

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061889.D
 Acq On : 19 Apr 2019 1:15
 Operator : VA/AP
 Sample : VD0418SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419

Quant Time: Apr 19 02:00:25 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

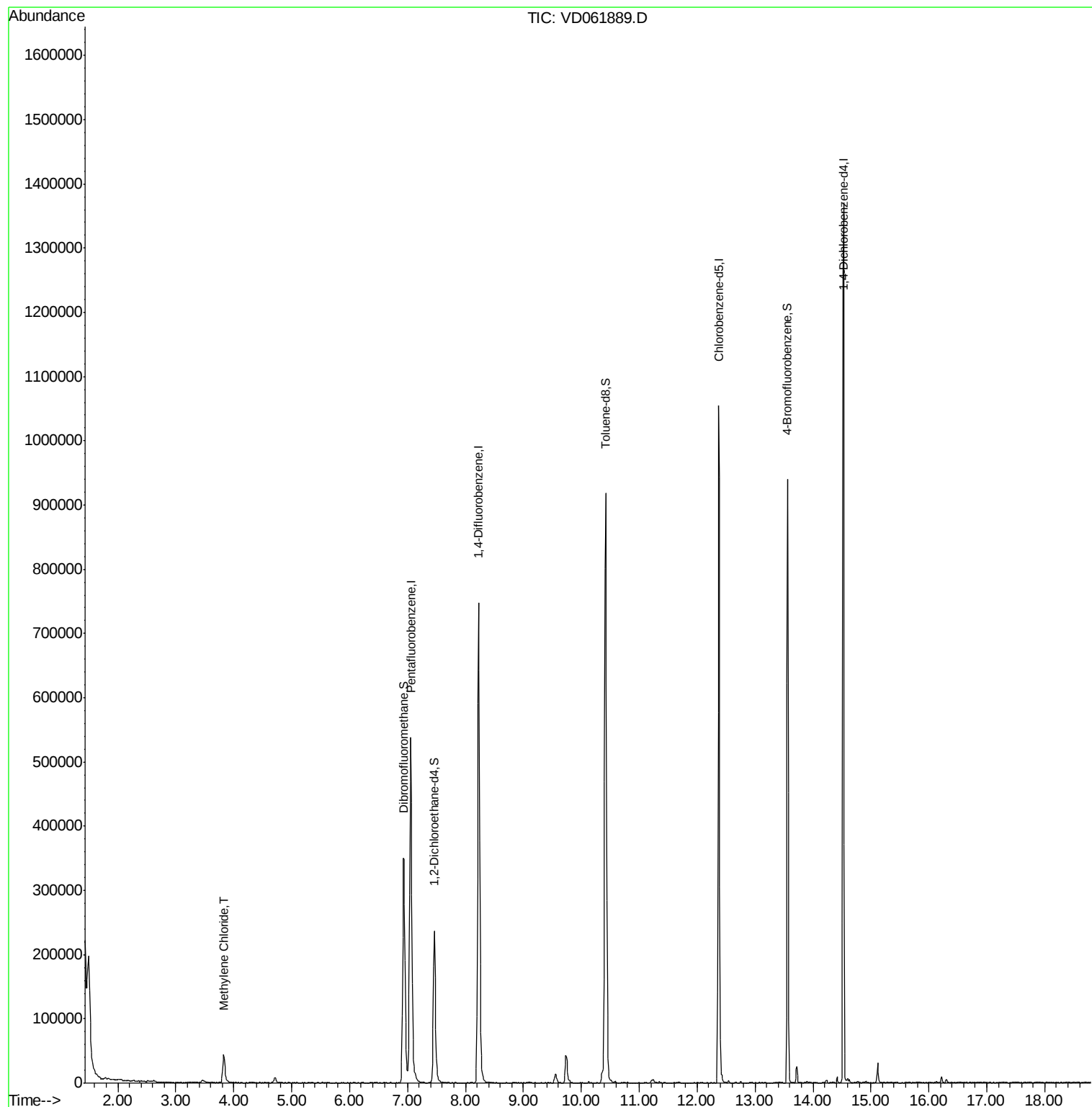
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	535768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	893210	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	683230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	348819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	248690	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	6.93	113	346252	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.42	98	788491	49.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	13.56	95	289030	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
20) Methylene Chloride	3.83	84	32527	1.460	ug/l	Qvalue 95

