

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064250.D
 Acq On : 16 Nov 2019 03:56
 Operator : VA/SY
 Sample : K5840-14
 Misc : 4.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 18 02:43:11 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	533634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	712279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	368622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	285768	65.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.22%	
35) Dibromofluoromethane	7.92	113	247477	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
50) Toluene-d8	10.34	98	925041	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.64	95	319426	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

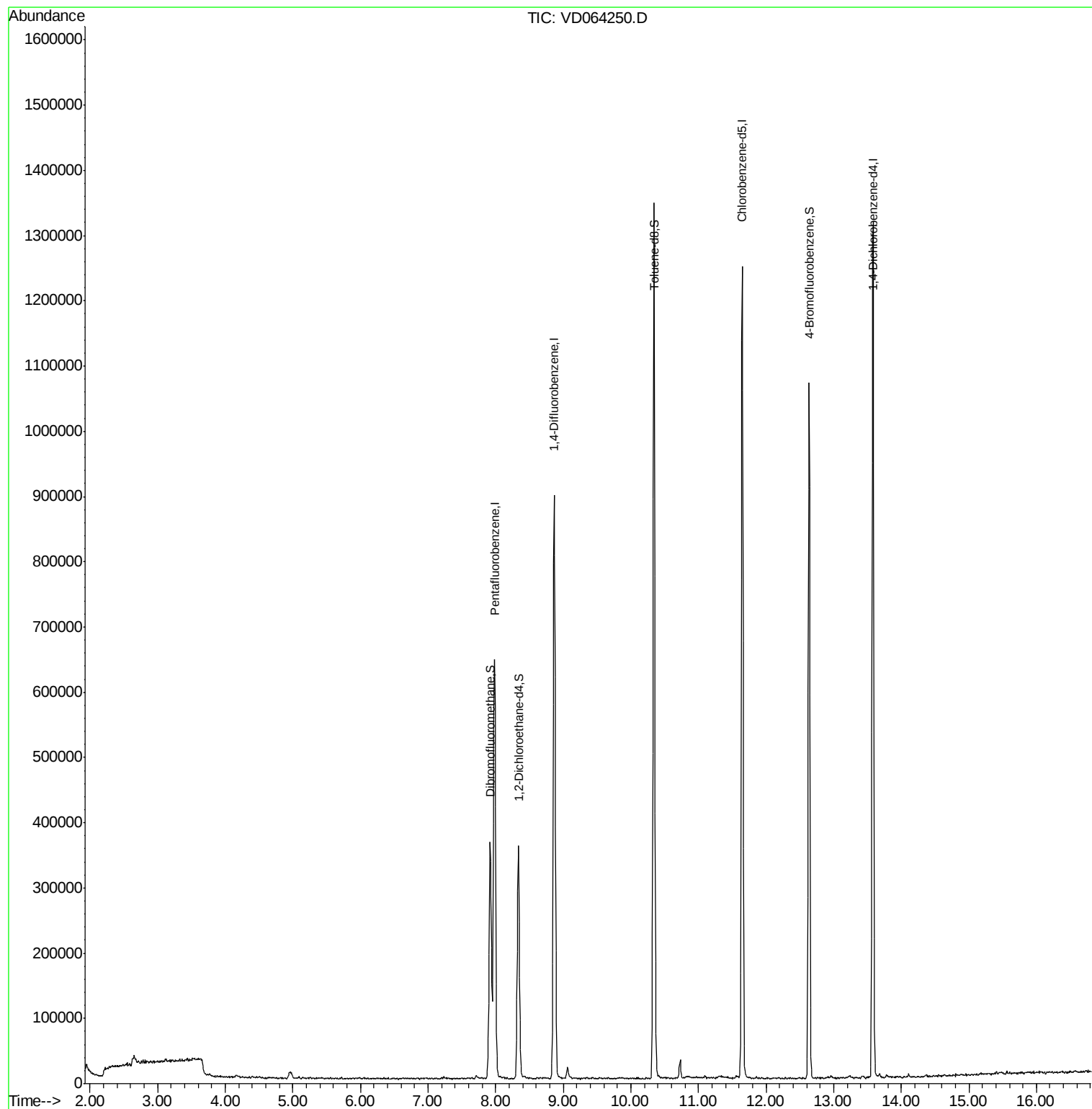
Target Compounds	Qvalue

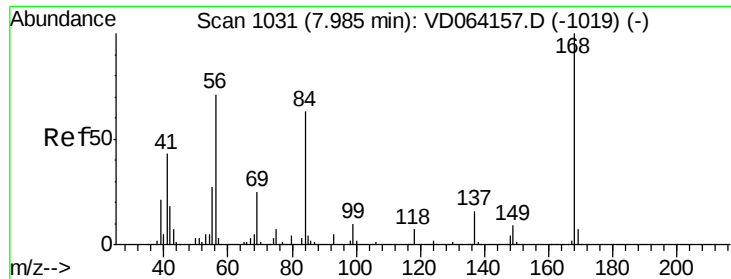
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

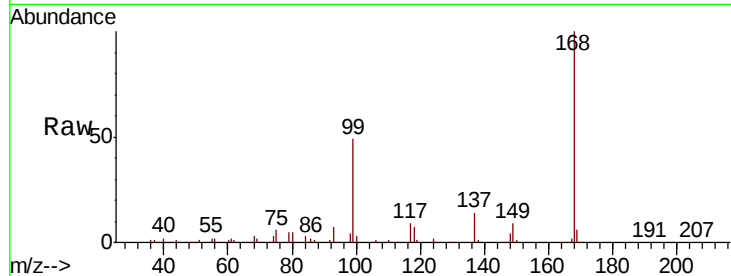
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SE-03

Tot Ion:168 Resp: 533634

Ion Ratio Lower Upper

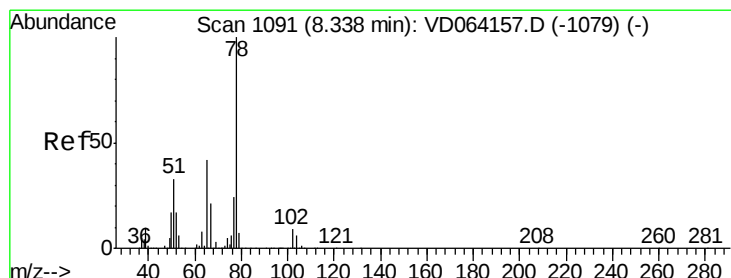
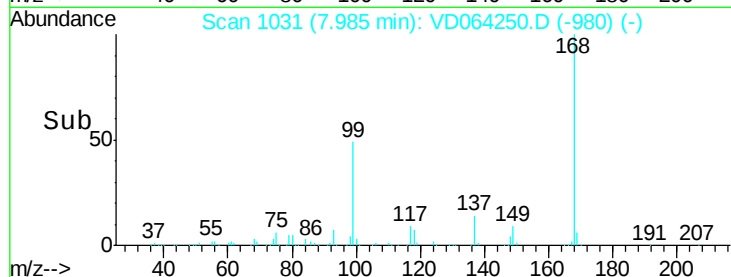
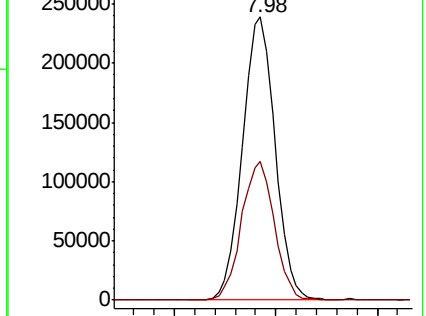
168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 65.113 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064250.D

