

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064057.D
 Acq On : 24 Oct 2019 20:36
 Operator : VA/SY
 Sample : K5497-18
 Misc : 10.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 188-46-(1)

Quant Time: Oct 25 05:31:47 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	33113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	60362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	62045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	26955	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	24704	76.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.26%	
35) Dibromofluoromethane	7.93	113	20385	55.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.52%	
50) Toluene-d8	10.34	98	76906	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.64	95	23856	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	

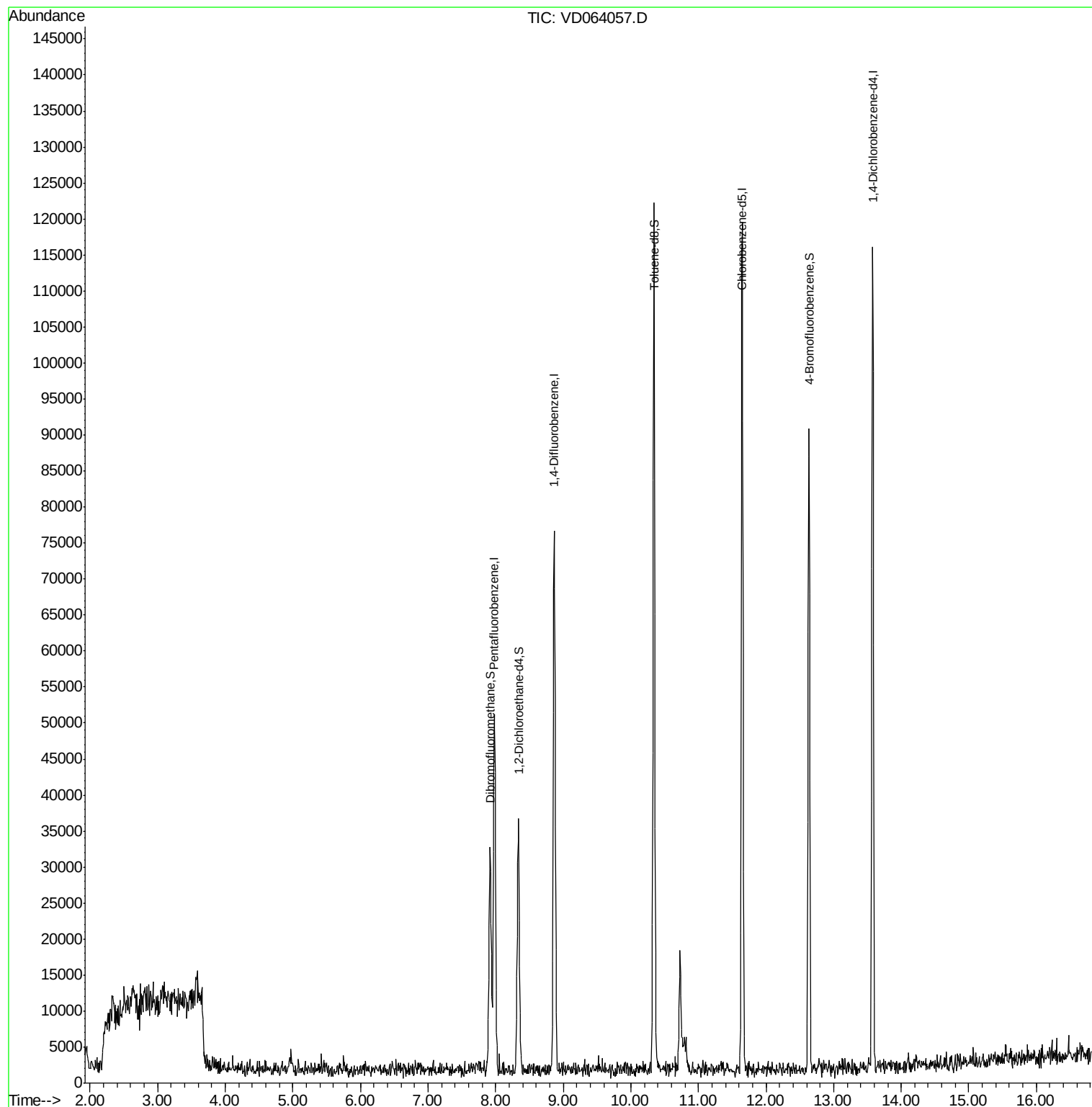
Target Compounds	Qvalue
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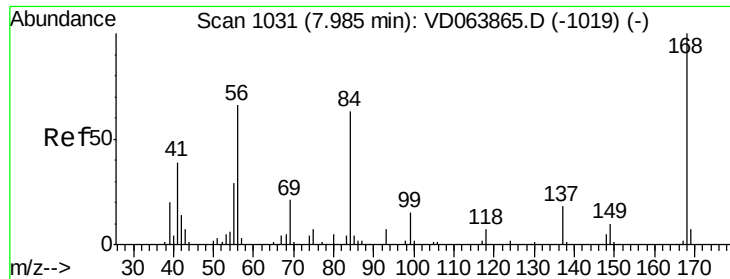
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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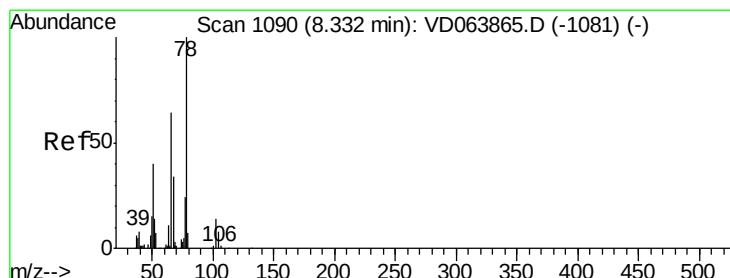
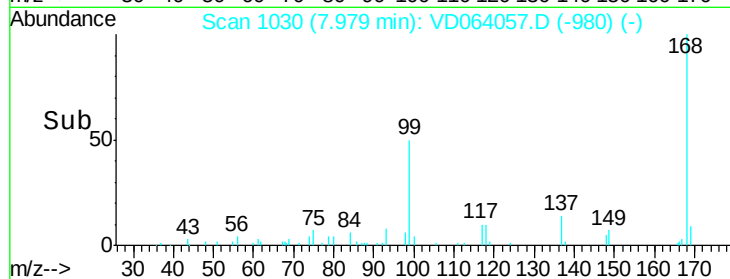
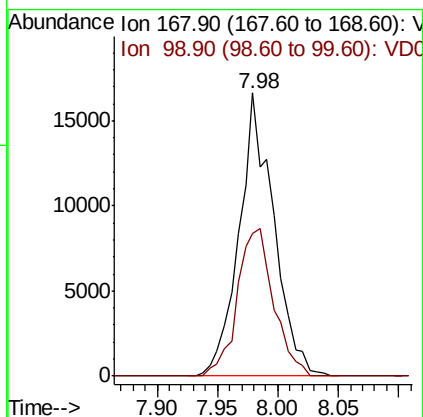
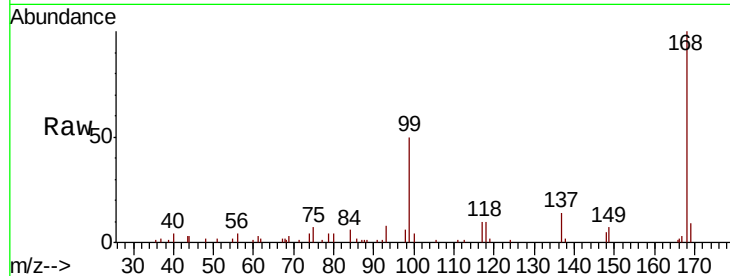




