

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064245.D
 Acq On : 16 Nov 2019 01:32
 Operator : VA/SY
 Sample : K5840-04
 Misc : 4.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NE-01

Quant Time: Nov 18 01:18:44 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	1022779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1457367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1244107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	582813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	418036	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	7.92	113	430705	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.34	98	1678139	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.64	95	522396	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

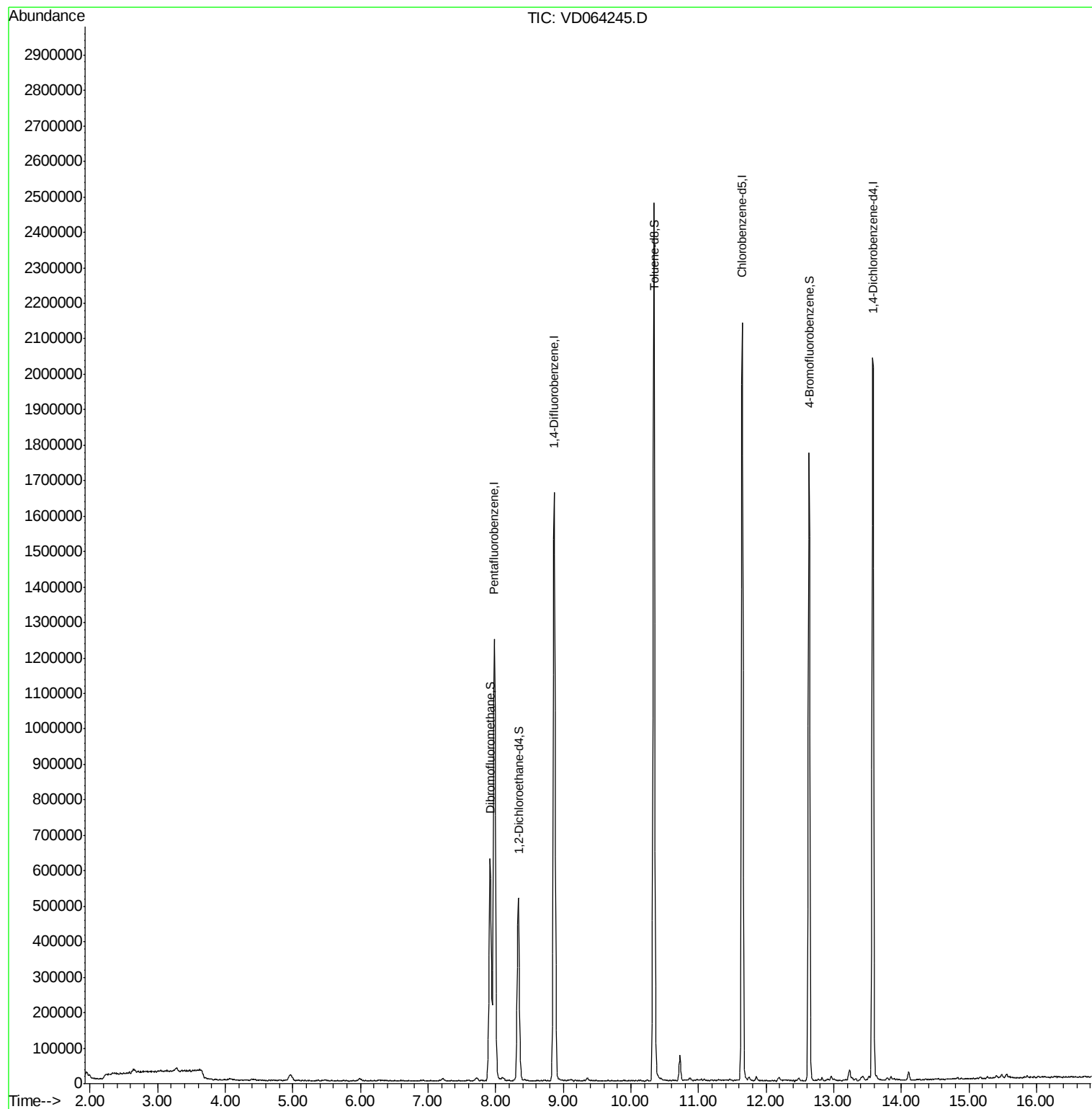
Target Compounds	Qvalue

