

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066035.D
 Acq On : 23 Jul 2020 20:09
 Operator : VA/SY
 Sample : L3394-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 24 04:45:18 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	316680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	486889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	129497	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.92	113	148912	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.34	98	601359	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.64	95	238086	62.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.84%	

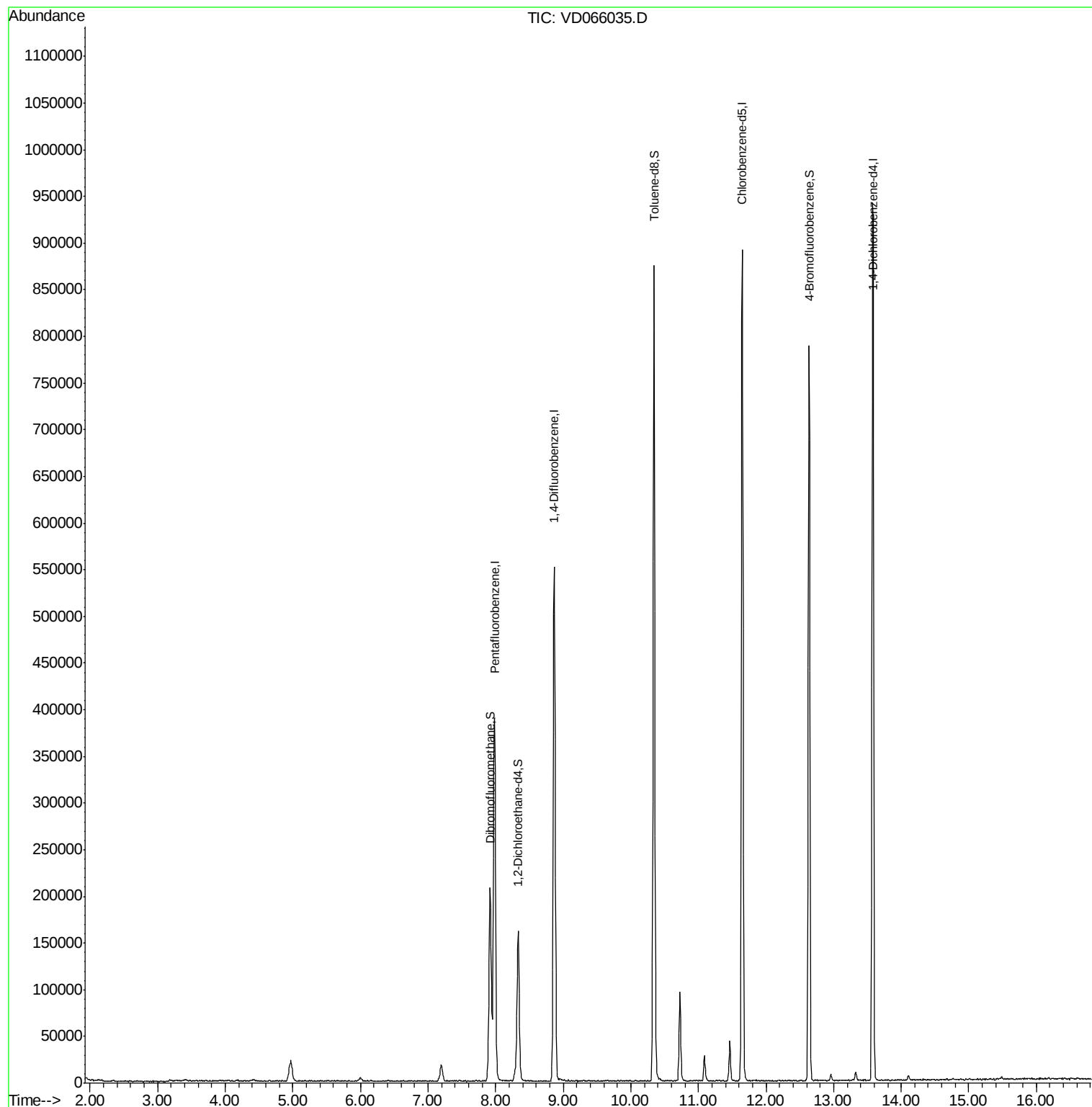
Target Compounds	Qvalue

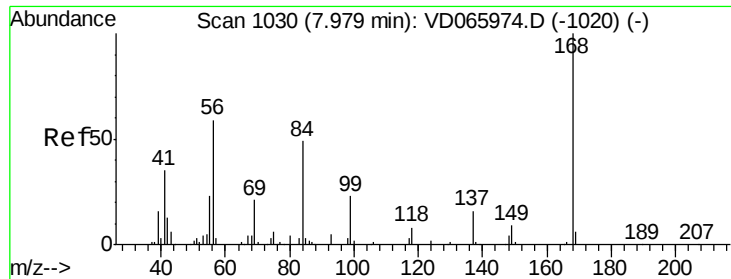
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066035.D

Acq: 23 Jul 2020 20:09

Instrument :

MSVOA_D

ClientSampleId :

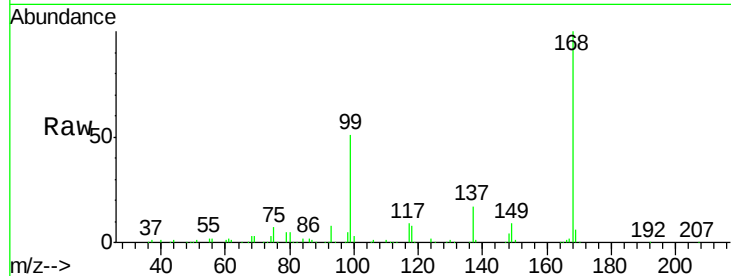
VOC

Tot Ion:168 Resp: 31680

Ion Ratio Lower Upper

168 100

99 51.2 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

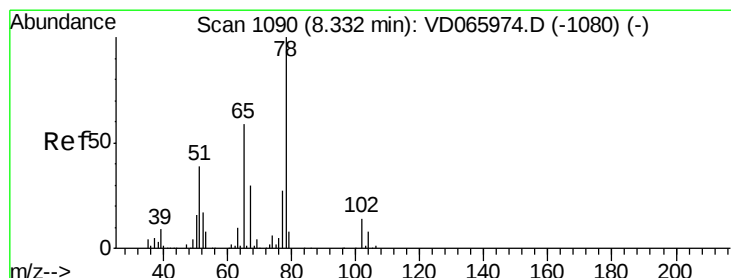
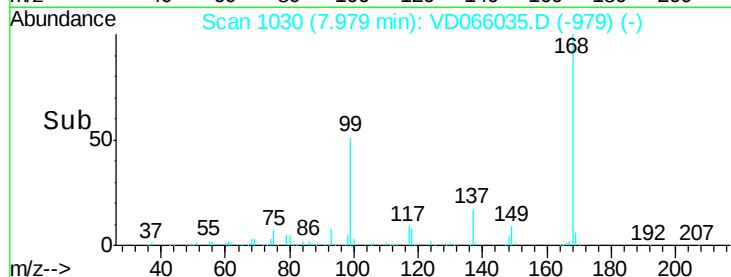
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.255 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066035.D

