

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065832.D
 Acq On : 19 Jun 2020 16:53
 Operator : VA/SY
 Sample : L3024-10
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-7

Quant Time: Jun 20 02:35:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

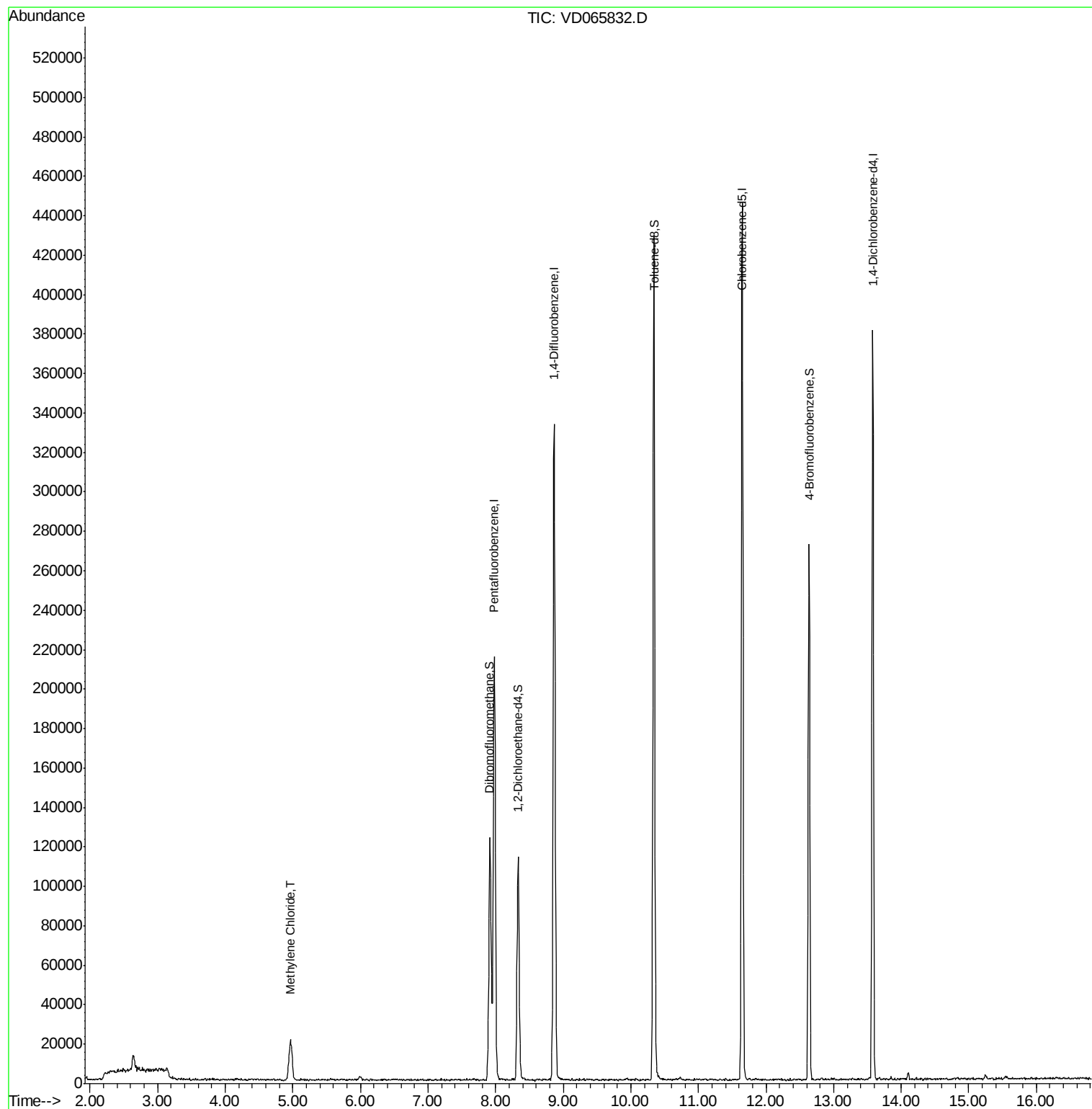
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	151005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	271626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	234930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	89995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	88604	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
35) Dibromofluoromethane	7.91	113	84783	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.34	98	289942	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
62) 4-Bromofluorobenzene	12.64	95	83677	38.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.14%	
Target Compounds						
20) Methylene Chloride	4.97	84	15374	6.406	ug/l	Qvalue 92

