

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064033.D
 Acq On : 23 Oct 2019 21:01
 Operator : VA/SY
 Sample : K5501-02
 Misc : 4.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 187-88-(2)

Quant Time: Oct 24 07:01:52 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	127269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	273013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	125309	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	81583	65.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.68%	
35) Dibromofluoromethane	7.92	113	77624	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.34	98	366554	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
62) 4-Bromofluorobenzene	12.64	95	107853	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

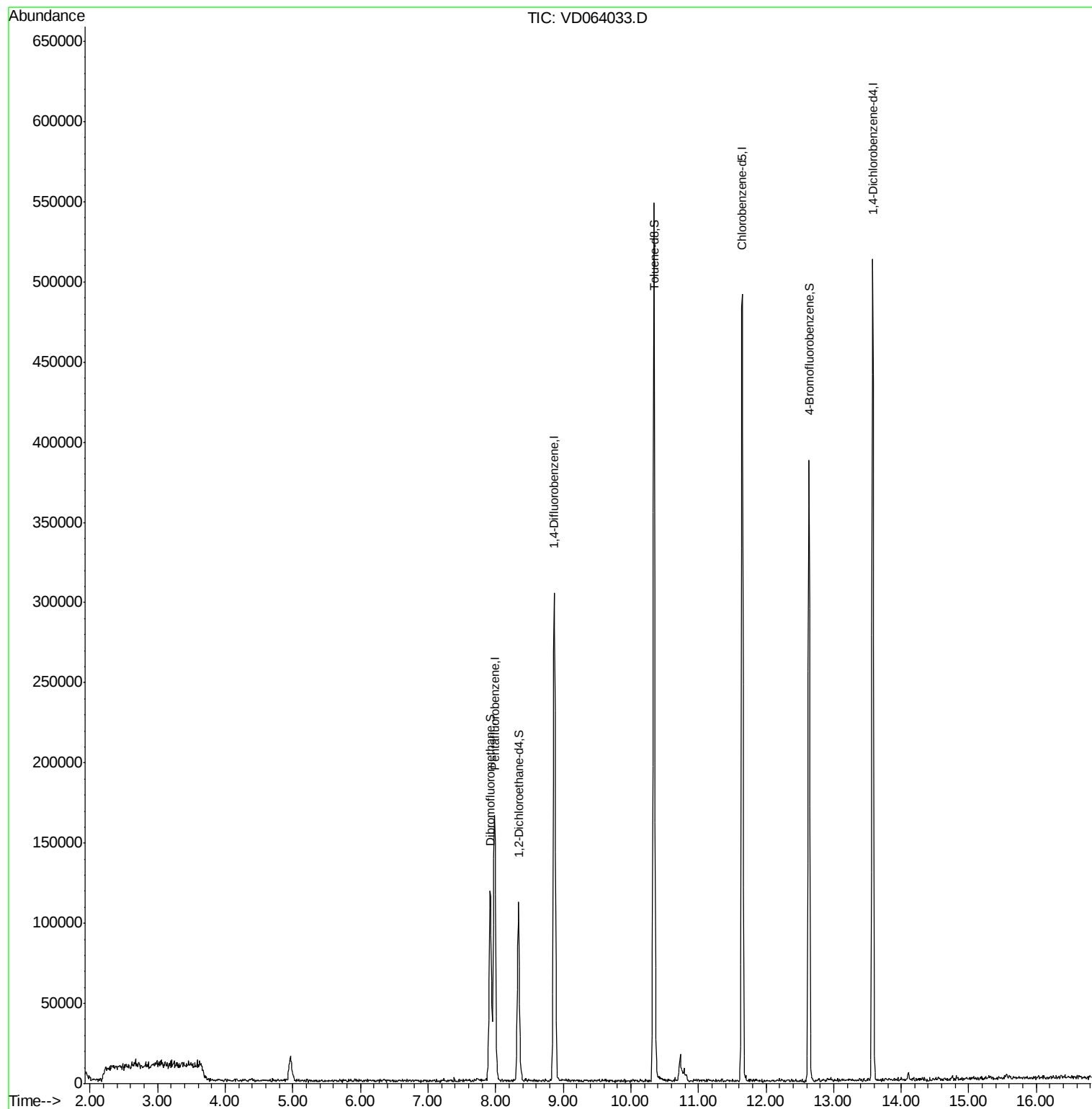
Target Compounds	Qvalue
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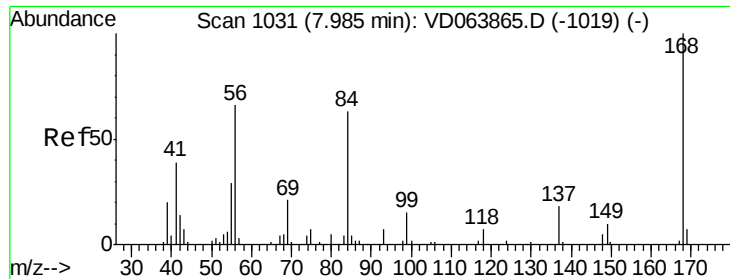
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064033.D

