

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065981.D
 Acq On : 21 Jul 2020 15:44
 Operator : VA/SY
 Sample : L3308-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3

Quant Time: Jul 21 17:03:37 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

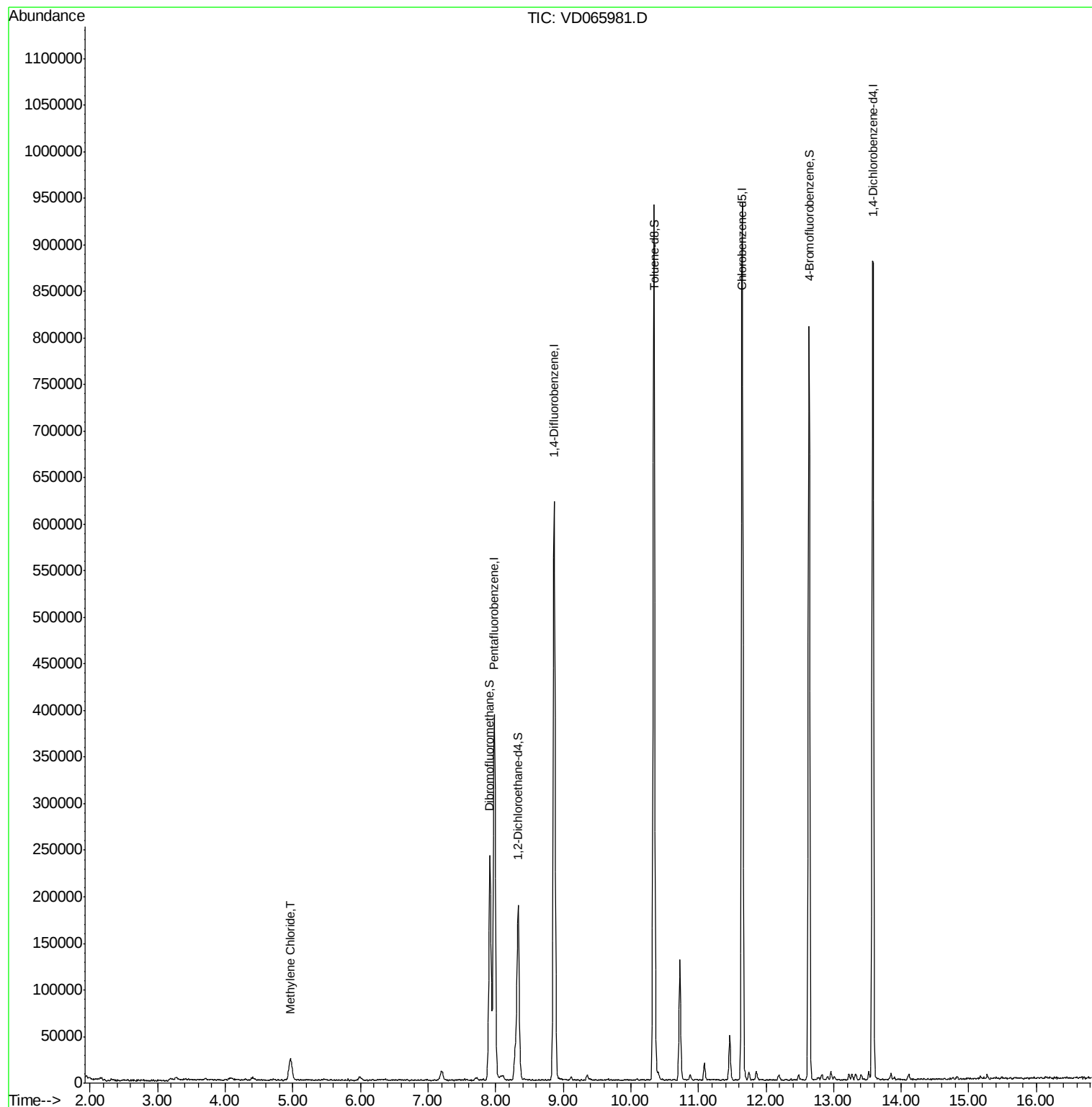
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	314082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	550298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	553838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	143415	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
35) Dibromofluoromethane	7.91	113	170419	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.34	98	655901	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.64	95	241203	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
Target Compounds						
20) Methylene Chloride	4.96	84	18706	3.800	ug/l	Qvalue 86