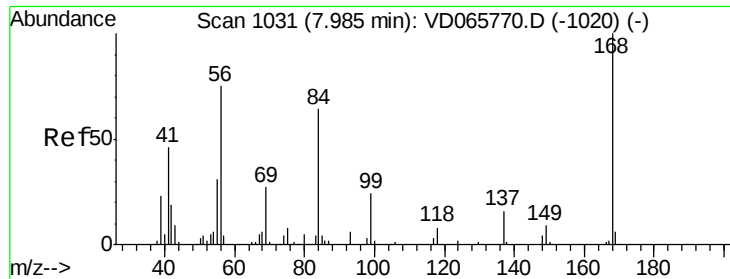
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065832.D

Acq: 19 Jun 2020 16:53

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MSVOA_D

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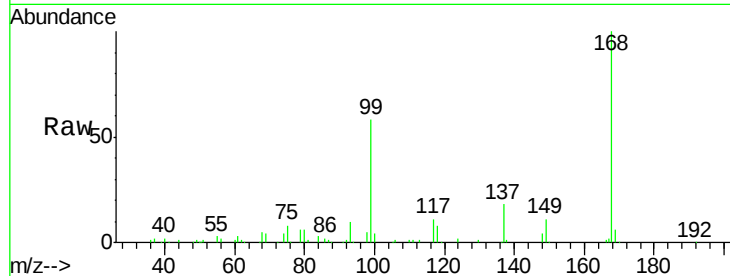
RO-7

Tot Ion:168 Resp: 151005

Ion Ratio Lower Upper

168 100

99 58.4 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

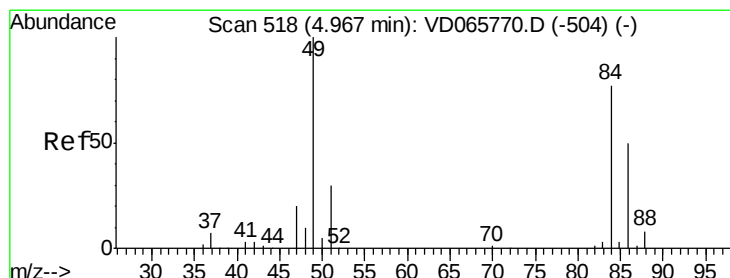
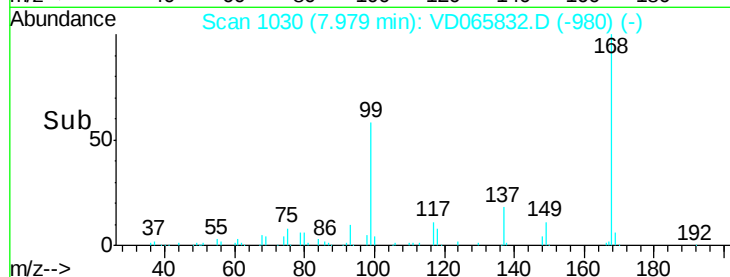
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.406 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065832.D

