

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 :
 TP-1-D2

Quant Time: Apr 05 01:53:31 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

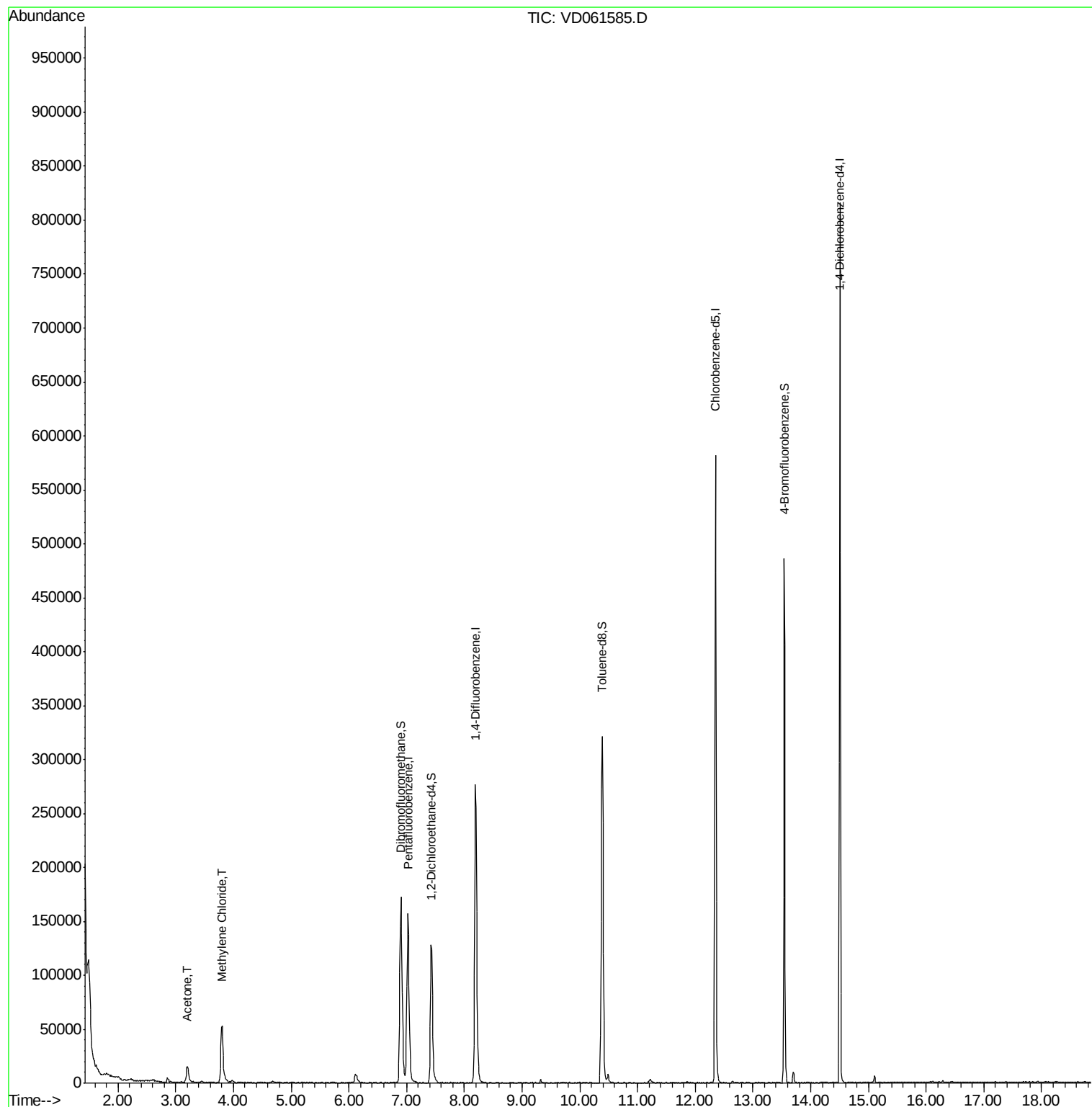
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	168919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	347277	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	366449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	182993	50.00	ug/l	0.00
System Monitoring Compounds						
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						
16) Acetone	3.20	43	32573	87.812	ug/l	94
20) Methylene Chloride	3.79	84	41443	18.743	ug/l	96