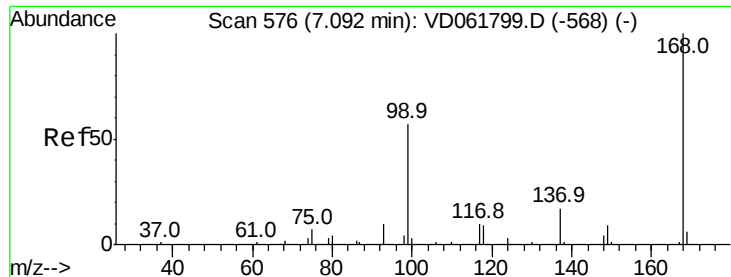
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampleId :

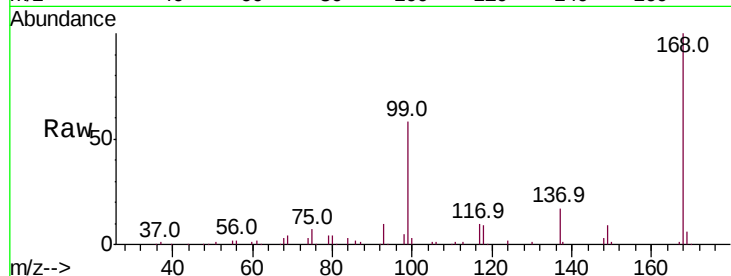
VD0419

Tot Ion:168 Resp: 535768

Ion Ratio Lower Upper

168 100

99 58.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

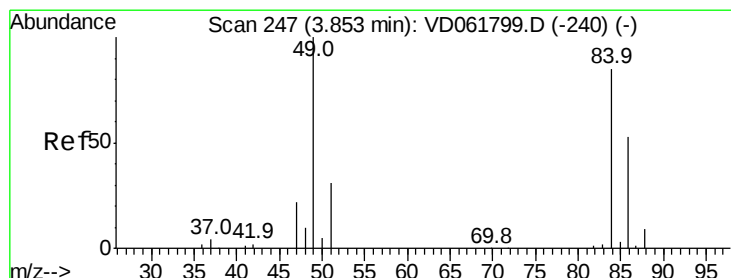
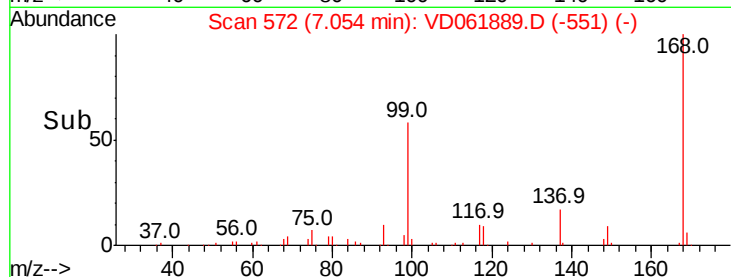
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 1.460 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Tgt Ion: 84 Resp: 32527

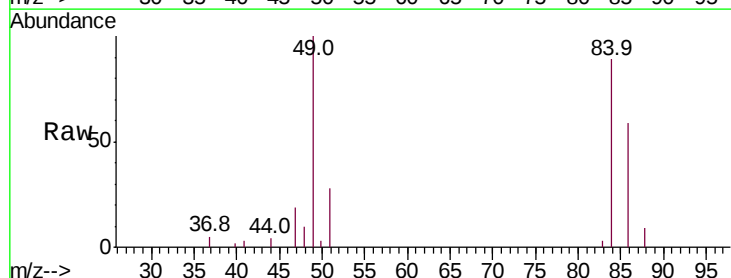
Ion Ratio Lower Upper

84 100

49 112.6 94.0 141.0

51 32.0 29.0 43.4

86 67.0 49.8 74.6



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

3.83

20000

15000

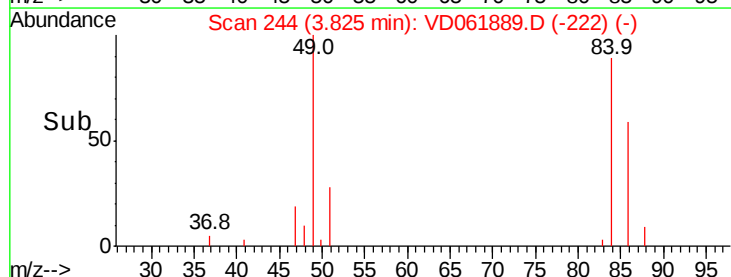
10000

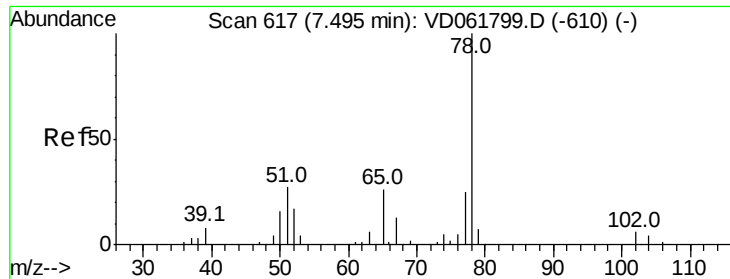
5000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