Acq: 19 Jun 2020 16:53

Tgt Ion: 84 Resp: 15374

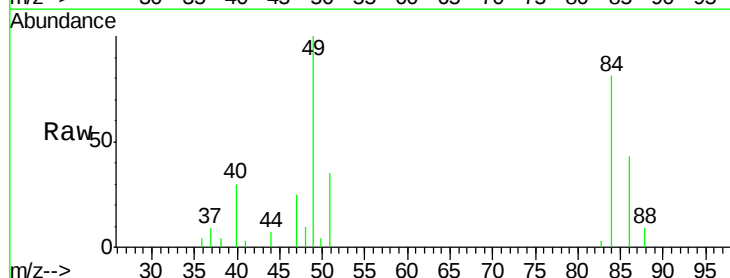
Ion Ratio Lower Upper

84 100

49 124.0 103.4 155.0

51 43.1 31.4 47.2

86 53.3 51.7 77.5



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

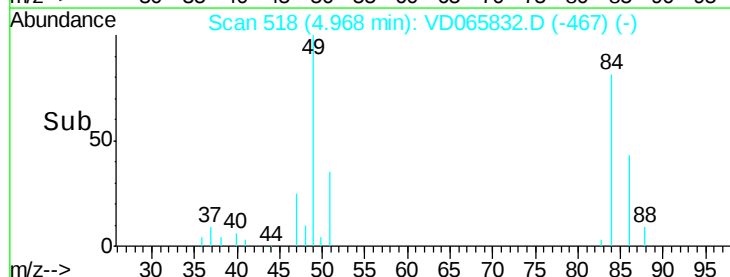
4000

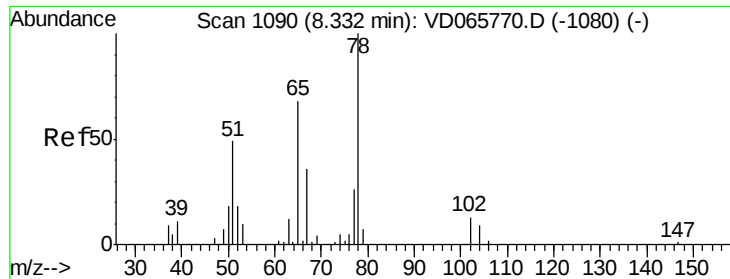
2000

0

Time-->

4.90 5.00

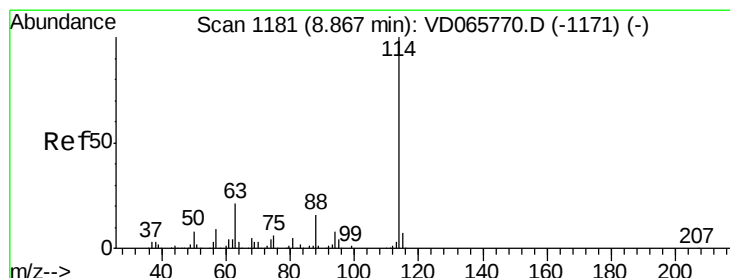
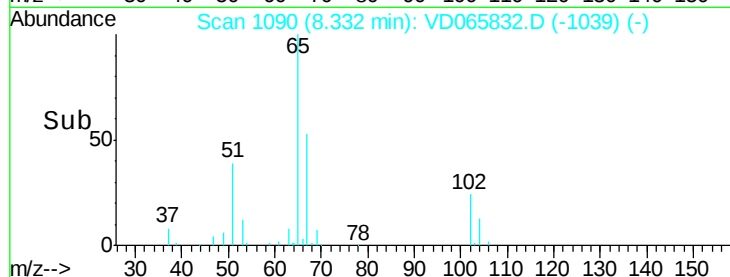
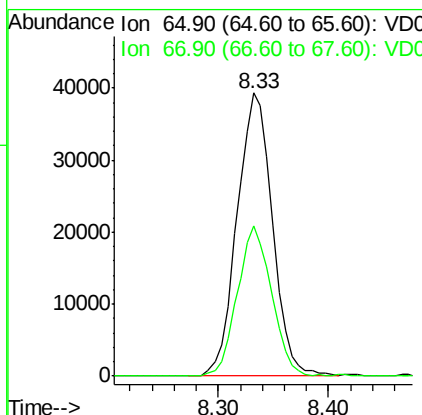
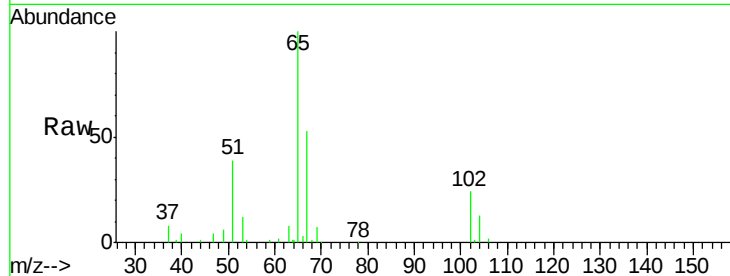




