

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065655.D
 Acq On : 17 Apr 2020 20:17
 Operator : VA/SY
 Sample : L2332-05
 Misc : 5.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-2

Quant Time: Apr 20 08:23:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	331633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	315372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121827	71.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.34%	
35) Dibromofluoromethane	7.92	113	118402	57.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.74%	
50) Toluene-d8	10.34	98	406537	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.64	95	121770	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

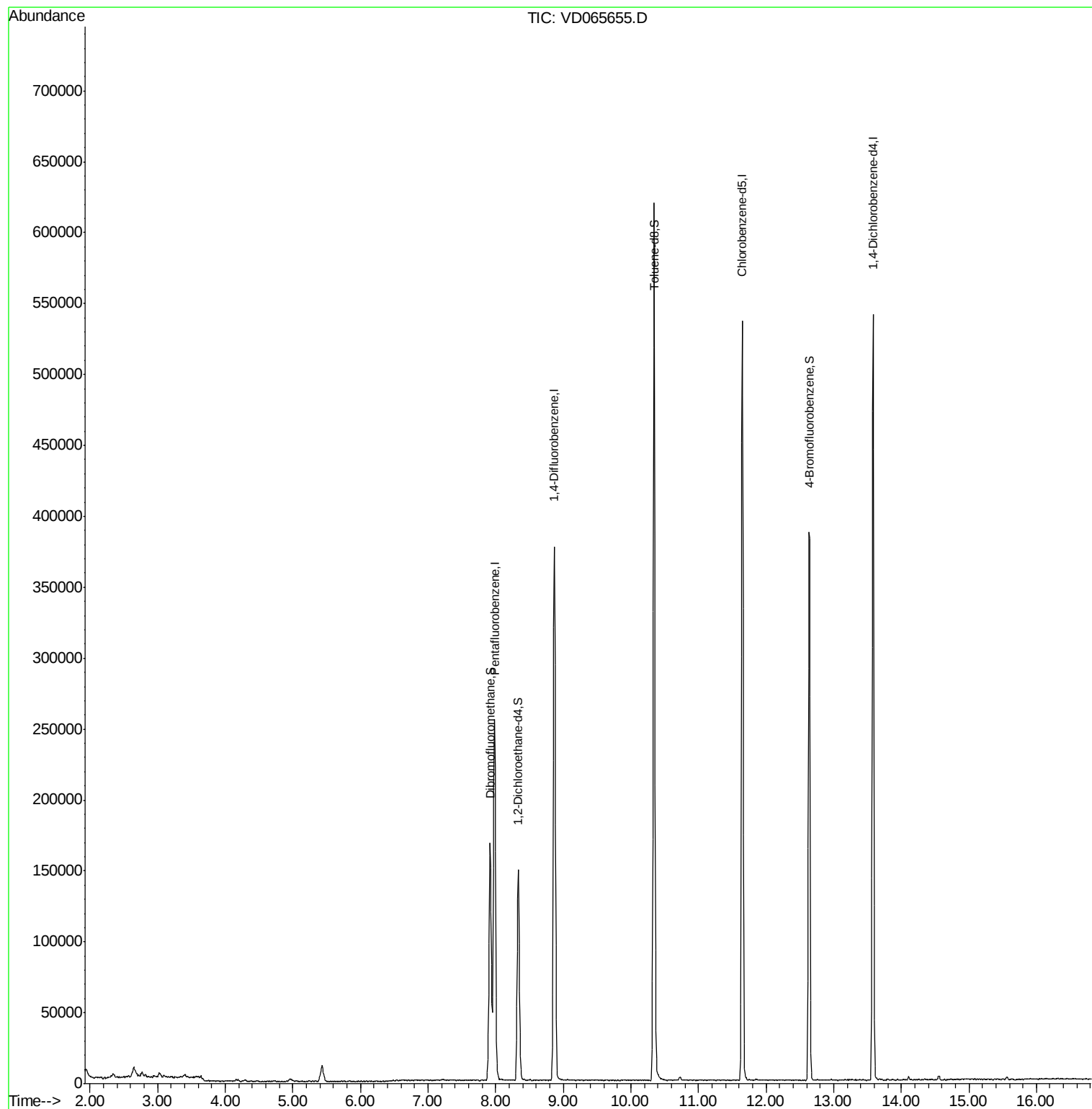
Target Compounds	Qvalue

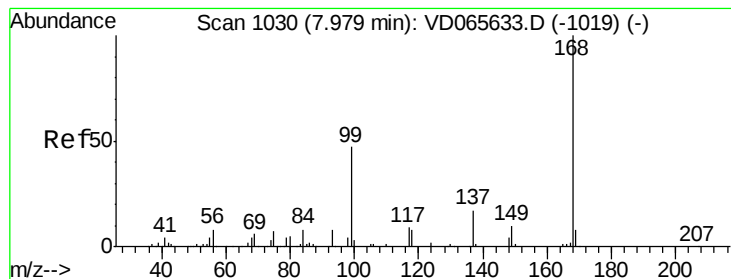
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065655.D

Acq: 17 Apr 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

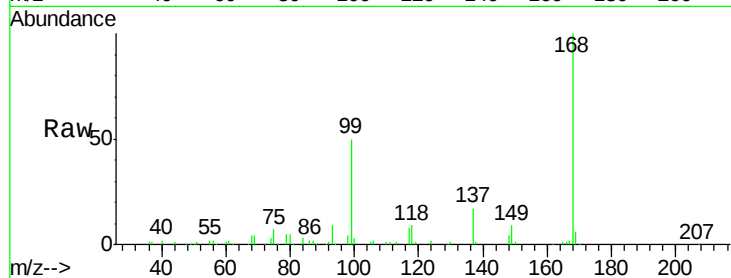
TP-4-2

Tot Ion:168 Resp: 201221

Ion Ratio Lower Upper

168 100

99 49.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

40000

20000

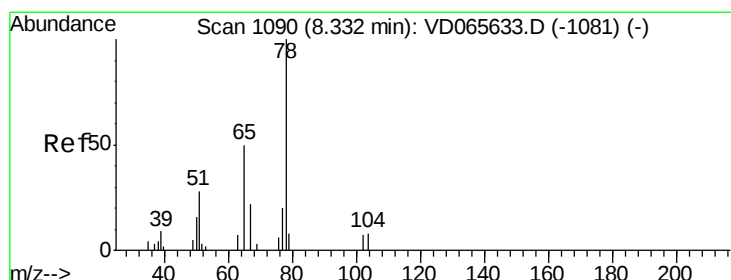
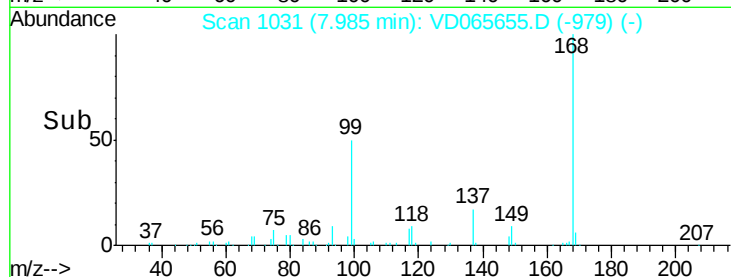
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 71.171 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065655.D

