

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064011.D
 Acq On : 18 Oct 2019 15:22
 Operator : VA/SY
 Sample : K5420-07RE
 Misc : 7.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Quant Time: Oct 19 02:59:14 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	149268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	294988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142014	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	97087	66.81	ug/l	0.00
Spiked Amount			Recovery	=	133.62%	
35) Dibromofluoromethane	7.92	113	90039	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.34	98	406442	55.55	ug/l	0.00
Spiked Amount			Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.64	95	117504	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

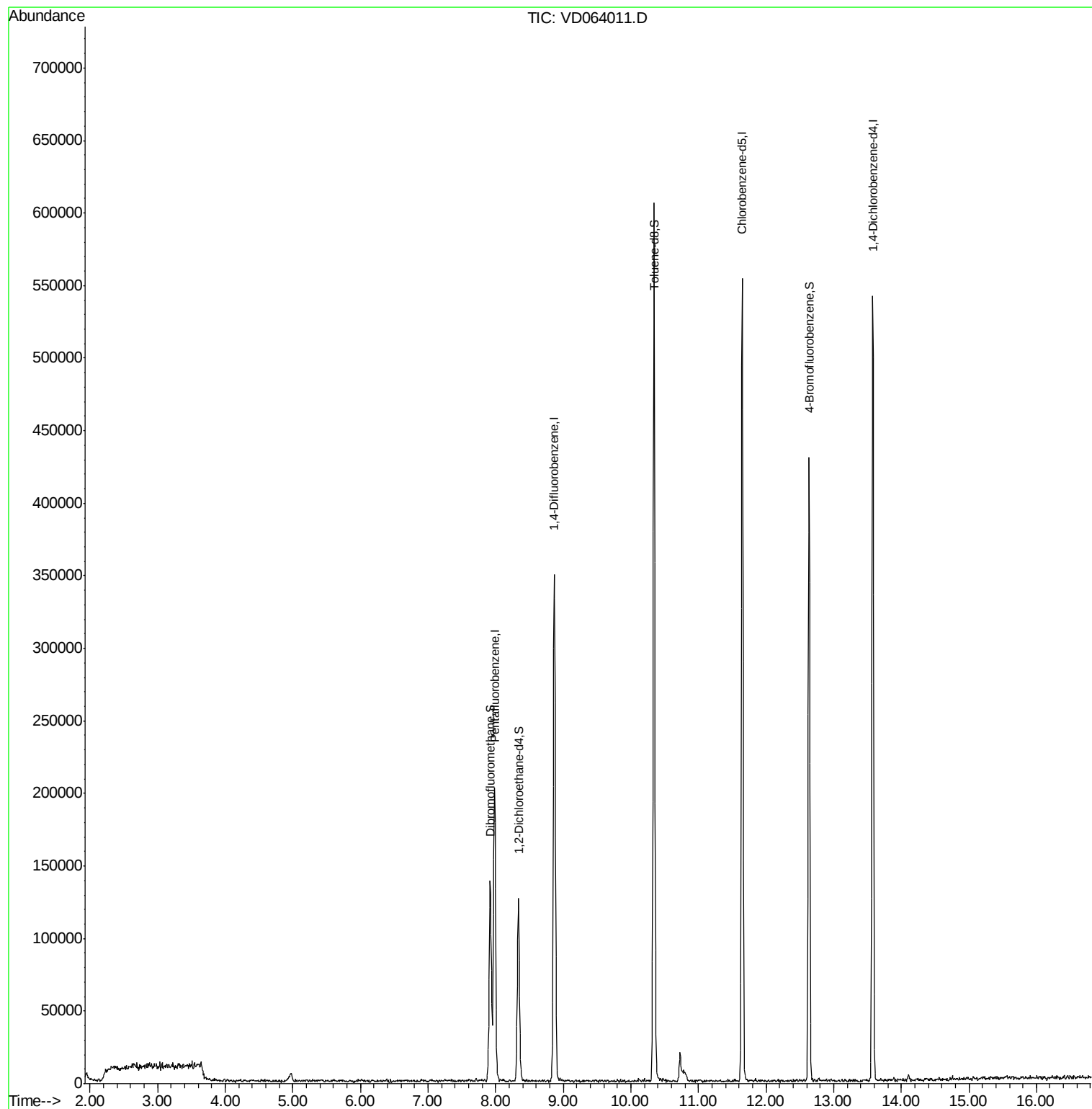
Target Compounds	Qvalue
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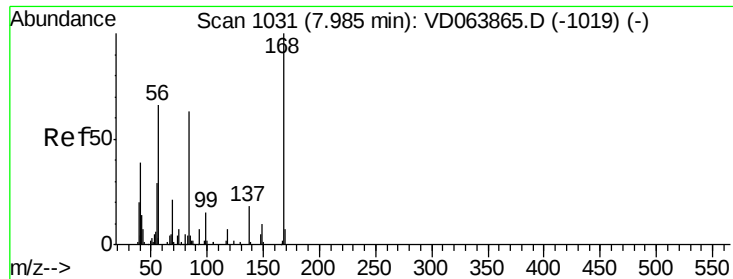
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064011.D