#33
 1,2-Dichloroethane-d4
 Concen: 59.381 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065832.D
 Acq: 19 Jun 2020 16:53

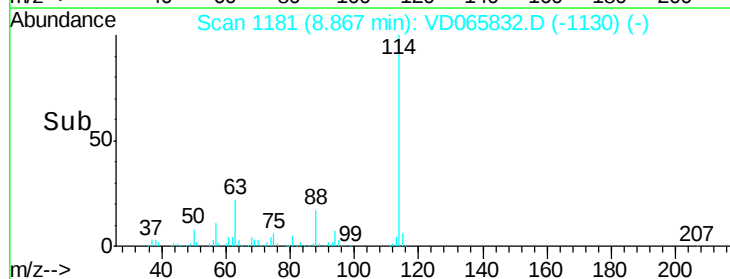
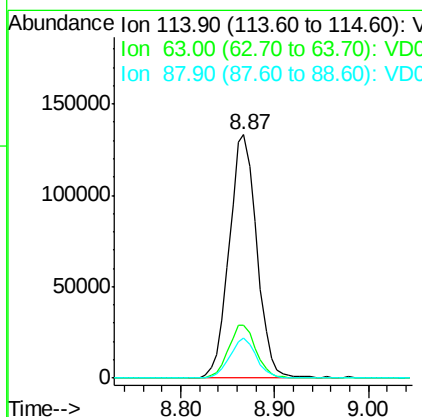
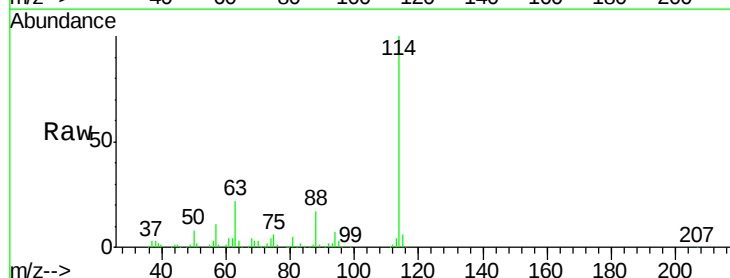
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-7

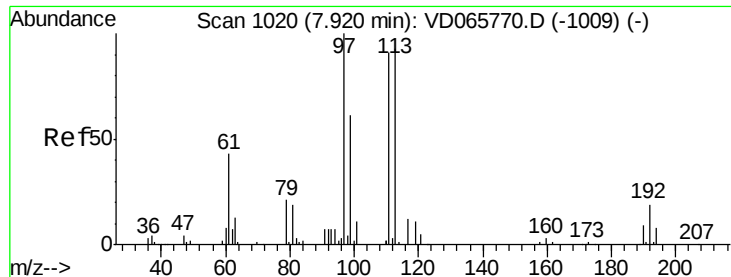
Tot Ion: 65 Resp: 88604
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065832.D
 Acq: 19 Jun 2020 16:53

Tgt Ion: 114 Resp: 271626
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.8
 88 16.7 0.0 32.0

