

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061783.D
 Acq On : 12 Apr 2019 17:30
 Operator : VA/AP
 Sample : K2343-02RE
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 23:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

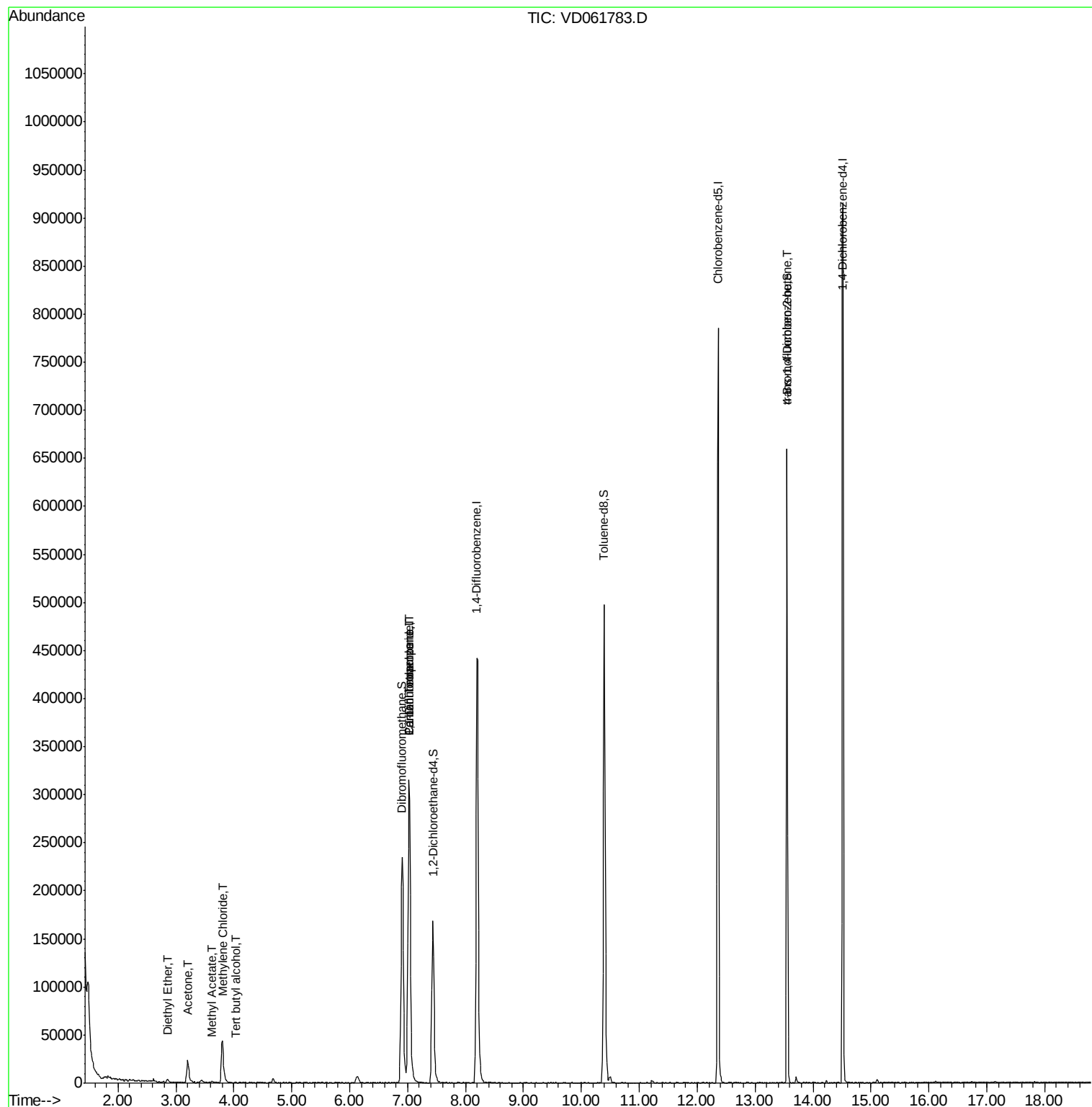
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	319582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	548837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	490265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	237846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	170600	70.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	140.86%	
35) Dibromofluoromethane	6.91	113	225407	59.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	10.39	98	443958	46.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	13.55	95	204571	64.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.72%	
Target Compounds						
8) Diethyl Ether	2.86	74	1843	1.671	ug/l	80
11) Tert butyl alcohol	4.04	59	207	1.275	ug/l #	72
16) Acetone	3.20	43	44136	60.950	ug/l	95
18) Methyl Acetate	3.62	43	1414	1.038	ug/l #	53
20) Methylene Chloride	3.80	84	32920	8.011	ug/l	94
36) 1,1-Dichloropropene	7.02	75	23997	4.996	ug/l #	46
38) Carbon Tetrachloride	7.02	117	31188	5.540	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	79277	80.735	ug/l #	20

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041219\
Data File : VD061783.D
Acq On : 12 Apr 2019 17:30
Operator : VA/AP
Sample : K2343-02RE
Misc : 5.57g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 23:17:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

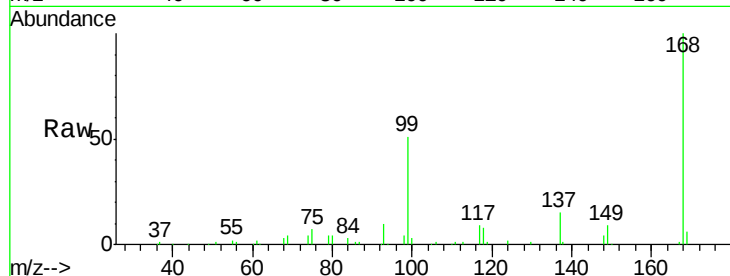
ClientSampleId :