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064057.D
Acq: 24 Oct 2019 20:36

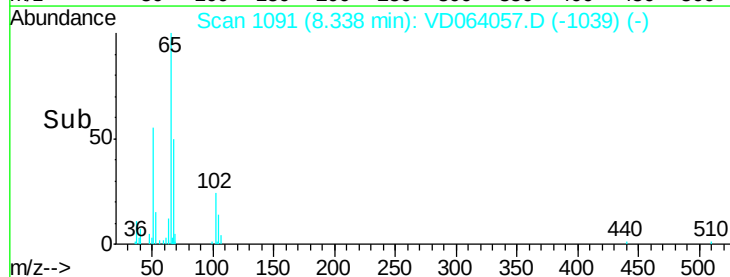
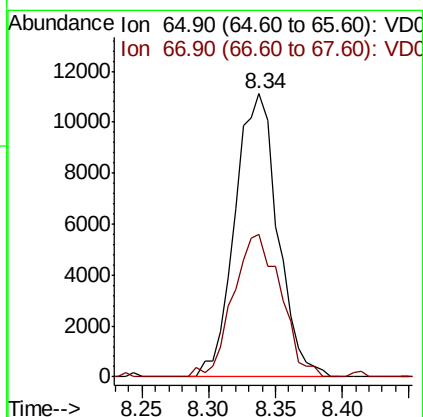
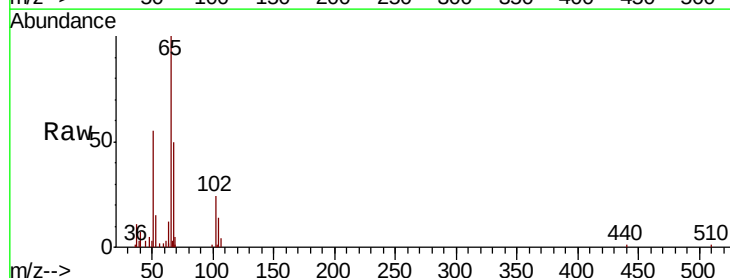
Instrument :
MSVOA_D
ClientSampleId :
188-46-(1)

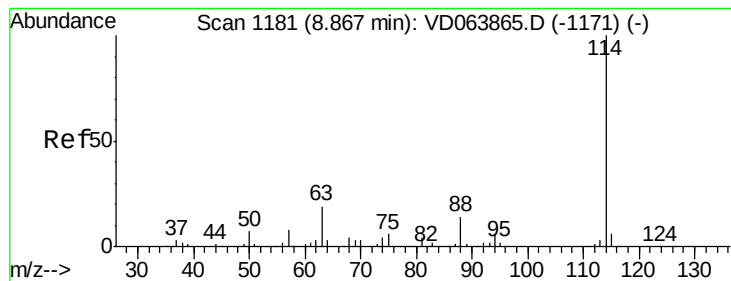
Tot Ion:168 Resp: 33113
Ion Ratio Lower Upper
168 100
99 50.2 43.0 64.4



#33
1,2-Dichloroethane-d4
Concen: 76.630 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064057.D
Acq: 24 Oct 2019 20:36

Tgt Ion: 65 Resp: 24704
Ion Ratio Lower Upper
65 100
67 56.0 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064057.D

Acq: 24 Oct 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

188-46-(1)

