

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066222.D
 Acq On : 13 Aug 2020 20:42
 Operator : VA/SY
 Sample : L3660-07
 Misc : 7.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-58

Quant Time: Aug 14 03:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

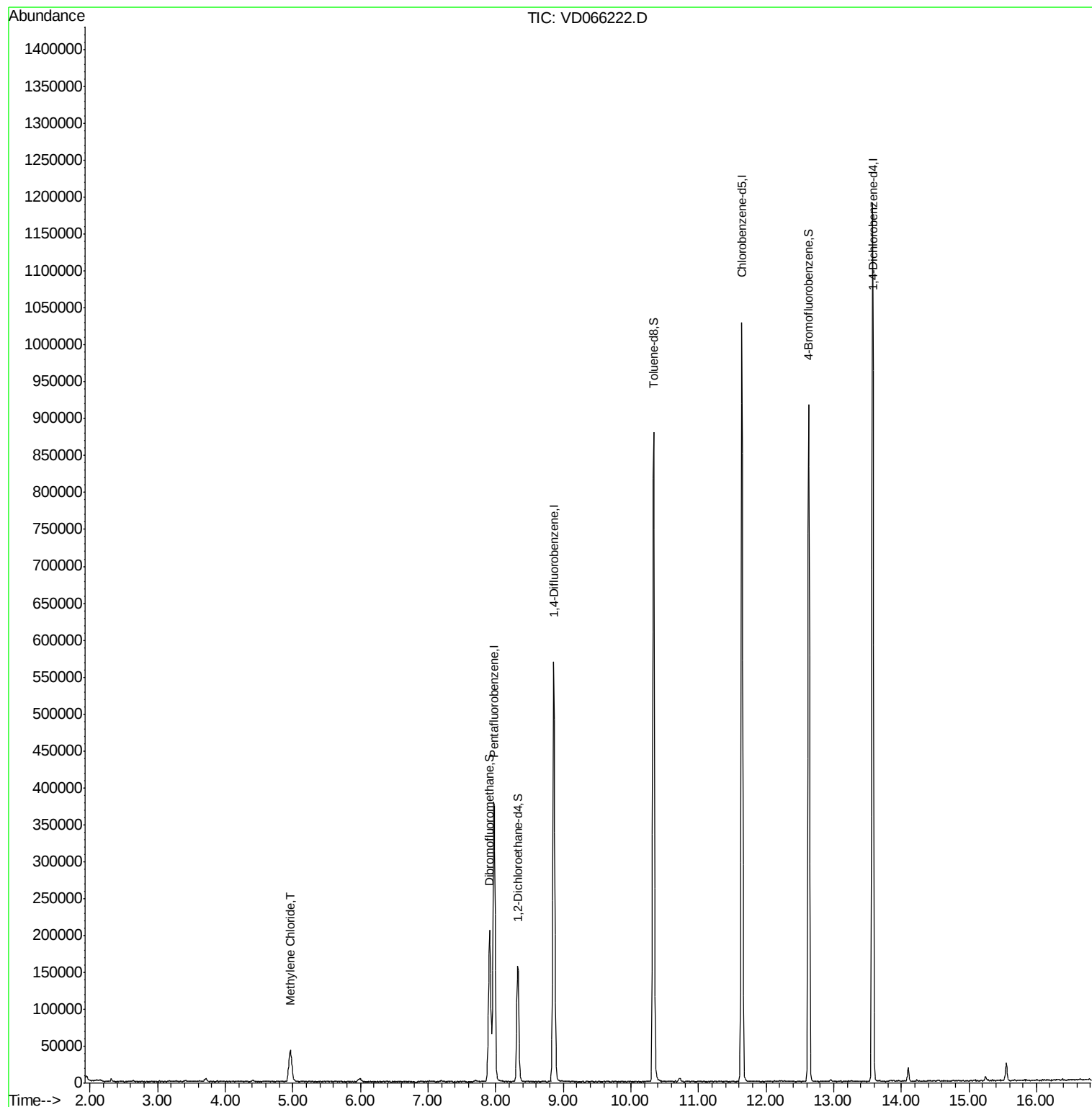
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	295879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	590278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	128826	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.91	113	147446	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.34	98	603791	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.63	95	281903	68.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.78%	
Target Compounds						
20) Methylene Chloride	4.96	84	32572	7.344	ug/l	Qvalue 89

