

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010720\
 Data File : VD064789.D
 Acq On : 07 Jan 2020 13:19
 Operator : VA/SY
 Sample : VD0107SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0107SBL01

Quant Time: Jan 08 07:50:29 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	323274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	484327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152819	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.92	113	153123	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.34	98	551762	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.64	95	168693	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

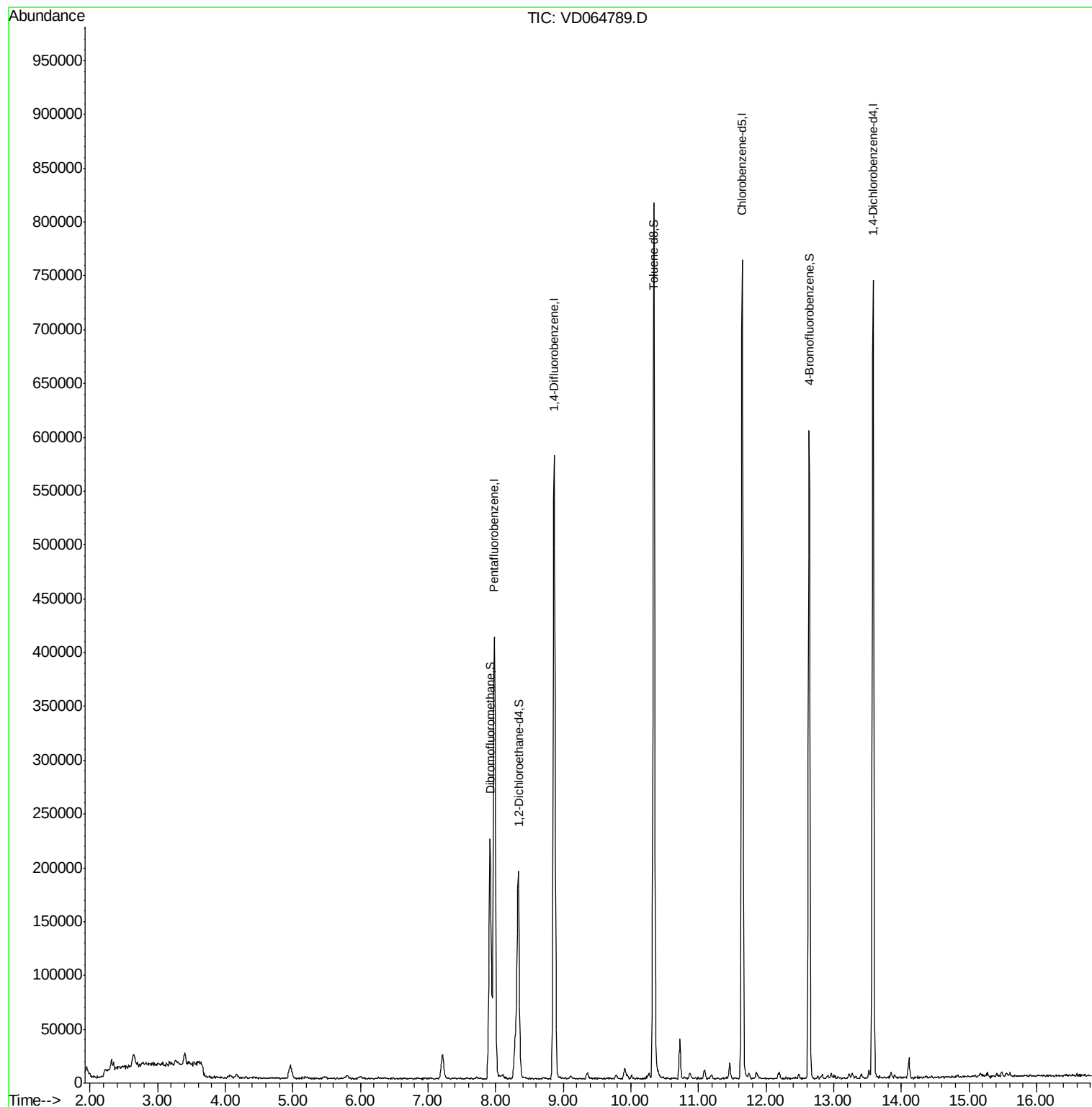
Target Compounds	Qvalue
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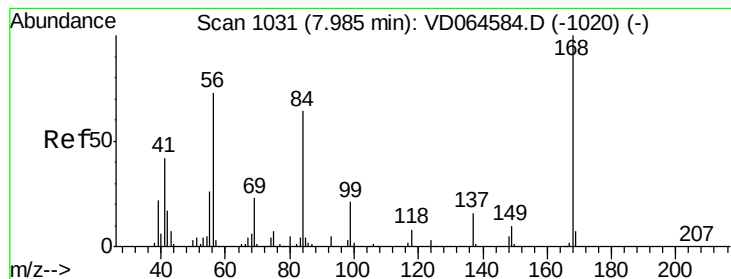
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064789.D