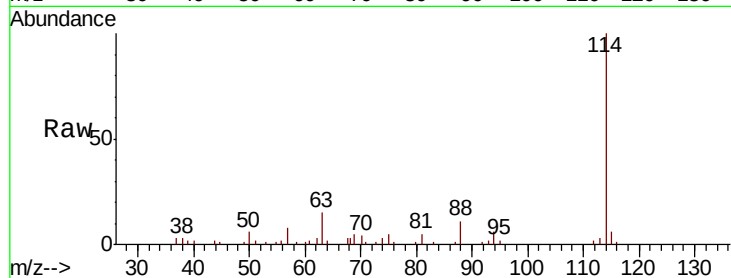
Tot Ion:114 Resp: 60362

Ion Ratio Lower Upper

114 100

63 15.4 0.0 38.4

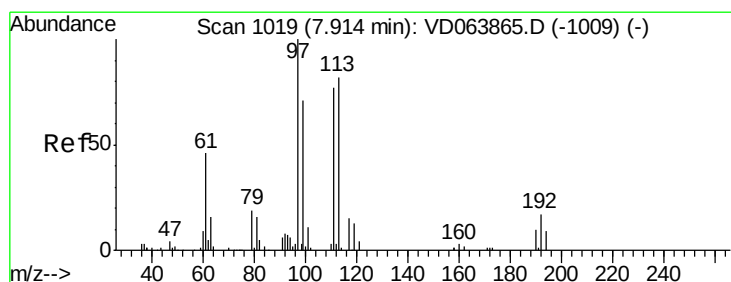
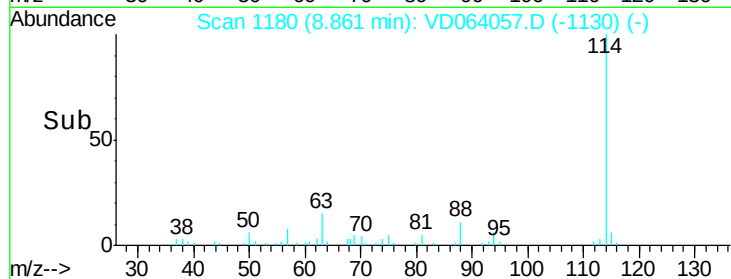
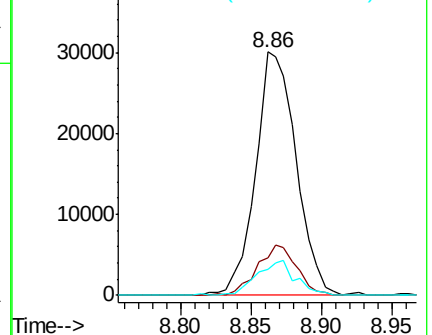
88 10.7 0.0 27.4



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: 55.260 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064057.D

Acq: 24 Oct 2019 20:36

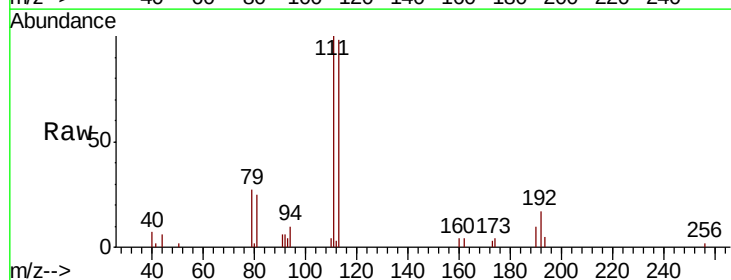
Tgt Ion:113 Resp: 20385

Ion Ratio Lower Upper

113 100

111 106.0 82.6 123.8

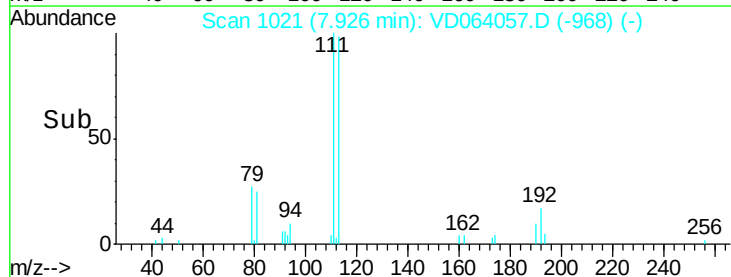
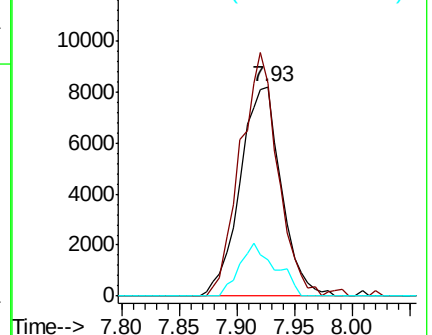
192 22.0 17.1 25.7

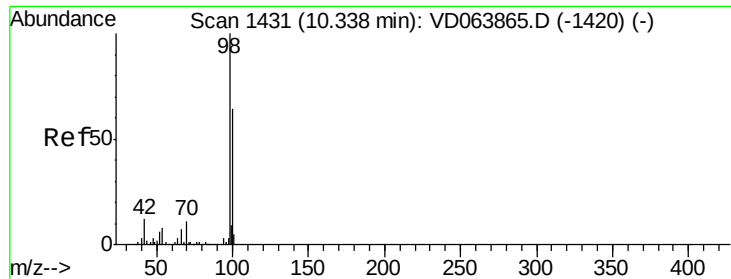


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.364 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064057.D

