

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111519\
 Data File : VD064248.D
 Acq On : 16 Nov 2019 02:59
 Operator : VA/SY
 Sample : K5840-10
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 26 16:08:02 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	199494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	294924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	270705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140882	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	118333	72.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.24%	
35) Dibromofluoromethane	7.92	113	96773	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	
50) Toluene-d8	10.34	98	347726	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
62) 4-Bromofluorobenzene	12.64	95	124804	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

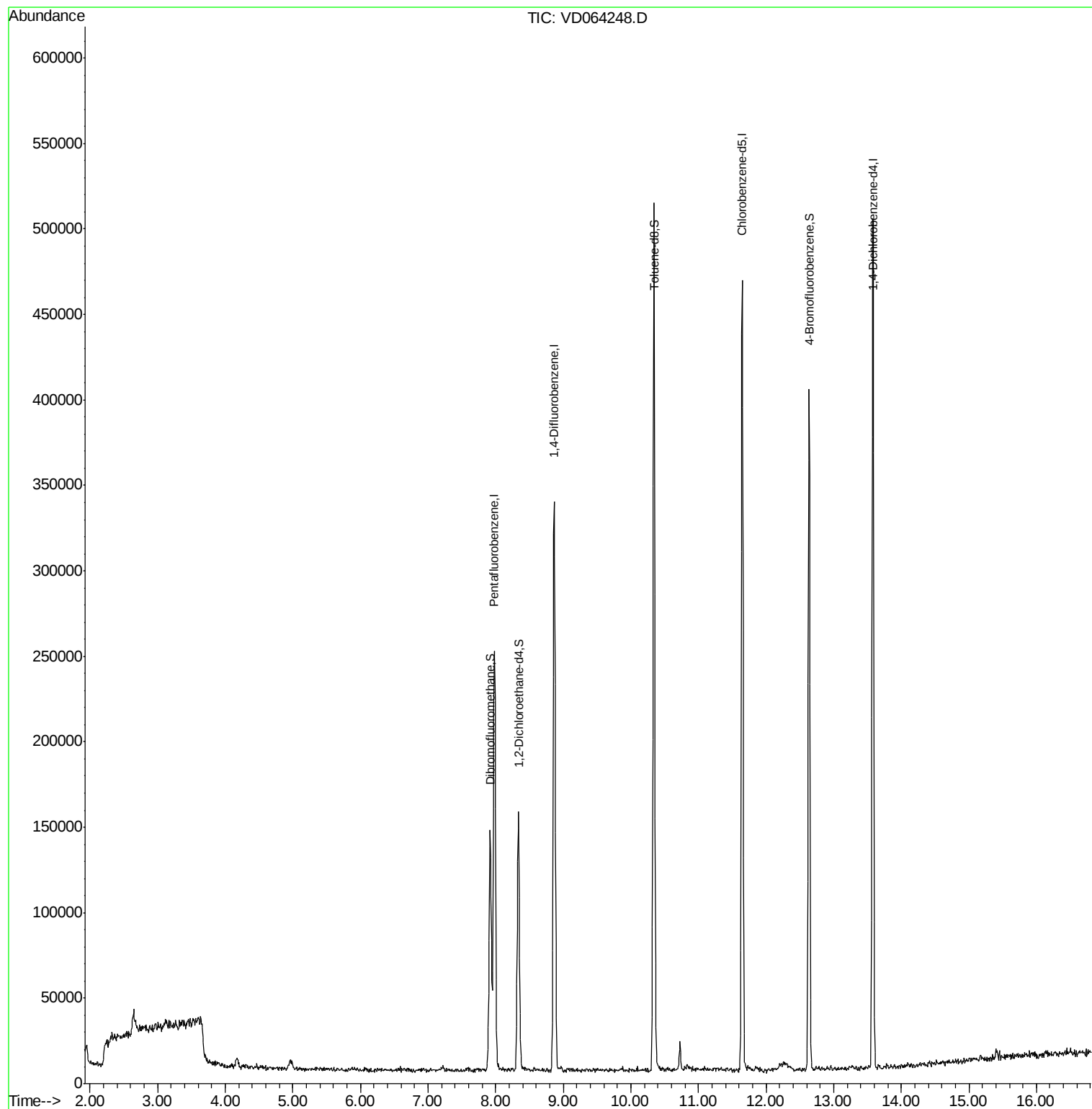
Target Compounds	Qvalue
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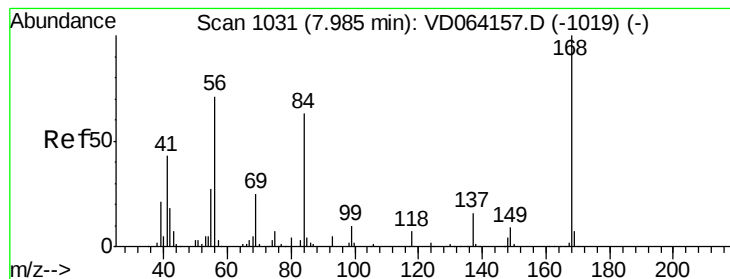
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064248.D

