

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066975.D
 Acq On : 30 Sep 2020 15:53
 Operator : VA/SY
 Sample : L4193-03
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-12(13-14)

Quant Time: Oct 01 01:22:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	771313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	786435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377196	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209511	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	7.91	113	240588	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.34	98	927339	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.63	95	336727	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	

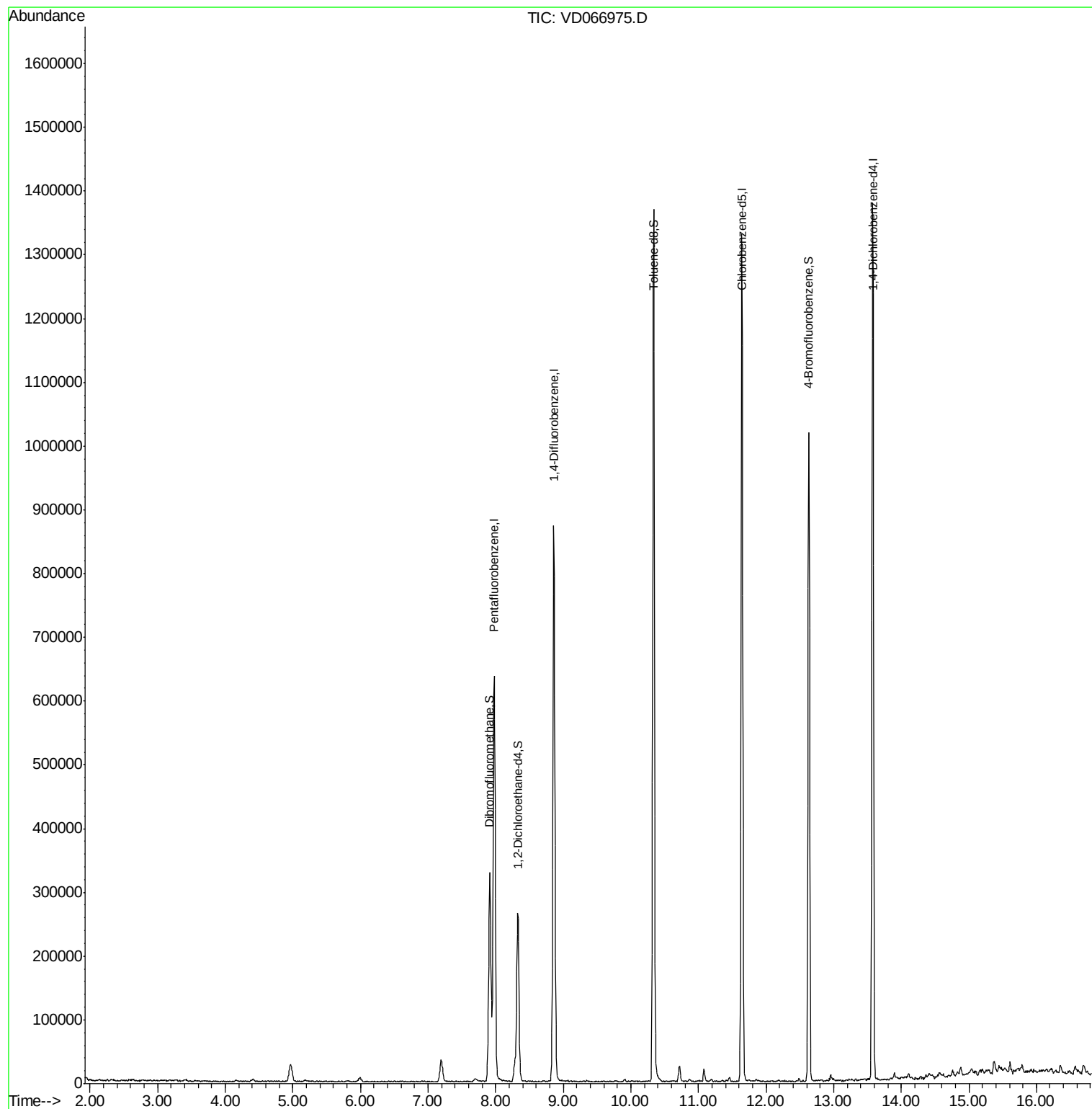
Target Compounds	Qvalue

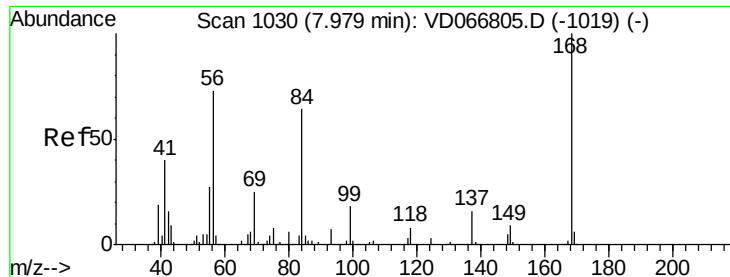
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

