

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064767.D
 Acq On : 04 Jan 2020 08:19
 Operator : VA/SY
 Sample : K6479-02
 Misc : 7.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Q091-SB-02

Quant Time: Jan 06 08:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	763199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232166	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.92	113	233708	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.34	98	909687	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	274674	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

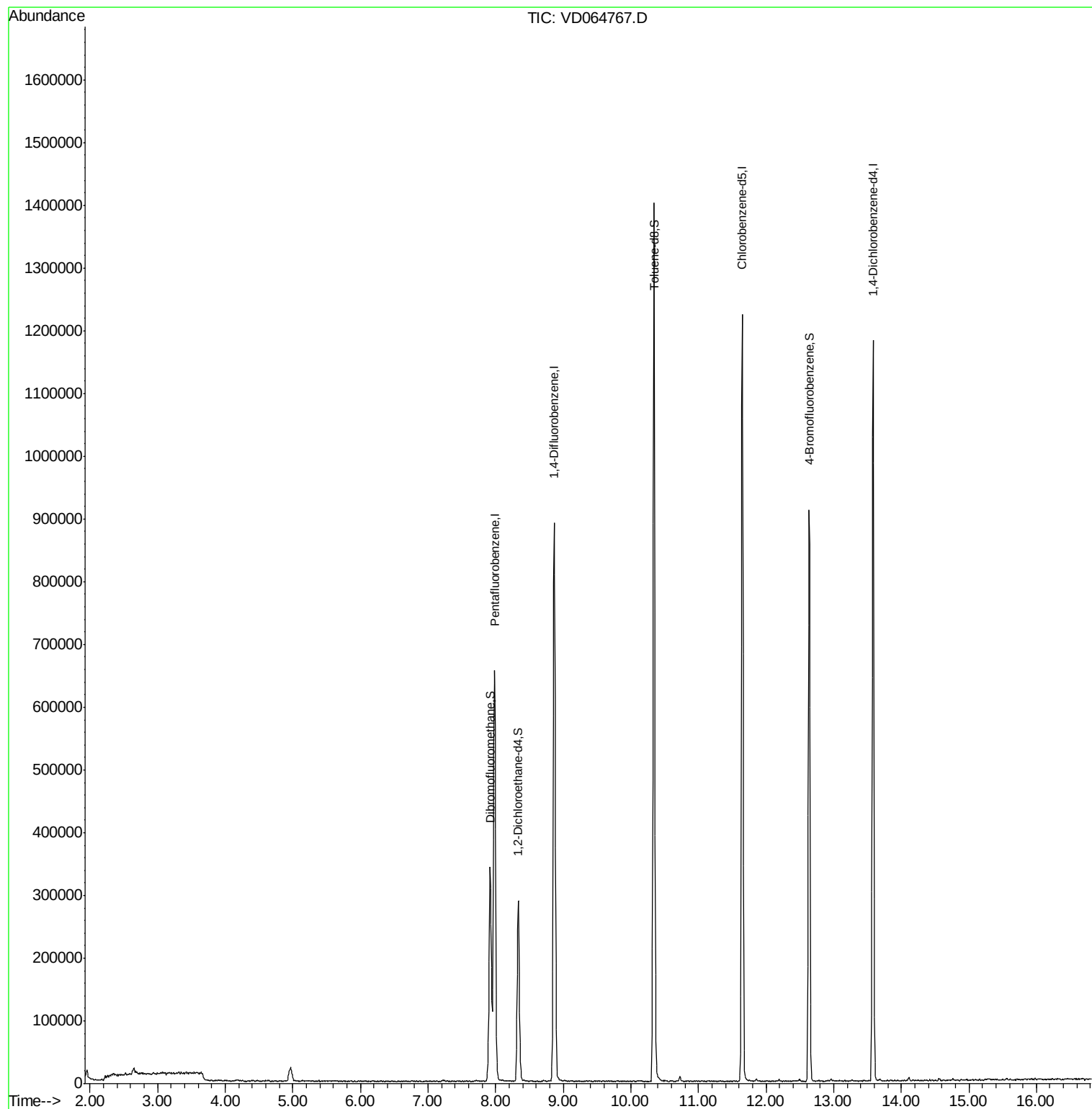
Target Compounds	Qvalue
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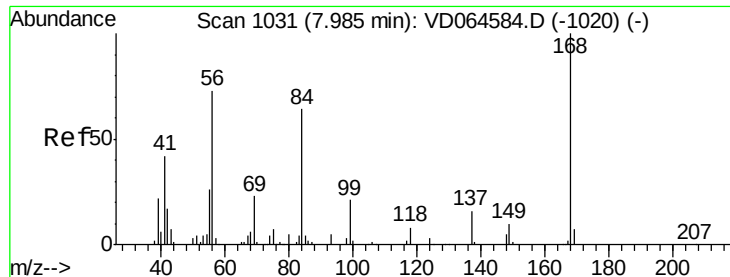
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064767.D

