

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063060.D
 Acq On : 10 Jul 2019 16:16
 Operator : VA/AP
 Sample : K3726-01
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1 070919

Quant Time: Jul 11 07:35:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1010225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1405349	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1162170	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	629703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	415427	37.83	ug/l	-0.01
Spiked Amount						
			Recovery	=		75.66%
35) Dibromofluoromethane	6.92	113	483056	40.76	ug/l	-0.01
Spiked Amount						
			Recovery	=		81.52%
50) Toluene-d8	10.40	98	1030916	39.97	ug/l	-0.01
Spiked Amount						
			Recovery	=		79.94%
62) 4-Bromofluorobenzene	13.55	95	432765	36.90	ug/l	0.00
Spiked Amount						
			Recovery	=		73.80%

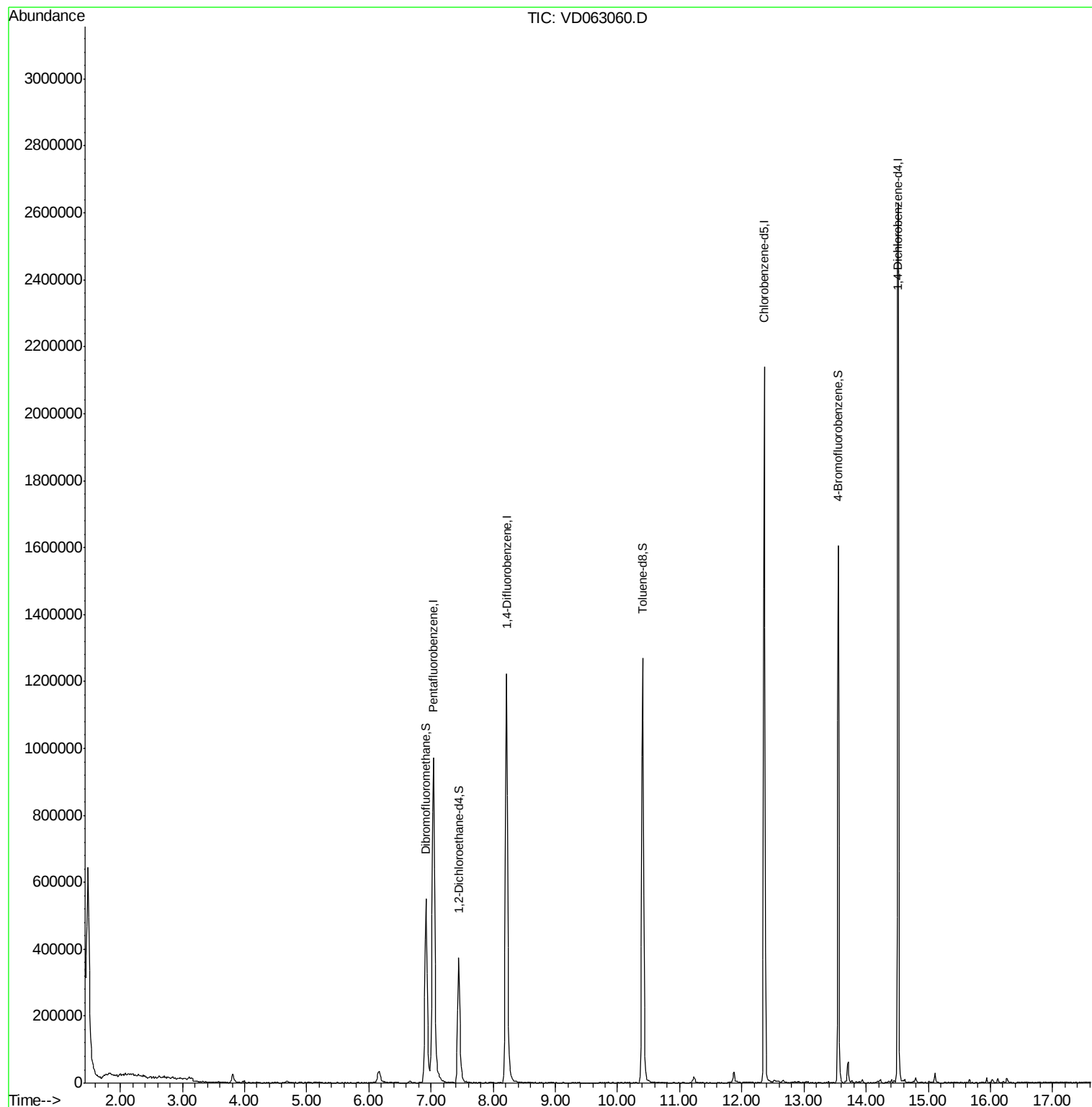
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

