

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061911.D
 Acq On : 19 Apr 2019 15:43
 Operator : VA/AP
 Sample : K2434-01
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-288

Quant Time: Apr 19 16:21:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

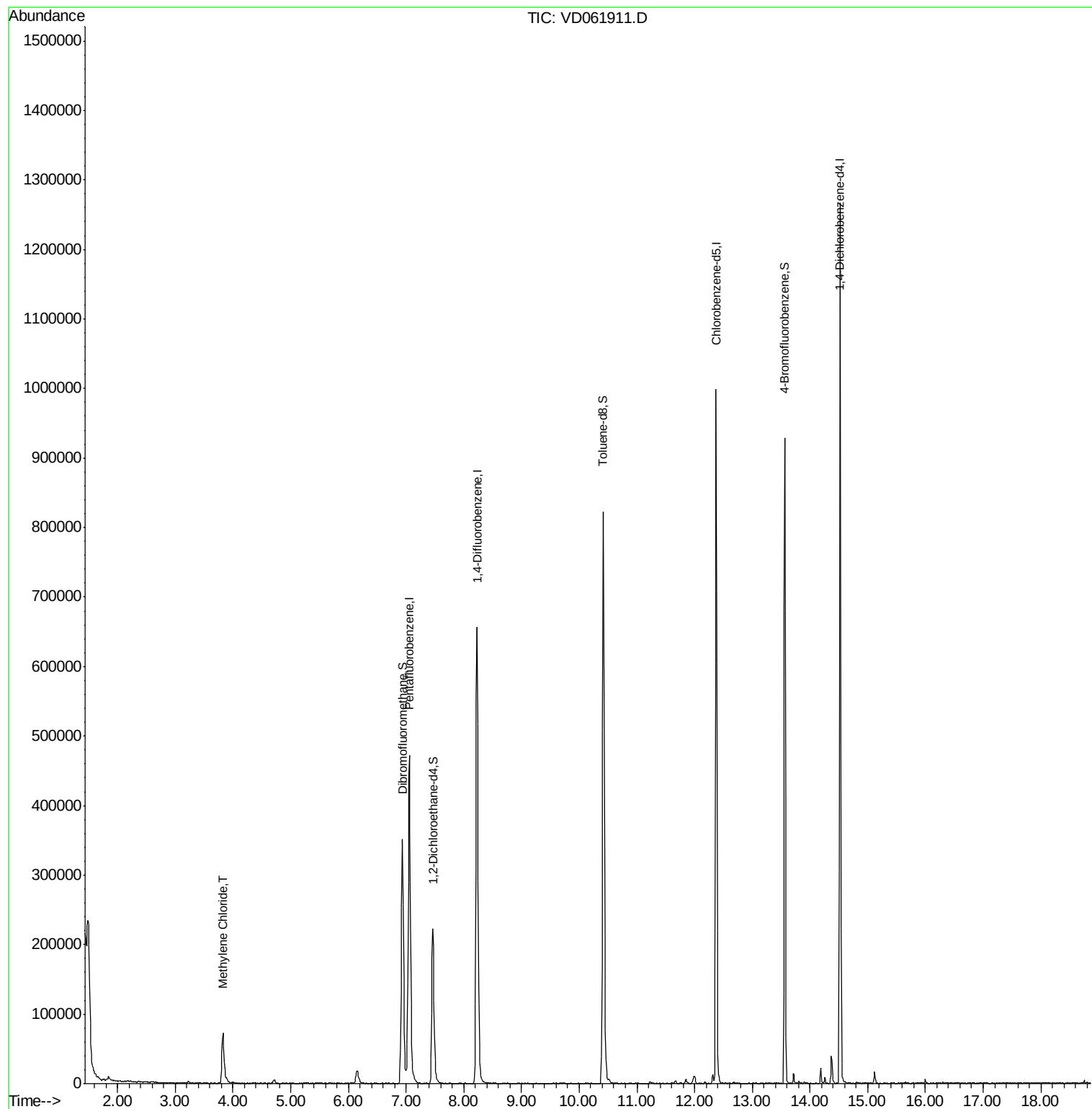
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	477656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	772697	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	601986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	309813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	225241	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	6.93	113	331258	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
50) Toluene-d8	10.41	98	748607	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	13.56	95	281459	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
20) Methylene Chloride	3.83	84	53117	6.874	ug/l	Qvalue 96

