

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066059.D
 Acq On : 24 Jul 2020 20:41
 Operator : VA/SY
 Sample : L3436-04
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Jul 25 01:03:30 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

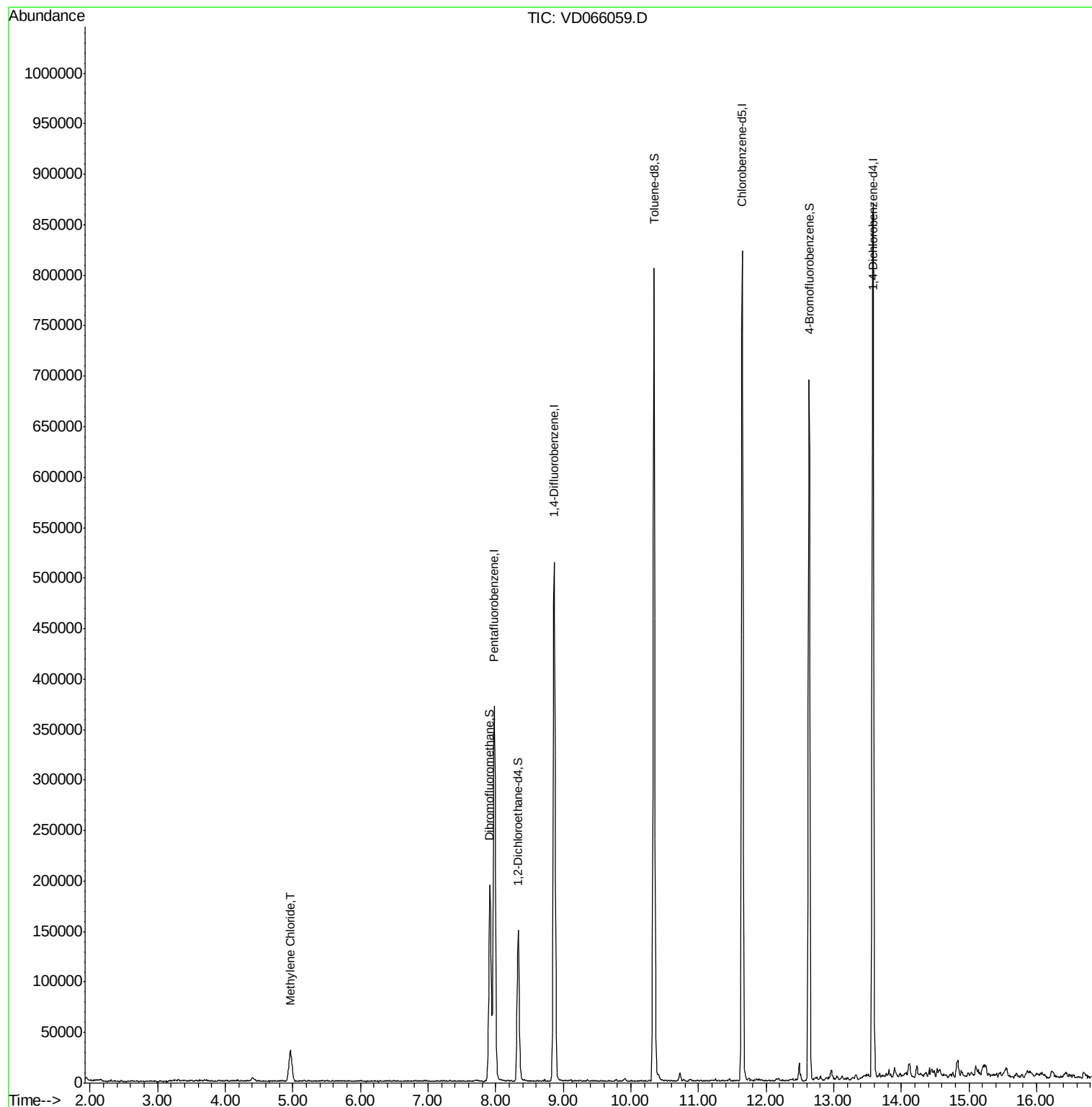
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	460137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	480564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122003	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.91	113	139245	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.34	98	553861	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.64	95	218358	60.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.14%	
Target Compounds						
20) Methylene Chloride	4.96	84	23764	6.097	ug/l	Qvalue 94

