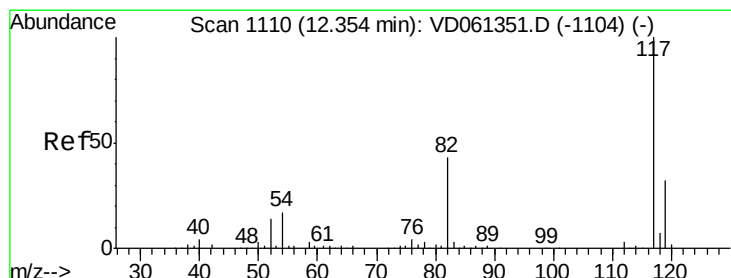
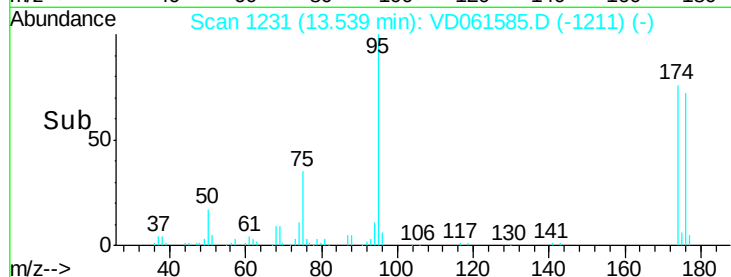
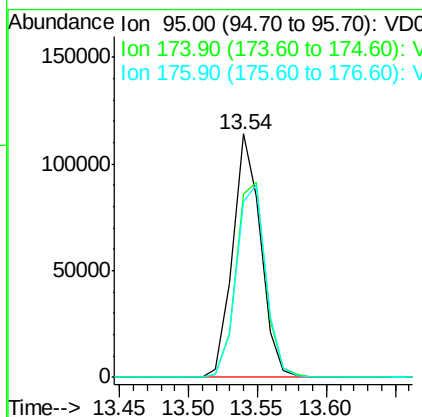
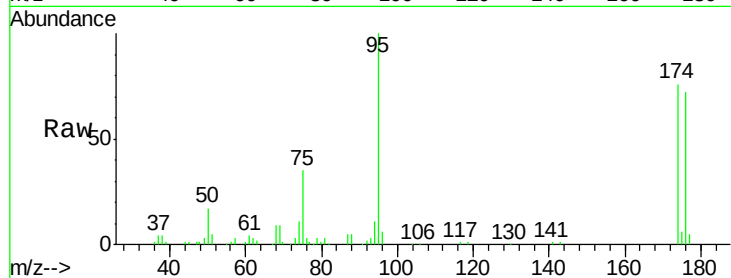




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

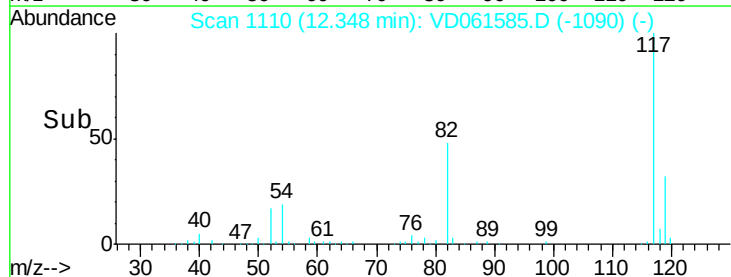
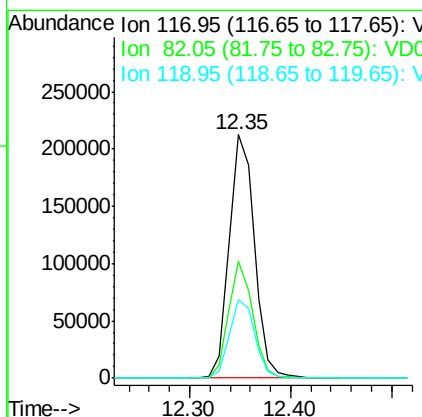
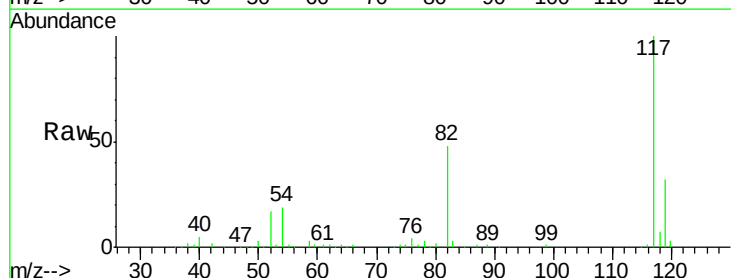
Instrument :
MSVOA_D
ClientSampleId :

