

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064234.D
 Acq On : 15 Nov 2019 18:28
 Operator : VA/SY
 Sample : K5839-04
 Misc : 4.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Nov 16 06:09:24 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	782451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1170758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1055395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	520743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	388696	60.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.80%	
35) Dibromofluoromethane	7.92	113	369549	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
50) Toluene-d8	10.34	98	1366832	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.64	95	461533	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

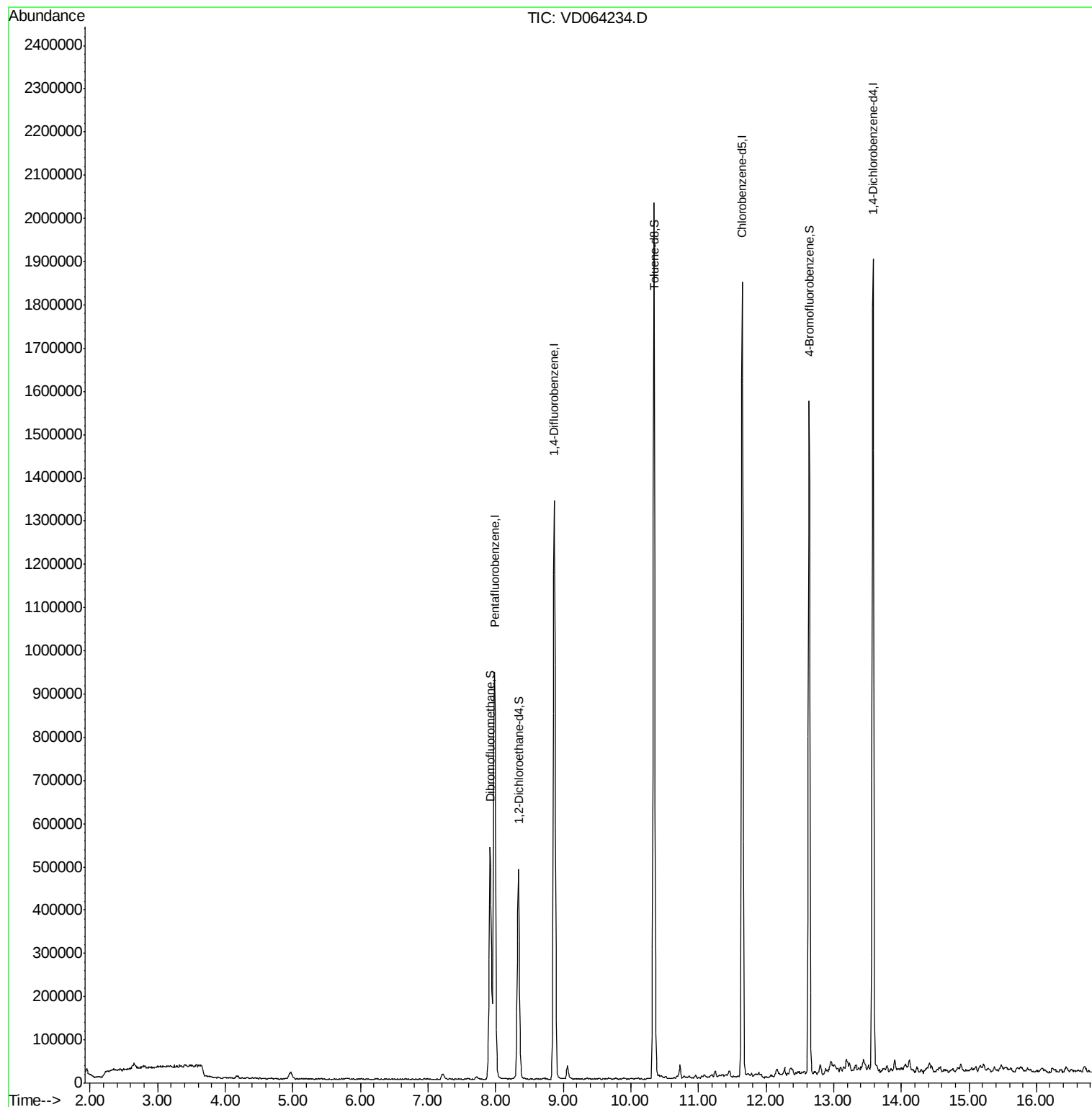
Target Compounds	Qvalue

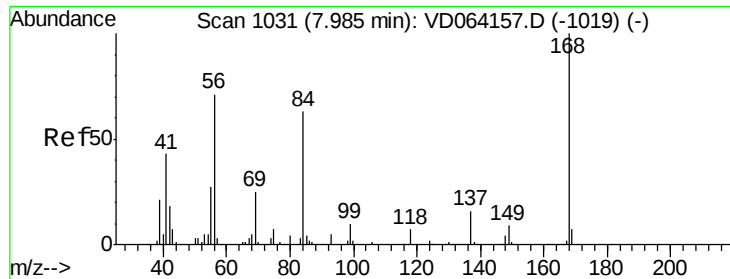
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064234.D

Acq: 15 Nov 2019 18:28

Instrument :

MSVOA_D

ClientSampleId :

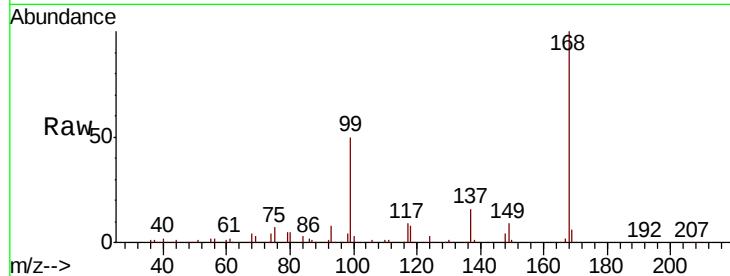
PHIPPS-BH-NW-02

Tot Ion:168 Resp: 782451

Ion Ratio Lower Upper

168 100

99 49.8 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

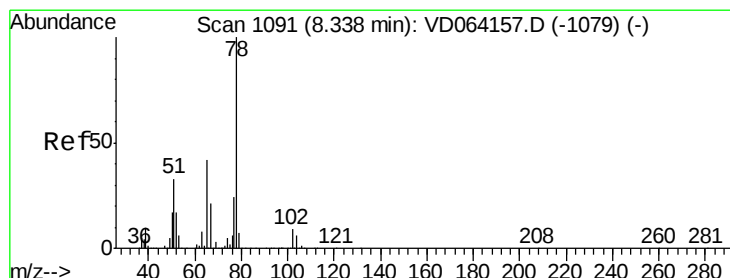
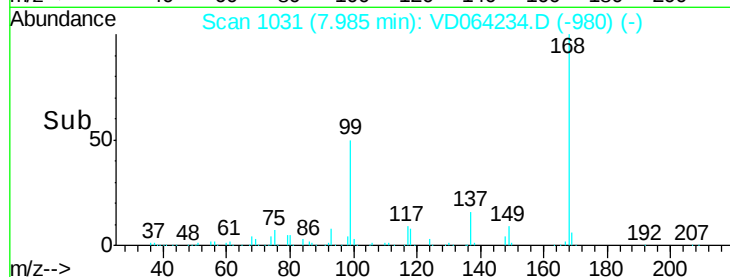
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.402 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064234.D

