

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064198.D
 Acq On : 12 Nov 2019 16:09
 Operator : VA/SY
 Sample : K5676-11
 Misc : 8.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-110819

Quant Time: Nov 13 04:27:52 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	896237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1348203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1381492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	726750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	360097	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.92	113	404963	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.34	98	1618455	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
62) 4-Bromofluorobenzene	12.64	95	647668	64.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.12%	

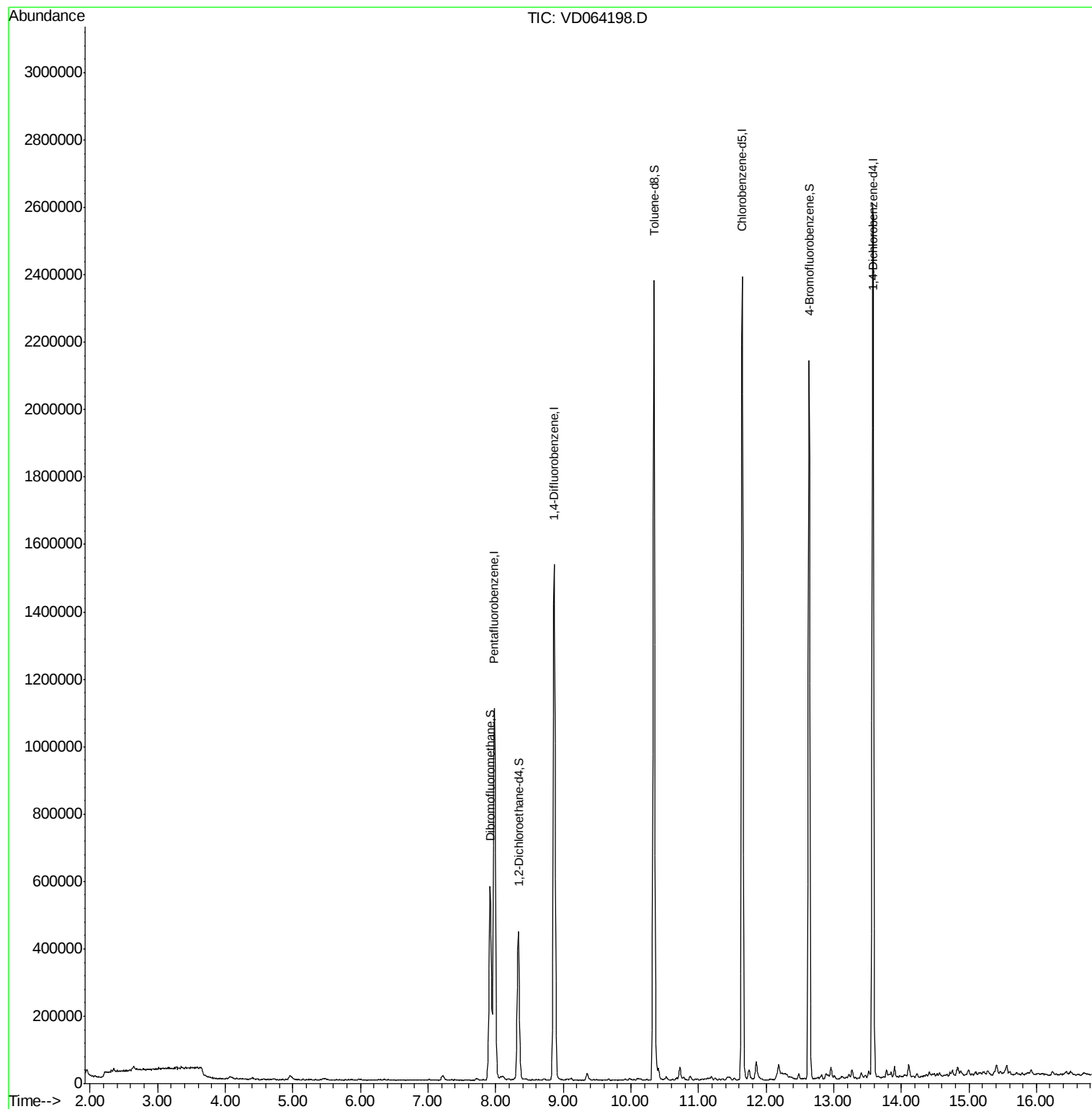
Target Compounds	Qvalue
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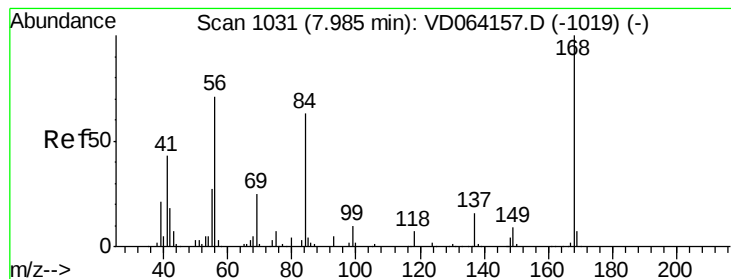
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111219\
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QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064198.D