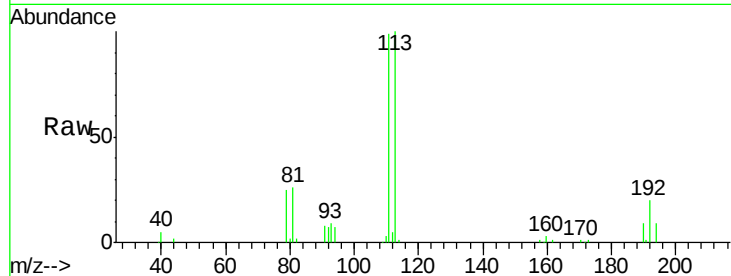




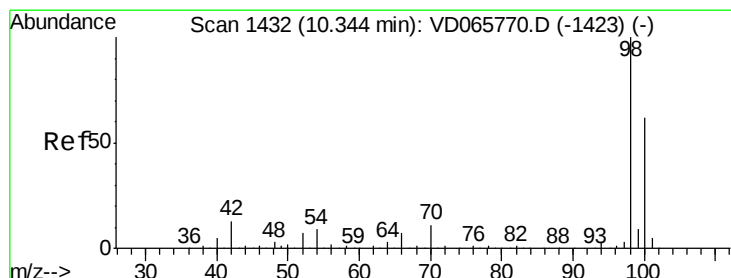
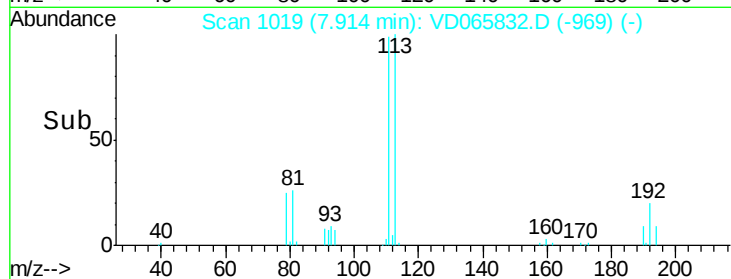
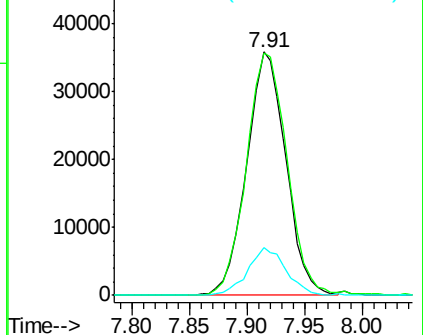
#35
Dibromofluoromethane
Concen: 49.415 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065832.D
Acq: 19 Jun 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
RO-7

Tot Ion:113 Resp: 84783
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.0
192 19.1 15.7 23.5