Acq: 07 Jan 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

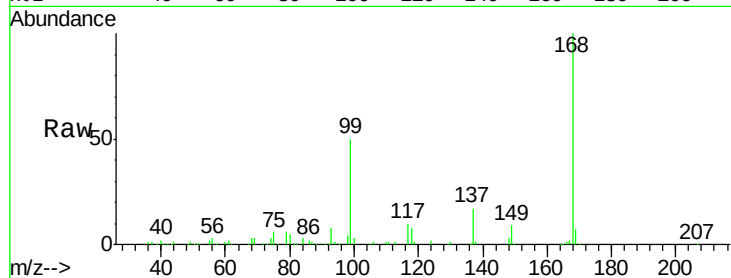
VD0107SBL01

Tgt Ion:168 Resp: 323274

Ion Ratio Lower Upper

168 100

99 49.6 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

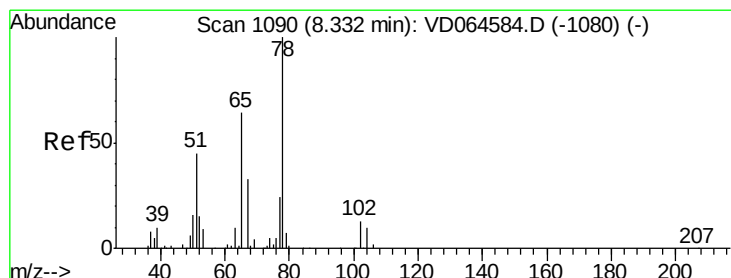
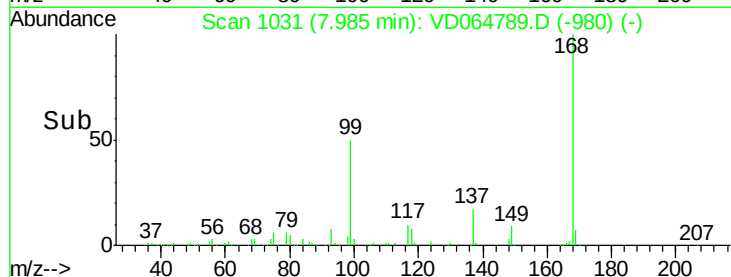
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.610 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064789.D