Acq: 12 Nov 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

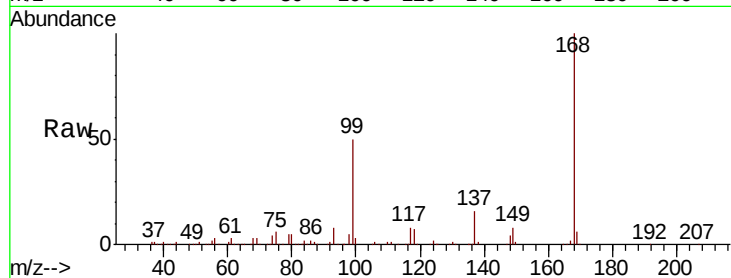
SU-03-110819

Tot Ion:168 Resp: 896237

Ion Ratio Lower Upper

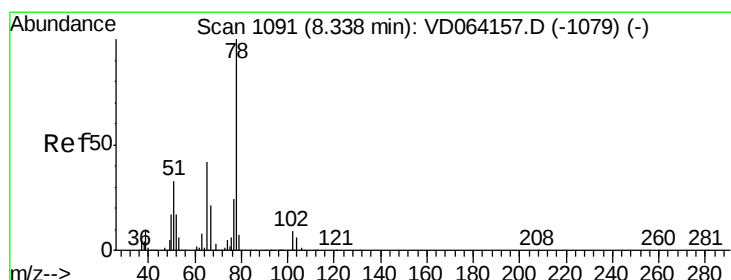
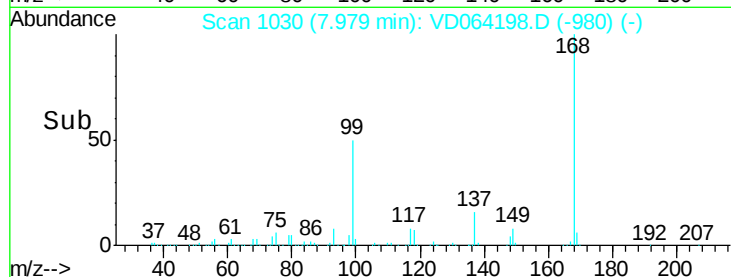
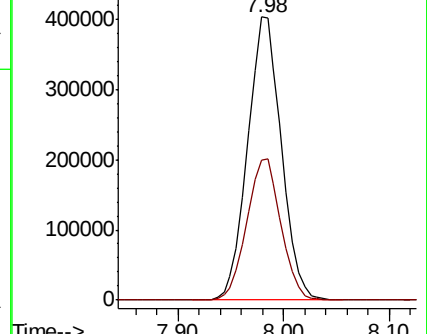
168 100

99 49.4 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: 48.853 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064198.D