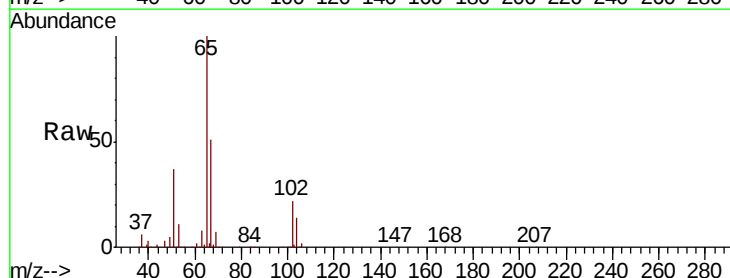
Acq: 15 Nov 2019 18:28

Tgt Ion: 65 Resp: 388696

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

200000

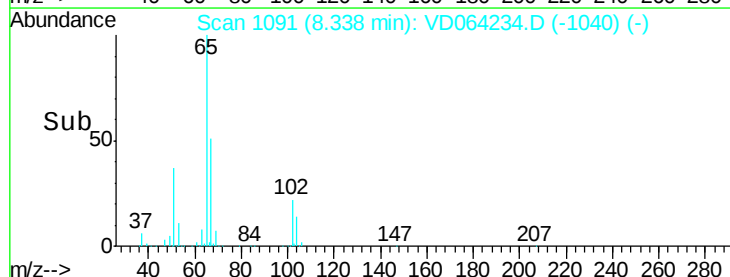
150000

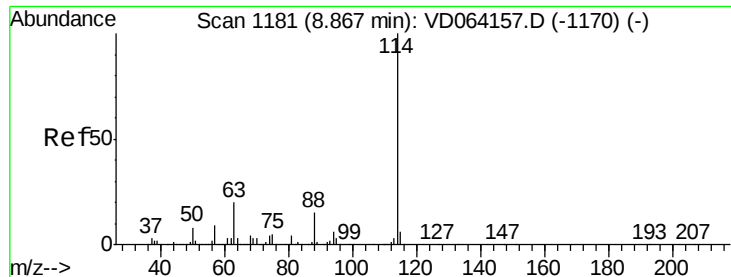
100000

50000

0

Time-->

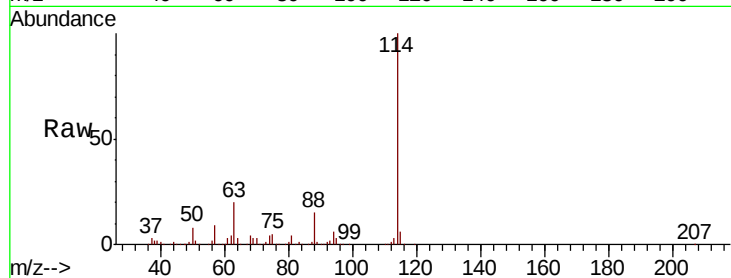




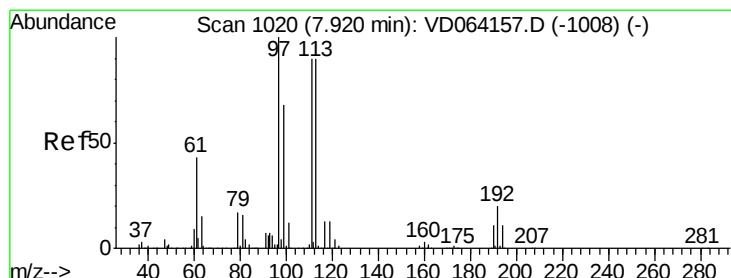
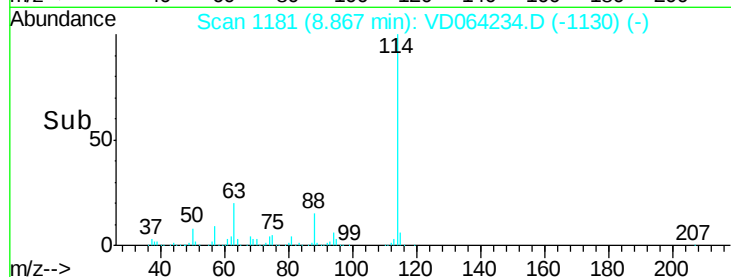
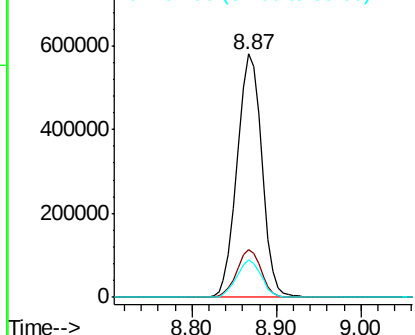
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064234.D
 Acq: 15 Nov 2019 18:28

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

Tot Ion:114 Resp: 1170758
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 30.2

