

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
 Data File : VD065491.D
 Acq On : 12 Mar 2020 18:46
 Operator : VA/SY
 Sample : L1912-19
 Misc : 6.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-3A

Quant Time: Mar 13 05:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	547333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	929203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	874818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	405688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	275574	58.69	ug/l	0.00
Spiked Amount			Recovery	=	117.38%	
35) Dibromofluoromethane	7.92	113	297043	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	10.34	98	1126496	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	355501	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	

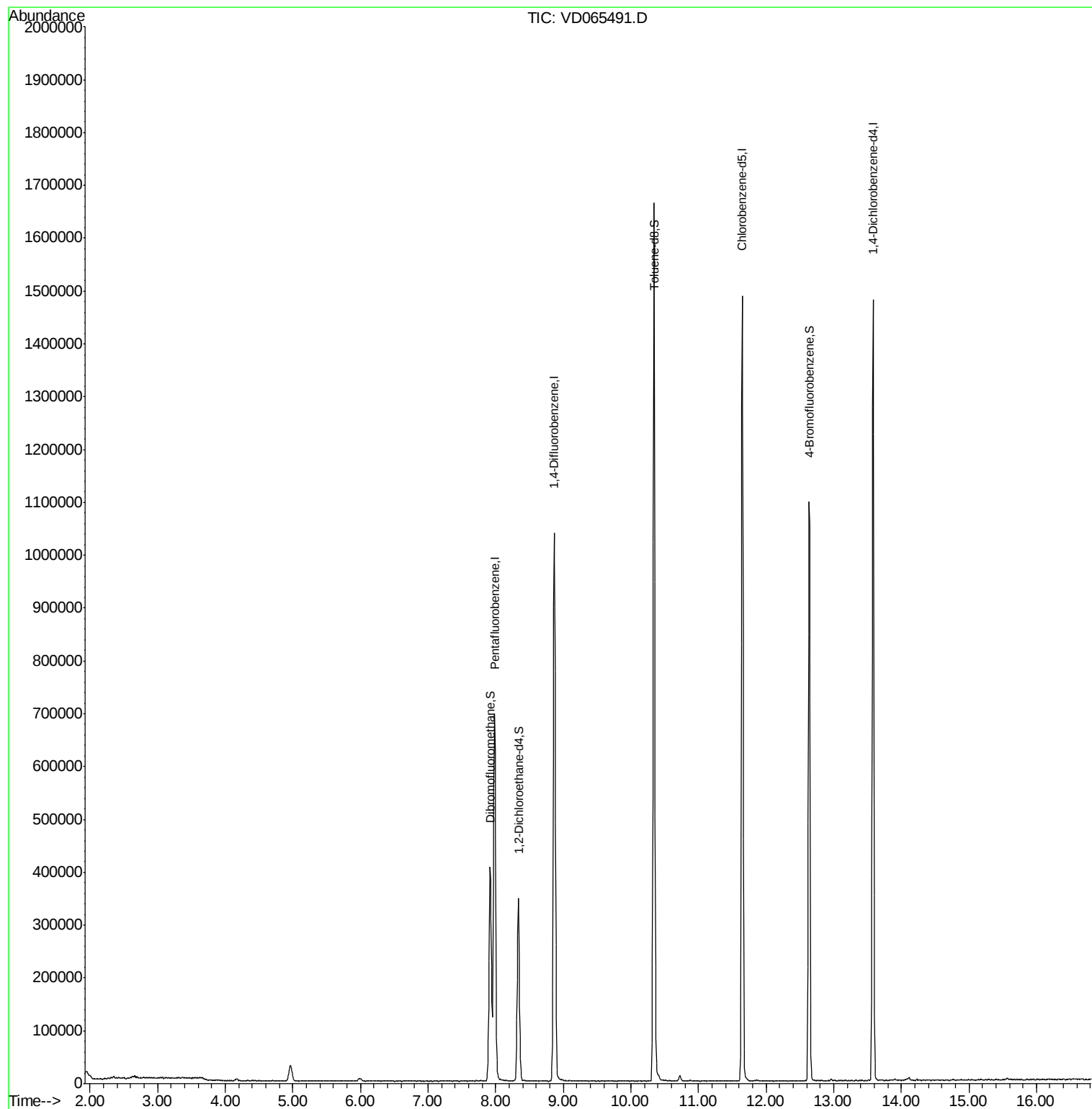
Target Compounds	Qvalue
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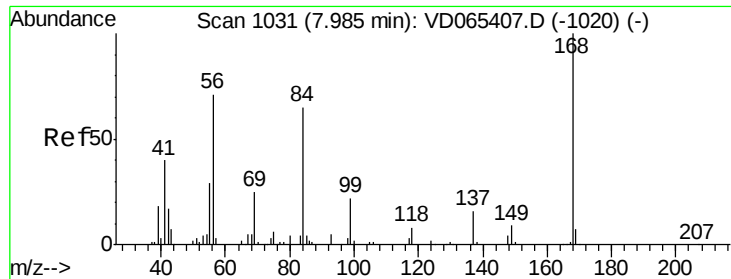
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031220\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065491.D