Tot Ion:168 Resp: 319582

Ion Ratio Lower Upper

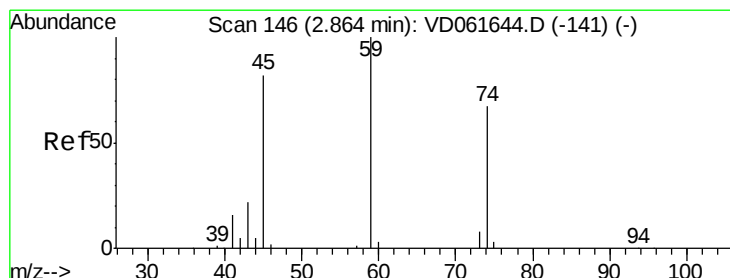
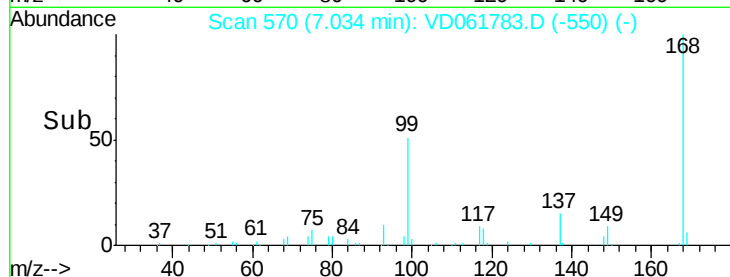
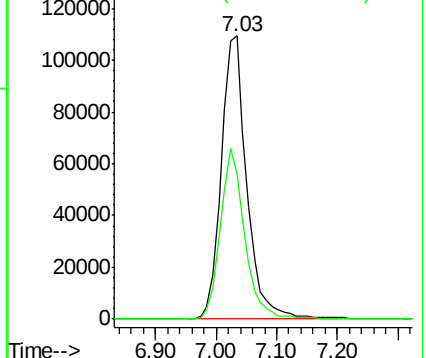
168 100

99 51.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.671 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.00 min

Lab File: VD061783.D

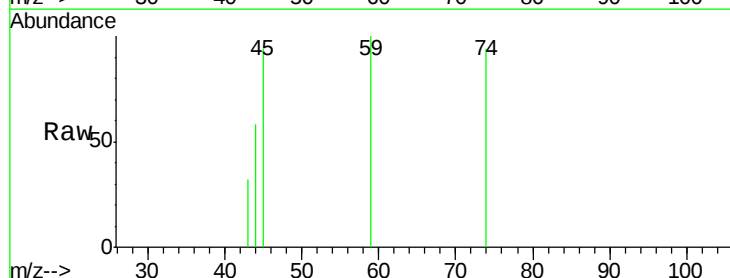
Acq: 12 Apr 2019 17:30

Tgt Ion: 74 Resp: 1843

Ion Ratio Lower Upper

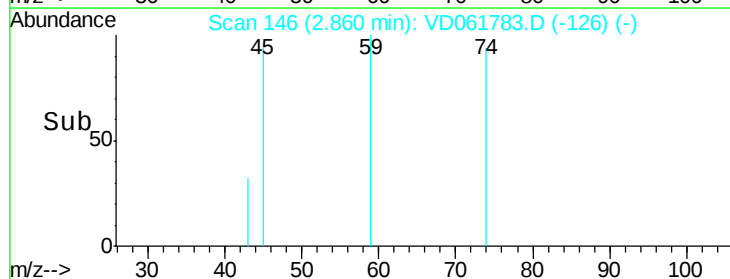
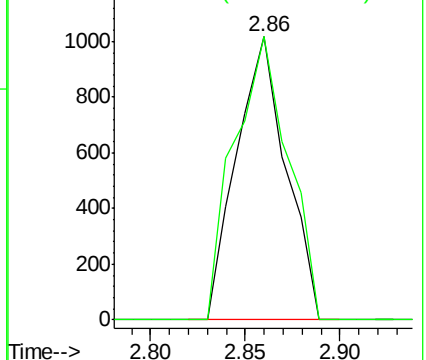
74 100

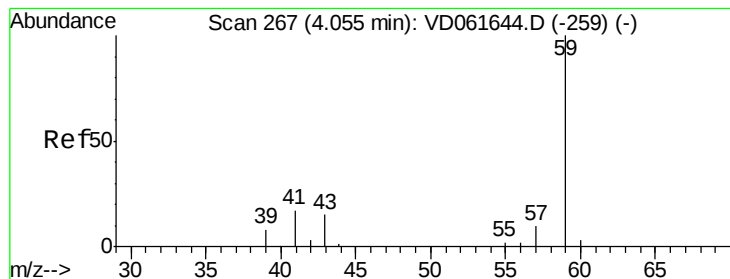
45 100.1 61.0 183.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



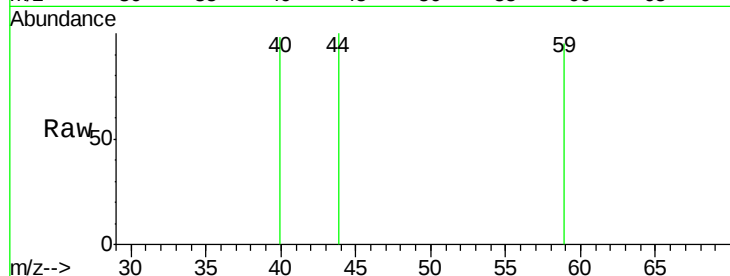


#11

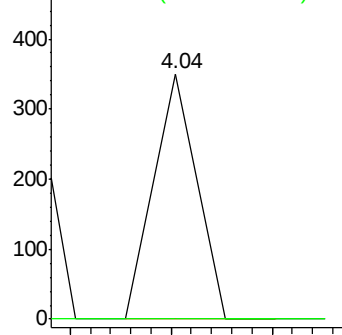
Tert butyl alcohol
 Concen: 1.275 ug/l
 RT: 4.04 min Scan# 266
 Delta R.T. -0.01 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Instrument :
 MSVOA_D
 ClientSampleID :