Acq: 24 Oct 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

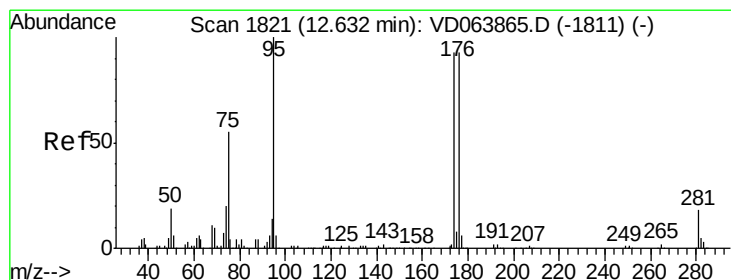
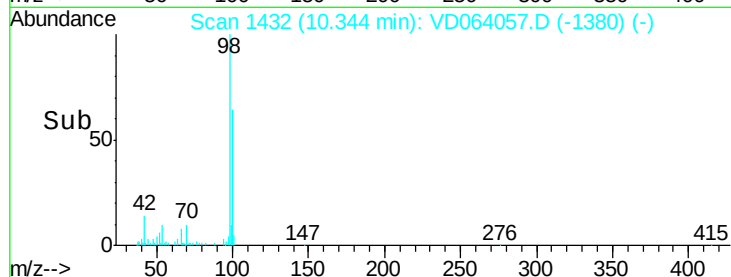
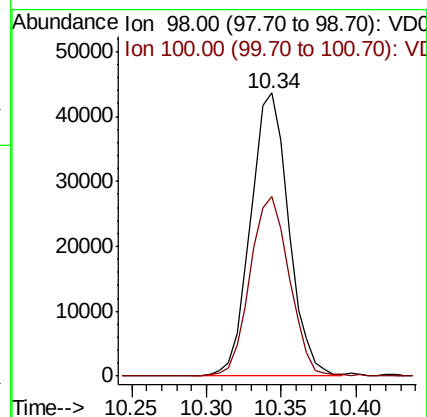
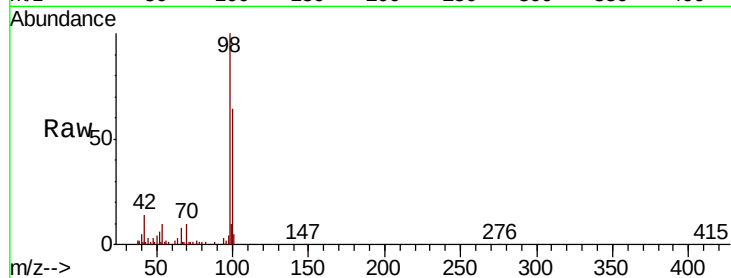
188-46-(1)

Tot Ion: 98 Resp: 76906

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.850 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064057.D

Acq: 24 Oct 2019 20:36

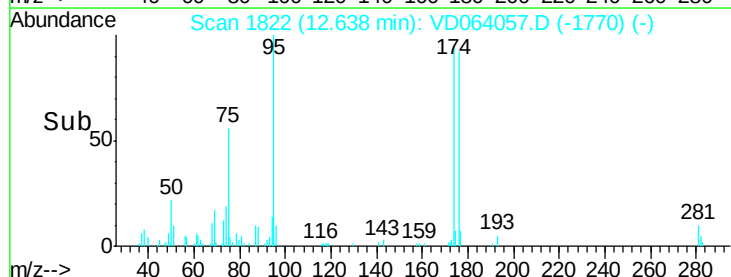
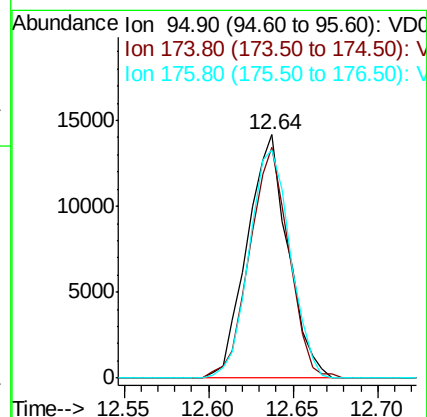
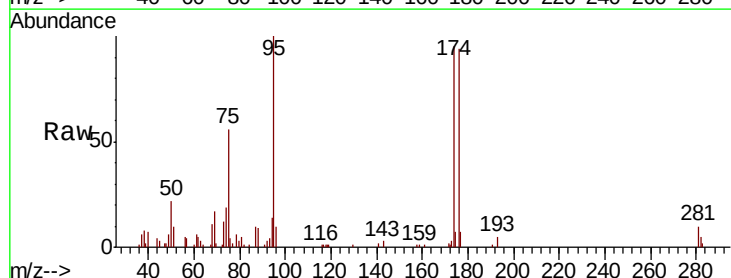
Tgt Ion: 95 Resp: 23856