Acq: 12 Mar 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

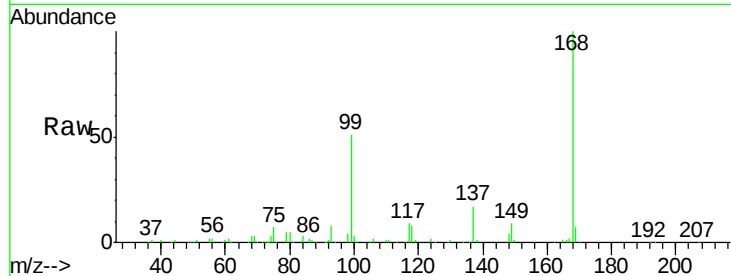
Z1-3A

Tot Ion:168 Resp: 547333

Ion Ratio Lower Upper

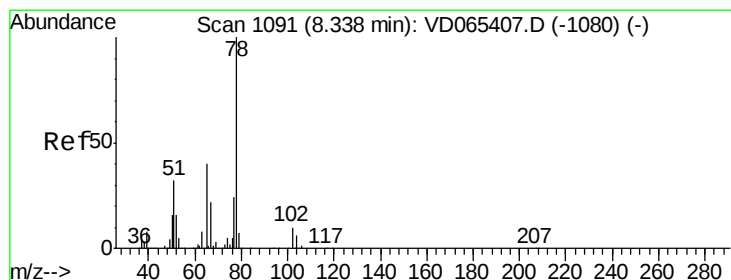
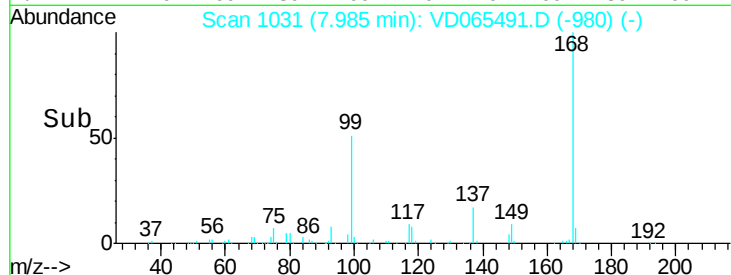
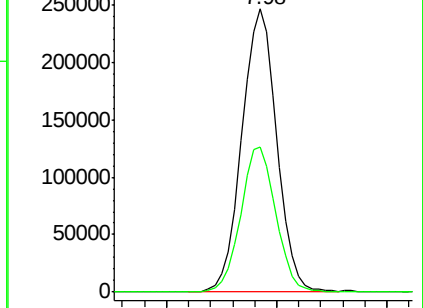
168 100

99 51.4 41.5 62.3



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: 58.695 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065491.D

