

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066034.D
 Acq On : 23 Jul 2020 19:42
 Operator : VA/SY
 Sample : L3374-02
 Misc : 8.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3A

Quant Time: Jul 24 04:42:56 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	7.99	168	309814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	512910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271564	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	126902	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.92	113	146953	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.34	98	579669	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.64	95	230706	60.92	ug/l	0.00
Spiked Amount			Recovery	=	121.84%	

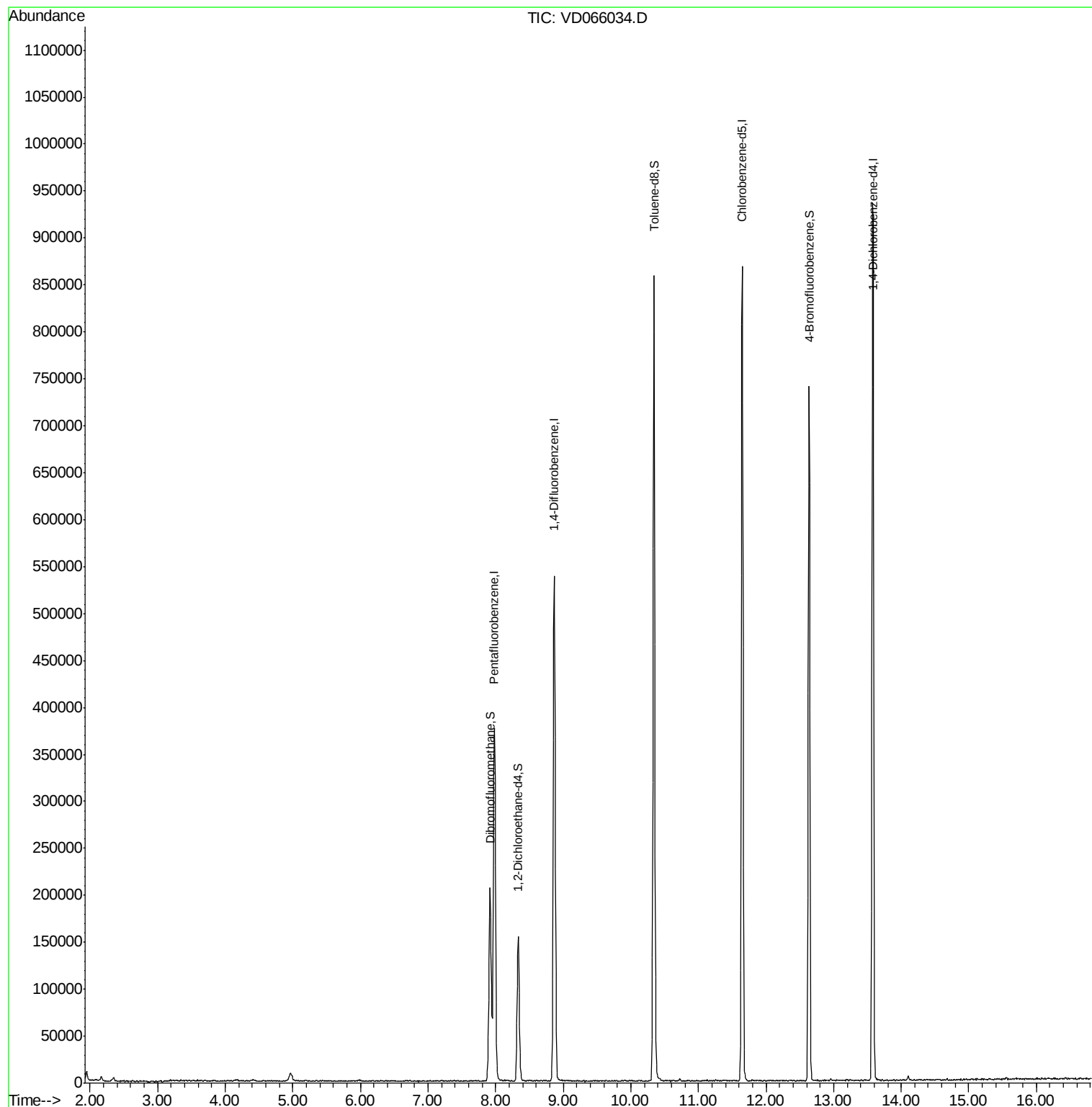
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066034.D

Acq: 23 Jul 2020 19:42

Instrument :

MSVOA_D

ClientSampleId :