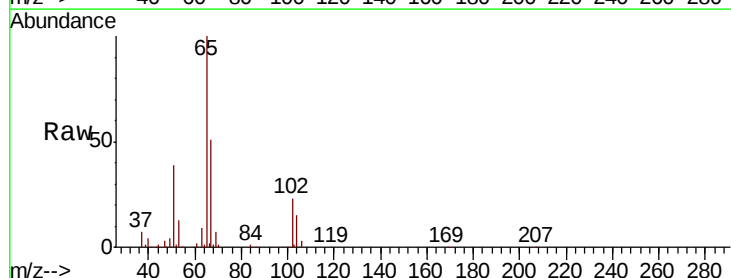
Acq: 16 Nov 2019 03:56

Tgt Ion: 65 Resp: 285768

Ion Ratio Lower Upper

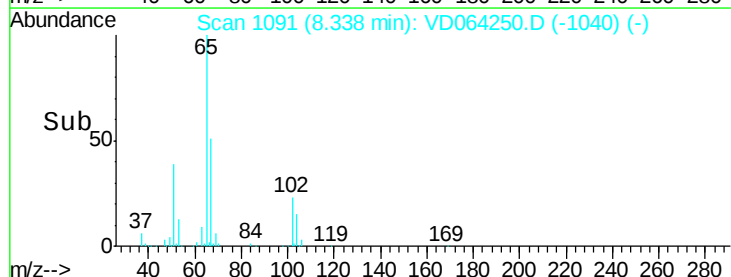
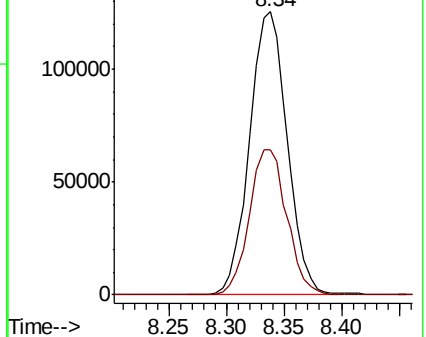
65 100

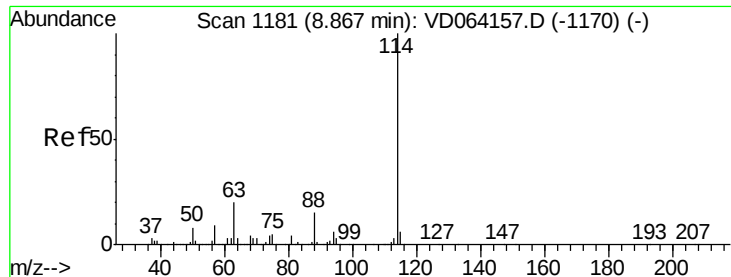
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

