

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064249.D
 Acq On : 16 Nov 2019 03:27
 Operator : VA/SY
 Sample : K5840-12
 Misc : 5.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-SE-02

Quant Time: Nov 18 02:38:35 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	393994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	587661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	225805	69.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.36%	
35) Dibromofluoromethane	7.92	113	186434	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
50) Toluene-d8	10.34	98	681179	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	241094	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

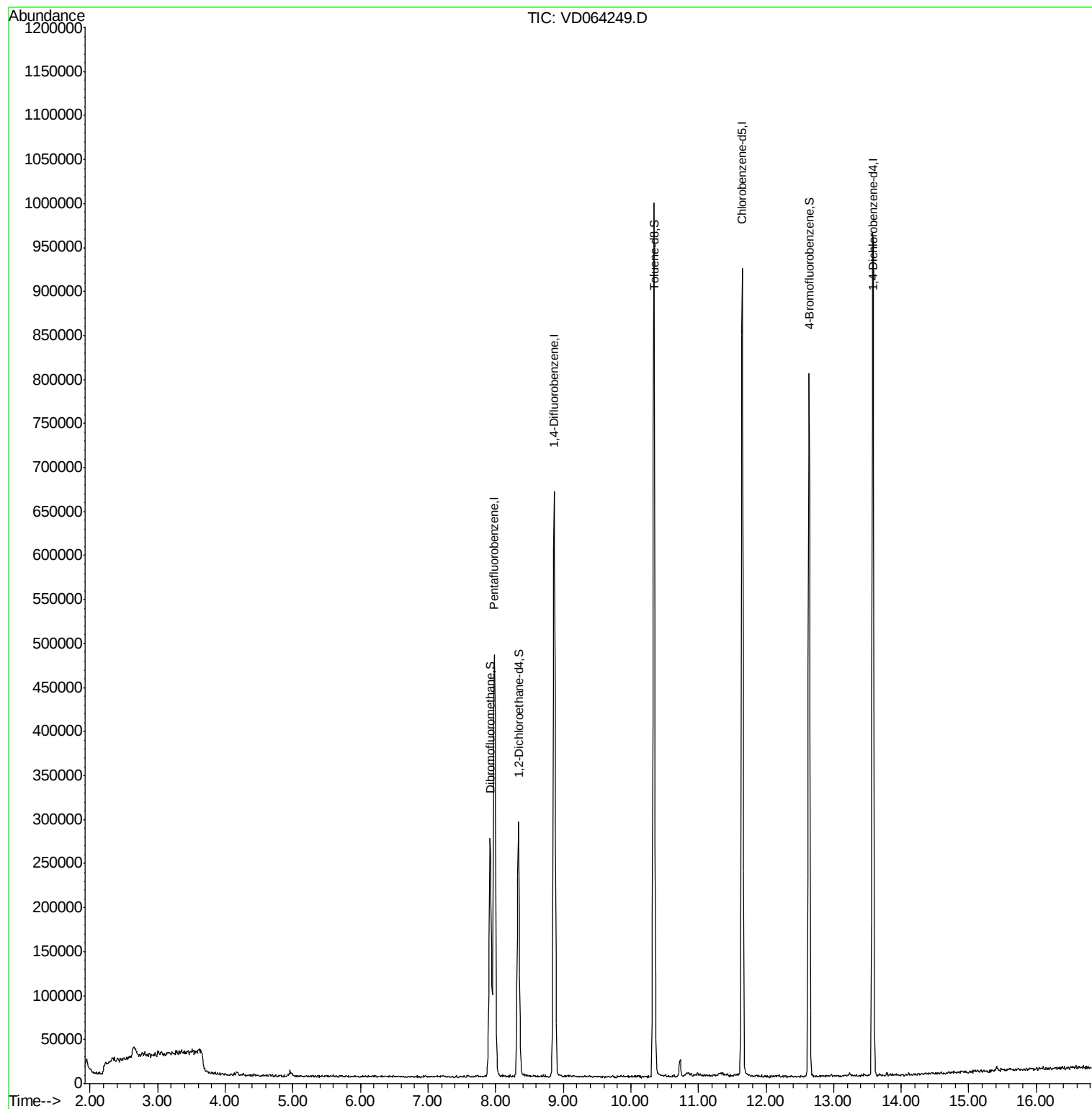
Target Compounds	Qvalue

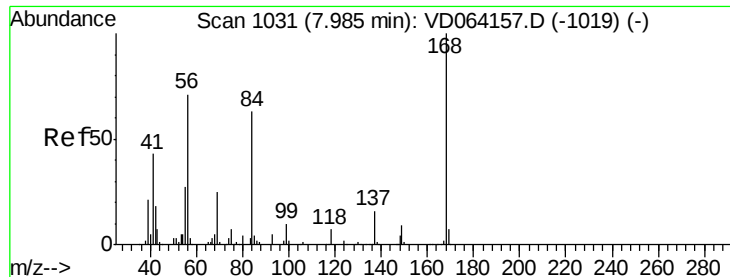
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

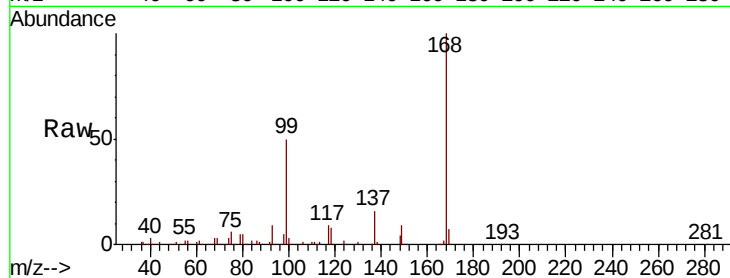
PHIPPS-BH-SE-02

Tot Ion:168 Resp: 393994

Ion Ratio Lower Upper

168 100

99 49.6 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

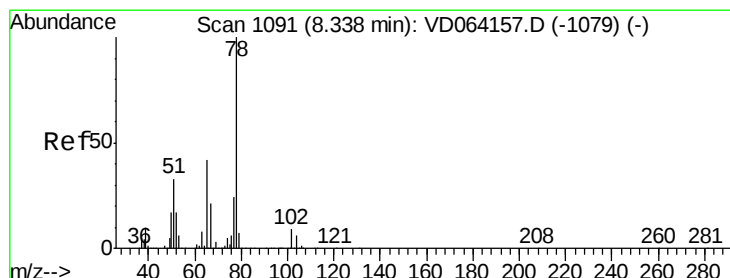
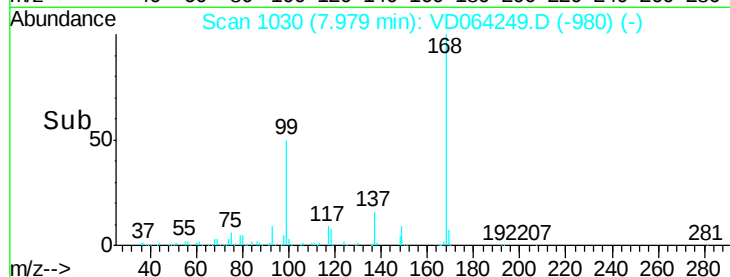
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.685 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064249.D