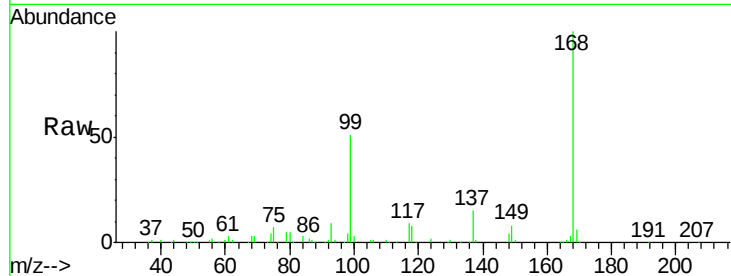
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:168 Resp: 309814

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

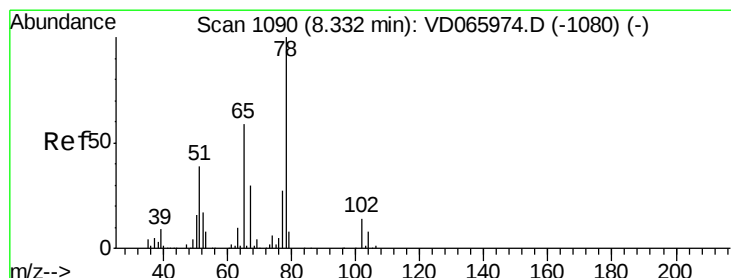
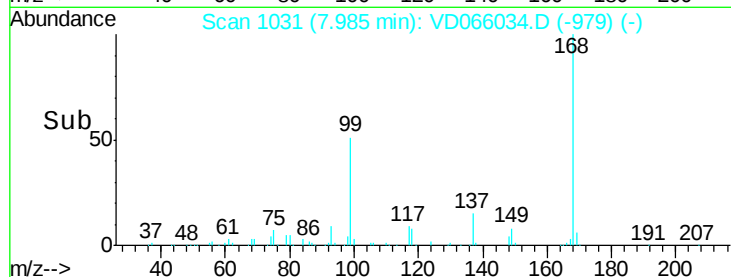
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.339 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066034.D

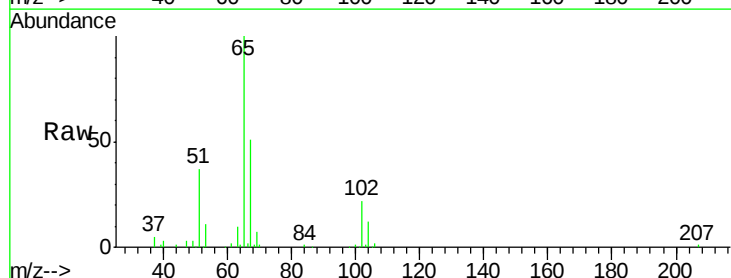
Acq: 23 Jul 2020 19:42

Tgt Ion: 65 Resp: 126902

Ion Ratio Lower Upper

65 100

67 51.6 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

60000

50000

40000

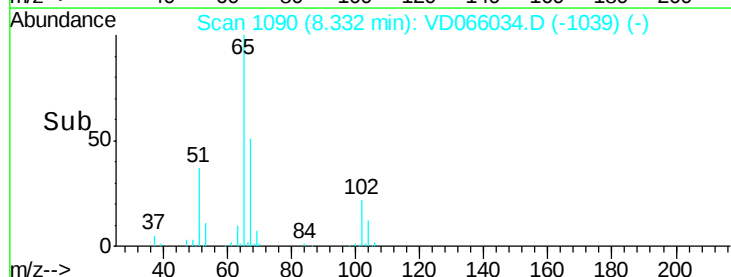
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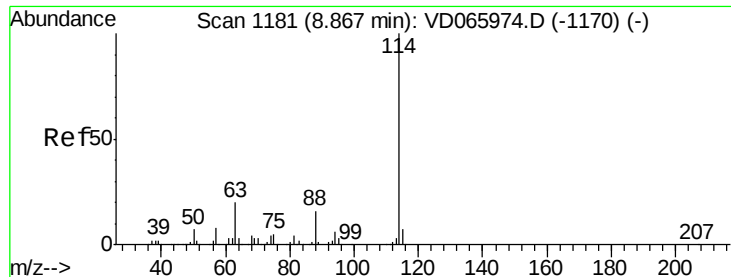
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Time-->