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

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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 :

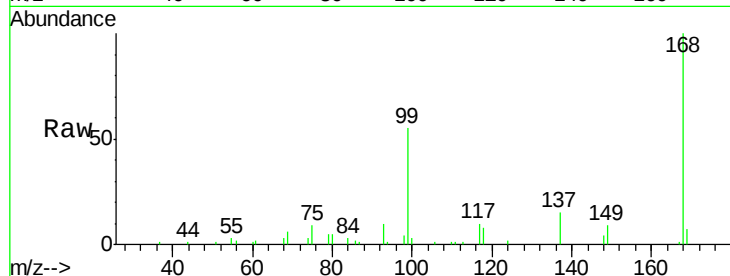
TP-1-D2

Tot Ion:168 Resp: 168919

Ion Ratio Lower Upper

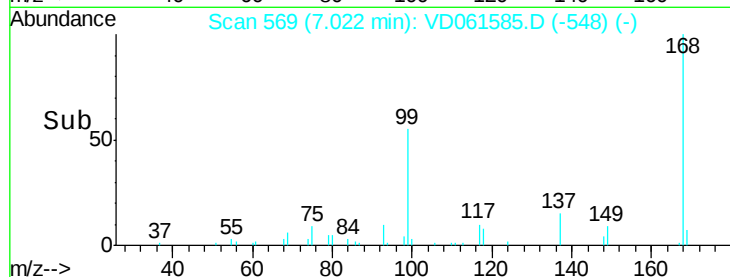
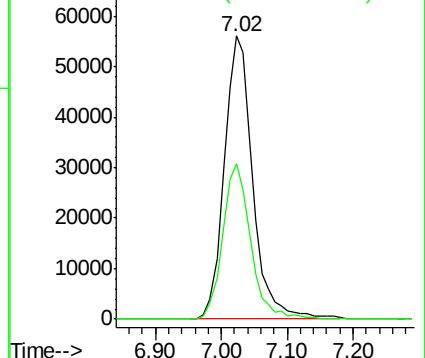
168 100

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



#16

Acetone

Concen: 87.812 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061585.D

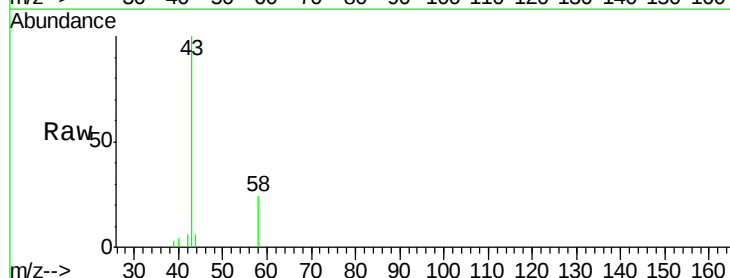
Acq: 4 Apr 2019 18:08

Tgt Ion: 43 Resp: 32573

Ion Ratio Lower Upper

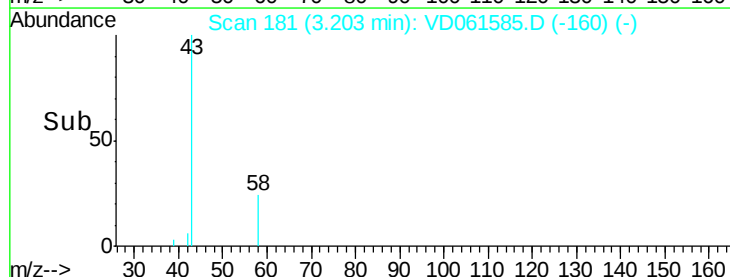
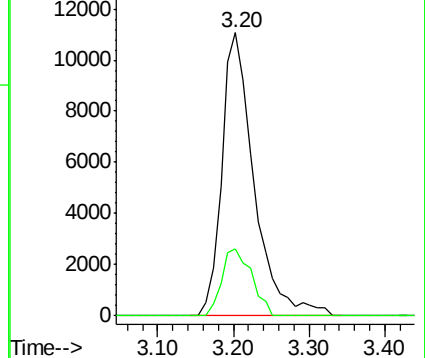
43 100