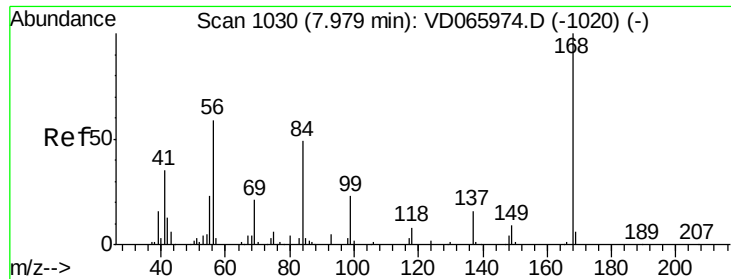
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

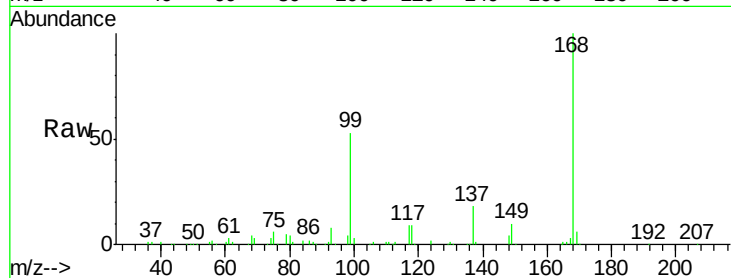
4

Tot Ion:168 Resp: 299927

Ion Ratio Lower Upper

168 100

99 52.7 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

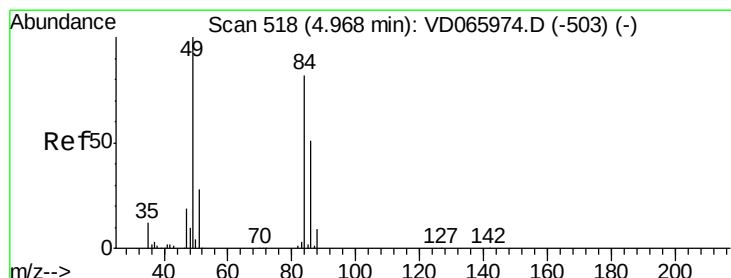
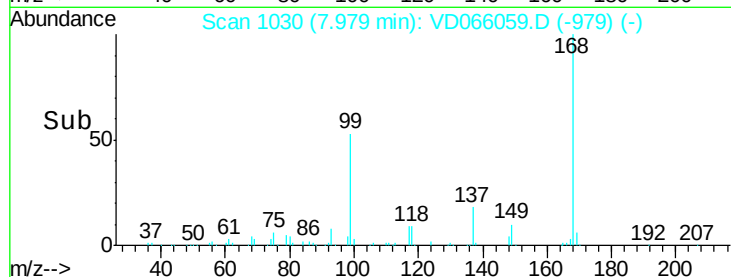
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.097 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Tgt Ion: 84 Resp: 23764