Acq: 18 Oct 2019 15:22

Instrument :

MSVOA_D

ClientSampleId :

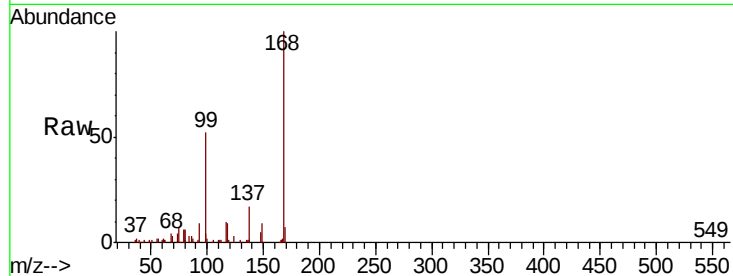
TP-4RE

Tot Ion:168 Resp: 149268

Ion Ratio Lower Upper

168 100

99 52.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

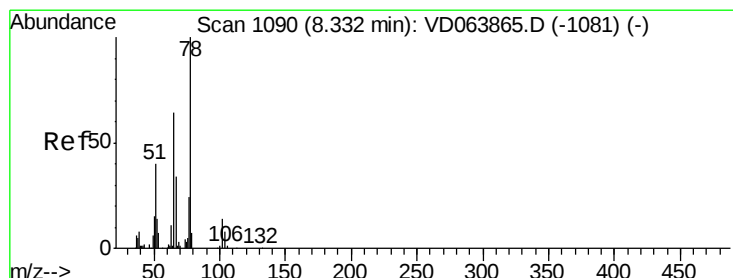
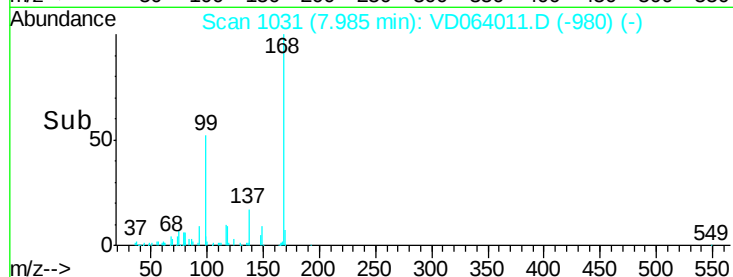
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 66.807 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064011.D