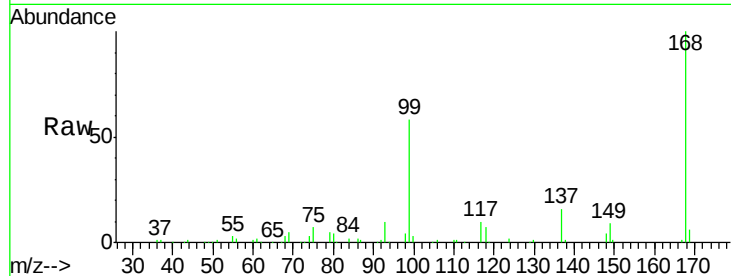
PX-1 070919

Tot Ion:168 Resp: 1010225

Ion Ratio Lower Upper

168 100

99 58.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

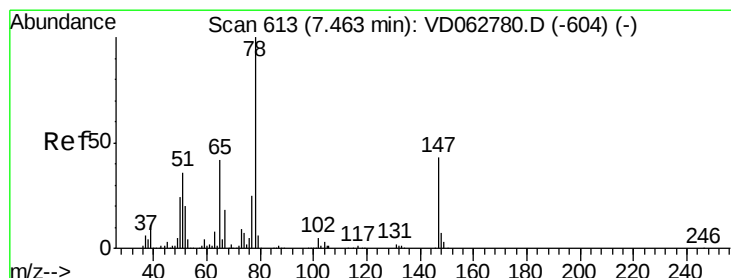
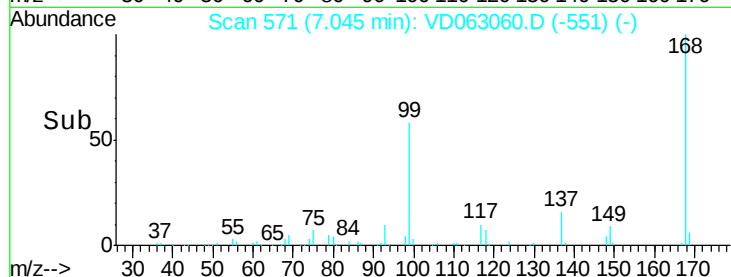
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.831 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063060.D