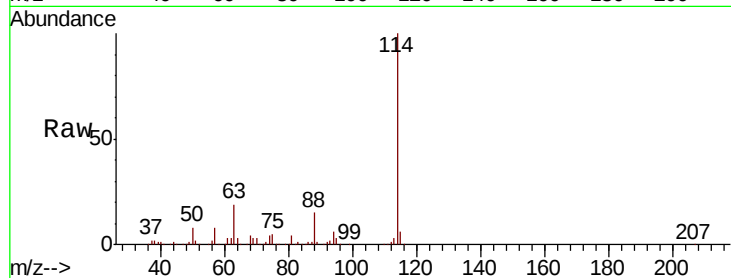




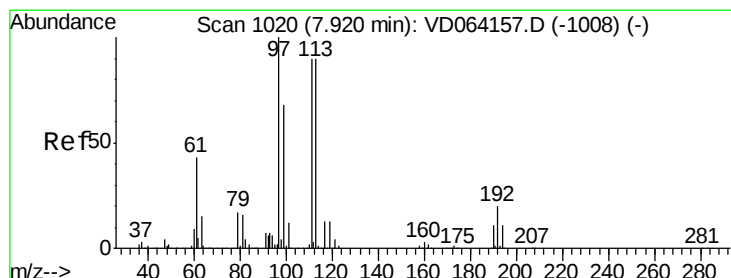
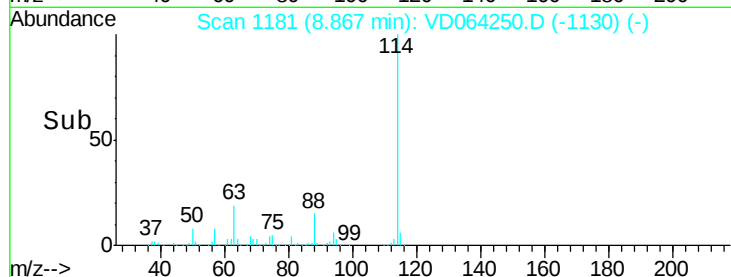
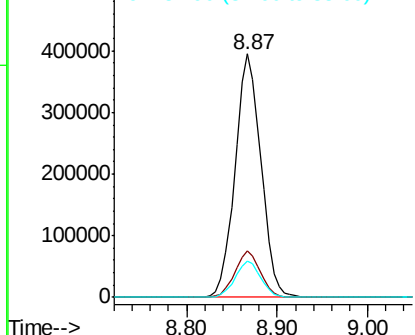
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064250.D
 Acq: 16 Nov 2019 03:56

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.0
88	14.7	0.0	30.2

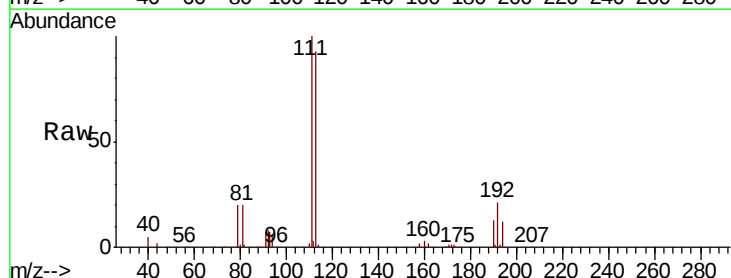


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

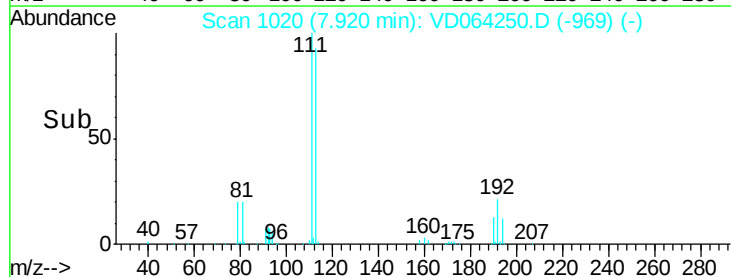
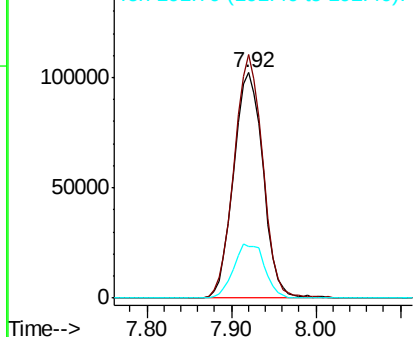


#35
 Dibromofluoromethane
 Concen: 54.915 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064250.D
 Acq: 16 Nov 2019 03:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.5	122.3
192	25.1	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: 54.412 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

Instrument :

MSVOA_D

ClientSampleId :

