

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064055.D
 Acq On : 24 Oct 2019 19:39
 Operator : VA/SY
 Sample : K5497-14
 Misc : 4.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 167-00-(1)

Quant Time: Oct 25 05:28:46 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	7.99	168	136499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	248779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	78174	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	
35) Dibromofluoromethane	7.92	113	75989	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.34	98	338023	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.63	95	95387	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	

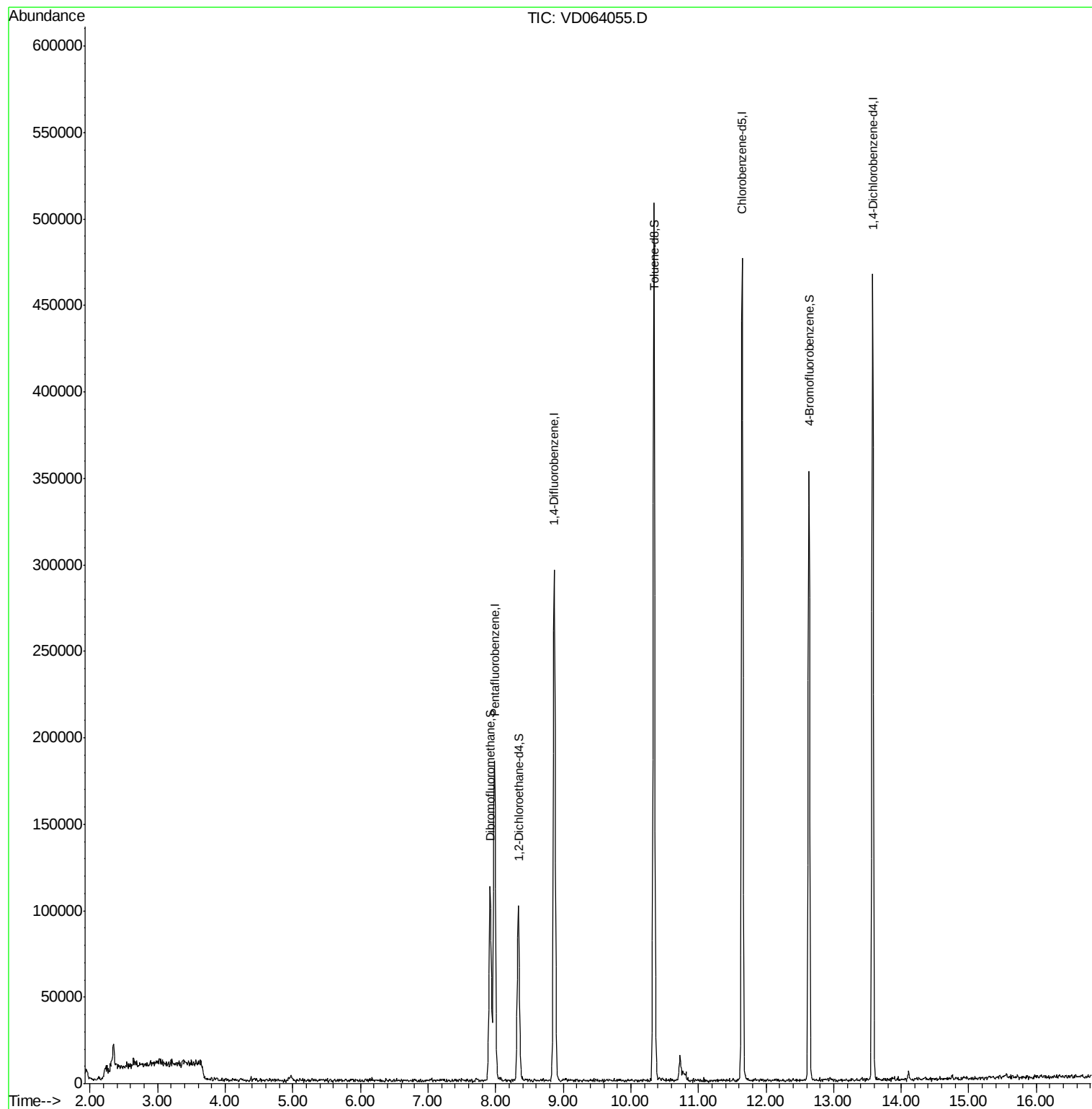
Target Compounds	Qvalue
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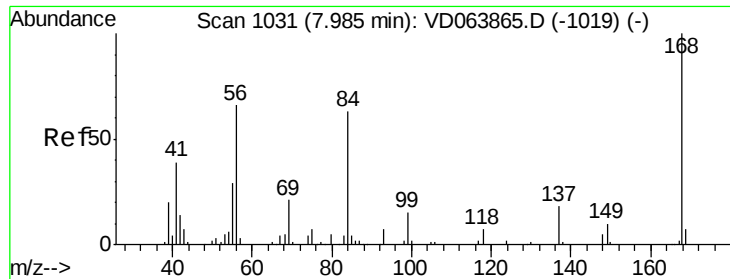
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064055.D