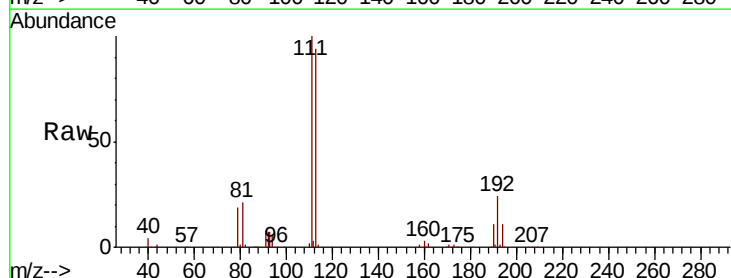


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

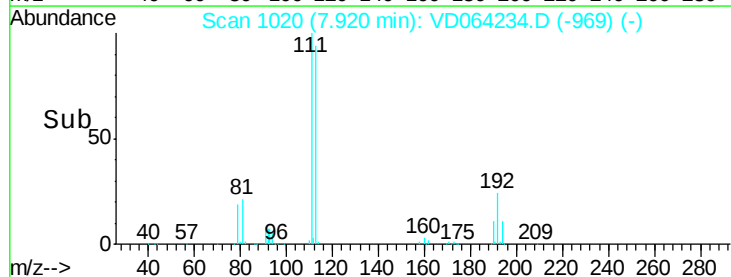
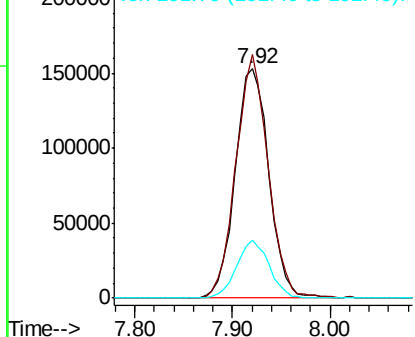


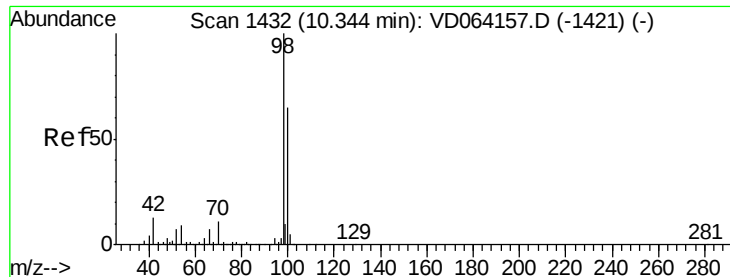
#35
 Dibromofluoromethane
 Concen: 54.990 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064234.D
 Acq: 15 Nov 2019 18:28

Tgt Ion:113 Resp: 369549
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 24.4 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

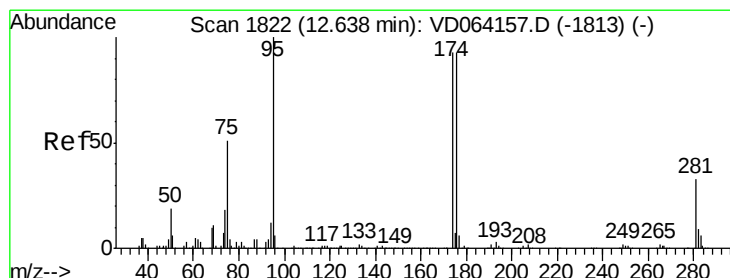
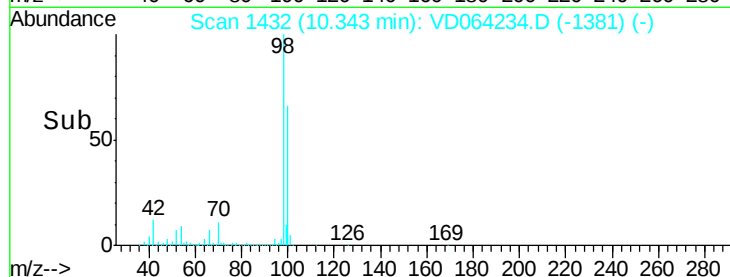
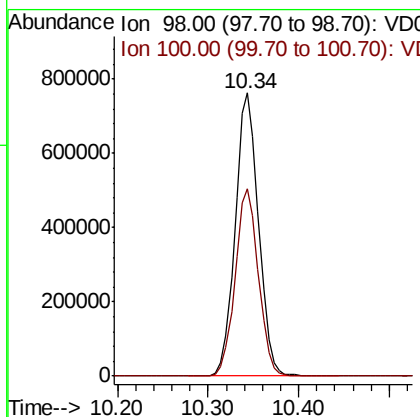
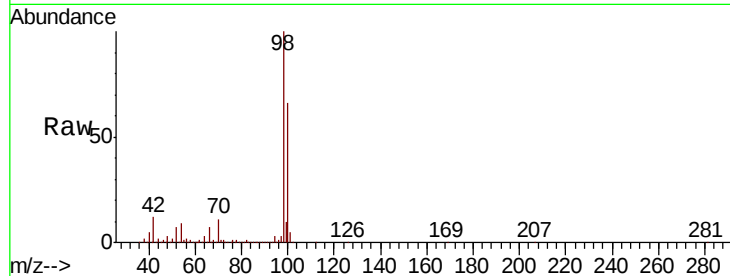




