

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065811.D
 Acq On : 18 Jun 2020 16:34
 Operator : VA/SY
 Sample : L3024-01
 Misc : 7.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-21

Quant Time: Jun 19 01:35:56 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

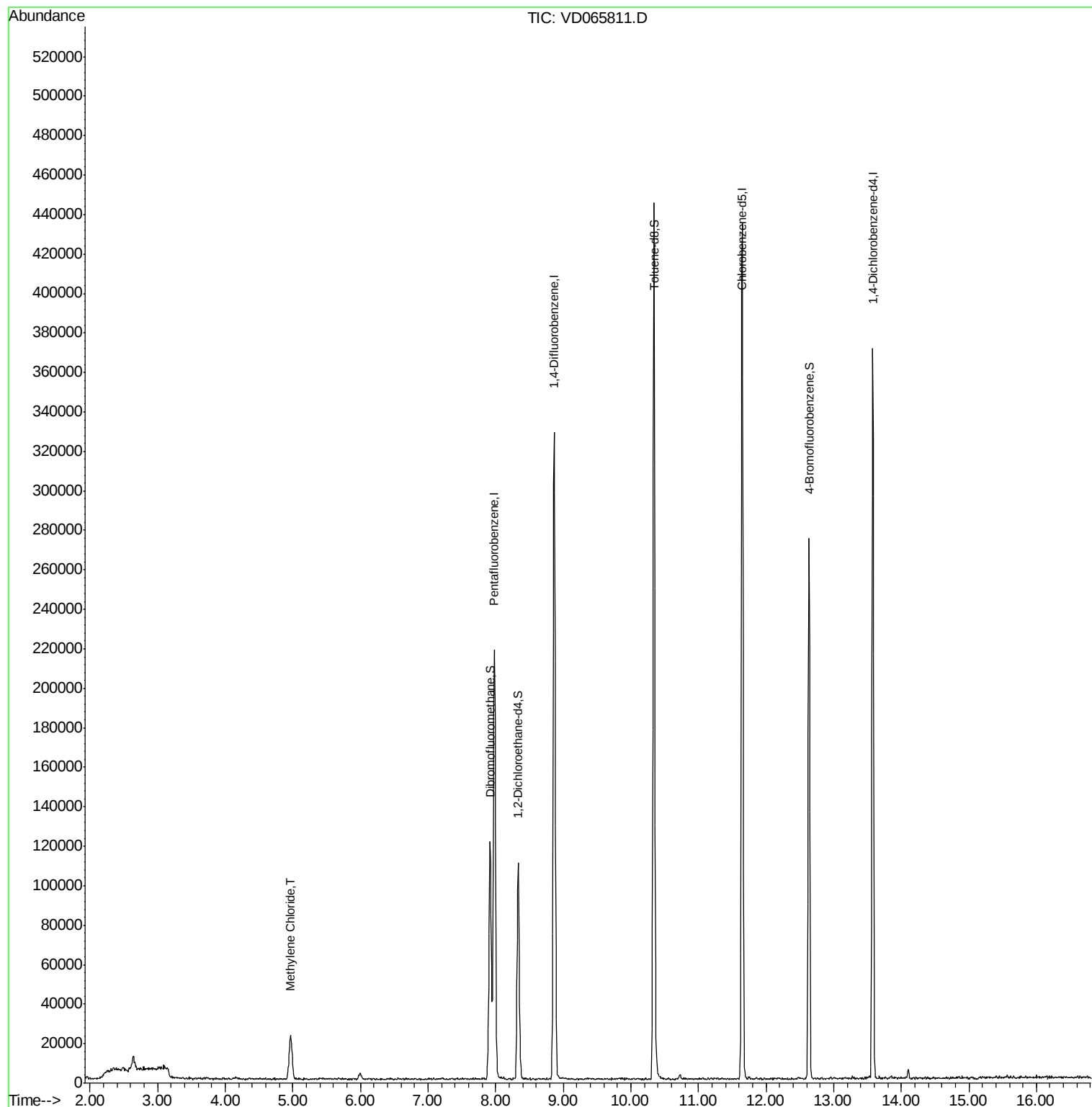
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	268925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	237576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	88208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	87441	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	7.92	113	84068	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.34	98	298130	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.64	95	83836	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
Target Compounds						
20) Methylene Chloride	4.96	84	16134	6.496	ug/l	Qvalue 96