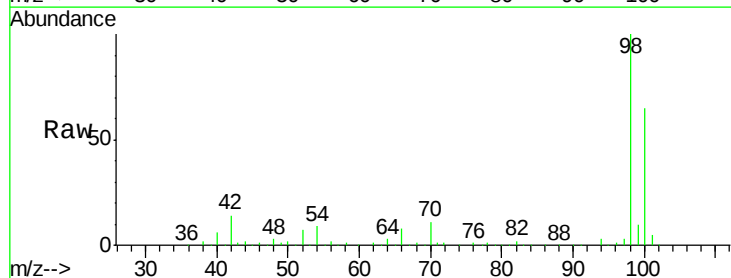


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

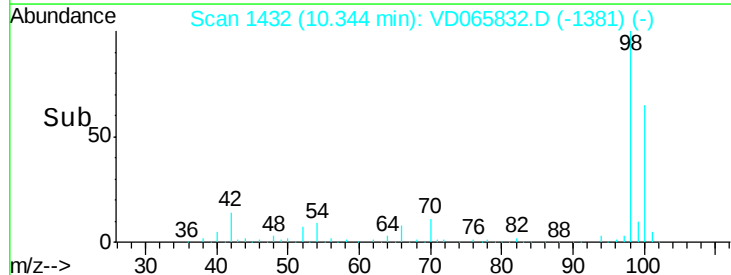
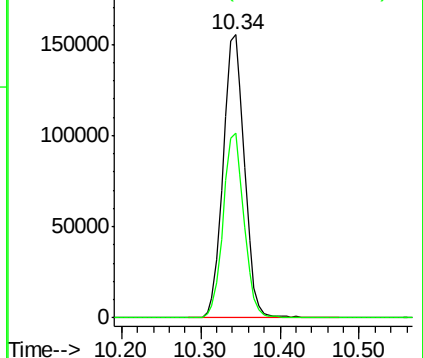


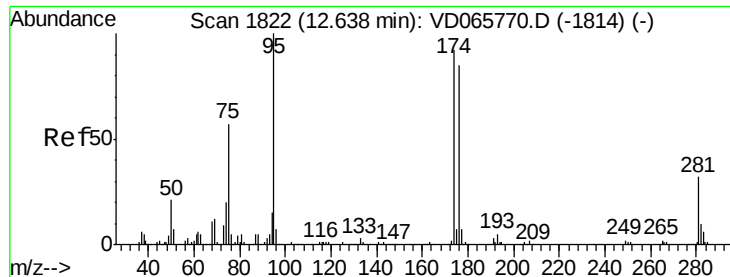
#50
Toluene-d8
Concen: 45.319 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065832.D
Acq: 19 Jun 2020 16:53

Tgt Ion: 98 Resp: 289942
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

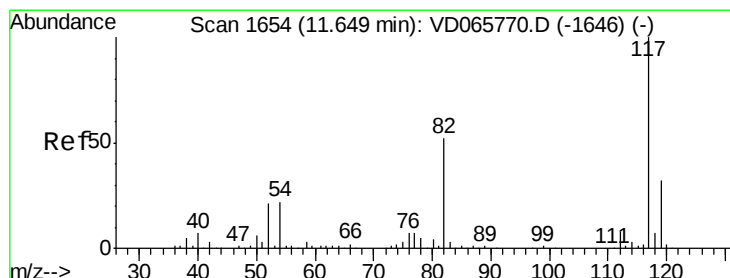
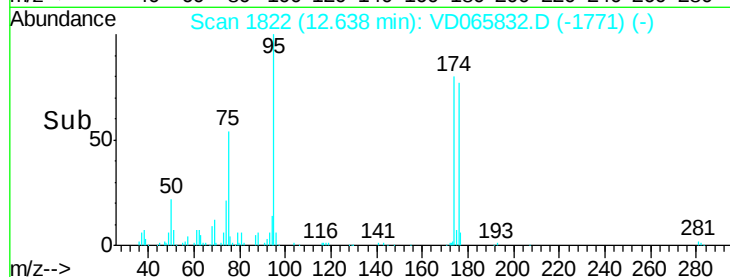
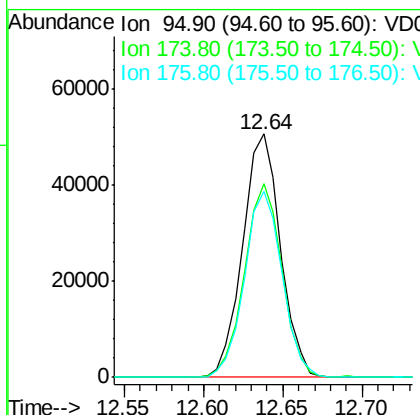
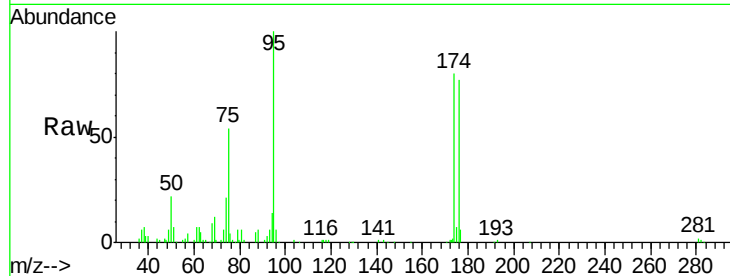




