

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064235.D
 Acq On : 15 Nov 2019 18:57
 Operator : VA/SY
 Sample : K5839-06
 Misc : 3.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NW-03

Quant Time: Nov 18 00:49:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	280134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	170366	73.95	ug/l	0.00
Spiked Amount			Recovery	=	147.90%	
35) Dibromofluoromethane	7.92	113	135458	56.50	ug/l	0.00
Spiked Amount			Recovery	=	113.00%	
50) Toluene-d8	10.34	98	495453	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.64	95	179695	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	

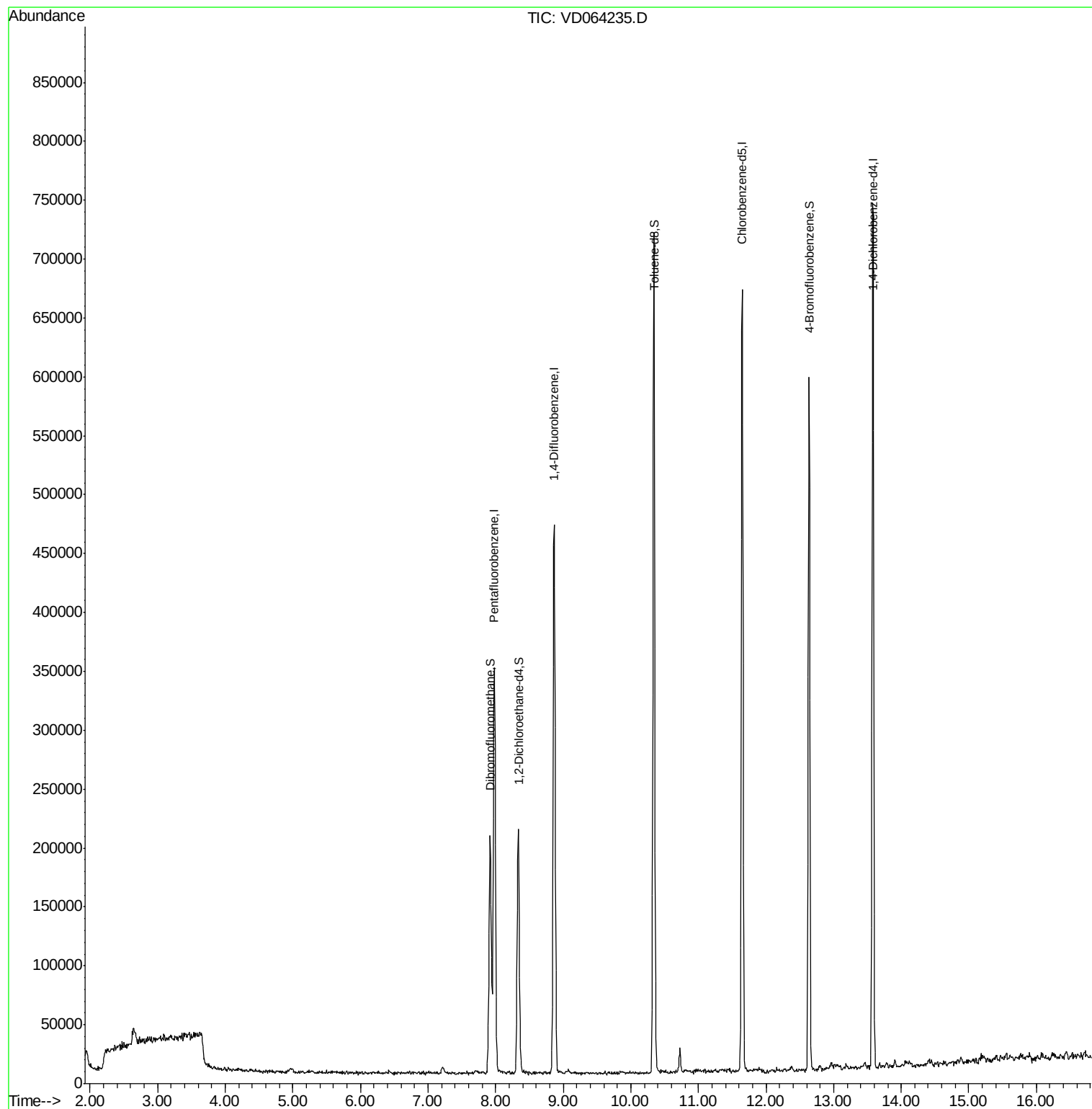
Target Compounds	Qvalue
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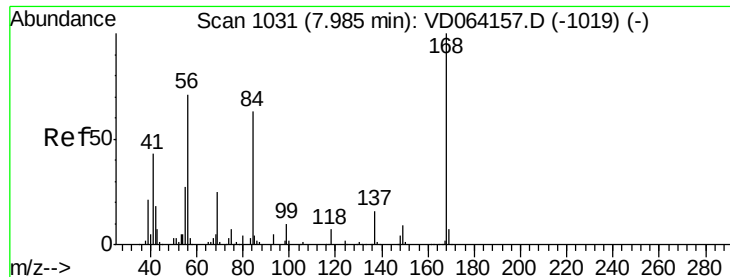
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064235.D