Instrument :

MSVOA_D

ClientSampled :

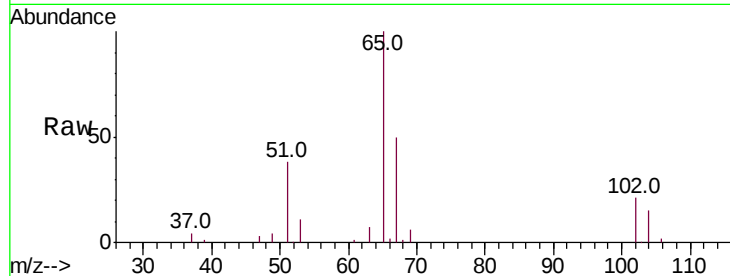
VD0419

Tot Ion: 65 Resp: 248690

Ion Ratio Lower Upper

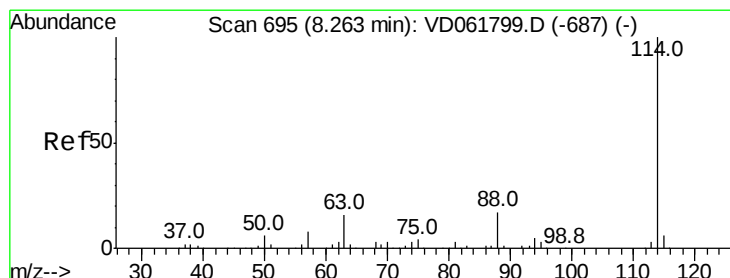
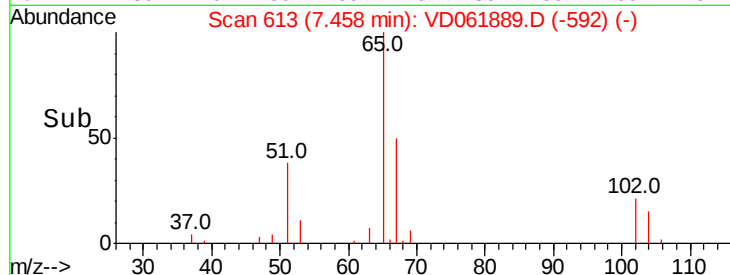
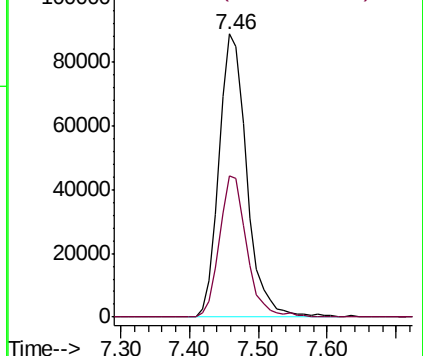
65 100