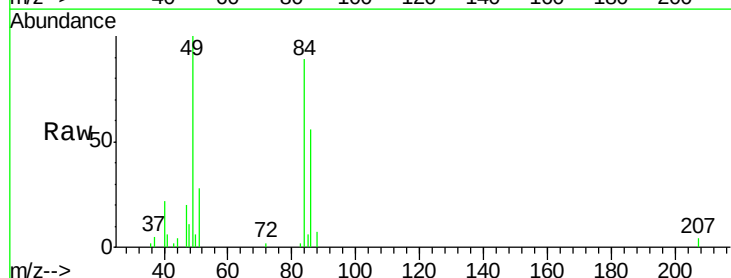
Ion Ratio Lower Upper

84 100

49 112.3 97.7 146.5

51 31.2 27.4 41.2

86 63.1 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

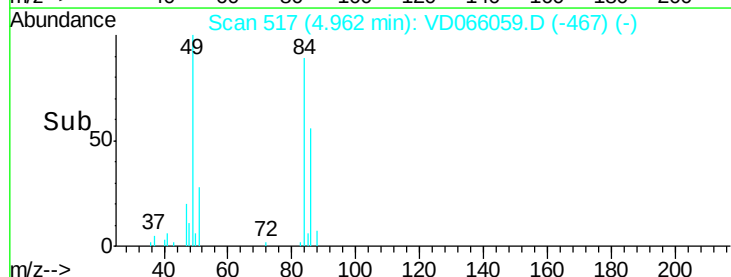
Ion 85.90 (85.60 to 86.60): VDC

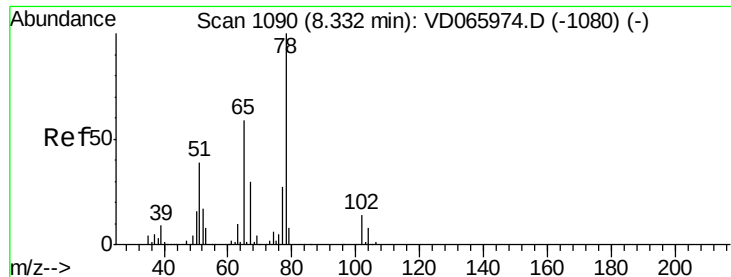
10000

5000

0

Time-->

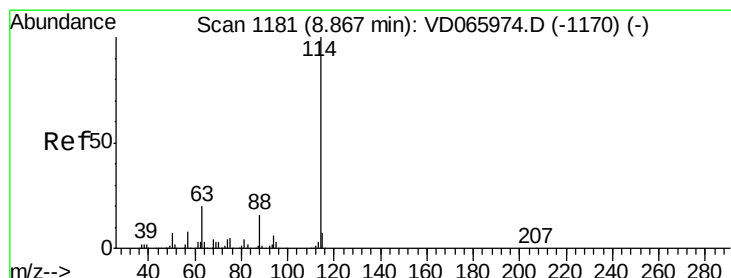
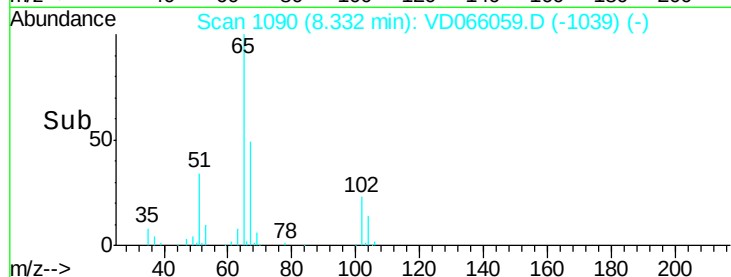
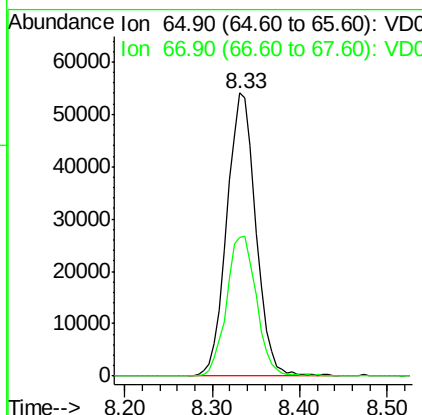
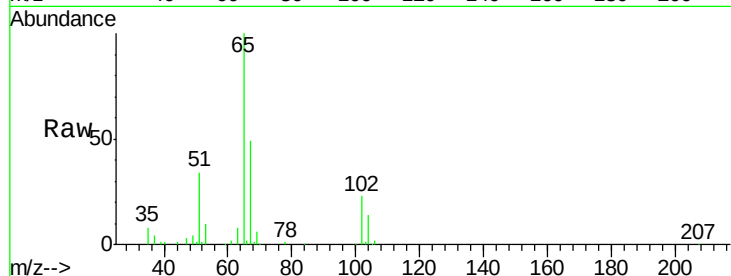




