

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064357.D
 Acq On : 25 Nov 2019 13:37
 Operator : VA/SY
 Sample : K5663-01
 Misc : 3.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-112219

Quant Time: Nov 26 06:02:46 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	840095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1219308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1079653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	515292	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	355143	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.92	113	367899	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.34	98	1423894	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.64	95	461434	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

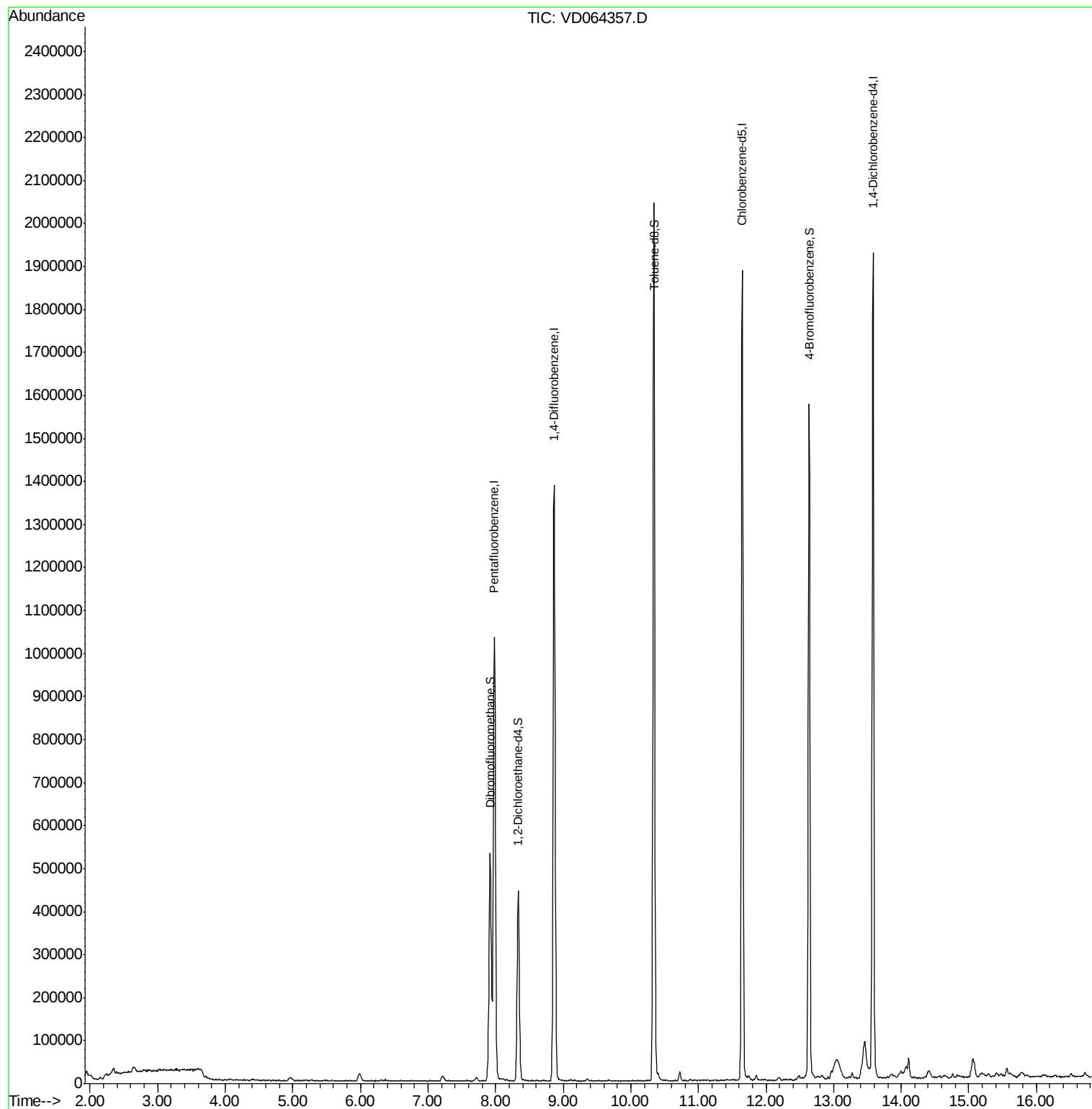
Target Compounds	Qvalue
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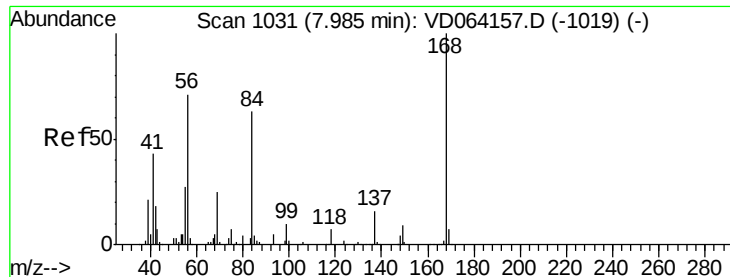
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