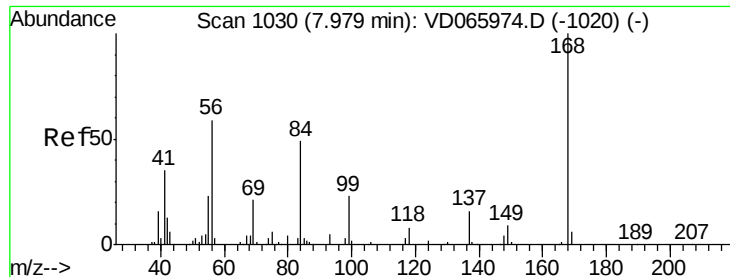
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065981.D

Acq: 21 Jul 2020 15:44

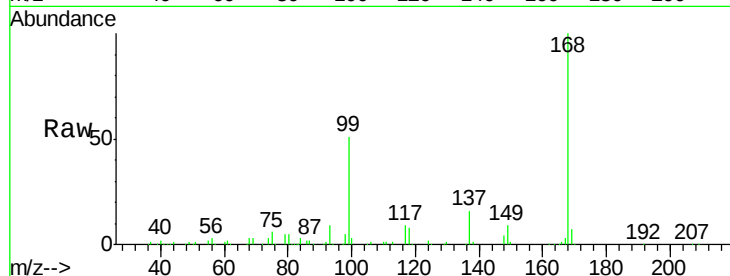
Instrument :
MSVOA_D
ClientSampled :
3

Tot Ion:168 Resp: 314082

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

7.98

150000

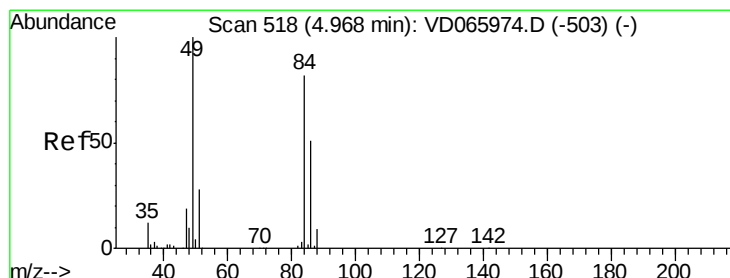
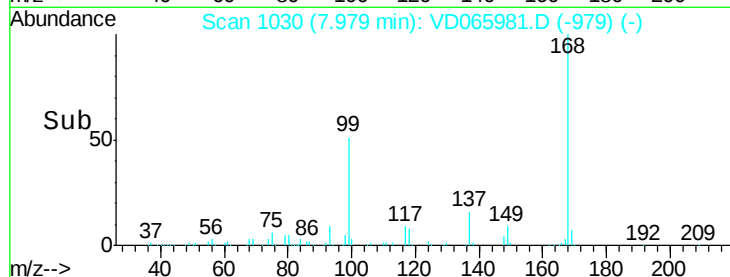
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 3.800 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065981.D