#33
 1,2-Dichloroethane-d4
 Concen: 49.991 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

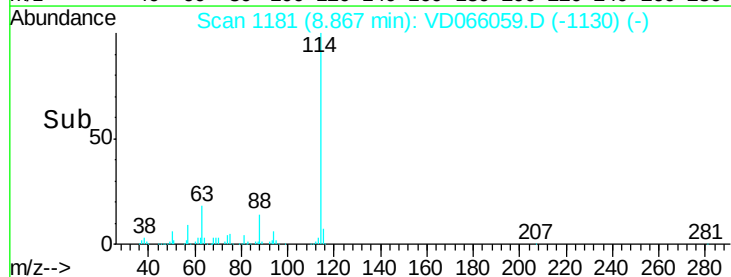
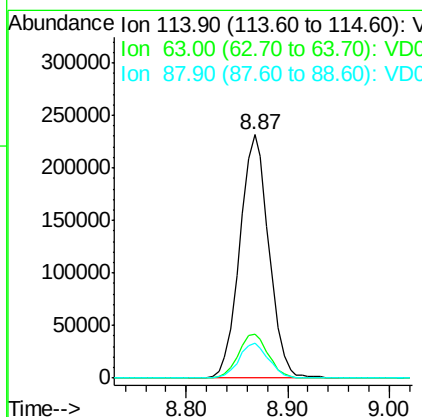
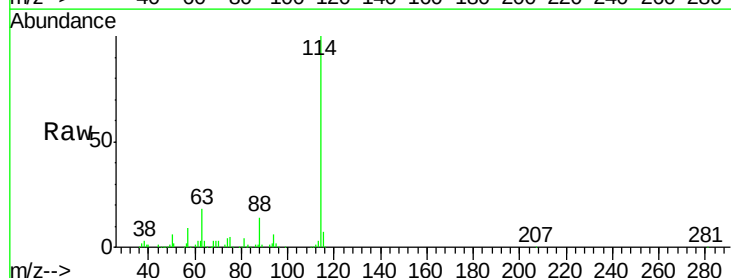
Instrument :
 MSVOA_D
 ClientSampled :
 4

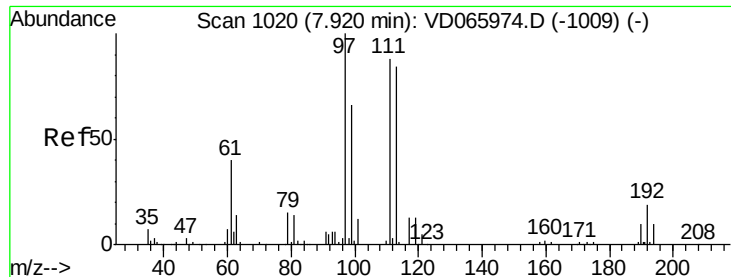
Tot Ion: 65 Resp: 122003
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Tgt Ion: 114 Resp: 460137
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 14.3 0.0 31.2