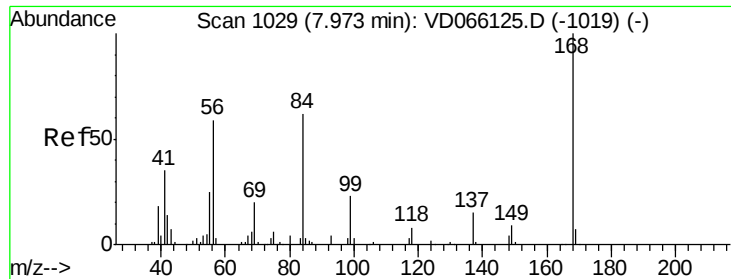
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066222.D

Acq: 13 Aug 2020 20:42

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MSVOA_D

ClientSampleId :

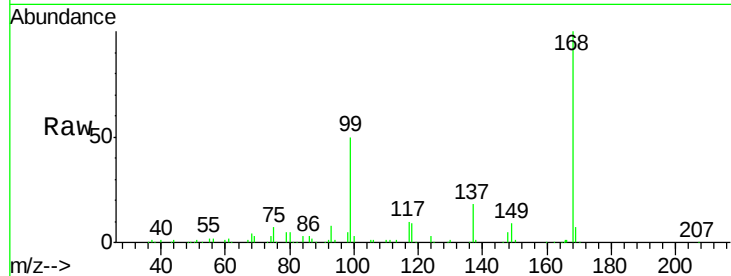
RBR-58

Tot Ion:168 Resp: 295879

Ion Ratio Lower Upper

168 100

99 50.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

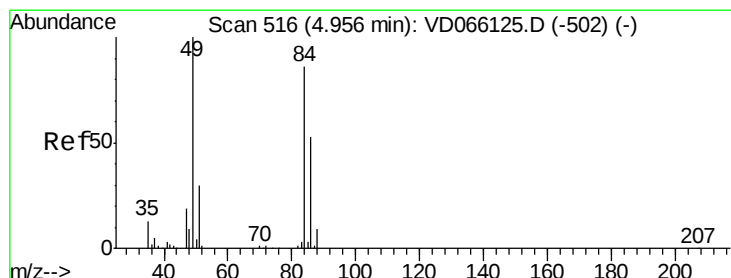
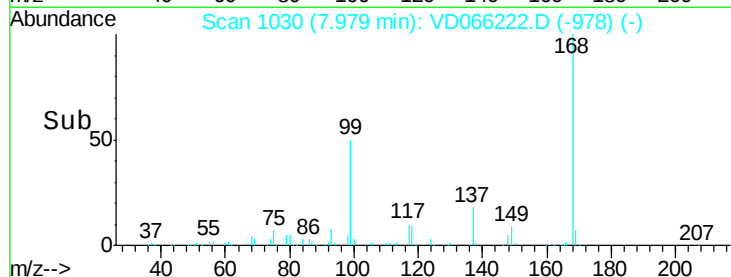
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 7.344 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