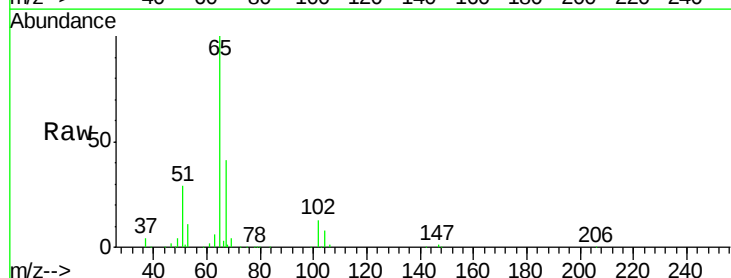
Acq: 10 Jul 2019 16:16

Tgt Ion: 65 Resp: 415427

Ion Ratio Lower Upper

65 100

67 41.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

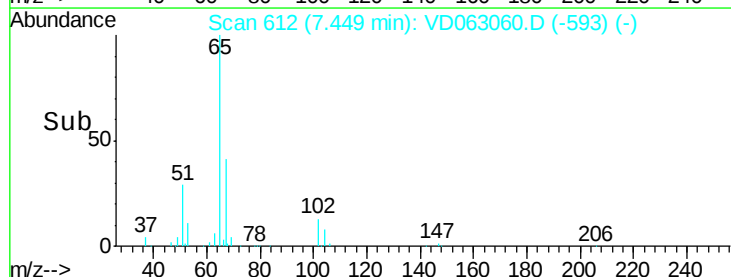
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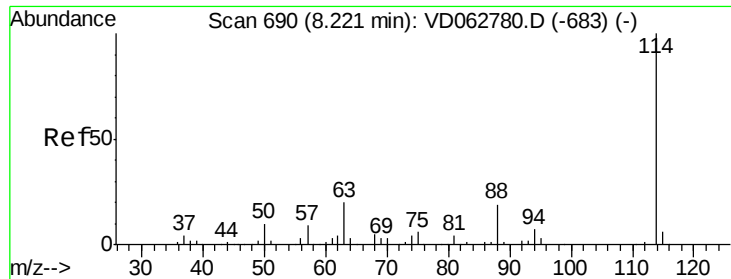
50000

0

7.30 7.40 7.50 7.60

Time-->

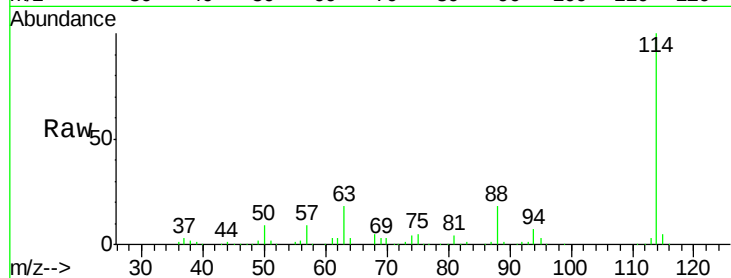




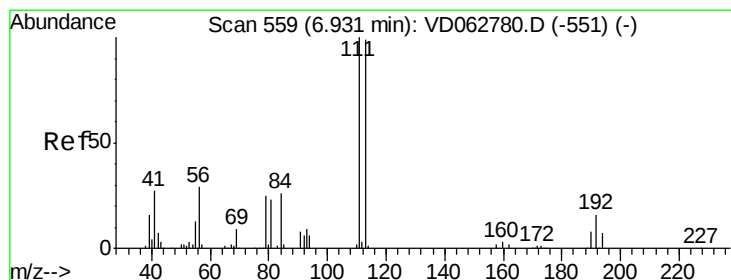
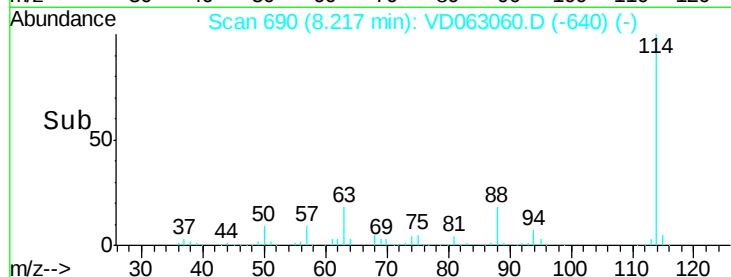
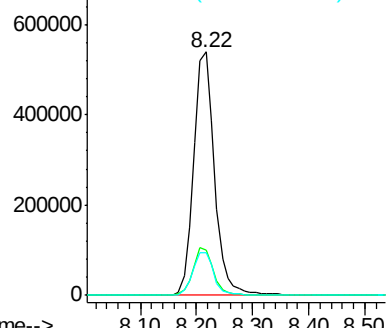
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD063060.D
 Acq: 10 Jul 2019 16:16