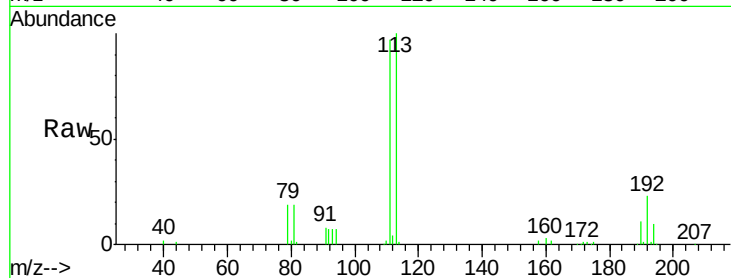




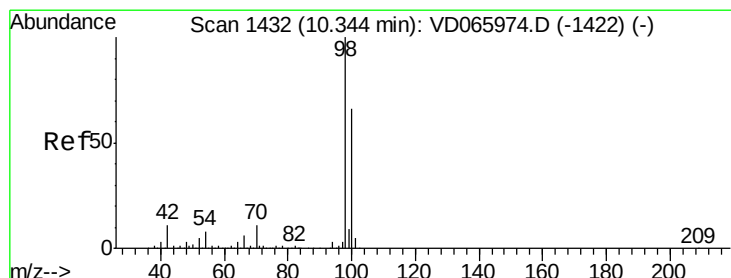
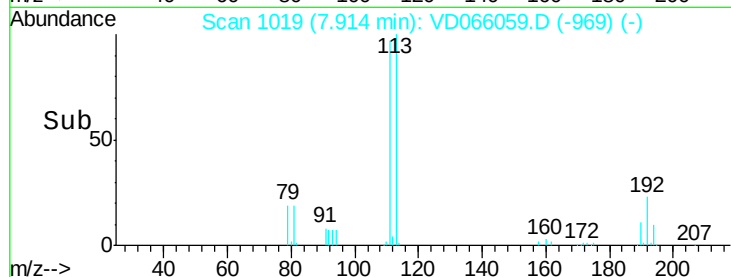
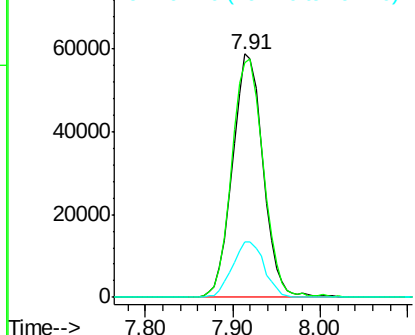
#35
 Dibromofluoromethane
 Concen: 49.893 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	23.8	18.7	28.1

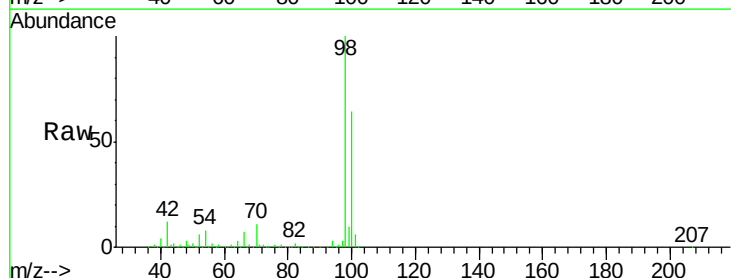


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

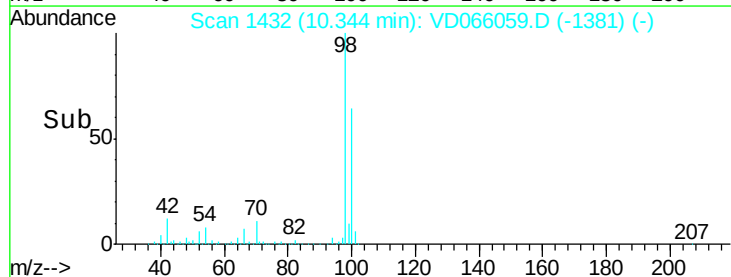
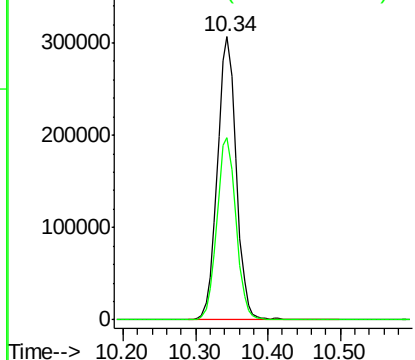