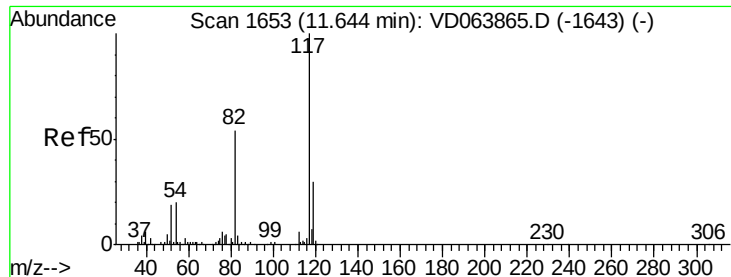
Ion Ratio Lower Upper

95 100

174 90.6 0.0 186.4

176 94.3 0.0 184.2

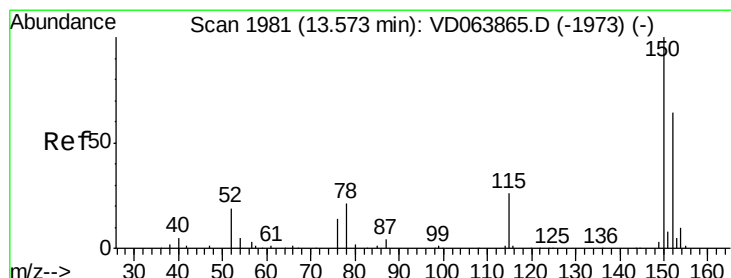
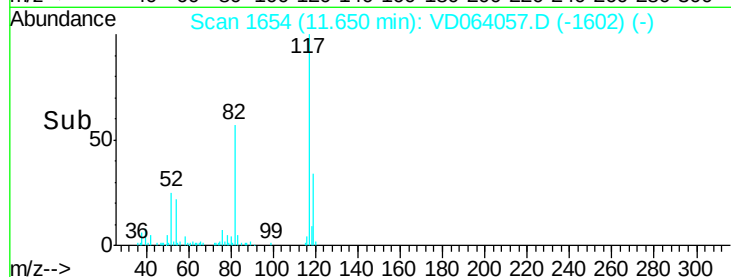
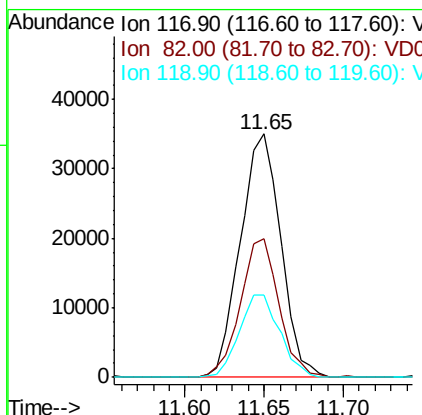
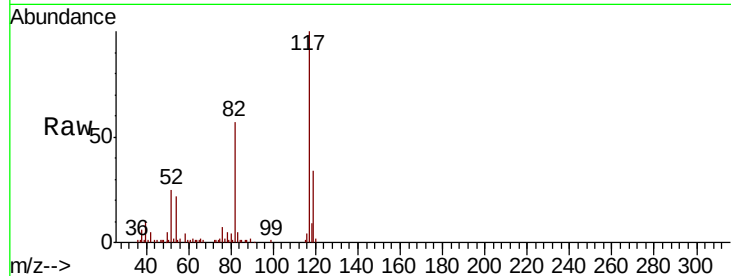




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064057.D
Acq: 24 Oct 2019 20:36

Instrument :
MSVOA_D
ClientSampleId :
188-46-(1)

Tot Ion:117 Resp: 62045
Ion Ratio Lower Upper
117 100
82 57.2 42.8 64.2
119 33.6 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: VD064057.D
Acq: 24 Oct 2019 20:36

Tgt Ion:152 Resp: 26955
Ion Ratio Lower Upper
152 100
115 58.2 25.9 77.7
150 164.4 0.0 344.2