Acq: 16 Nov 2019 02:59

Instrument :

MSVOA_D

ClientSampleId :

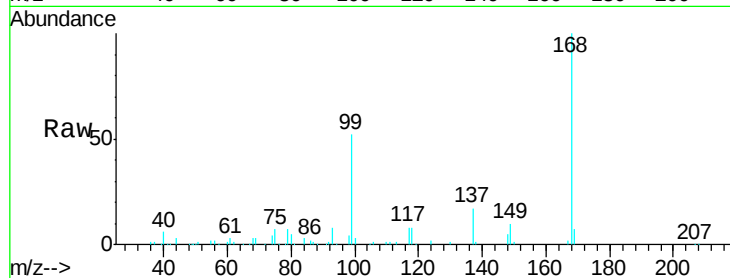
PHIPPS-BH-SE-01

Tgt Ion:168 Resp: 199494

Ion Ratio Lower Upper

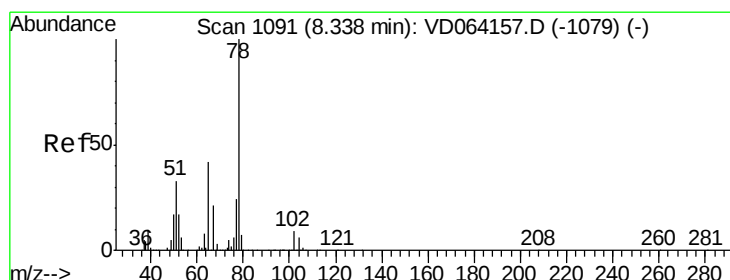
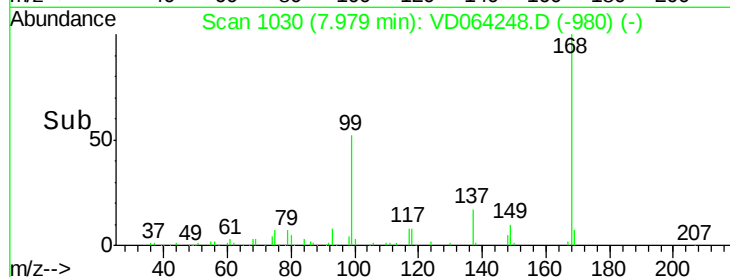
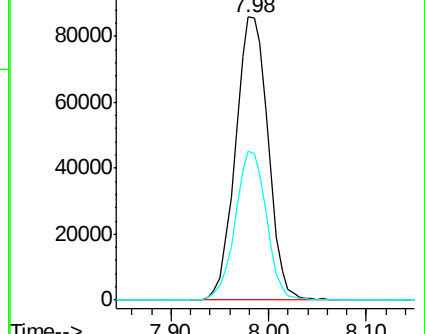
168 100

99 52.4 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: 72.123 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064248.D

