

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061477.D
 Acq On : 1 Apr 2019 19:14
 Operator : VA/AP
 Sample : K2171-01
 Misc : 6.38g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Quant Time: Apr 02 02:12:20 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

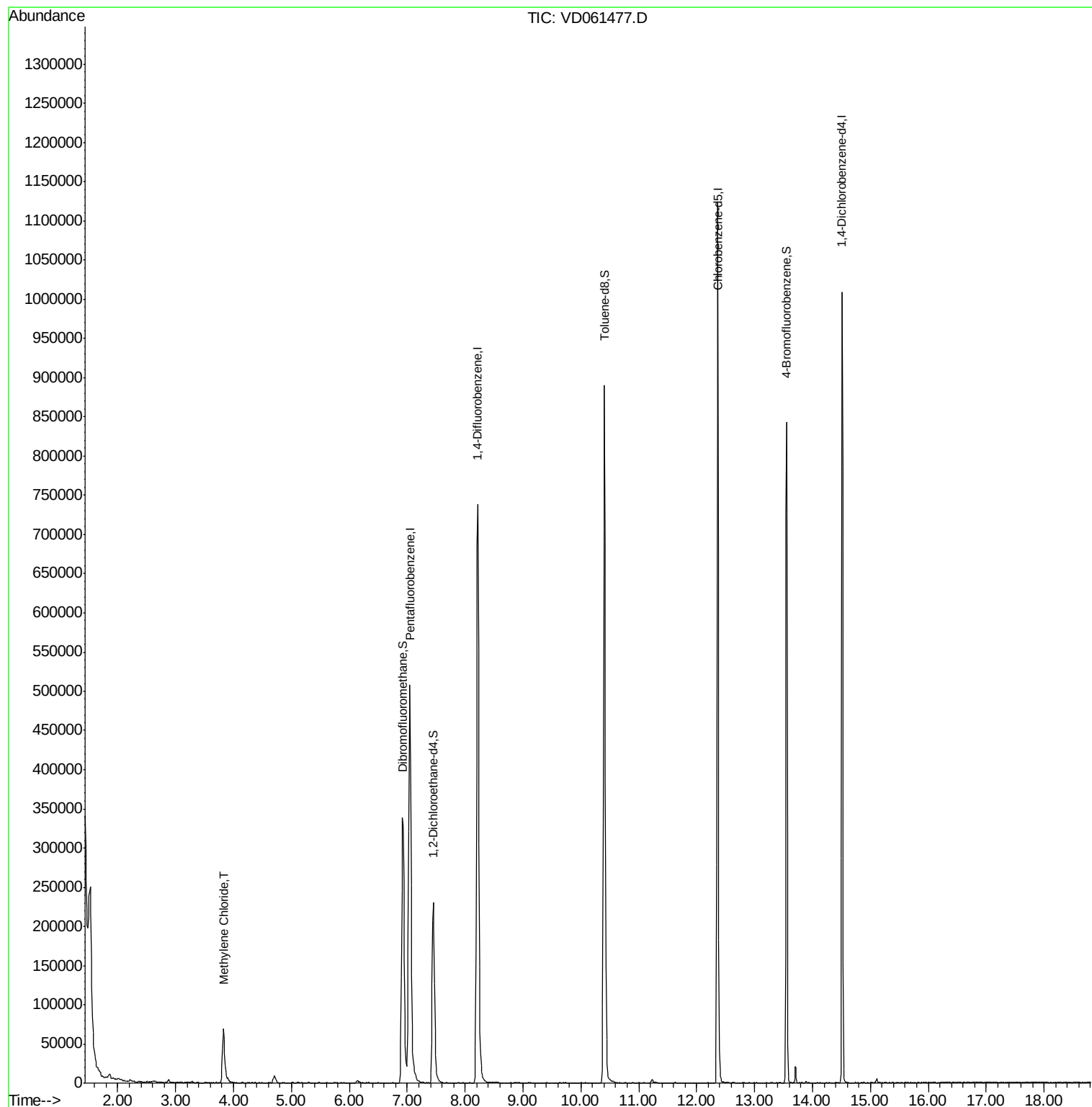
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	538656	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	922359	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	708478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	243951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	240231	52.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	6.92	113	344797	48.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.40	98	772469	45.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	13.55	95	280421	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
20) Methylene Chloride	3.83	84	57000	6.949	ug/l	Qvalue 99