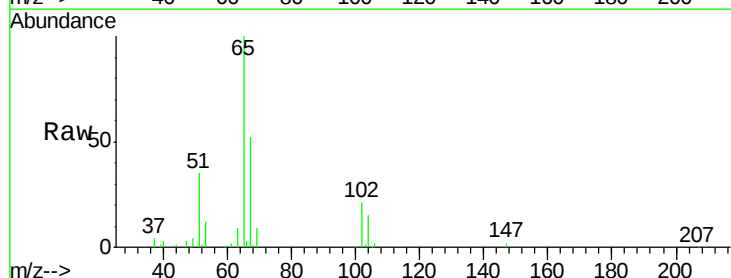
Acq: 23 Jul 2020 20:09

Tgt Ion: 65 Resp: 129497

Ion Ratio Lower Upper

65 100

67 51.7 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

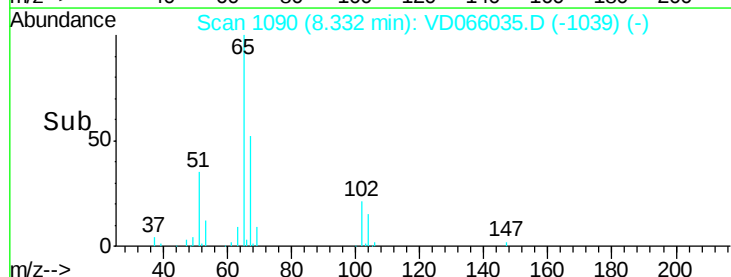
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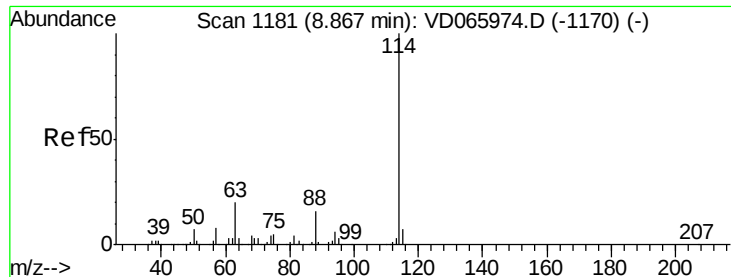
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20000

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Time-->

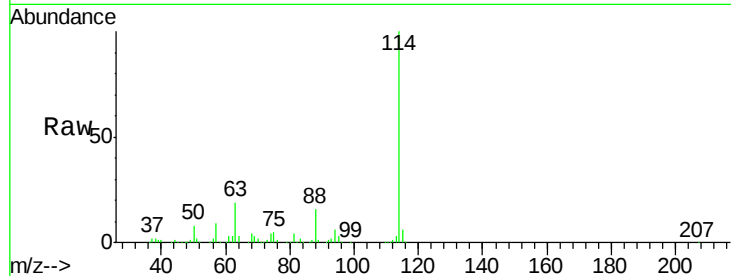




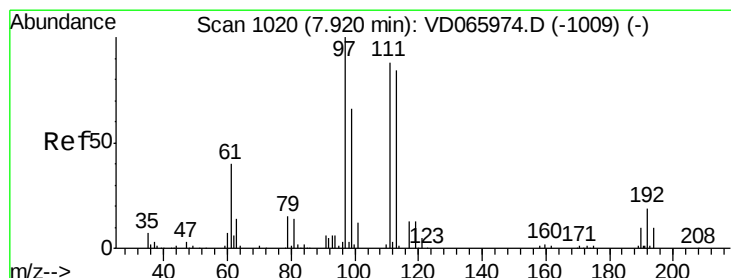
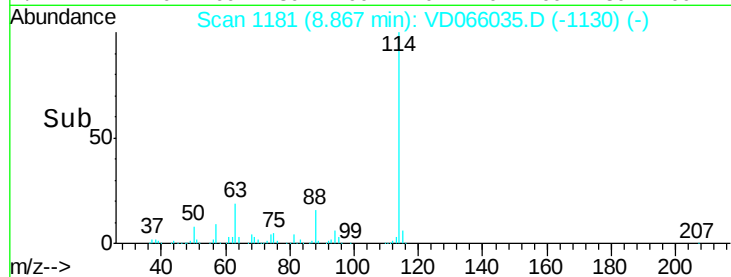
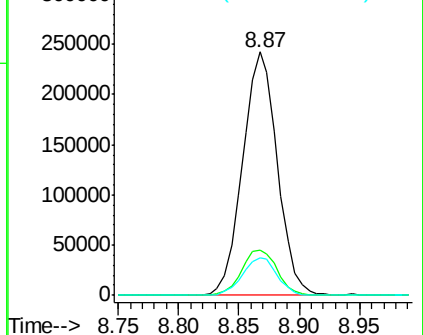
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066035.D
 Acq: 23 Jul 2020 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.6
88	15.6	0.0	31.2