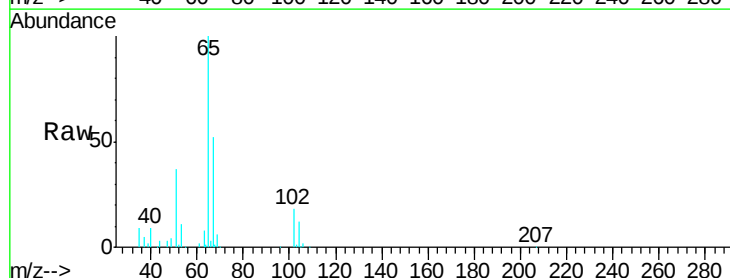
Acq: 16 Nov 2019 02:59

Tgt Ion: 65 Resp: 118333

Ion Ratio Lower Upper

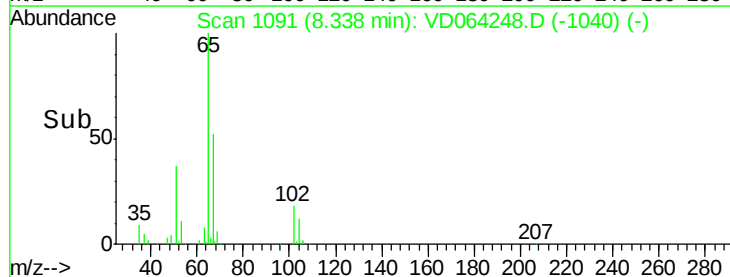
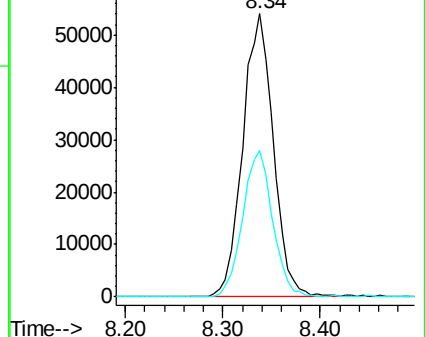
65 100

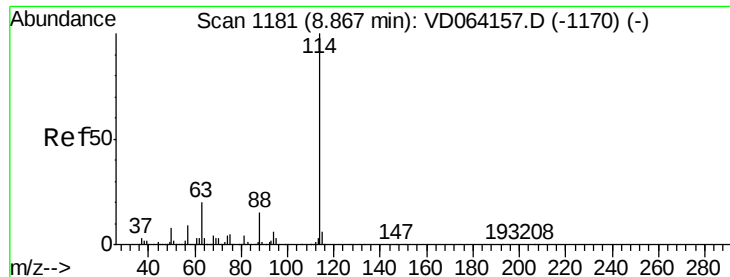
67 50.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

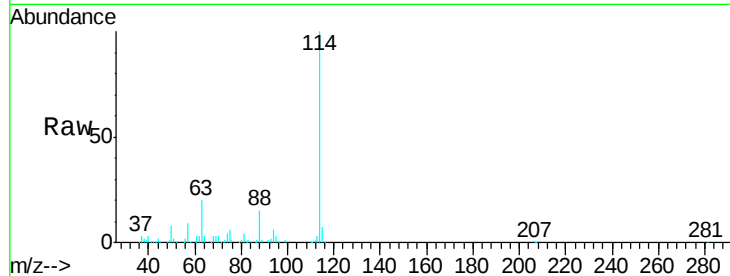




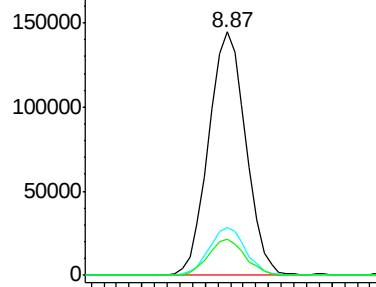
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064248.D
 Acq: 16 Nov 2019 02:59