Tgt Ion: 84 Resp: 32572

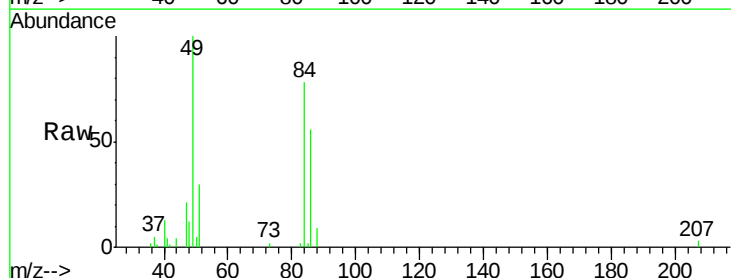
Ion Ratio Lower Upper

84 100

49 128.8 93.5 140.3

51 39.0 28.2 42.4

86 72.1 49.5 74.3



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

20000

15000

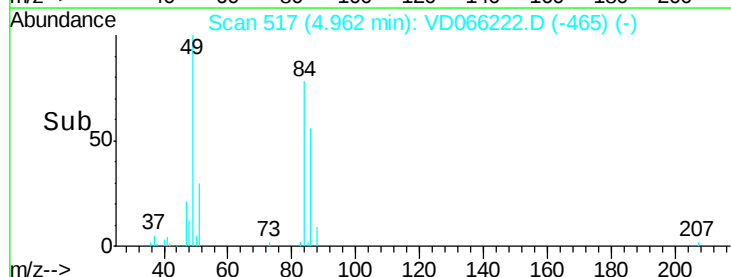
10000

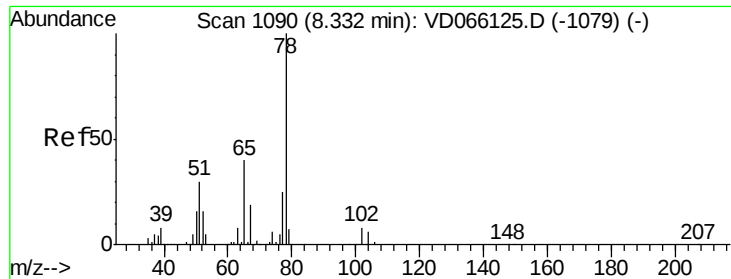
5000

0

4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.803 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

Instrument :

MSVOA_D

ClientSampleId :

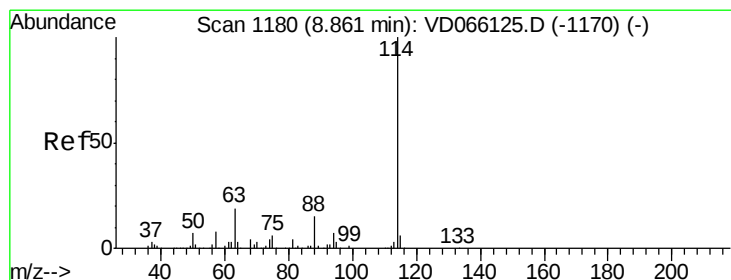
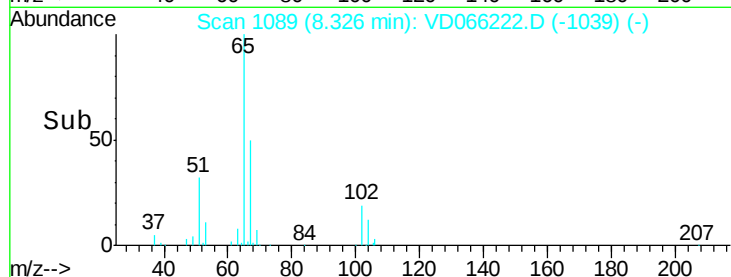
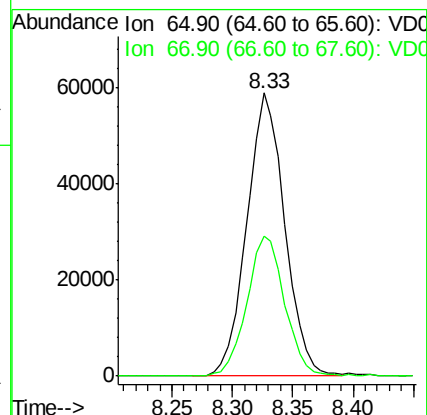
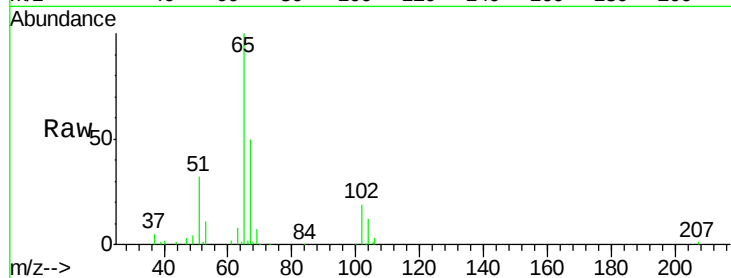
RBR-58