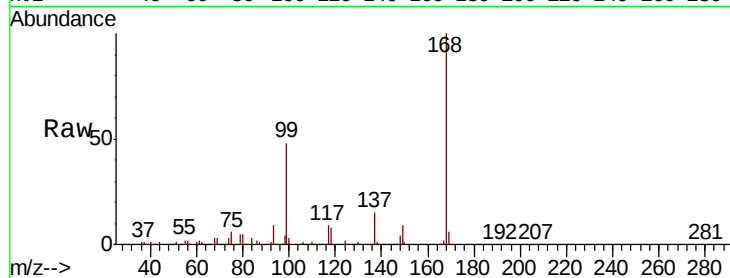
AU-06-112219

Tot Ion:168 Resp: 840095

Ion Ratio Lower Upper

168 100

99 48.0 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

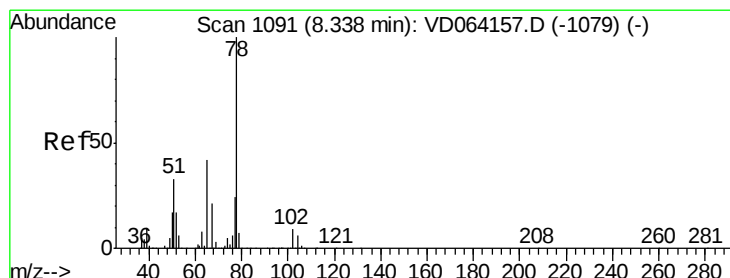
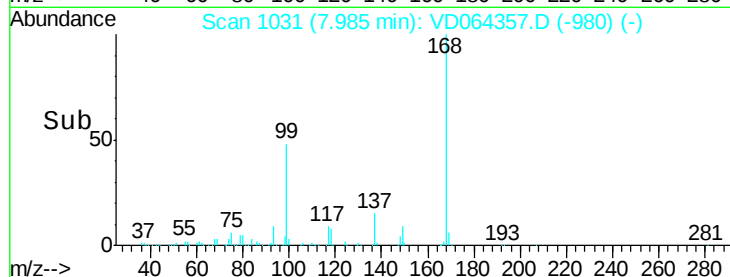
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.401 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064357.D