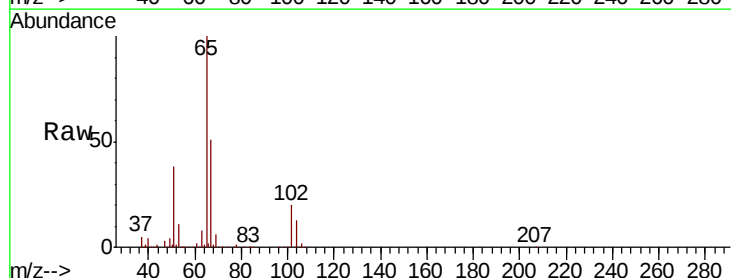
Acq: 12 Nov 2019 16:09

Tgt Ion: 65 Resp: 360097

Ion Ratio Lower Upper

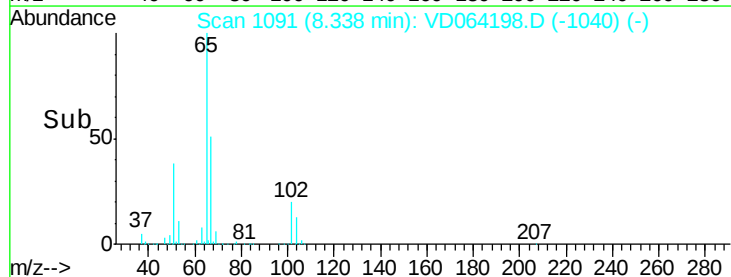
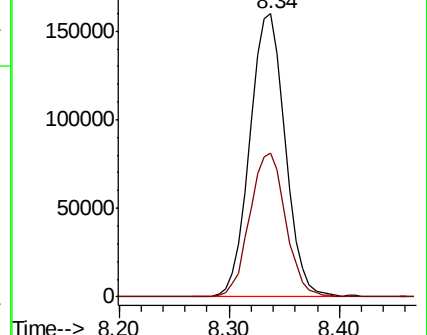
65 100

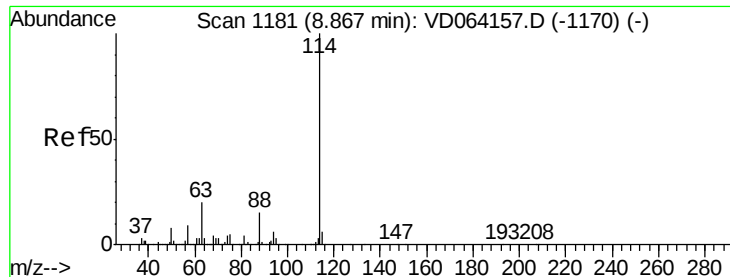
67 52.0 0.0 104.4



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: VD064198.D

Acq: 12 Nov 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

SU-03-110819

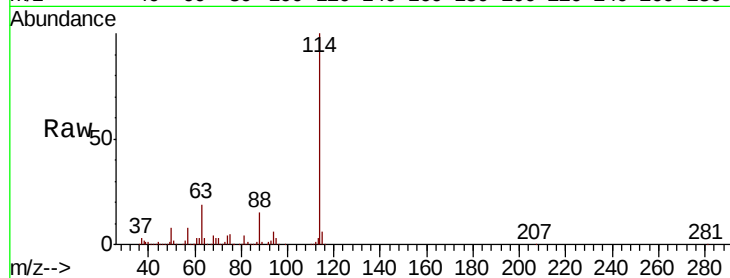
Tot Ion:114 Resp: 1348203

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

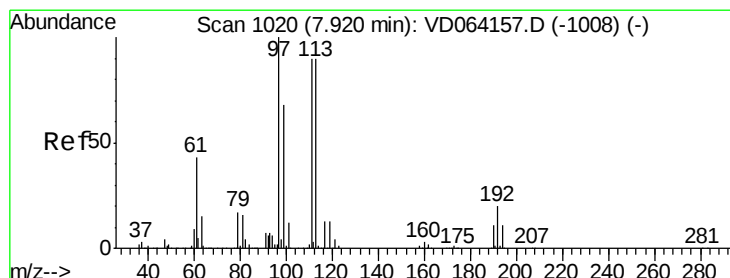
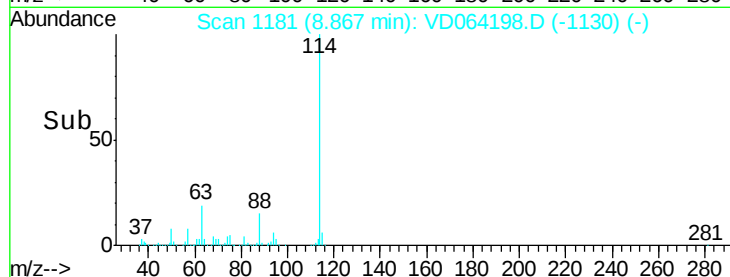
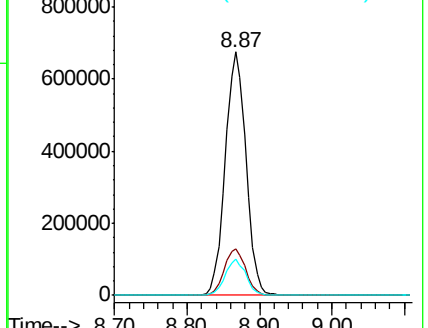
88 14.7 0.0 30.2



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: 52.328 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064198.D