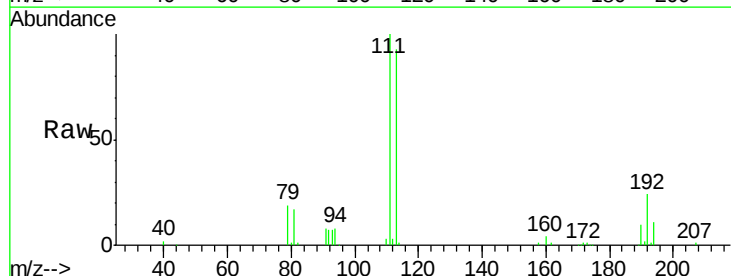


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

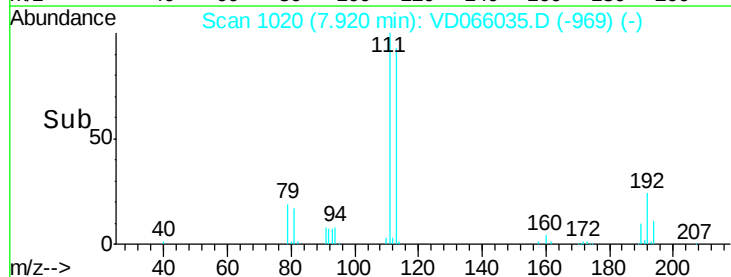
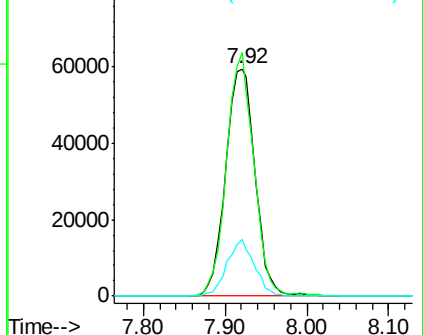


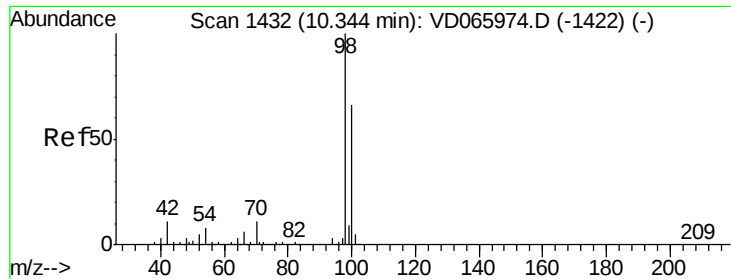
#35
 Dibromofluoromethane
 Concen: 50.425 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD066035.D
 Acq: 23 Jul 2020 20:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.2	124.8
192	23.2	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