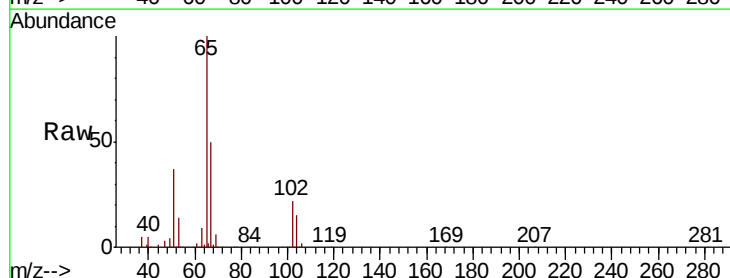
Acq: 16 Nov 2019 03:27

Tgt Ion: 65 Resp: 225805

Ion Ratio Lower Upper

65 100

67 51.9 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

120000

100000

80000

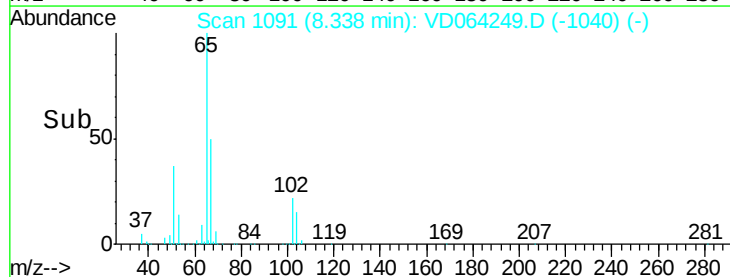
60000

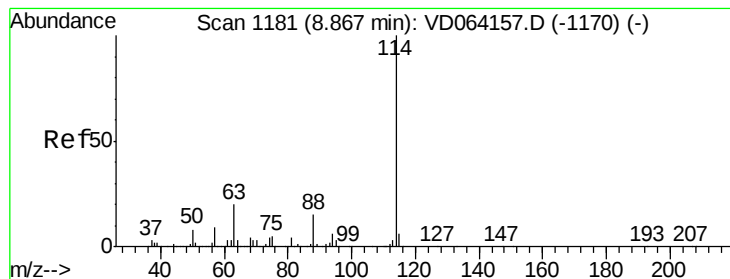
40000

20000

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: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-SE-02

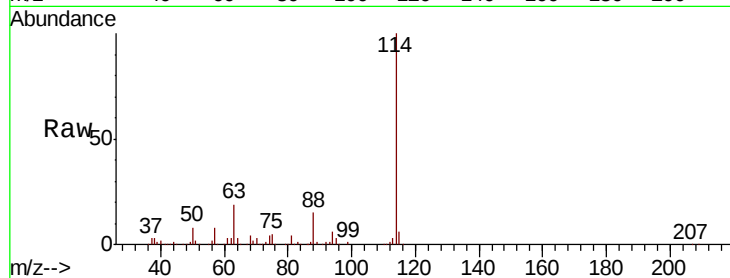
Tot Ion:114 Resp: 587661

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

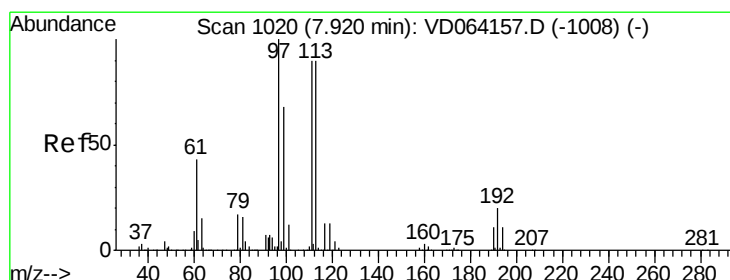
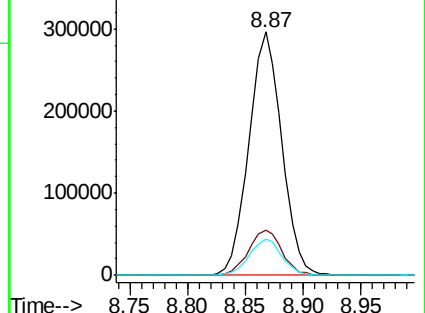
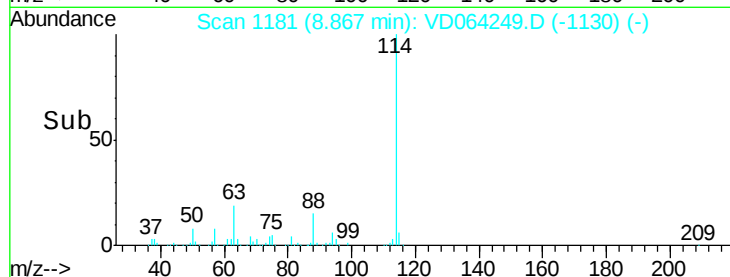
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 55.268 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