Acq: 23 Oct 2019 21:01

Instrument :

MSVOA_D

ClientSampleId :

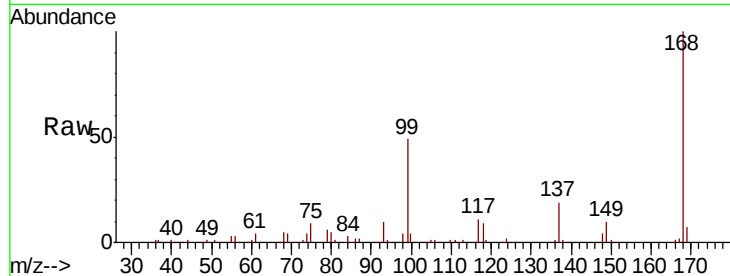
187-88-(2)

Tot Ion:168 Resp: 127269

Ion Ratio Lower Upper

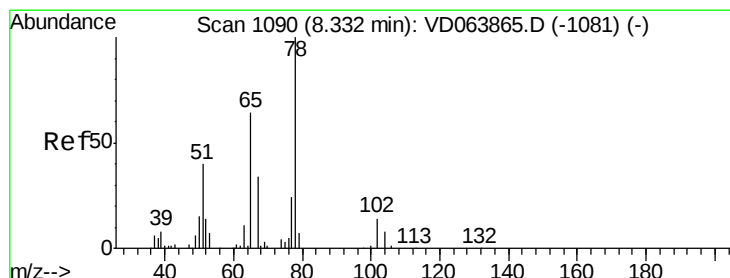
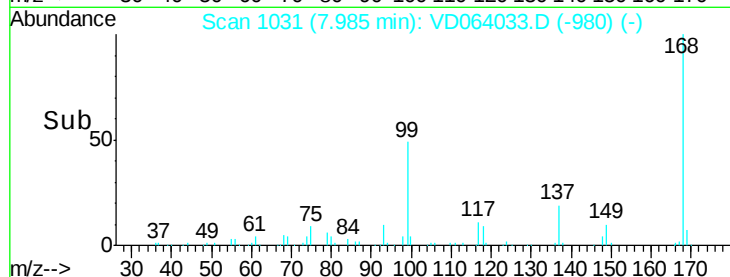
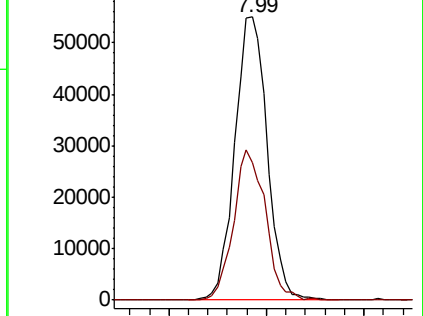
168 100

99 48.7 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: 65.843 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064033.D