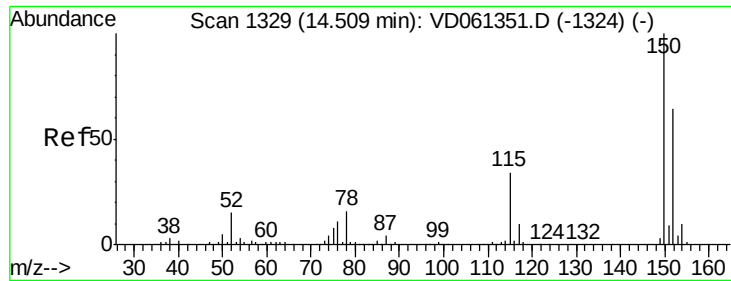
Tot Ion: 95 Resp: 160287
Ion Ratio Lower Upper
95 100
174 75.6 0.0 178.0
176 72.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Tgt Ion: 117 Resp: 366449
Ion Ratio Lower Upper
117 100
82 48.0 34.4 51.6
119 32.4 25.8 38.6



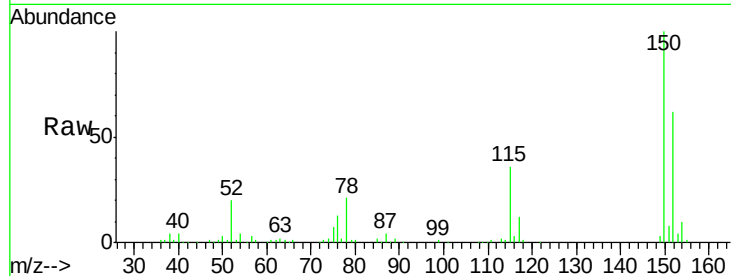


#72

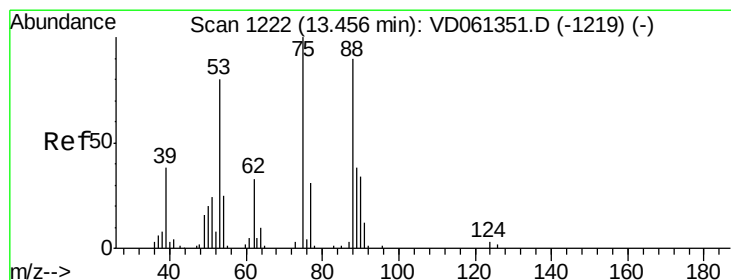
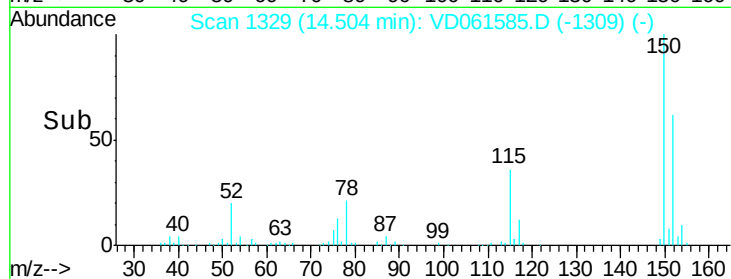
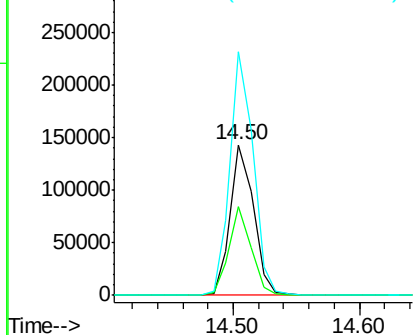
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 182993
Ion Ratio Lower Upper
152 100
115 59.1 26.9 80.6
150 161.9 0.0 318.0



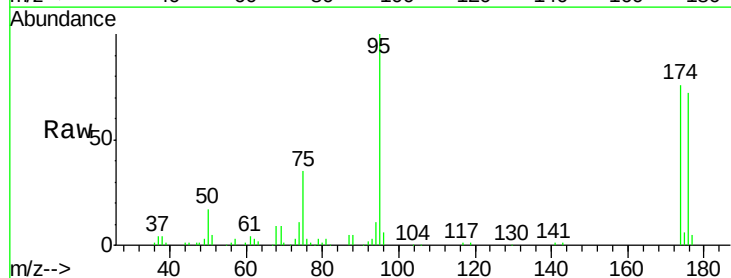
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 71.122 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Tgt Ion: 75 Resp: 57322
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.8#
89 0.0 30.5 45.7#



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