Acq: 21 Jul 2020 15:44

Tgt Ion: 84 Resp: 18706

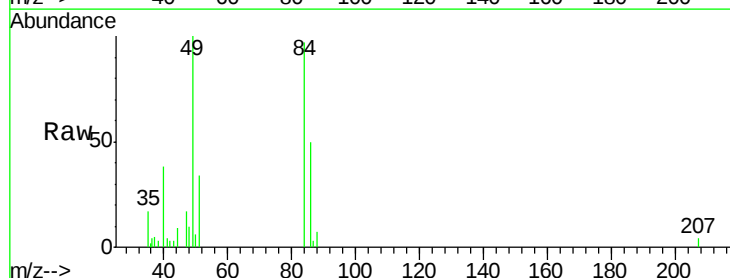
Ion Ratio Lower Upper

84 100

49 102.6 97.7 146.5

51 34.7 27.4 41.2

86 51.8 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

10000

8000

6000

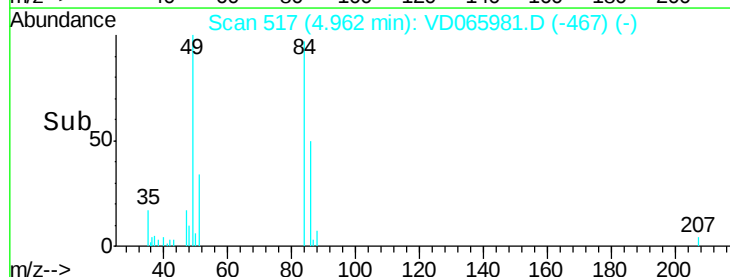
4000

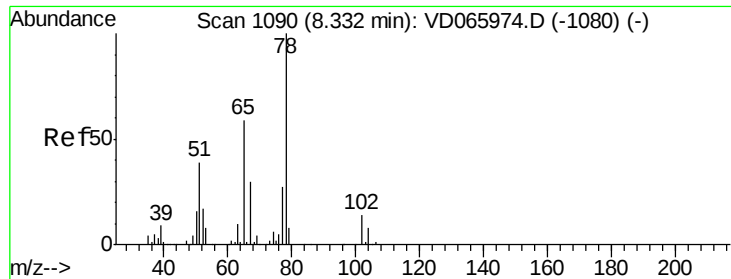
2000

0

4.90 5.00

Time-->

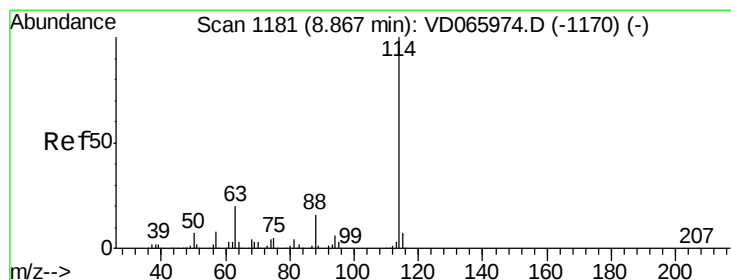
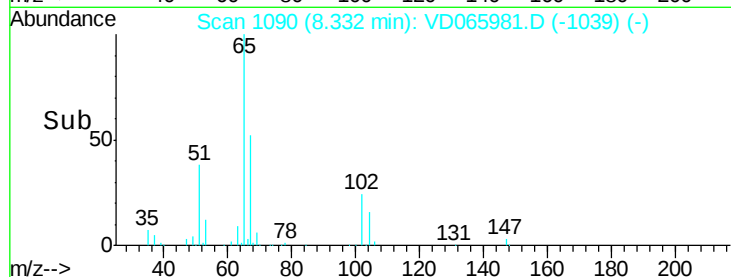
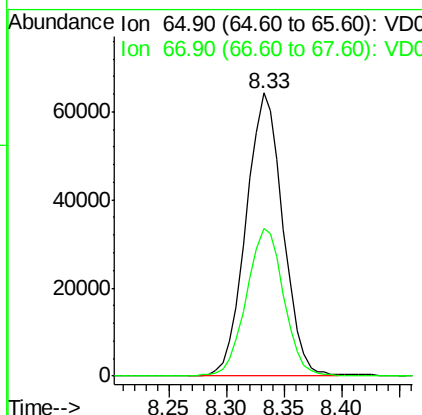
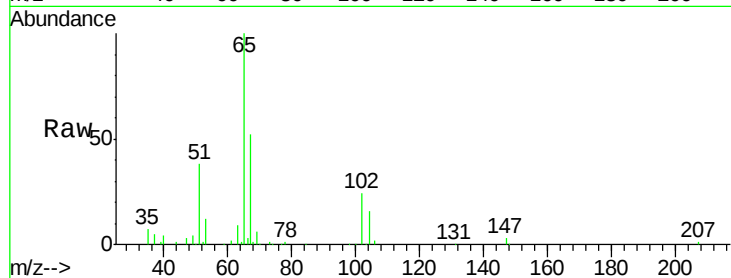




