

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066057.D
 Acq On : 24 Jul 2020 19:46
 Operator : VA/SY
 Sample : L3436-02
 Misc : 6.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2

Quant Time: Jul 25 00:53:48 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

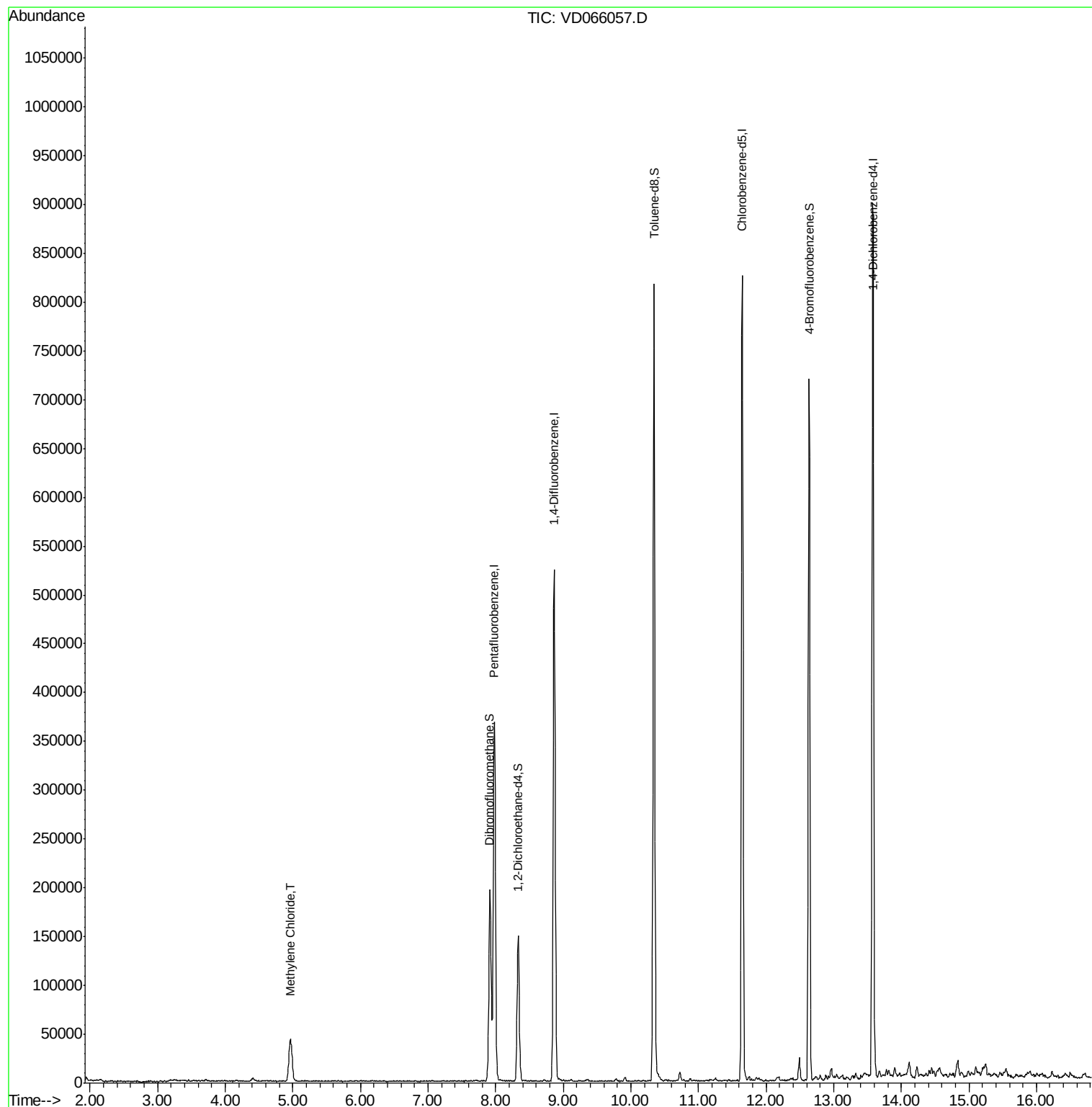
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	459876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	253160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119364	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	7.91	113	140967	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	10.34	98	553608	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.64	95	222006	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
Target Compounds						
20) Methylene Chloride	4.96	84	35575	10.712	ug/l	Qvalue 91

