

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065793.D
 Acq On : 12 Jun 2020 13:44
 Operator : VA/SY
 Sample : L2808-01
 Misc : 6.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

Quant Time: Jun 13 03:10:42 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

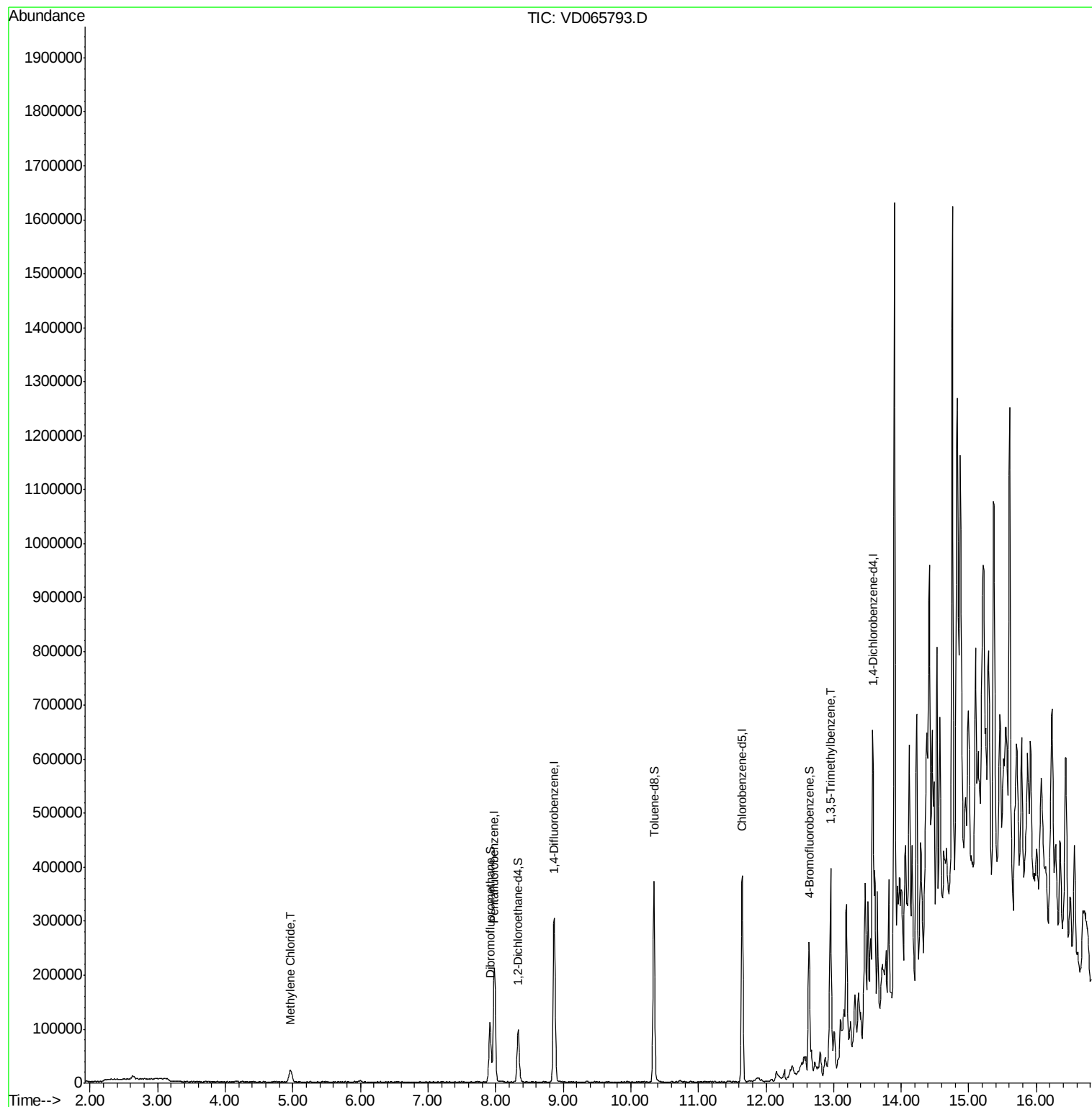
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	156227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	261043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	211955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	83053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78081	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.91	113	76303	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	10.34	98	248876	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
62) 4-Bromofluorobenzene	12.64	95	75702	36.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.60%	
Target Compounds						
20) Methylene Chloride	4.96	84	16161	6.587	ug/l	94
80) 1,3,5-Trimethylbenzene	12.96	105	29602	6.388	ug/l	95