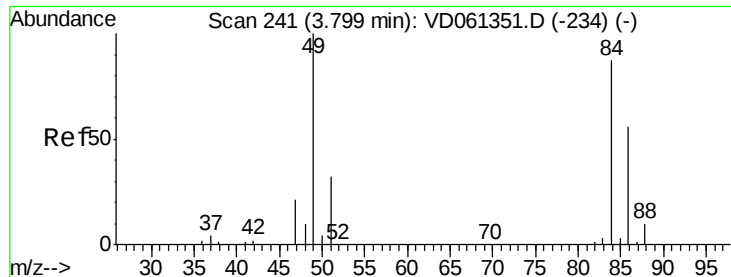
58 23.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

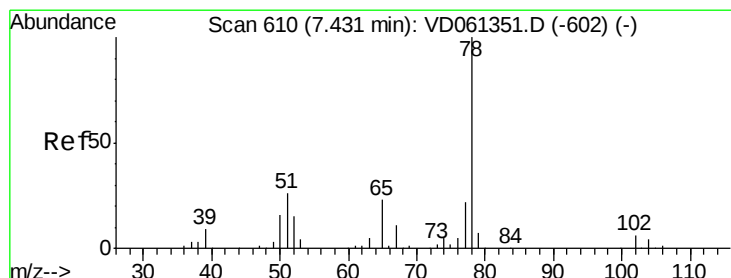
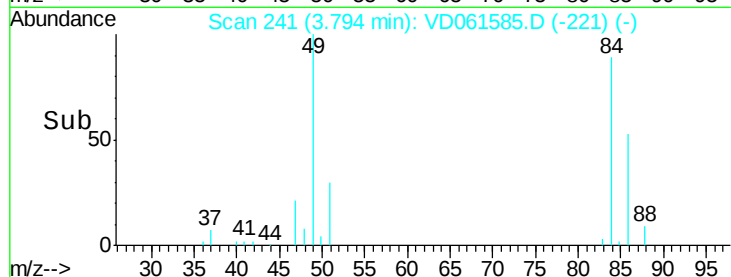
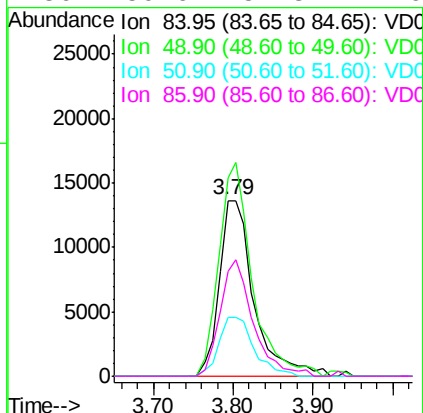
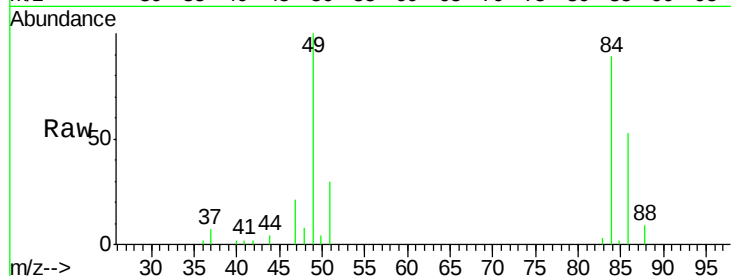




#20
Methylene Chloride
Concen: 18.743 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