#33
 1,2-Dichloroethane-d4
 Concen: 56.117 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065981.D
 Acq: 21 Jul 2020 15:44

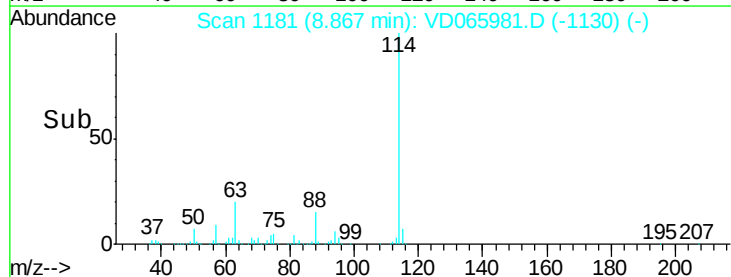
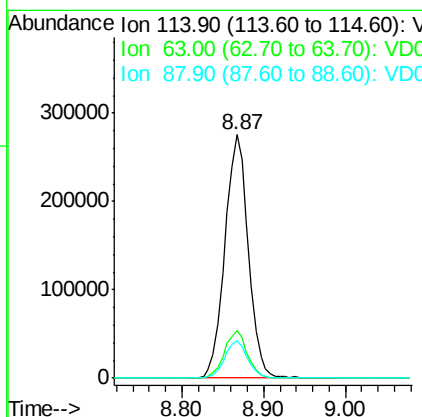
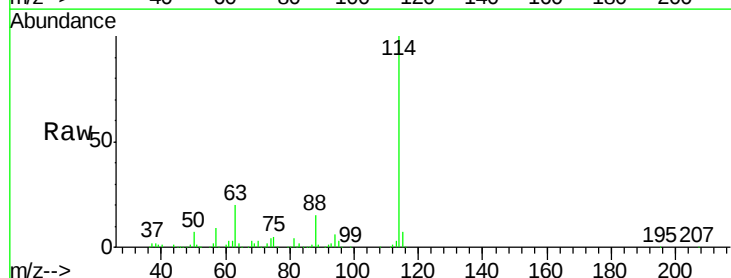
Instrument :
 MSVOA_D
 ClientSampleId :
 3

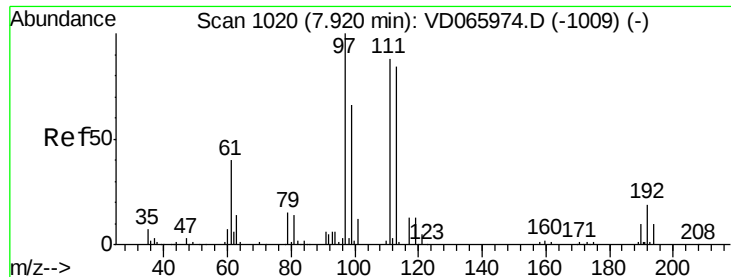
Tot Ion: 65 Resp: 143415
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065981.D
 Acq: 21 Jul 2020 15:44

Tgt Ion: 114 Resp: 550298
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 15.3 0.0 31.2

