

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064080.D
 Acq On : 25 Oct 2019 22:13
 Operator : VA/SY
 Sample : K5542-06
 Misc : 5.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 200-06-(1.2)

Quant Time: Oct 26 01:21:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	145692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	269083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	75692	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.92	113	73985	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	10.34	98	343674	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.64	95	102010	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

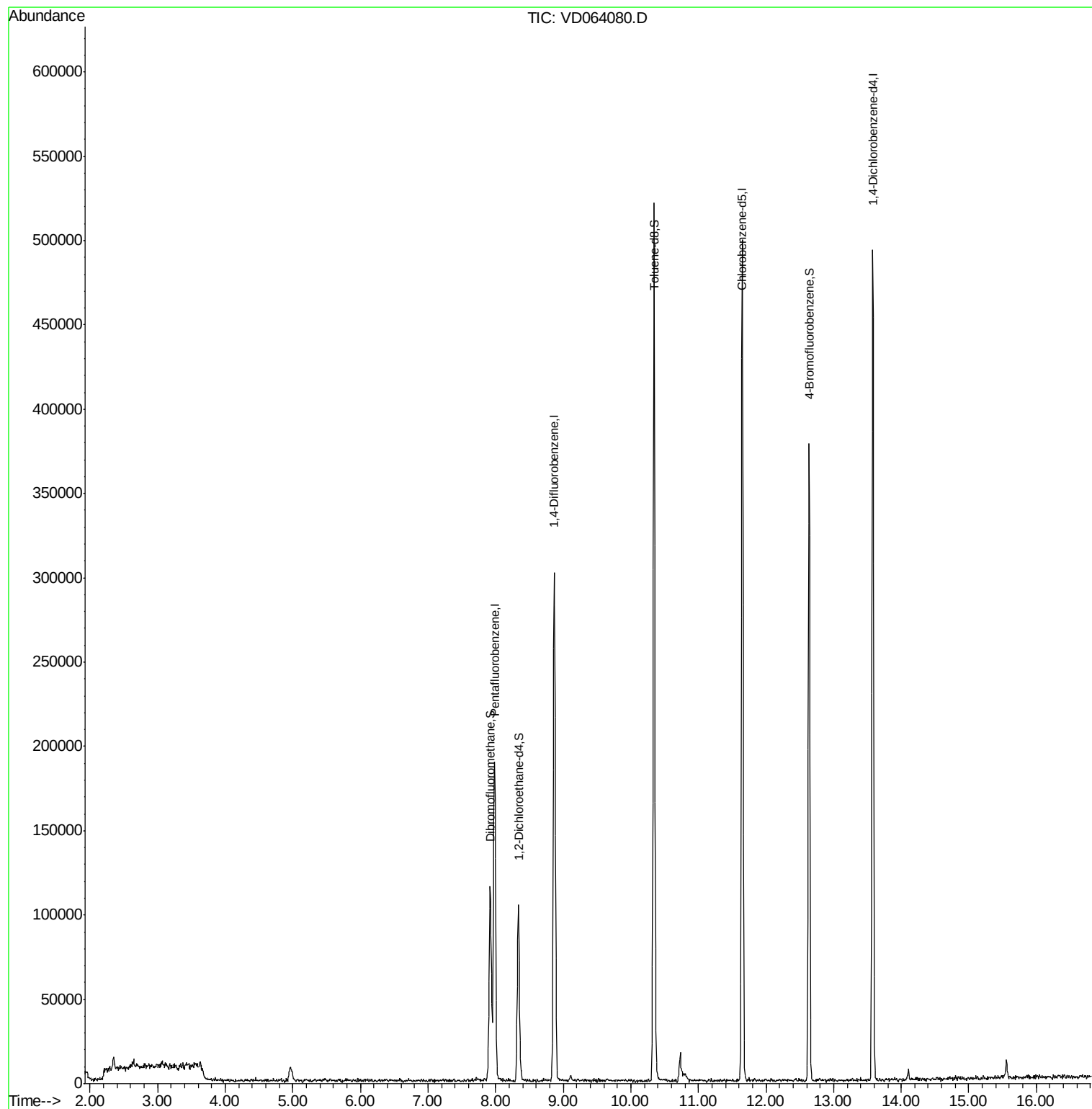
Target Compounds Qvalue

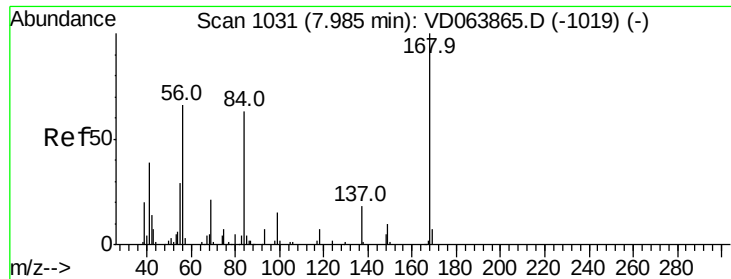
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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ClientSampleId :

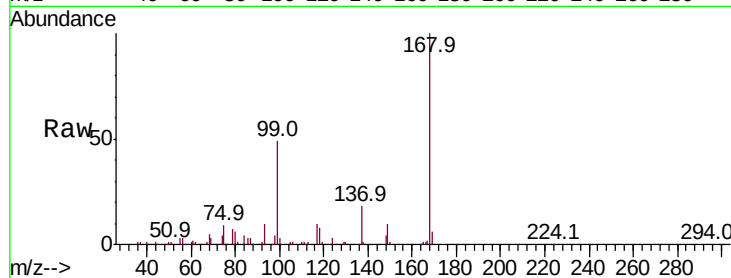
200-06-(1.2)

Tot Ion:168 Resp: 145692

Ion Ratio Lower Upper

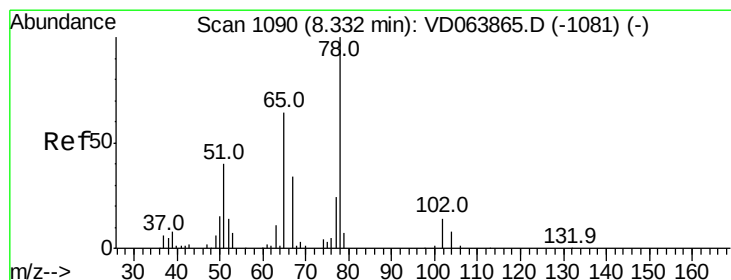
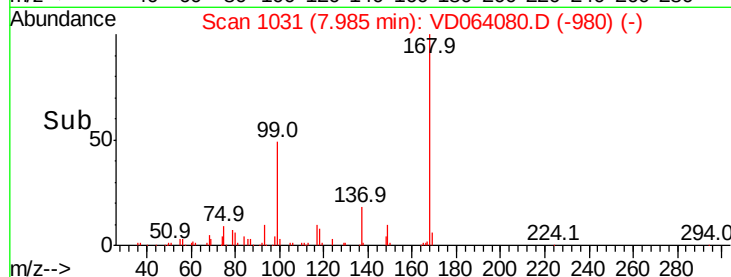
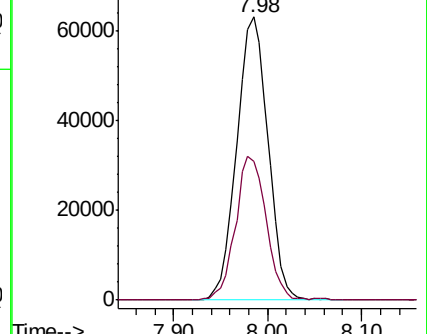
168 100

99 48.9 43.0 64.4



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: 53.363 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064080.D