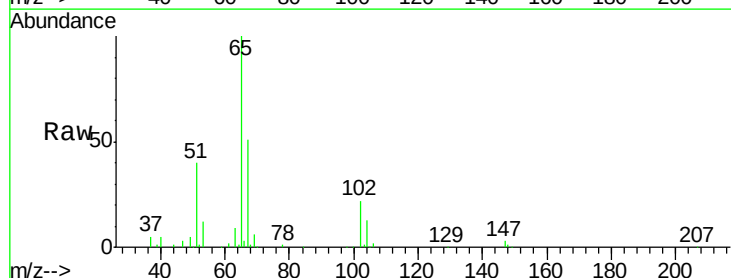
Acq: 07 Jan 2020 13:19

Tgt Ion: 65 Resp: 152819

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

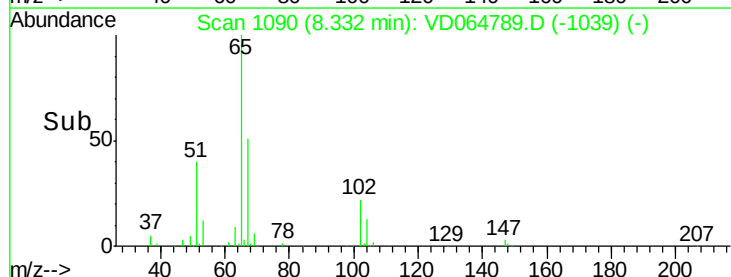
60000

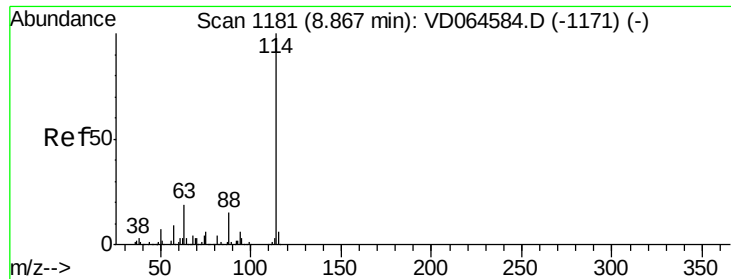
40000

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: VD064789.D

Acq: 07 Jan 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

VD0107SBL01

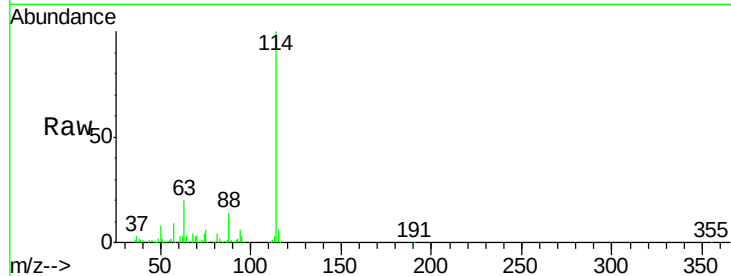
Tgt Ion:114 Resp: 484327

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

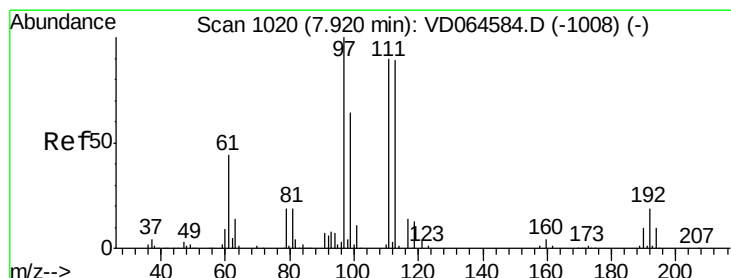
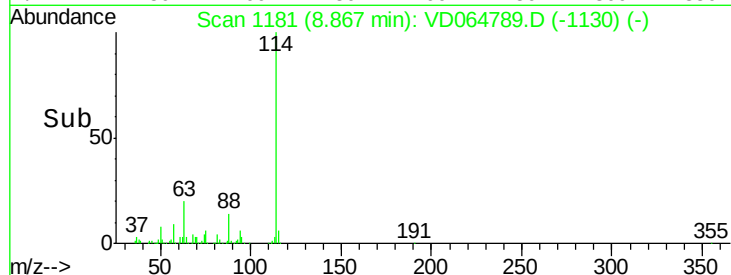
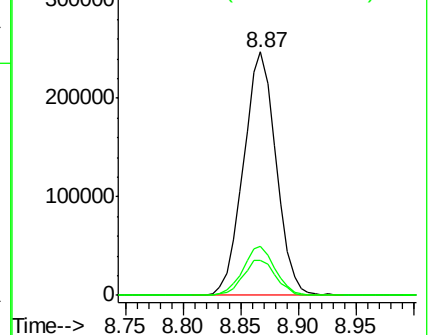
88 14.4 0.0 29.2