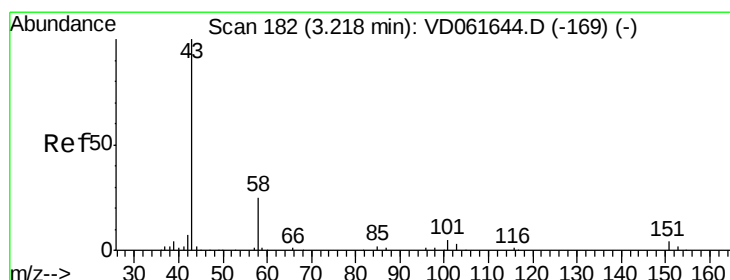
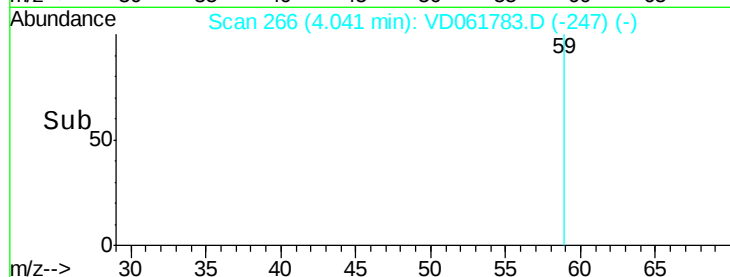
Tot Ion: 59 Resp: 207
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



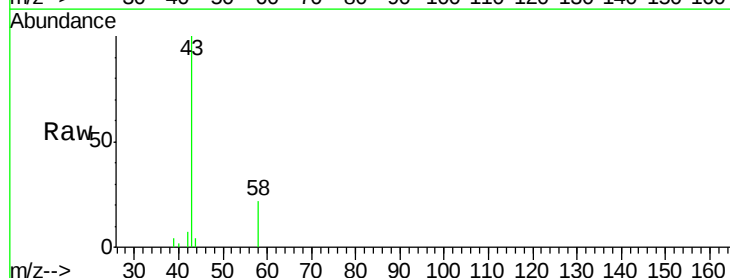
Time-->



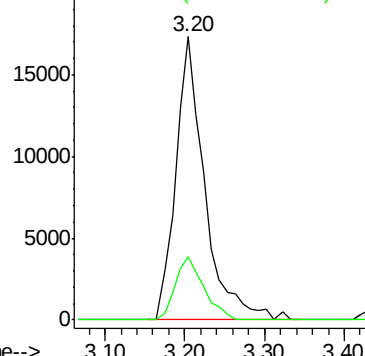
#16

Acetone
 Concen: 60.950 ug/l
 RT: 3.20 min Scan# 181
 Delta R.T. -0.01 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

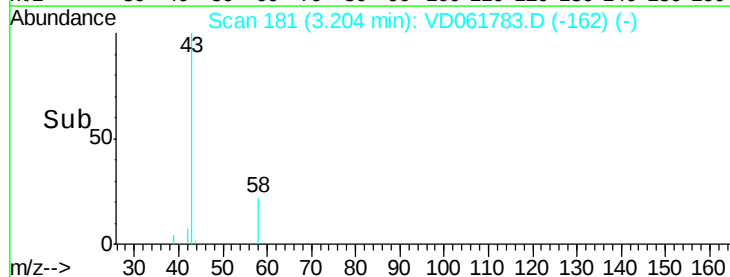
Tgt Ion: 43 Resp: 44136
 Ion Ratio Lower Upper
 43 100
 58 22.3 19.7 29.5

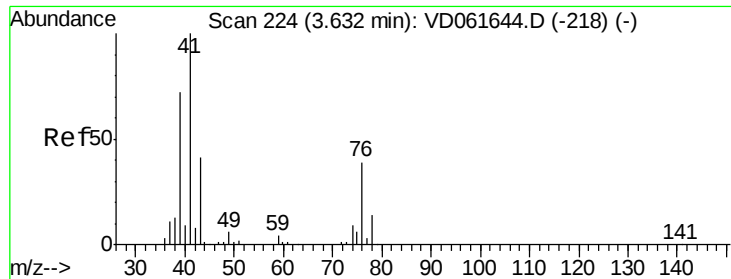


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC



Time-->

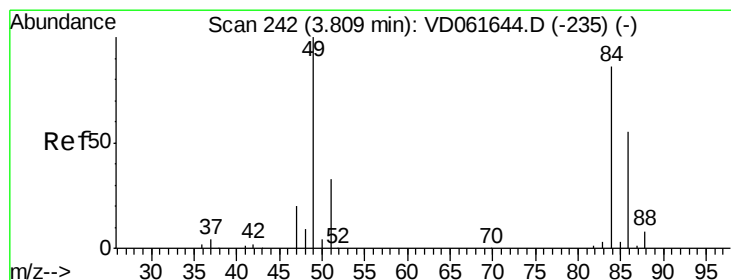
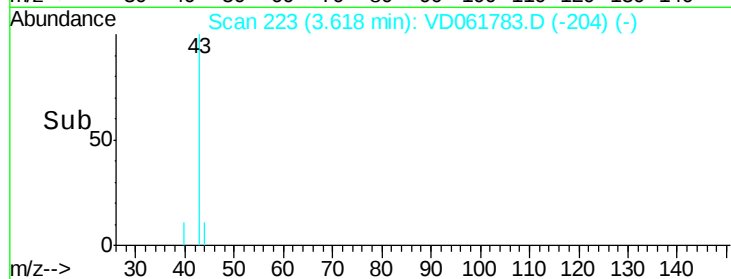
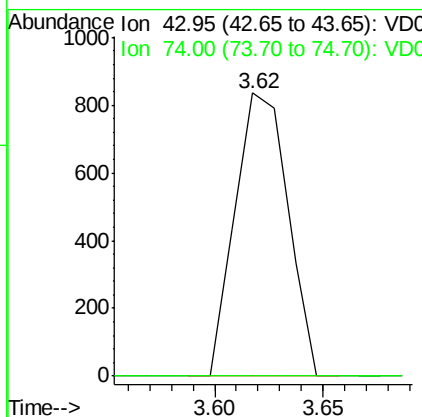
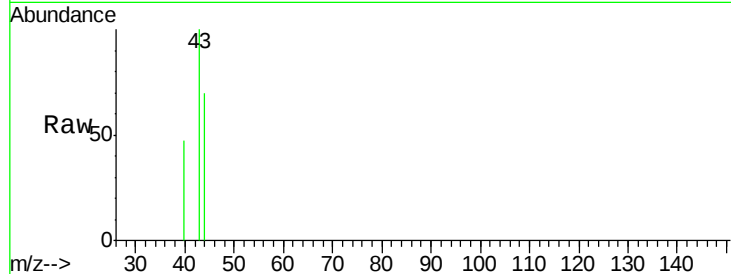




