

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065791.D
 Acq On : 12 Jun 2020 12:50
 Operator : VA/SY
 Sample : L2808-01
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

Quant Time: Jun 13 03:03:09 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

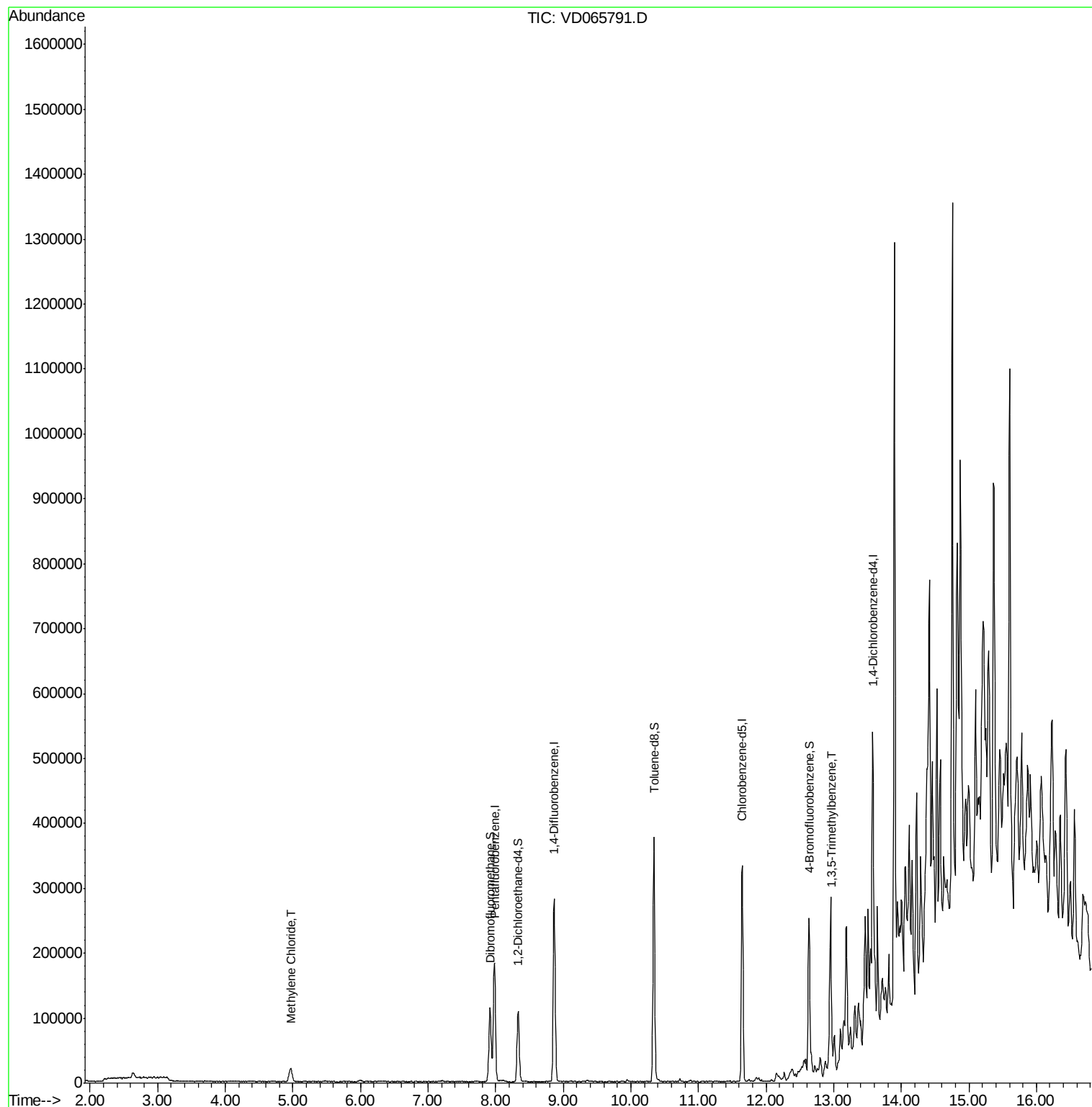
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	129808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	230709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	184612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	73883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	87650	68.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.66%	
35) Dibromofluoromethane	7.92	113	80426	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	10.34	98	250056	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.64	95	76457	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
Target Compounds						
20) Methylene Chloride	4.97	84	14785	7.746	ug/l	94
80) 1,3,5-Trimethylbenzene	12.97	105	12264	2.975	ug/l	98