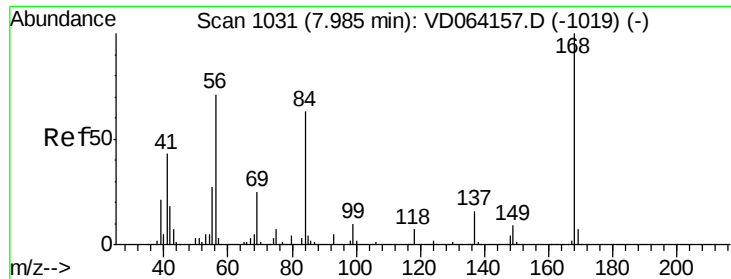
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064245.D
Acq On : 16 Nov 2019 01:32
Operator : VA/SY
Sample : K5840-04
Misc : 4.31G/5.00ml/MSVOA D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NE-01

Quant Time: Nov 18 01:18:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
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# 1031

Delta R.T. -0.00 min

Lab File: VD064245.D

Acq: 16 Nov 2019 01:32

Instrument :

MSVOA_D

ClientSampleId :

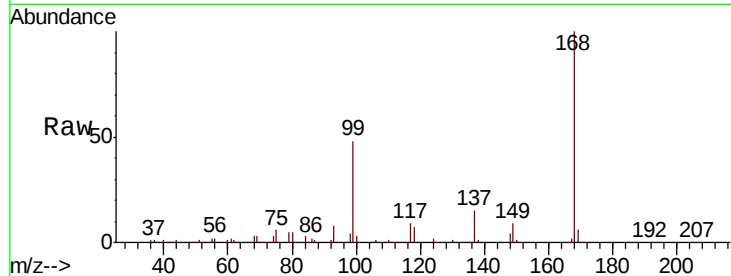
PHIPPS-BH-NE-01

Tot Ion:168 Resp: 1022779

Ion Ratio Lower Upper

168 100

99 48.4 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

400000

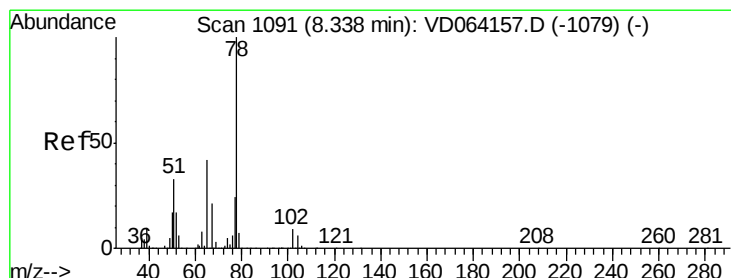
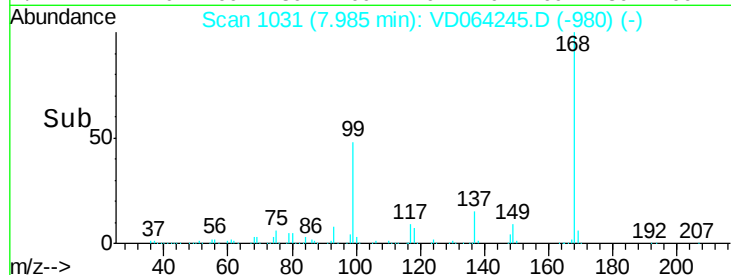
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.697 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064245.D