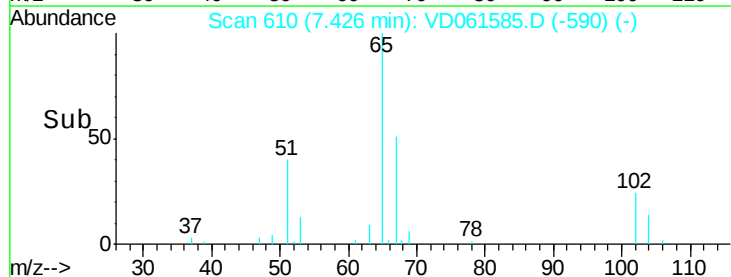
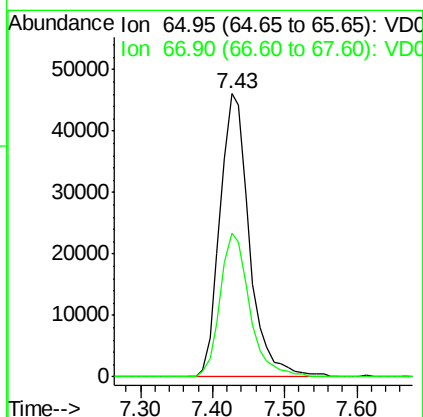
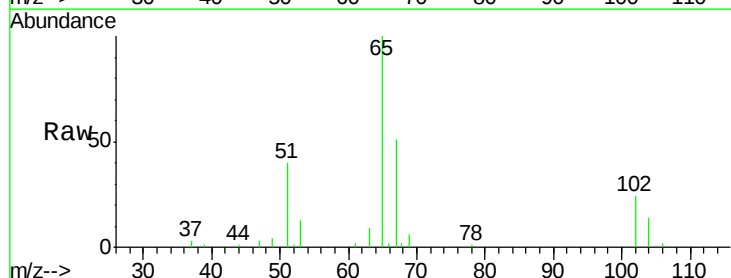
Instrument :
MSVOA_D
ClientSampleId :
TP-1-D2

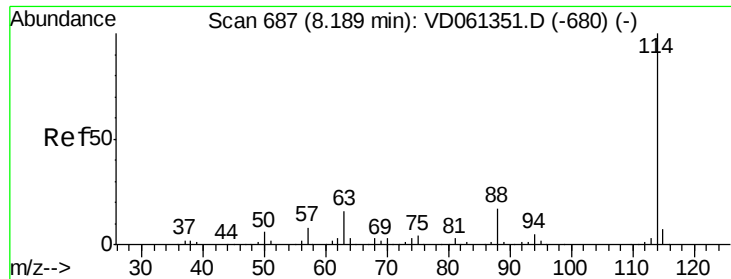
Tot Ion: 84 Resp: 41443
Ion Ratio Lower Upper
84 100
49 112.7 91.8 137.8
51 33.7 29.8 44.8
86 59.6 51.8 77.6