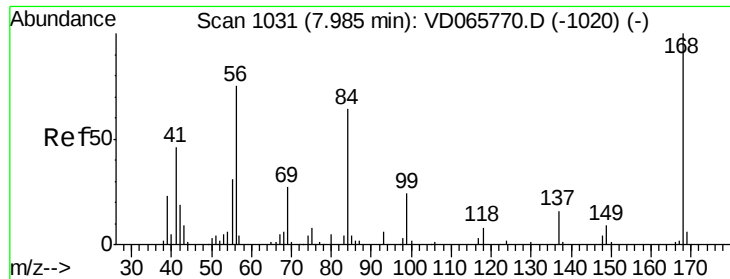
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061220\
Data File : VD065791.D
Acq On : 12 Jun 2020 12:50
Operator : VA/SY
Sample : L2808-01
Misc : 6.67G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-06-061120

Quant Time: Jun 13 03:03:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065791.D

Acq: 12 Jun 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

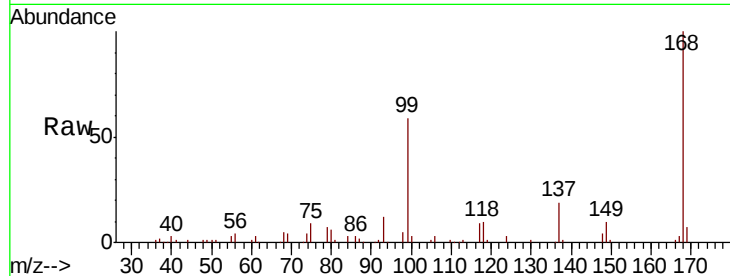
HR-06-061120

Tot Ion:168 Resp: 129808

Ion Ratio Lower Upper

168 100

99 59.4 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

60000

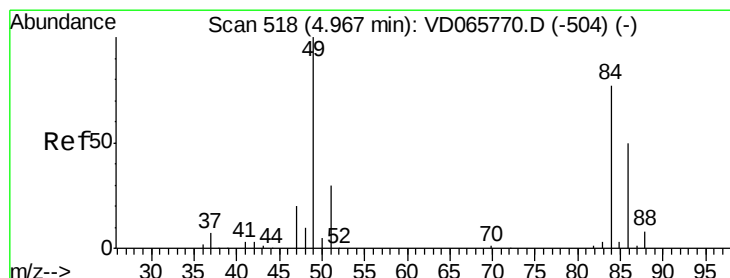
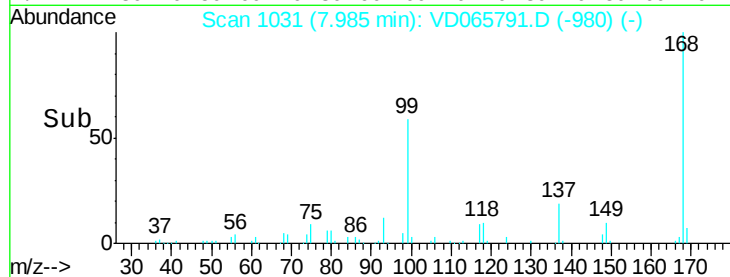
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 7.746 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065791.D

