

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066087.D
 Acq On : 29 Jul 2020 12:40
 Operator : VA/SY
 Sample : L3180-01
 Misc : 7.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-072920

Quant Time: Jul 30 02:22:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	239104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	373194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	377962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	105732	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
35) Dibromofluoromethane	7.91	113	117625	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.34	98	449750	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.64	95	172198	58.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.80%	

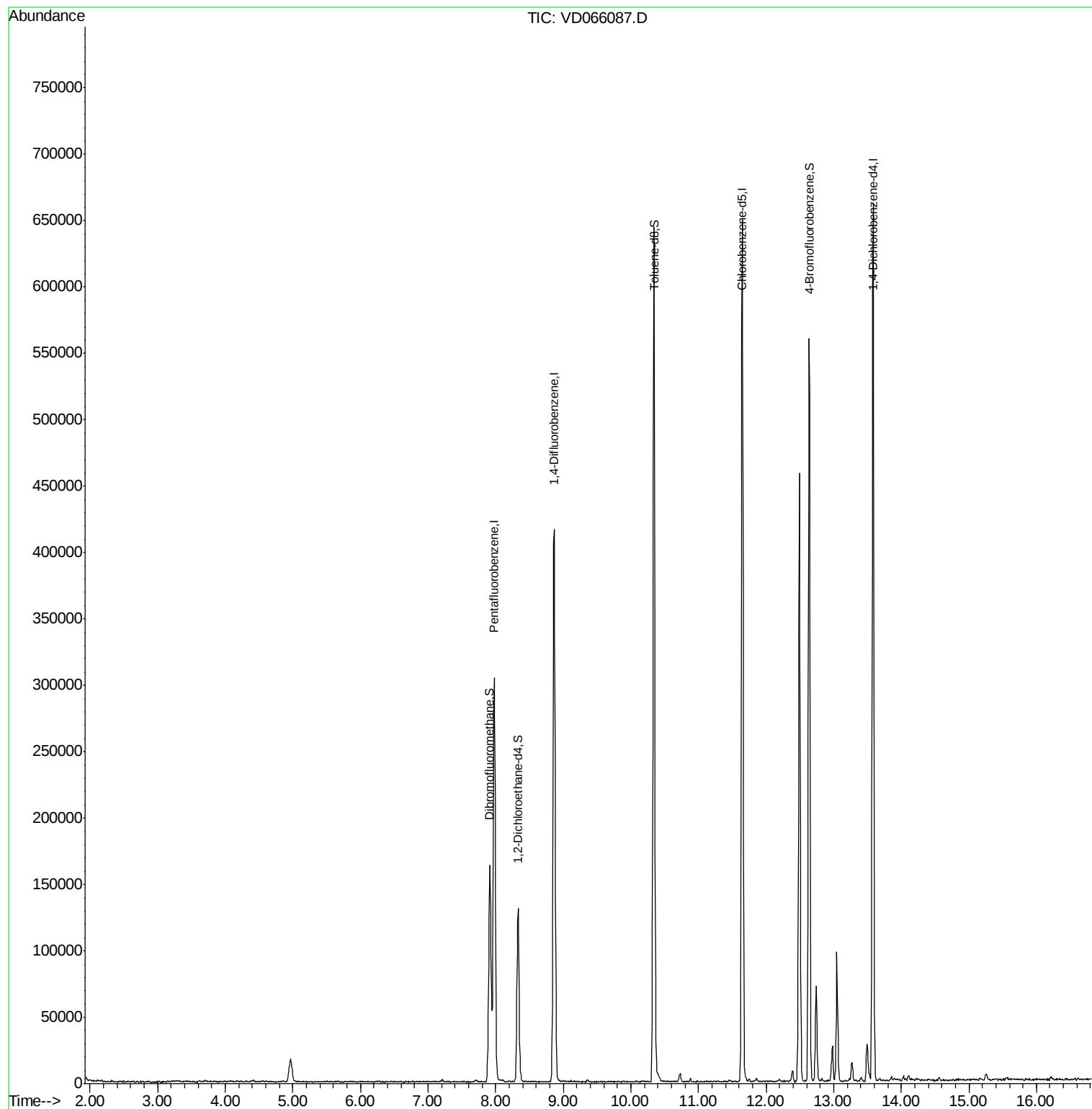
Target Compounds	Qvalue

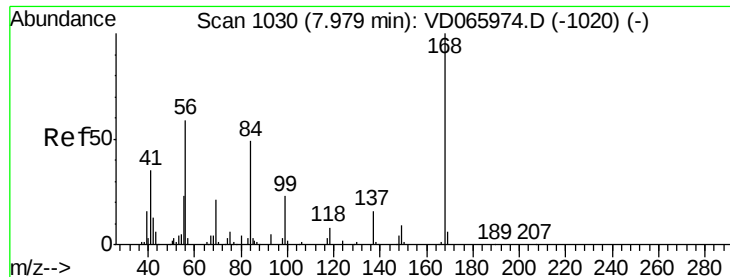
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066087.D

Acq: 29 Jul 2020 12:40

Instrument :

MSVOA_D

ClientSampleId :

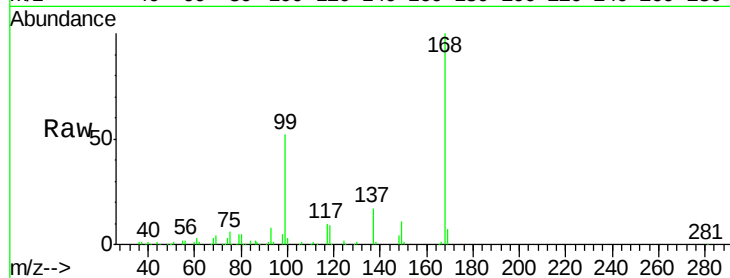
HD-02-072920

Tot Ion:168 Resp: 239104

Ion Ratio Lower Upper

168 100

99 51.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

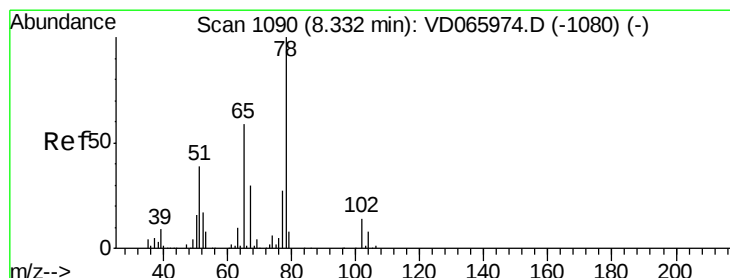
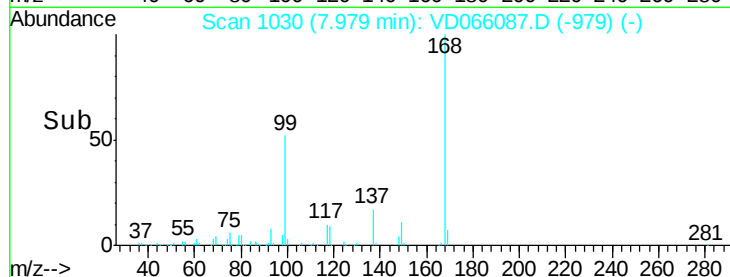
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066087.D