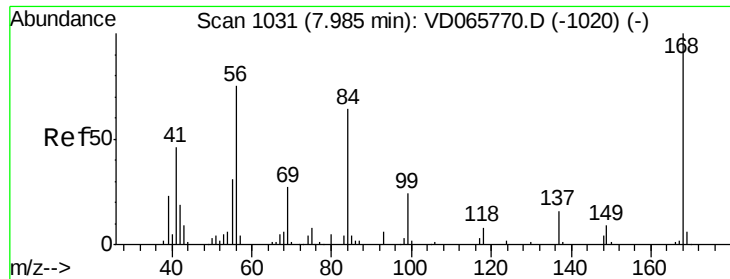
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065811.D

Acq: 18 Jun 2020 16:34

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MSVOA_D

ClientSampleId :

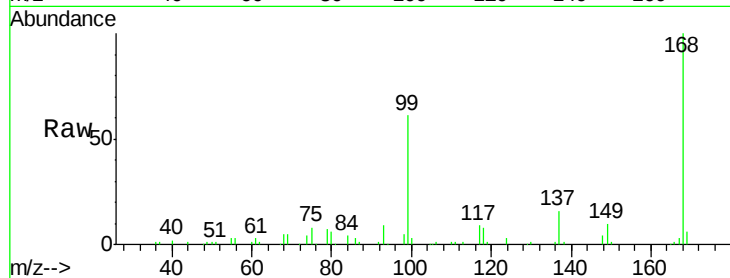
RO-21

Tot Ion:168 Resp: 157220

Ion Ratio Lower Upper

168 100

99 60.7 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

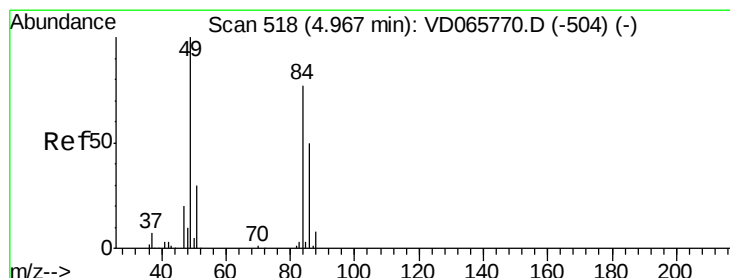
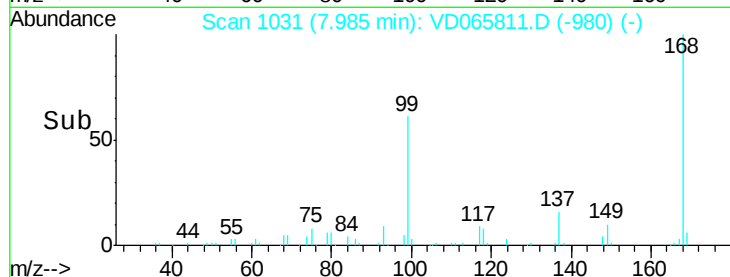
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.496 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065811.D