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1_070919

Tot Ion:114 Resp: 1405349
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.0
 88 17.7 0.0 38.8

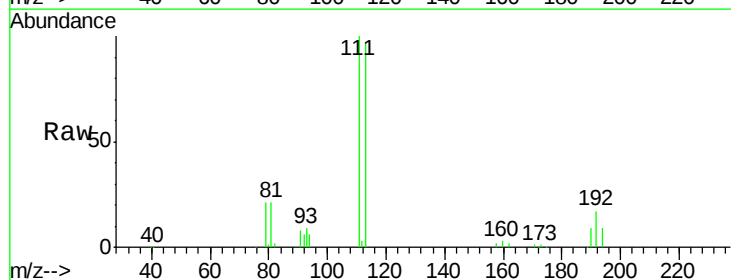


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

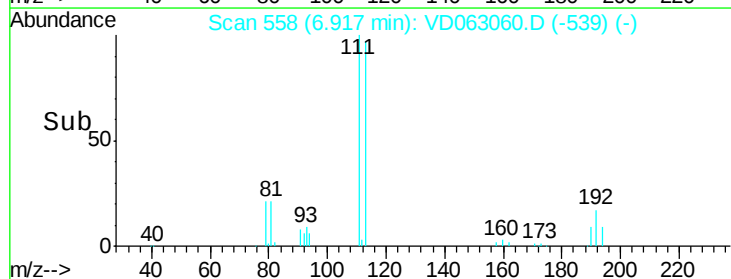
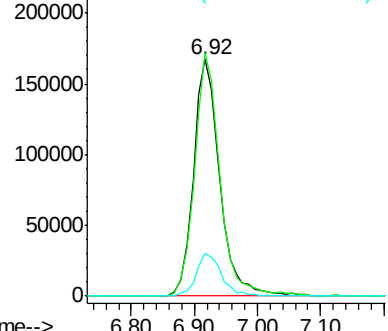


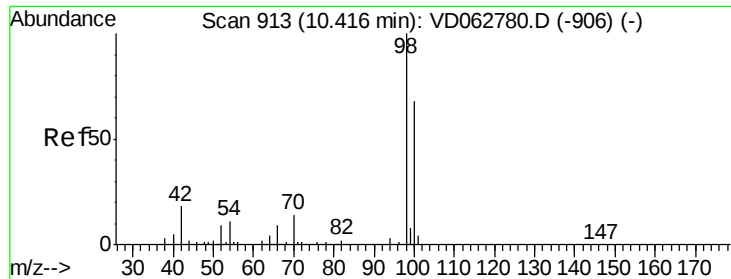
#35
 Dibromofluoromethane
 Concen: 40.765 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063060.D
 Acq: 10 Jul 2019 16:16

Tgt Ion:113 Resp: 483056
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 17.9 12.9 19.3