Acq: 15 Nov 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

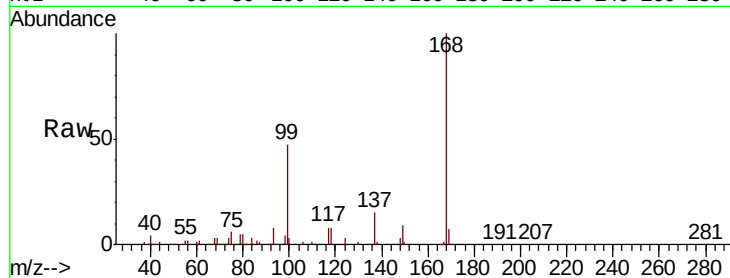
PHIPPS-BH-NW-03

Tot Ion:168 Resp: 280134

Ion Ratio Lower Upper

168 100

99 47.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

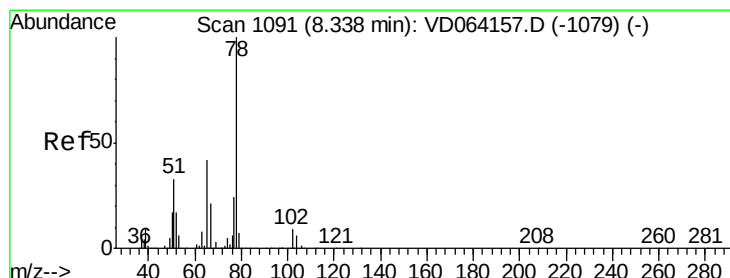
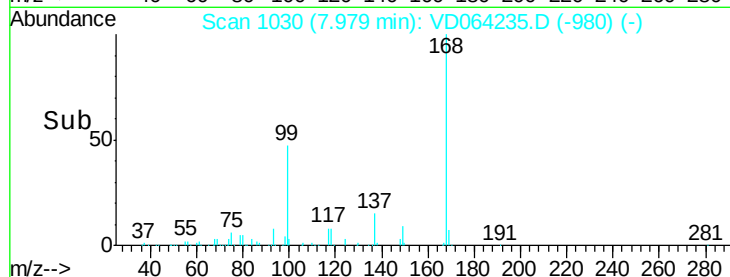
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 73.946 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064235.D