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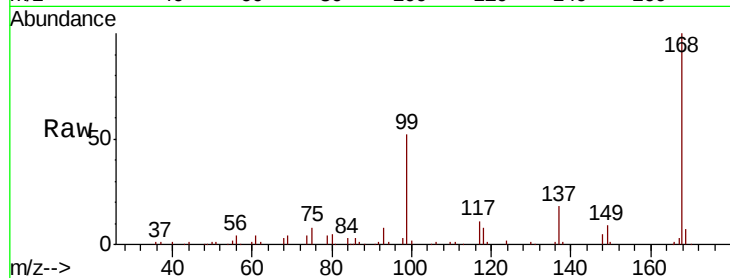
Instrument :
MSVOA_D
ClientSampleId :
167-00-(1)

Tot Ion:168 Resp: 136499

Ion Ratio Lower Upper

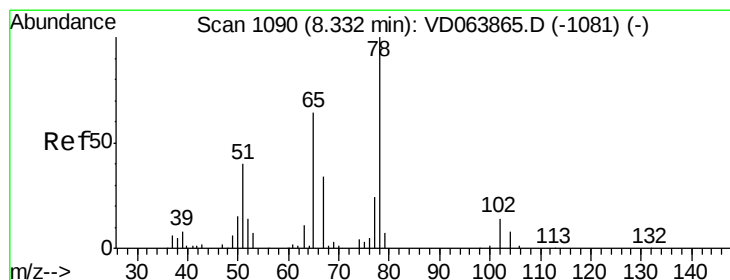
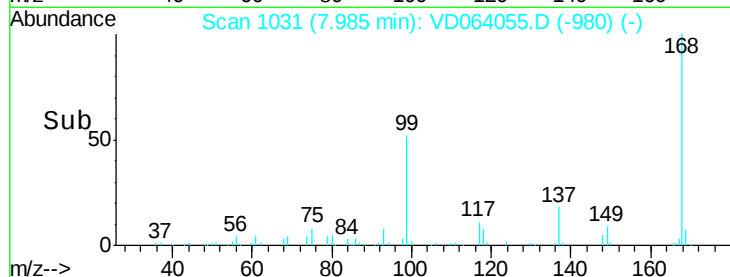
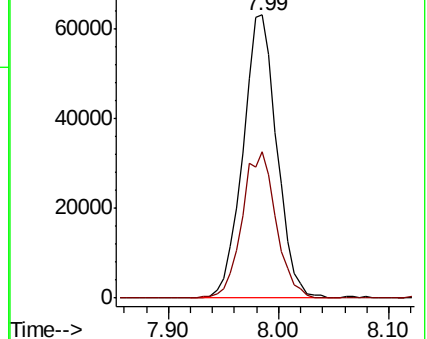
168 100

99 51.6 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: 58.825 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064055.D