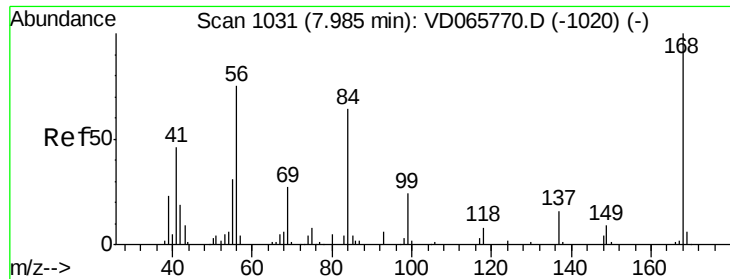
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065793.D

Acq: 12 Jun 2020 13:44

Instrument :

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ClientSampleId :

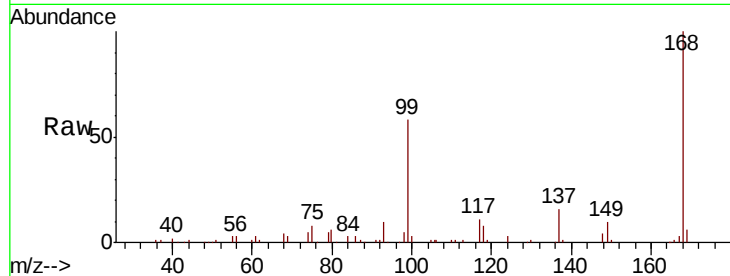
HR-06-061120

Tot Ion:168 Resp: 156227

Ion Ratio Lower Upper

168 100

99 58.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

80000

60000

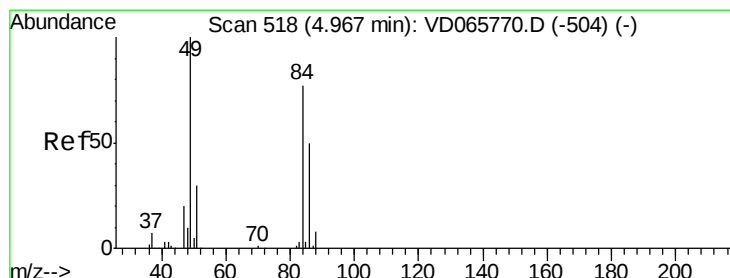
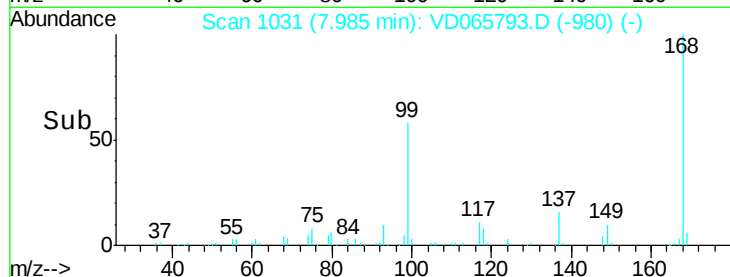
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.587 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065793.D