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



#35

Dibromofluoromethane

Concen: 51.532 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064789.D

Acq: 07 Jan 2020 13:19

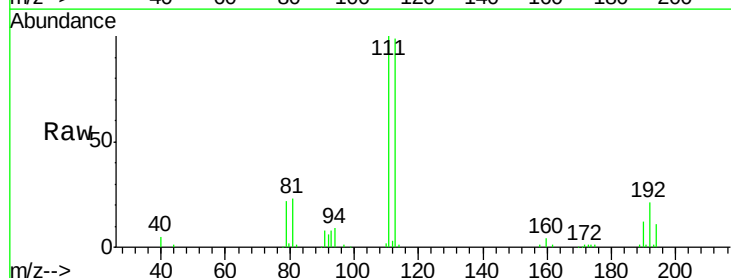
Tgt Ion:113 Resp: 153123

Ion Ratio Lower Upper

113 100

111 101.4 80.6 121.0

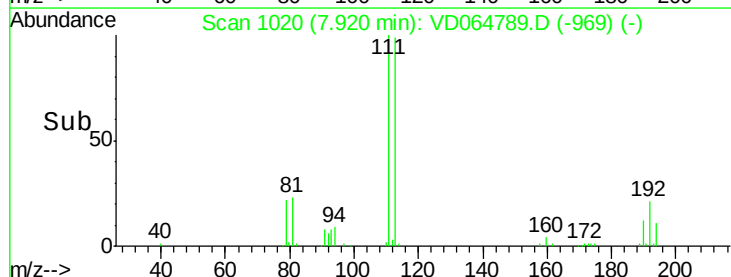
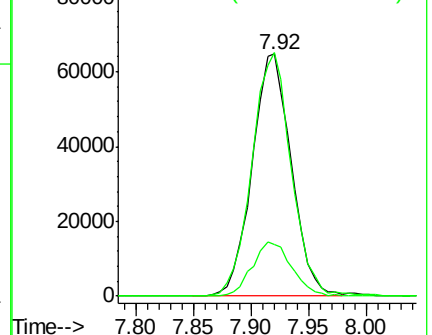
192 22.5 17.9 26.9