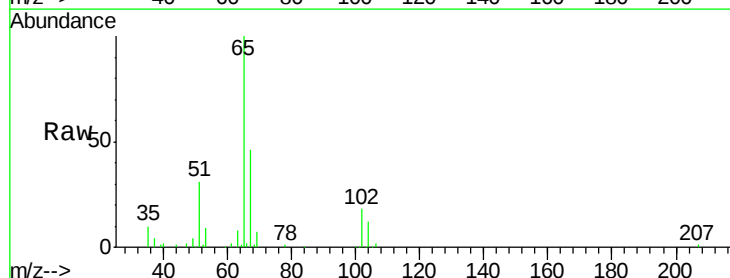
Acq: 29 Jul 2020 12:40

Tgt Ion: 65 Resp: 105732

Ion Ratio Lower Upper

65 100

67 49.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

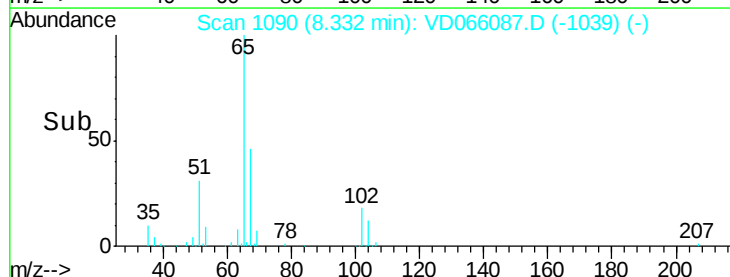
30000

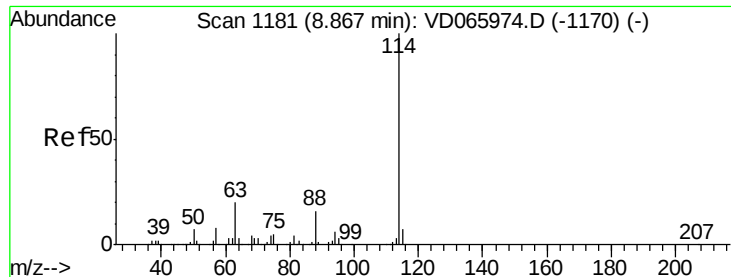
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10000

0

Time-->

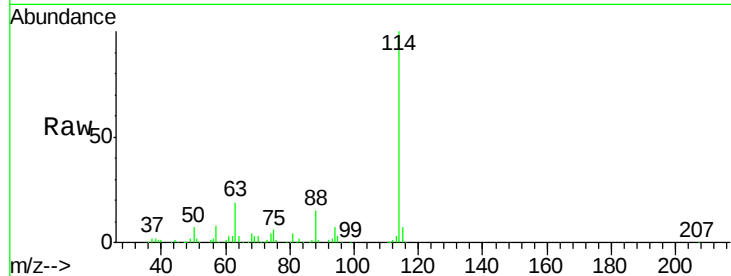




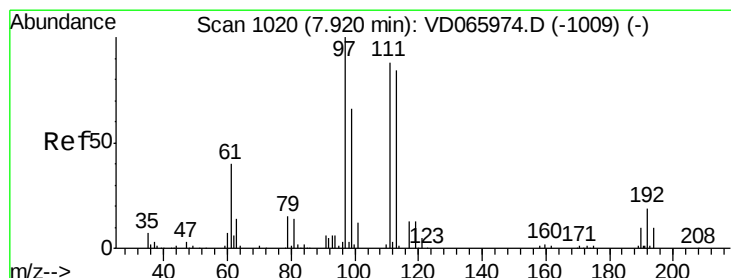
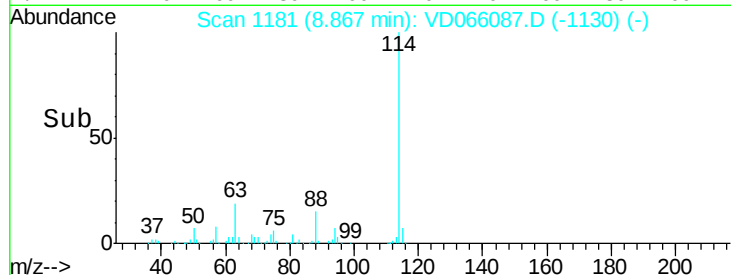
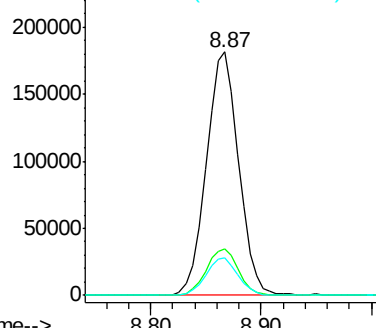
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066087.D
 Acq: 29 Jul 2020 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-072920