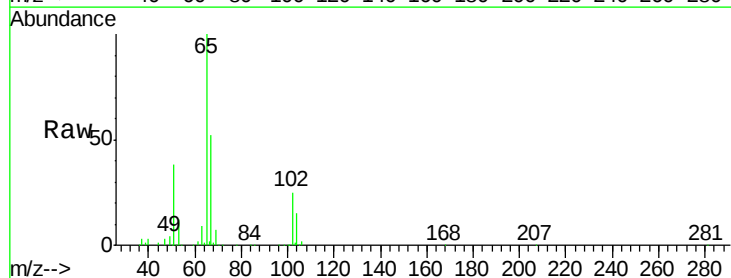
Acq: 12 Mar 2020 18:46

Tgt Ion: 65 Resp: 275574

Ion Ratio Lower Upper

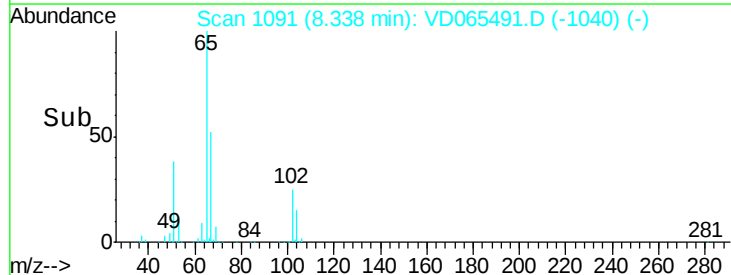
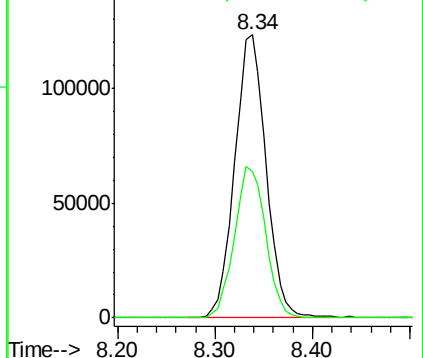
65 100

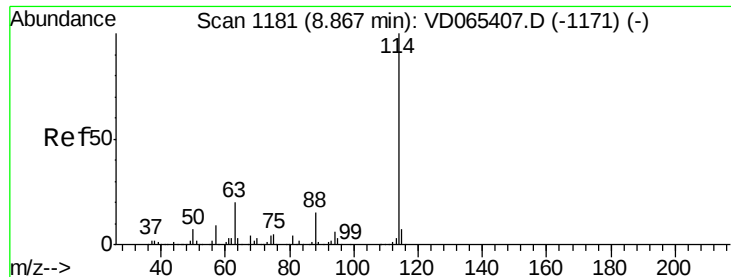
67 53.6 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

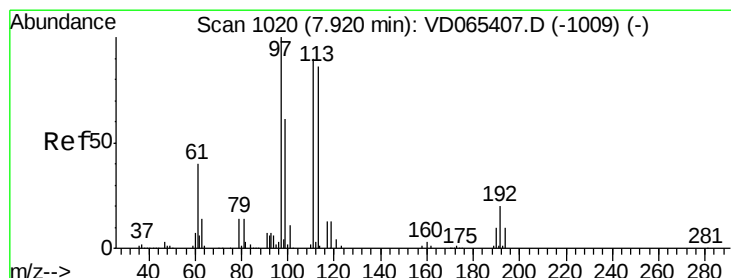
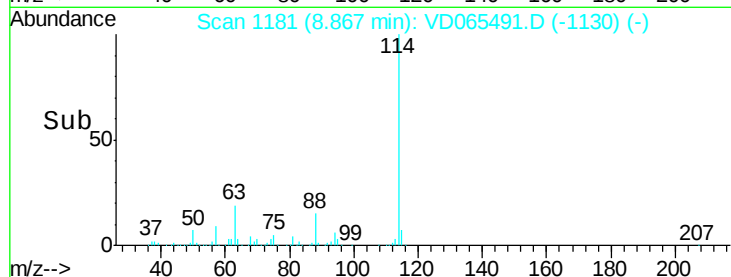
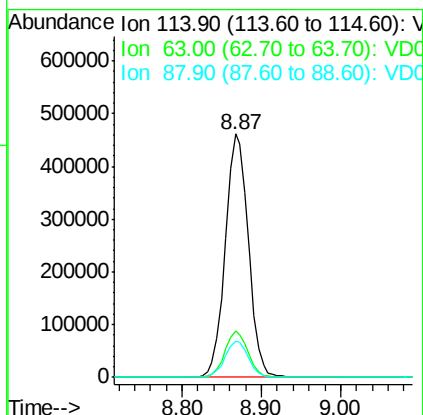
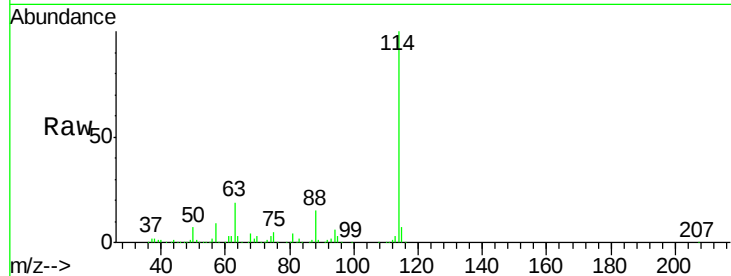