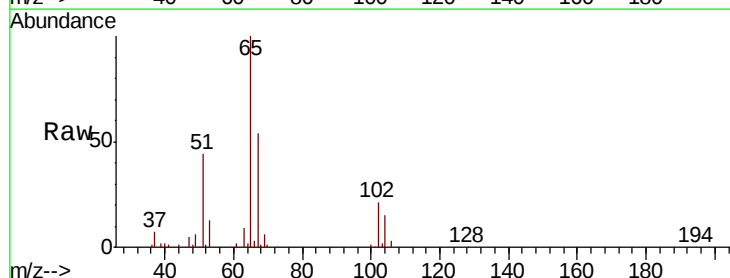
Acq: 23 Oct 2019 21:01

Tgt Ion: 65 Resp: 81583

Ion Ratio Lower Upper

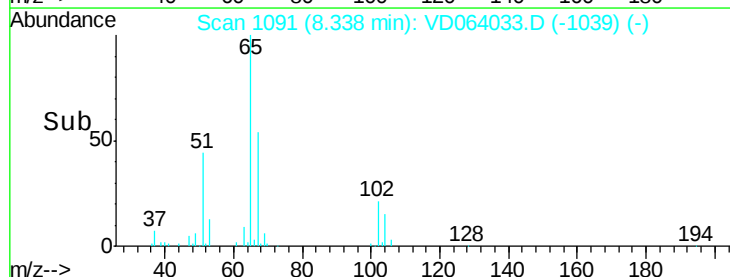
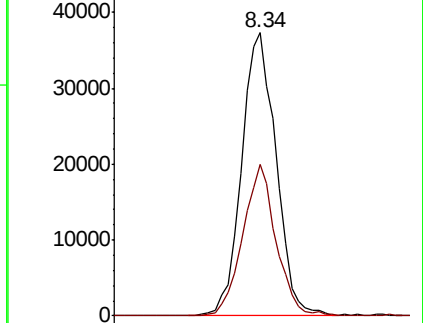
65 100

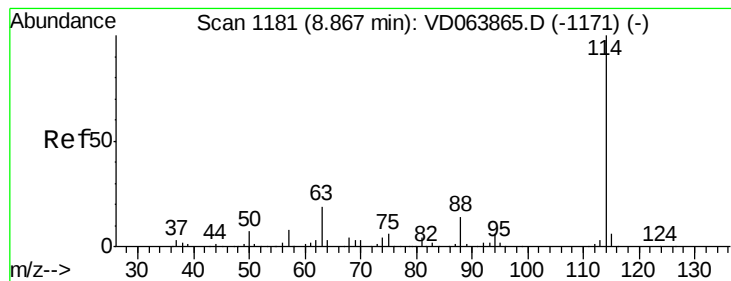
67 51.7 0.0 106.4



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: VD064033.D

Acq: 23 Oct 2019 21:01

Instrument :

MSVOA_D

ClientSampleId :

187-88-(2)