#18
Methyl Acetate
Concen: 1.038 ug/l
RT: 3.62 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

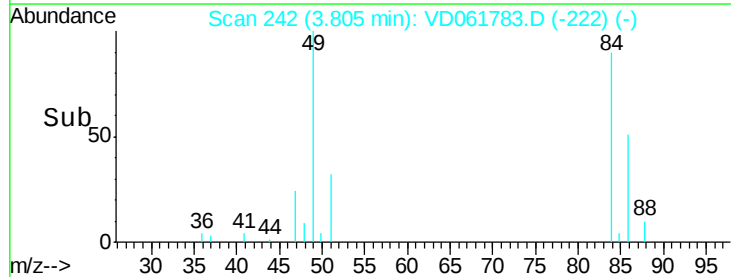
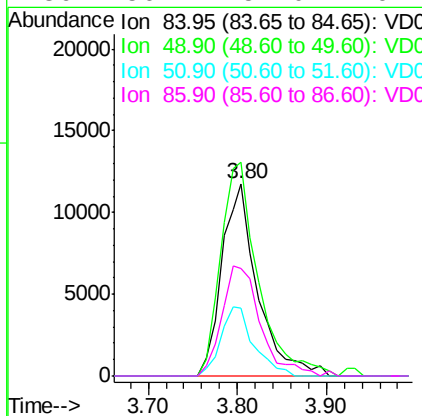
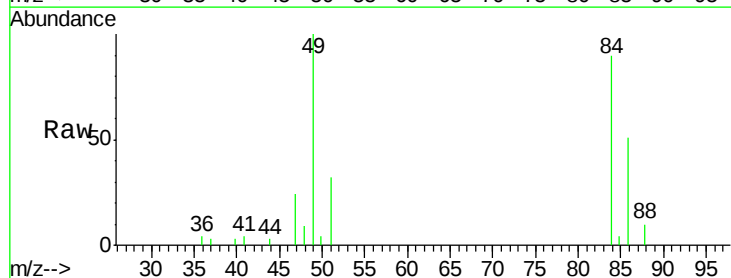
Instrument :
MSVOA_D
ClientSampleId :

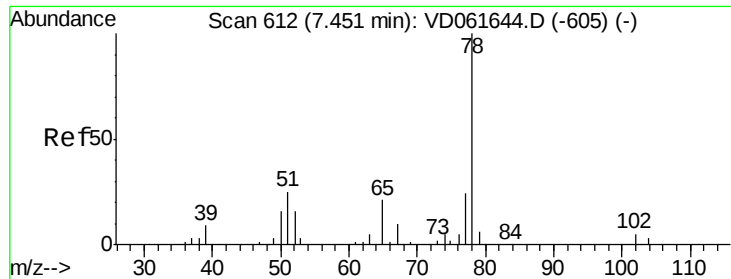
Tot Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 8.011 ug/l
RT: 3.80 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

Tgt Ion: 84 Resp: 32920
Ion Ratio Lower Upper
84 100
49 111.0 93.0 139.4
51 35.0 30.4 45.6
86 56.1 51.0 76.4

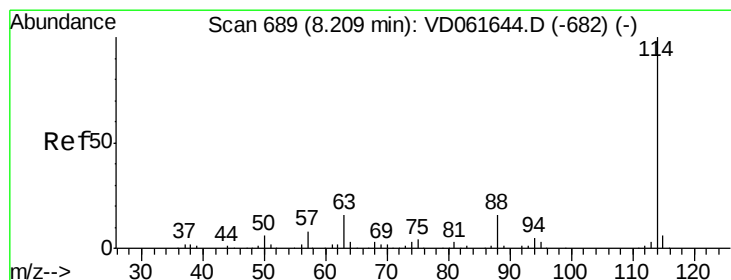
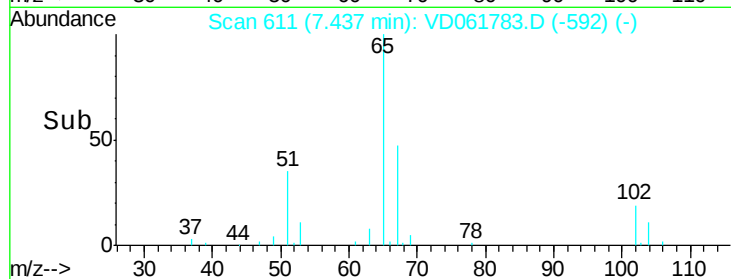
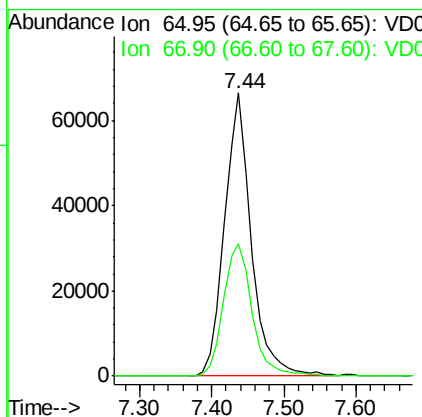
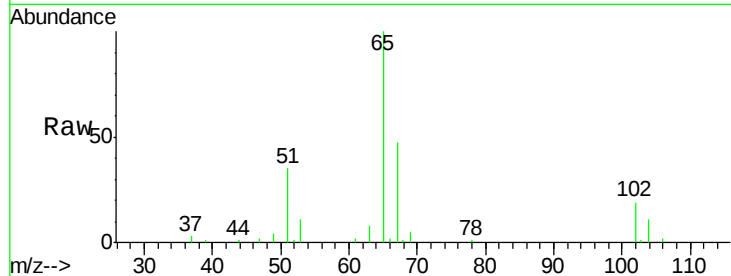