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065491.D
 Acq: 12 Mar 2020 18:46

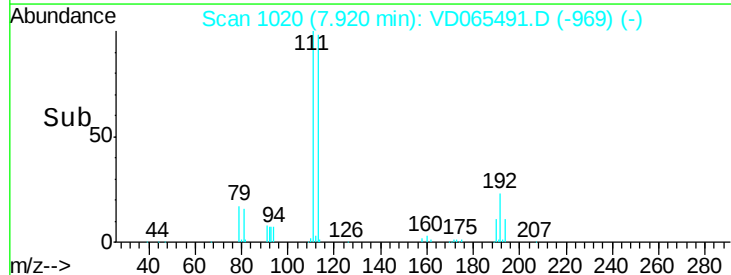
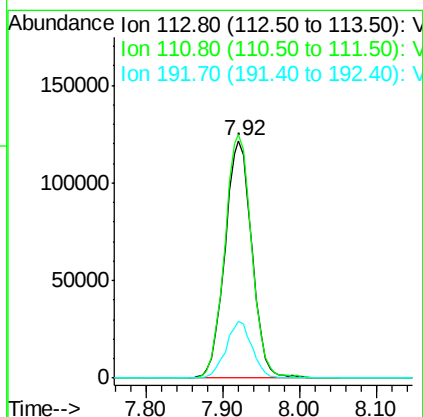
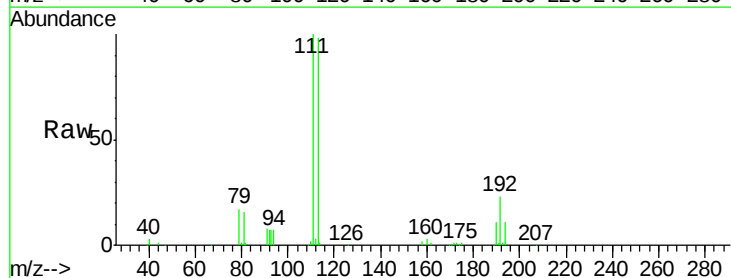
Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-3A

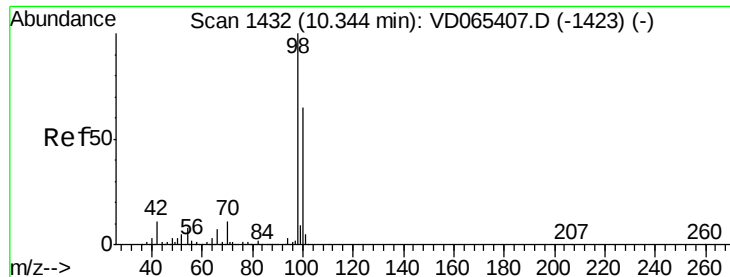
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	14.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 51.693 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065491.D
 Acq: 12 Mar 2020 18:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	23.0	17.2	25.8





#50

Toluene-d8

Concen: 51.100 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065491.D

Acq: 12 Mar 2020 18:46

Instrument :

MSVOA_D

ClientSampleId :