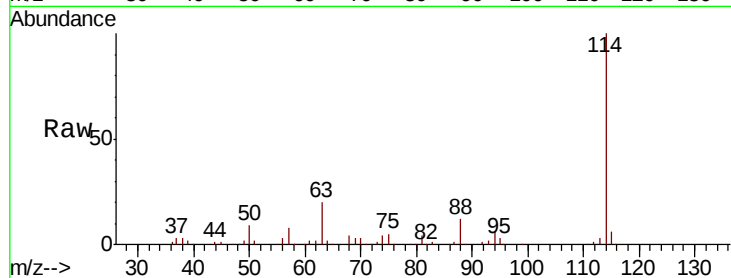
Tot Ion:114 Resp: 258121

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

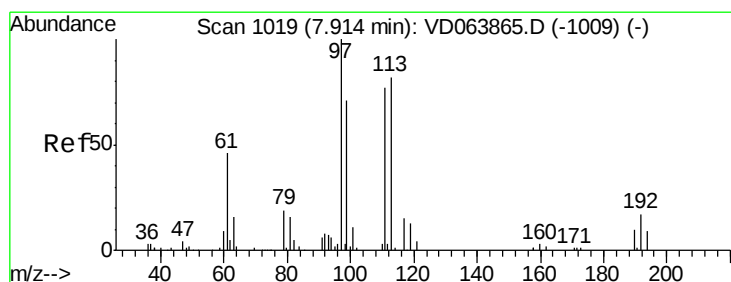
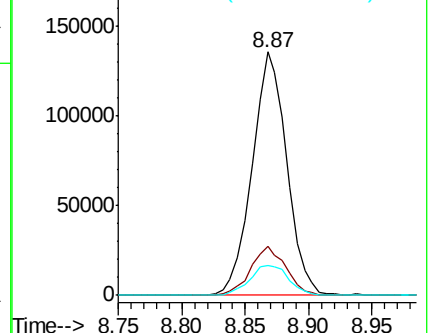
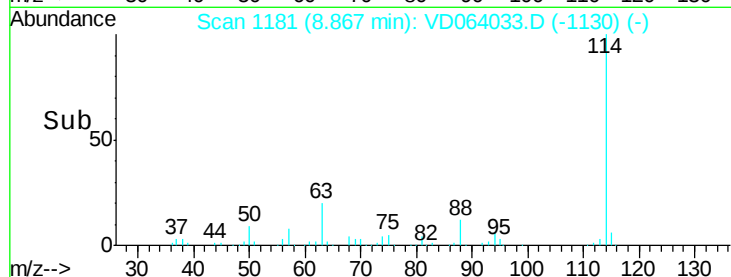
88 12.4 0.0 27.4



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: 49.208 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064033.D

Acq: 23 Oct 2019 21:01

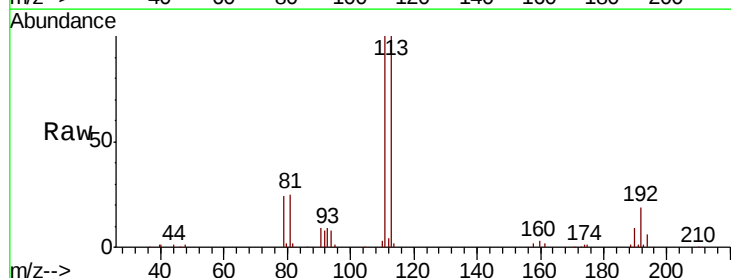
Tgt Ion:113 Resp: 77624

Ion Ratio Lower Upper

113 100

111 110.6 82.6 123.8

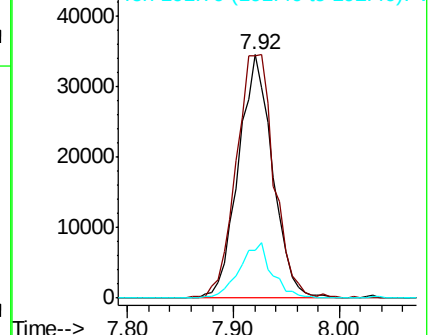
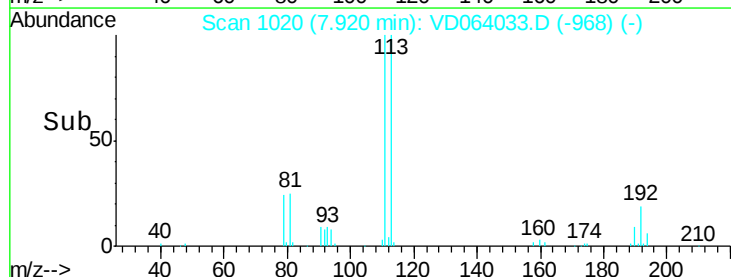
192 21.4 17.1 25.7

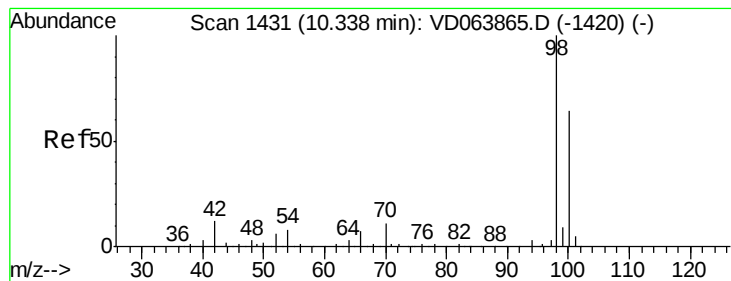


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.250 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064033.D

