

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061495.D
 Acq On : 2 Apr 2019 5:21
 Operator : VA/AP
 Sample : K2171-01
 Misc : 7.44g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Quant Time: Apr 02 07:00:59 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

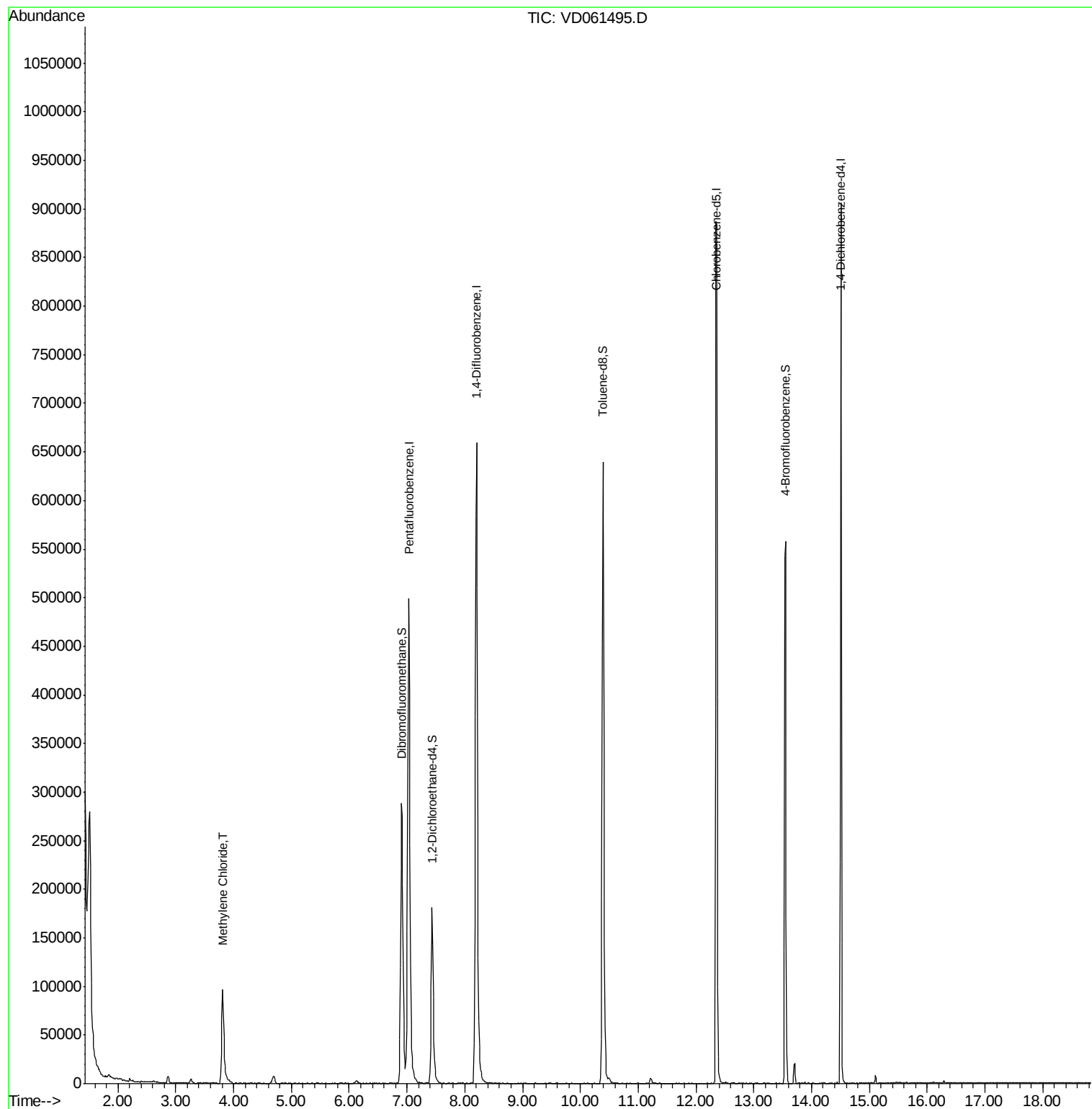
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	516483	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	833425	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	605973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	213403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	176995	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
35) Dibromofluoromethane	6.90	113	284324	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
50) Toluene-d8	10.39	98	581033	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	13.54	95	191516	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.38%	
Target Compounds						
20) Methylene Chloride	3.81	84	77119	10.626	ug/l	Qvalue 95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
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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: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