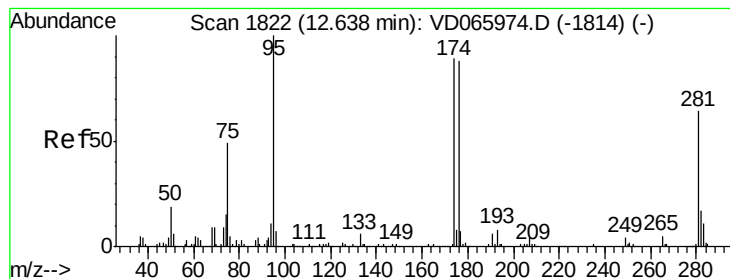
#50
 Toluene-d8
 Concen: 53.273 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1



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





#62

4-Bromofluorobenzene

Concen: 60.572 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

4

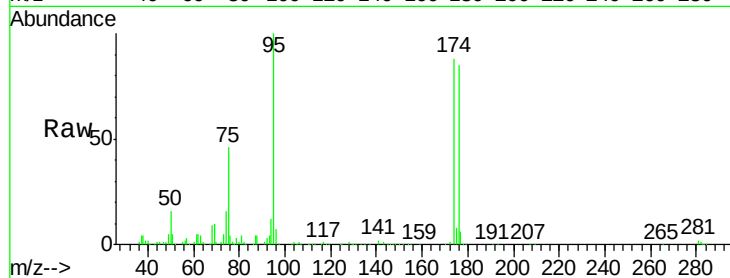
Tot Ion: 95 Resp: 218358

Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

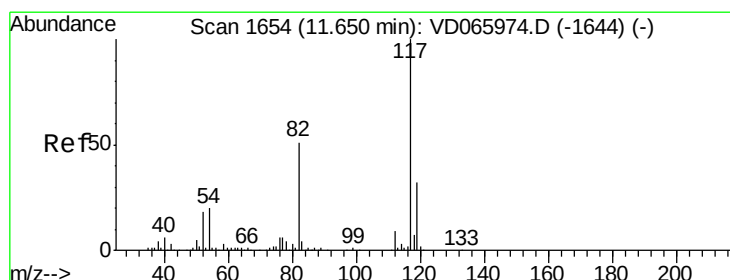
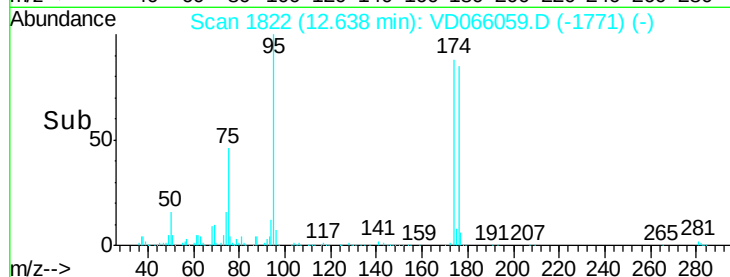
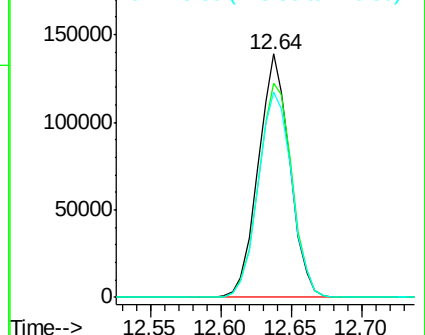
176 89.9 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD066059.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066059.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066059.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