Acq: 23 Oct 2019 21:01

Instrument :

MSVOA_D

ClientSampleId :

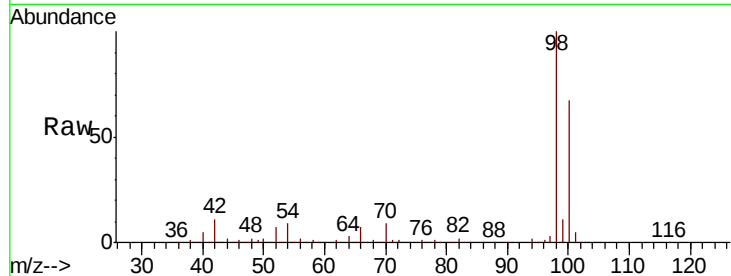
187-88-(2)

Tot Ion: 98 Resp: 366554

Ion Ratio Lower Upper

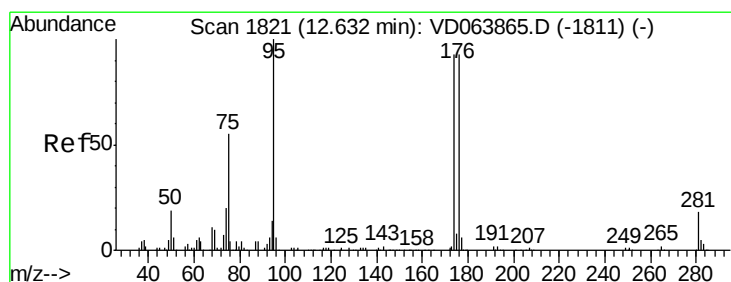
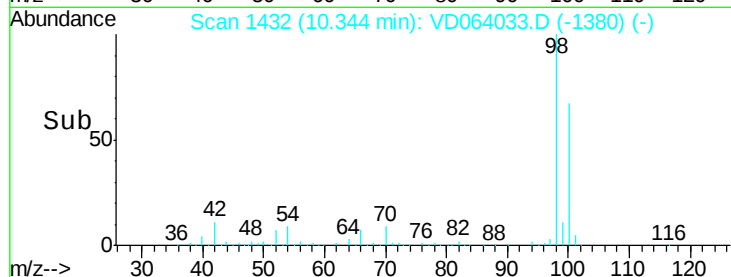
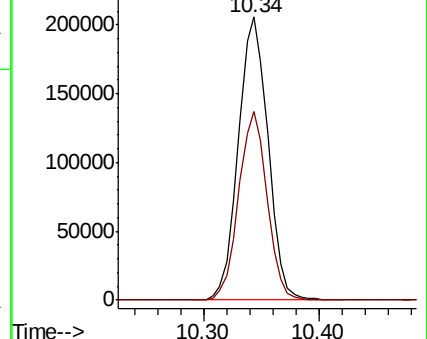
98 100

100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.475 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064033.D