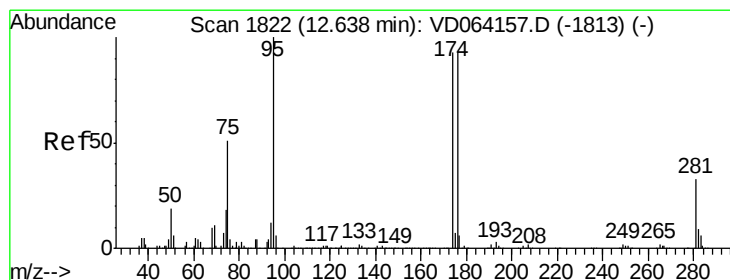
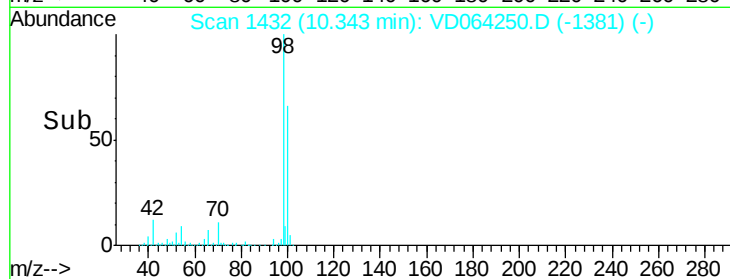
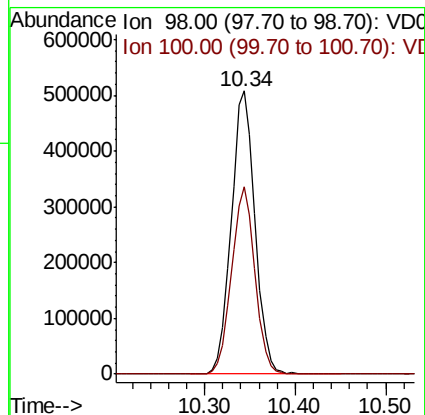
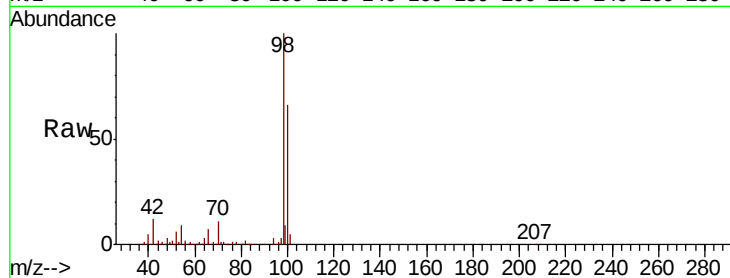
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Tot Ion: 98 Resp: 925041

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 54.255 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064250.D

Acq: 16 Nov 2019 03:56

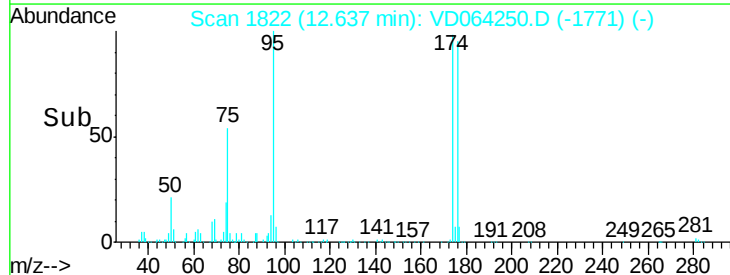
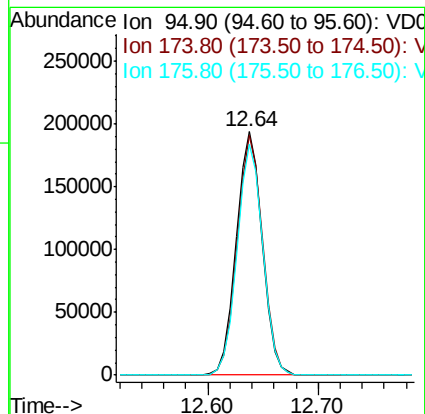
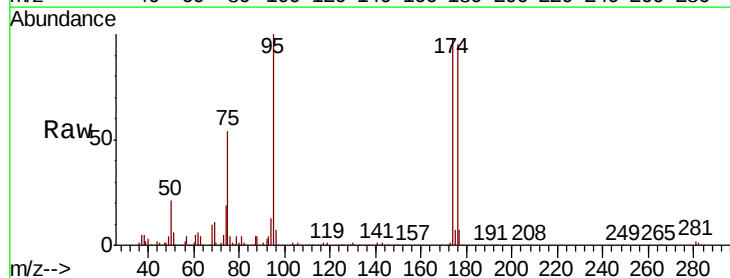
Tgt Ion: 95 Resp: 319426