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

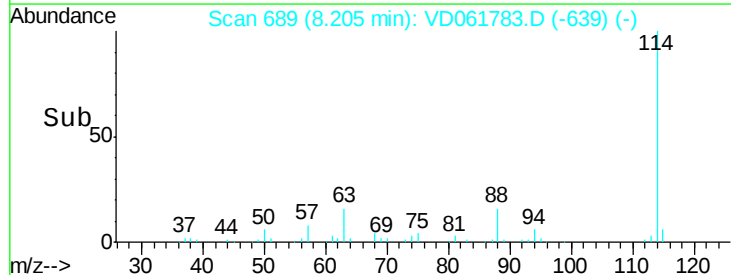
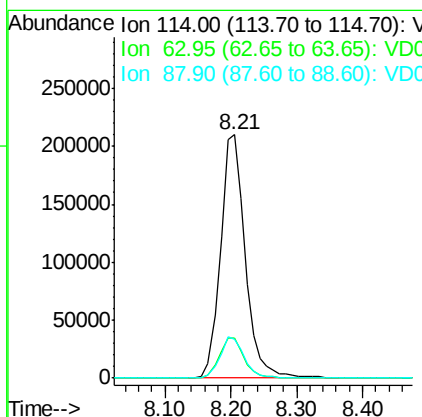
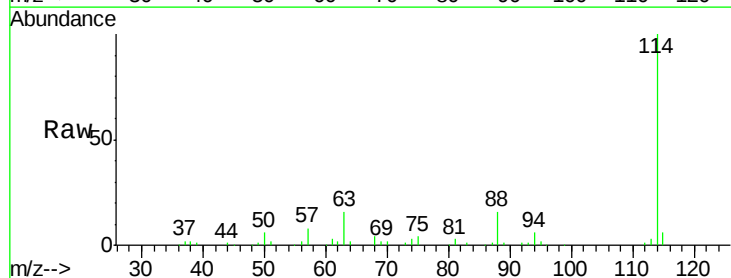
Instrument :
 MSVOA_D
 ClientSampleId :

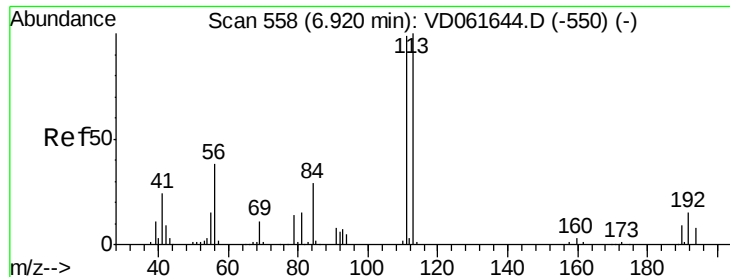
Tot Ion: 65 Resp: 170600
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061783.D
 Acq: 12 Apr 2019 17:30

Tgt Ion:114 Resp: 548837
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.2
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

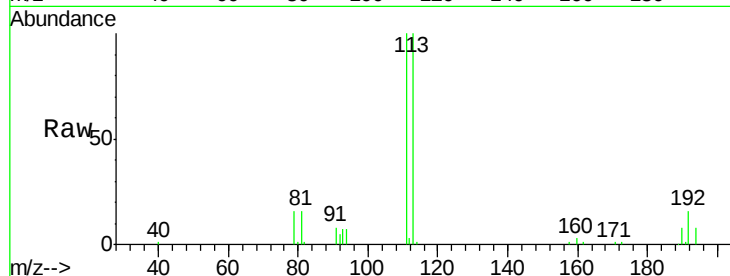
Tot Ion:113 Resp: 225407

Ion Ratio Lower Upper

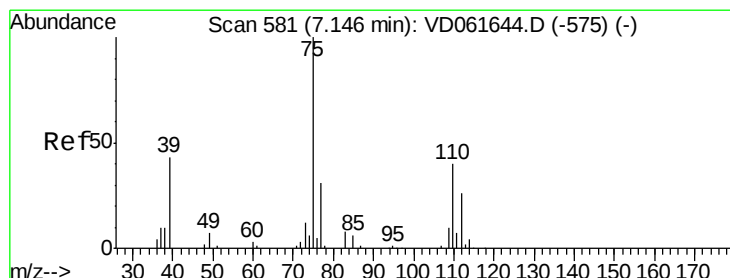
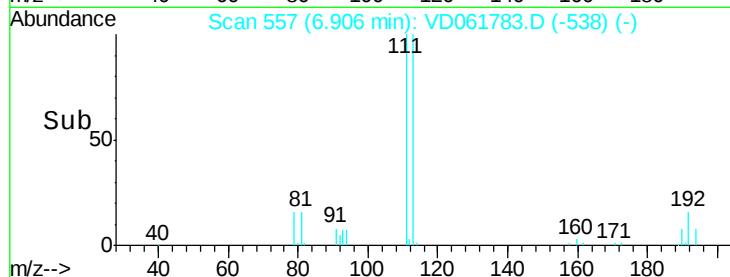
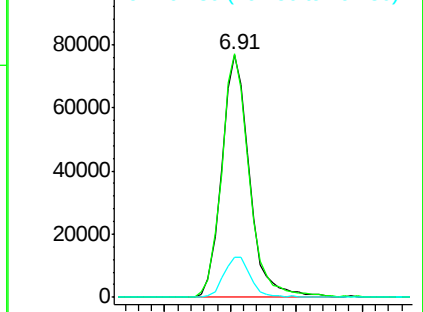
113 100