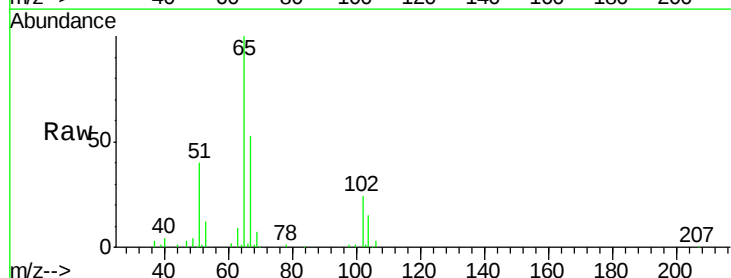
Acq: 17 Apr 2020 20:17

Tgt Ion: 65 Resp: 121827

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

30000

20000

10000

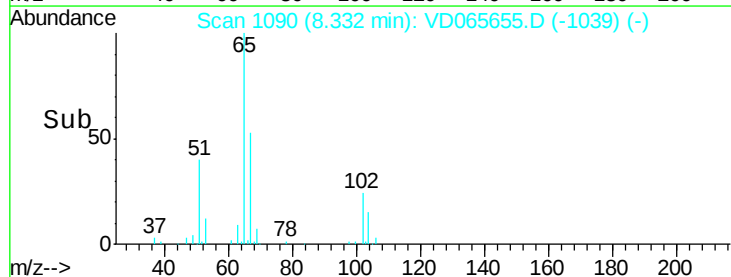
0

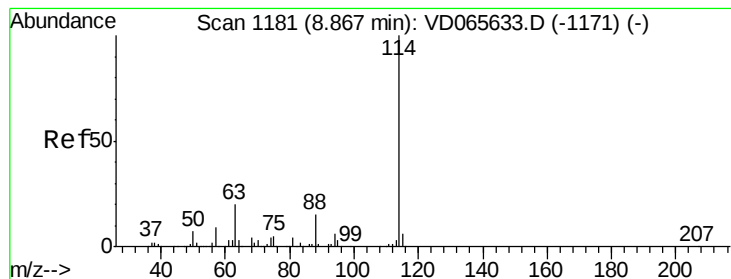
Time-->

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: VD065655.D

Acq: 17 Apr 2020 20:17

Instrument :

MSVOA_D

ClientSampleId :

TP-4-2

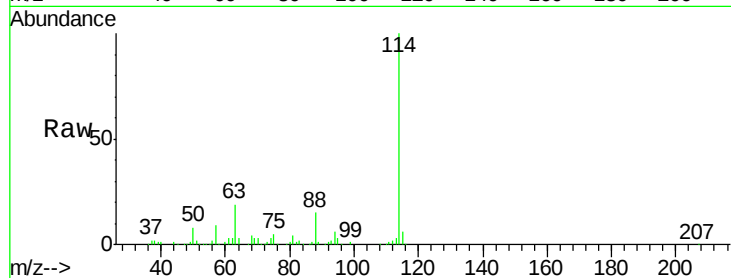
Tot Ion:114 Resp: 331633

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

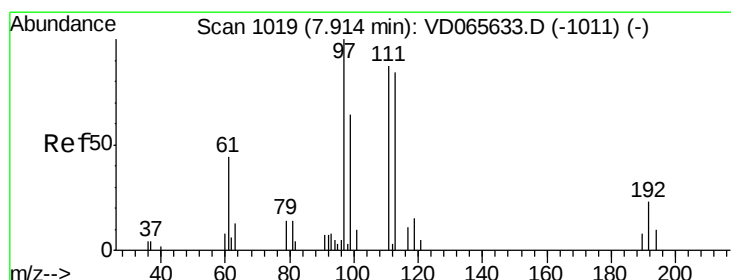
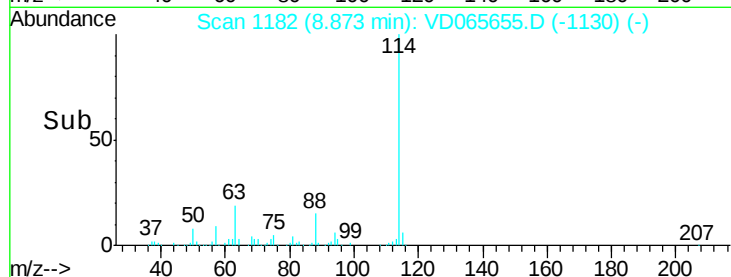
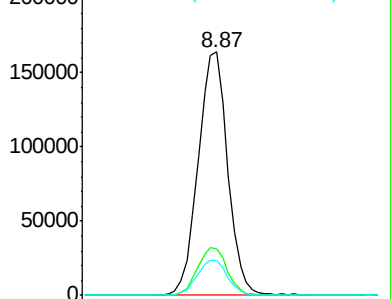
88 14.5 0.0 31.6