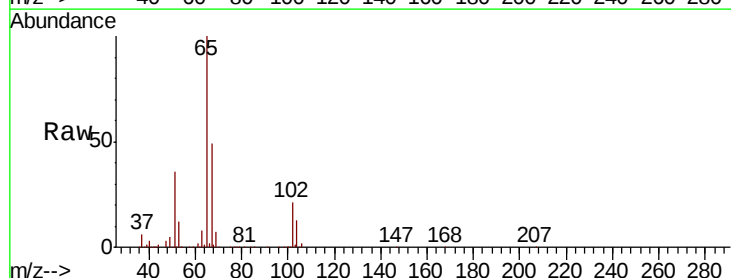
Acq: 16 Nov 2019 01:32

Tgt Ion: 65 Resp: 418036

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

200000

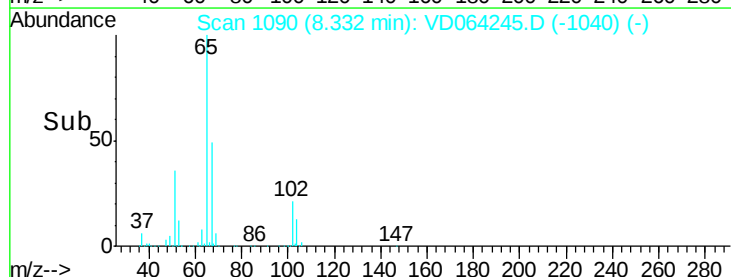
150000

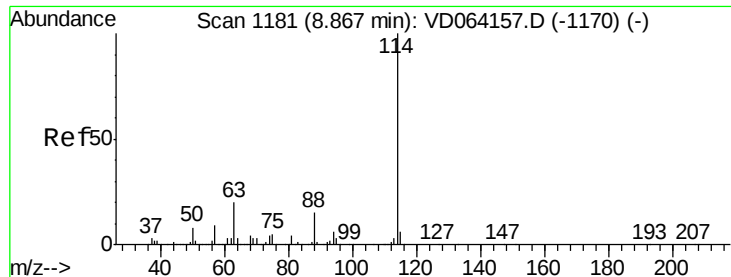
100000

50000

0

Time-->



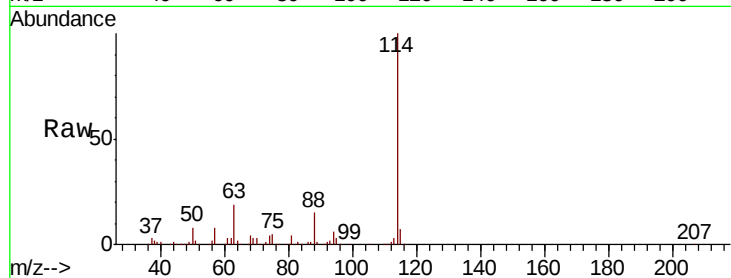


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064245.D
 Acq: 16 Nov 2019 01:32

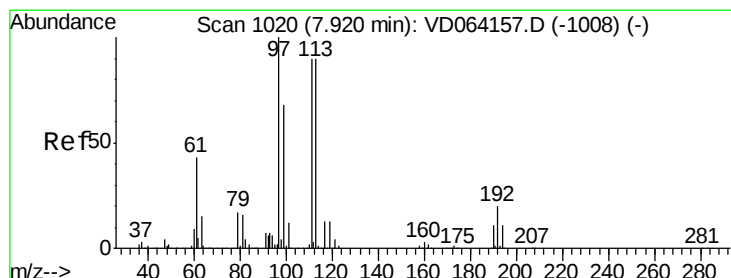
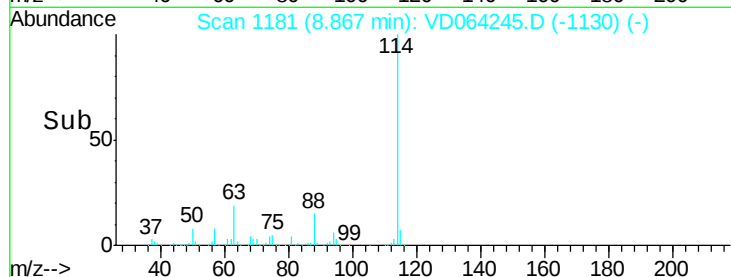
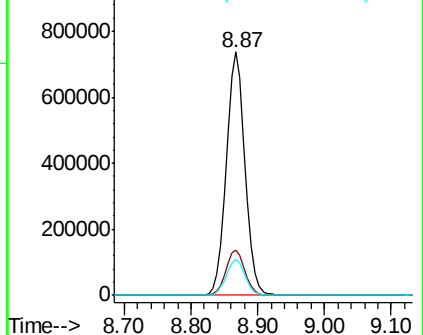
Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-NE-01

Tot Ion:114 Resp: 1457367

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.0
88	14.9	0.0	30.2



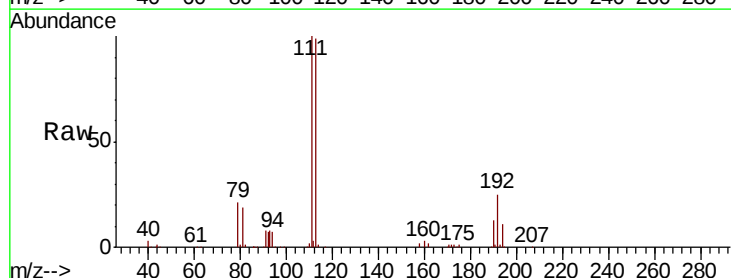
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC