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

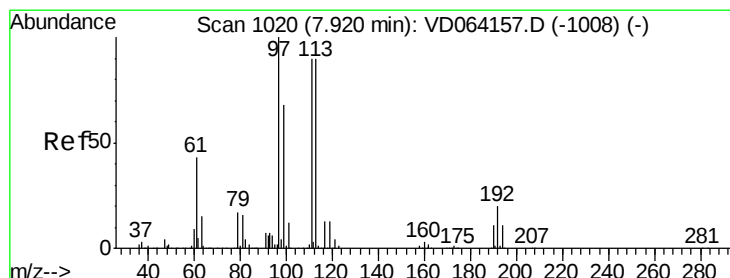
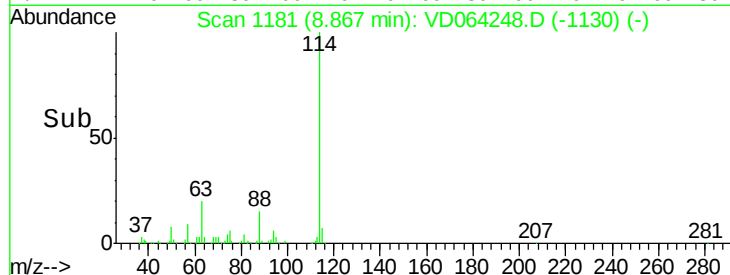
Tgt Ion:114 Resp: 294924
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 14.9 0.0 30.2



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

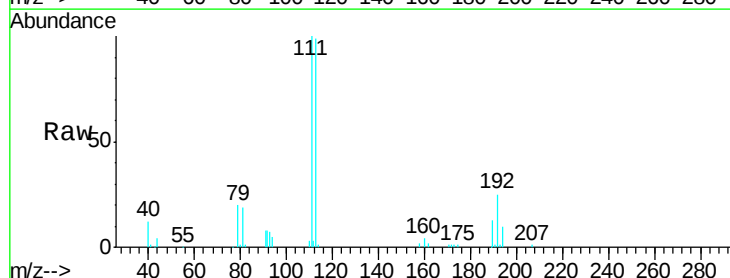


Time-->

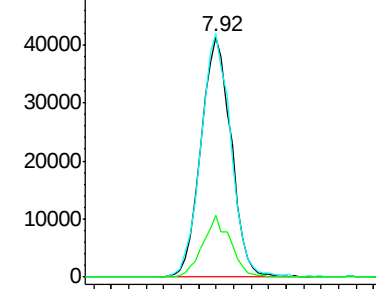


#35
 Dibromofluoromethane
 Concen: 57.164 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064248.D
 Acq: 16 Nov 2019 02:59

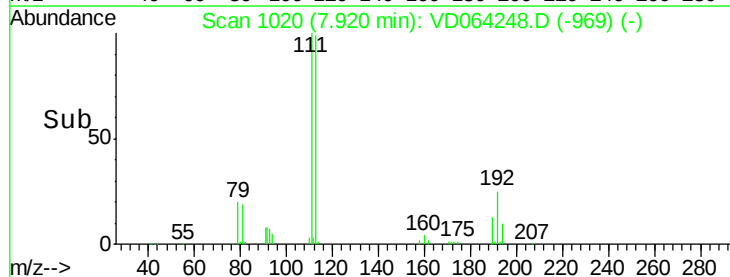
Tgt Ion:113 Resp: 96773
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.5 122.3
 192 23.4 18.8 28.2

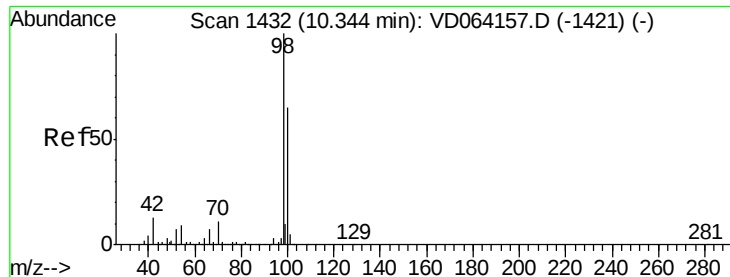


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 54.448 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064248.D

Acq: 16 Nov 2019 02:59

Instrument :

MSVOA_D

ClientSampleId :