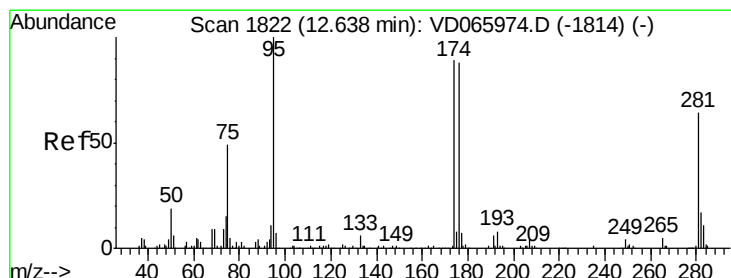
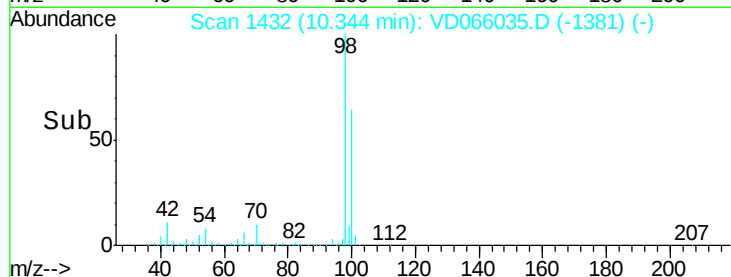
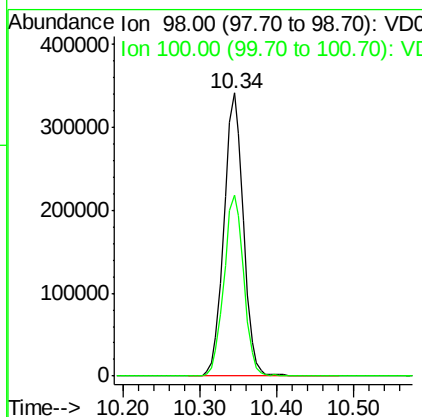
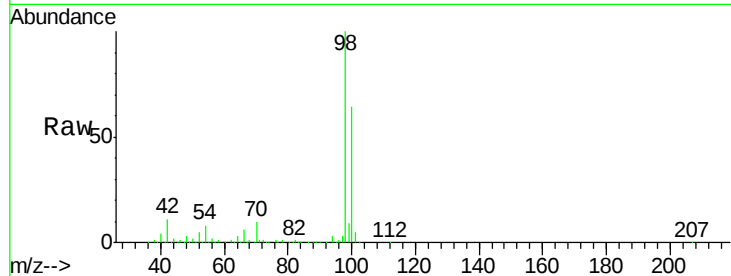




#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066035.D
Acq: 23 Jul 2020 20:09

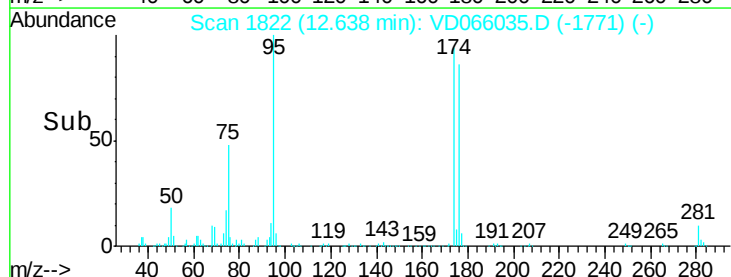
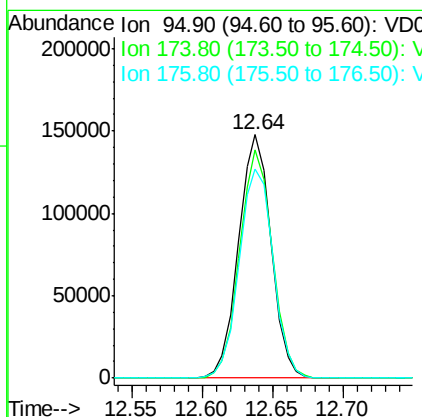
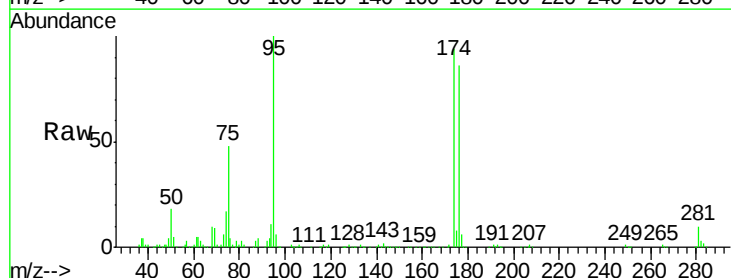
Instrument :
MSVOA_D
ClientSampleId :
VOC