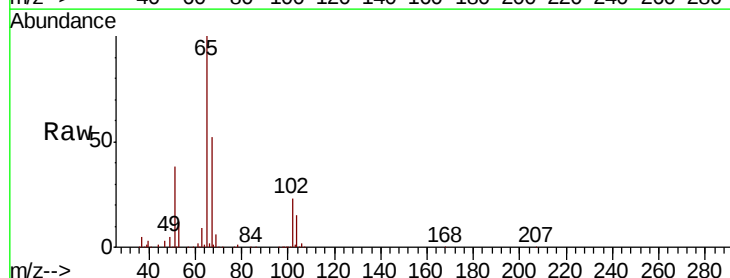
Acq: 25 Nov 2019 13:37

Tgt Ion: 65 Resp: 355143

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

8.34

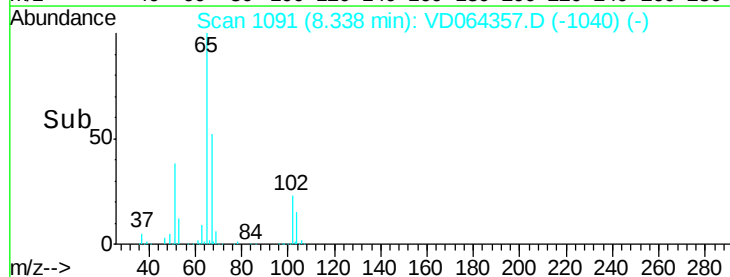
150000

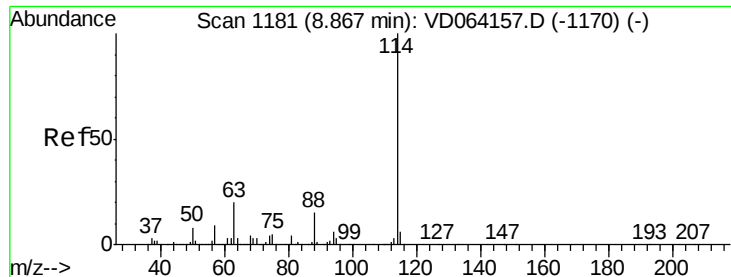
100000

50000

0

Time-->

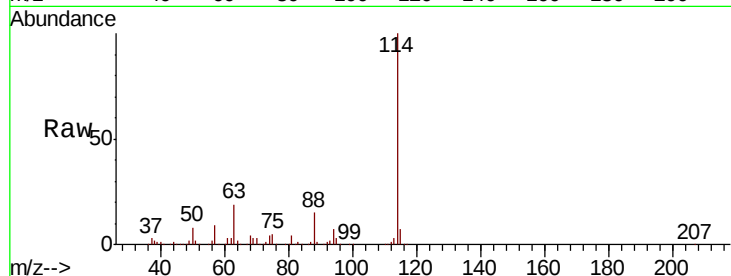




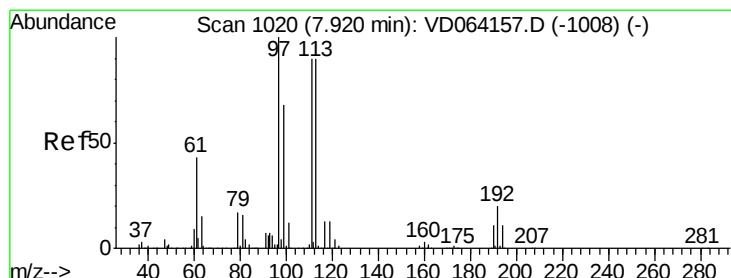
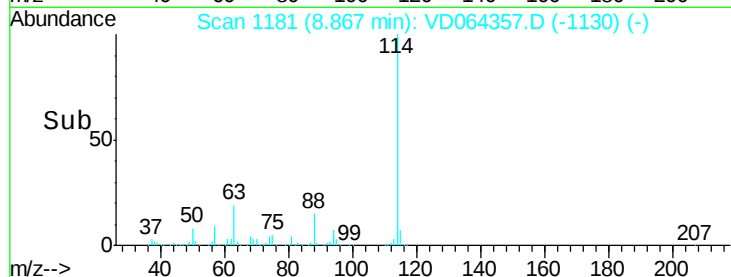
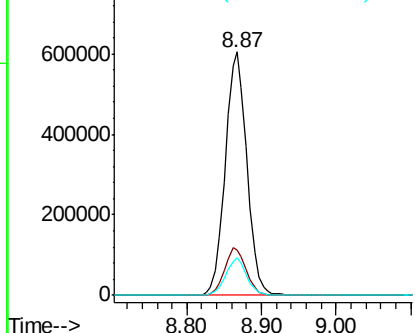
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
AU-06-112219