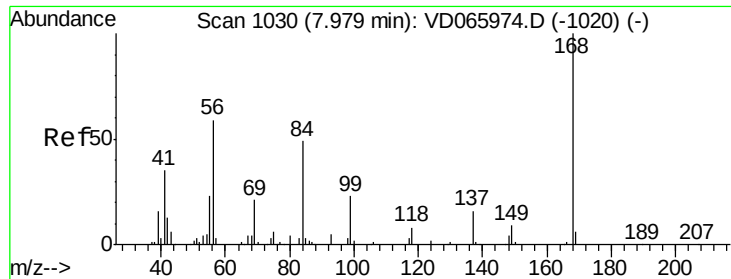
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066057.D

Acq: 24 Jul 2020 19:46

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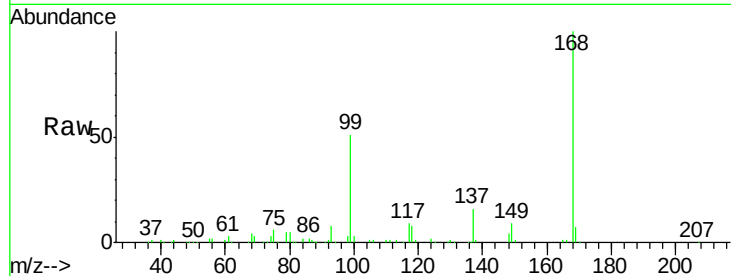
2

Tot Ion:168 Resp: 299512

Ion Ratio Lower Upper

168 100

99 51.1 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

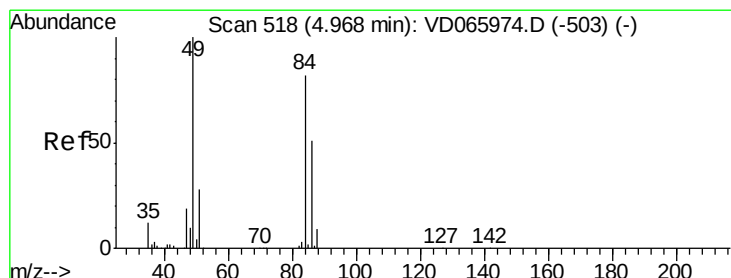
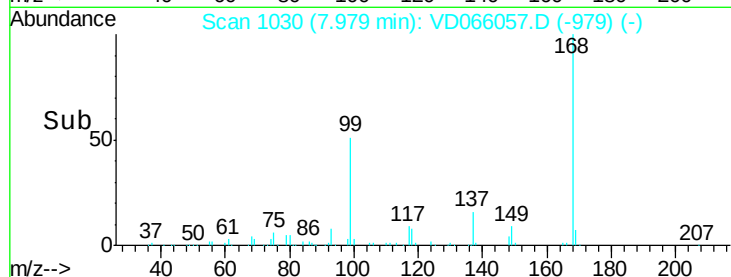
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 10.712 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066057.D