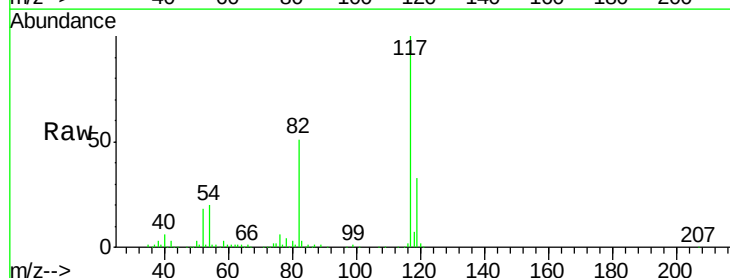
Tgt Ion: 117 Resp: 480564

Ion Ratio Lower Upper

117 100

82 51.3 41.1 61.7

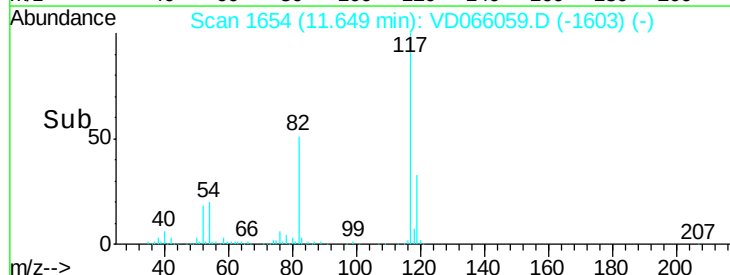
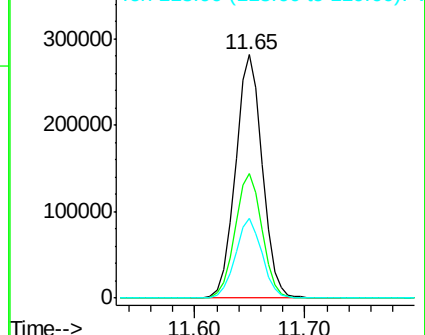
119 32.5 25.9 38.9

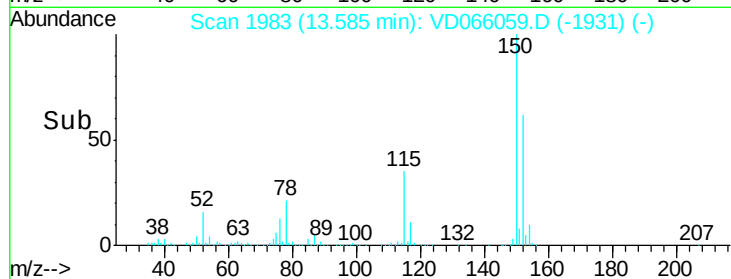
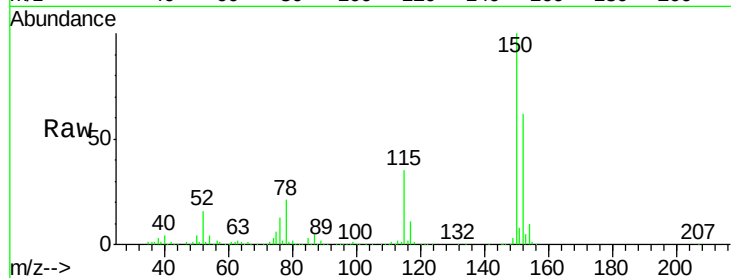
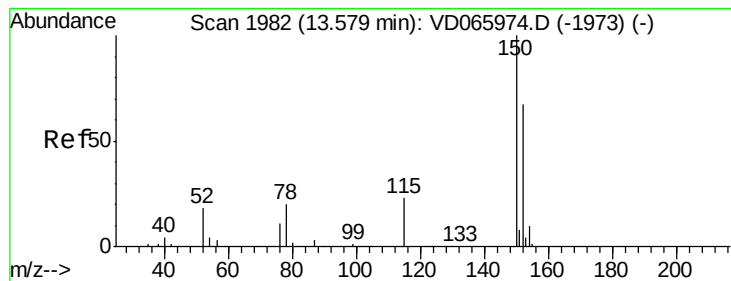


Abundance Ion 116.90 (116.60 to 117.60): VD066059.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD066059.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD066059.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

4

Tot Ion:152 Resp: 248874

Ion Ratio Lower Upper

152 100

115 56.2 27.9 83.7

150 158.1 0.0 348.2