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: 57.365 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065655.D

Acq: 17 Apr 2020 20:17

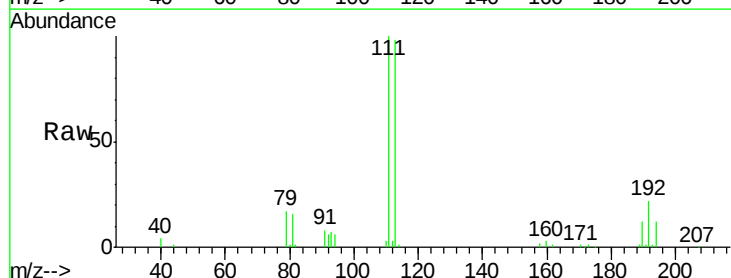
Tgt Ion:113 Resp: 118402

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

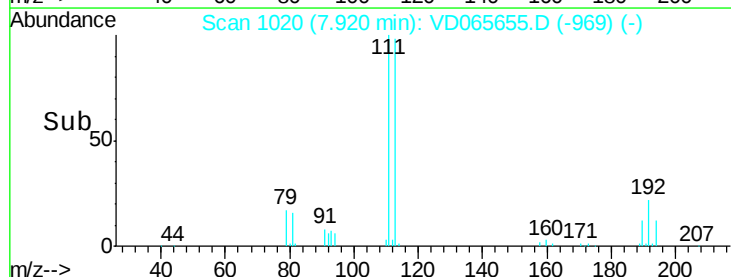
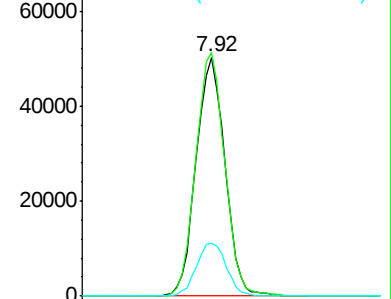
192 23.0 18.9 28.3