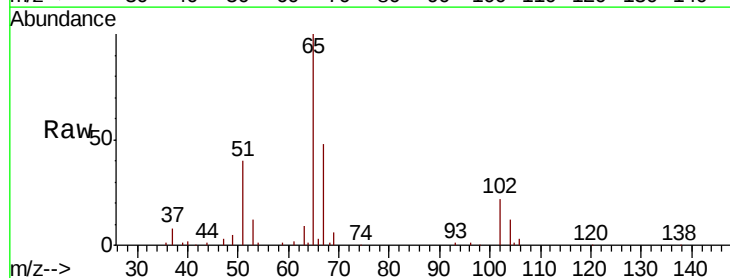
Acq: 24 Oct 2019 19:39

Tgt Ion: 65 Resp: 78174

Ion Ratio Lower Upper

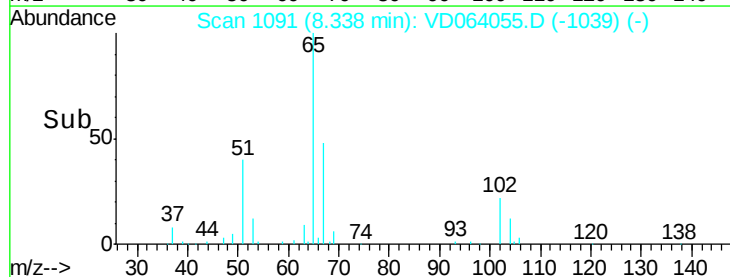
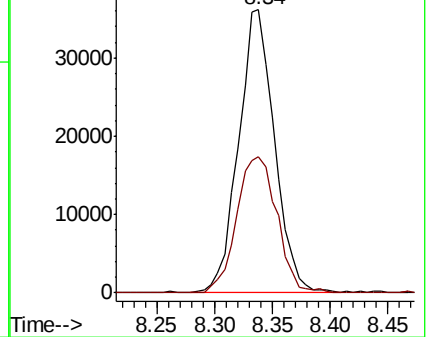
65 100

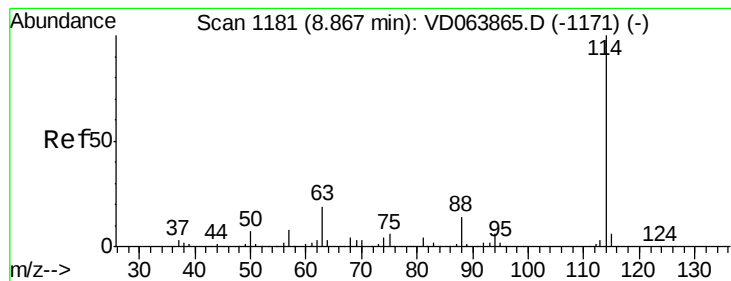
67 53.9 0.0 106.4



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: VD064055.D

Acq: 24 Oct 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

167-00-(1)

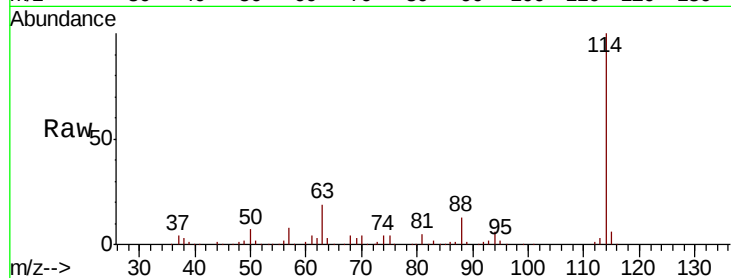
Tot Ion:114 Resp: 248779

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

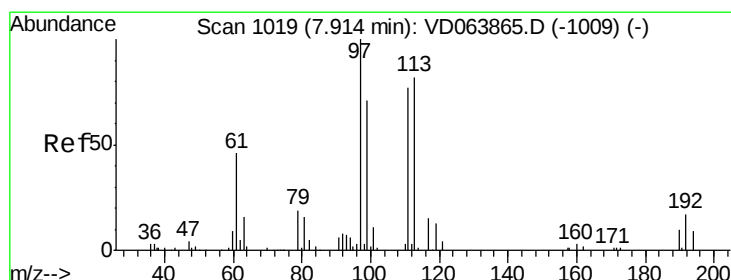
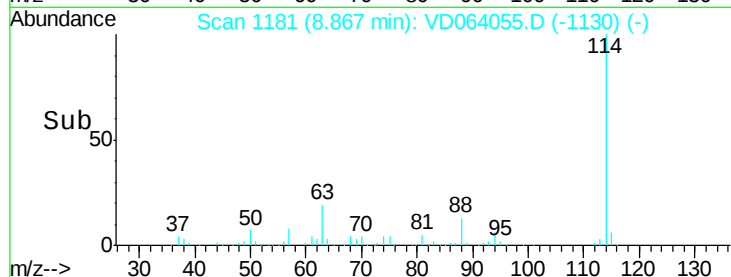
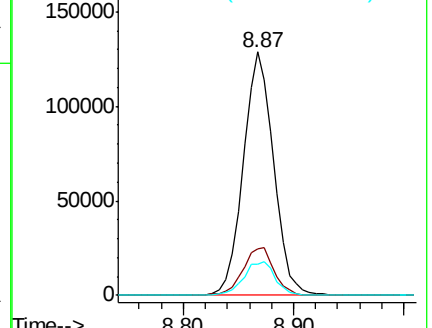
88 13.0 0.0 27.4



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: 49.981 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064055.D