Instrument :

MSVOA_D

ClientSampleId :

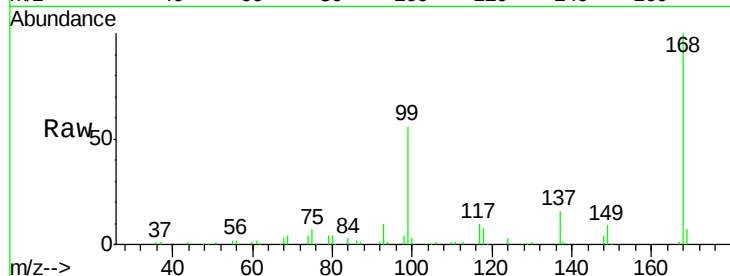
GW-COMP

Tot Ion:168 Resp: 516483

Ion Ratio Lower Upper

168 100

99 56.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

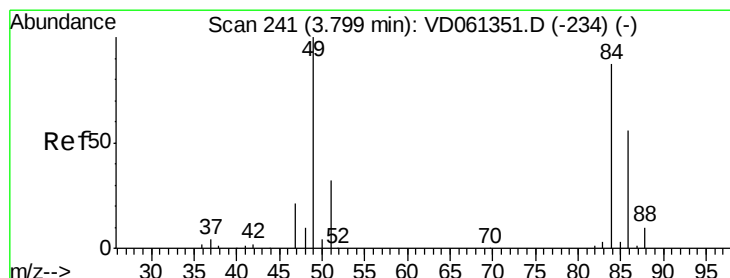
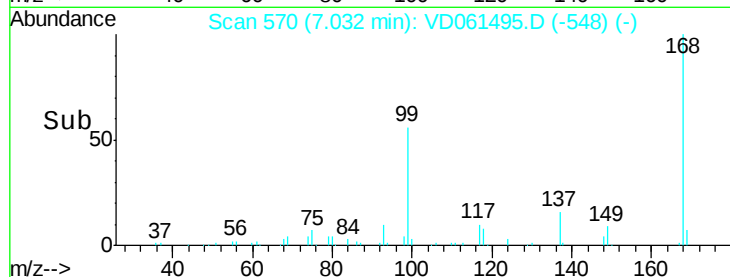
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 10.626 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

Tgt Ion: 84 Resp: 77119

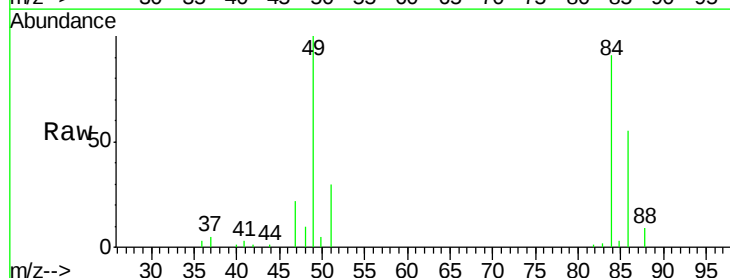
Ion Ratio Lower Upper

84 100

49 110.4 91.8 137.8

51 33.1 29.8 44.8

86 60.8 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

3.81

40000

30000

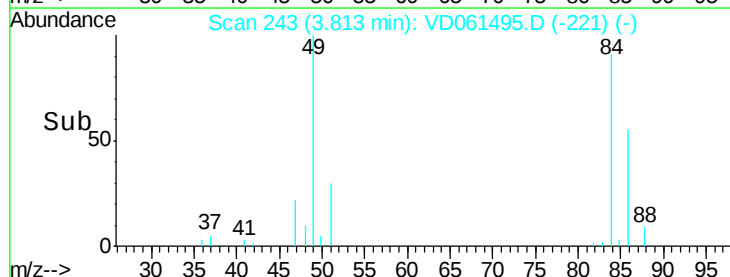
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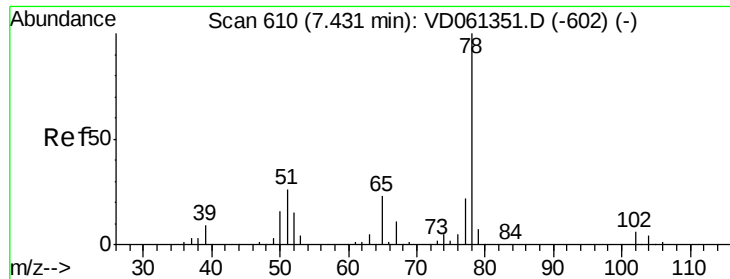
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0