Acq: 12 Jun 2020 13:44

Tgt Ion: 84 Resp: 16161

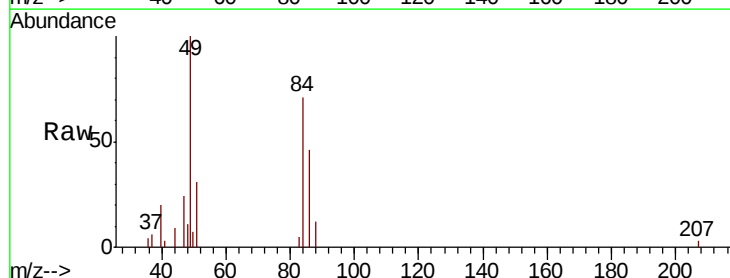
Ion Ratio Lower Upper

84 100

49 139.9 103.4 155.0

51 43.0 31.4 47.2

86 64.3 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

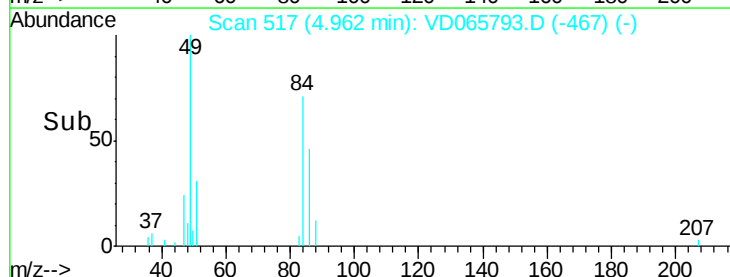
4000

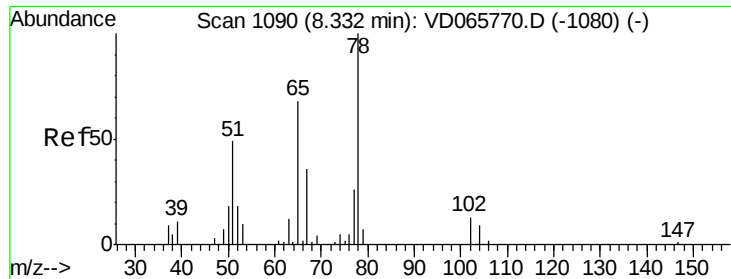
2000

0

Time-->

4.90 5.00

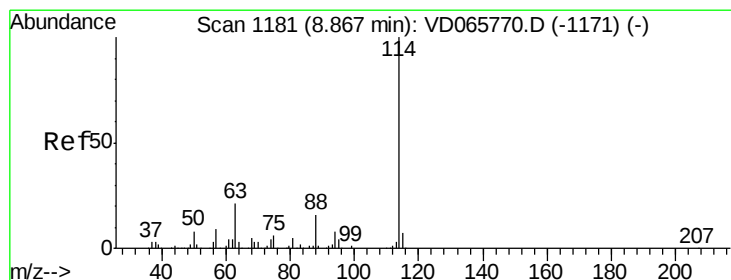
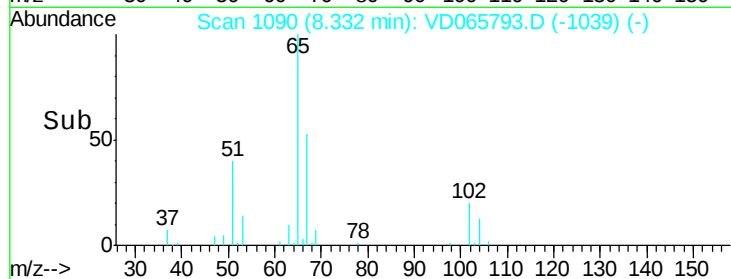
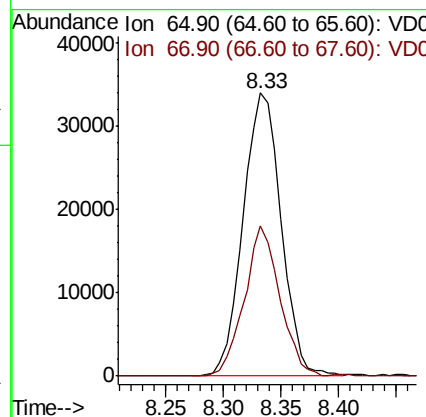
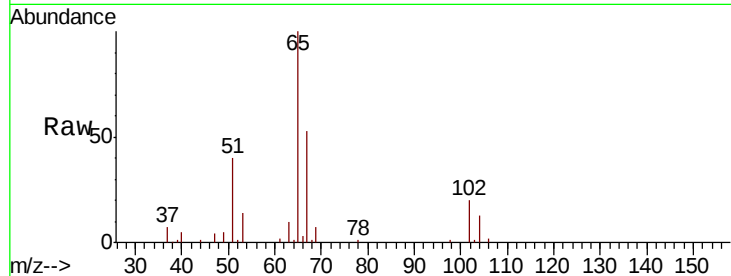




#33
 1,2-Dichloroethane-d4
 Concen: 50.579 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065793.D
 Acq: 12 Jun 2020 13:44