Tot Ion:114 Resp: 1219308
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.4 0.0 30.2

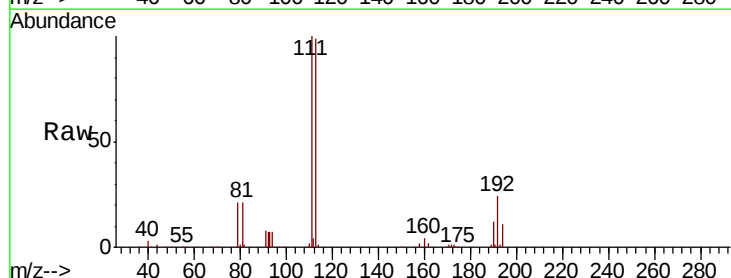


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

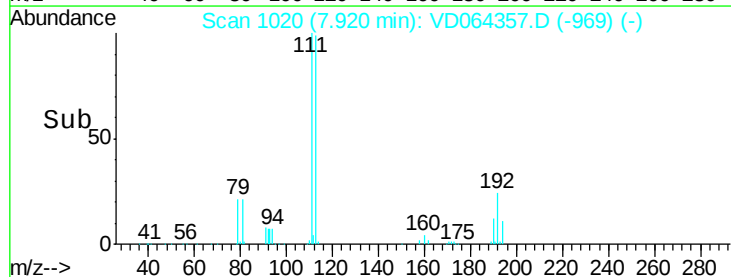
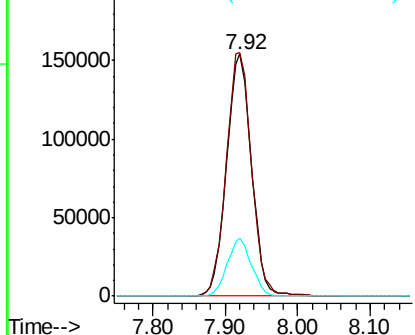


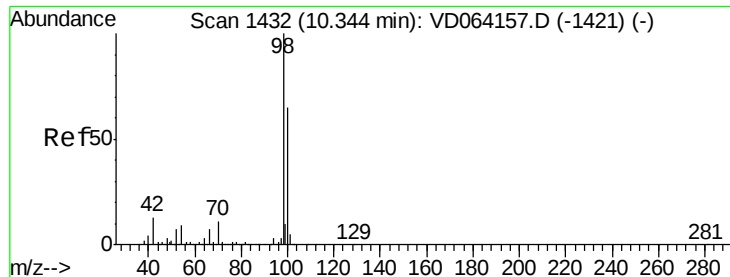
#35
Dibromofluoromethane
Concen: 52.564 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion:113 Resp: 367899
Ion Ratio Lower Upper
113 100
111 101.4 81.5 122.3
192 23.2 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