3.70 3.80 3.90 4.00

Time-->

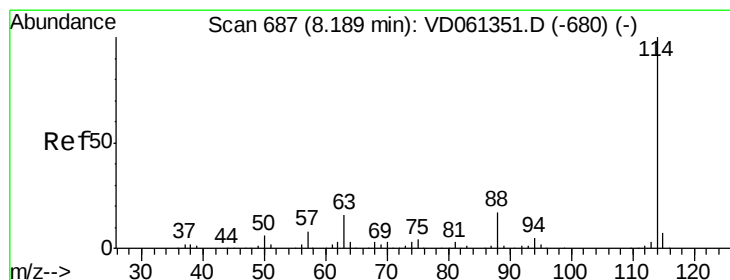
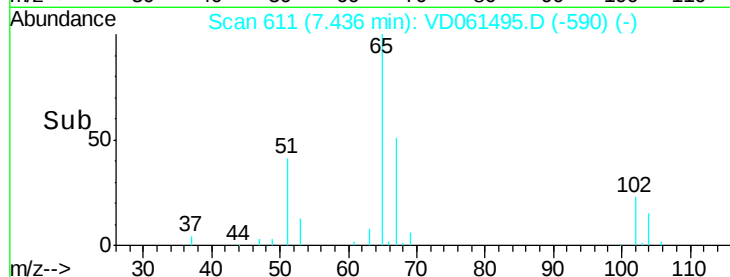
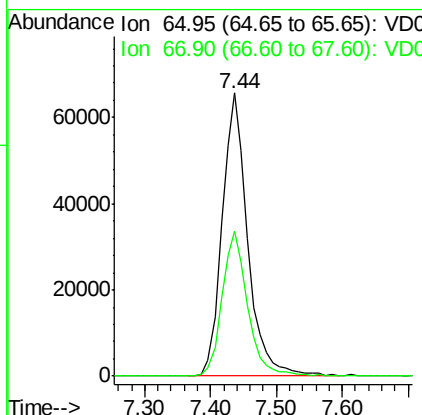
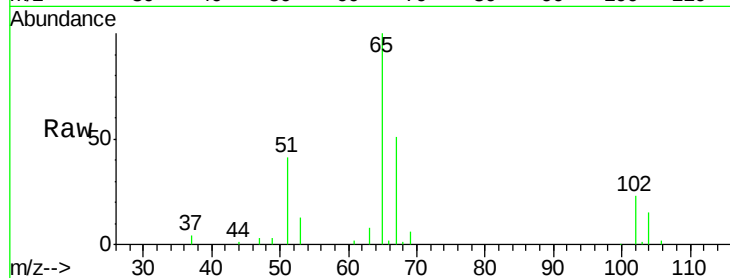




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

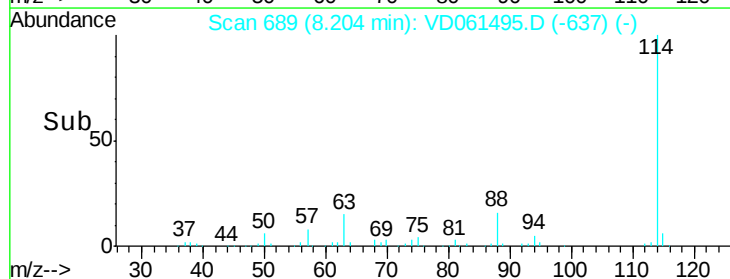
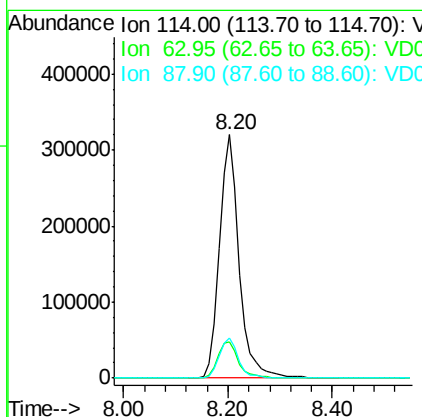
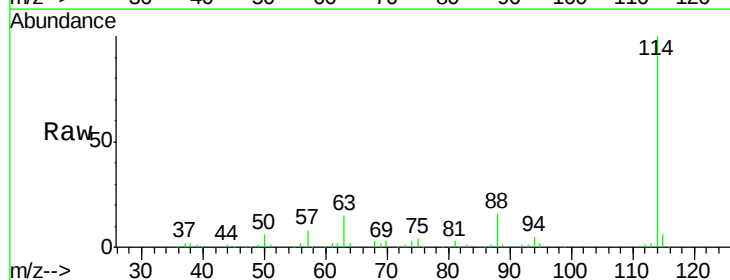
Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Tot Ion: 65 Resp: 176995
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