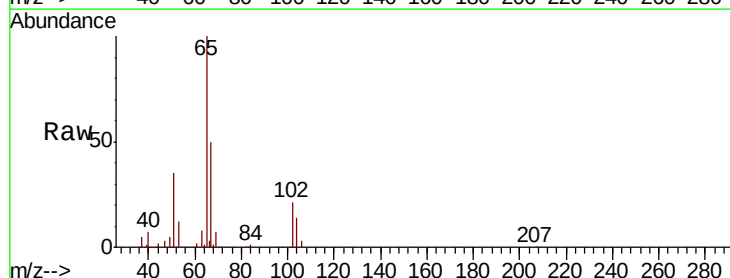
Acq: 15 Nov 2019 18:57

Tgt Ion: 65 Resp: 170366

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

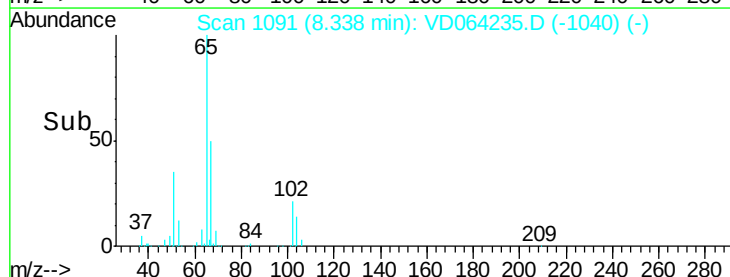
40000

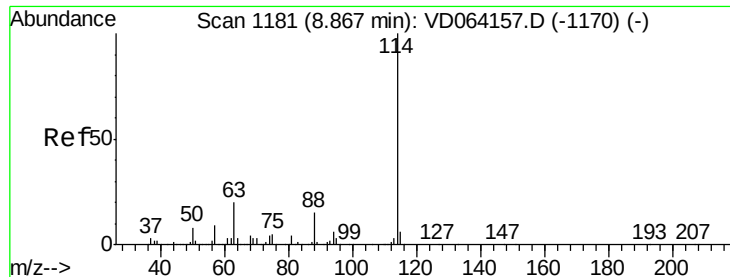
20000

0

8.30 8.40

Time-->

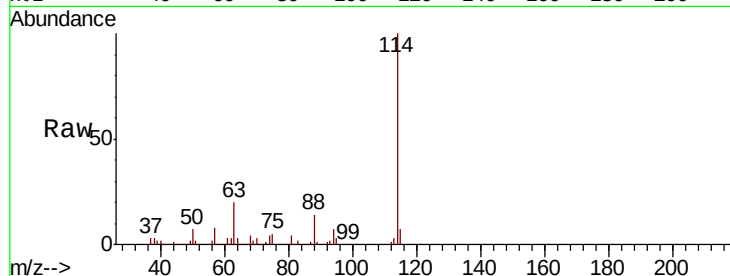




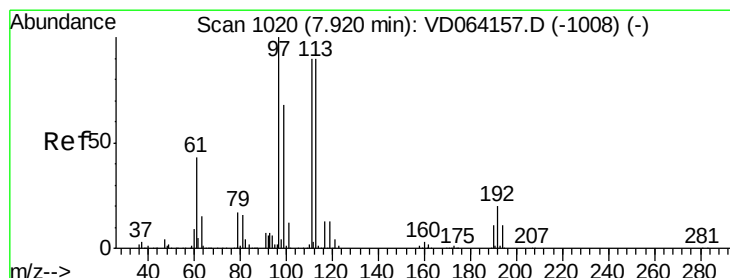
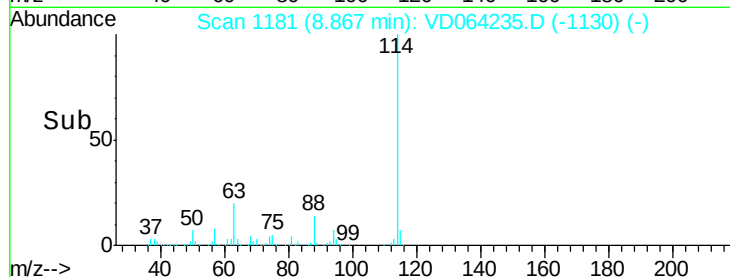
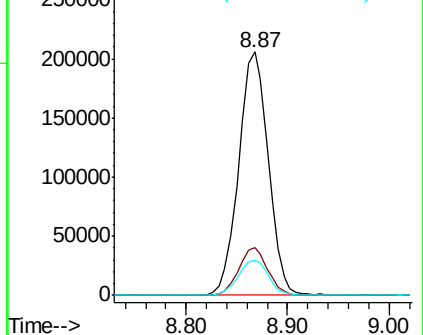
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064235.D
 Acq: 15 Nov 2019 18:57