67 49.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061889.D

Acq: 19 Apr 2019 1:15

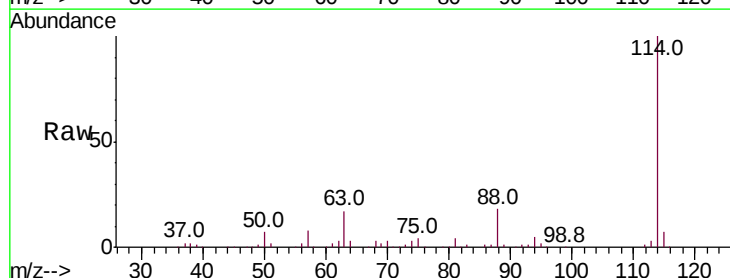
Tgt Ion:114 Resp: 893210

Ion Ratio Lower Upper

114 100

63 16.9 0.0 32.4

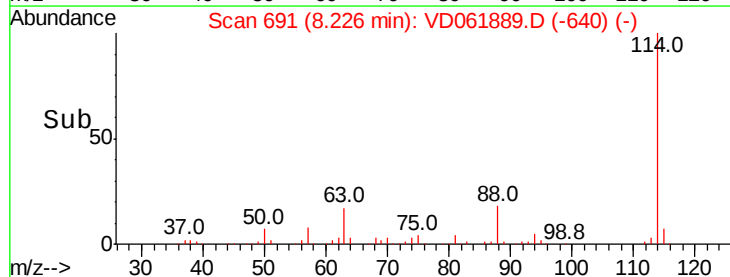
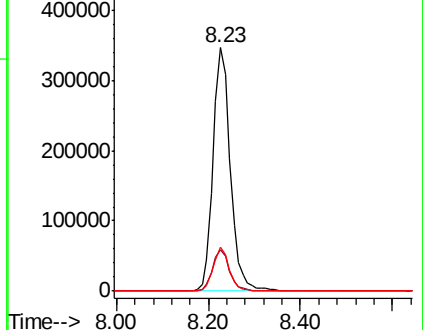
88 17.9 0.0 33.6

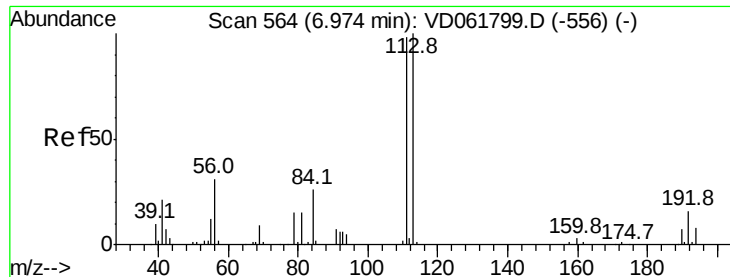


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

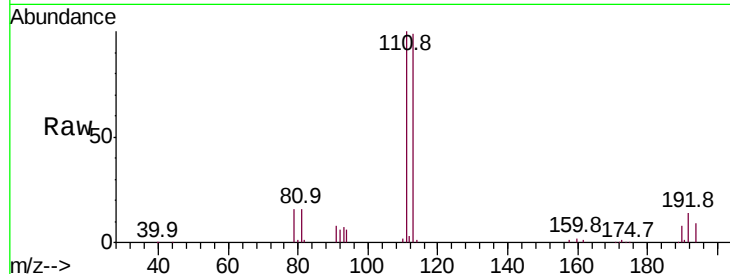




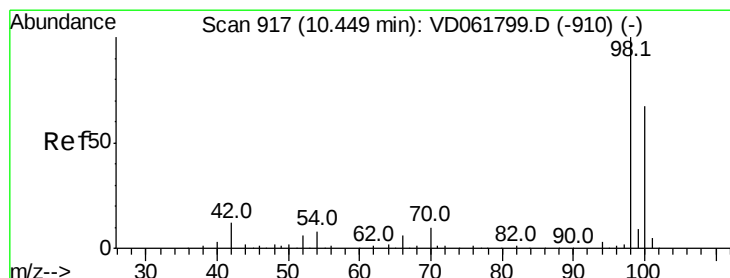
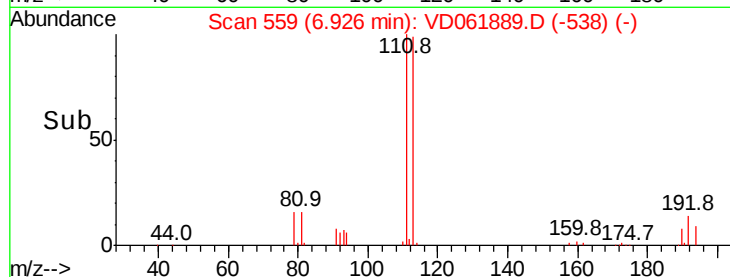
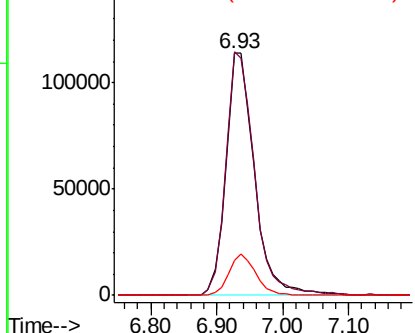
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061889.D
 Acq: 19 Apr 2019 1:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	78.5	117.7
192	14.4	13.0	19.4