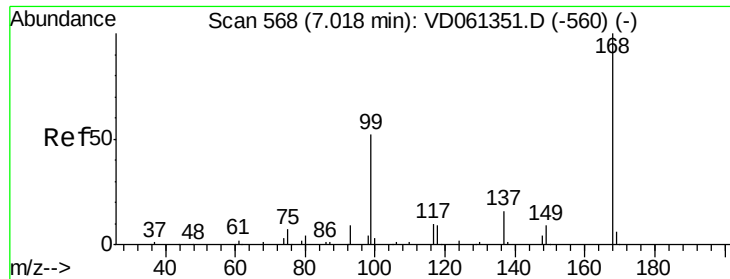
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061477.D

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Instrument :

MSVOA_D

ClientSampleId :

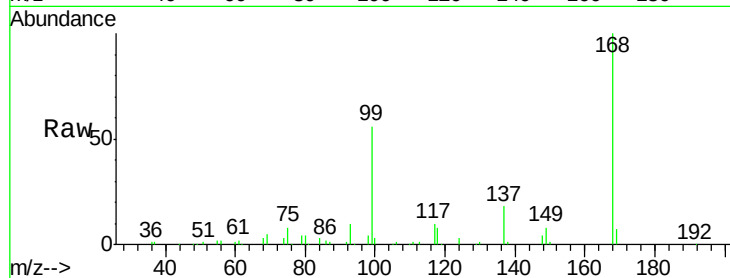
GW-COMP

Tot Ion:168 Resp: 538656

Ion Ratio Lower Upper

168 100

99 55.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

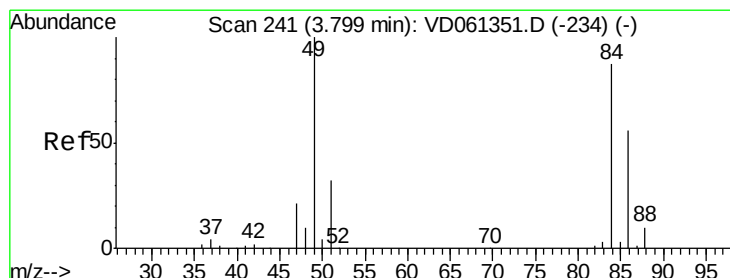
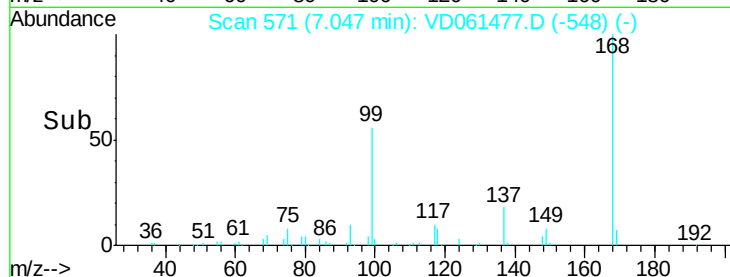
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 6.949 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061477.D