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NW-03

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	14.1	0.0	30.2

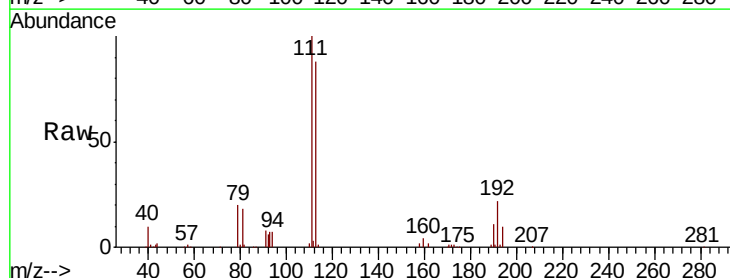


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

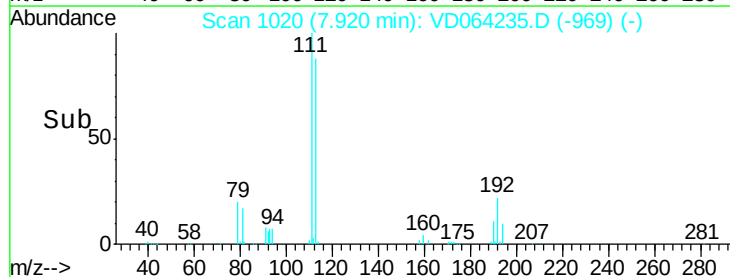
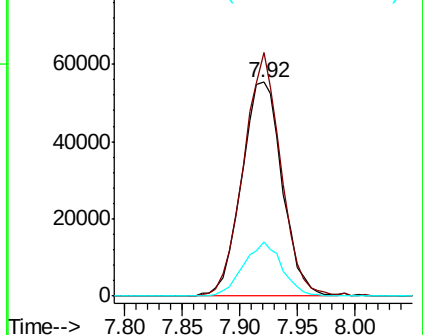


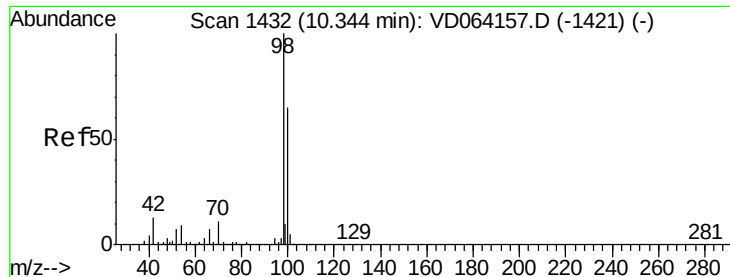
#35
 Dibromofluoromethane
 Concen: 56.499 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064235.D
 Acq: 15 Nov 2019 18:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.5	122.3
192	24.1	18.8	28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