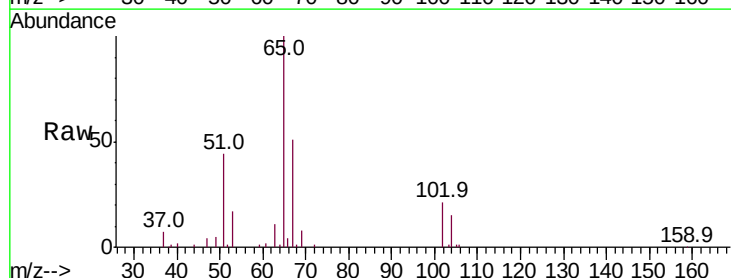
Acq: 25 Oct 2019 22:13

Tgt Ion: 65 Resp: 75692

Ion Ratio Lower Upper

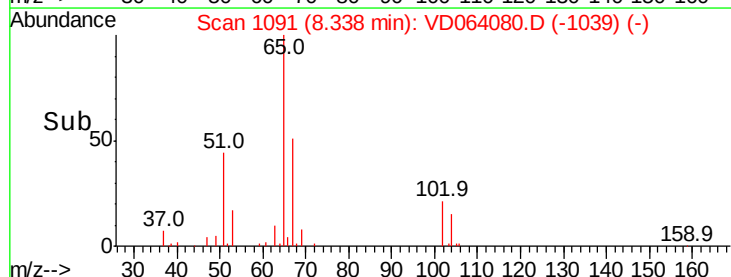
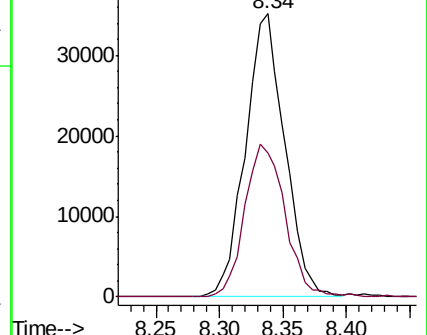
65 100

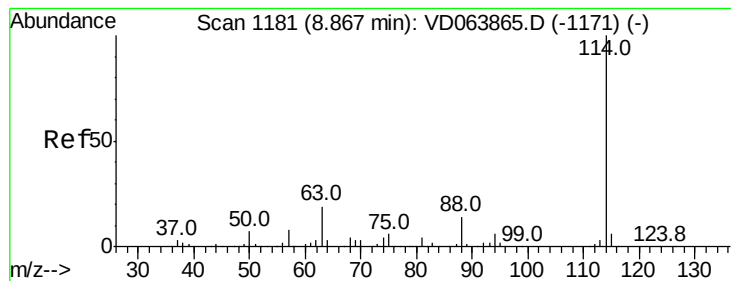
67 55.3 0.0 106.4



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: VD064080.D

Acq: 25 Oct 2019 22:13

Instrument :

MSVOA_D

ClientSampleId :

200-06-(1.2)

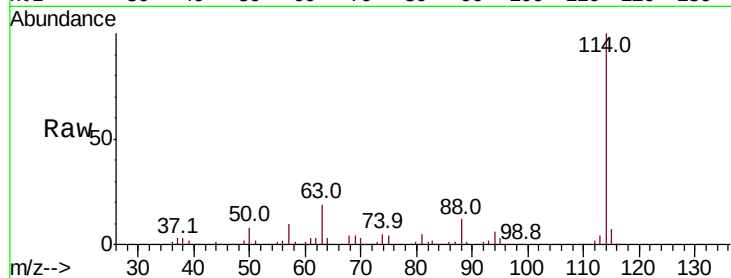
Tot Ion:114 Resp: 254838

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

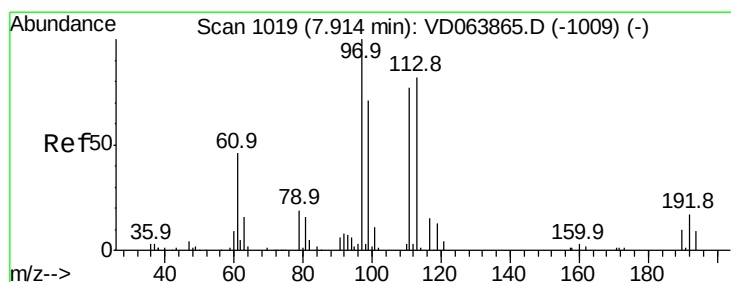
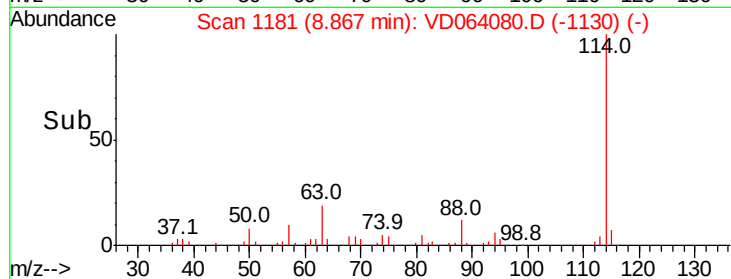
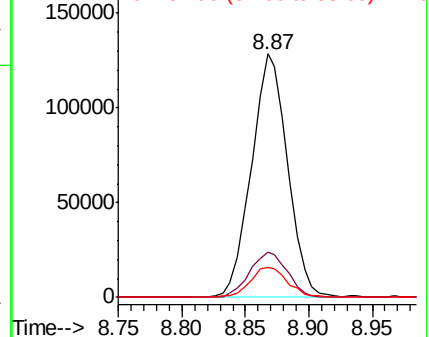
88 12.4 0.0 27.4