Acq: 24 Oct 2019 19:39

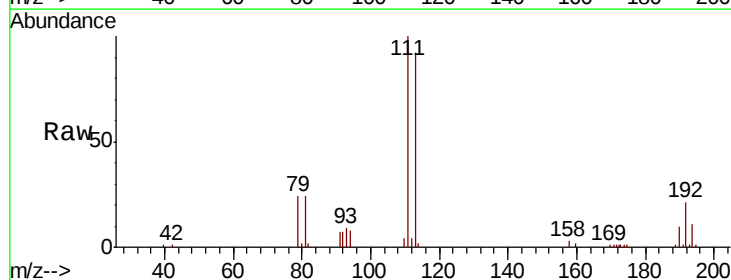
Tgt Ion:113 Resp: 75989

Ion Ratio Lower Upper

113 100

111 106.3 82.6 123.8

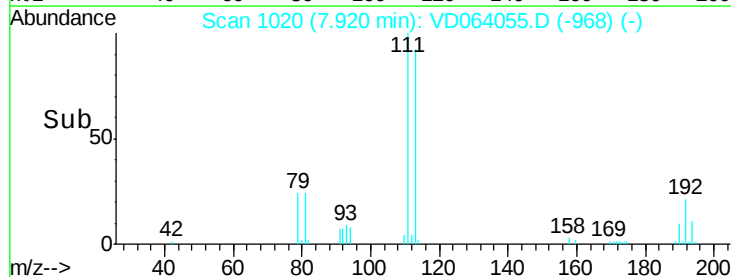
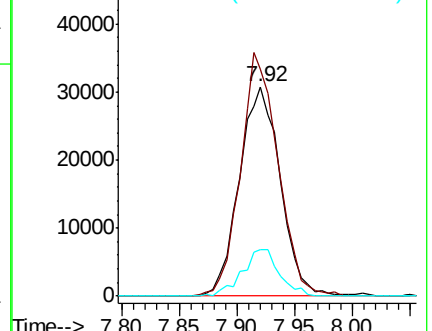
192 20.3 17.1 25.7

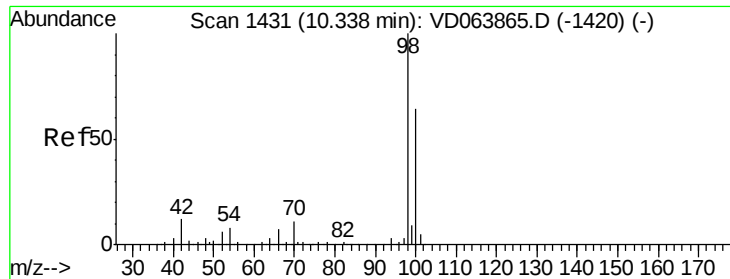


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.777 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064055.D

Acq: 24 Oct 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

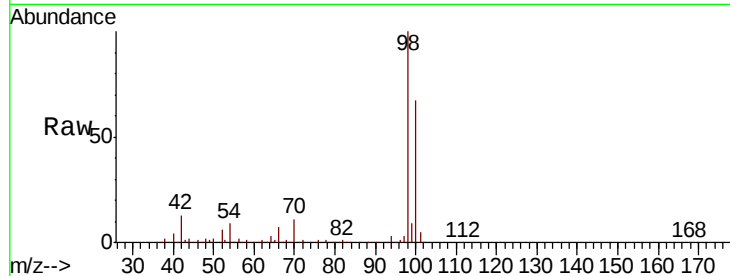
167-00-(1)

Tot Ion: 98 Resp: 338023

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

150000

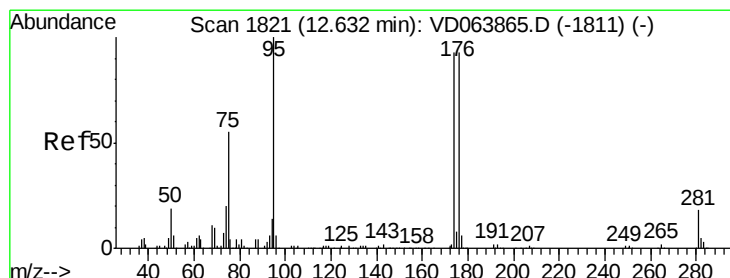
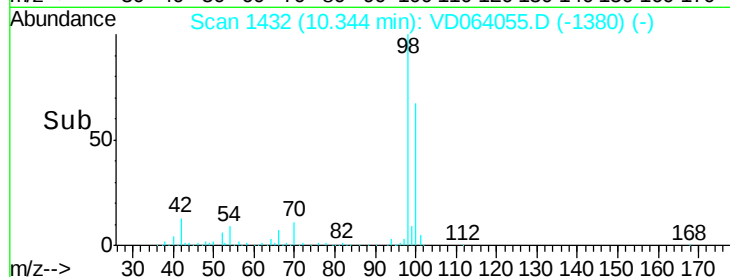
100000