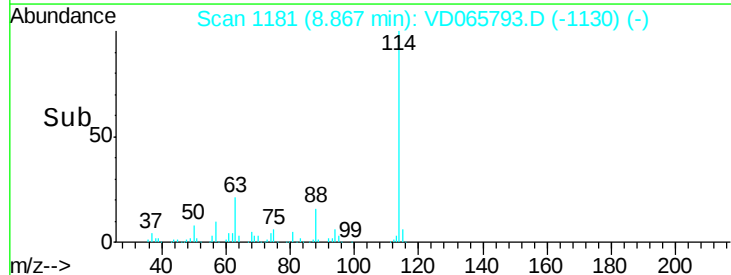
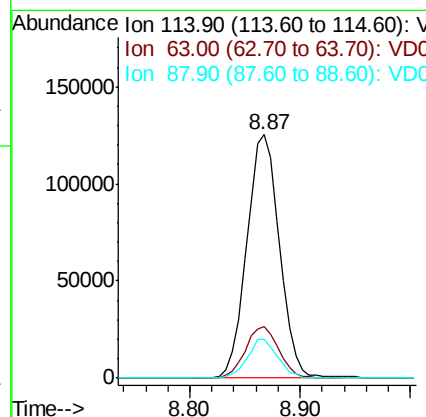
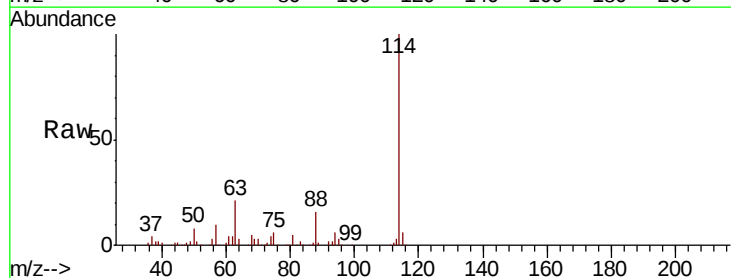
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

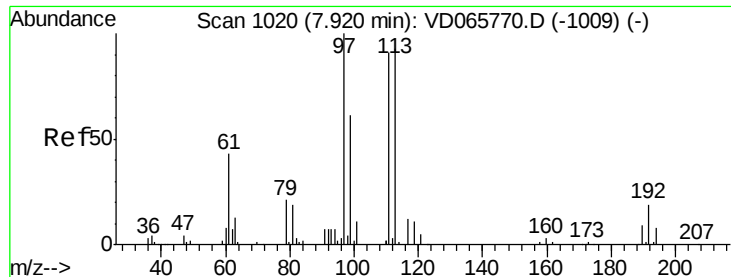
Tot Ion: 65 Resp: 78081
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065793.D
 Acq: 12 Jun 2020 13:44

Tgt Ion: 114 Resp: 261043
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 16.0 0.0 32.0

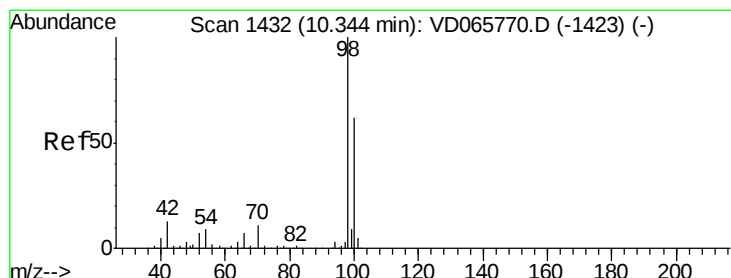
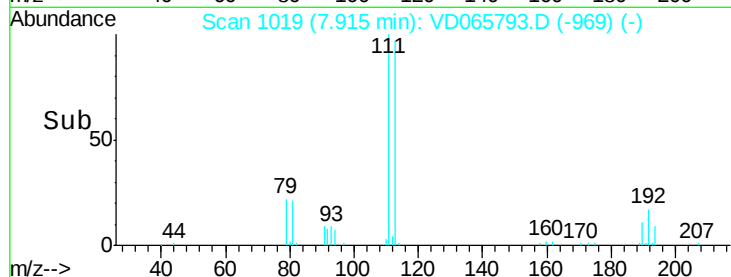
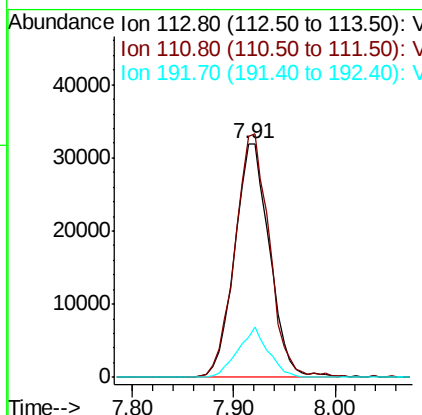
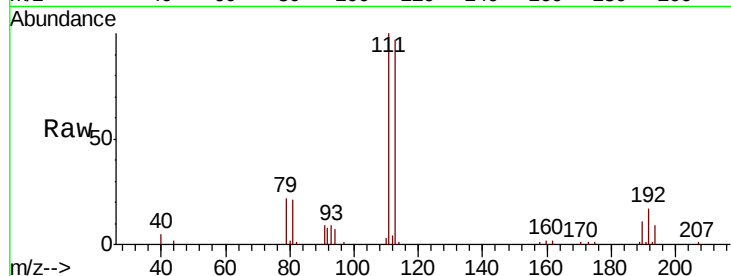