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.2	0.0	31.2

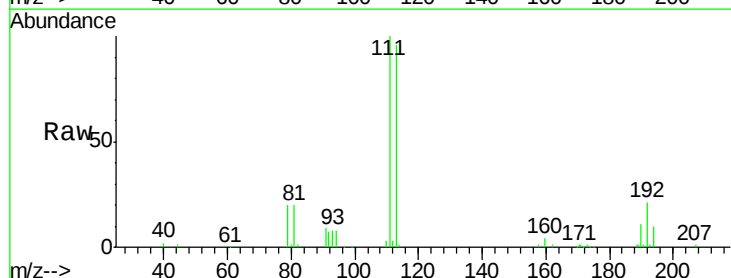


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

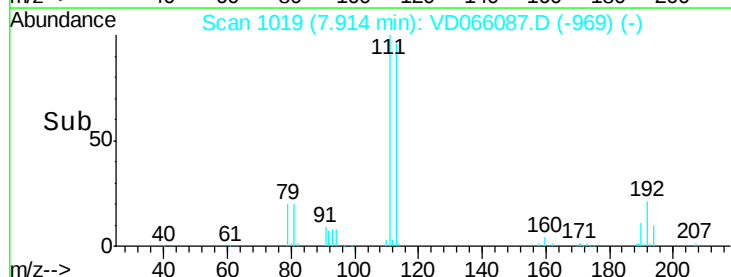
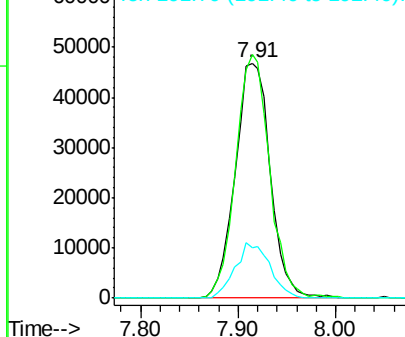


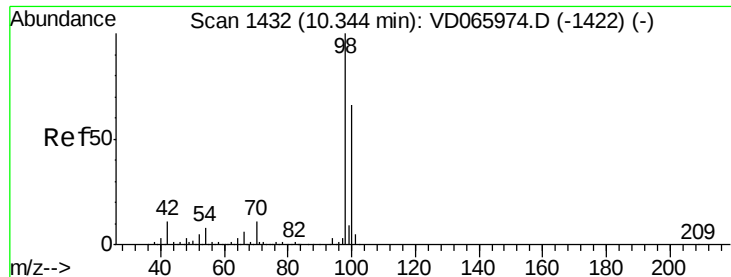
#35
 Dibromofluoromethane
 Concen: 51.965 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066087.D
 Acq: 29 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.2	124.8
192	23.3	18.7	28.1