50000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 44.482 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD064055.D

Acq: 24 Oct 2019 19:39

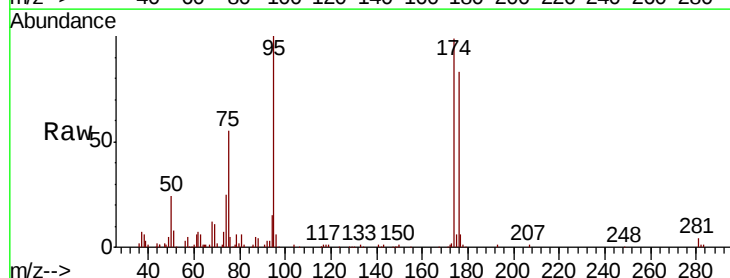
Tgt Ion: 95 Resp: 95387

Ion Ratio Lower Upper

95 100

174 100.3 0.0 186.4

176 93.3 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.63

80000

60000

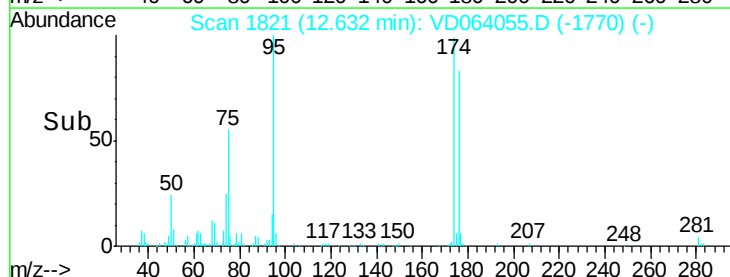
40000

20000

0

Time-->

12.55 12.60 12.65 12.70

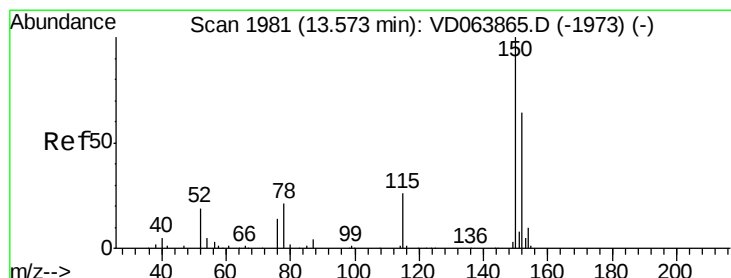
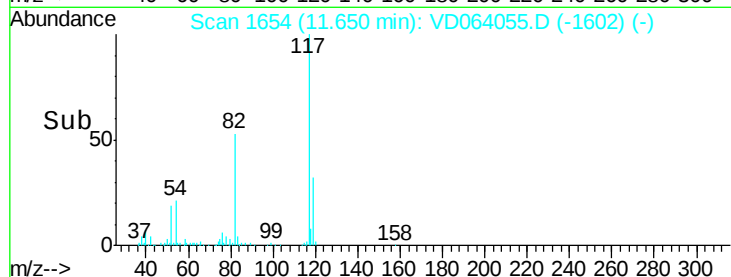
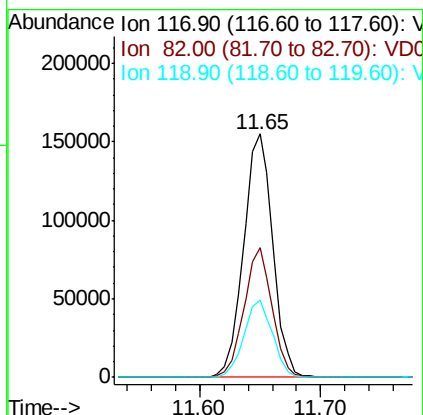
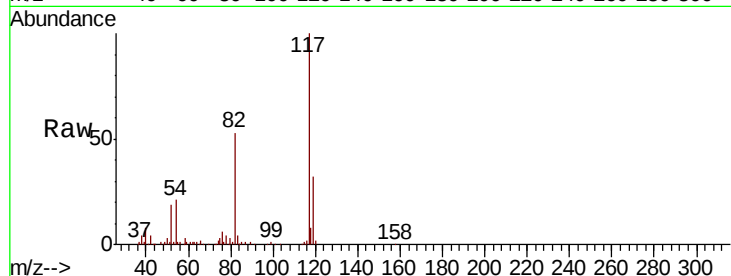




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064055.D
Acq: 24 Oct 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
167-00-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	31.5	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: VD064055.D
Acq: 24 Oct 2019 19:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	25.9	77.7
150	165.7	0.0	344.2