Acq: 12 Nov 2019 16:09

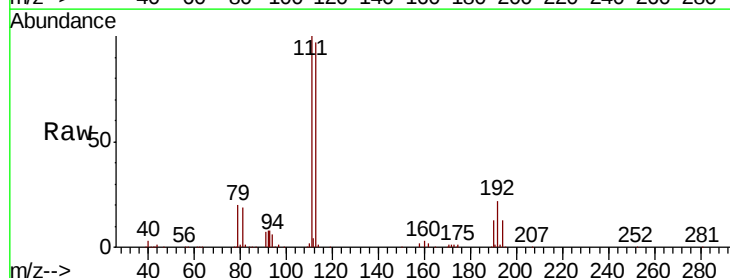
Tgt Ion:113 Resp: 404963

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

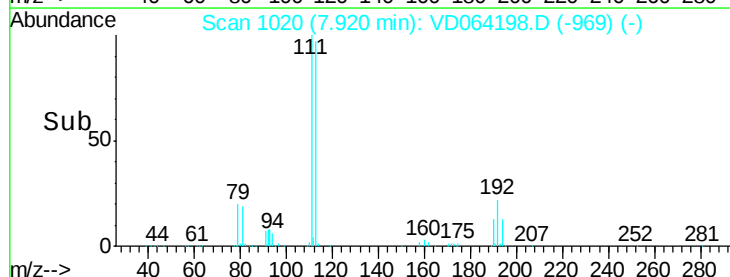
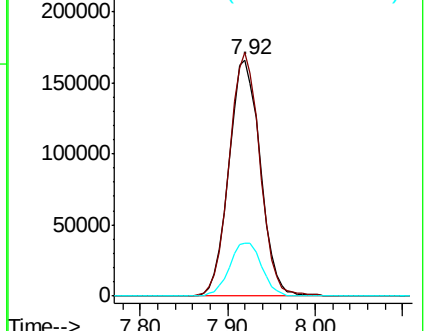
192 23.3 18.8 28.2



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

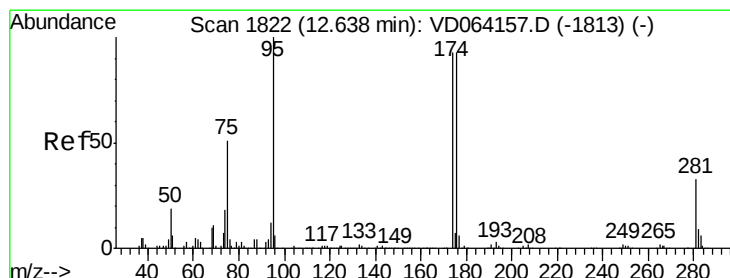
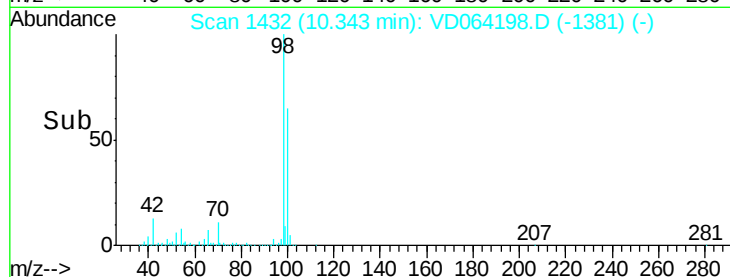
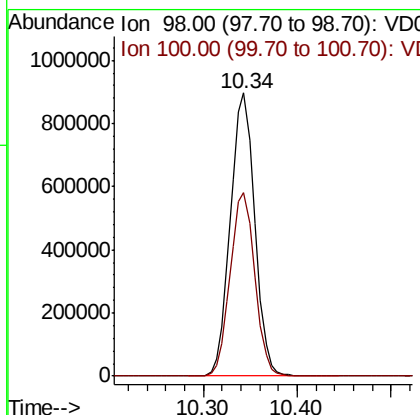
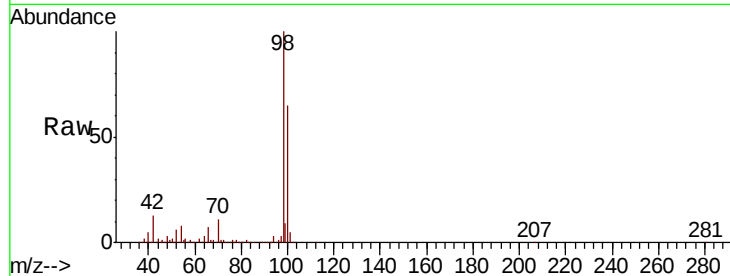




#50
Toluene-d8
Concen: 55.437 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