Acq: 24 Jul 2020 19:46

Tgt Ion: 84 Resp: 35575

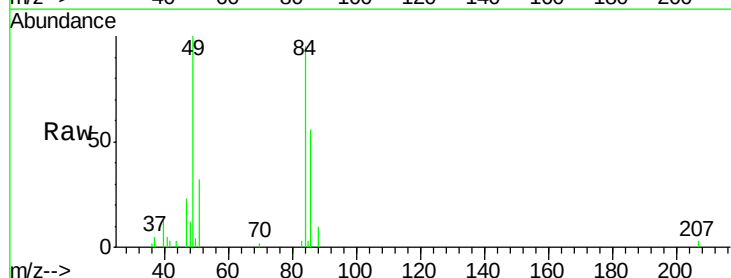
Ion Ratio Lower Upper

84 100

49 105.7 97.7 146.5

51 34.3 27.4 41.2

86 58.9 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

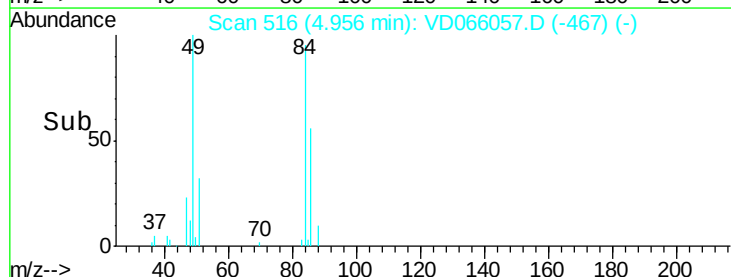
10000

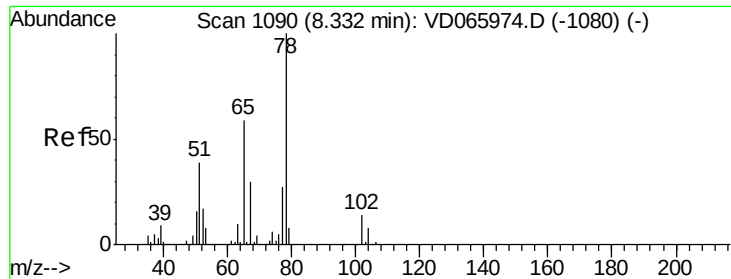
5000

0

4.90 5.00

Time-->

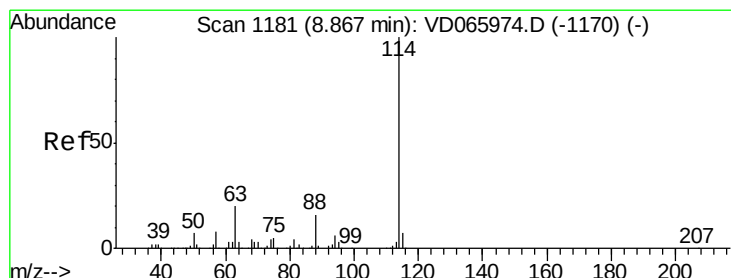
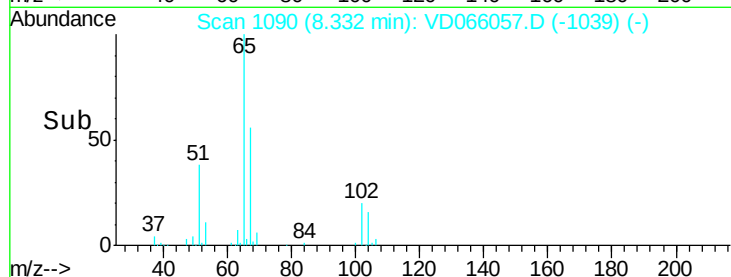
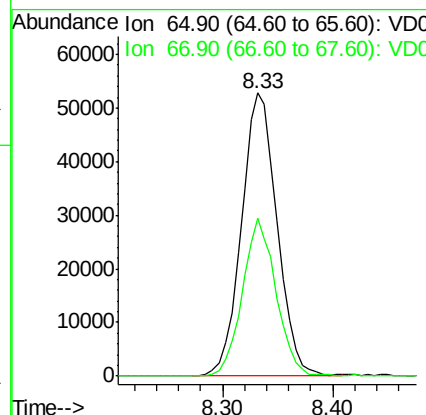
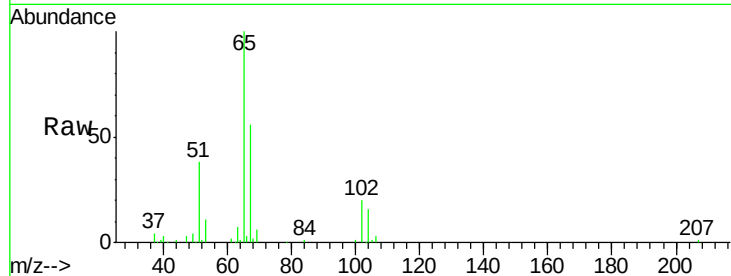