111 100.3 79.3 118.9

192 16.3 12.3 18.5



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: 4.996 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

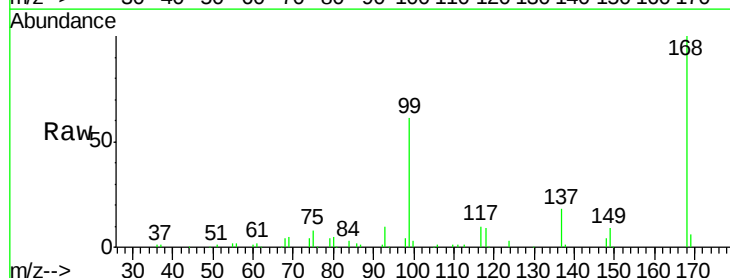
Tgt Ion: 75 Resp: 23997

Ion Ratio Lower Upper

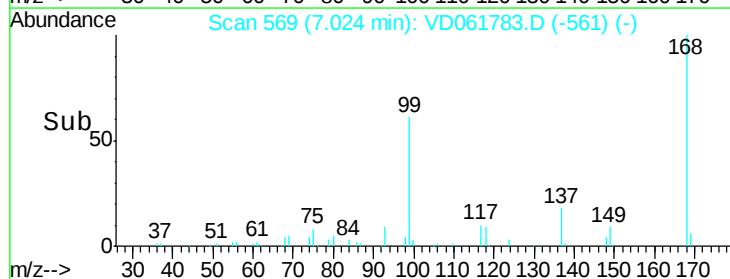
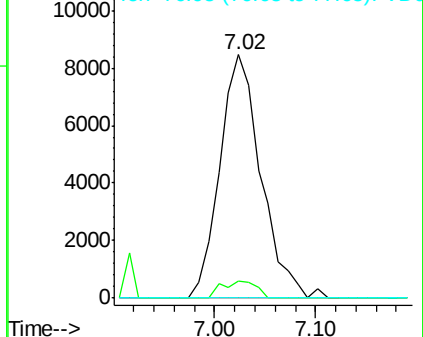
75 100

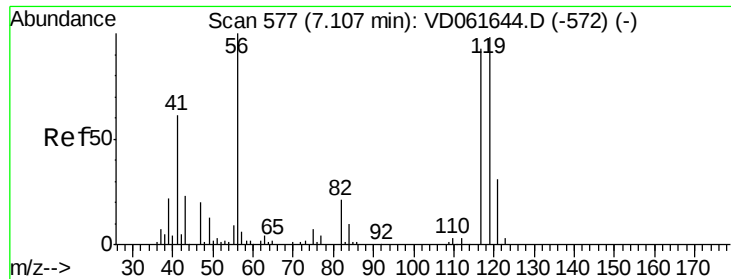
110 7.1 19.7 59.0#

77 0.0 24.8 37.2#



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

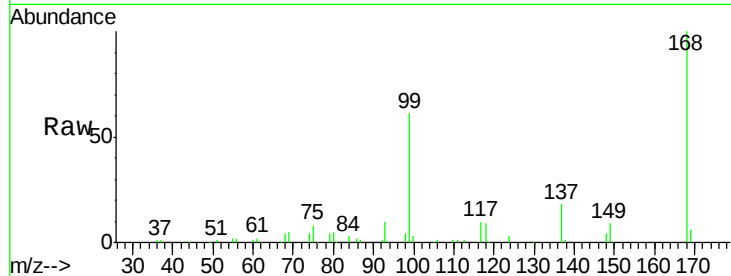




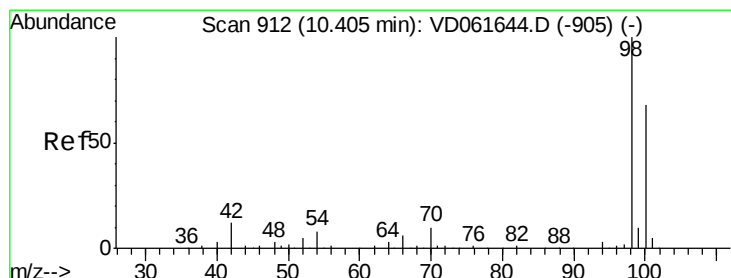
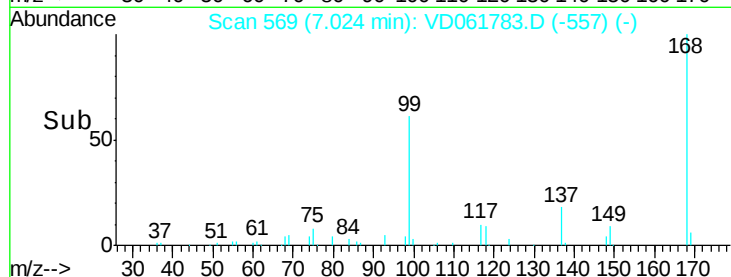
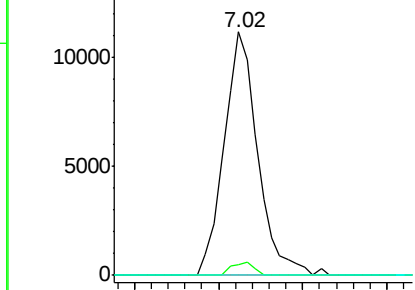
#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.08 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 31188
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.7 37.1#