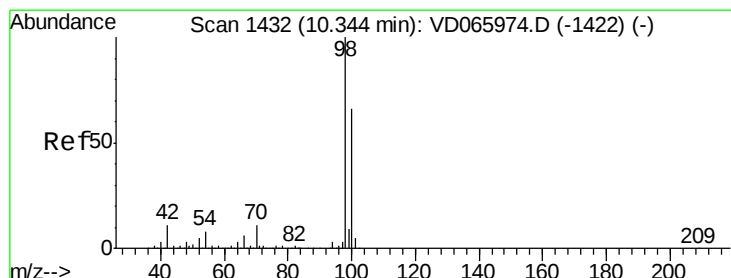
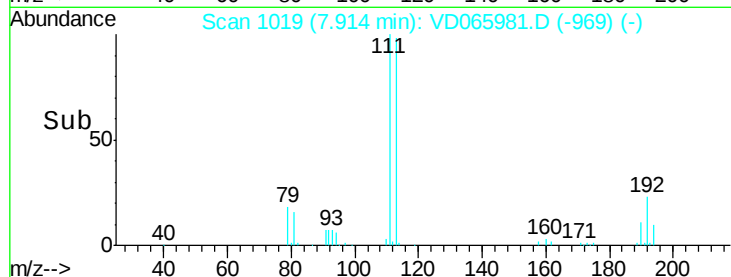
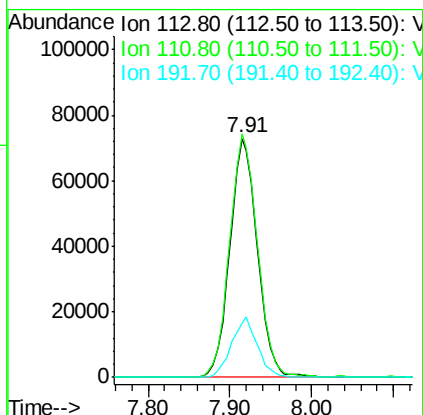
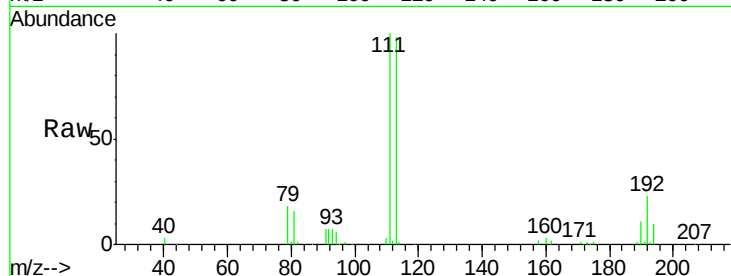




#35
 Dibromofluoromethane
 Concen: 51.058 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065981.D
 Acq: 21 Jul 2020 15:44

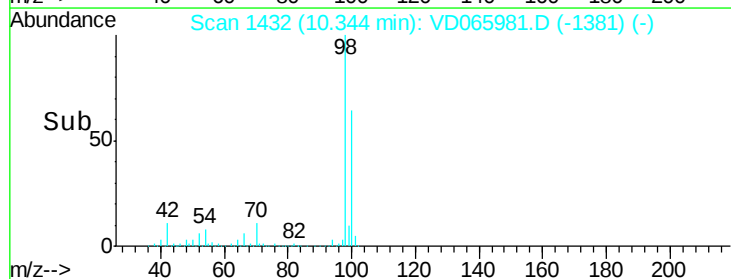
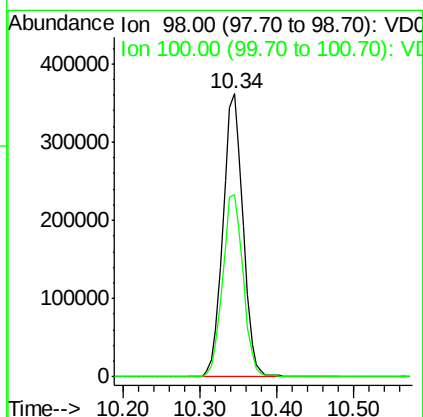
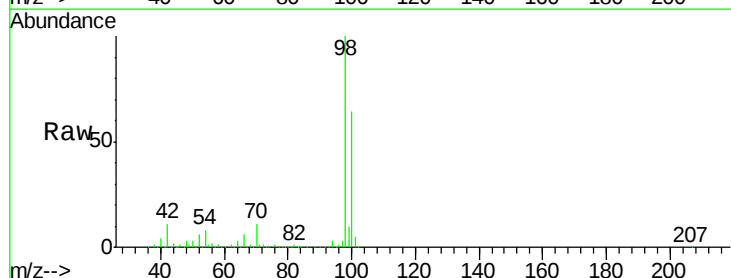
Instrument :
 MSVOA_D
 ClientSampleId :
 3