Acq: 12 Jun 2020 12:50

Tgt Ion: 84 Resp: 14785

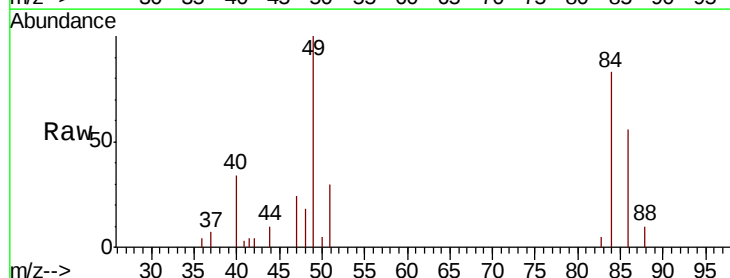
Ion Ratio Lower Upper

84 100

49 121.0 103.4 155.0

51 36.3 31.4 47.2

86 68.2 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

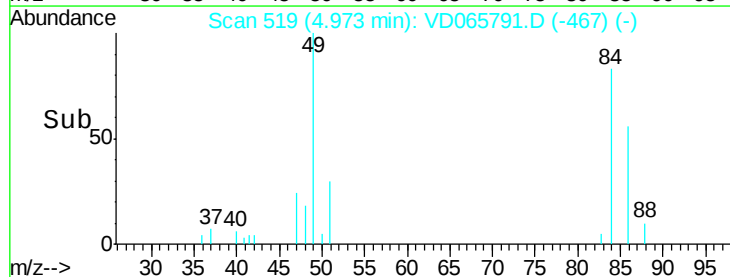
4000

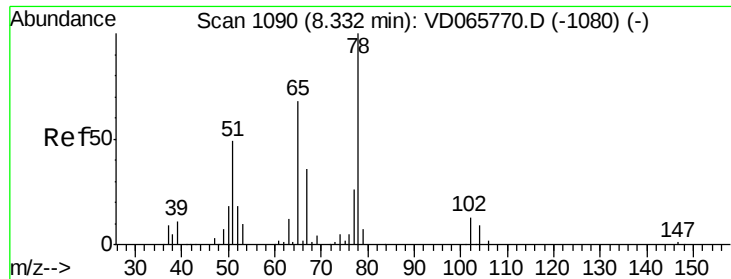
2000

0

4.90 5.00 5.10

Time-->

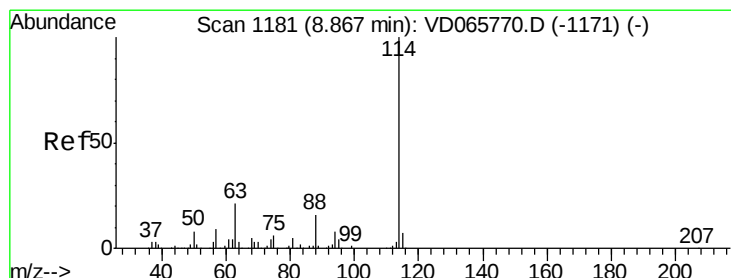
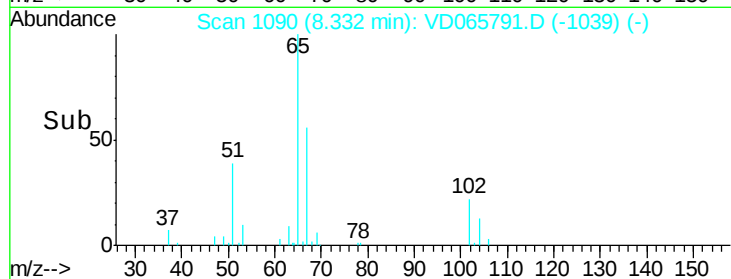
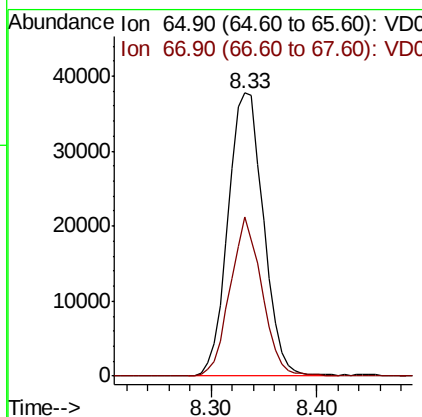
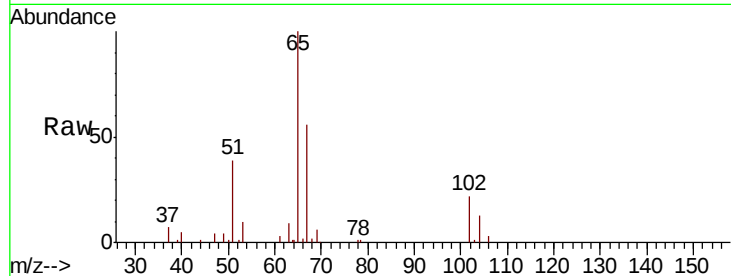




#33
 1,2-Dichloroethane-d4
 Concen: 68.334 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065791.D
 Acq: 12 Jun 2020 12:50