Tgt Ion: 114 Resp: 833425
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.6
 88 16.4 0.0 33.4

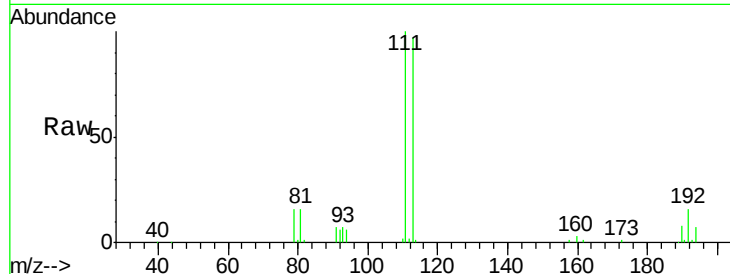




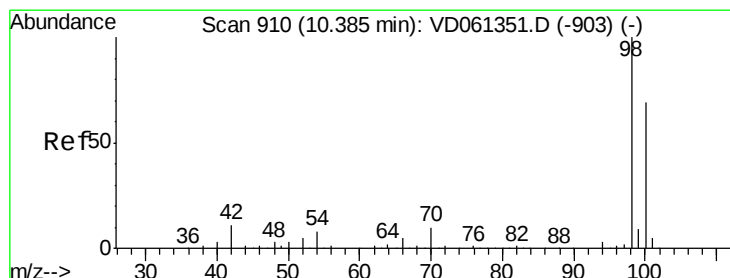
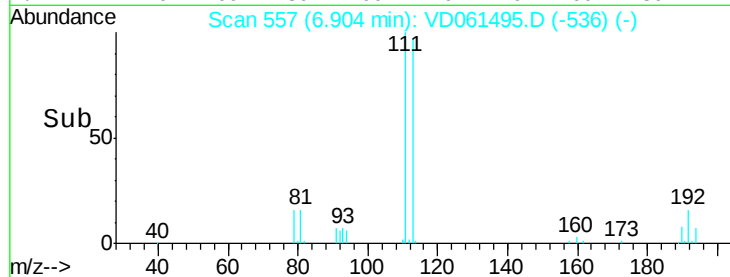
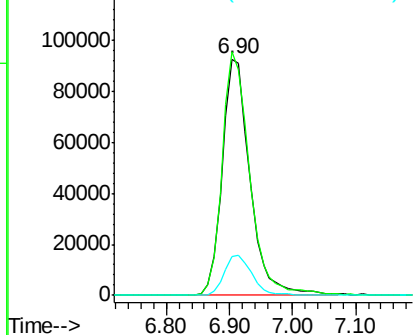
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Tot Ion:113 Resp: 284324
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 16.3 14.4 21.6

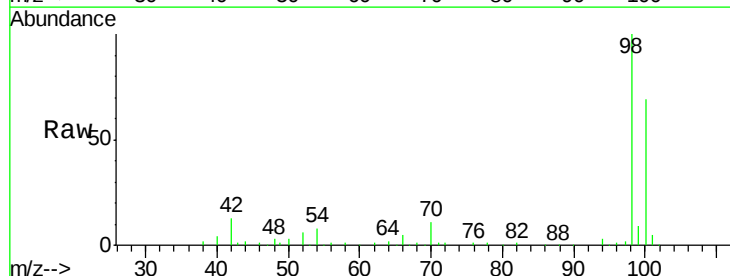


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

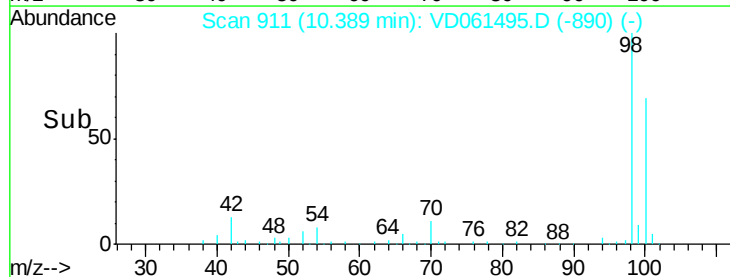
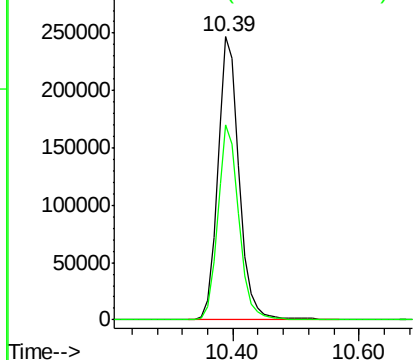