Acq: 1 Apr 2019 19:14

Tgt Ion: 84 Resp: 57000

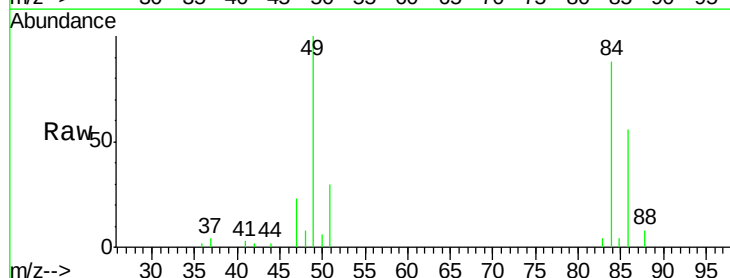
Ion Ratio Lower Upper

84 100

49 114.3 91.8 137.8

51 33.8 29.8 44.8

86 64.1 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

30000

25000

20000

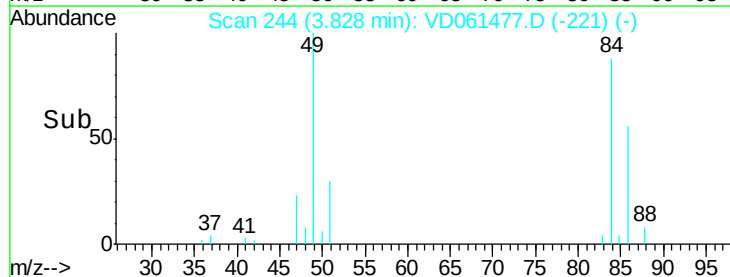
15000

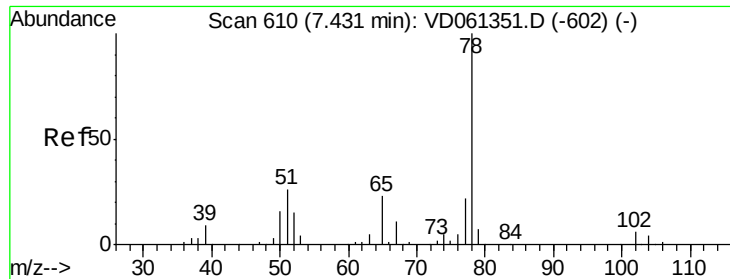
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

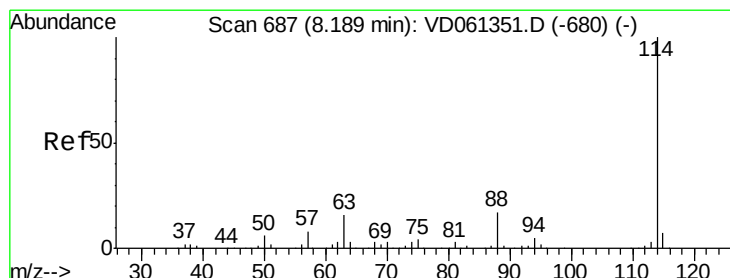
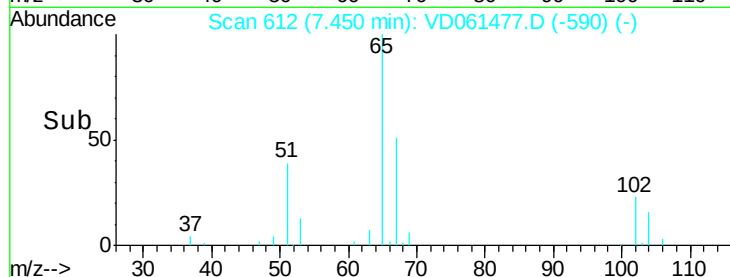
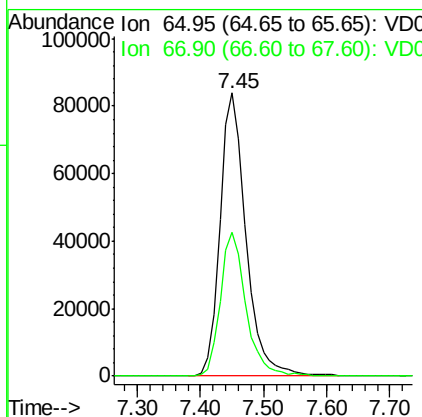
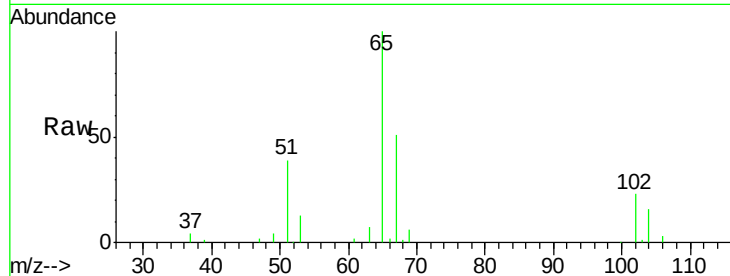




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.02 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