Acq: 04 Jan 2020 08:19

Instrument :

MSVOA_D

ClientSampleId :

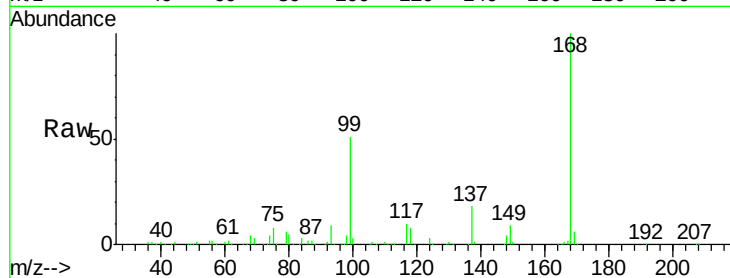
Q091-SB-02

Tgt Ion:168 Resp: 505956

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

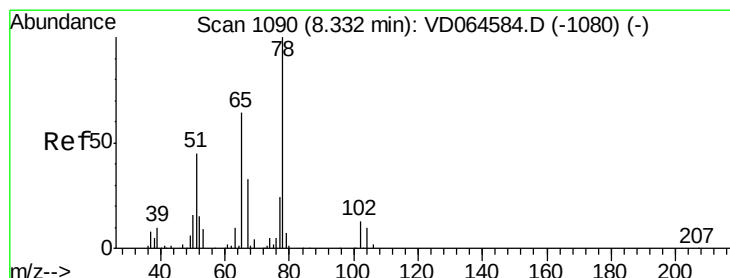
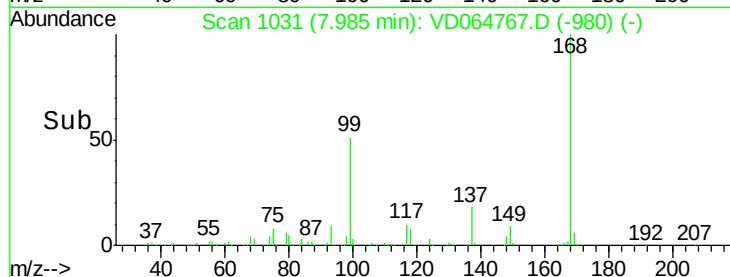
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.038 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064767.D

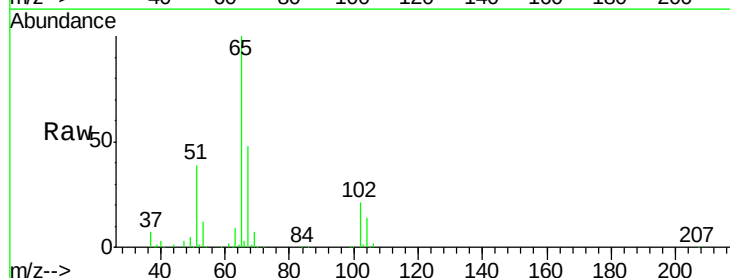
Acq: 04 Jan 2020 08:19

Tgt Ion: 65 Resp: 232166

Ion Ratio Lower Upper

65 100

67 50.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

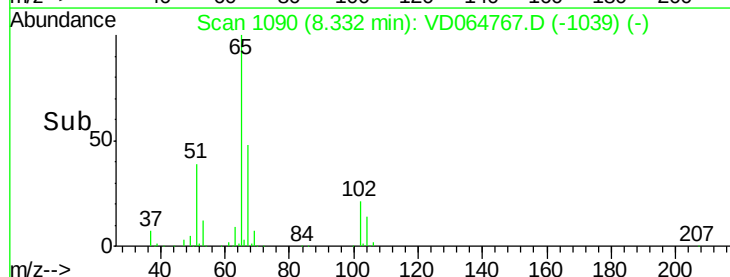
60000

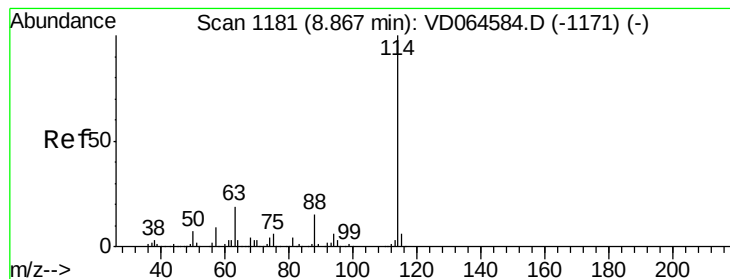
40000

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: VD064767.D

Acq: 04 Jan 2020 08:19

Instrument :