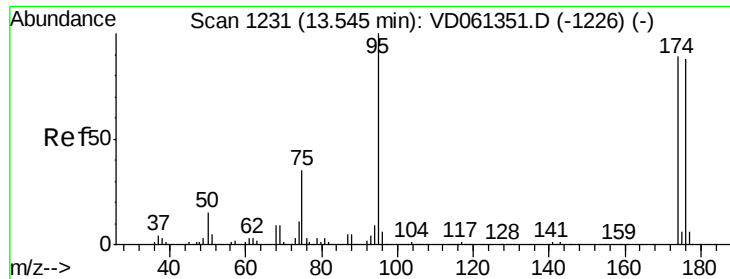
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

Tgt Ion: 98 Resp: 581033
 Ion Ratio Lower Upper
 98 100
 100 68.9 56.2 84.2



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

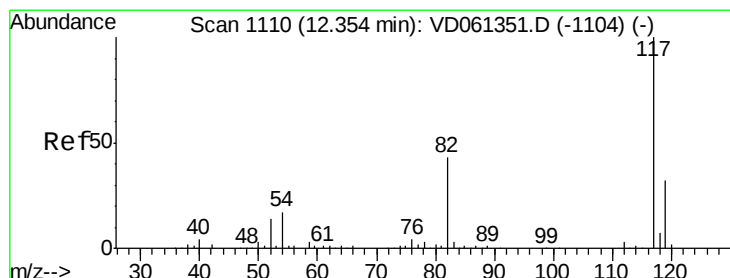
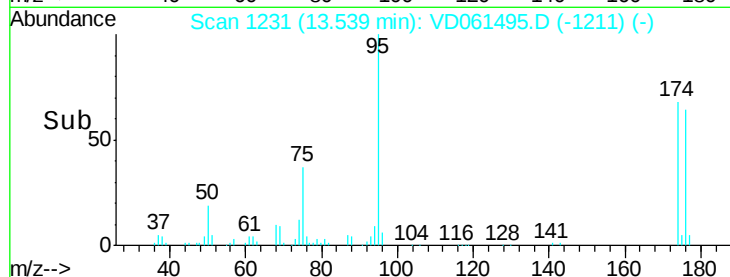
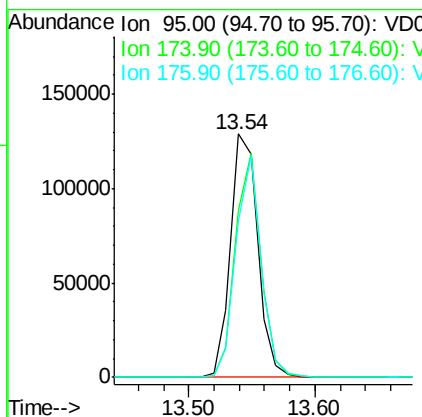
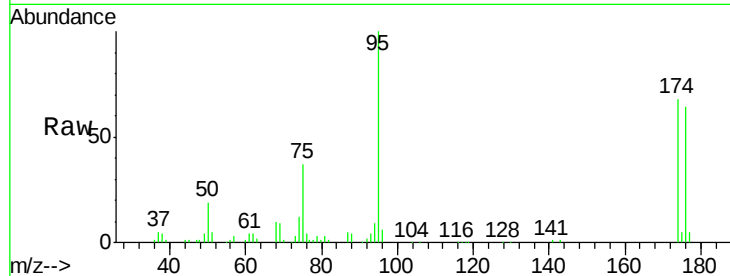