#33
 1,2-Dichloroethane-d4
 Concen: 48.978 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066057.D
 Acq: 24 Jul 2020 19:46

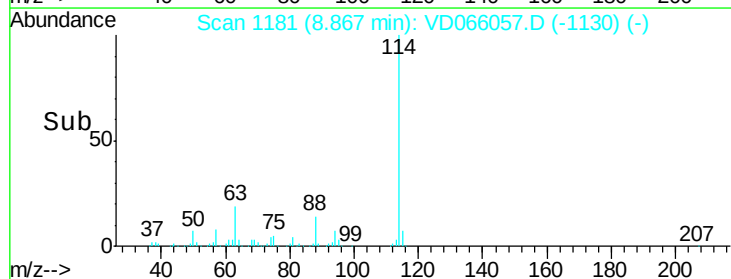
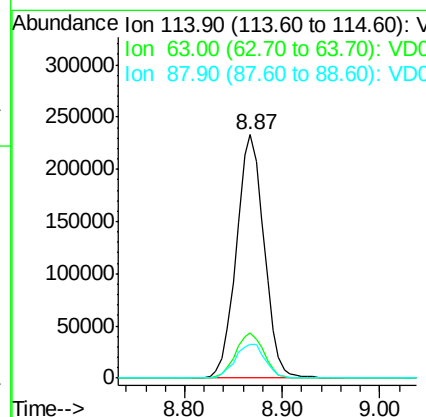
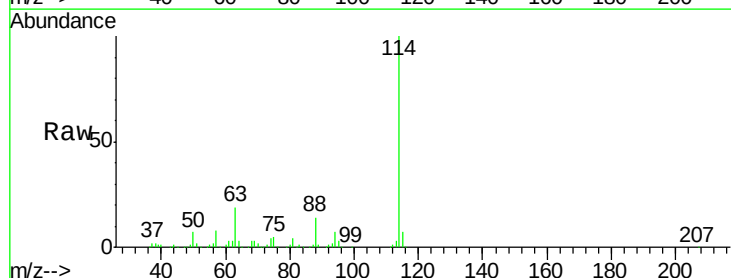
Instrument :
 MSVOA_D
 ClientSampleId :
 2

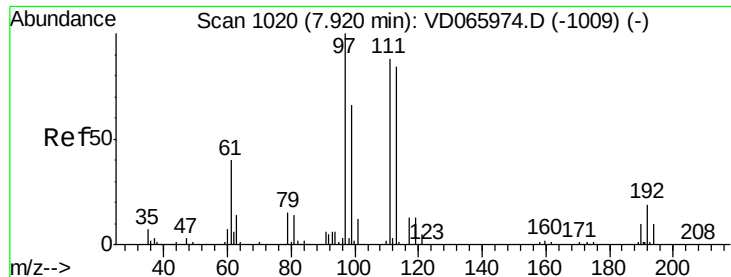
Tot Ion: 65 Resp: 119364
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066057.D
 Acq: 24 Jul 2020 19:46

Tgt Ion: 114 Resp: 459876
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 14.0 0.0 31.2