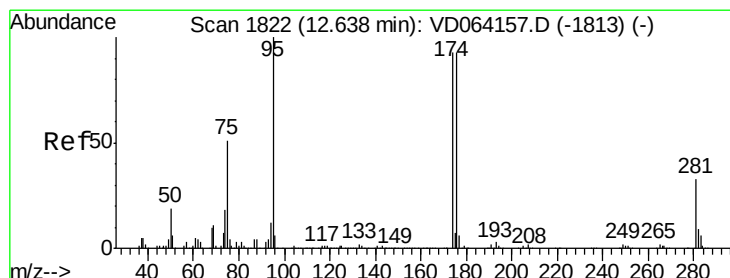
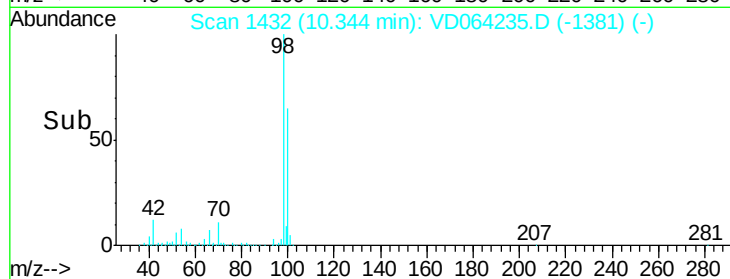
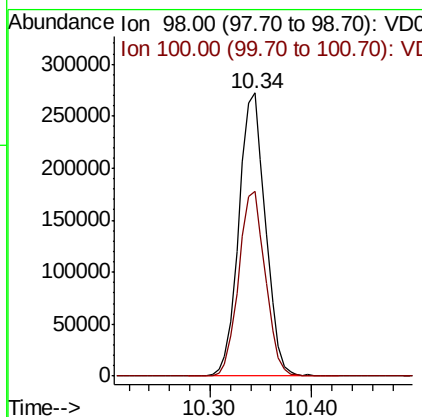
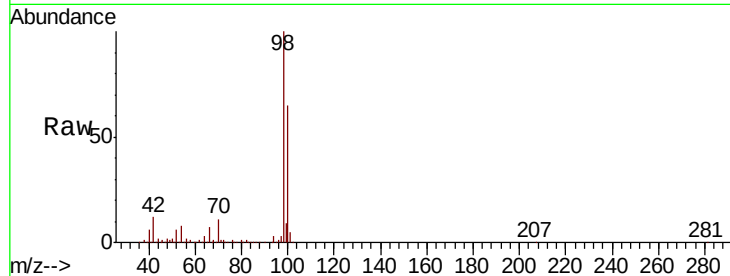




#50
Toluene-d8
Concen: 54.780 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064235.D
Acq: 15 Nov 2019 18:57

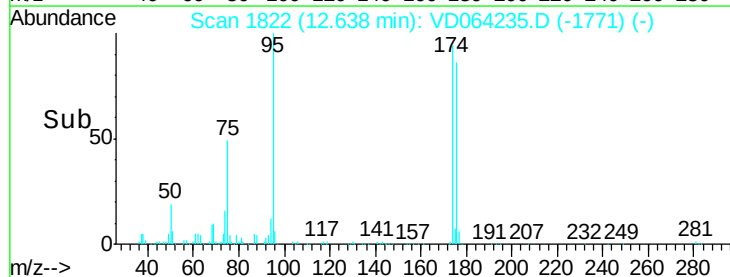
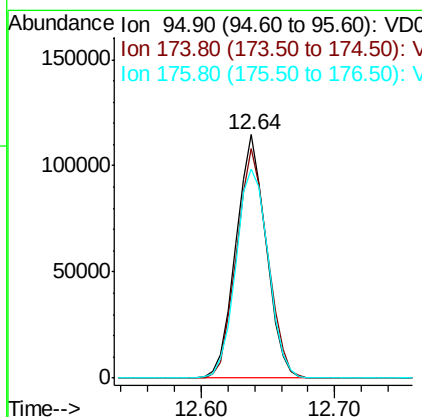
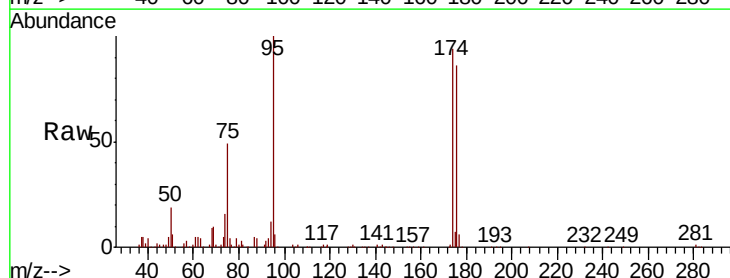
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NW-03