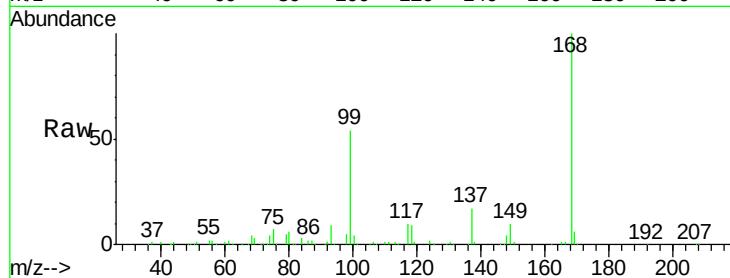
B-12(13-14)

Tot Ion:168 Resp: 467027

Ion Ratio Lower Upper

168 100

99 54.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

100000

50000

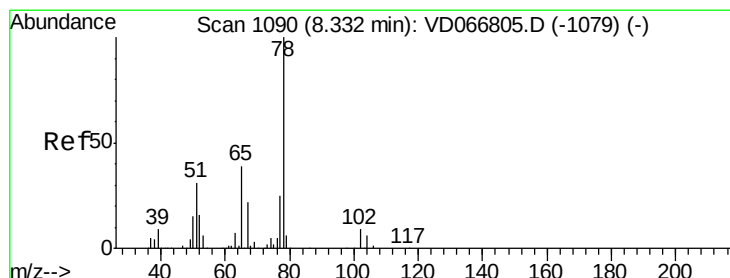
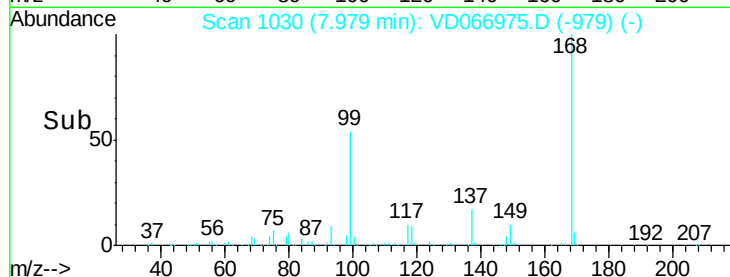
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.834 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066975.D

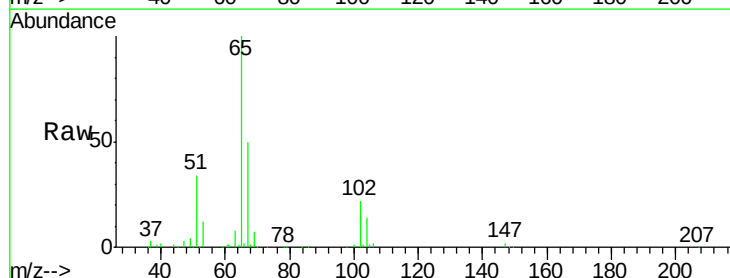
Acq: 30 Sep 2020 15:53

Tgt Ion: 65 Resp: 209511

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

40000

20000

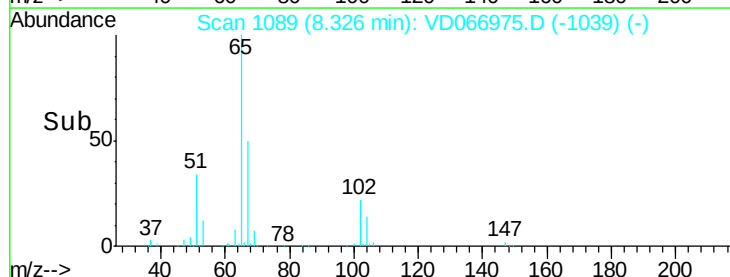
0

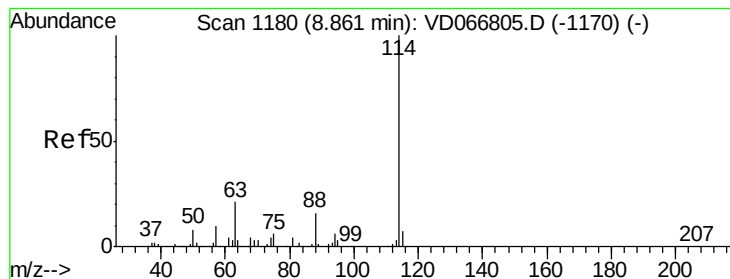
8.20

8.30

8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

Instrument :