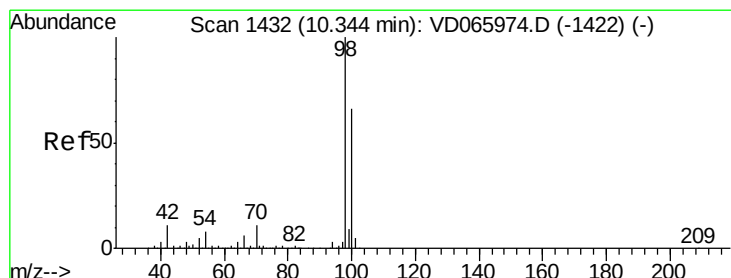
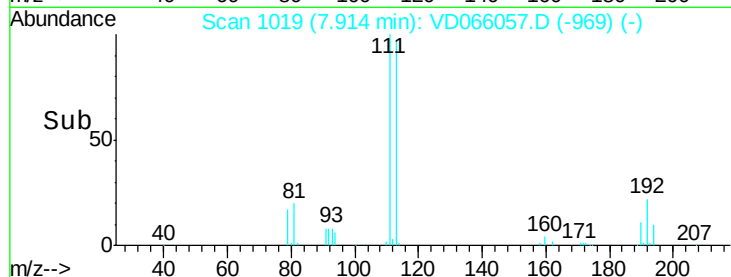
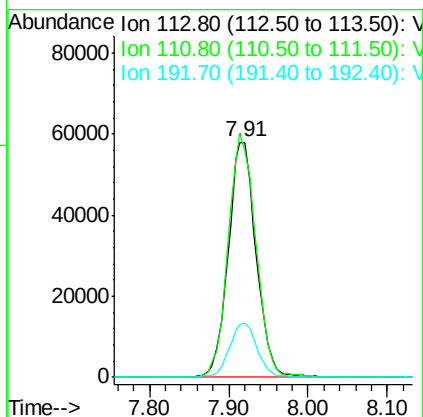
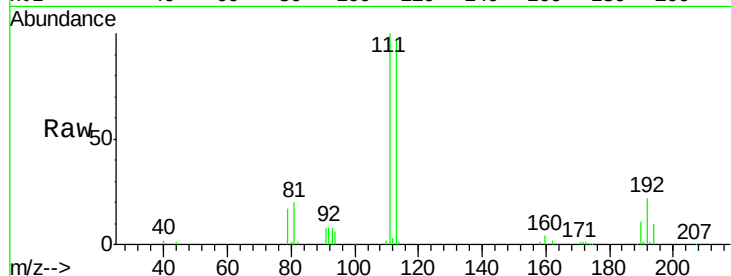




#35
Dibromofluoromethane
Concen: 50.539 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066057.D
Acq: 24 Jul 2020 19:46

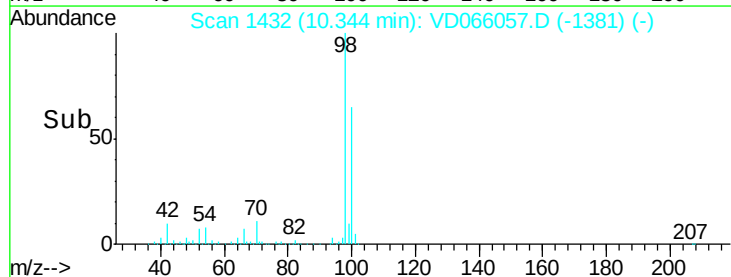
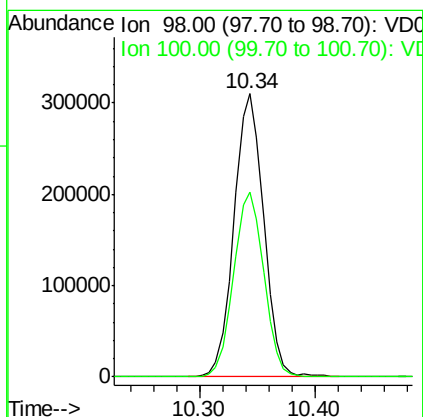
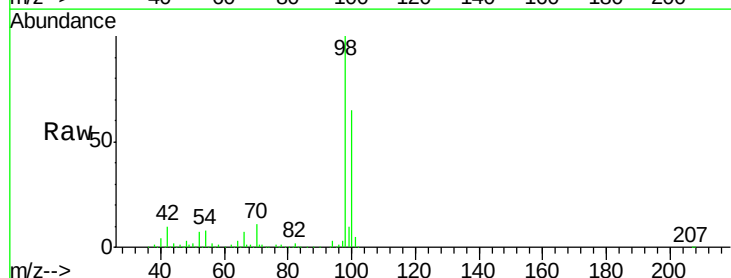
Instrument :
MSVOA_D
ClientSampleId :
2