Acq: 18 Jun 2020 16:34

Tgt Ion: 84 Resp: 16134

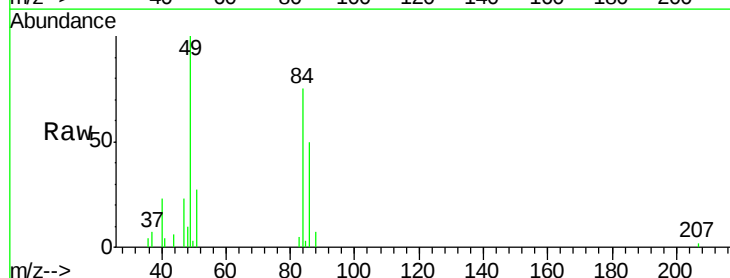
Ion Ratio Lower Upper

84 100

49 133.8 103.4 155.0

51 36.7 31.4 47.2

86 67.4 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

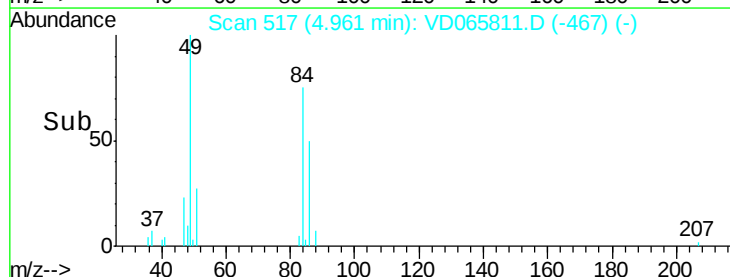
4000

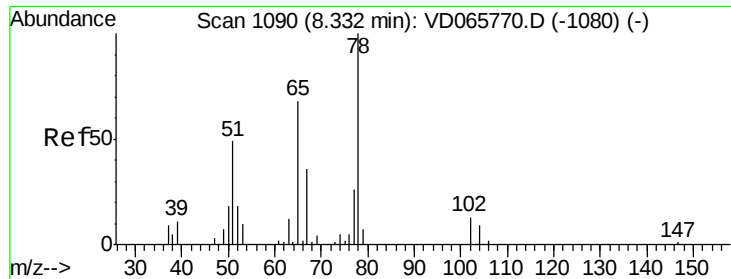
2000

0

Time-->

4.90 5.00

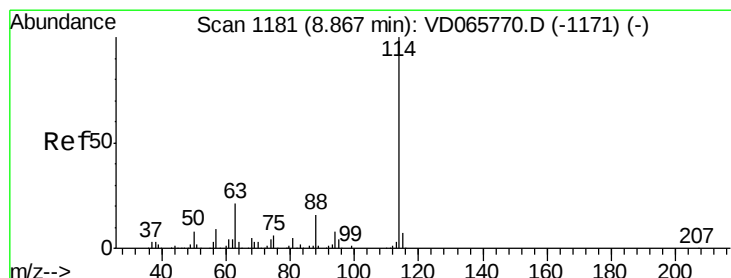
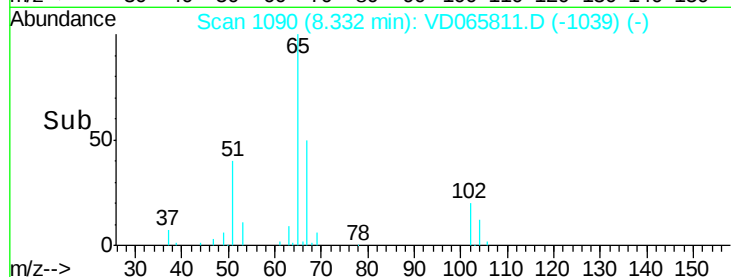
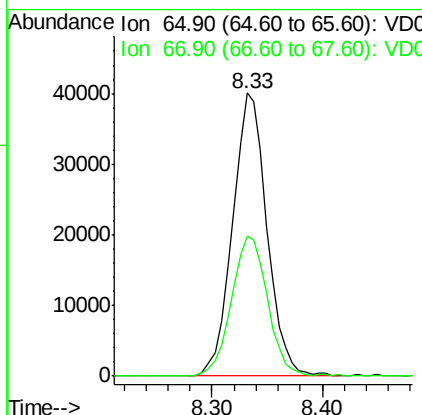
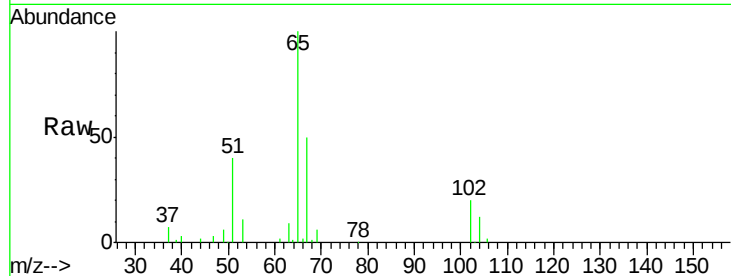