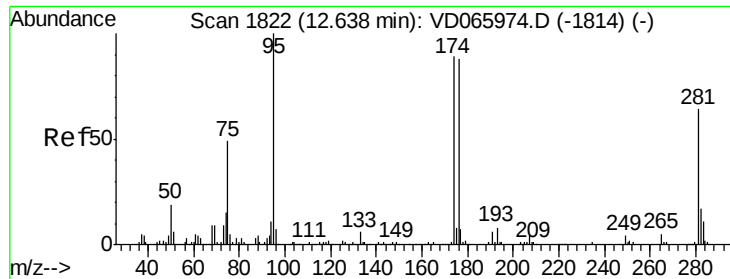
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.2	124.8
192	23.8	18.7	28.1



#50
 Toluene-d8
 Concen: 52.751 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065981.D
 Acq: 21 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

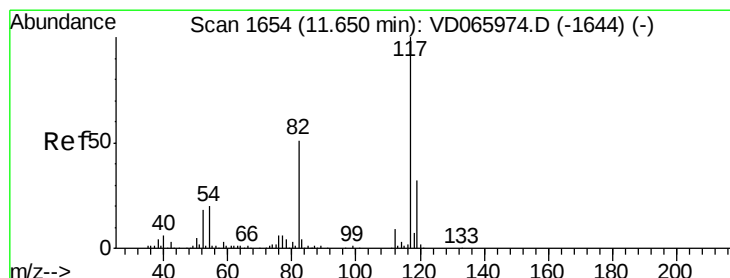
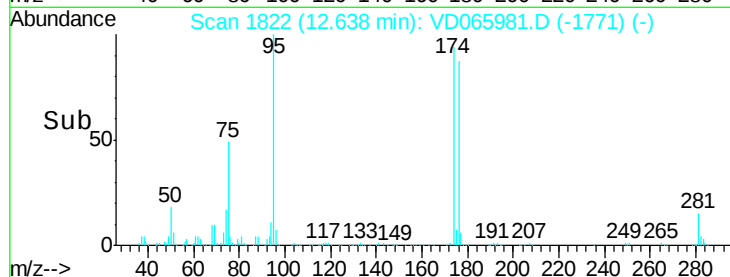
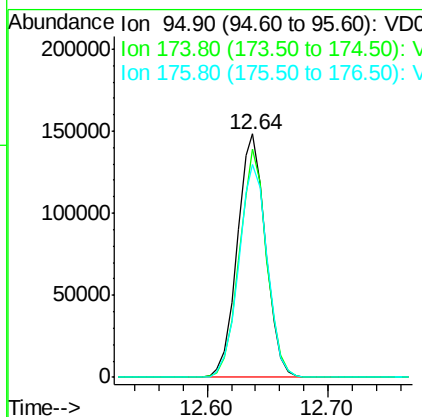
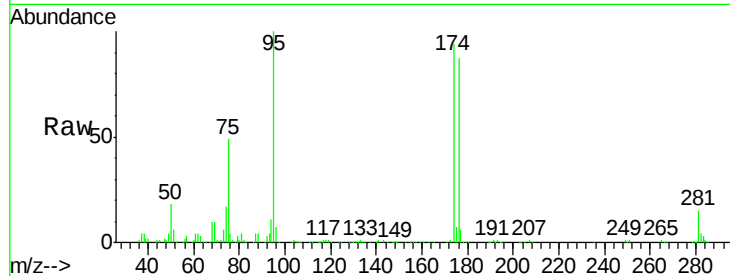