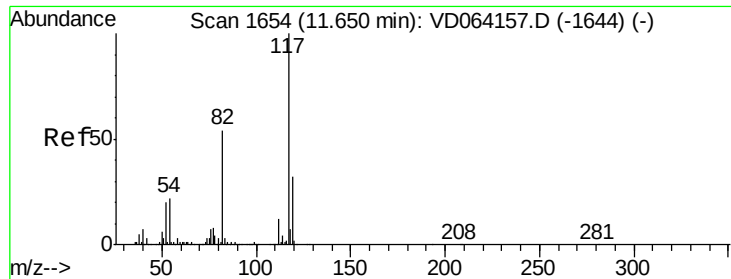
Tot Ion: 98 Resp: 495453
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.371 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064235.D
Acq: 15 Nov 2019 18:57

Tgt Ion: 95 Resp: 179695
Ion Ratio Lower Upper
95 100
174 96.5 0.0 183.6
176 92.0 0.0 180.2

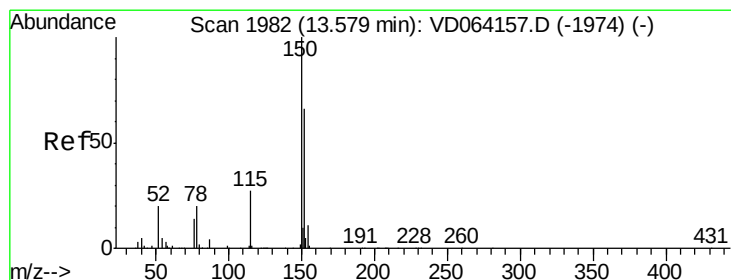
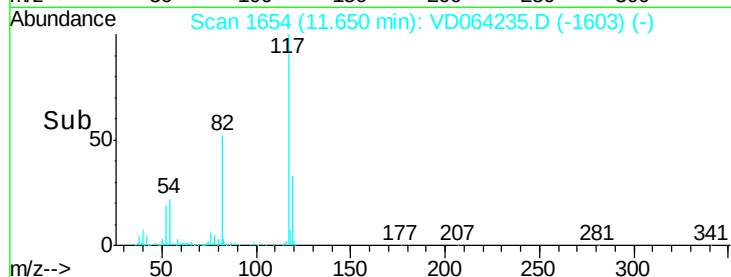
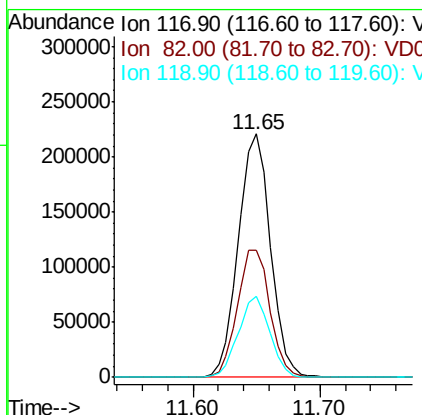
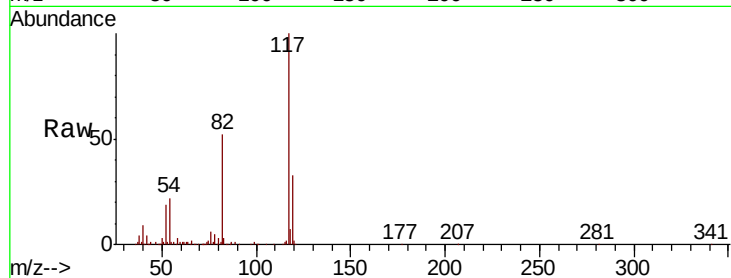




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064235.D
Acq: 15 Nov 2019 18:57

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NW-03

Tot Ion:117 Resp: 389606
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064235.D
Acq: 15 Nov 2019 18:57

Tgt Ion:152 Resp: 202889
Ion Ratio Lower Upper
152 100
115 54.9 27.4 82.2
150 159.3 0.0 351.6