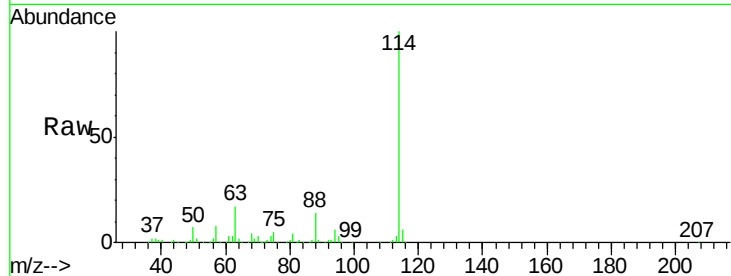




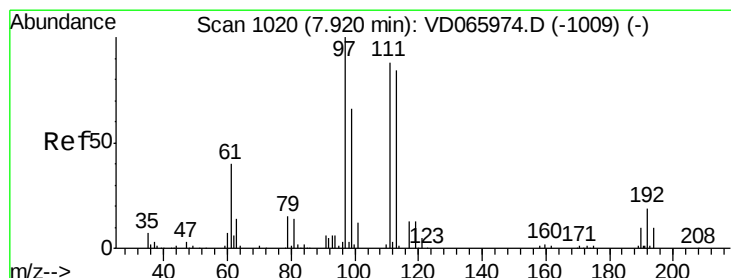
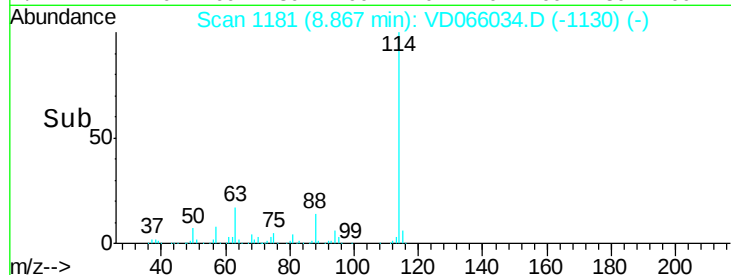
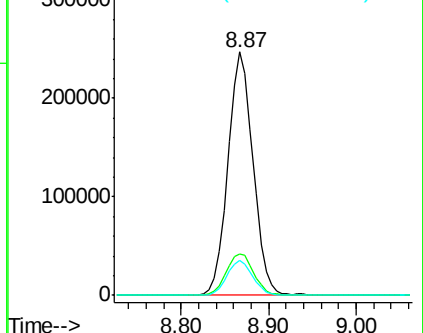
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD066034.D
Acq: 23 Jul 2020 19:42

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	39.6
88	14.2	0.0	31.2

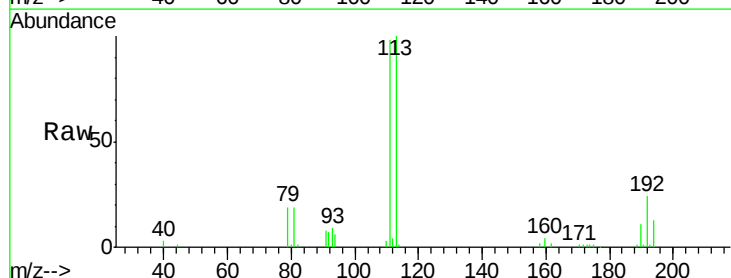


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

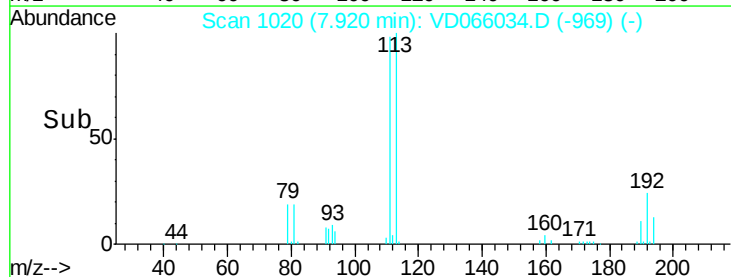
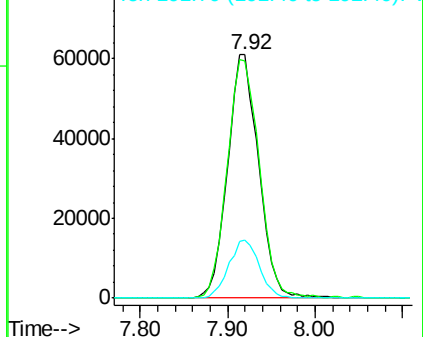