Tot Ion: 65 Resp: 128826

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

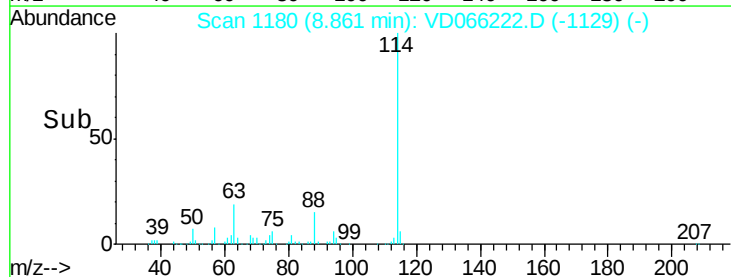
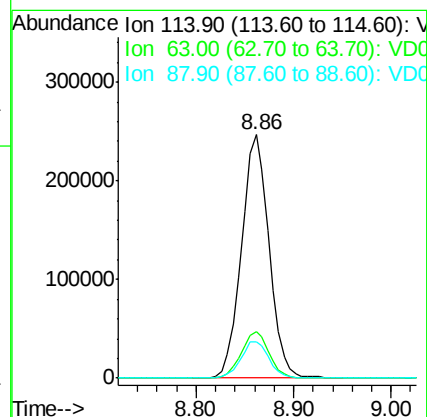
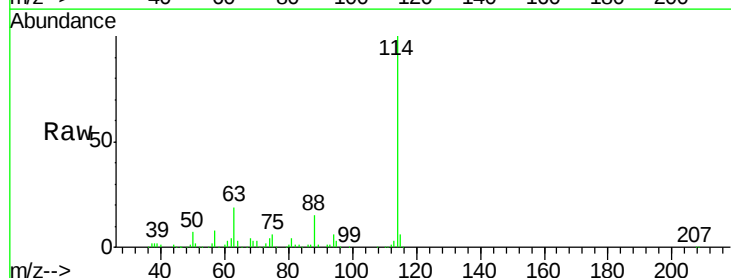
Tgt Ion:114 Resp: 485589

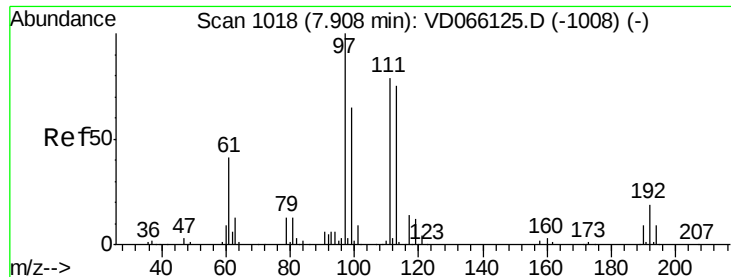
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.0 0.0 30.0