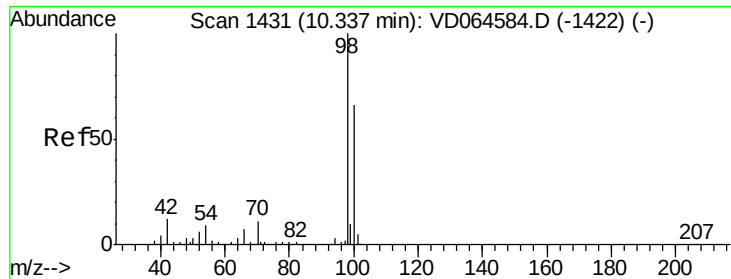


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

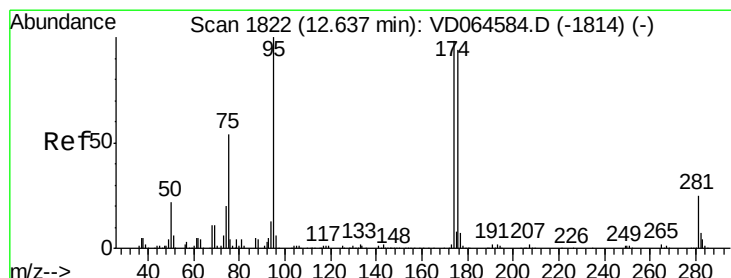
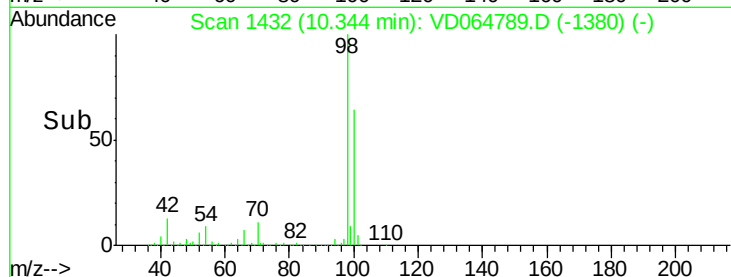
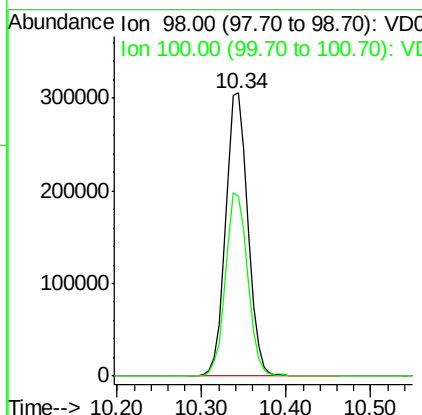
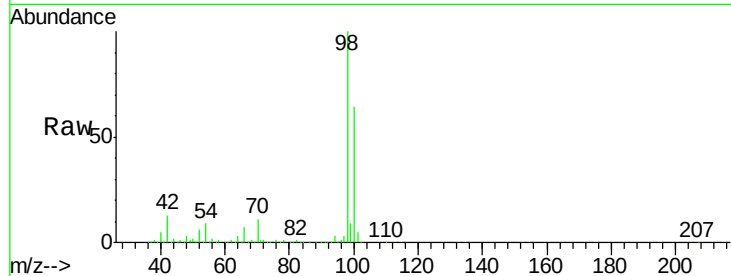




#50
Toluene-d8
Concen: 48.484 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

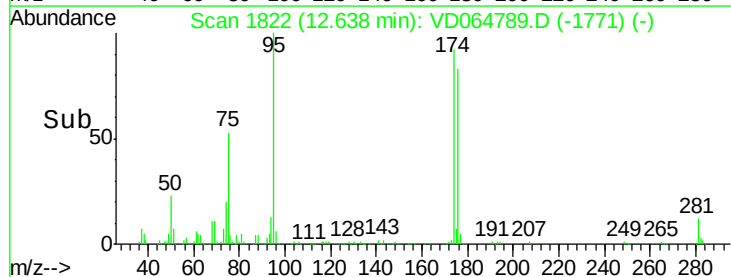
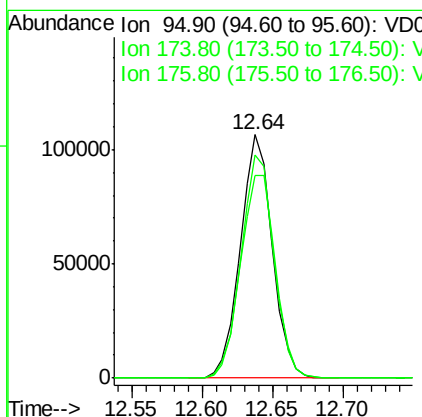
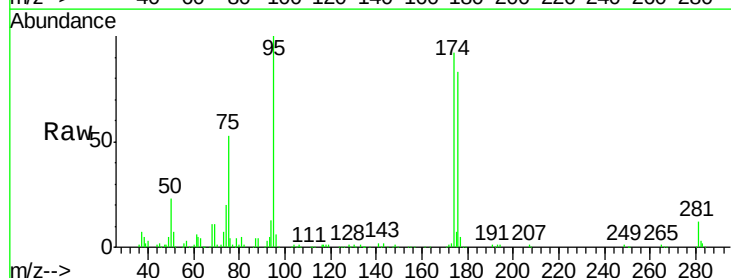
Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