#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

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

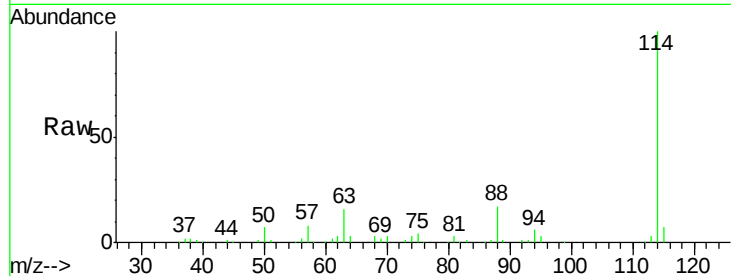




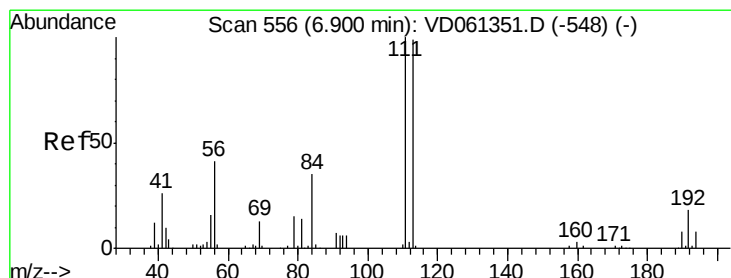
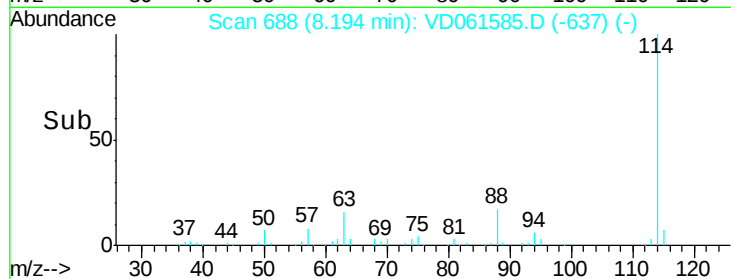
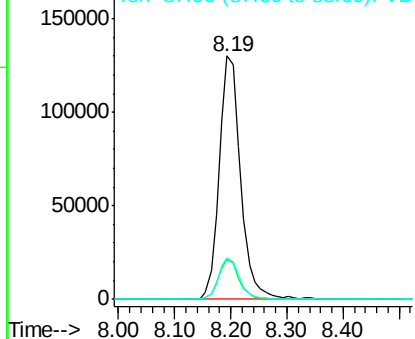
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2

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

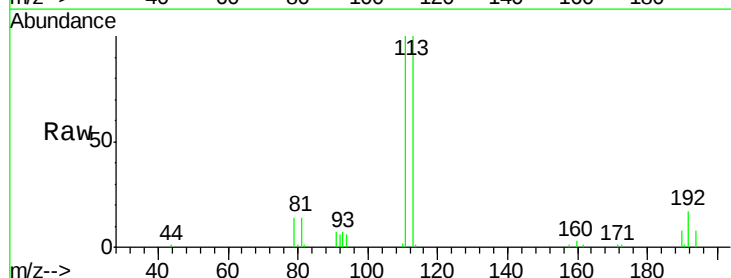


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

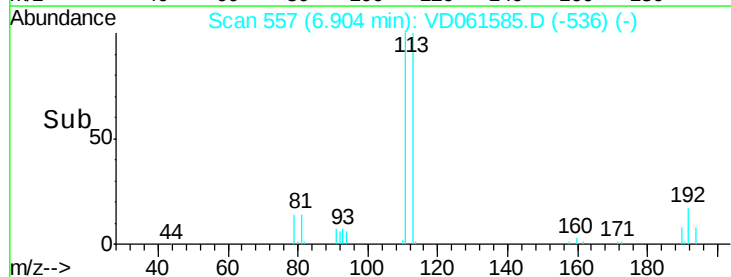
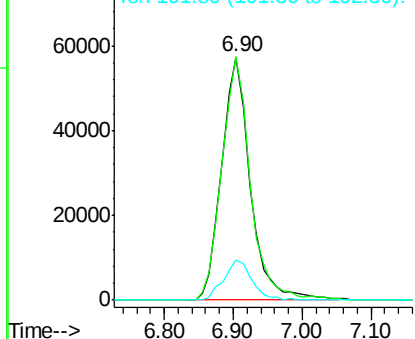


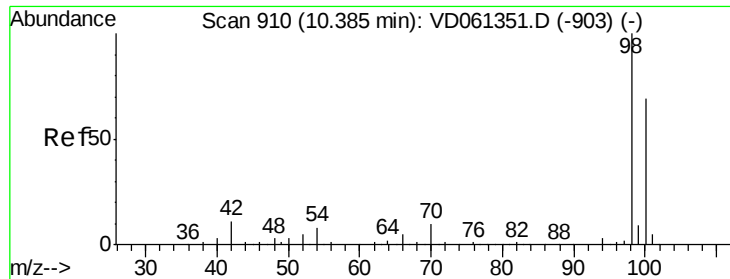
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061585.D
 Acq: 4 Apr 2019 18:08