MSVOA_D

ClientSampleId :

B-12(13-14)

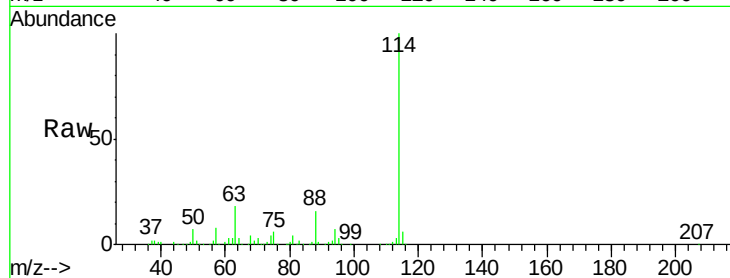
Tot Ion:114 Resp: 771313

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.6

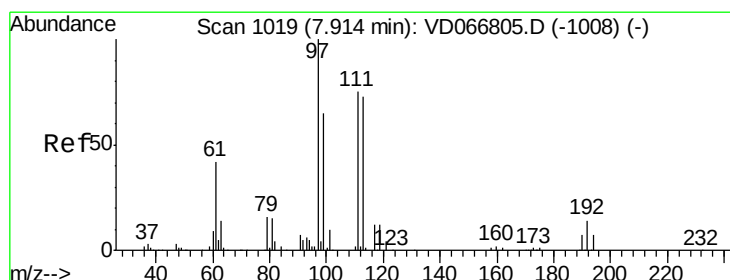
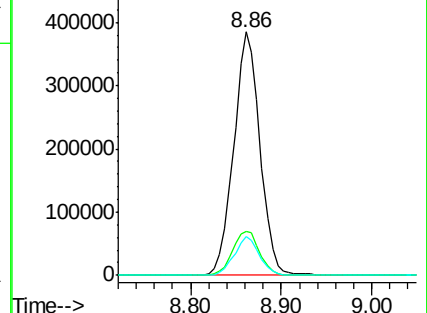
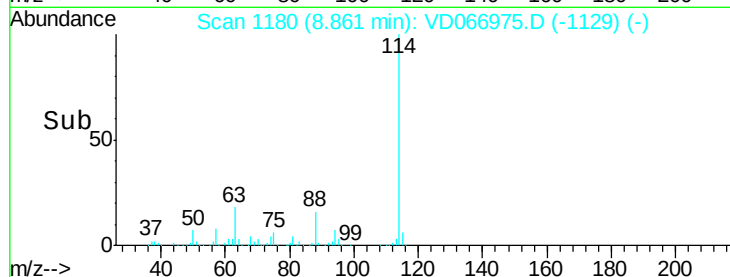
88 16.2 0.0 32.6



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: 49.029 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066975.D

Acq: 30 Sep 2020 15:53

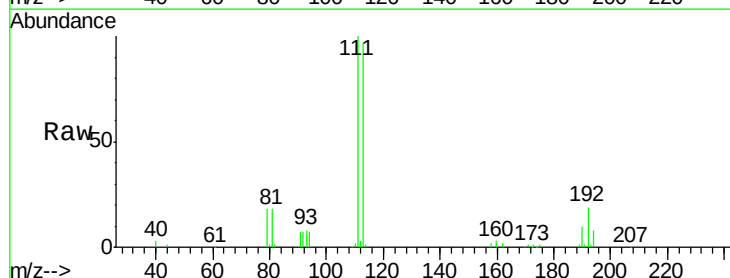
Tgt Ion:113 Resp: 240588

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

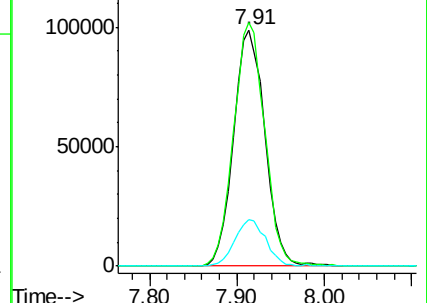
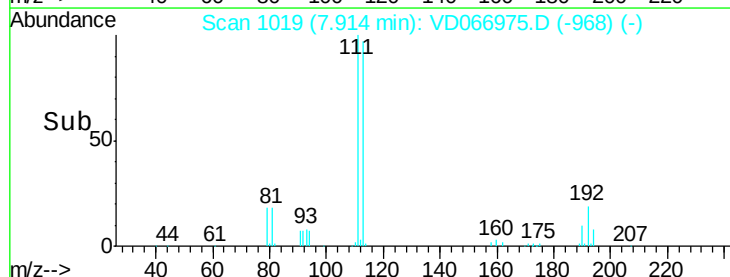
192 19.4 14.4 21.6