#35
 Dibromofluoromethane
 Concen: 46.275 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065793.D
 Acq: 12 Jun 2020 13:44

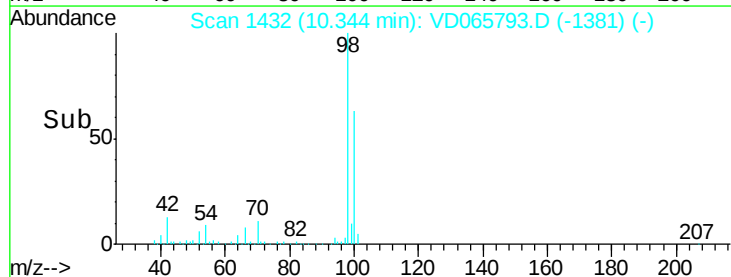
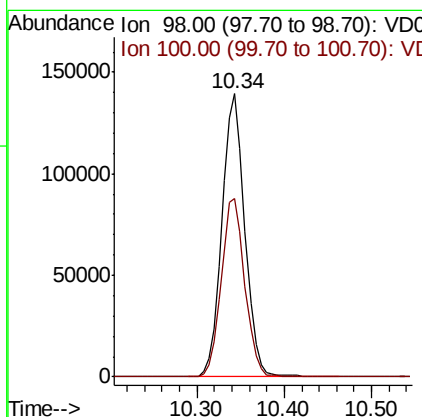
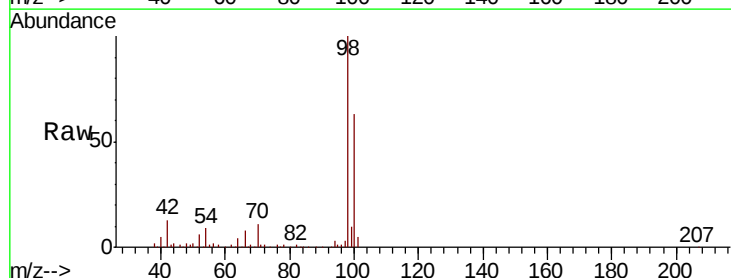
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

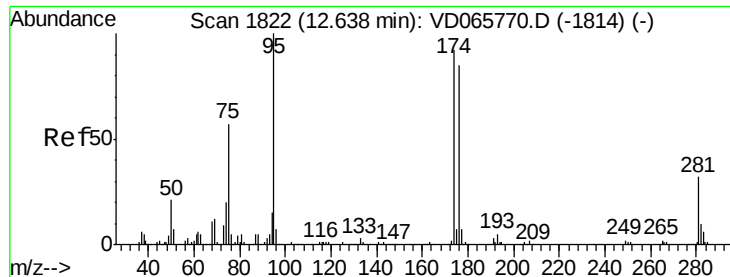
Tot Ion:113 Resp: 76303
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 18.8 15.7 23.5



#50
 Toluene-d8
 Concen: 40.477 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065793.D
 Acq: 12 Jun 2020 13:44

Tgt Ion: 98 Resp: 248876
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 36.305 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065793.D