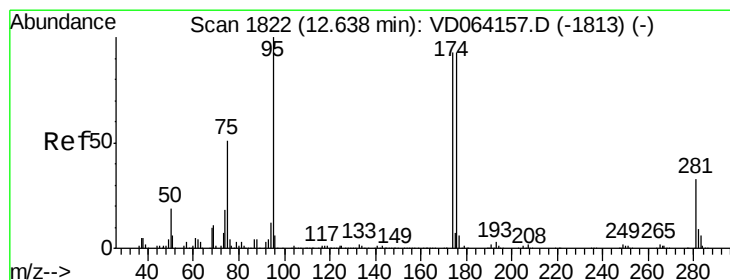
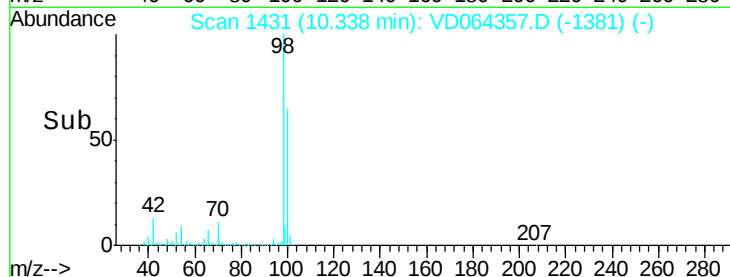
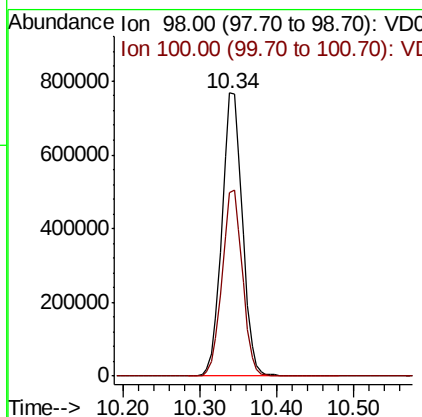
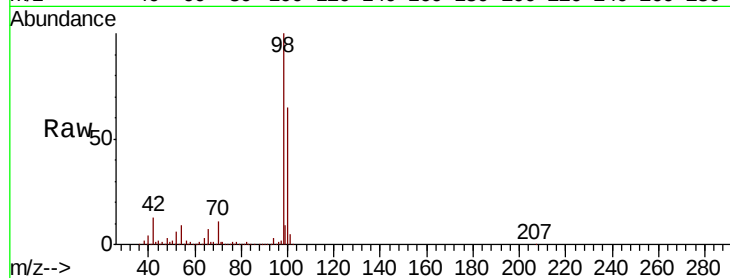




#50
Toluene-d8
Concen: 53.929 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

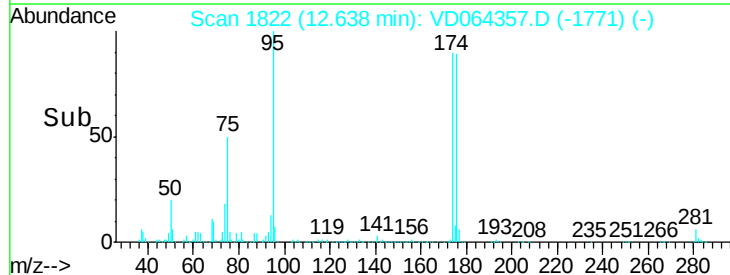
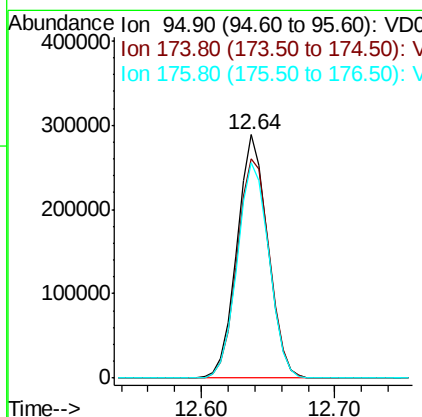
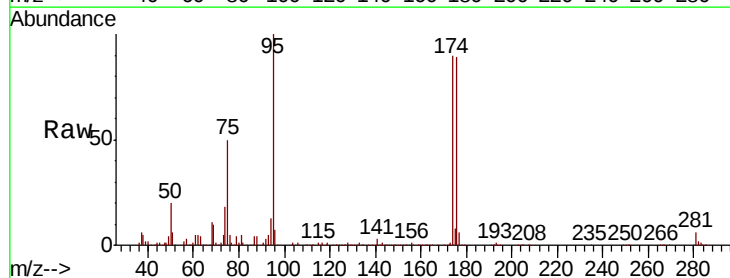
Instrument :
MSVOA_D
ClientSampleId :
AU-06-112219