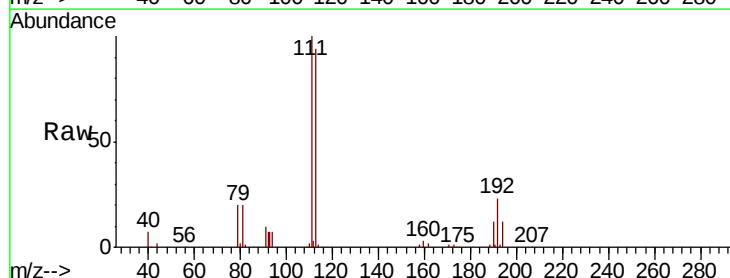
Tgt Ion:113 Resp: 186434

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

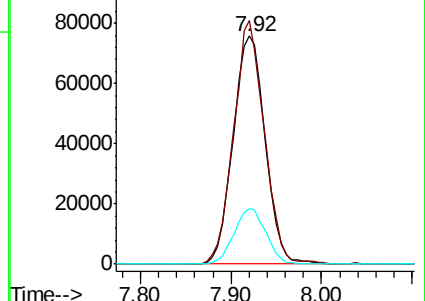
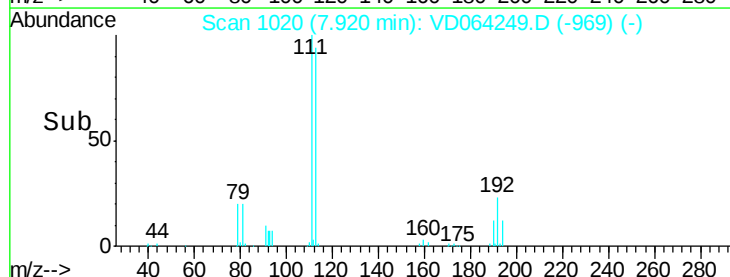
192 24.0 18.8 28.2

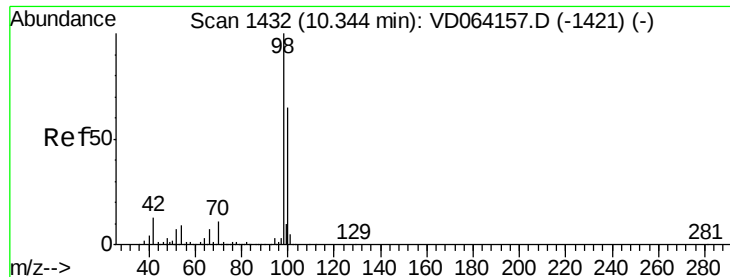


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.529 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

Instrument :

MSVOA_D

ClientSampleId :

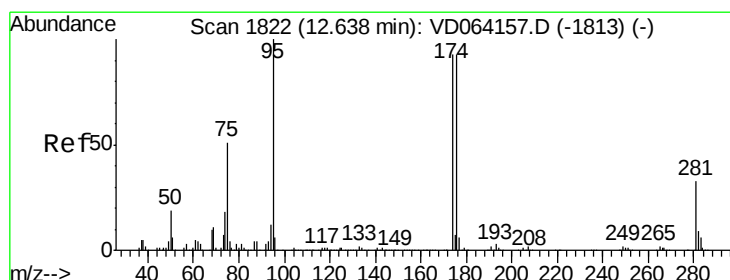
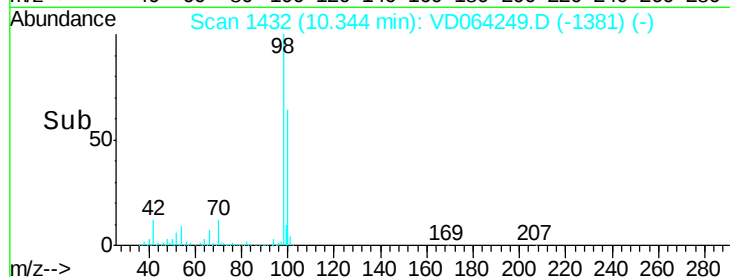
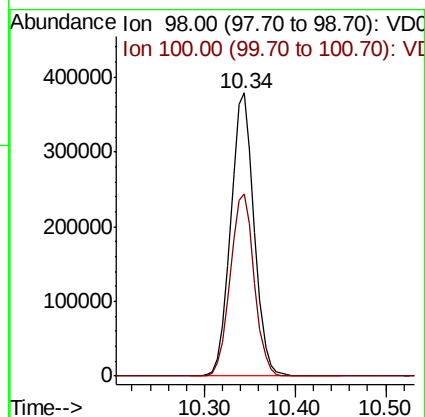
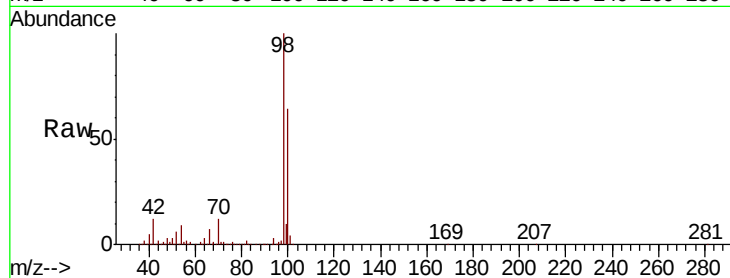
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Tot Ion: 98 Resp: 681179