Acq: 23 Oct 2019 21:01

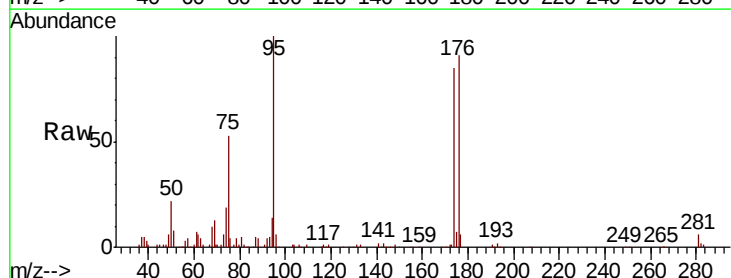
Tgt Ion: 95 Resp: 107853

Ion Ratio Lower Upper

95 100

174 92.2 0.0 186.4

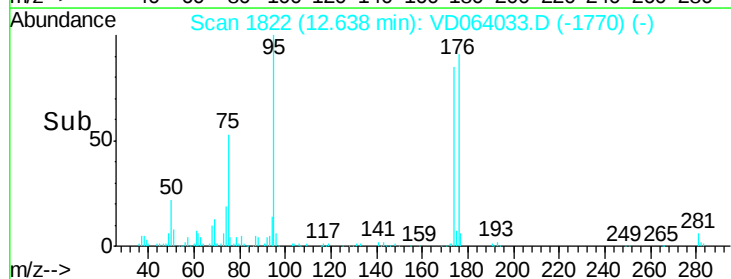
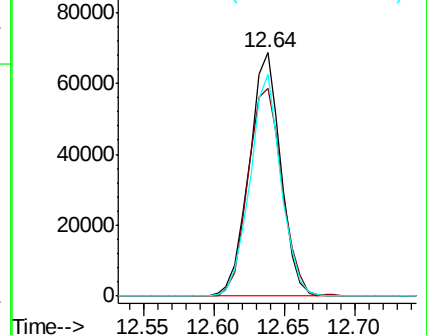
176 89.5 0.0 184.2



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

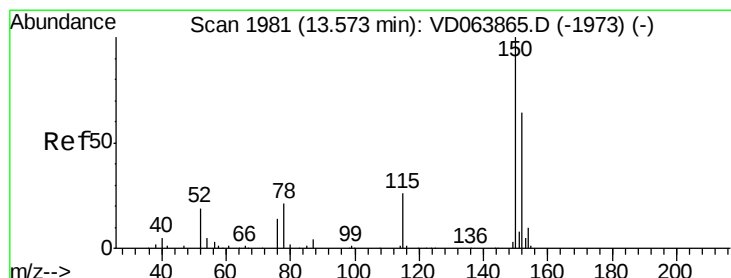
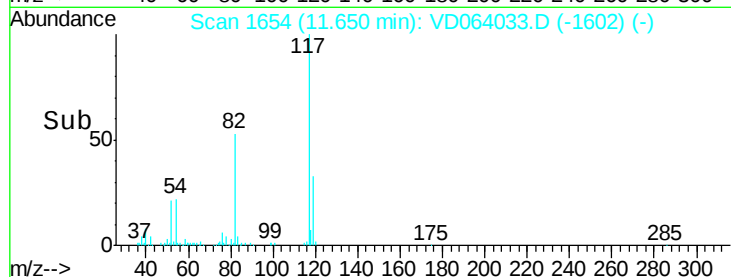
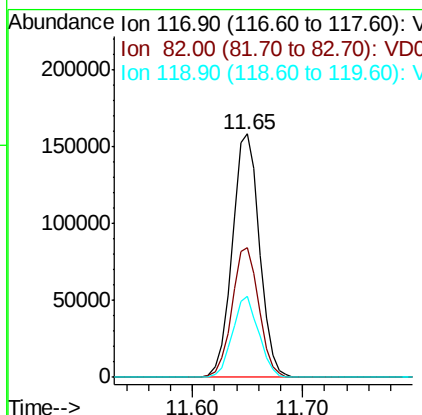
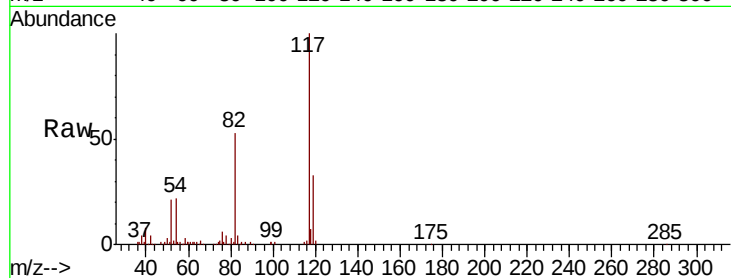




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064033.D
Acq: 23 Oct 2019 21:01

Instrument :
MSVOA_D
ClientSampleId :
187-88-(2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	33.3	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: VD064033.D
Acq: 23 Oct 2019 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	25.9	77.7
150	161.4	0.0	344.2