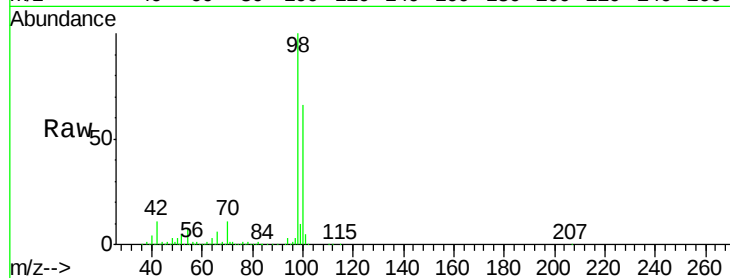
Z1-3A

Tot Ion: 98 Resp: 1126496

Ion Ratio Lower Upper

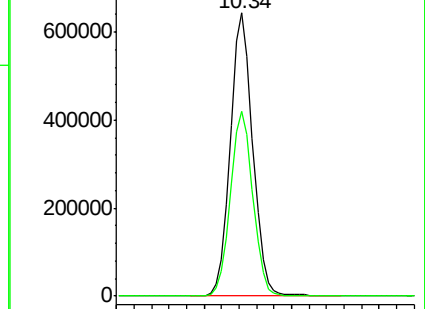
98 100

100 65.7 52.8 79.2

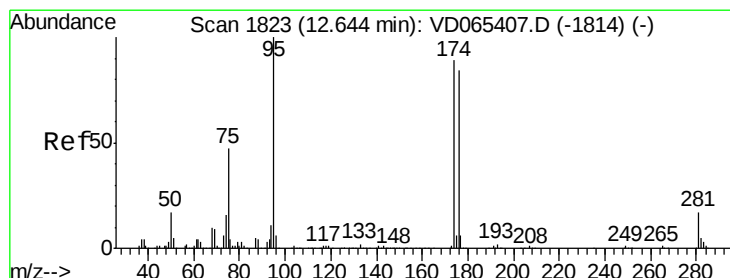
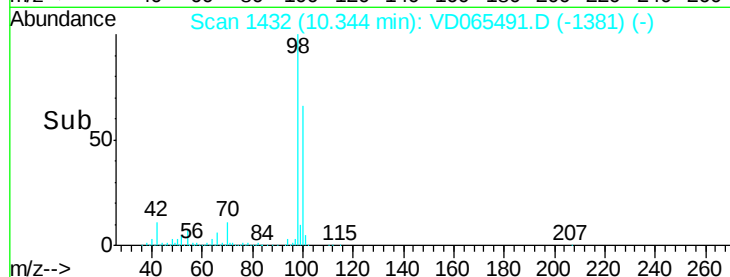


Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065407.D (-1423) (-)



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 52.238 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065491.D

Acq: 12 Mar 2020 18:46

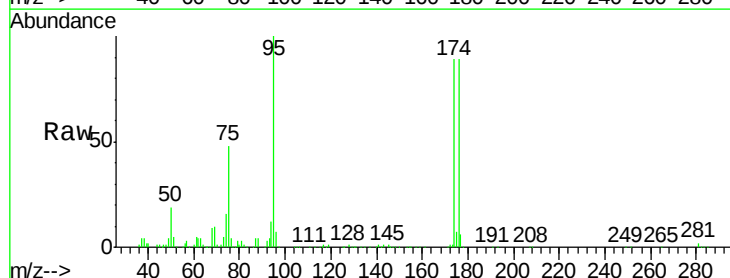
Tgt Ion: 95 Resp: 355501

Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.8

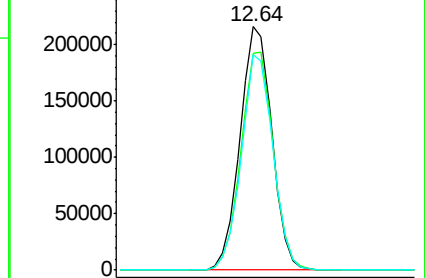
176 87.8 0.0 171.4



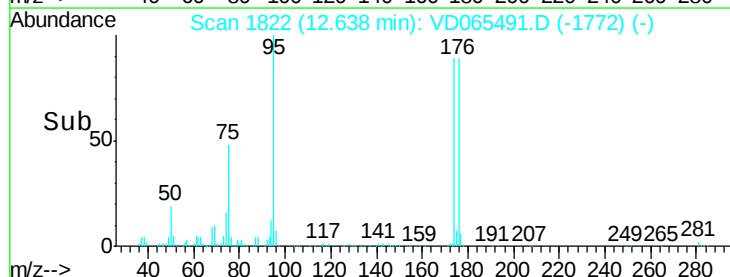
Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