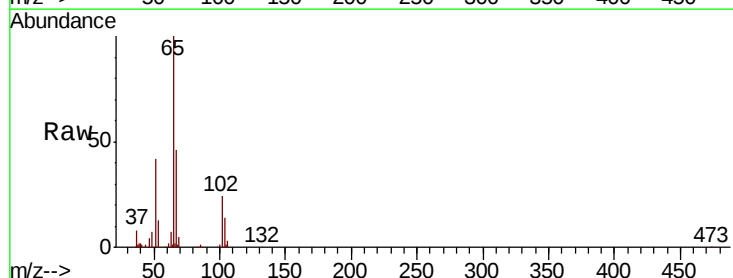
Acq: 18 Oct 2019 15:22

Tgt Ion: 65 Resp: 97087

Ion Ratio Lower Upper

65 100

67 48.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

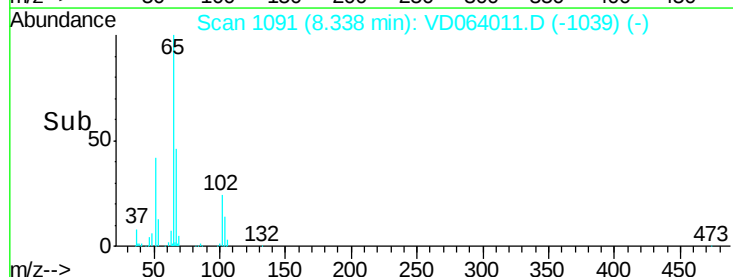
20000

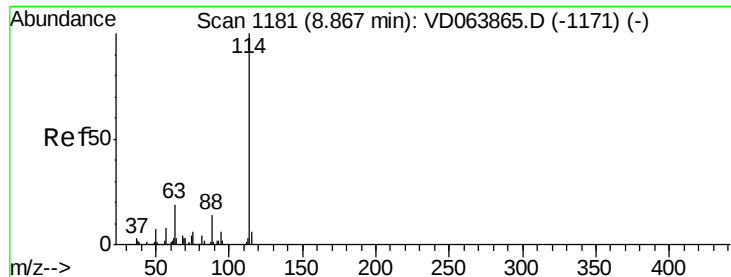
10000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD064011.D

Acq: 18 Oct 2019 15:22

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

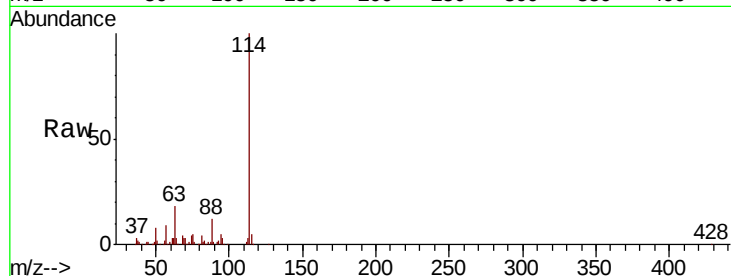
Tot Ion:114 Resp: 294988

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 11.9 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

200000

150000

100000

50000

0

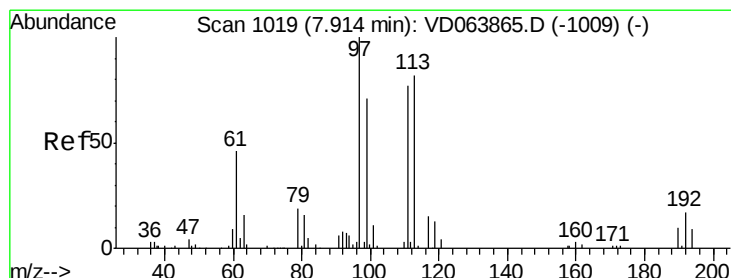
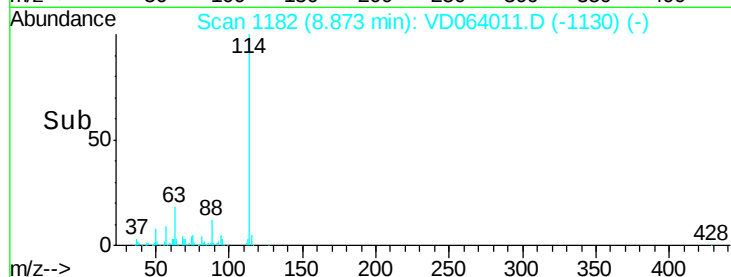
8.87