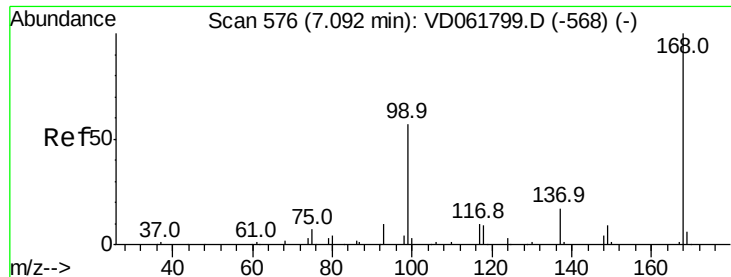
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061911.D

Acq: 19 Apr 2019 15:43

Instrument :

MSVOA_D

ClientSampleId :

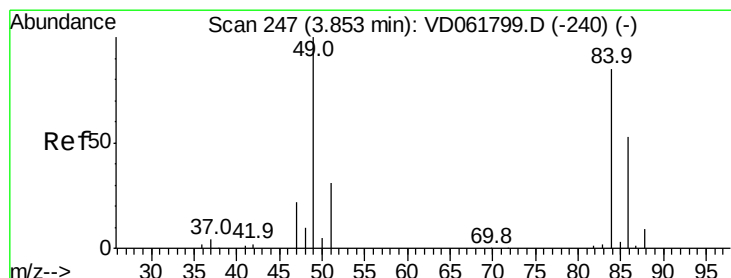
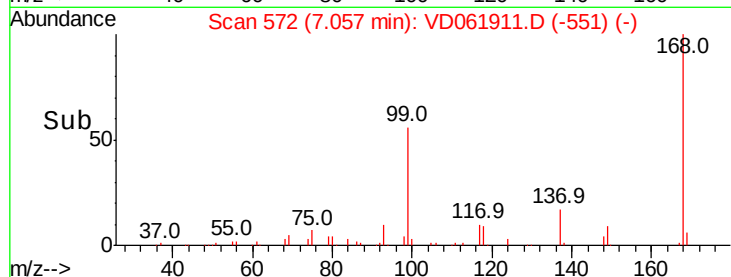
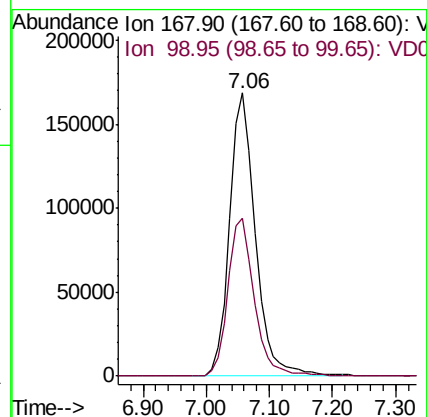
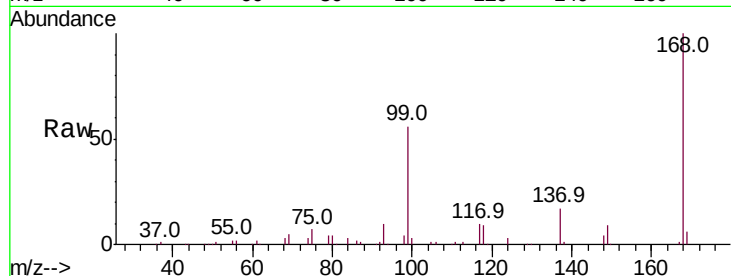
RO-288