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

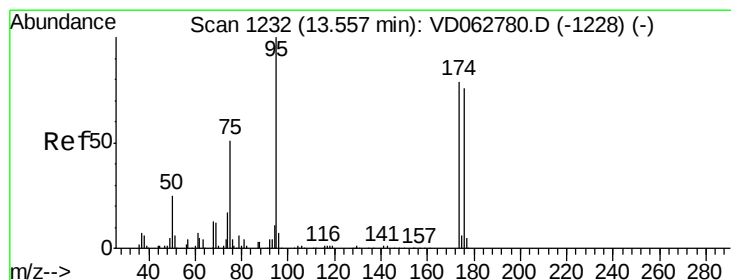
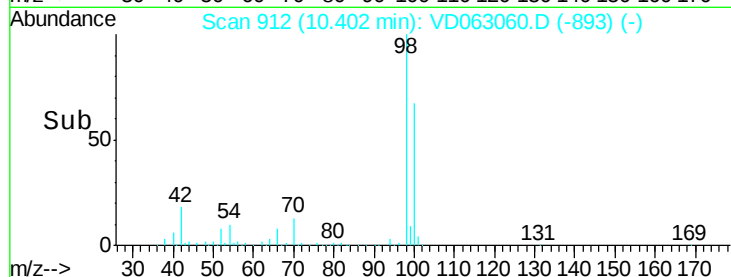
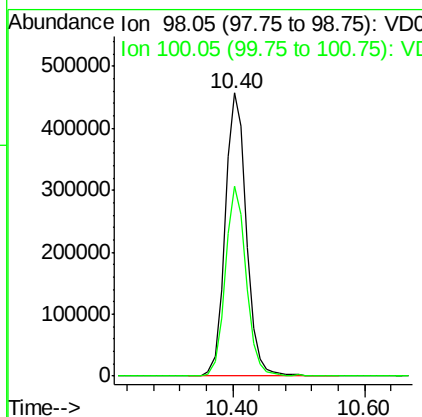
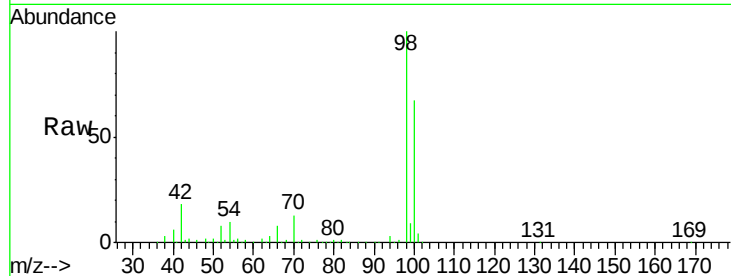




#50
Toluene-d8
Concen: 39.972 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

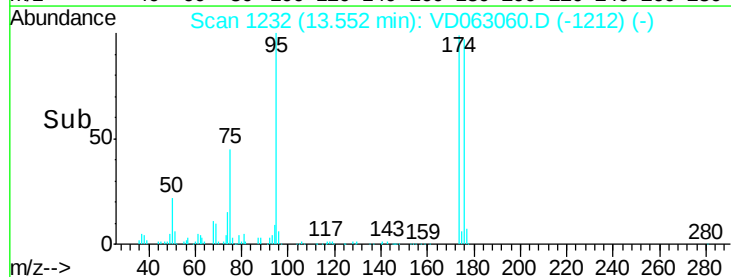
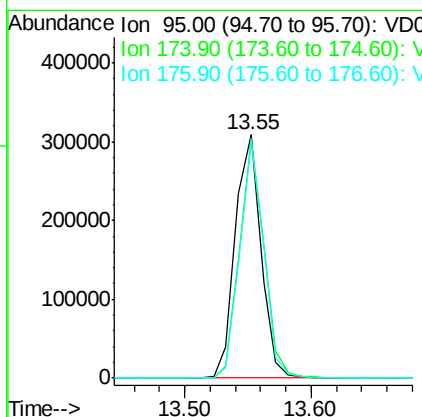
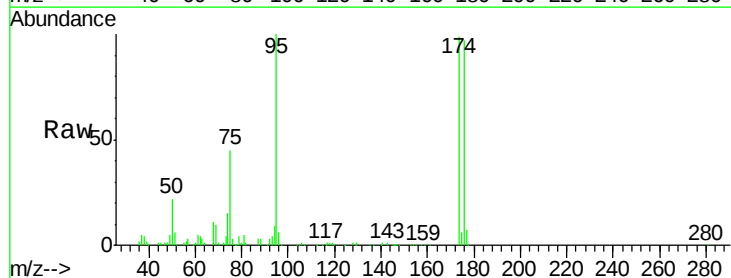
Instrument :
MSVOA_D
ClientSampleId :
PX-1 070919