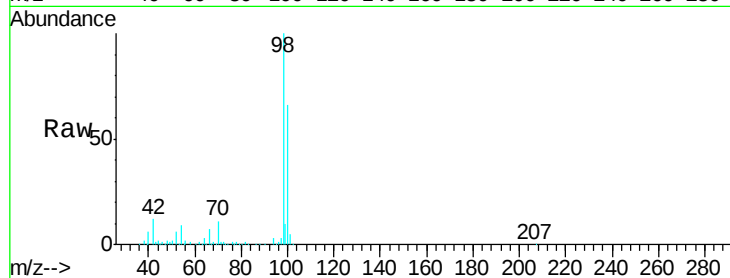
PHIPPS-BH-SE-01

Tgt Ion: 98 Resp: 347726

Ion Ratio Lower Upper

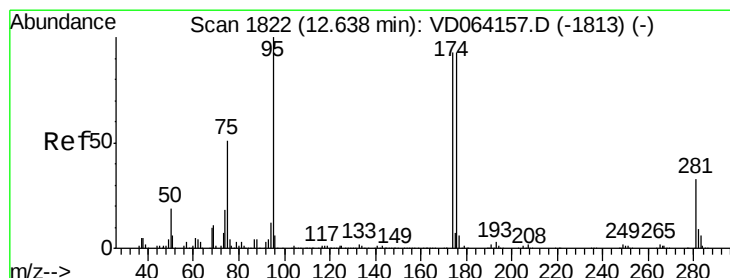
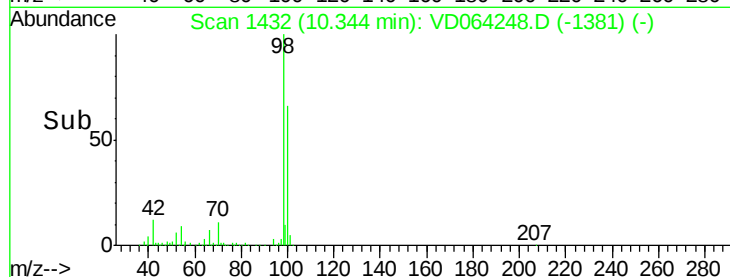
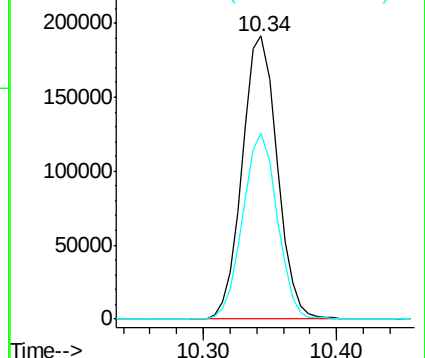
98 100

100 64.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 56.430 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064248.D

Acq: 16 Nov 2019 02:59

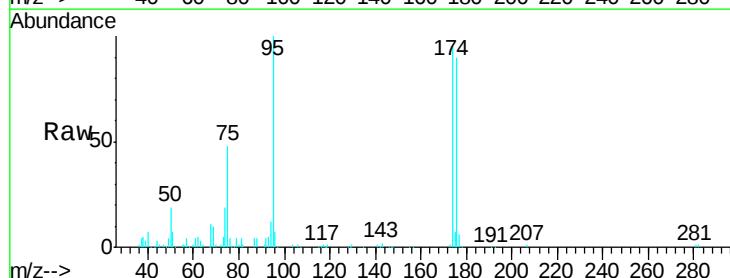
Tgt Ion: 95 Resp: 124804

Ion Ratio Lower Upper

95 100

174 97.6 0.0 183.6

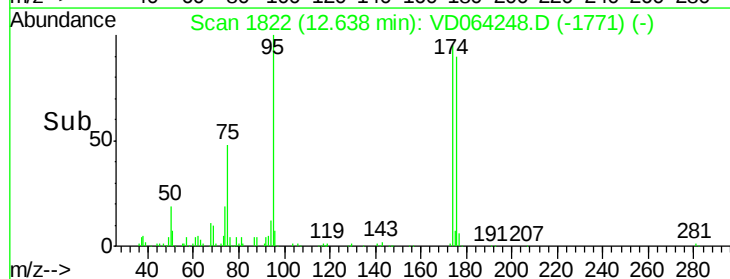
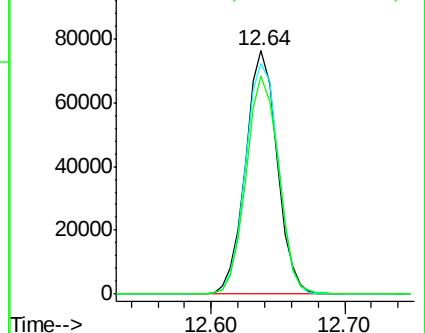
176 92.0 0.0 180.2