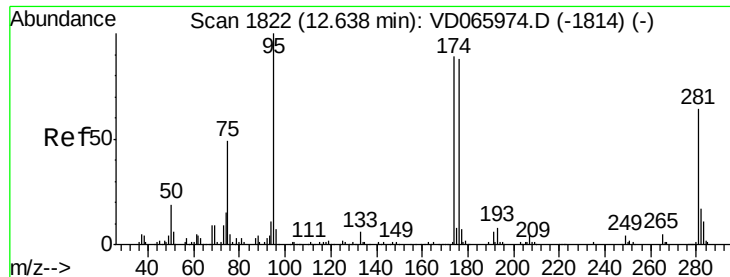
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.2	124.8
192	22.6	18.7	28.1



#50
Toluene-d8
Concen: 53.278 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066057.D
Acq: 24 Jul 2020 19:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.7	79.1

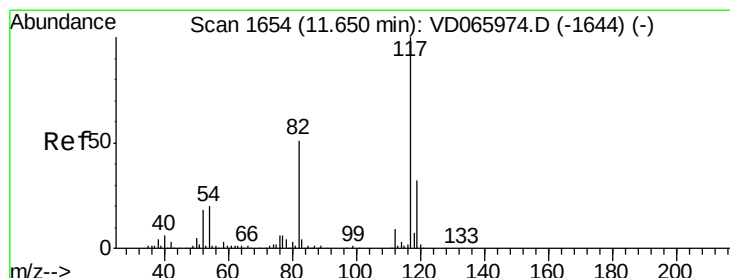
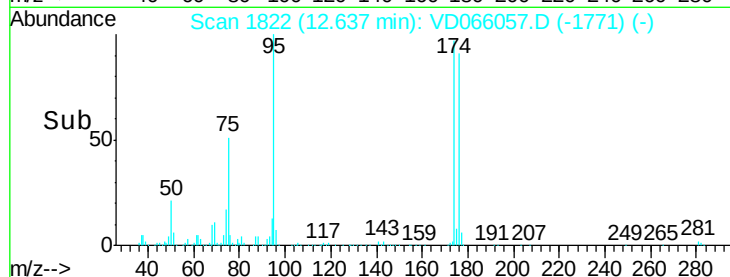
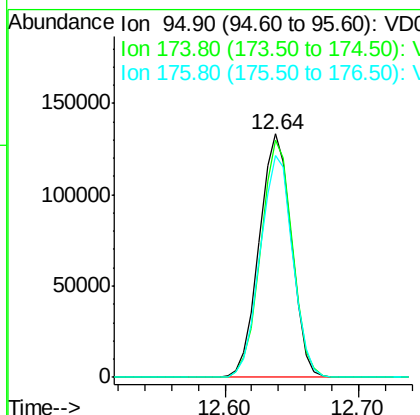
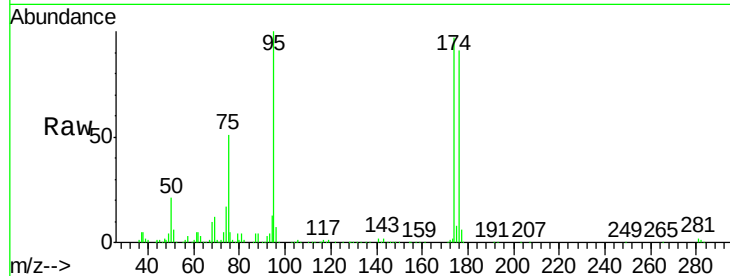