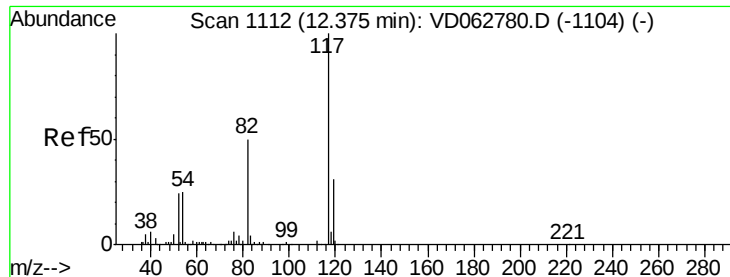
Tot Ion: 98 Resp: 1030916
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.903 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion: 95 Resp: 432765
Ion Ratio Lower Upper
95 100
174 98.7 0.0 158.0
176 97.5 0.0 151.6

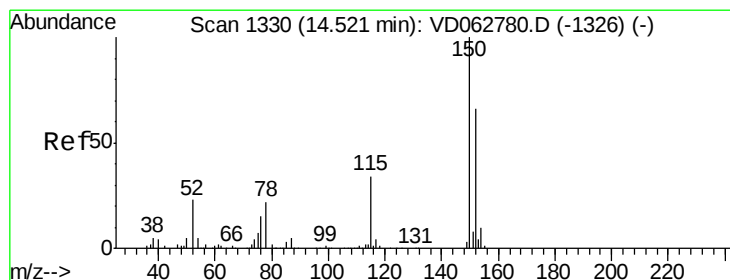
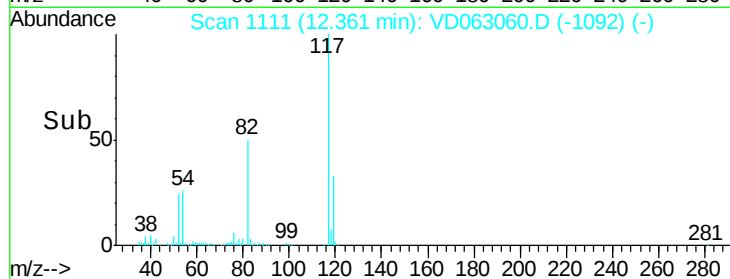
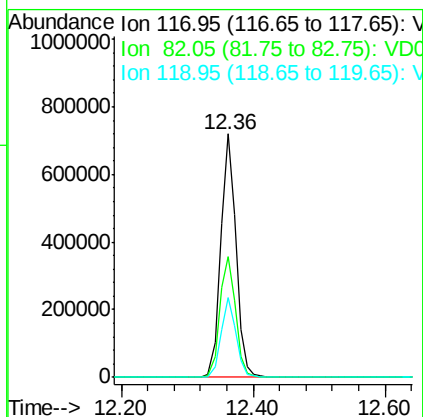
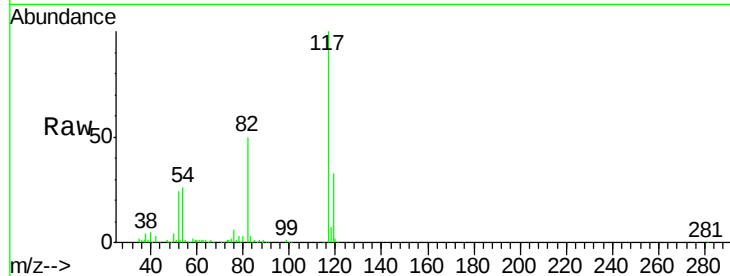




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :
PX-1_070919

Tot Ion:117 Resp: 1162170
Ion Ratio Lower Upper
117 100
82 49.6 40.4 60.6
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion:152 Resp: 629703
Ion Ratio Lower Upper
152 100
115 55.5 29.2 87.6
150 152.2 0.0 305.8