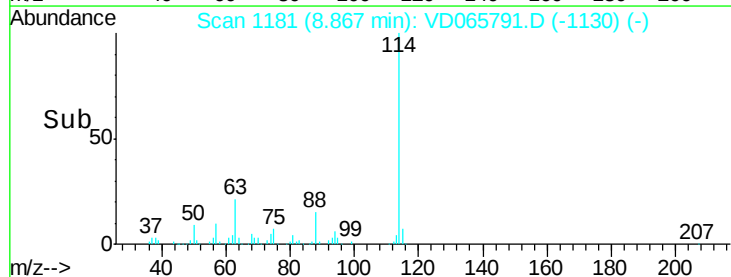
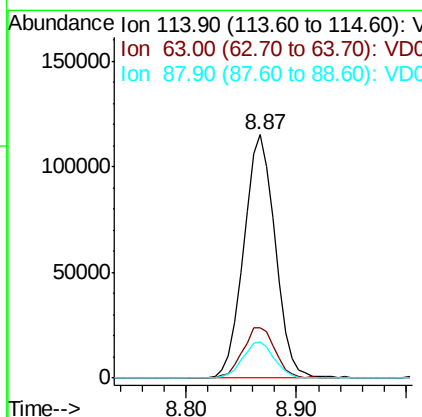
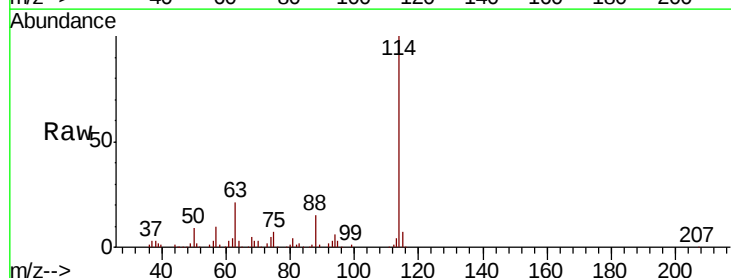
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

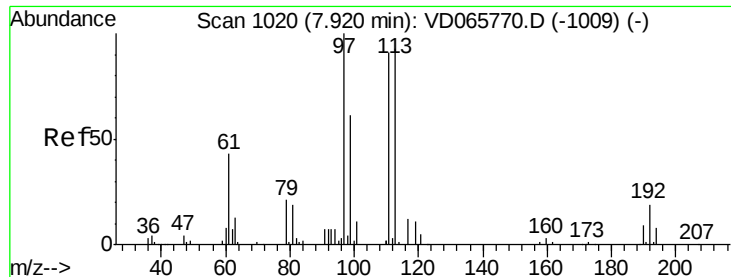
Tot Ion: 65 Resp: 87650
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065791.D
 Acq: 12 Jun 2020 12:50

Tgt Ion: 114 Resp: 230709
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.8
 88 15.1 0.0 32.0

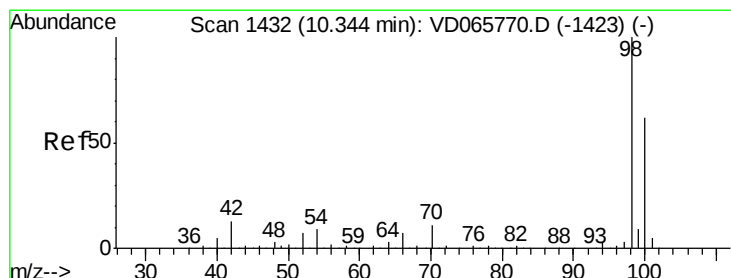
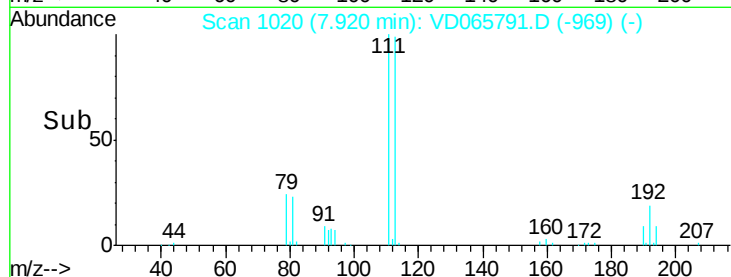
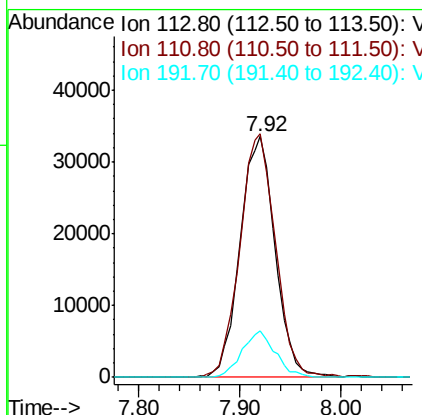
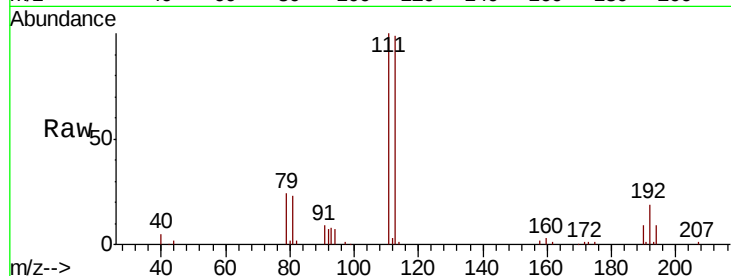