Tot Ion:168 Resp: 477656

Ion Ratio Lower Upper

168 100

99 56.0 46.5 69.7



#20

Methylene Chloride

Concen: 6.874 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061911.D

Acq: 19 Apr 2019 15:43

Tgt Ion: 84 Resp: 53117

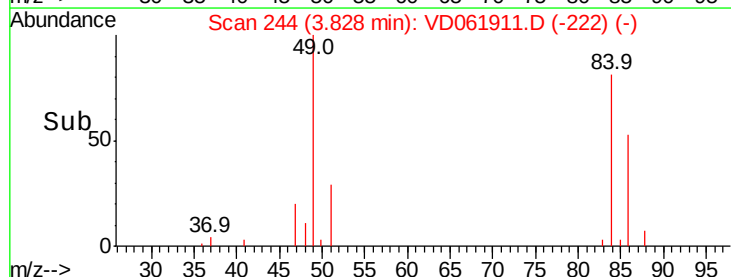
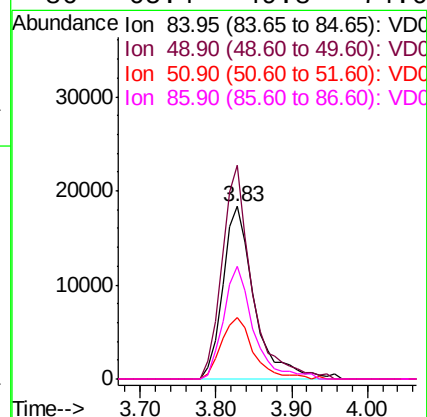
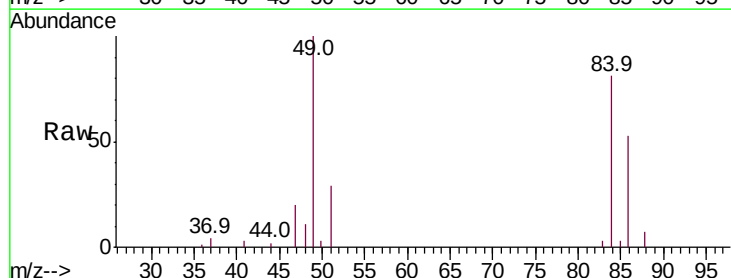
Ion Ratio Lower Upper