8.85

8.90

8.95

Time-->



#35

Dibromofluoromethane

Concen: 49.945 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064011.D

Acq: 18 Oct 2019 15:22

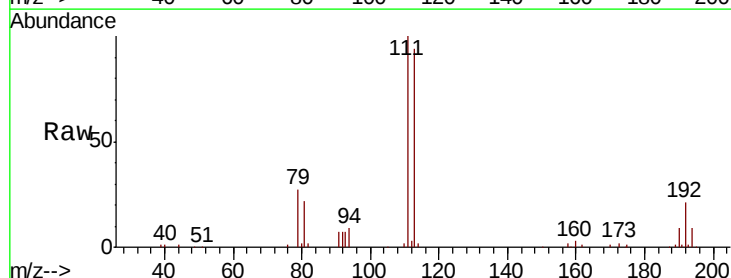
Tgt Ion:113 Resp: 90039

Ion Ratio Lower Upper

113 100

111 104.8 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

50000

40000

30000

20000

10000

0

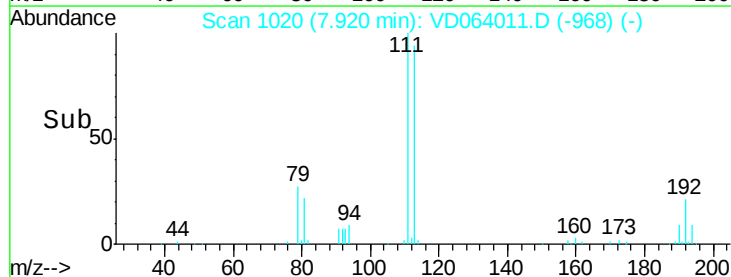
7.92

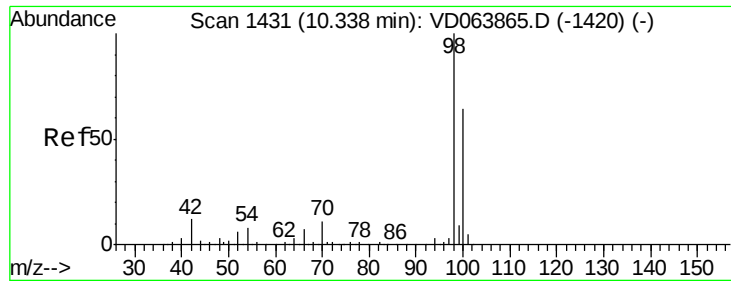
7.90

7.95

8.00