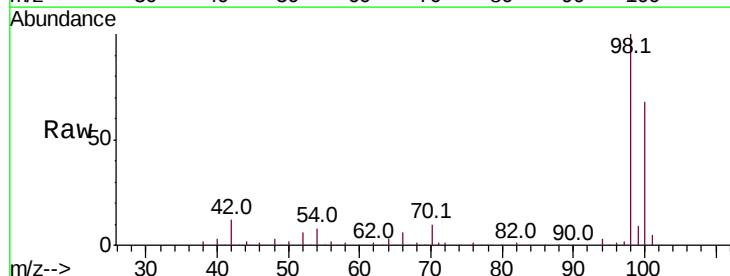


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

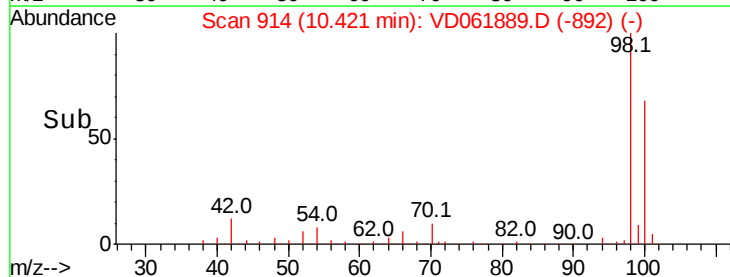
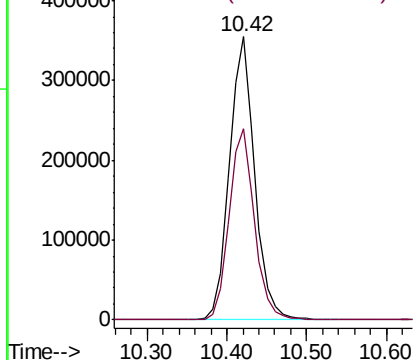


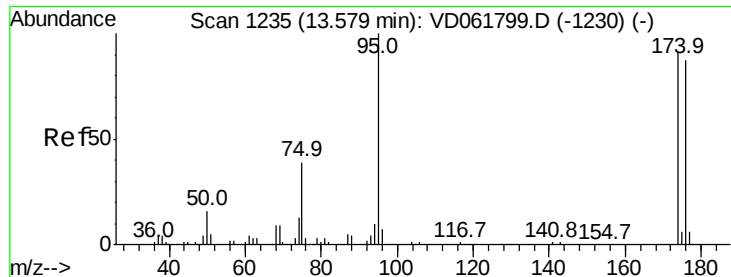
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD061889.D
 Acq: 19 Apr 2019 1:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.8	80.8



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

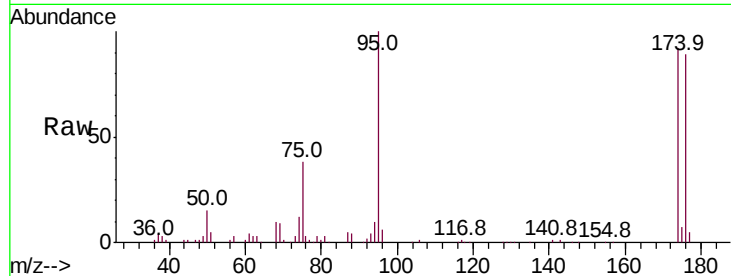




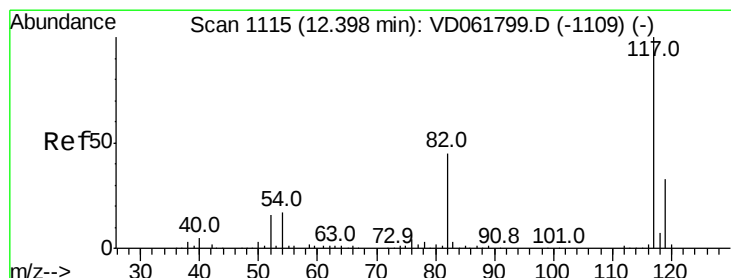
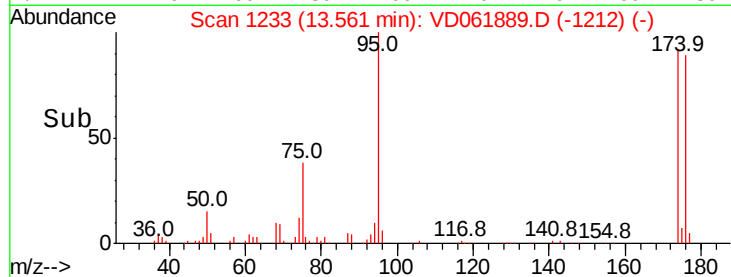
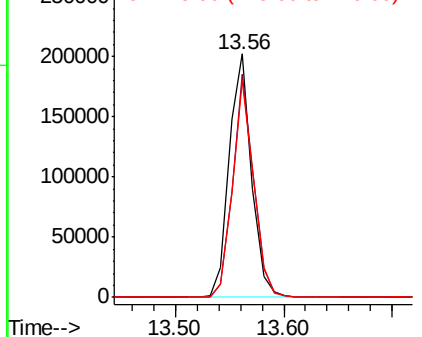
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Instrument :
MSVOA_D
ClientSampleId :
VD0419