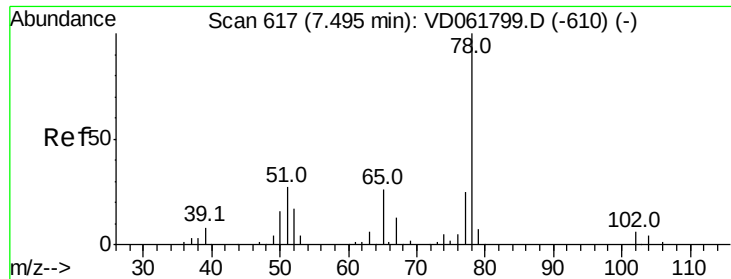
84 100

49 123.8 94.0 141.0

51 36.0 29.0 43.4

86 65.4 49.8 74.6

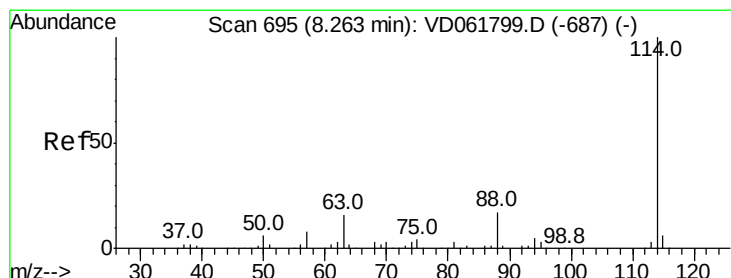
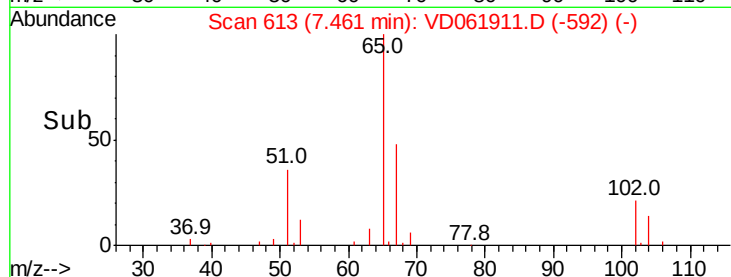
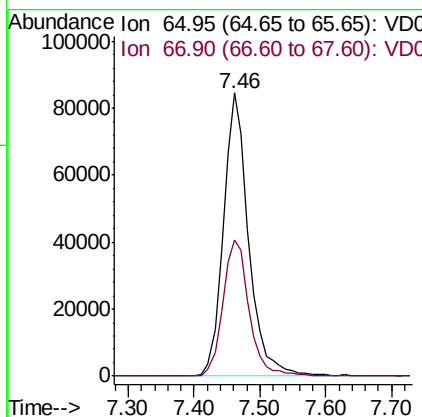
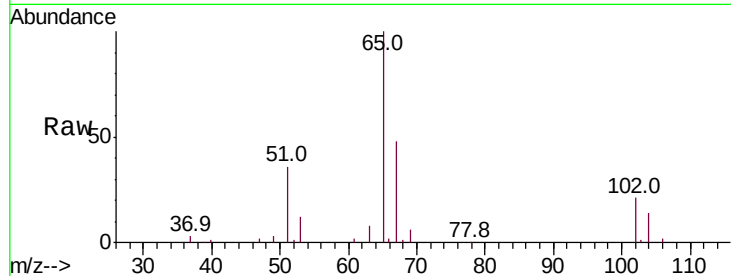




#33
 1,2-Dichloroethane-d4
 Concen: 56.265 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061911.D
 Acq: 19 Apr 2019 15:43

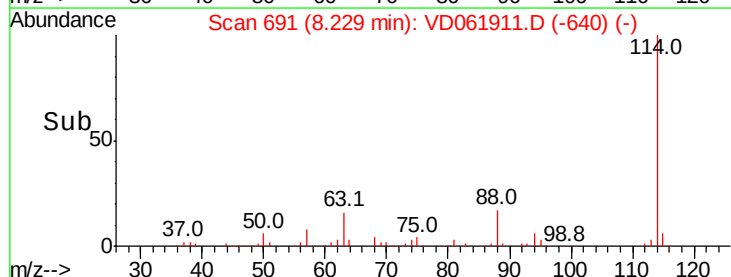
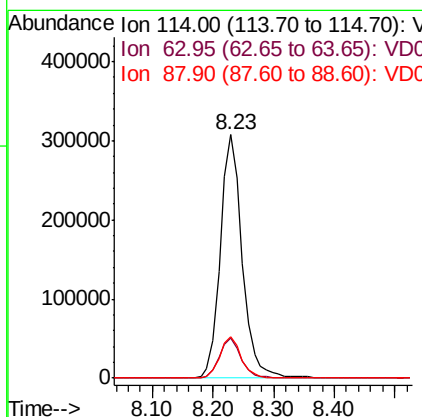
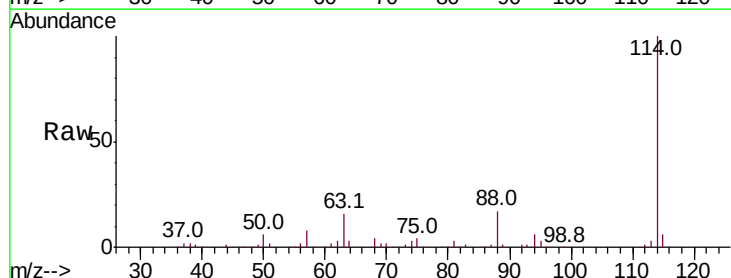
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-288

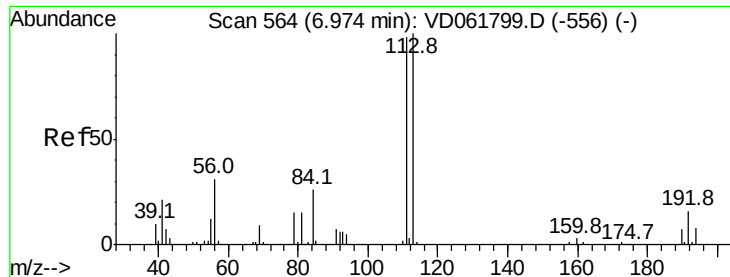
Tot Ion: 65 Resp: 225241
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061911.D
 Acq: 19 Apr 2019 15:43