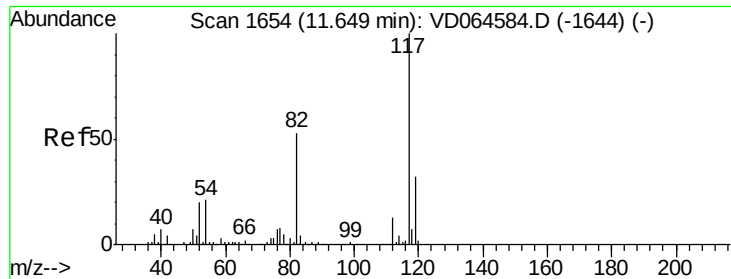
Tgt Ion: 98 Resp: 551762
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.878 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

Tgt Ion: 95 Resp: 168693
Ion Ratio Lower Upper
95 100
174 94.7 0.0 193.2
176 91.3 0.0 184.2

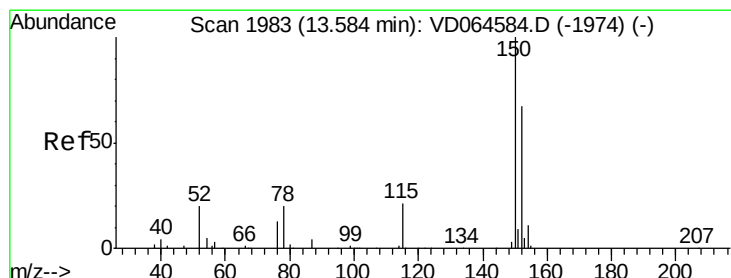
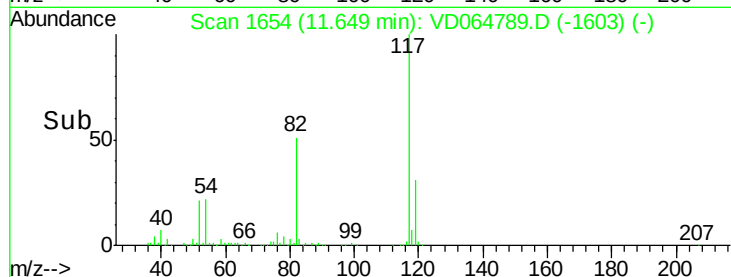
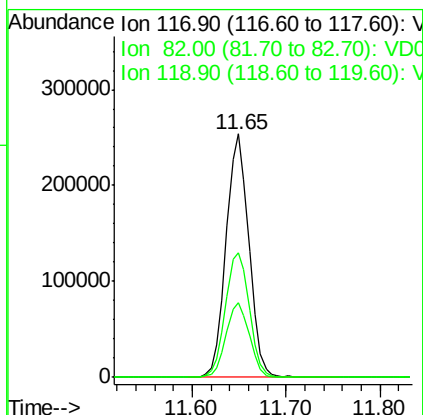
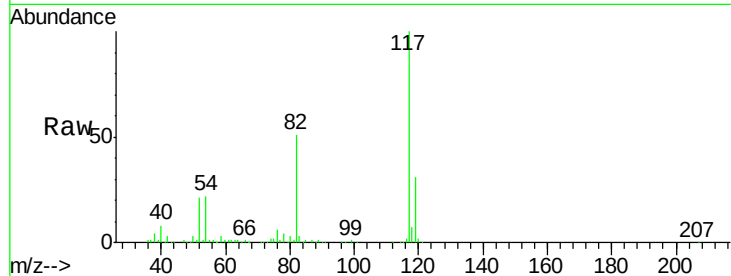




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064789.D
Acq: 07 Jan 2020 13:19

Instrument :
MSVOA_D
ClientSampleId :
VD0107SBL01

Tgt Ion:117 Resp: 428334
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.4
119 30.9 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: VD064789.D
Acq: 07 Jan 2020 13:19

Tgt Ion:152 Resp: 196644
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 158.1 0.0 351.4