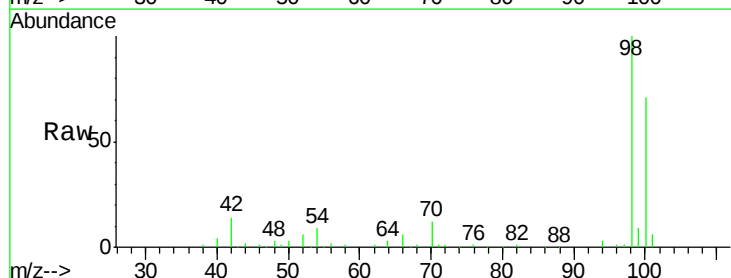


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

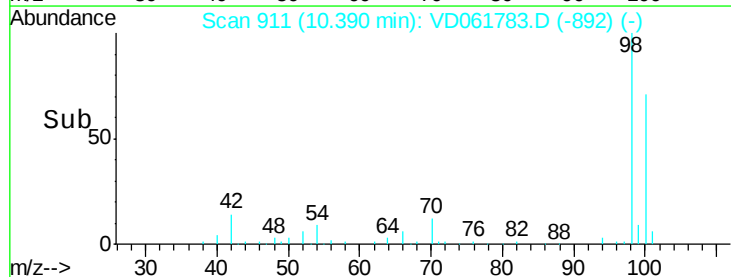
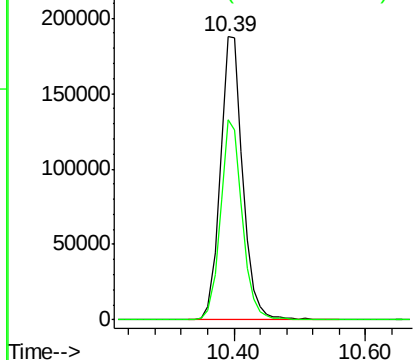


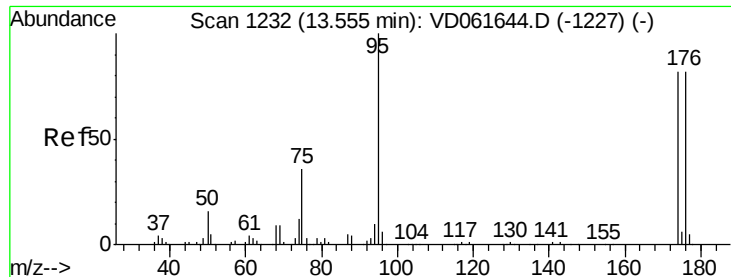
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

Tgt Ion: 98 Resp: 443958
Ion Ratio Lower Upper
98 100
100 70.9 55.4 83.0



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

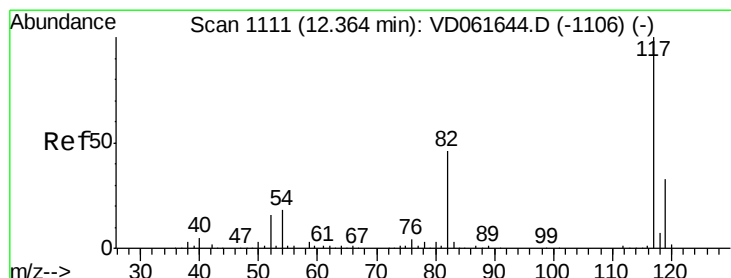
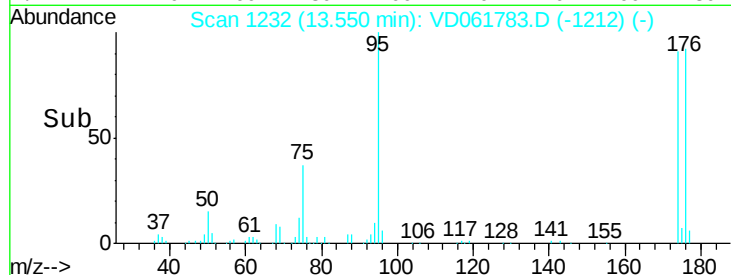
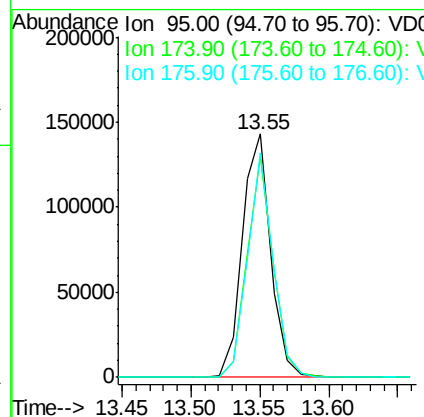
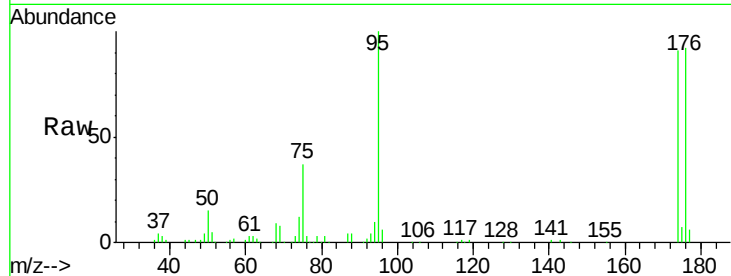