#33
 1,2-Dichloroethane-d4
 Concen: 56.285 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065811.D
 Acq: 18 Jun 2020 16:34

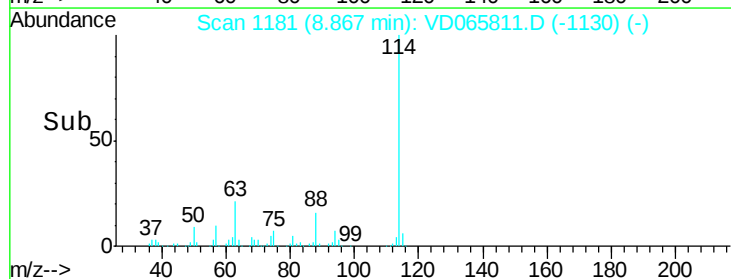
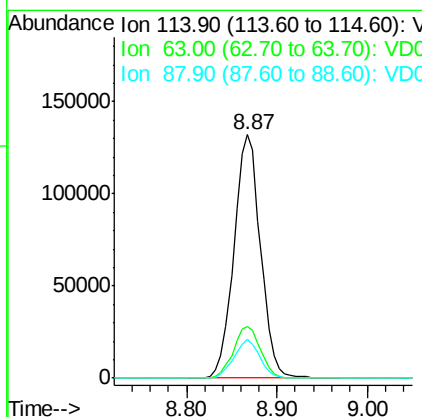
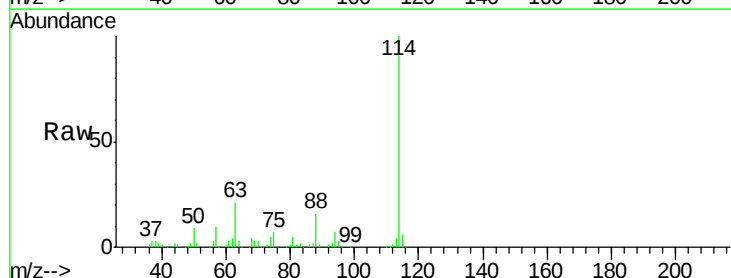
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-21

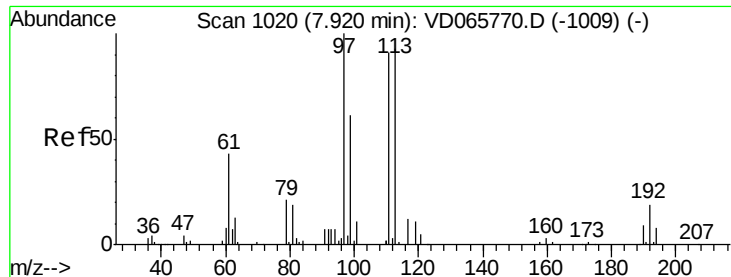
Tot Ion: 65 Resp: 87441
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065811.D
 Acq: 18 Jun 2020 16:34

Tgt Ion: 114 Resp: 268925
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 15.9 0.0 32.0