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: 47.506 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064080.D

Acq: 25 Oct 2019 22:13

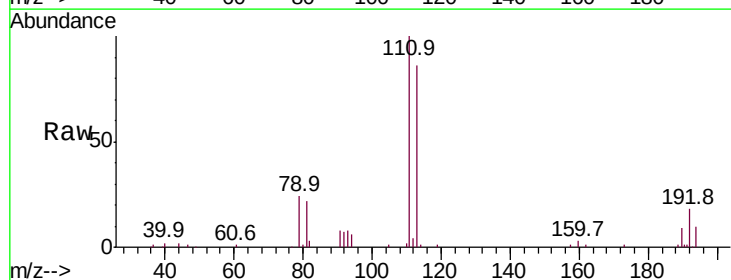
Tgt Ion:113 Resp: 73985

Ion Ratio Lower Upper

113 100

111 108.5 82.6 123.8

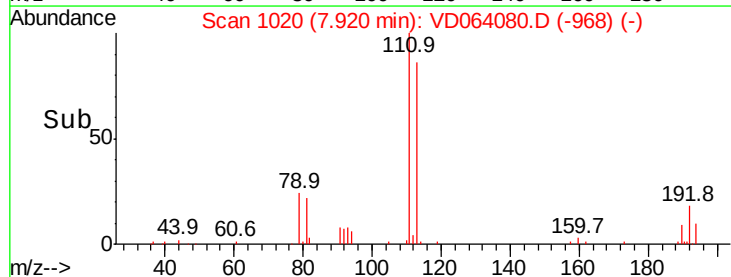
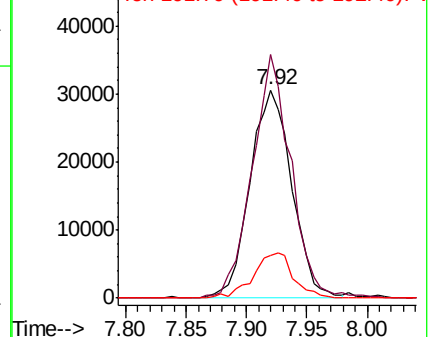
192 20.9 17.1 25.7

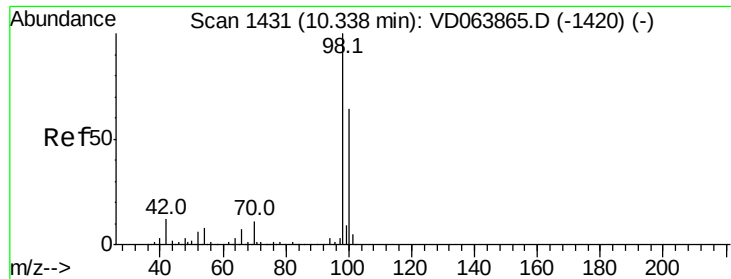


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.368 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064080.D

Acq: 25 Oct 2019 22:13

Instrument :

MSVOA_D

ClientSampleId :