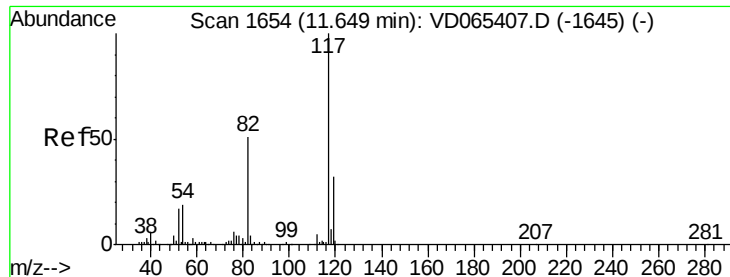
Ion 173.80 (173.50 to 174.50): VD065407.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065407.D (-1814) (-)



Time--> 12.60 12.70

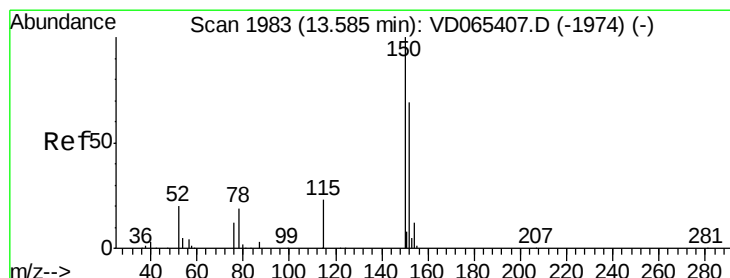
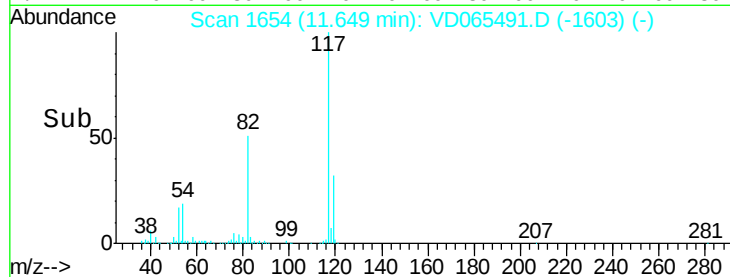
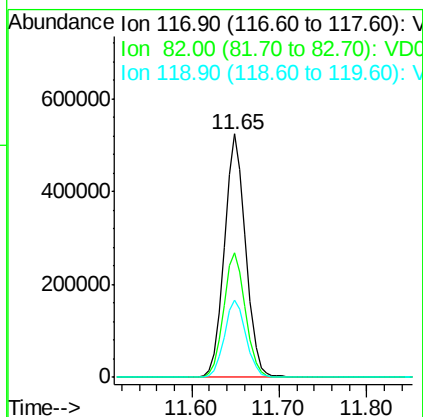
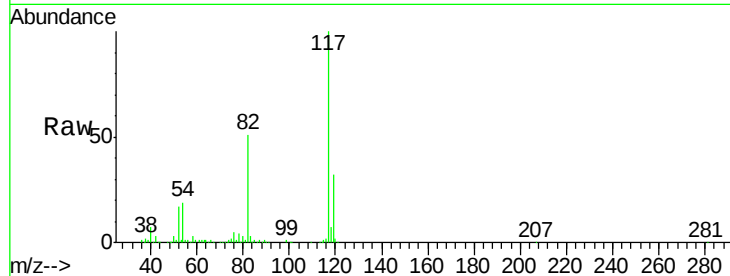




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065491.D
Acq: 12 Mar 2020 18:46

Instrument :
MSVOA_D
ClientSampleId :
Z1-3A

Tot Ion:117 Resp: 874818
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065491.D
Acq: 12 Mar 2020 18:46

Tgt Ion:152 Resp: 405688
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 159.0 0.0 345.0