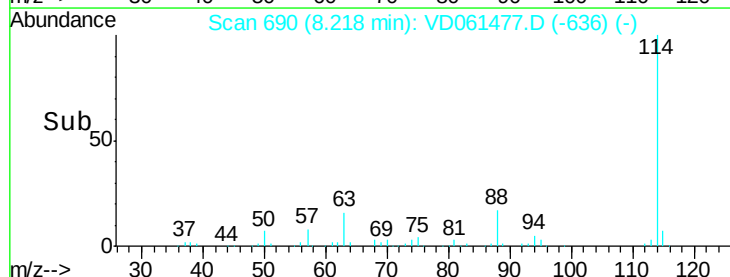
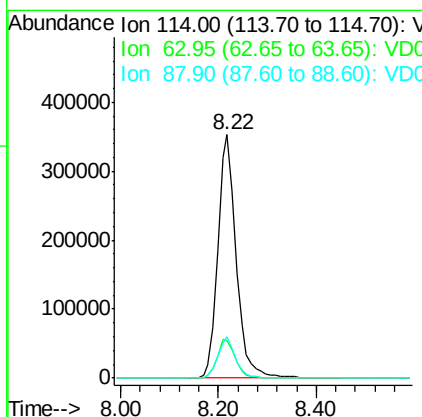
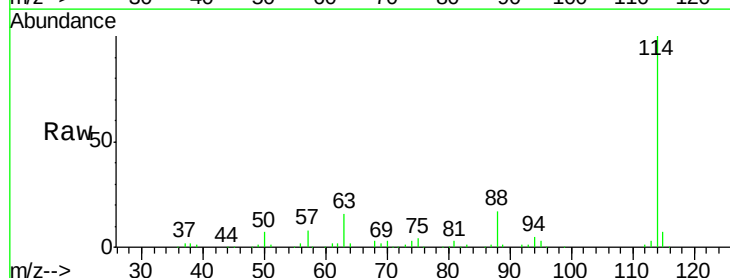
Instrument :
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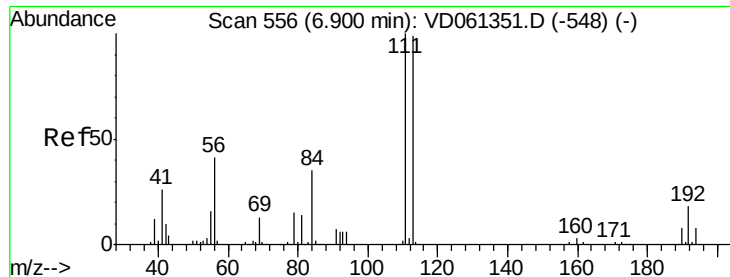
Tot Ion: 65 Resp: 240231
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Tgt Ion: 114 Resp: 922359
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.6
 88 17.1 0.0 33.4

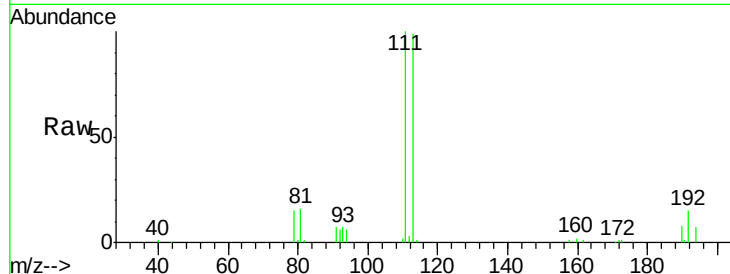




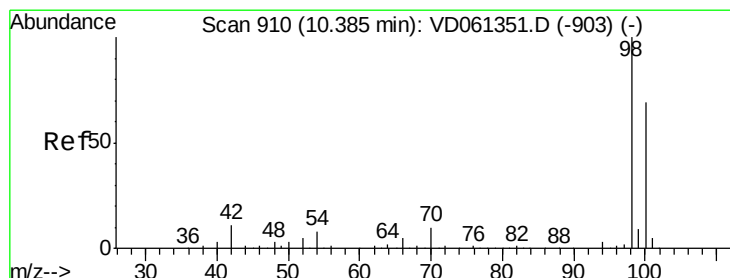
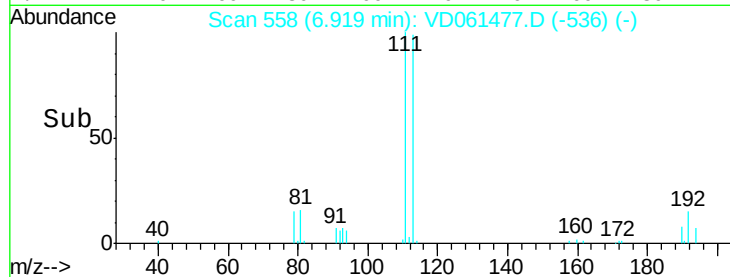
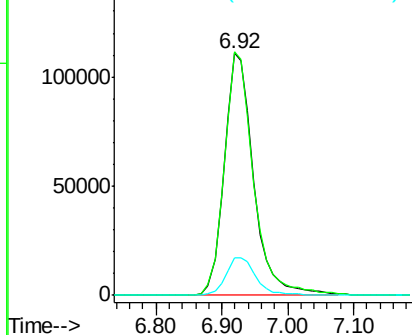
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.0	121.6
192	15.5	14.4	21.6