Tgt Ion: 114 Resp: 772697
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.2 0.0 33.6

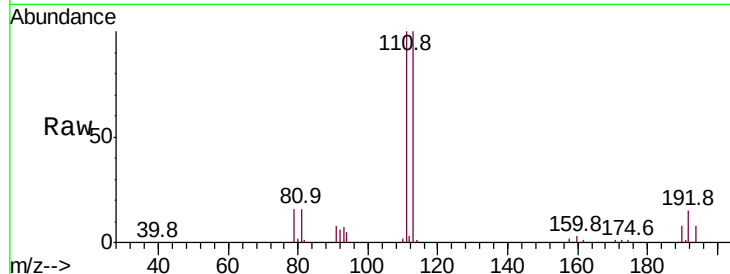




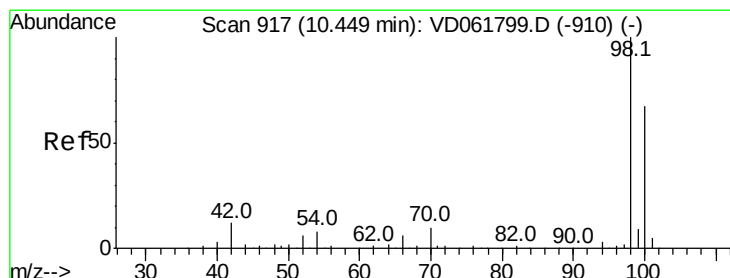
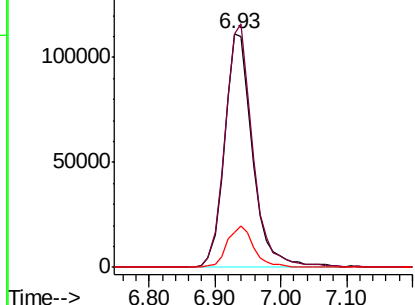
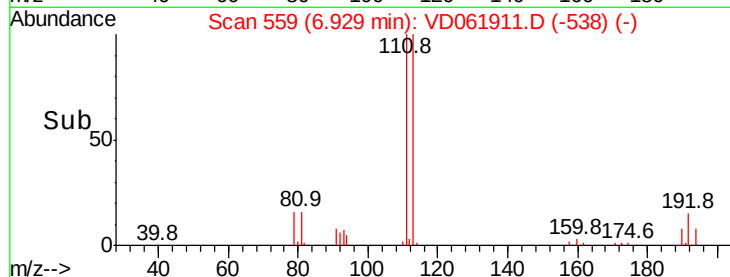
#35
 Dibromofluoromethane
 Concen: 56.744 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061911.D
 Acq: 19 Apr 2019 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-288

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	78.5	117.7
192	14.7	13.0	19.4