#62
4-Bromofluorobenzene
Concen: 55.947 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065981.D
Acq: 21 Jul 2020 15:44

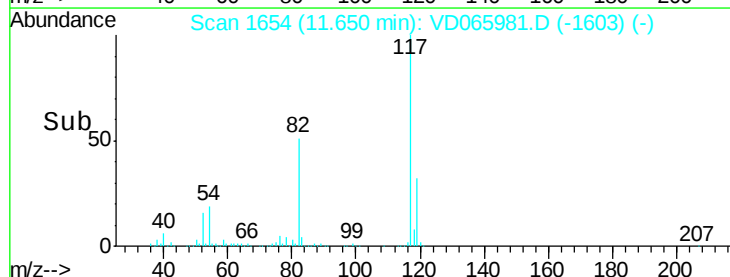
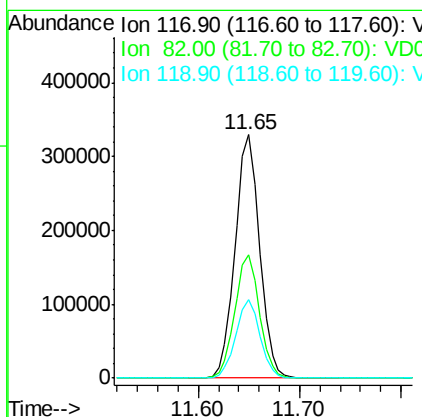
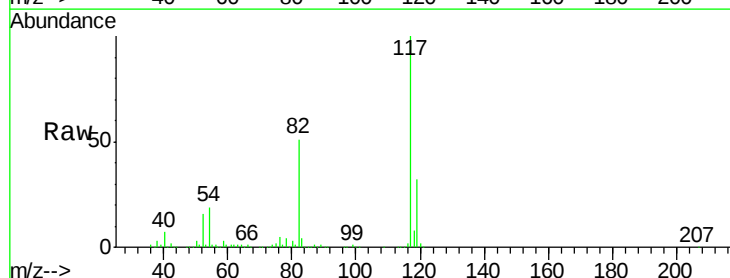
Instrument :
MSVOA_D
ClientSampleId :
3

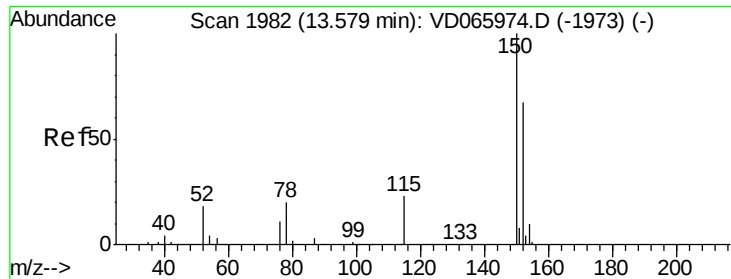
Tot Ion: 95 Resp: 241203
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.8
176 88.3 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065981.D
Acq: 21 Jul 2020 15:44

Tgt Ion: 117 Resp: 553838
Ion Ratio Lower Upper
117 100
82 50.9 41.1 61.7
119 32.3 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: VD065981.D

Acq: 21 Jul 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

3

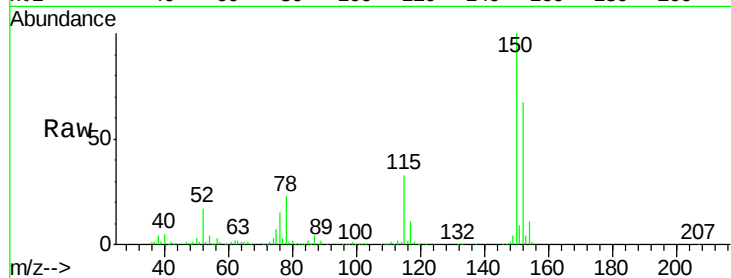
Tot Ion:152 Resp: 259635

Ion Ratio Lower Upper

152 100

115 53.7 27.9 83.7

150 156.8 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