#62
4-Bromofluorobenzene
Concen: 38.566 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065832.D
Acq: 19 Jun 2020 16:53

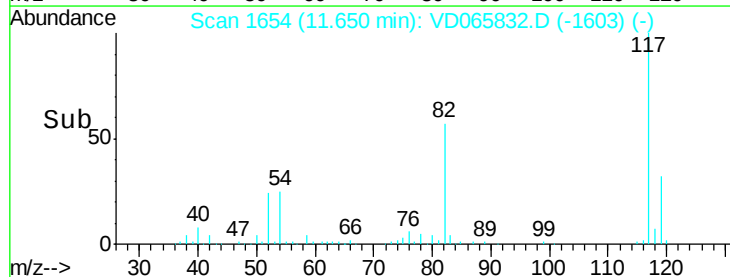
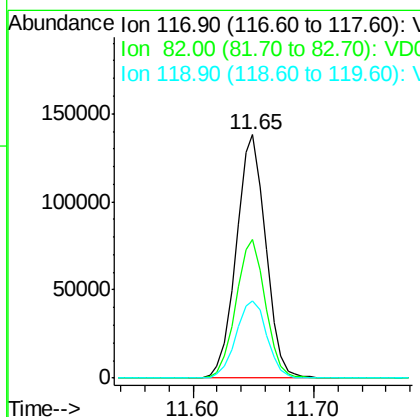
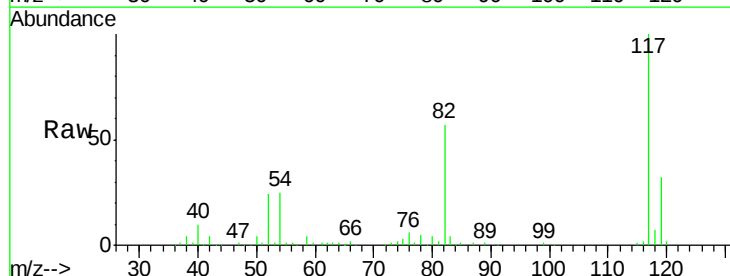
Instrument :
MSVOA_D
ClientSampleId :
RO-7

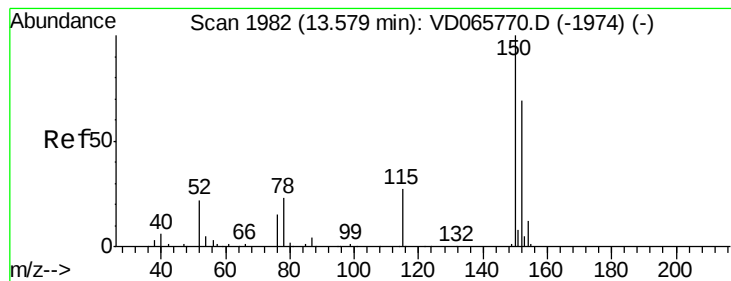
Tot Ion: 95 Resp: 83677
Ion Ratio Lower Upper
95 100
174 79.2 0.0 175.2
176 76.1 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065832.D
Acq: 19 Jun 2020 16:53

Tgt Ion: 117 Resp: 234930
Ion Ratio Lower Upper
117 100
82 57.0 41.9 62.9
119 31.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065832.D

Acq: 19 Jun 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

RO-7

Tot Ion:152 Resp: 89995

Ion Ratio Lower Upper

152 100

115 59.3 28.7 86.1

150 158.1 0.0 348.0