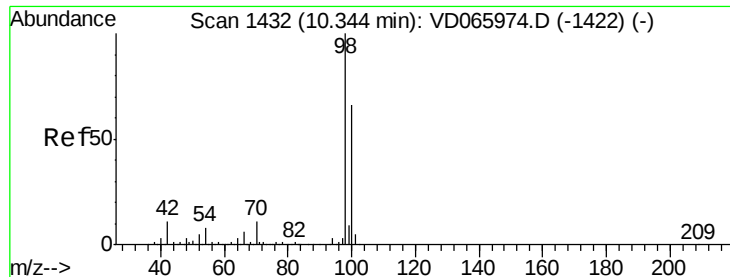
#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD066034.D
Acq: 23 Jul 2020 19:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	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

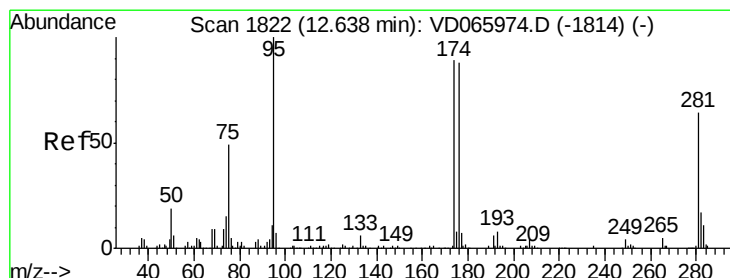
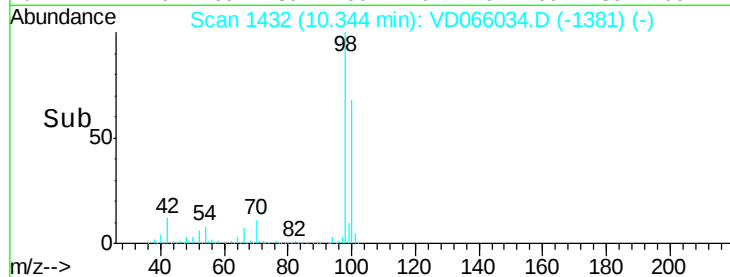
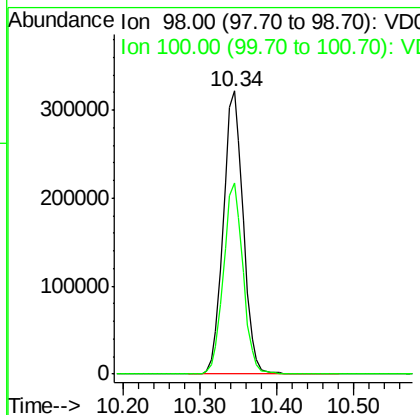
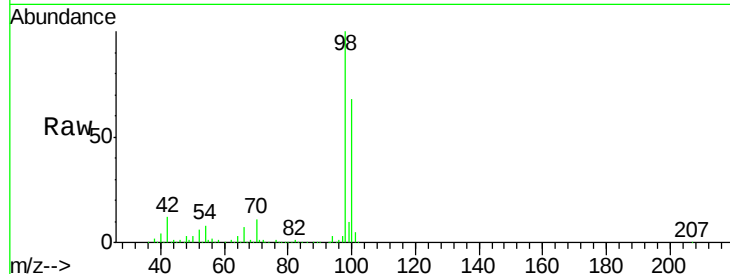




#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066034.D
Acq: 23 Jul 2020 19:42

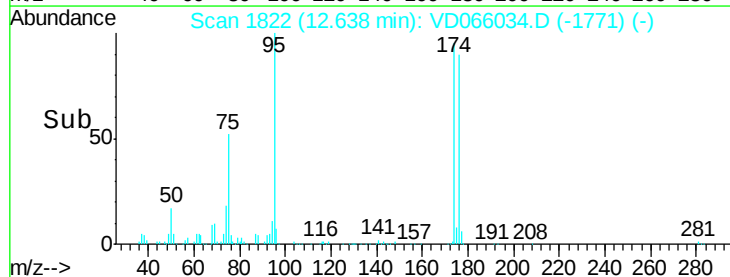
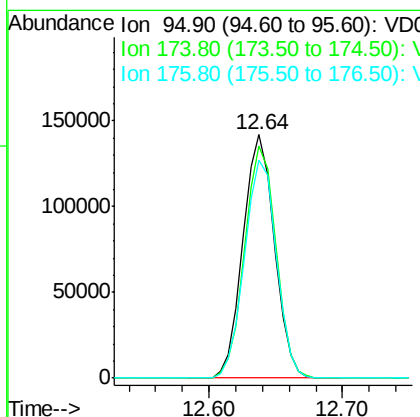
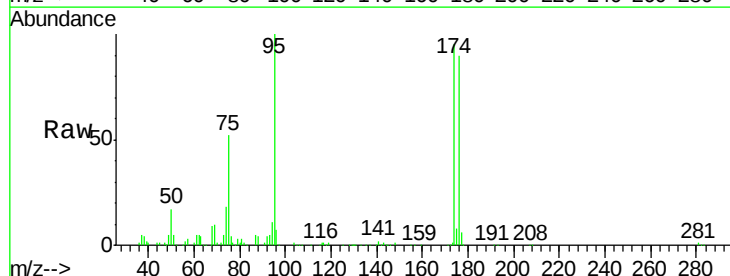
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