#35
 Dibromofluoromethane
 Concen: 55.189 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065791.D
 Acq: 12 Jun 2020 12:50

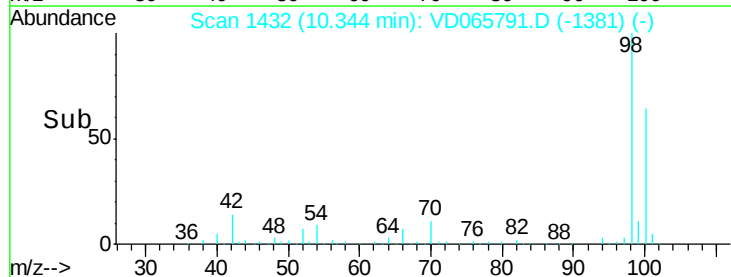
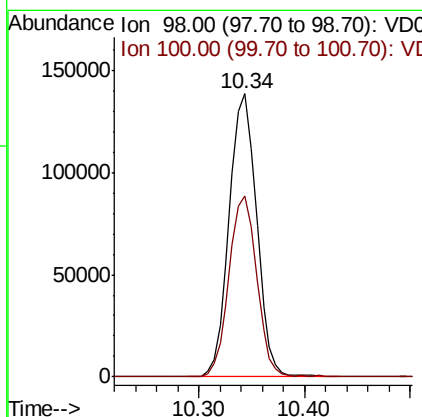
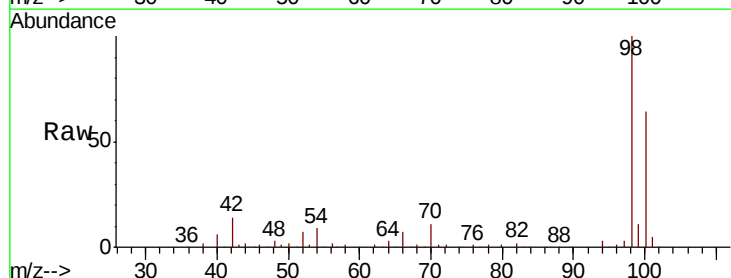
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-061120

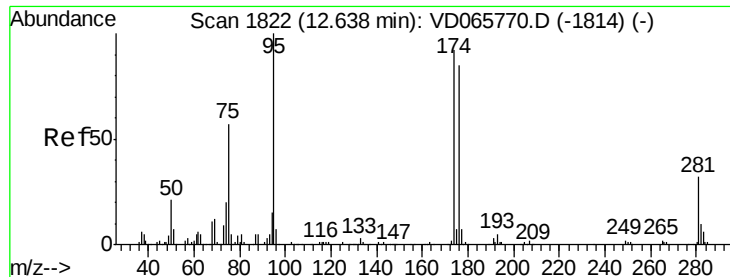
Tot Ion:113 Resp: 80426
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 18.4 15.7 23.5



#50
 Toluene-d8
 Concen: 46.016 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065791.D
 Acq: 12 Jun 2020 12:50

Tgt Ion: 98 Resp: 250056
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 41.488 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065791.D