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

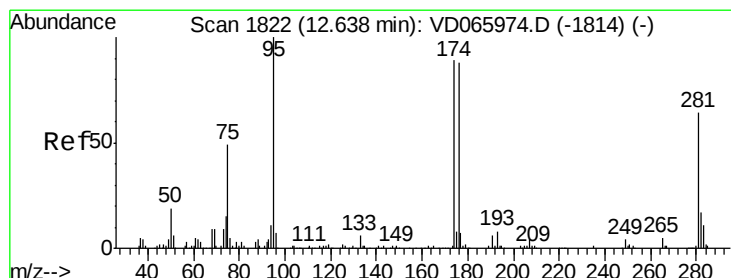
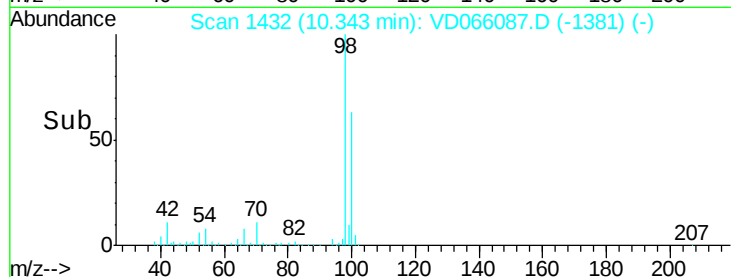
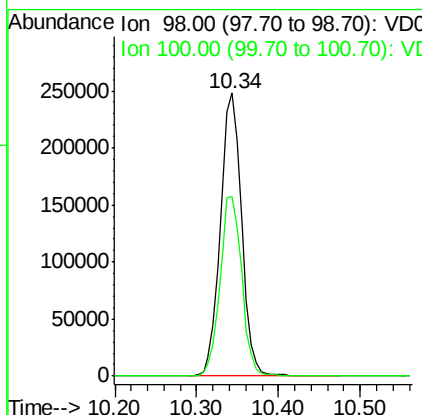
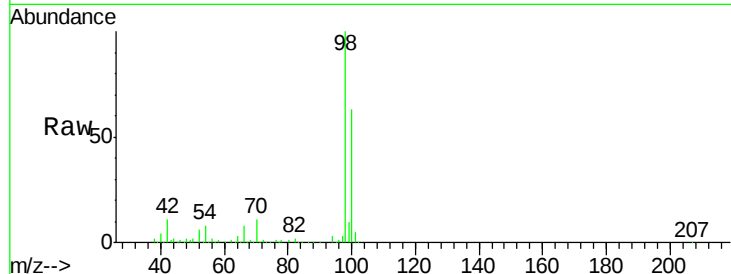




#50
Toluene-d8
Concen: 53.337 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066087.D
Acq: 29 Jul 2020 12:40

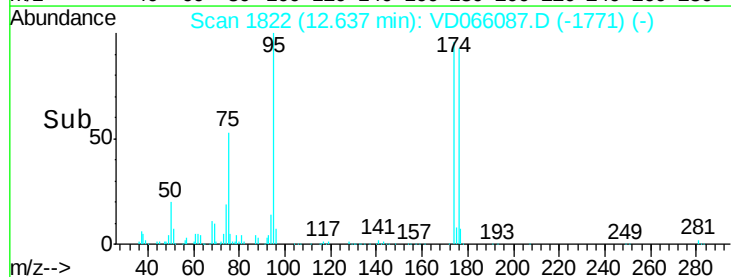
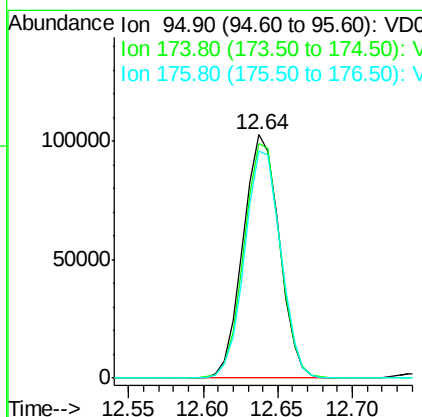
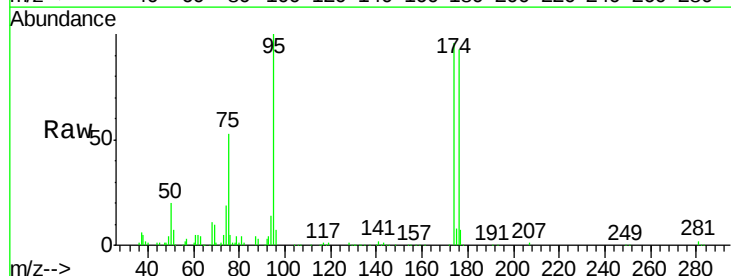
Instrument :
MSVOA_D
ClientSampleId :
HD-02-072920