Time-->

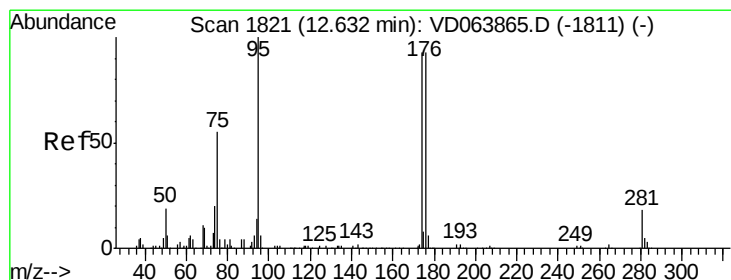
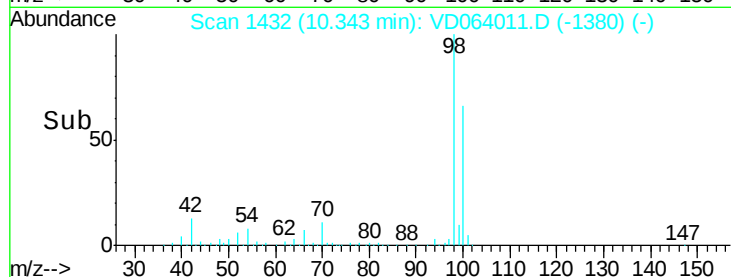
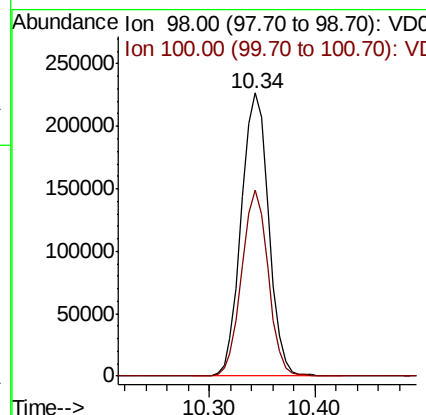
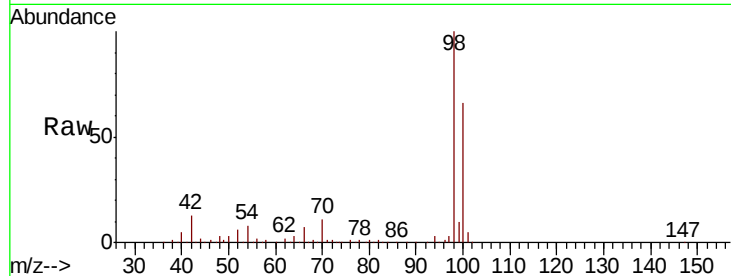




#50
Toluene-d8
Concen: 55.547 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064011.D
Acq: 18 Oct 2019 15:22

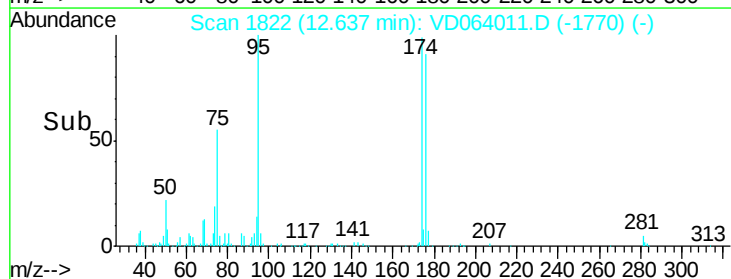
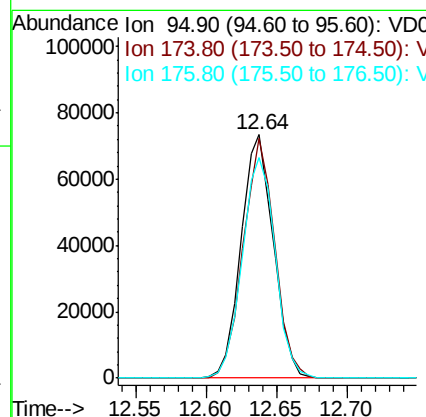
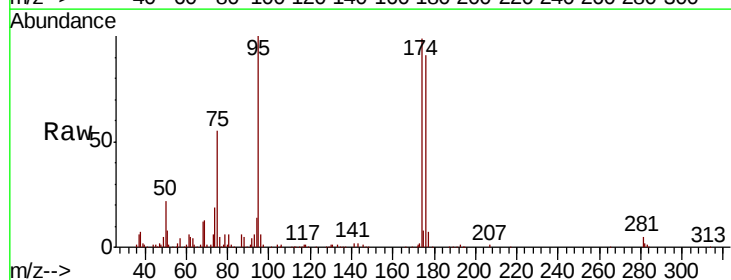
Instrument :
MSVOA_D
ClientSampled :
TP-4RE