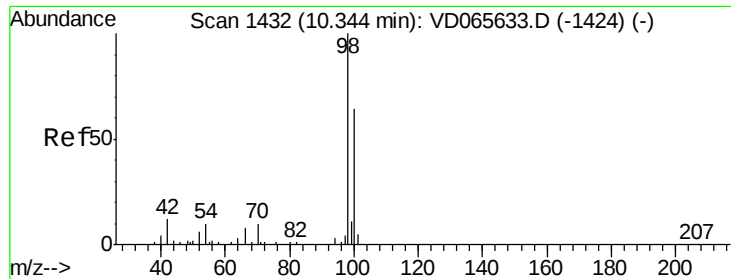


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

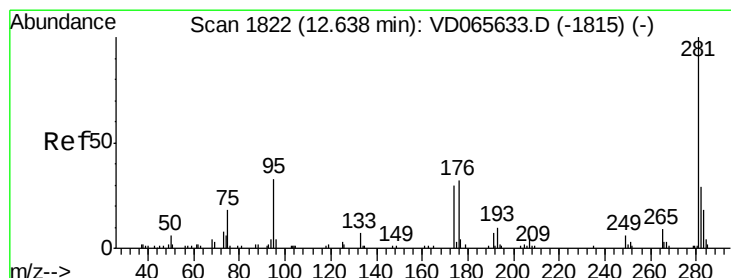
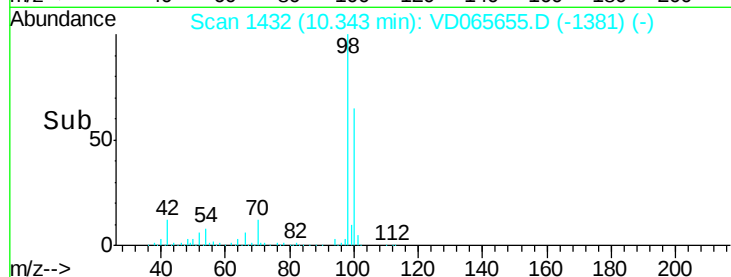
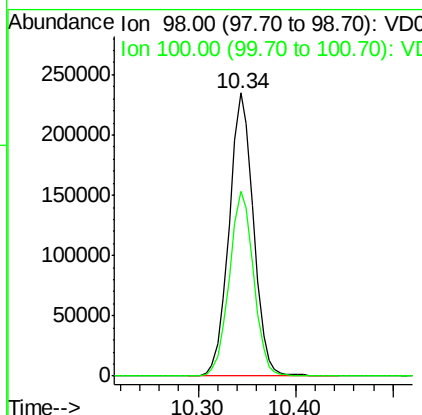
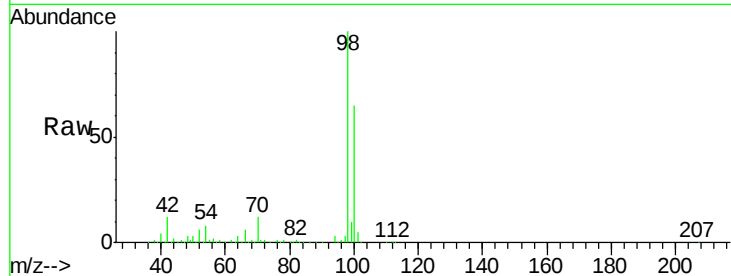




#50
Toluene-d8
Concen: 53.431 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065655.D
Acq: 17 Apr 2020 20:17

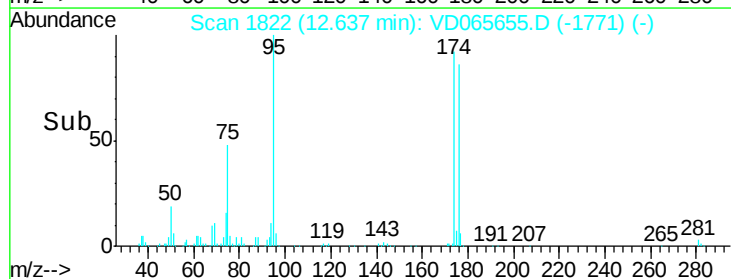
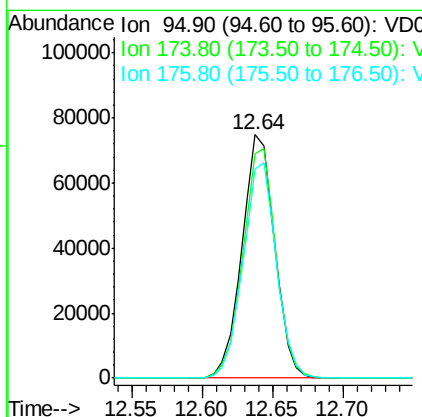
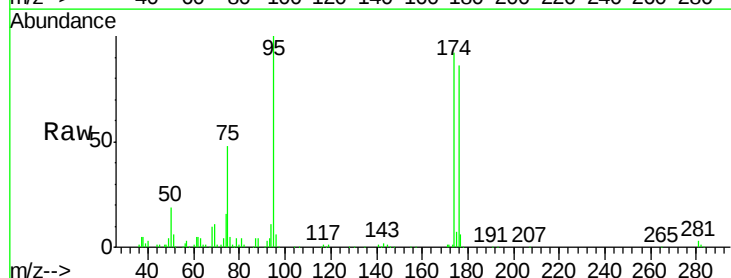
Instrument :
MSVOA_D
ClientSampled :
TP-4-2