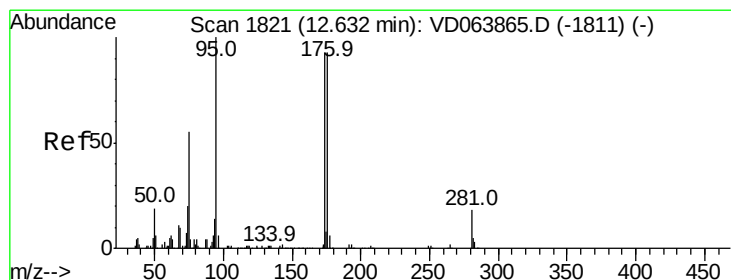
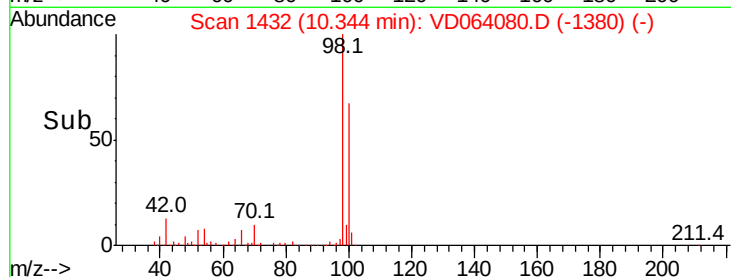
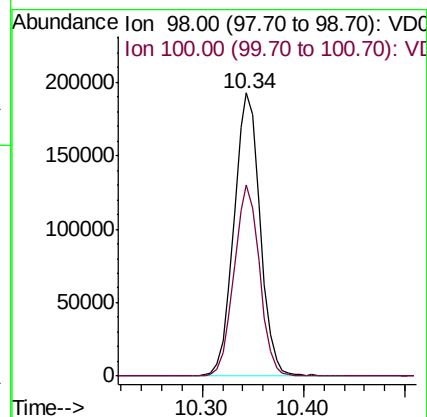
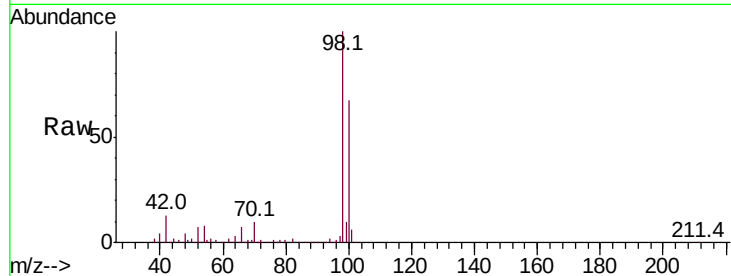
200-06-(1.2)

Tot Ion: 98 Resp: 343674

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.440 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064080.D

Acq: 25 Oct 2019 22:13

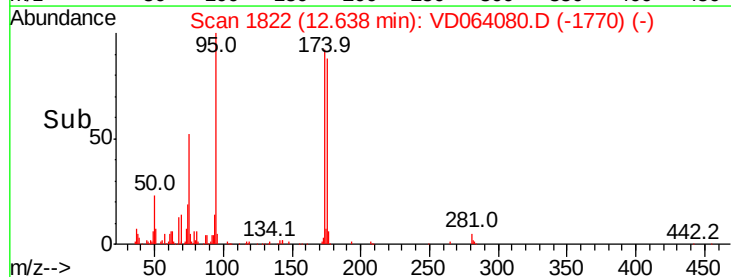
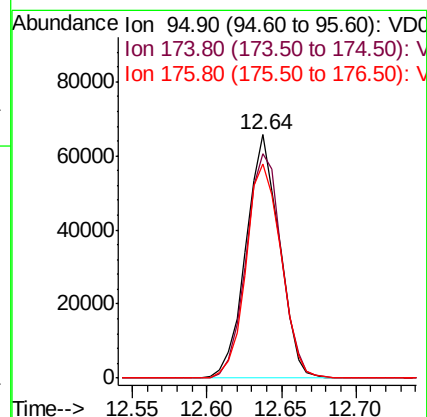
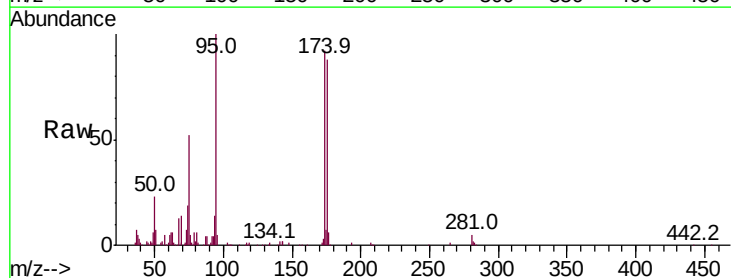
Tgt Ion: 95 Resp: 102010