Acq: 12 Jun 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

HR-06-061120

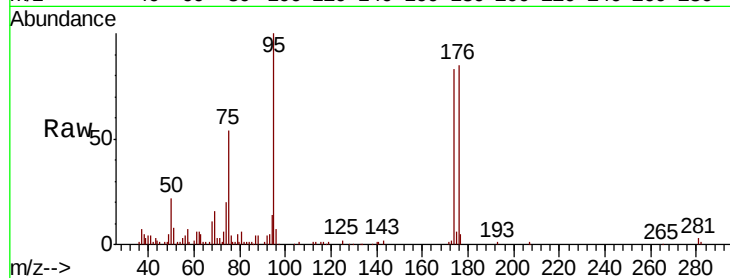
Tot Ion: 95 Resp: 76457

Ion Ratio Lower Upper

95 100

174 79.7 0.0 175.2

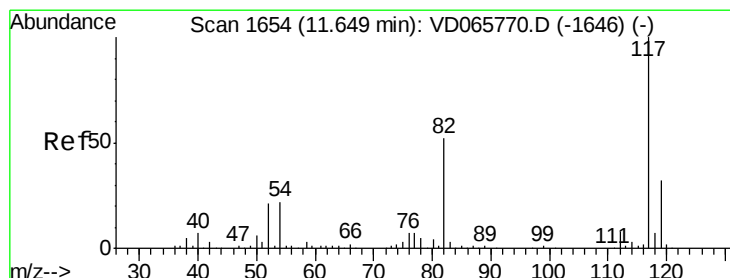
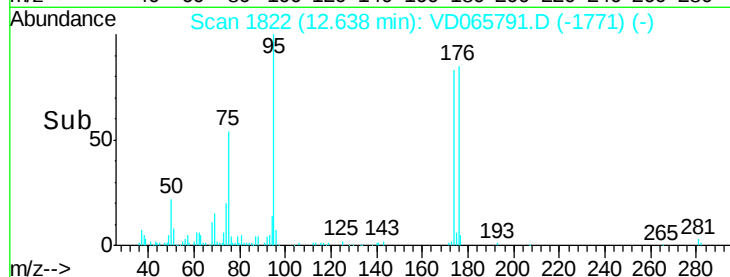
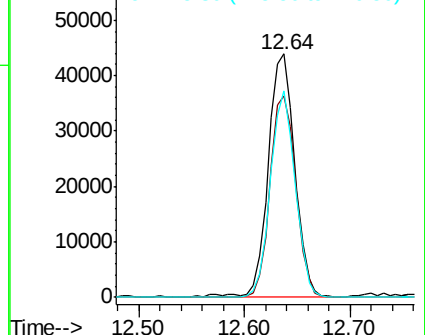
176 78.6 0.0 163.0



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: VD065791.D

Acq: 12 Jun 2020 12:50

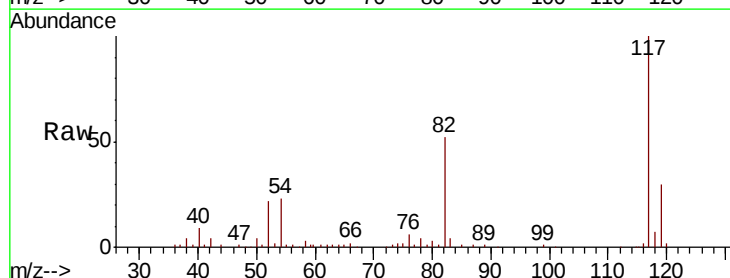
Tgt Ion: 117 Resp: 184612

Ion Ratio Lower Upper

117 100

82 52.3 41.9 62.9

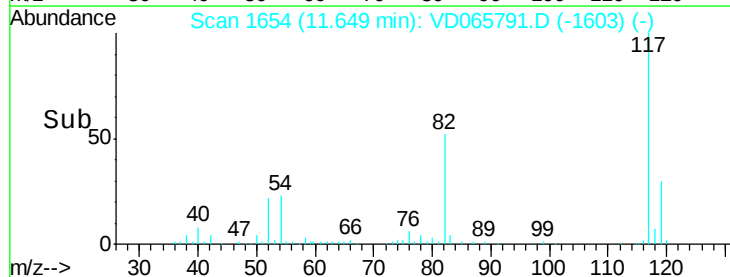
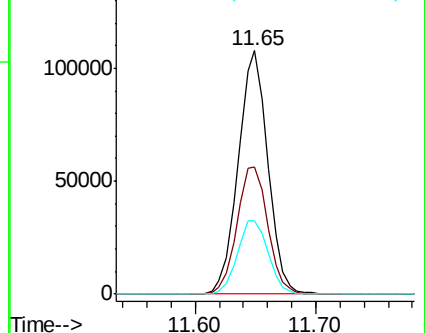
119 30.1 25.3 37.9