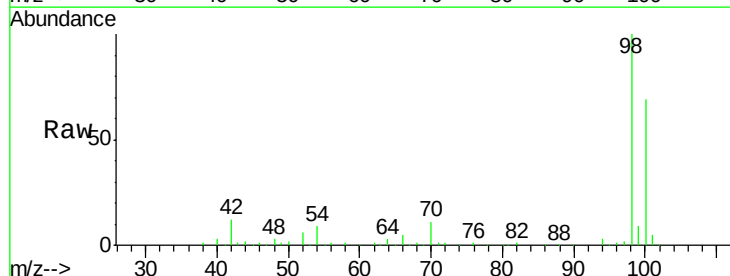


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

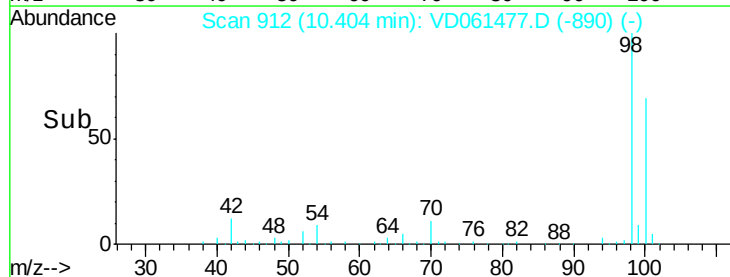
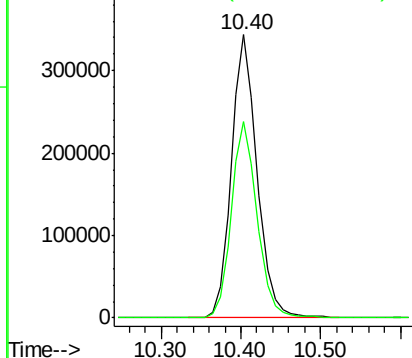


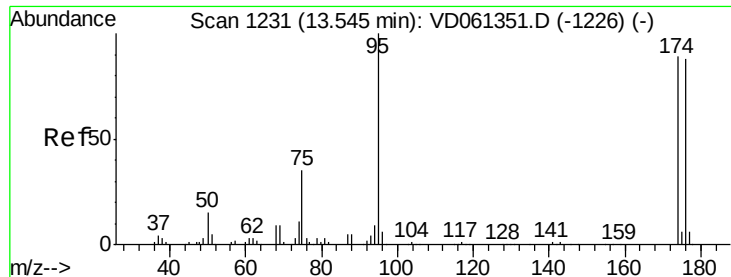
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.4	56.2	84.2



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

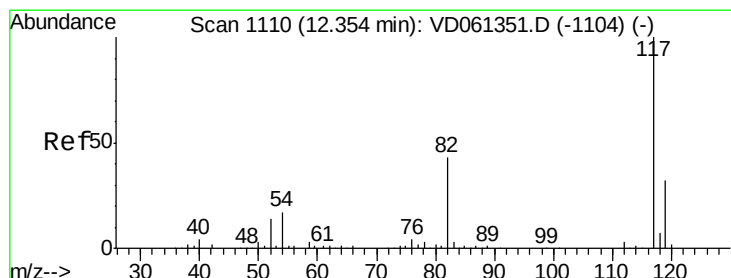
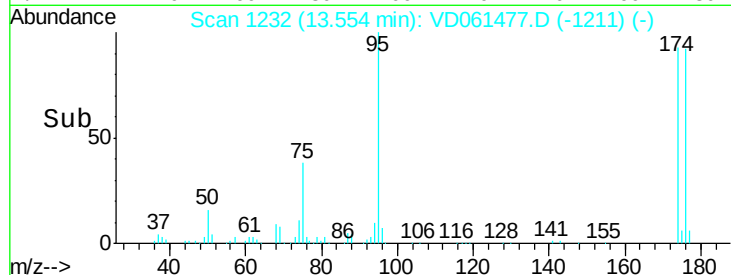
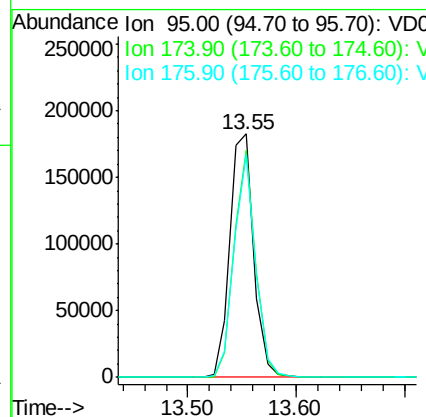
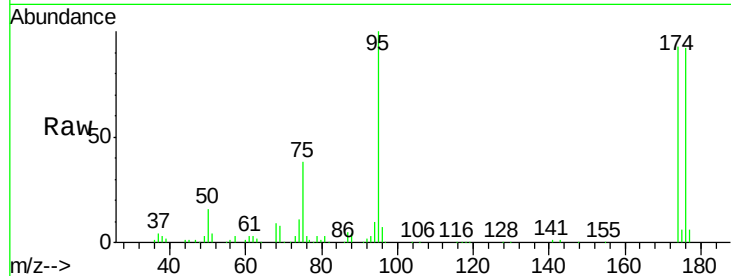