#50
Toluene-d8
Concen: 53.914 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064234.D
Acq: 15 Nov 2019 18:28

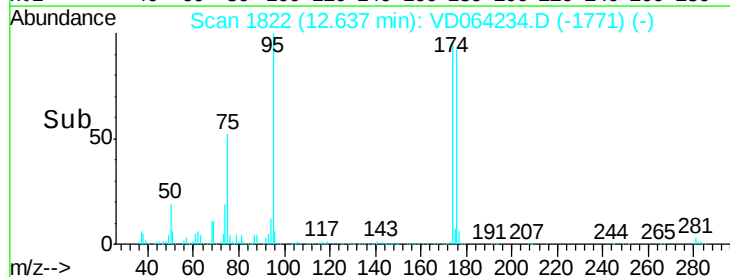
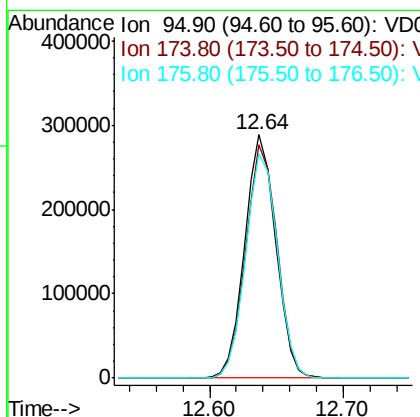
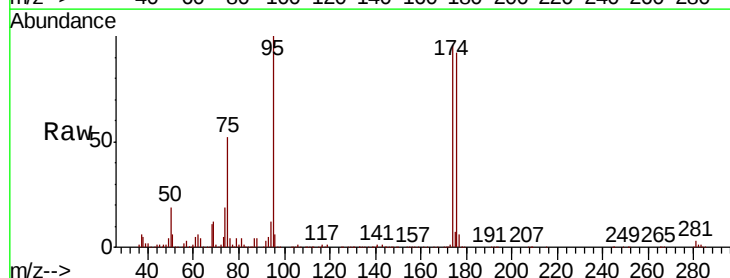
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-NW-02

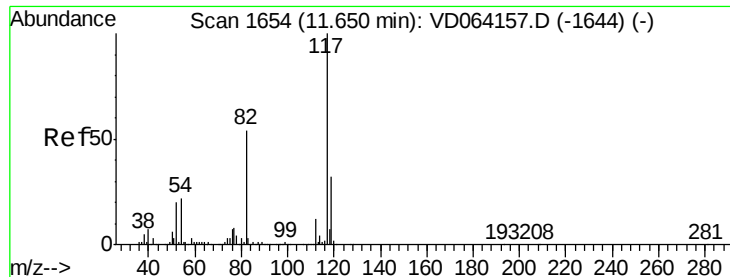
Tot Ion: 98 Resp: 1366832
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.569 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064234.D
Acq: 15 Nov 2019 18:28