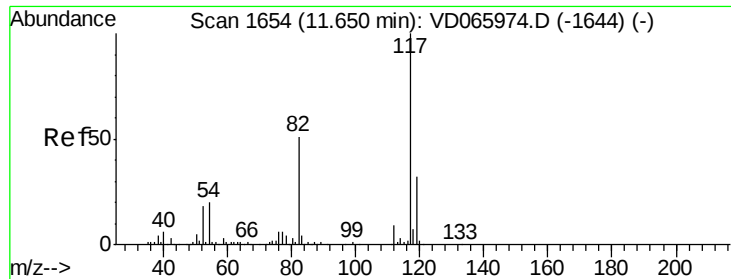
Tot Ion: 98 Resp: 579669
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 60.923 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066034.D
Acq: 23 Jul 2020 19:42

Tgt Ion: 95 Resp: 230706
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.8
176 90.8 0.0 172.6

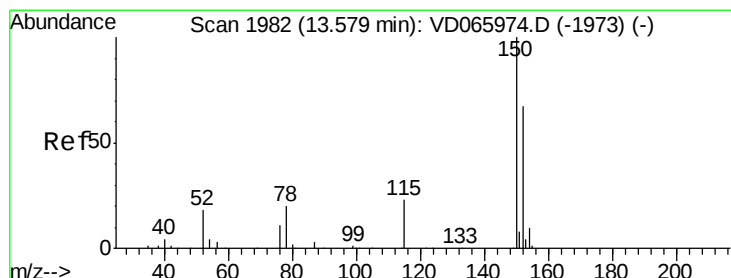
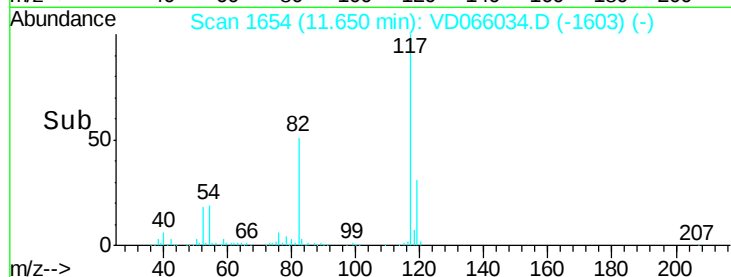
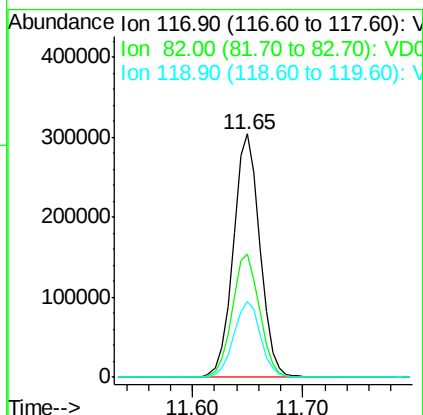
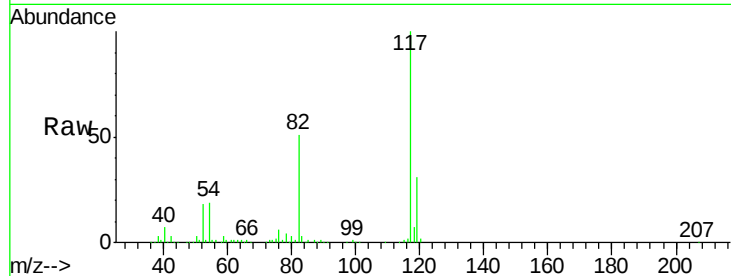




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066034.D
Acq: 23 Jul 2020 19:42

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:117 Resp: 512910
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 31.4 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: VD066034.D
Acq: 23 Jul 2020 19:42

Tgt Ion:152 Resp: 271564
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 156.8 0.0 348.2