Tgt 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

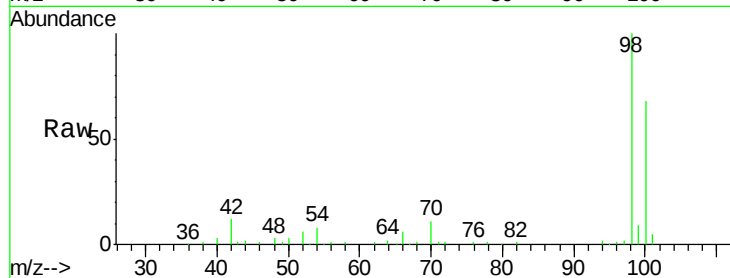




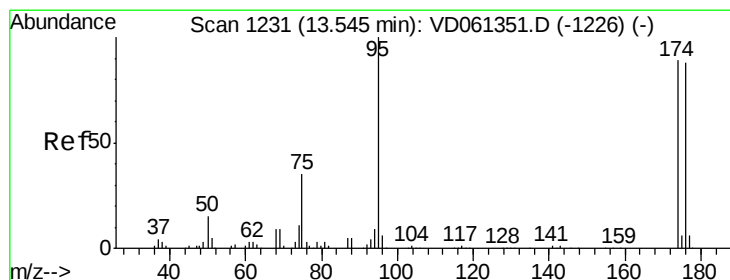
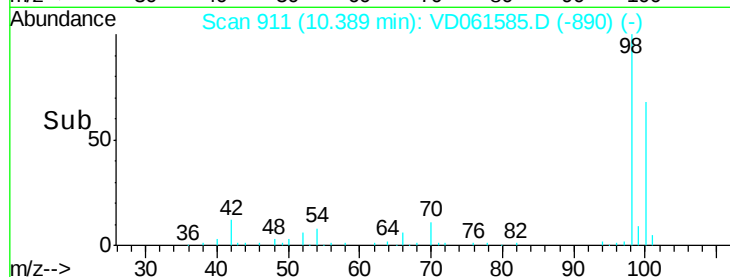
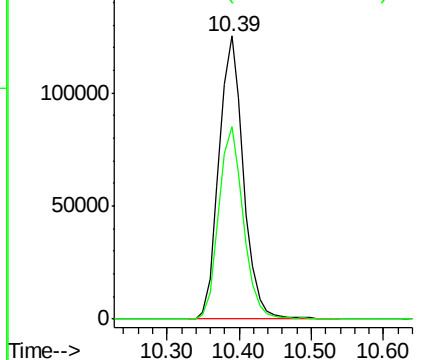
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampled :
TP-1-D2

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

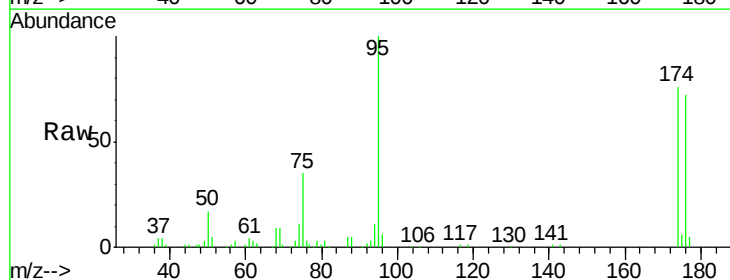


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

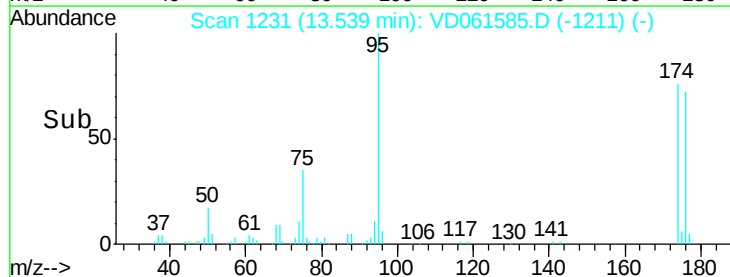
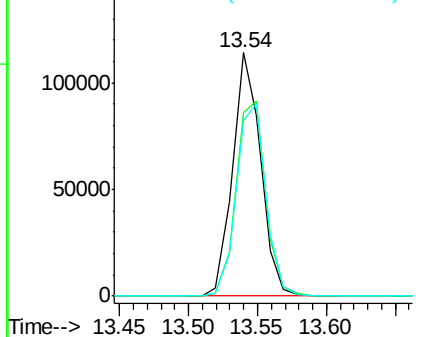