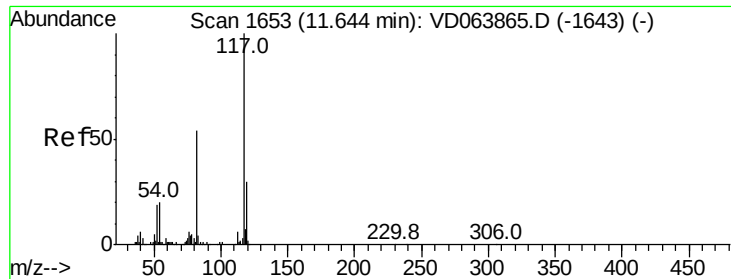
Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.4

176 92.0 0.0 184.2

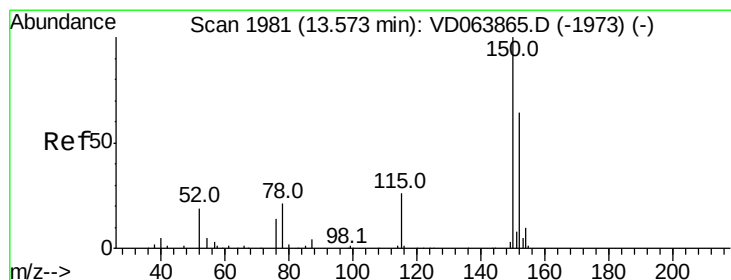
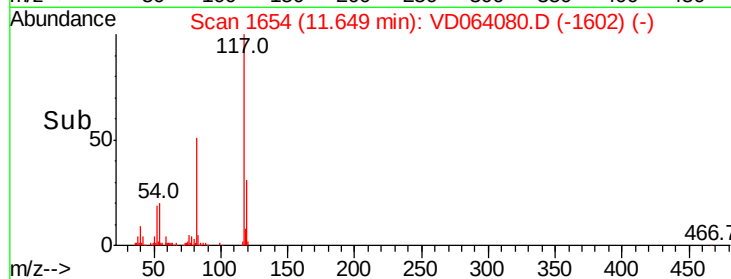
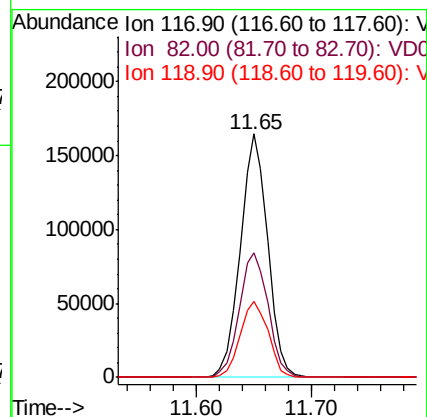
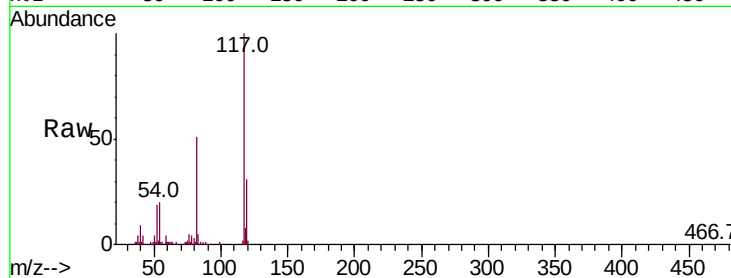




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064080.D
Acq: 25 Oct 2019 22:13

Instrument :
MSVOA_D
ClientSampleId :
200-06-(1.2)

Tot Ion:117 Resp: 269083
Ion Ratio Lower Upper
117 100
82 51.0 42.8 64.2
119 31.3 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064080.D
Acq: 25 Oct 2019 22:13

Tgt Ion:152 Resp: 123064
Ion Ratio Lower Upper
152 100
115 55.8 25.9 77.7
150 158.1 0.0 344.2