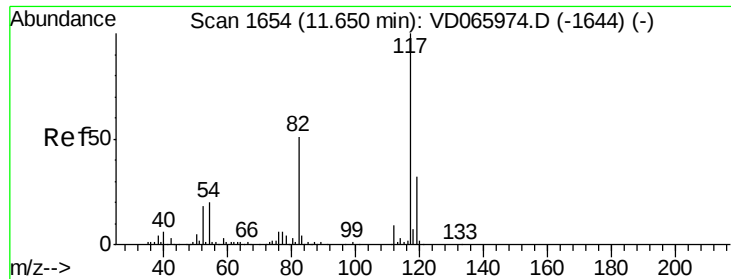
Tot Ion: 98 Resp: 601359
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 62.415 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066035.D
Acq: 23 Jul 2020 20:09

Tgt Ion: 95 Resp: 238086
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.8
176 89.5 0.0 172.6

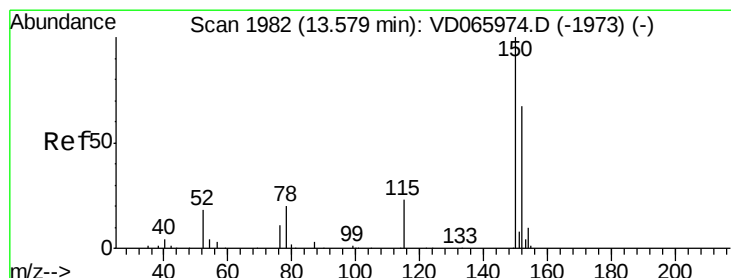
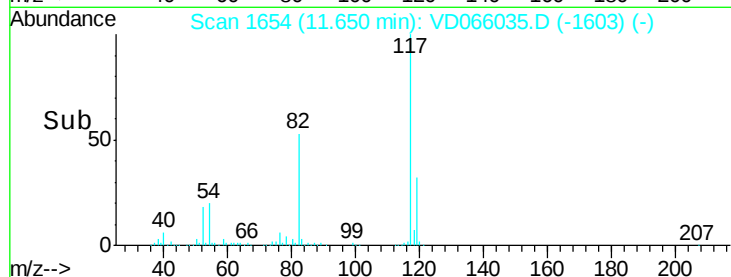
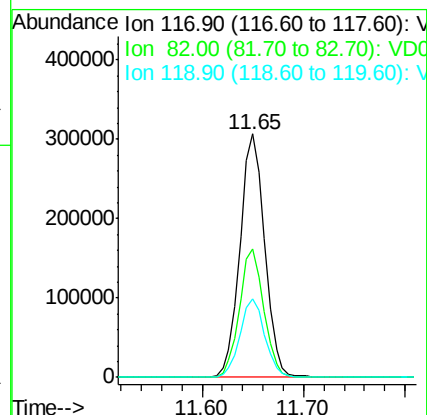
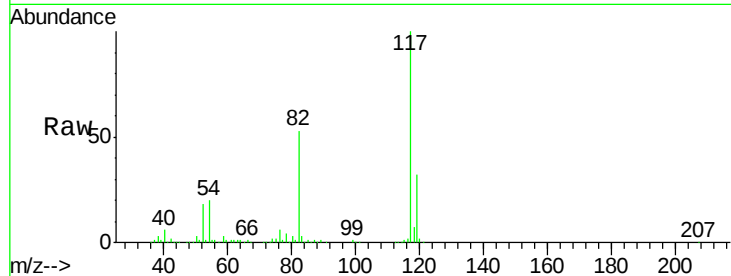




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066035.D
Acq: 23 Jul 2020 20:09

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:117 Resp: 520538
Ion Ratio Lower Upper
117 100
82 52.9 41.1 61.7
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066035.D
Acq: 23 Jul 2020 20:09

Tgt Ion:152 Resp: 274212
Ion Ratio Lower Upper
152 100
115 54.3 27.9 83.7
150 155.5 0.0 348.2