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 54.708 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064249.D

Acq: 16 Nov 2019 03:27

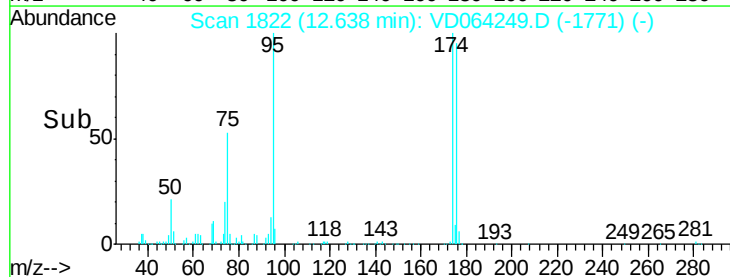
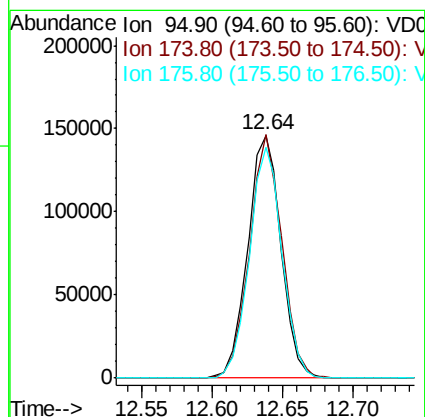
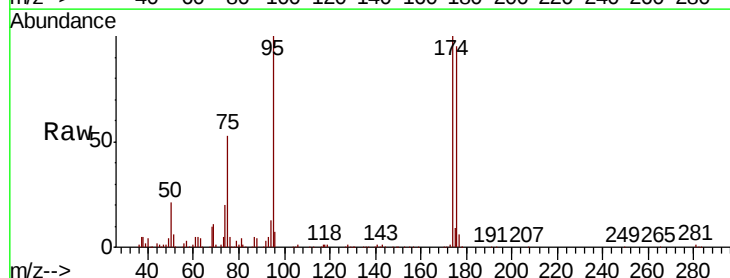
Tgt Ion: 95 Resp: 241094

Ion Ratio Lower Upper

95 100

174 97.4 0.0 183.6

176 93.2 0.0 180.2

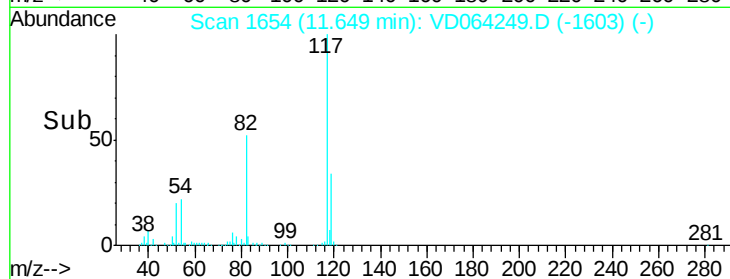
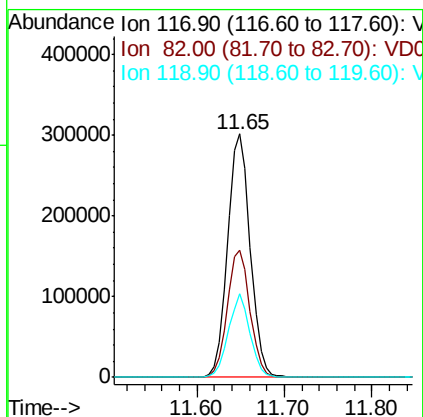
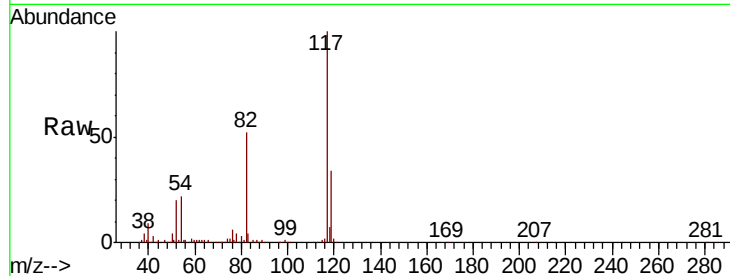




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SE-02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.8	64.2
119	34.2	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064249.D
Acq: 16 Nov 2019 03:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.4	82.2
150	154.3	0.0	351.6