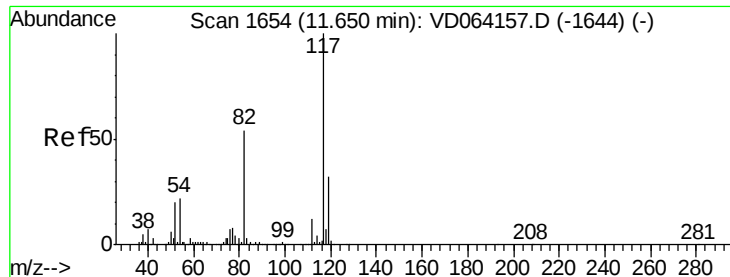
Ion Ratio Lower Upper

95 100

174 97.1 0.0 183.6

176 93.8 0.0 180.2

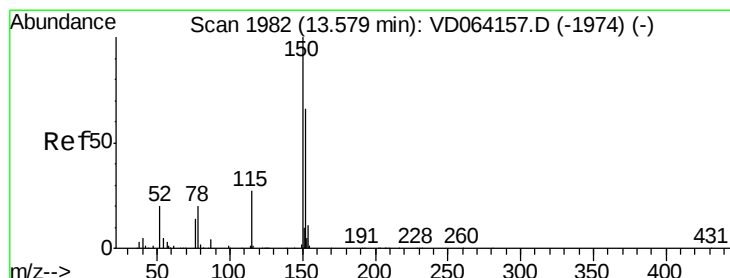
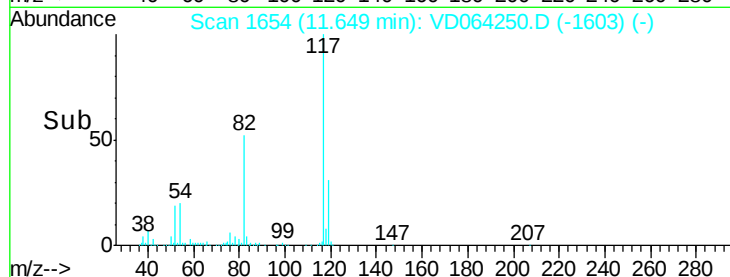
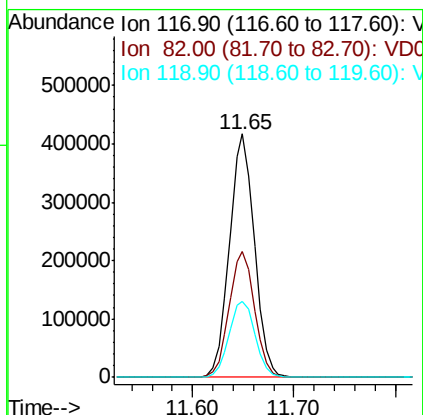
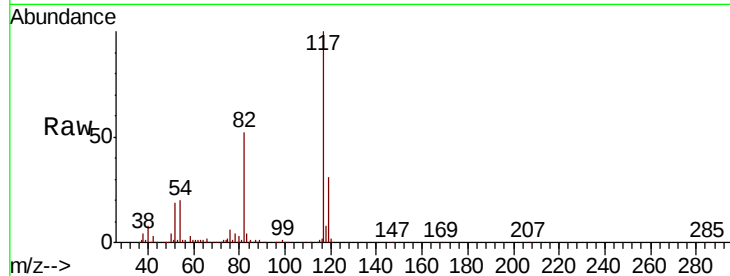




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064250.D
Acq: 16 Nov 2019 03:56

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.8	64.2
119	31.4	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: VD064250.D
Acq: 16 Nov 2019 03:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.4	82.2
150	153.0	0.0	351.6