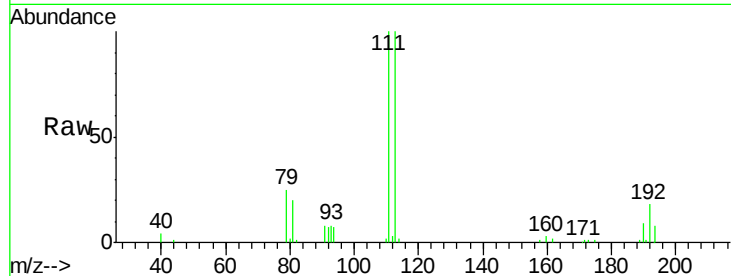




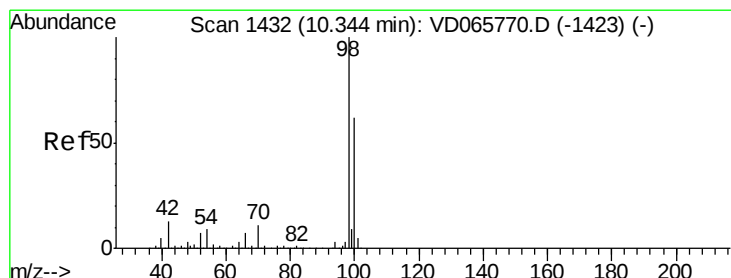
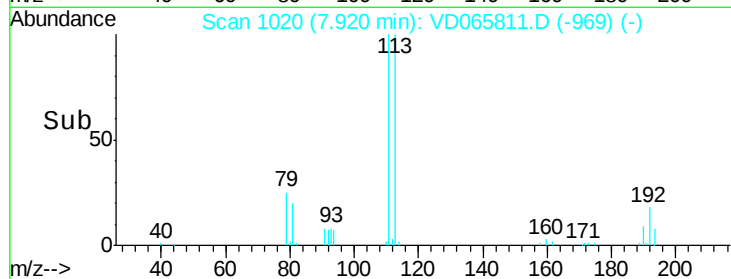
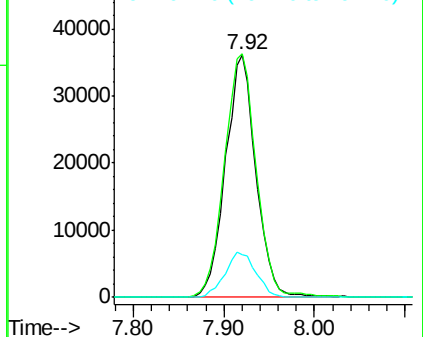
#35
 Dibromofluoromethane
 Concen: 49.490 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065811.D
 Acq: 18 Jun 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-21

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.4	125.0
192	18.9	15.7	23.5

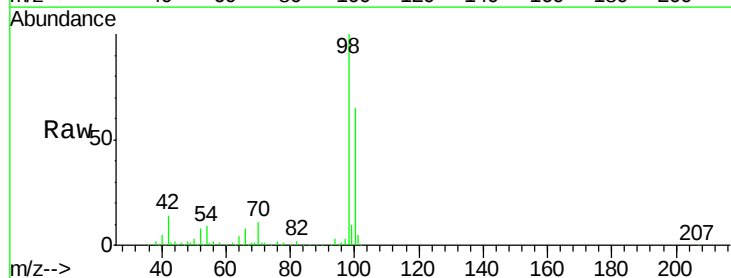


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

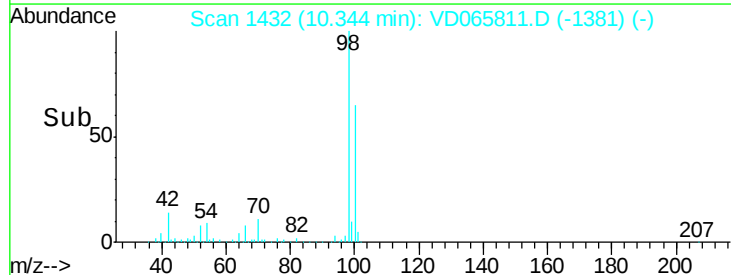
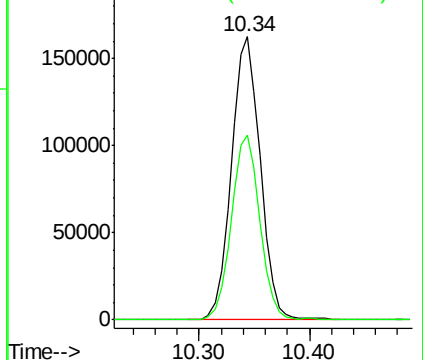