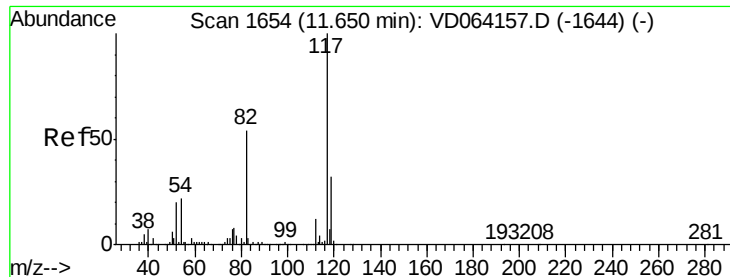
Tot Ion: 98 Resp: 1423894
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.465 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion: 95 Resp: 461434
Ion Ratio Lower Upper
95 100
174 94.1 0.0 183.6
176 91.1 0.0 180.2

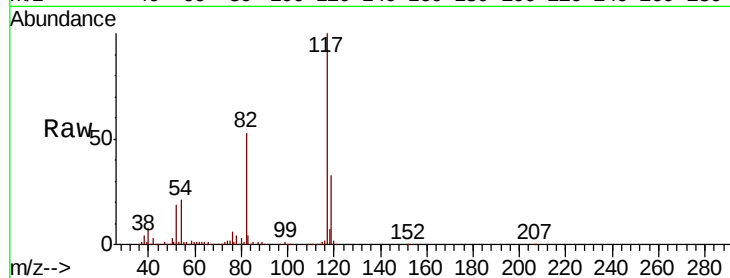




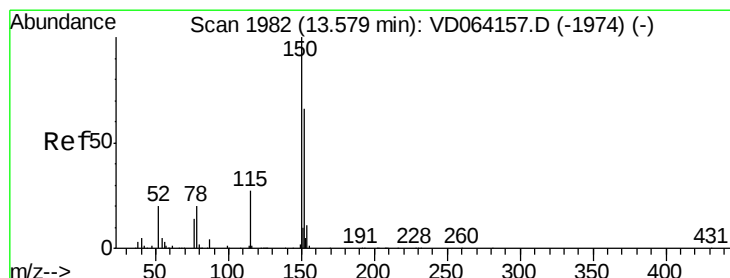
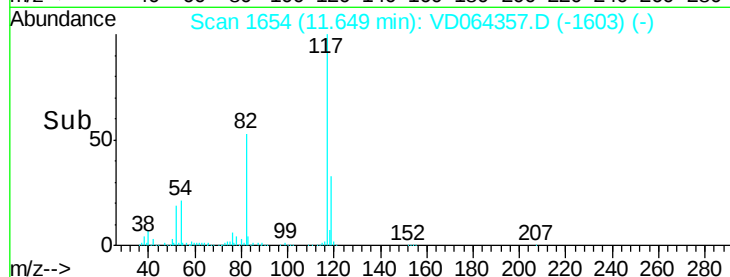
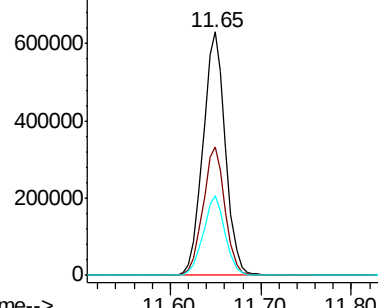
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
AU-06-112219

Tot Ion:117 Resp: 1079653
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.7 25.6 38.4

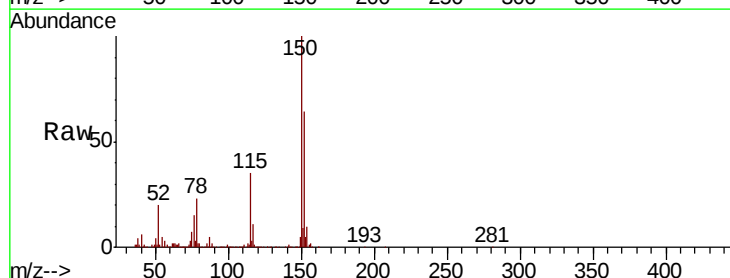


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion:152 Resp: 515292
Ion Ratio Lower Upper
152 100
115 55.5 27.4 82.2
150 155.8 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