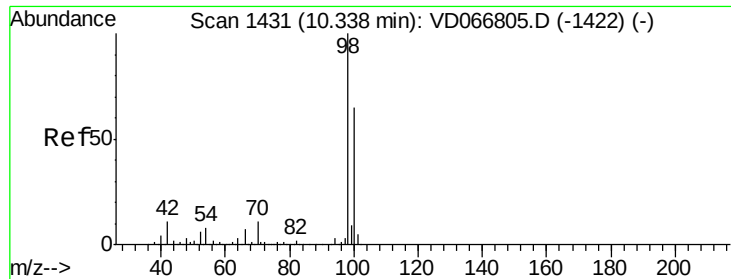


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

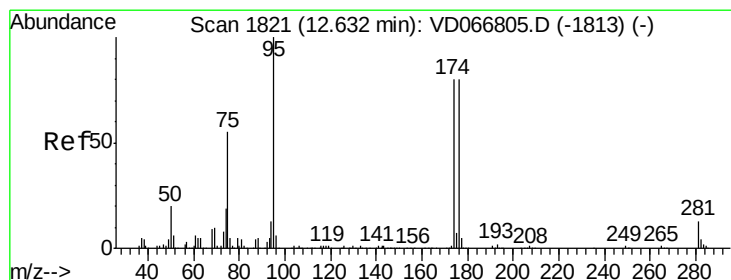
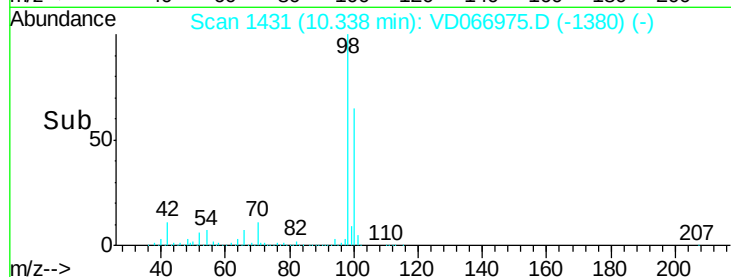
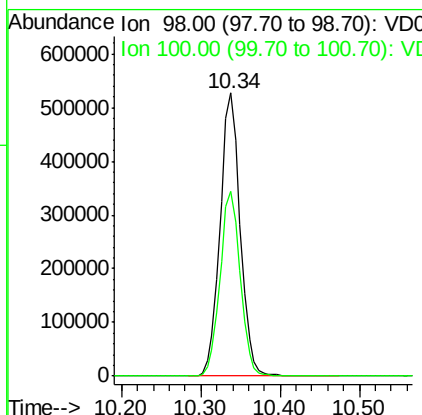
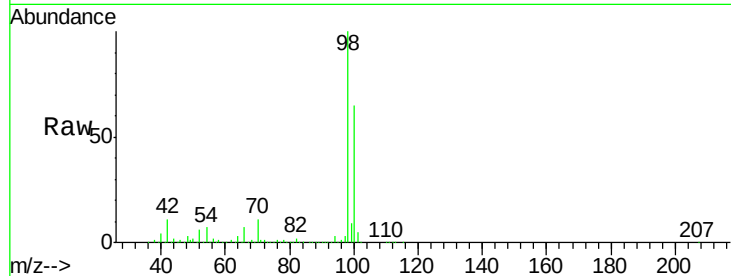




#50
Toluene-d8
Concen: 55.465 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

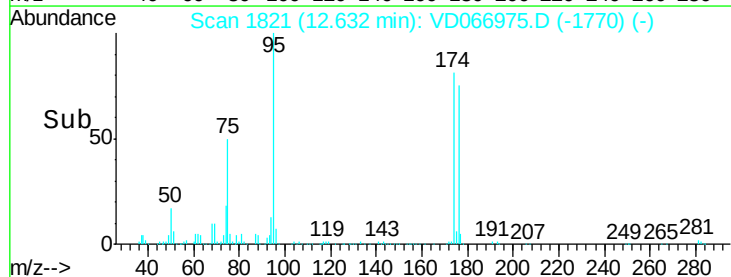
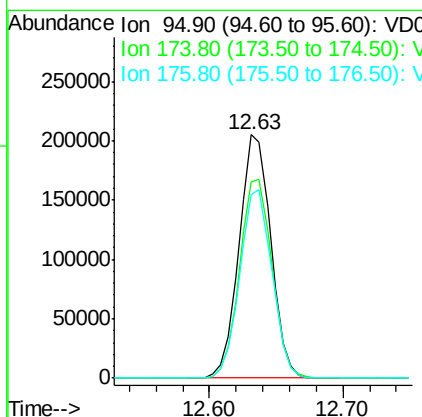
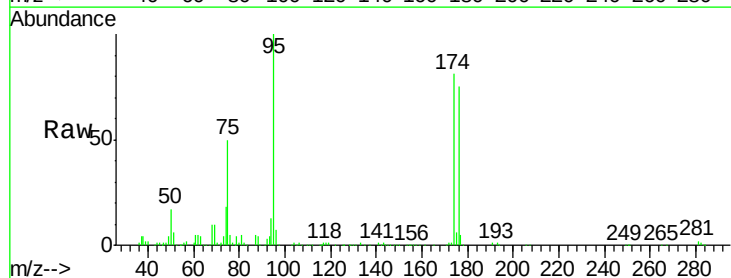
Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