Tgt Ion: 95 Resp: 461533
Ion Ratio Lower Upper
95 100
174 97.3 0.0 183.6
176 94.9 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: VD064234.D

Acq: 15 Nov 2019 18:28

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-NW-02

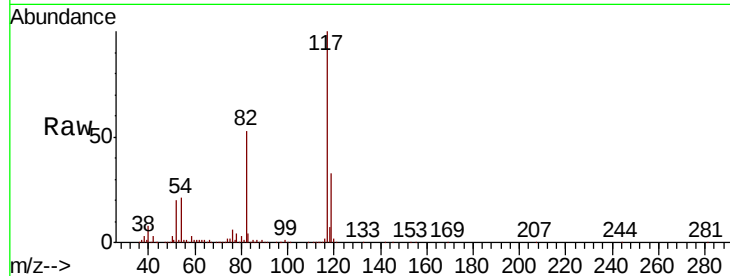
Tot Ion:117 Resp: 1055395

Ion Ratio Lower Upper

117 100

82 52.9 42.8 64.2

119 33.0 25.6 38.4

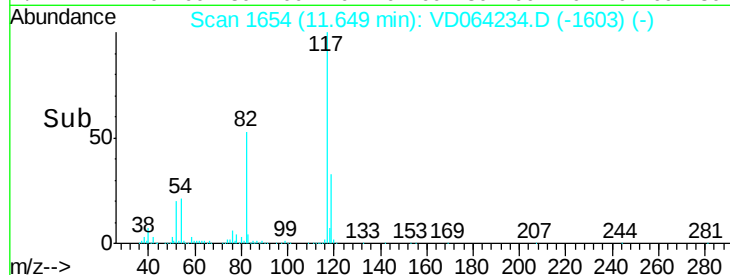


Abundance Ion 116.90 (116.60 to 117.60): V

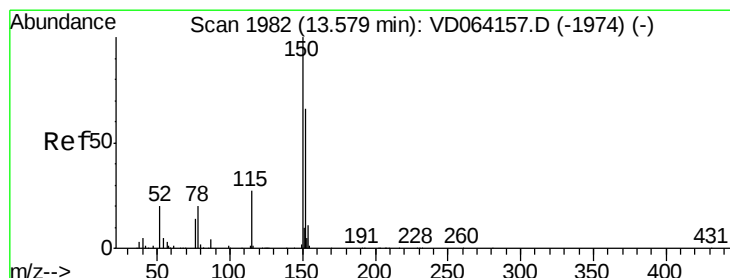
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064234.D

Acq: 15 Nov 2019 18:28

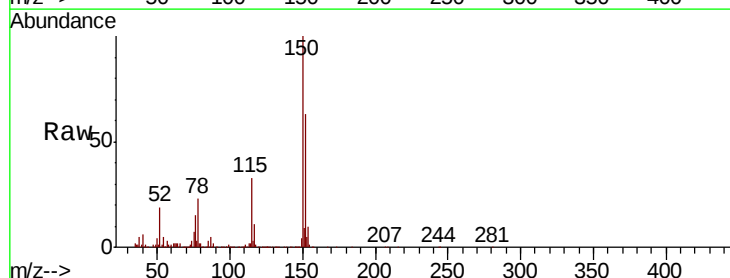
Tgt Ion:152 Resp: 520743

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

150 156.1 0.0 351.6

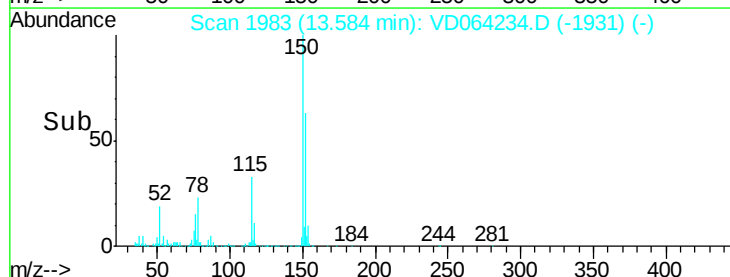


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->