#62
4-Bromofluorobenzene
Concen: 61.619 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066057.D
Acq: 24 Jul 2020 19:46

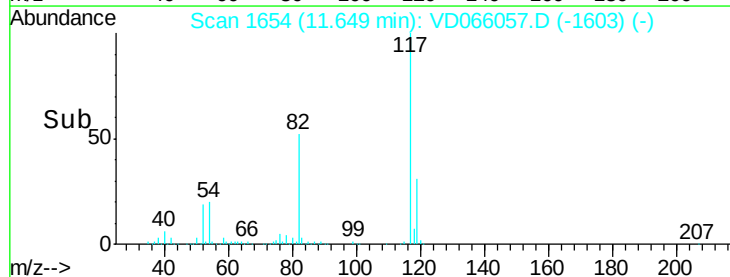
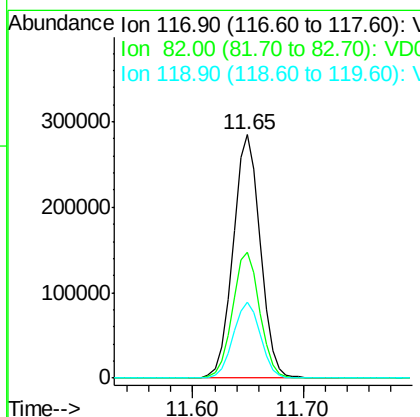
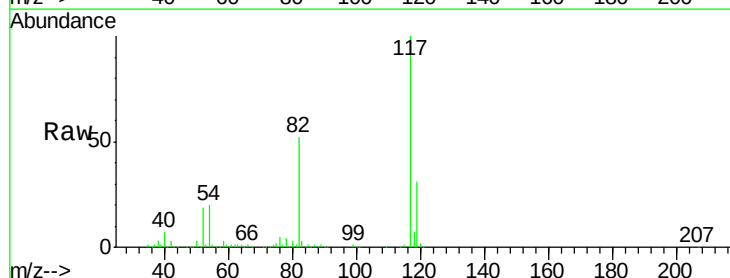
Instrument :
MSVOA_D
ClientSampleId :
2

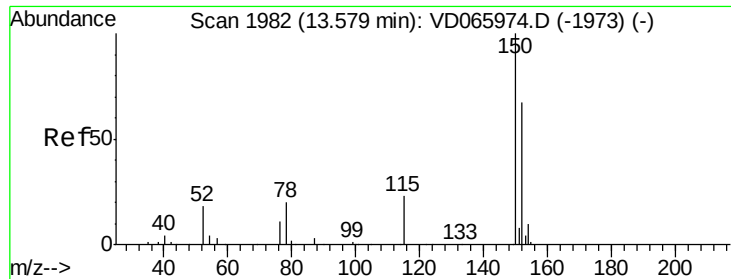
Tot Ion: 95 Resp: 222006
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.8
176 92.2 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066057.D
Acq: 24 Jul 2020 19:46

Tgt Ion: 117 Resp: 492229
Ion Ratio Lower Upper
117 100
82 51.7 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: VD066057.D

Acq: 24 Jul 2020 19:46

Instrument :

MSVOA_D

ClientSampleId :

2

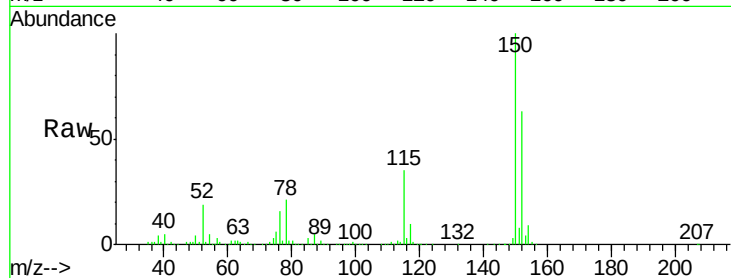
Tot Ion:152 Resp: 253160

Ion Ratio Lower Upper

152 100

115 55.8 27.9 83.7

150 159.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