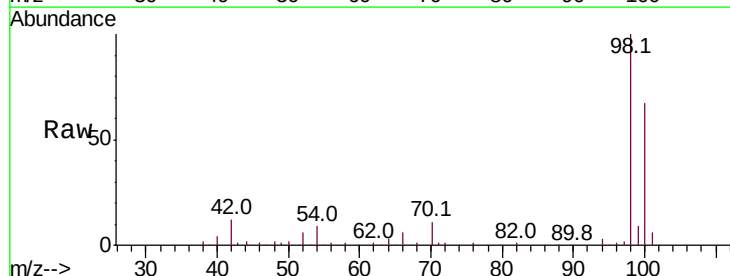


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

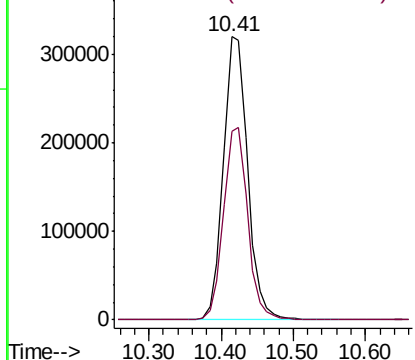
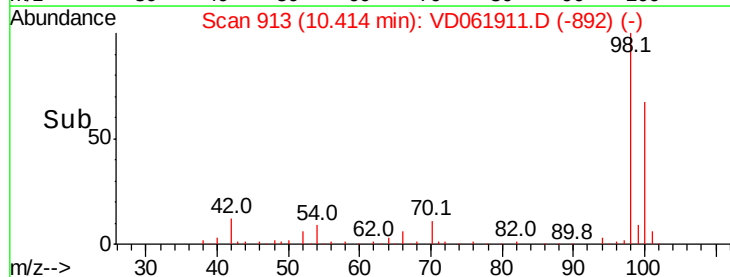


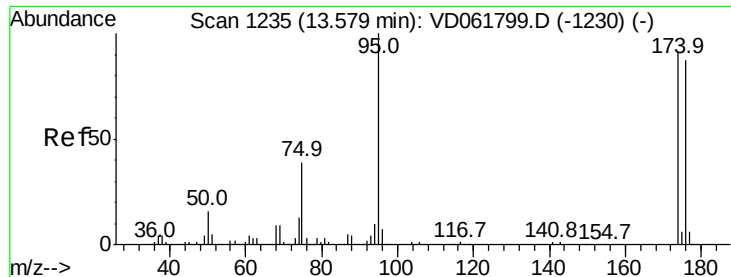
#50
 Toluene-d8
 Concen: 54.121 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD061911.D
 Acq: 19 Apr 2019 15:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.8



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

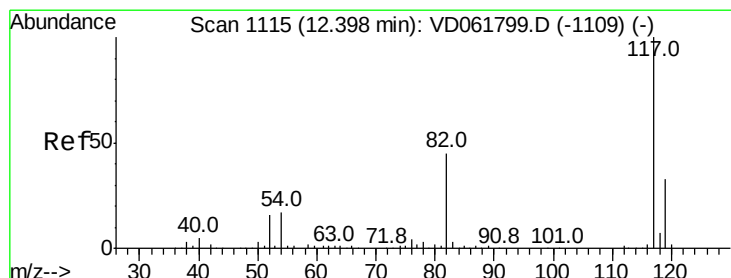
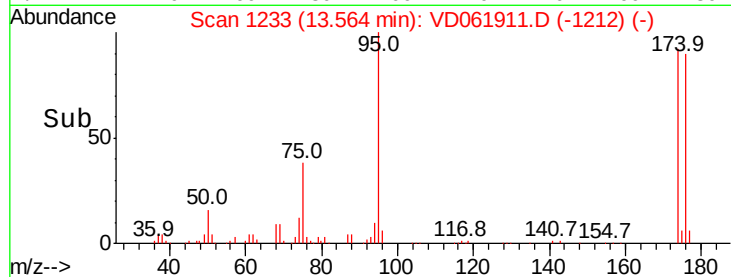
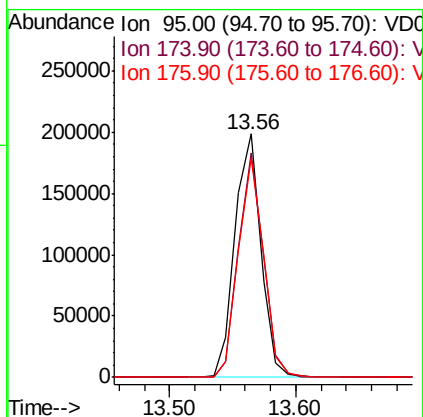
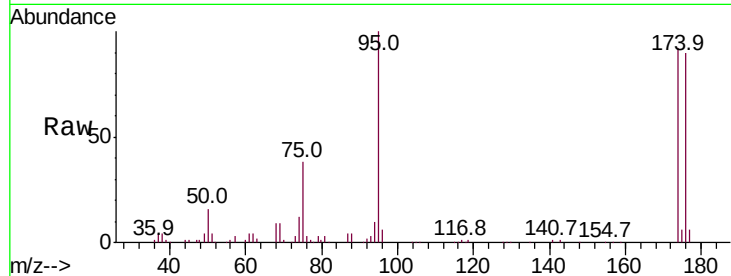