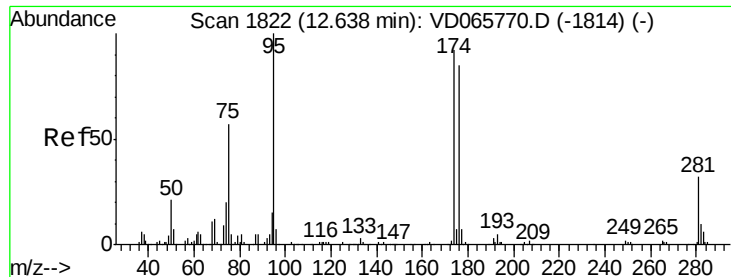
#50
 Toluene-d8
 Concen: 47.067 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065811.D
 Acq: 18 Jun 2020 16:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2



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





#62

4-Bromofluorobenzene

Concen: 39.027 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065811.D

Acq: 18 Jun 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

RO-21

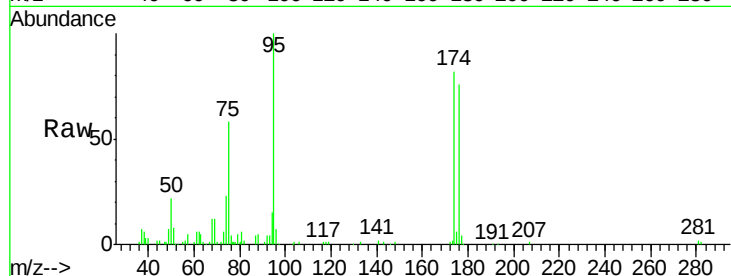
Tot Ion: 95 Resp: 83836

Ion Ratio Lower Upper

95 100

174 80.6 0.0 175.2

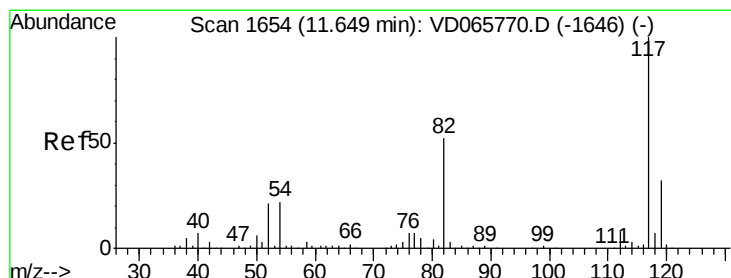
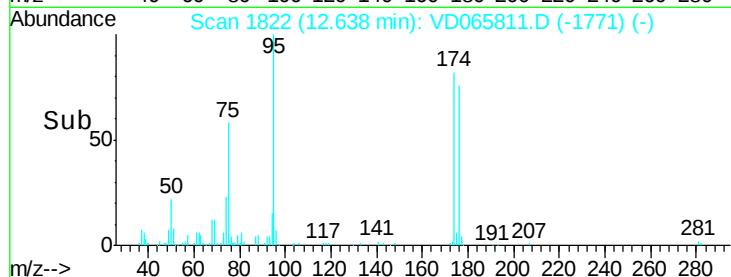
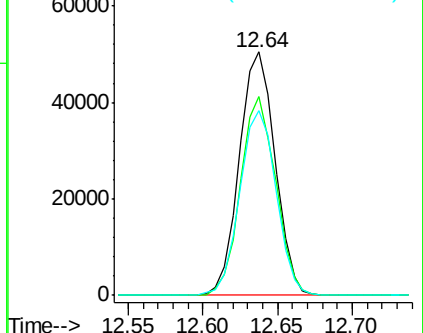
176 77.0 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065811.D