Tot Ion: 95 Resp: 289030
Ion Ratio Lower Upper
95 100
174 91.5 0.0 181.8
176 89.0 0.0 174.4

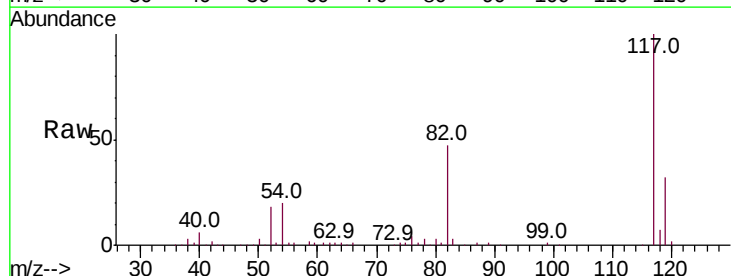


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

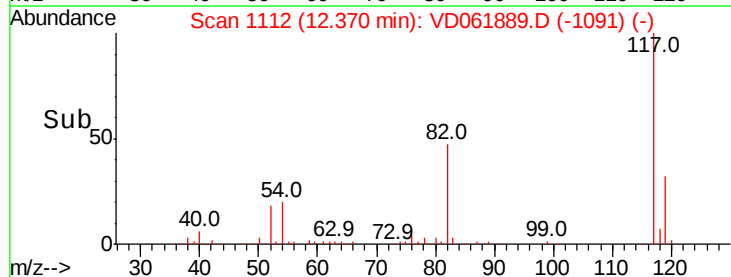
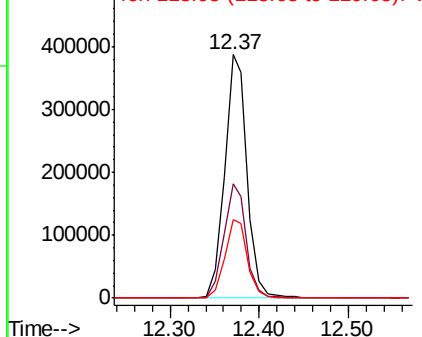


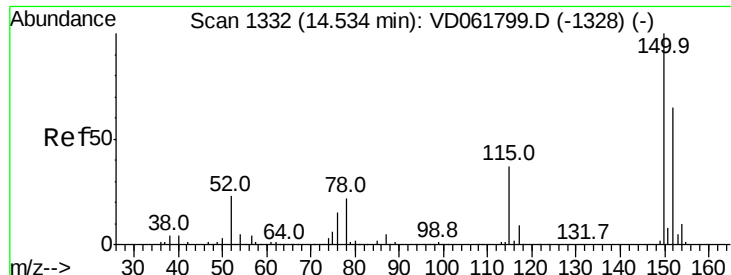
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061889.D
Acq: 19 Apr 2019 1:15

Tgt Ion: 117 Resp: 683230
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 32.1 26.2 39.4



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

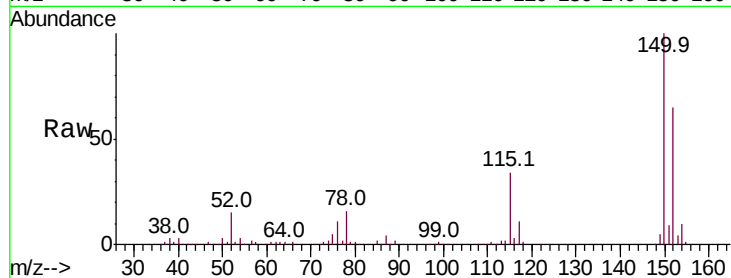




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061889.D
 Acq: 19 Apr 2019 1:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419

Tot Ion:152 Resp: 348819
 Ion Ratio Lower Upper
 152 100
 115 52.2 30.9 92.7
 150 153.7 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