#62
4-Bromofluorobenzene
Concen: 50.203 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

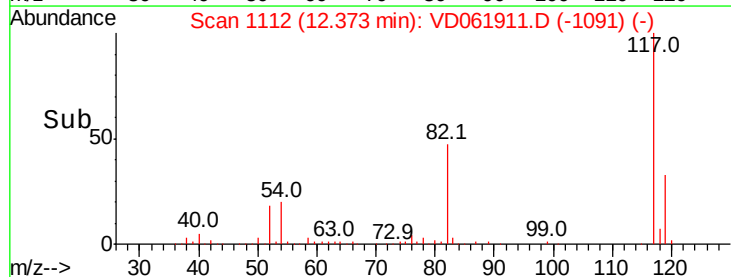
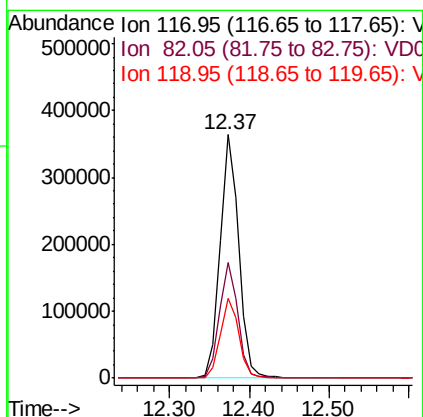
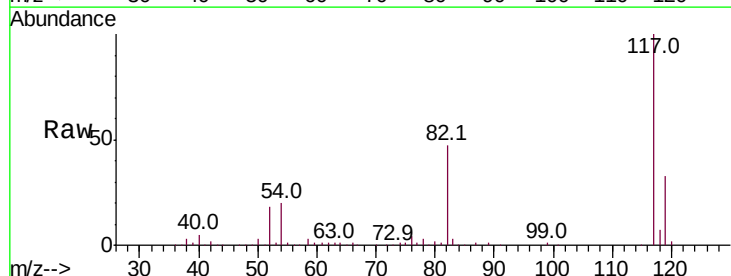
Instrument :
MSVOA_D
ClientSampleId :
RO-288

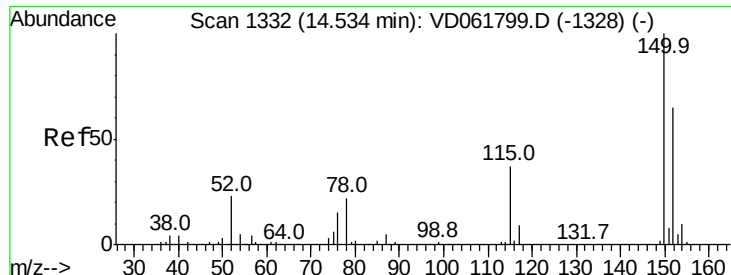
Tot Ion: 95 Resp: 281459
Ion Ratio Lower Upper
95 100
174 92.4 0.0 181.8
176 90.1 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 117 Resp: 601986
Ion Ratio Lower Upper
117 100
82 47.5 36.2 54.2
119 32.6 26.2 39.4

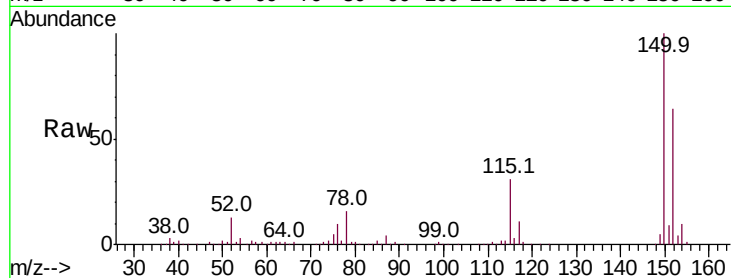




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061911.D
 Acq: 19 Apr 2019 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-288

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.2	30.9	92.7
150	157.4	0.0	314.8



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