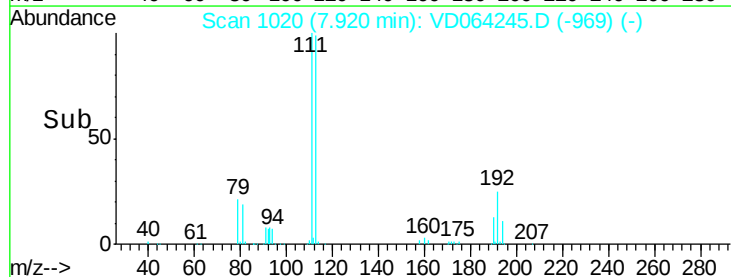
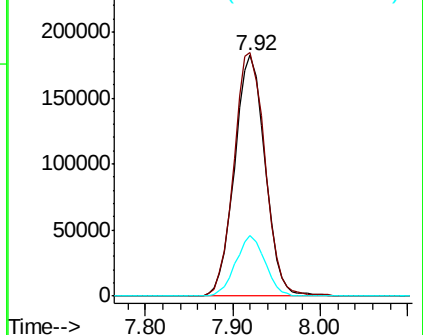
#35
 Dibromofluoromethane
 Concen: 51.486 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064245.D
 Acq: 16 Nov 2019 01:32

Tgt Ion:113 Resp: 430705

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	24.2	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

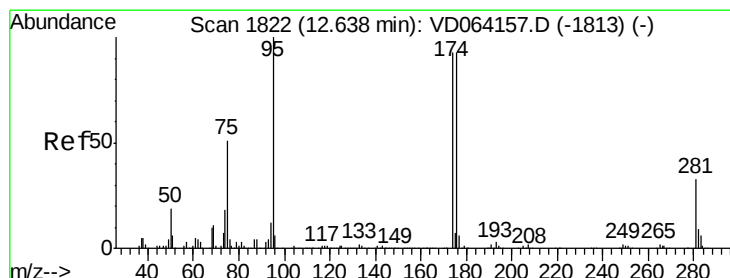
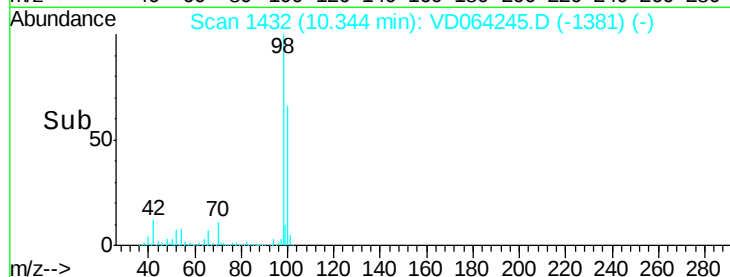
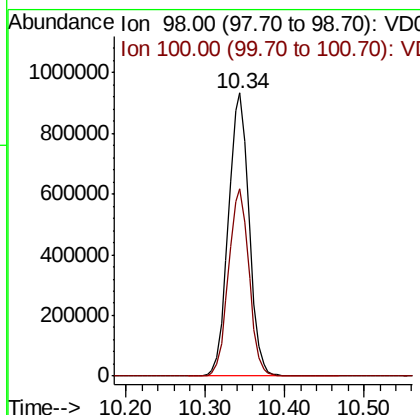
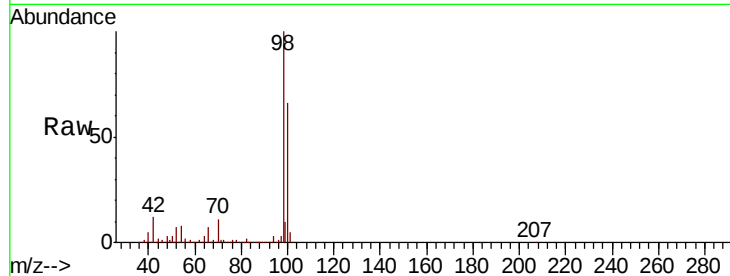




#50
Toluene-d8
Concen: 53.176 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064245.D
Acq: 16 Nov 2019 01:32