Acq: 12 Jun 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

HR-06-061120

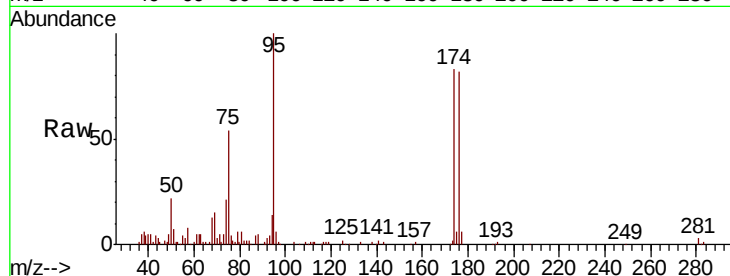
Tot Ion: 95 Resp: 75702

Ion Ratio Lower Upper

95 100

174 83.3 0.0 175.2

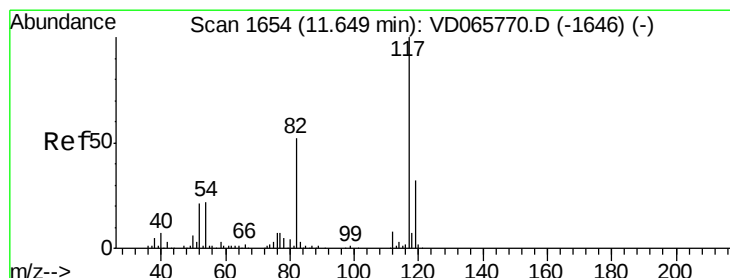
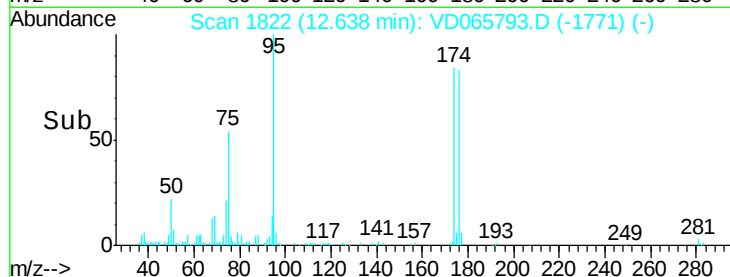
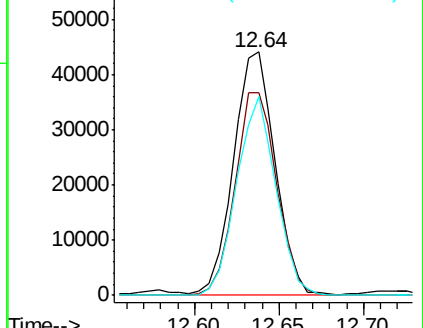
176 77.0 0.0 163.0



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: VD065793.D

Acq: 12 Jun 2020 13:44

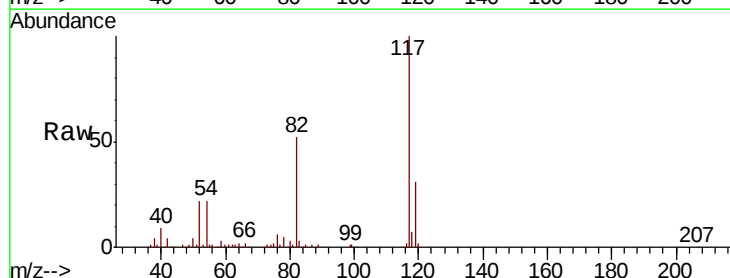
Tgt Ion: 117 Resp: 211955

Ion Ratio Lower Upper

117 100

82 51.7 41.9 62.9

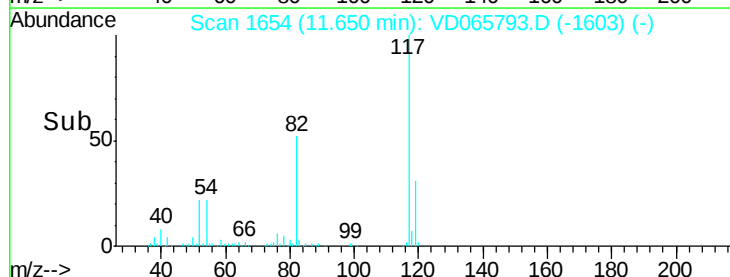
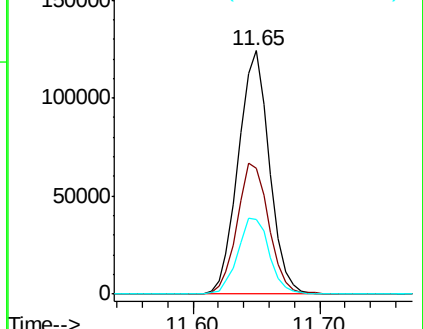
119 30.9 25.3 37.9