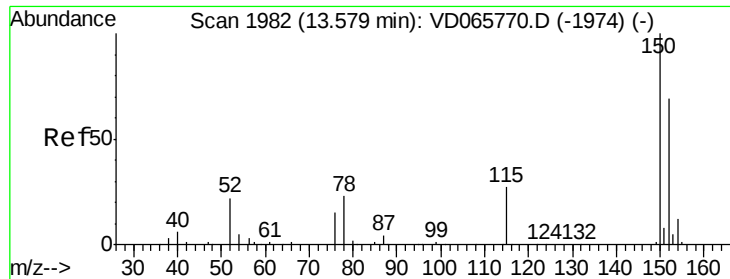


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065791.D

Acq: 12 Jun 2020 12:50

Instrument :

MSVOA_D

ClientSampleId :

HR-06-061120

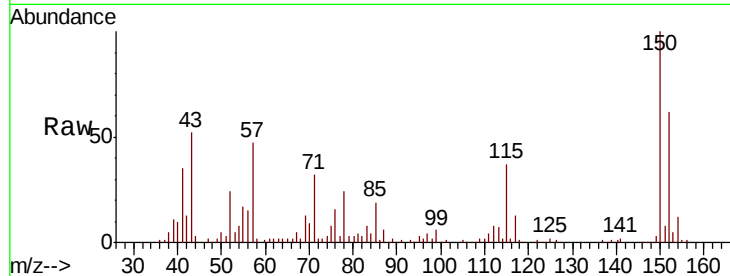
Tot Ion:152 Resp: 73883

Ion Ratio Lower Upper

152 100

115 62.0 28.7 86.1

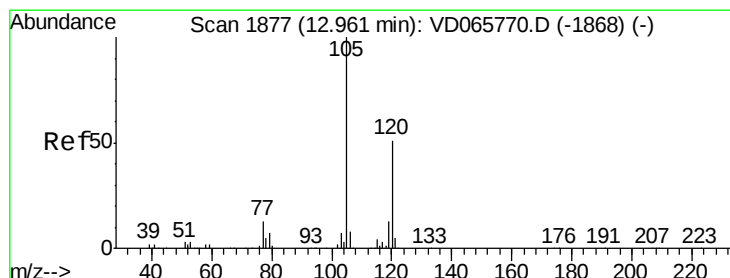
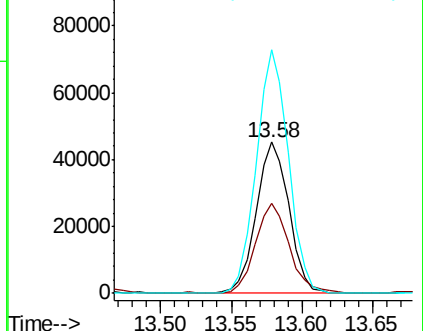
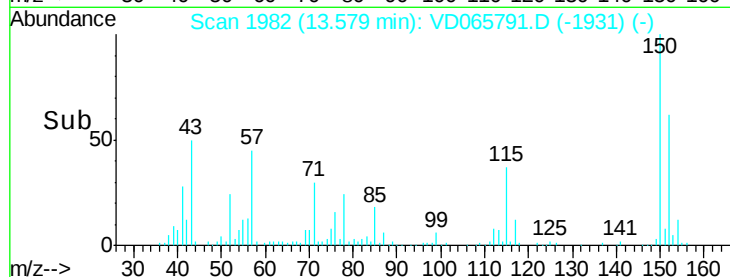
150 157.6 0.0 348.0



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: 2.975 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065791.D

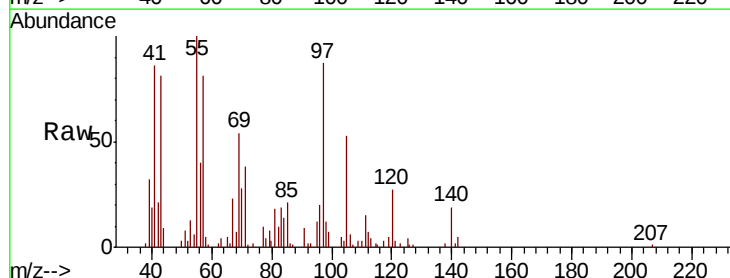
Acq: 12 Jun 2020 12:50

Tgt Ion:105 Resp: 12264

Ion Ratio Lower Upper

105 100

120 51.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