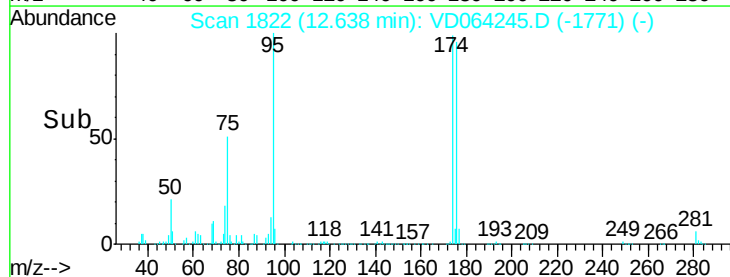
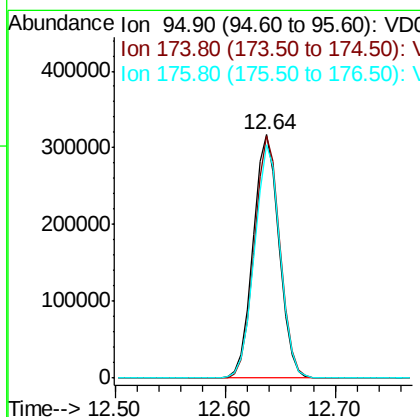
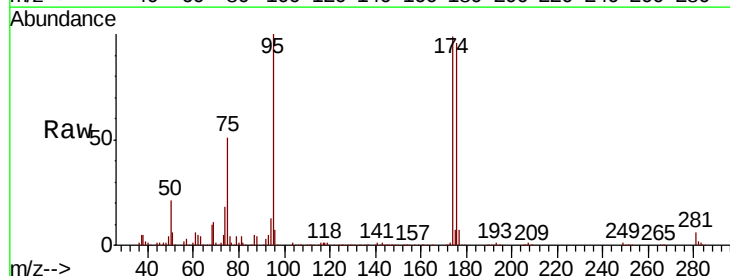
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NE-01

Tot Ion: 98 Resp: 1678139
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.800 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064245.D
Acq: 16 Nov 2019 01:32

Tgt Ion: 95 Resp: 522396
Ion Ratio Lower Upper
95 100
174 98.2 0.0 183.6
176 94.6 0.0 180.2

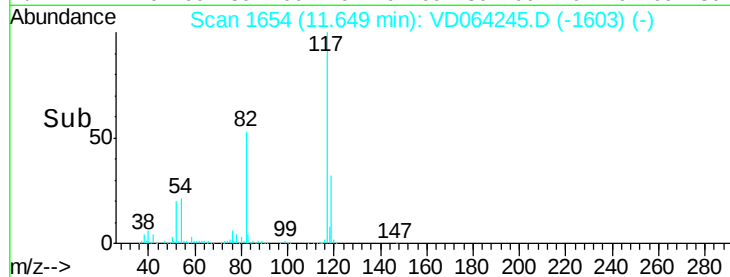
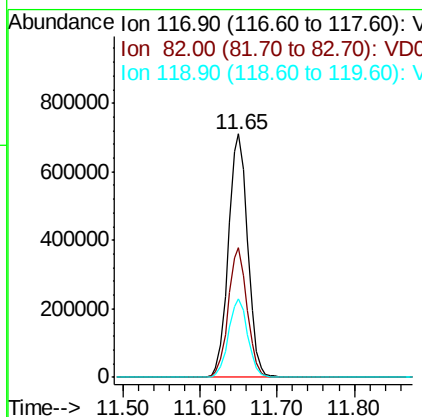
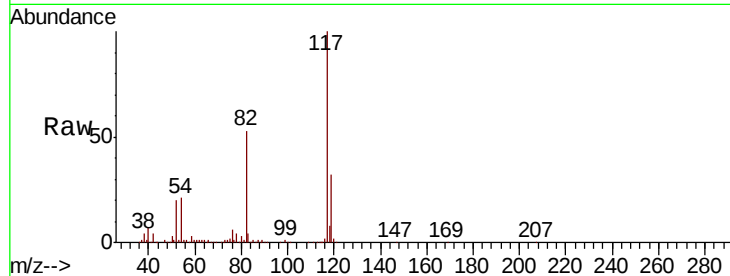




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064245.D
Acq: 16 Nov 2019 01:32

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NE-01

Tot Ion:117 Resp: 1244107
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 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: VD064245.D
Acq: 16 Nov 2019 01:32

Tgt Ion:152 Resp: 582813
Ion Ratio Lower Upper
152 100
115 53.5 27.4 82.2
150 154.6 0.0 351.6