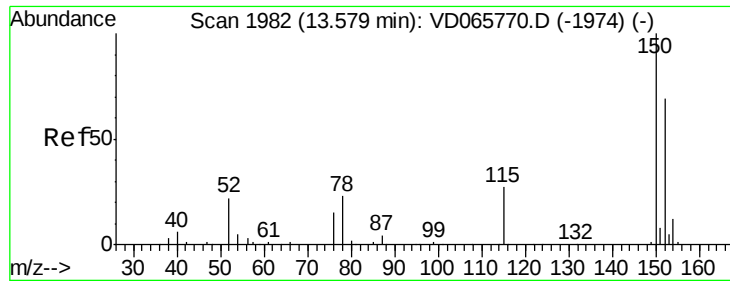


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065793.D

Acq: 12 Jun 2020 13:44

Instrument :

MSVOA_D

ClientSampleId :

HR-06-061120

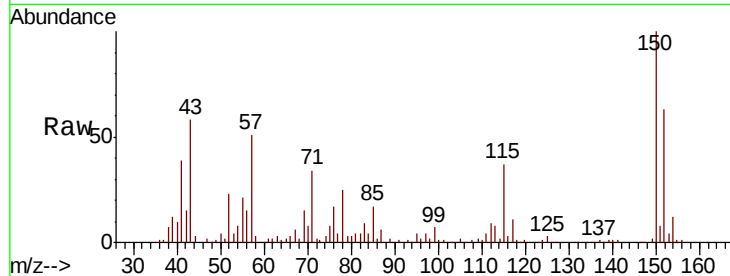
Tot Ion:152 Resp: 83053

Ion Ratio Lower Upper

152 100

115 66.3 28.7 86.1

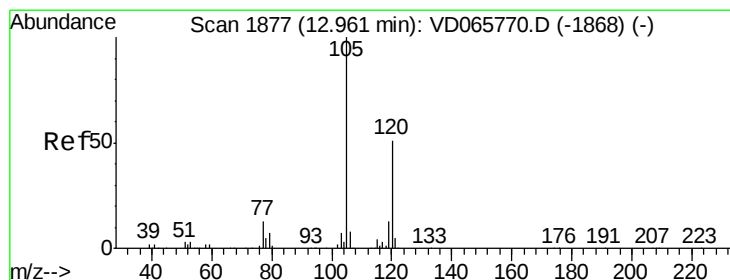
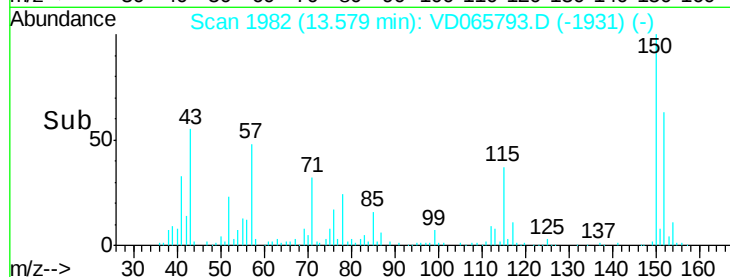
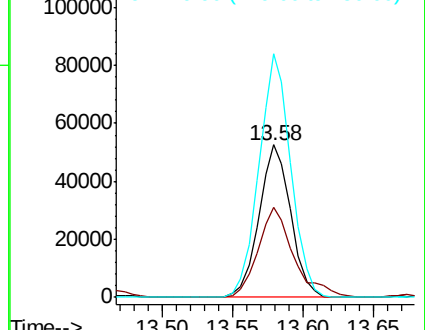
150 159.5 0.0 348.0



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



#80

1,3,5-Trimethylbenzene

Concen: 6.388 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065793.D

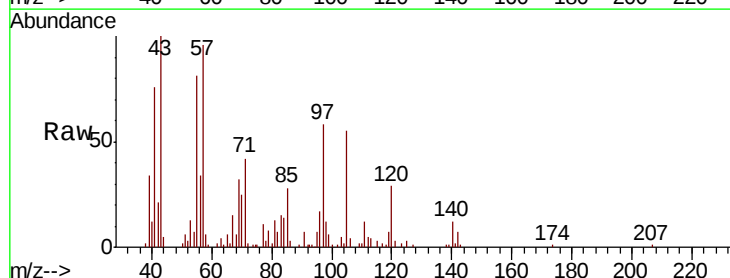
Acq: 12 Jun 2020 13:44

Tgt Ion:105 Resp: 29602

Ion Ratio Lower Upper

105 100

120 47.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