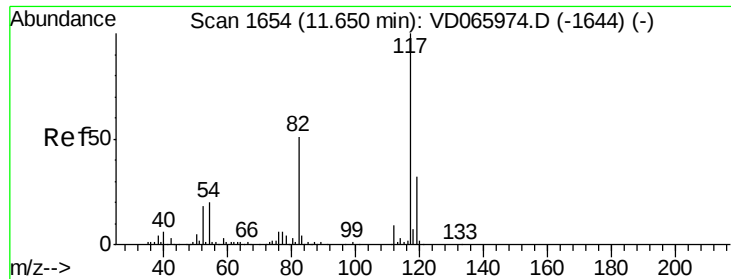
Tot Ion: 98 Resp: 449750
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 58.895 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066087.D
Acq: 29 Jul 2020 12:40

Tgt Ion: 95 Resp: 172198
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.8
176 93.1 0.0 172.6

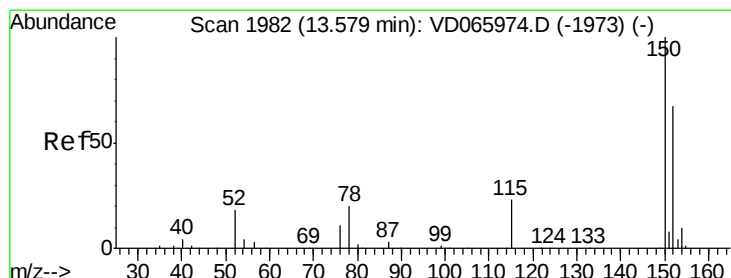
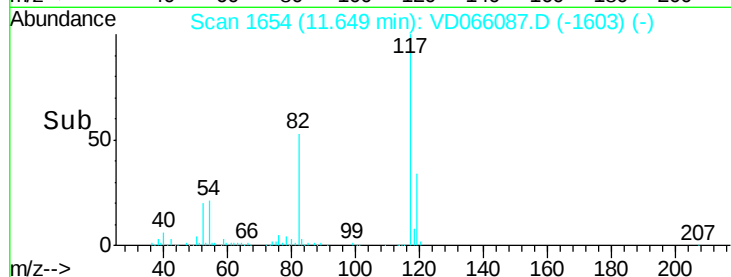
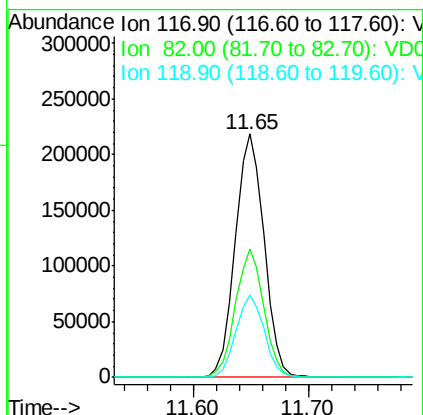
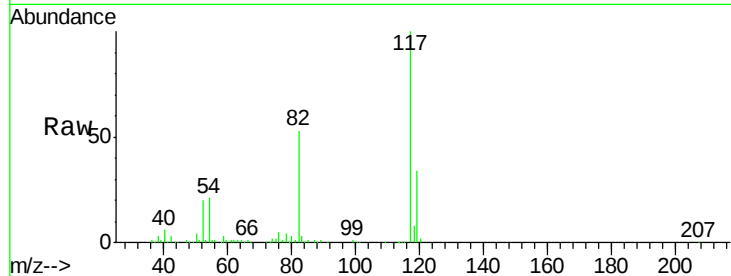




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066087.D
Acq: 29 Jul 2020 12:40

Instrument :
MSVOA_D
ClientSampleId :
HD-02-072920

Tot Ion:117 Resp: 377962
Ion Ratio Lower Upper
117 100
82 52.6 41.1 61.7
119 34.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066087.D
Acq: 29 Jul 2020 12:40

Tgt Ion:152 Resp: 175811
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 158.7 0.0 348.2