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

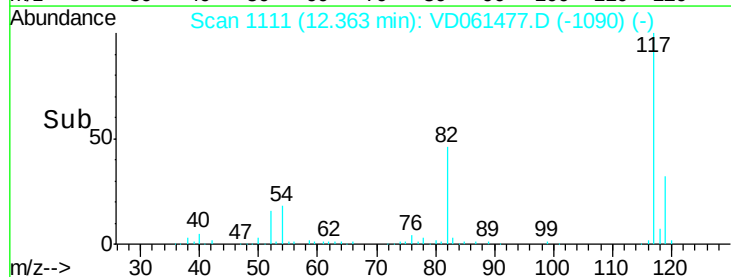
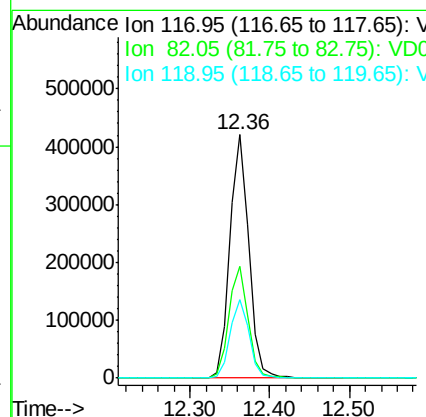
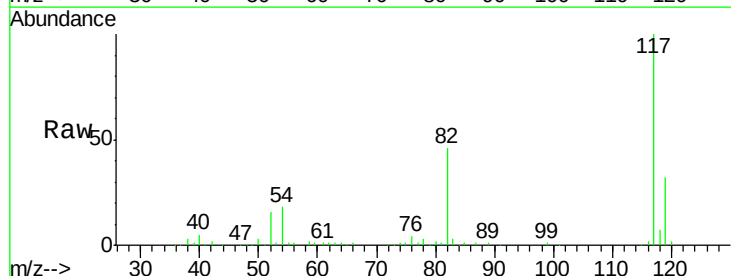
Instrument :
MSVOA_D
ClientSampleId :
GW-COMP

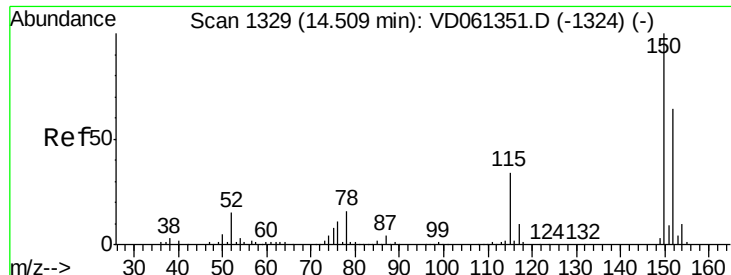
Tot Ion: 95 Resp: 280421
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.0
176 91.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Tgt Ion: 117 Resp: 708478
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 32.4 25.8 38.6

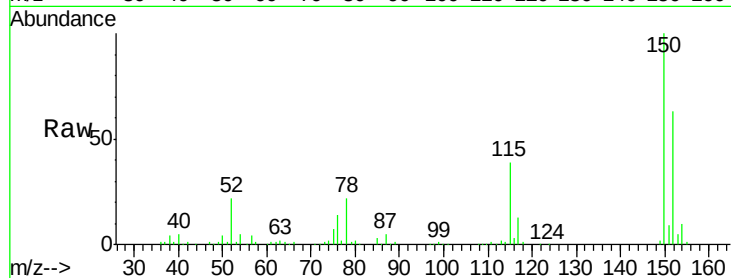




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 GW-COMP

Tot Ion:152 Resp: 243951
 Ion Ratio Lower Upper
 152 100
 115 61.8 26.9 80.6
 150 158.7 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