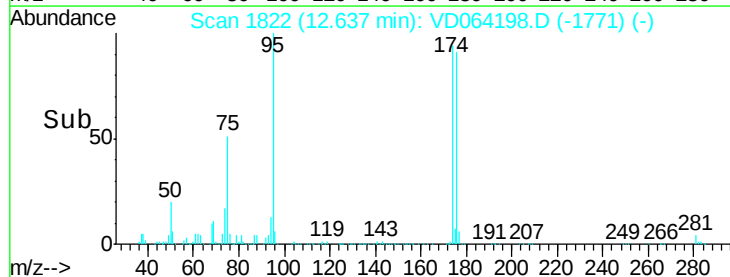
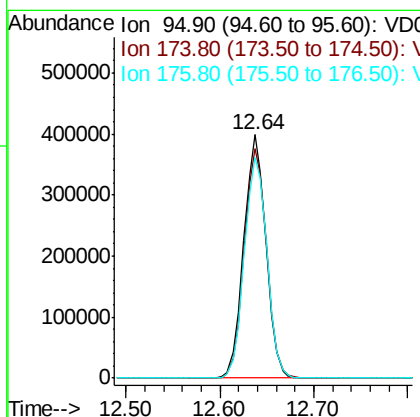
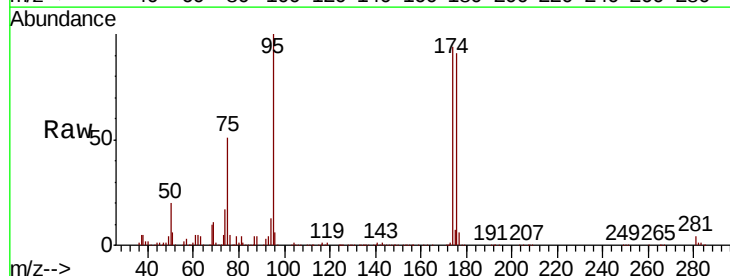
Instrument :
MSVOA_D
ClientSampleId :
SU-03-110819

Tot Ion: 98 Resp: 1618455
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.061 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Tgt Ion: 95 Resp: 647668
Ion Ratio Lower Upper
95 100
174 95.5 0.0 183.6
176 92.6 0.0 180.2

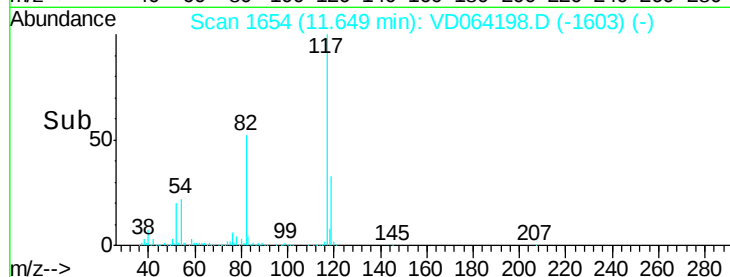
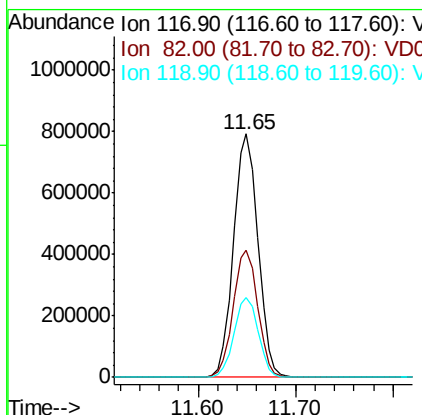
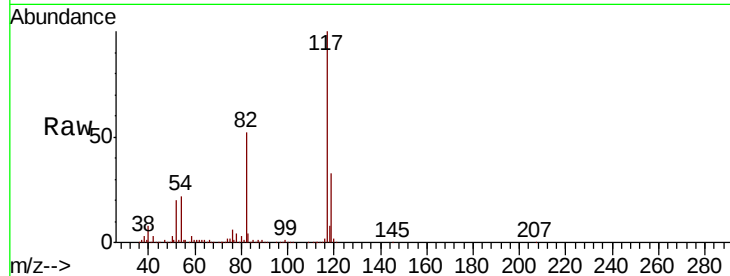




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Instrument :
MSVOA_D
ClientSampleId :
SU-03-110819

Tot Ion:117 Resp: 1381492
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064198.D
Acq: 12 Nov 2019 16:09

Tgt Ion:152 Resp: 726750
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 156.0 0.0 351.6