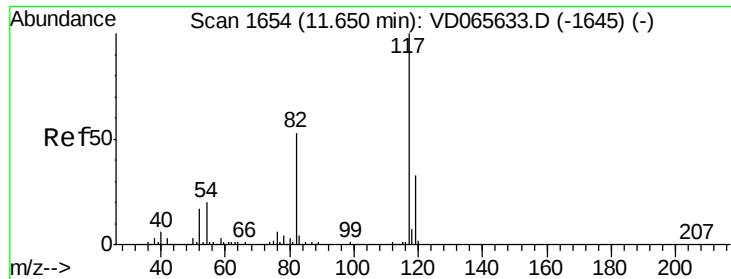
Tot Ion: 98 Resp: 406537
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.098 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065655.D
Acq: 17 Apr 2020 20:17

Tgt Ion: 95 Resp: 121770
Ion Ratio Lower Upper
95 100
174 95.4 0.0 183.8
176 89.8 0.0 181.4

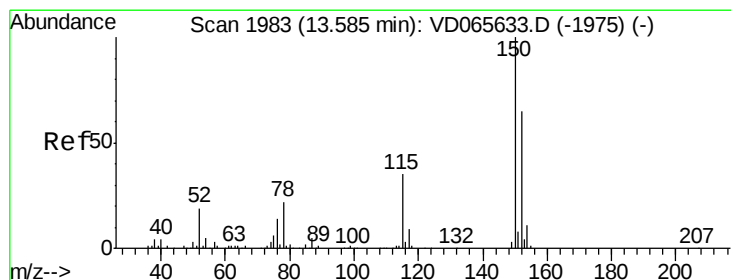
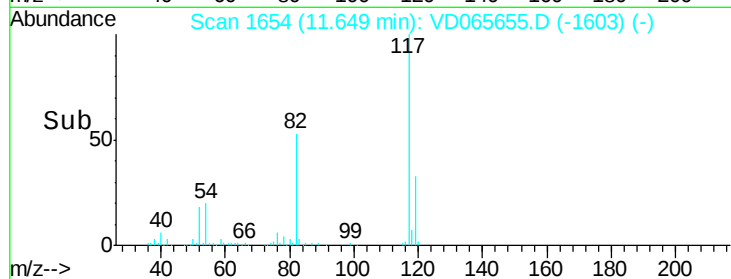
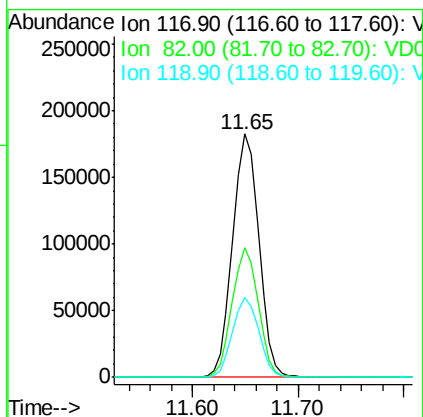
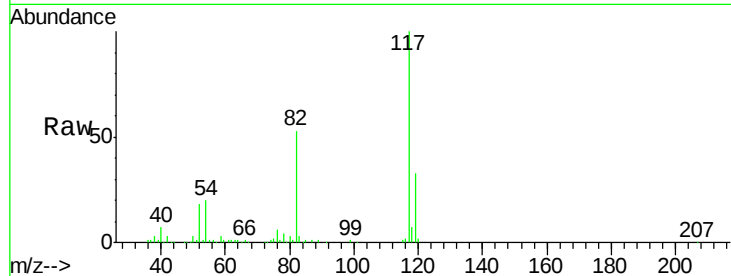




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065655.D
Acq: 17 Apr 2020 20:17

Instrument :
MSVOA_D
ClientSampleId :
TP-4-2

Tot Ion:117 Resp: 315372
Ion Ratio Lower Upper
117 100
82 53.5 43.2 64.8
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065655.D
Acq: 17 Apr 2020 20:17

Tgt Ion:152 Resp: 147186
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.7
150 159.3 0.0 346.0