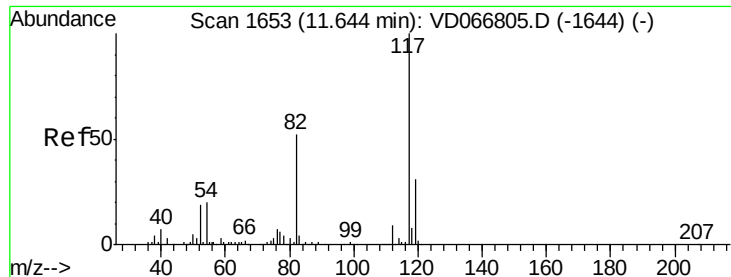
Tot Ion: 98 Resp: 927339
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.831 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion: 95 Resp: 336727
Ion Ratio Lower Upper
95 100
174 83.3 0.0 159.8
176 78.7 0.0 154.4

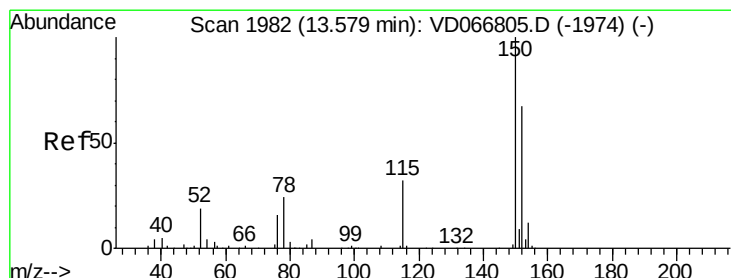
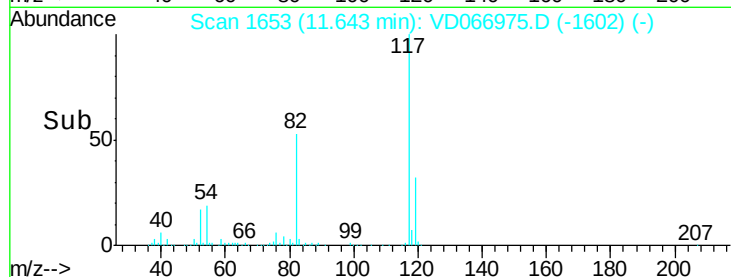
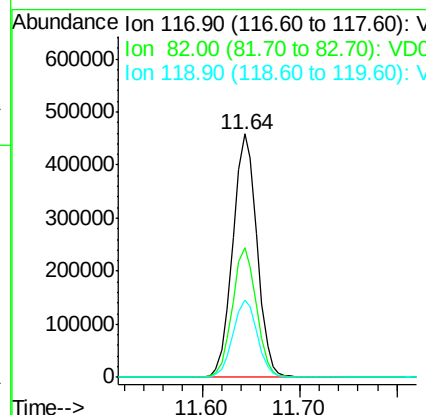
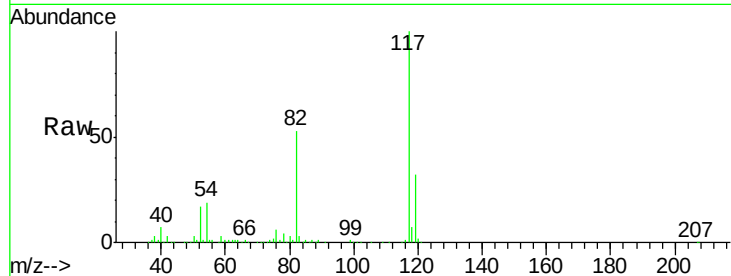




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
B-12(13-14)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	31.5	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066975.D
Acq: 30 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.8	0.0	346.2