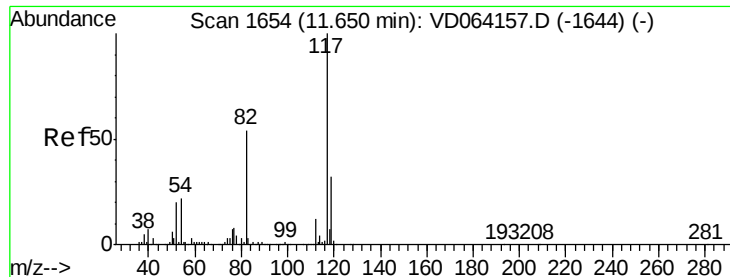


Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

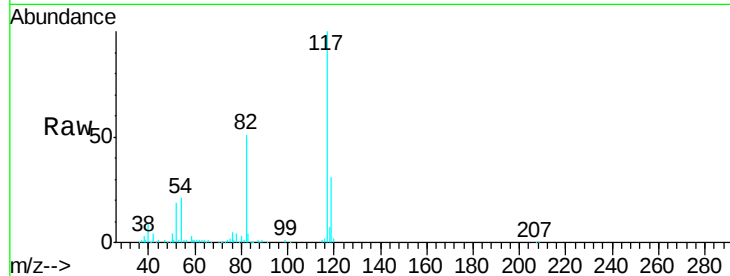




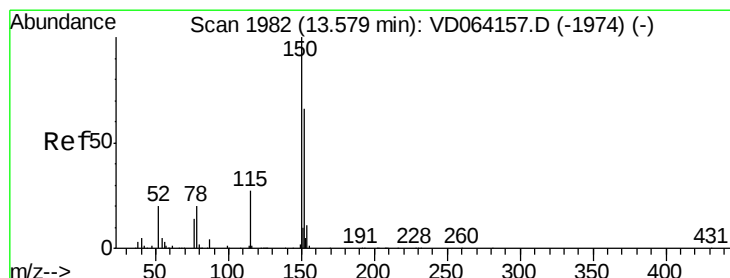
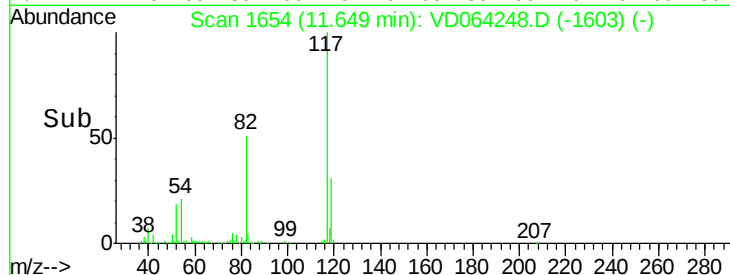
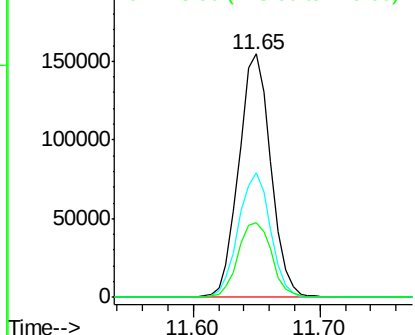
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064248.D
Acq: 16 Nov 2019 02:59

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 270705
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 30.8 25.6 38.4

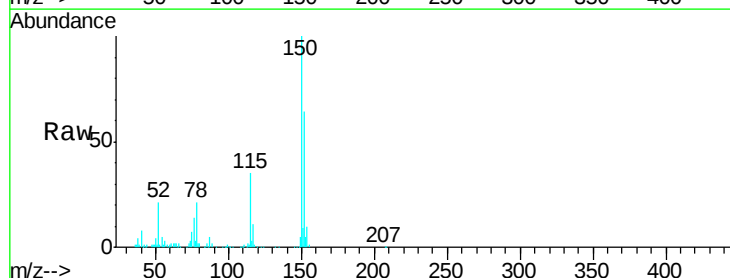


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064248.D
Acq: 16 Nov 2019 02:59

Tgt Ion:152 Resp: 140882
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 156.0 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