MSVOA_D

ClientSampleId :

Q091-SB-02

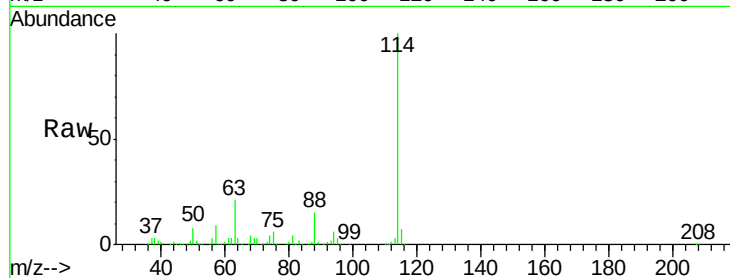
Tgt Ion:114 Resp: 763199

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.0

88 14.8 0.0 29.2



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

8.87

400000

300000

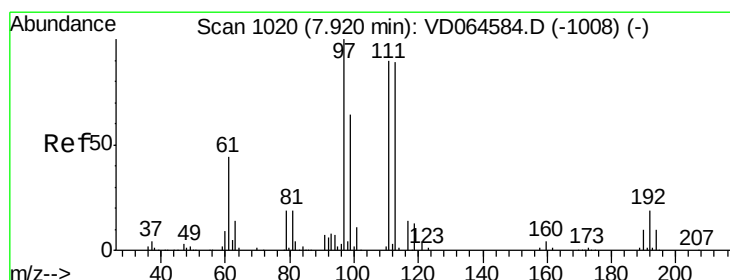
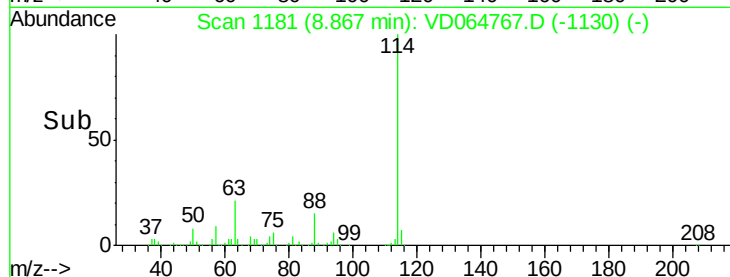
200000

100000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 49.912 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064767.D

Acq: 04 Jan 2020 08:19

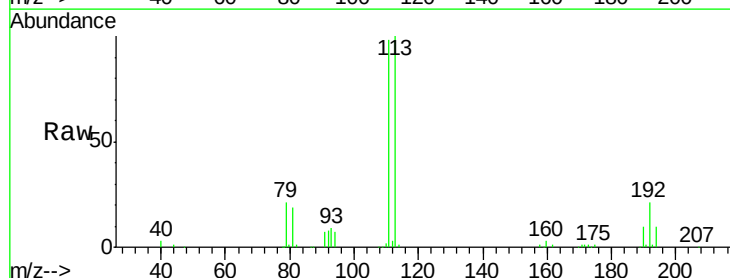
Tgt Ion:113 Resp: 233708

Ion Ratio Lower Upper

113 100

111 103.0 80.6 121.0

192 22.0 17.9 26.9



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

7.92

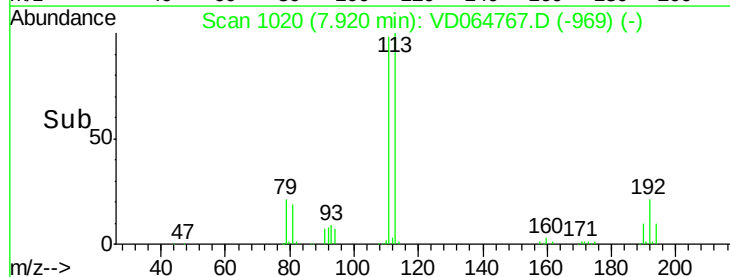
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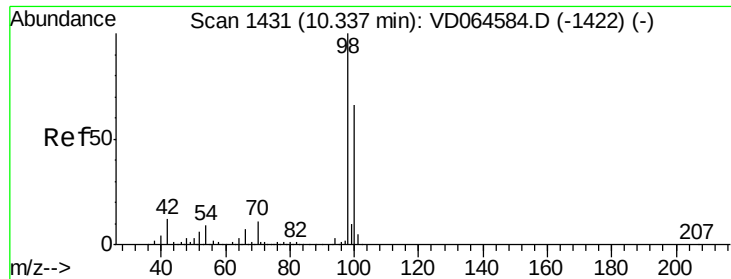
50000