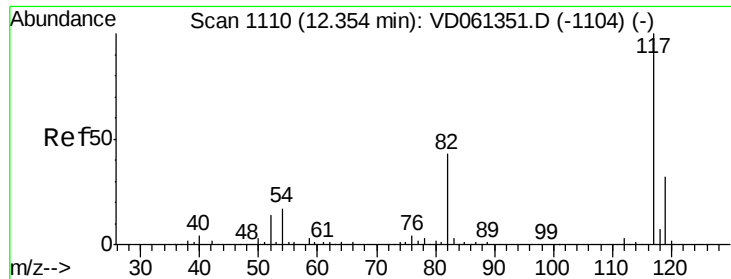
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

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



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

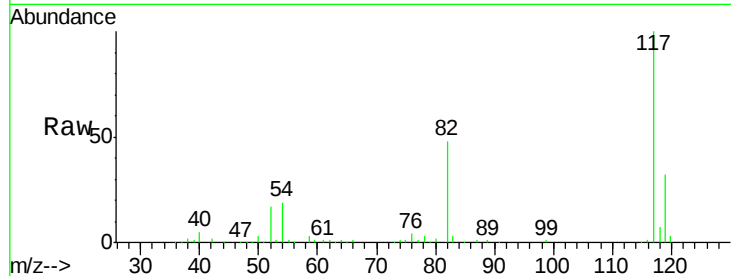




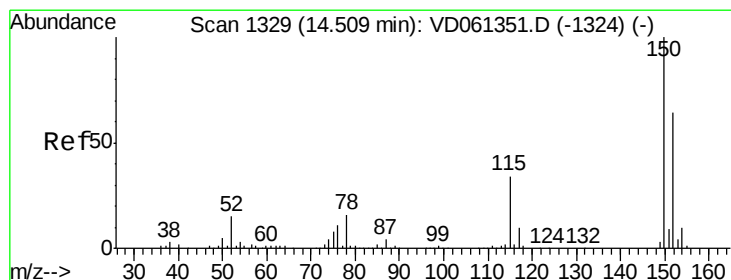
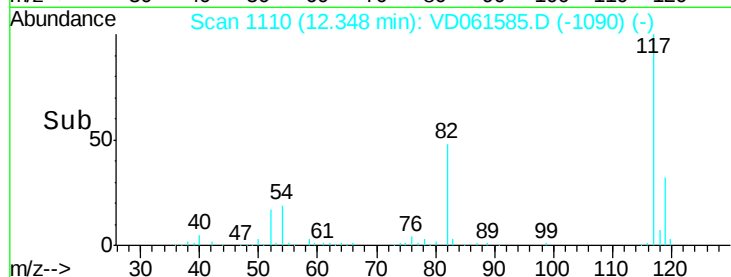
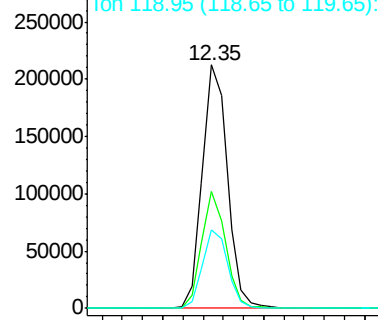
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Instrument :
MSVOA_D
ClientSampled :
TP-1-D2

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

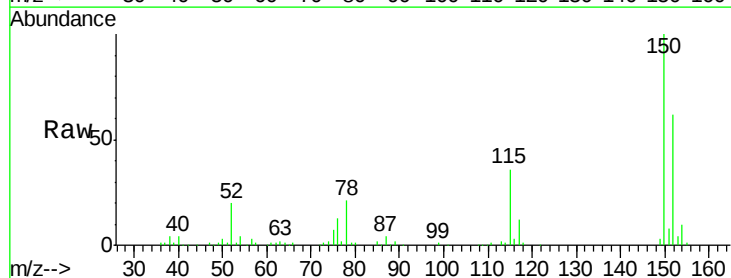


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061585.D
Acq: 4 Apr 2019 18:08

Tgt 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