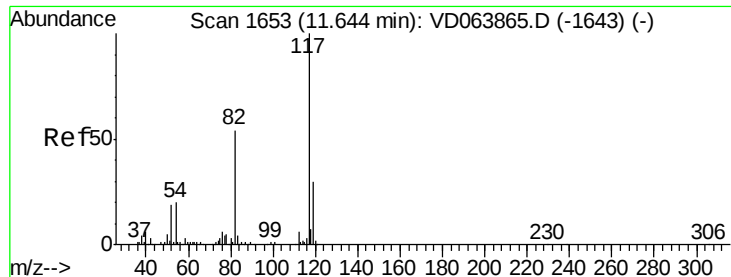
Tot Ion: 98 Resp: 406442
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.212 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064011.D
Acq: 18 Oct 2019 15:22

Tgt Ion: 95 Resp: 117504
Ion Ratio Lower Upper
95 100
174 96.3 0.0 186.4
176 92.5 0.0 184.2

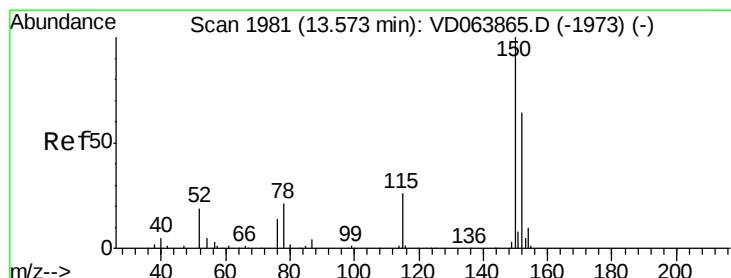
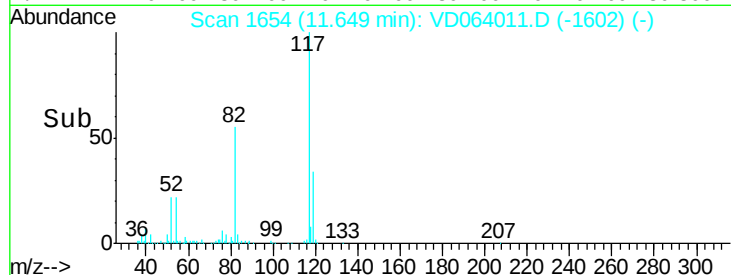
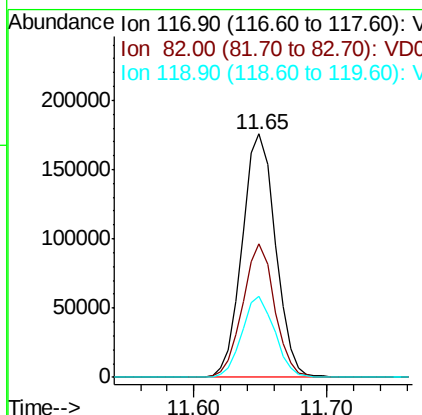
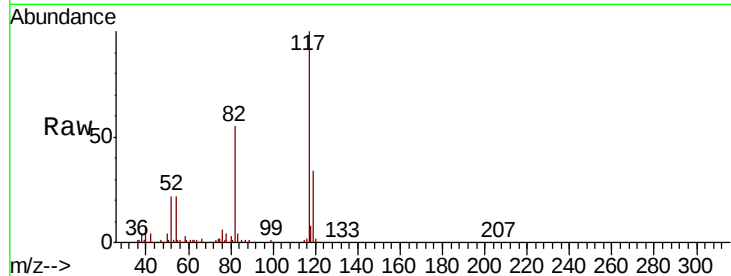




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064011.D
Acq: 18 Oct 2019 15:22

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion:117 Resp: 303523
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 33.5 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: VD064011.D
Acq: 18 Oct 2019 15:22

Tgt Ion:152 Resp: 142014
Ion Ratio Lower Upper
152 100
115 53.6 25.9 77.7
150 158.4 0.0 344.2