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

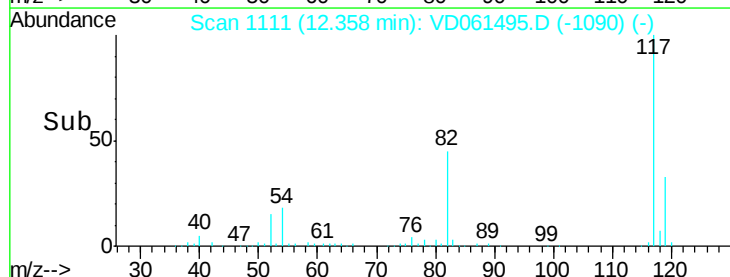
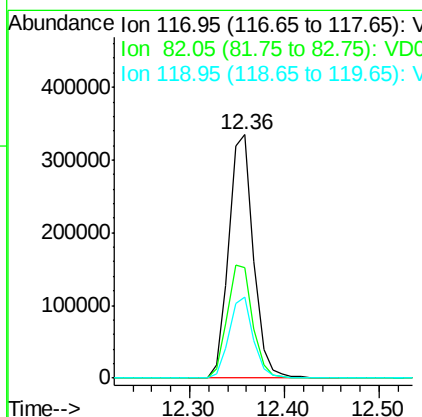
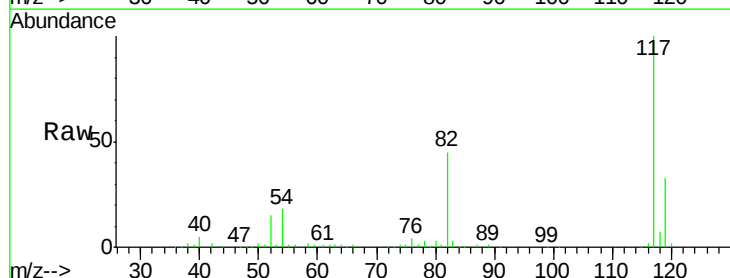
Instrument :
MSVOA_D
ClientSampleId :
GW-COMP

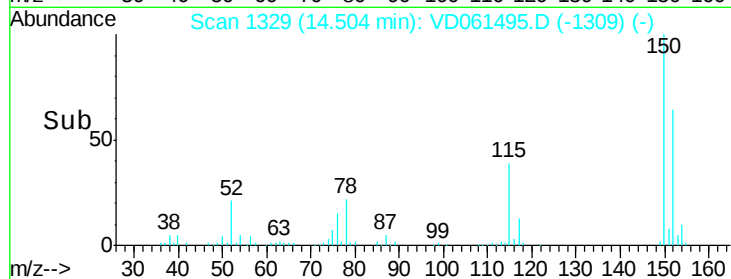
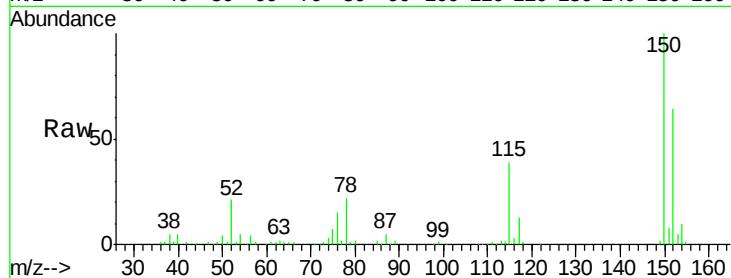
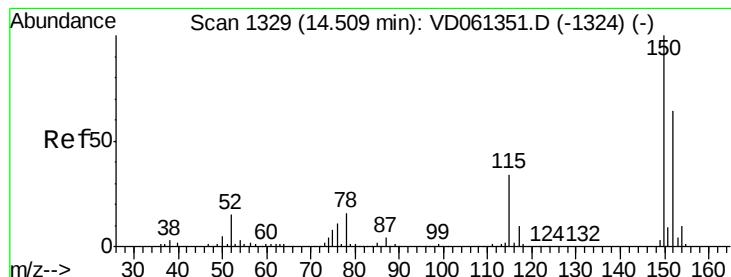
Tot Ion: 95 Resp: 191516
Ion Ratio Lower Upper
95 100
174 68.3 0.0 178.0
176 64.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Tgt Ion: 117 Resp: 605973
Ion Ratio Lower Upper
117 100
82 45.5 34.4 51.6
119 33.1 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: VD061495.D

Acq: 2 Apr 2019 5:21

Instrument :

MSVOA_D

ClientSampleId :

GW-COMP

Tot Ion:152 Resp: 213403

Ion Ratio Lower Upper

152 100

115 60.6 26.9 80.6

150 155.5 0.0 318.0