Acq: 18 Jun 2020 16:34

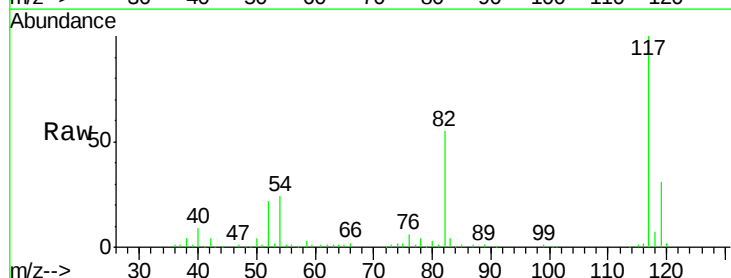
Tgt Ion: 117 Resp: 237576

Ion Ratio Lower Upper

117 100

82 55.3 41.9 62.9

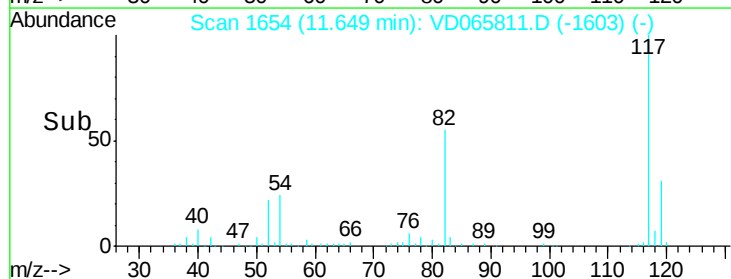
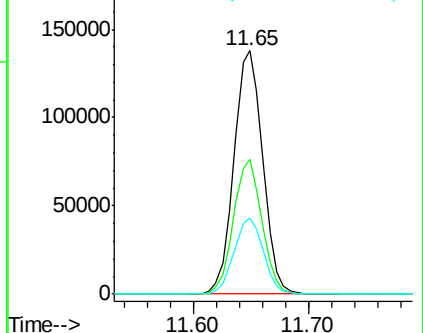
119 31.4 25.3 37.9

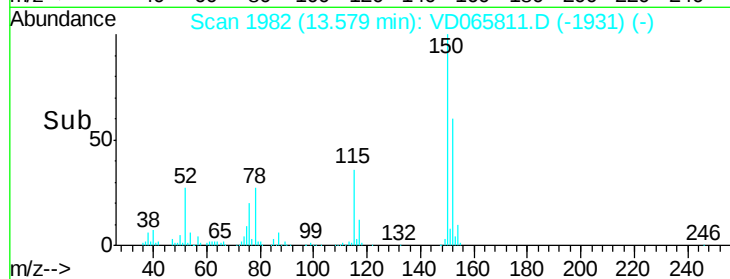
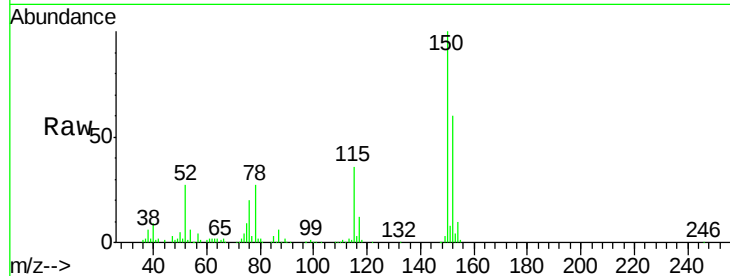
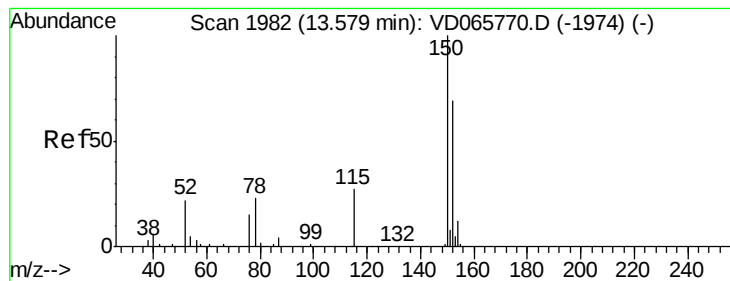


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065811.D

Acq: 18 Jun 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

RO-21

Tot Ion:152 Resp: 88208

Ion Ratio Lower Upper

152 100

115 59.0 28.7 86.1

150 158.4 0.0 348.0