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

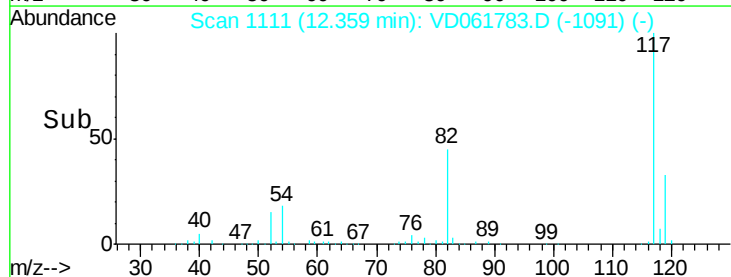
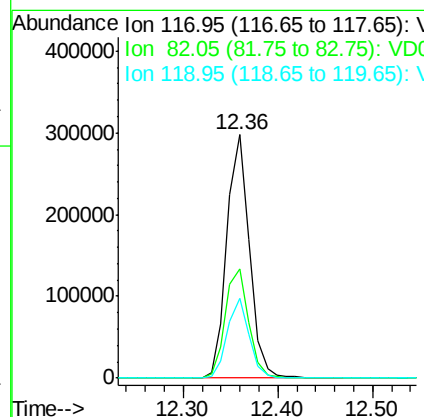
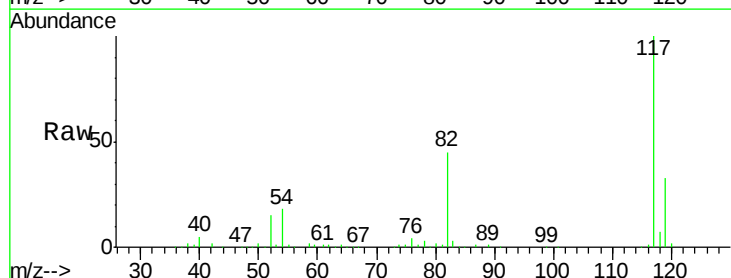
Instrument :
MSVOA_D
ClientSampleId :

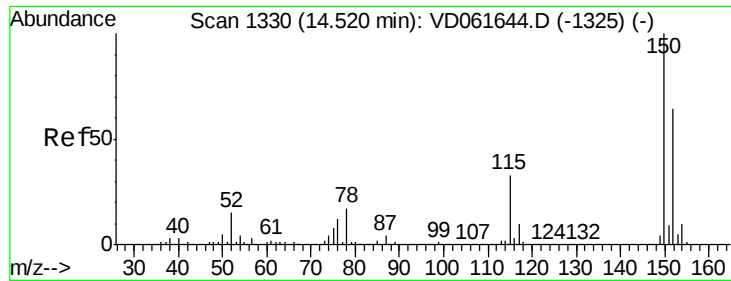
Tot Ion: 95 Resp: 204571
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.6
176 92.0 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061783.D
Acq: 12 Apr 2019 17:30

Tgt Ion: 117 Resp: 490265
Ion Ratio Lower Upper
117 100
82 44.9 36.8 55.2
119 32.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

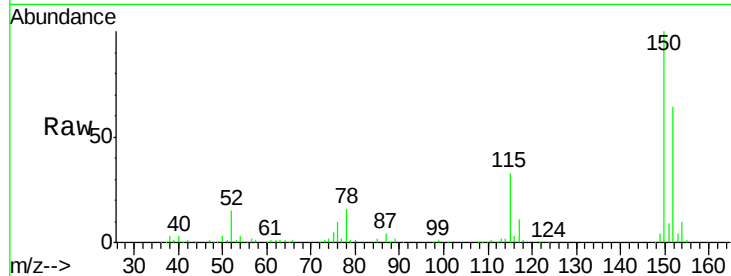
Tot Ion:152 Resp: 237846

Ion Ratio Lower Upper

152 100

115 51.5 26.4 79.2

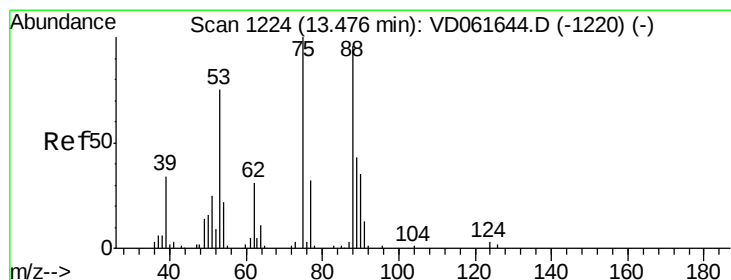
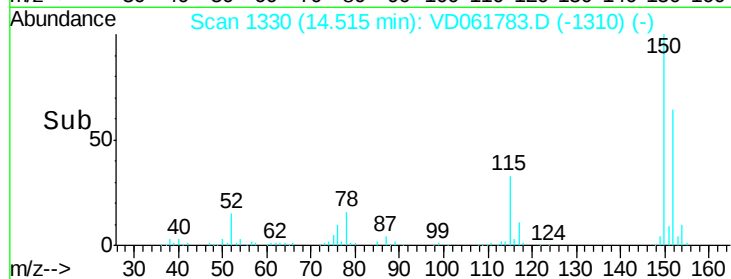
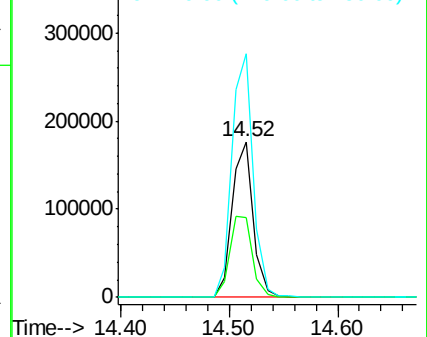
150 156.5 0.0 320.6



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: 80.735 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061783.D

Acq: 12 Apr 2019 17:30

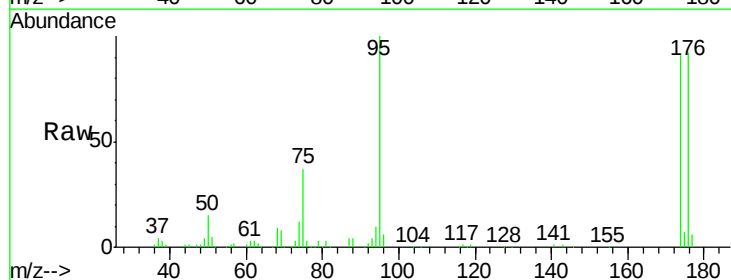
Tgt Ion: 75 Resp: 79277

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