0

7.80 7.90 8.00 8.10

Time-->

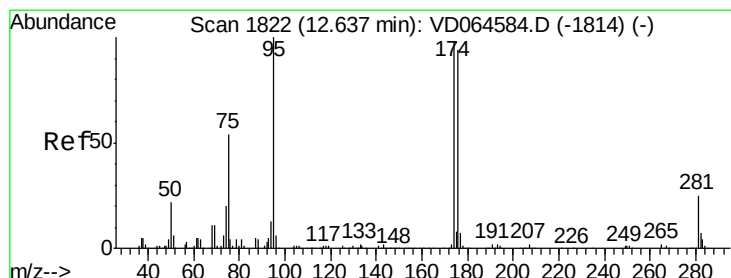
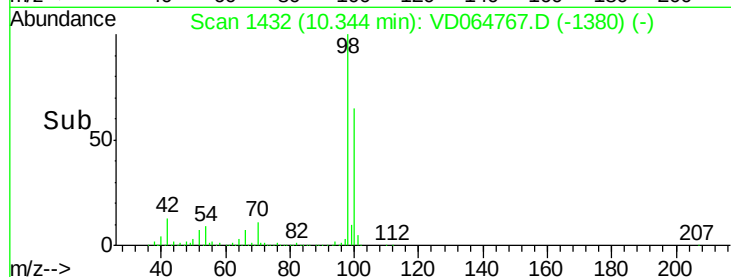
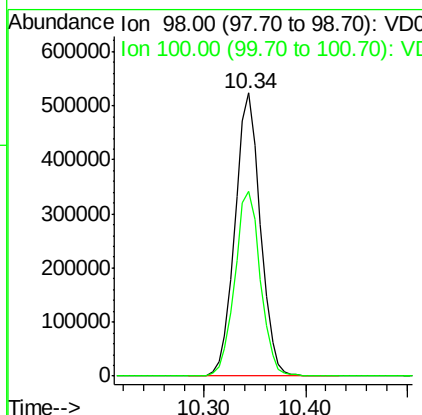
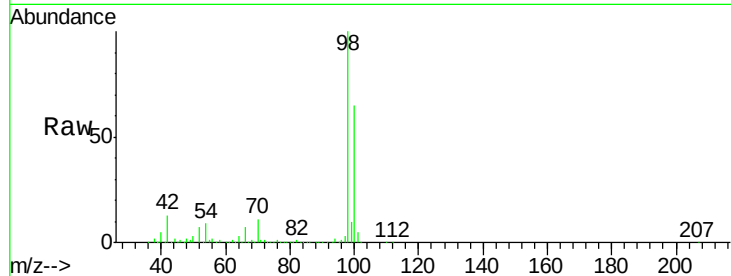




#50
Toluene-d8
Concen: 50.727 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

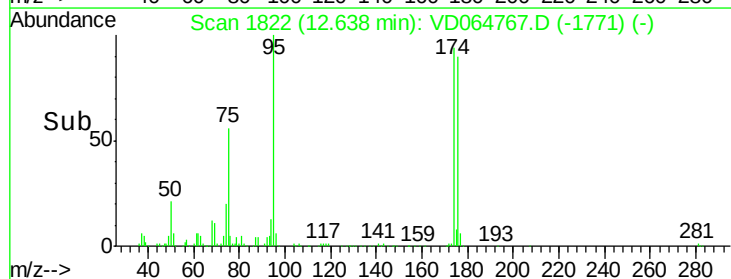
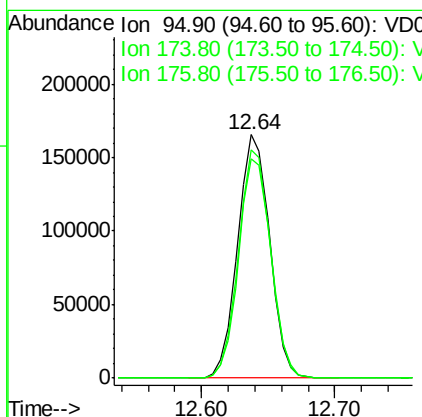
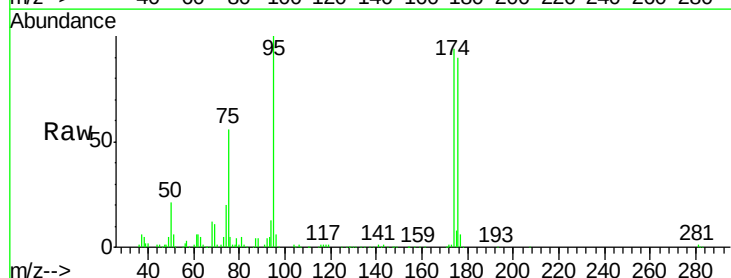
Instrument :
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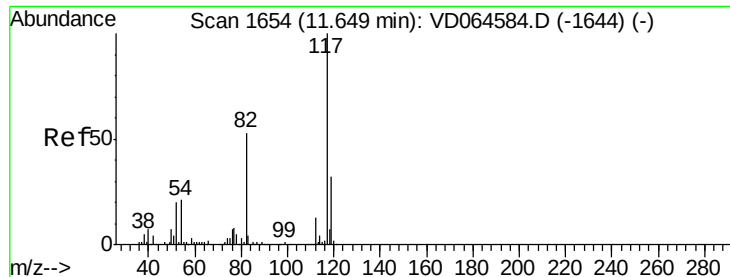
Tgt Ion: 98 Resp: 909687
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.438 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Tgt Ion: 95 Resp: 274674
Ion Ratio Lower Upper
95 100
174 94.2 0.0 193.2
176 90.7 0.0 184.2

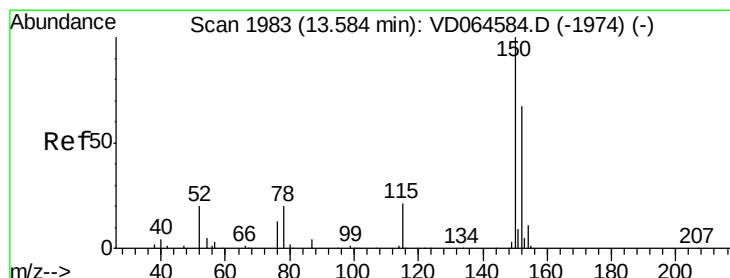
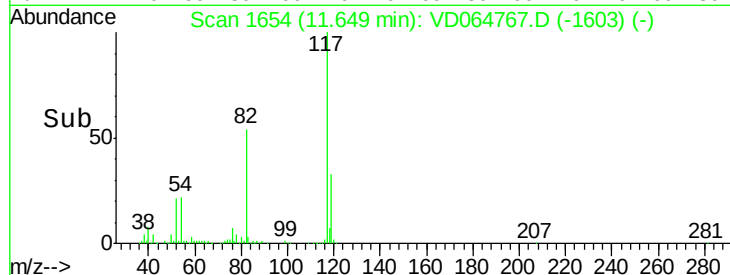
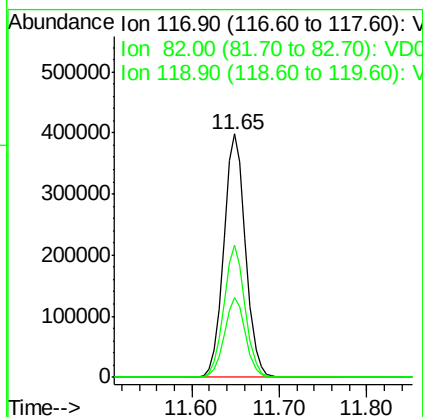
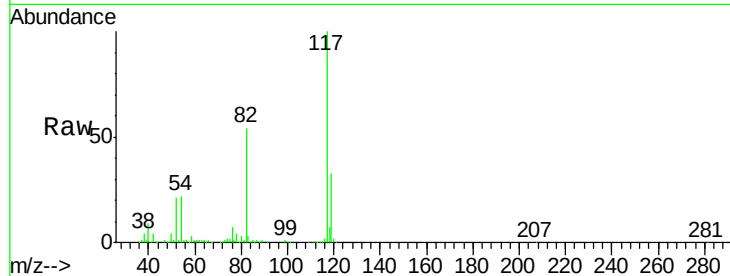




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Instrument :
MSVOA_D
ClientSampleId :
Q091-SB-02

Tgt Ion:117 Resp: 678975
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Tgt Ion:152 Resp: 309583
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 153.4 0.0 351.4