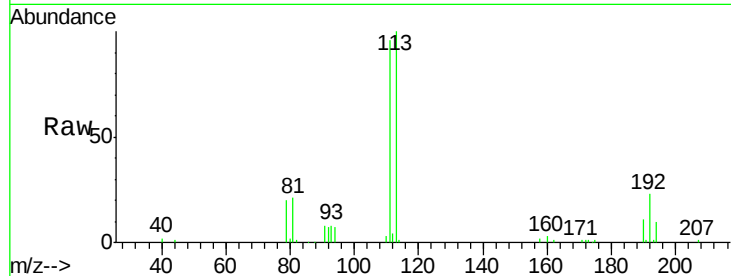




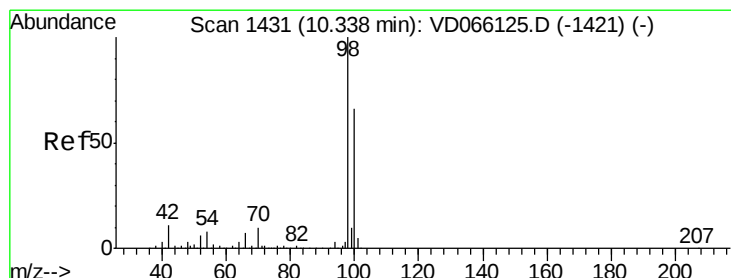
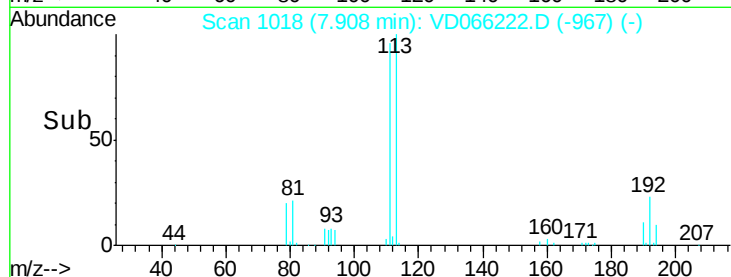
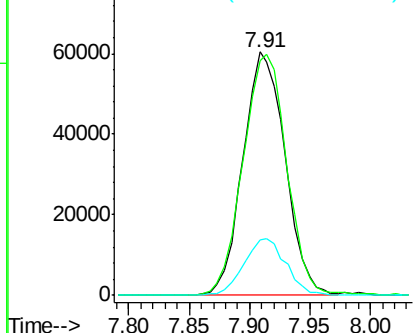
#35
Dibromofluoromethane
Concen: 47.932 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066222.D
Acq: 13 Aug 2020 20:42

Instrument :
MSVOA_D
ClientSampleId :
RBR-58

Tot Ion:113 Resp: 147446
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 23.2 18.4 27.6

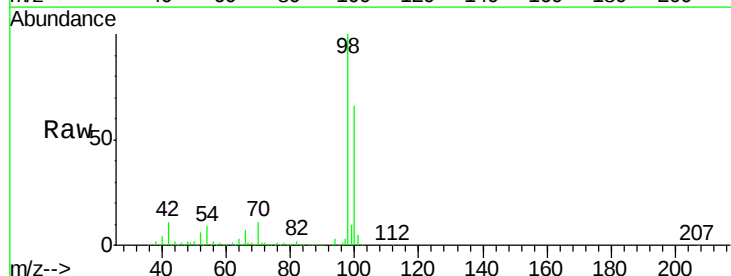


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

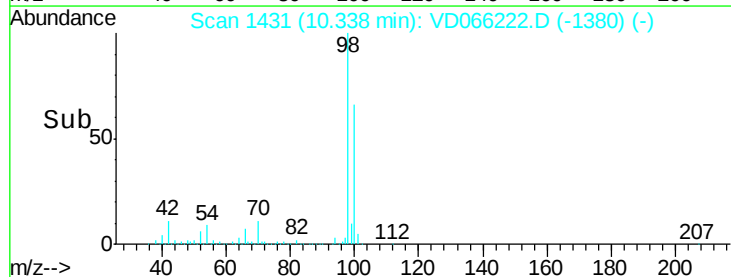
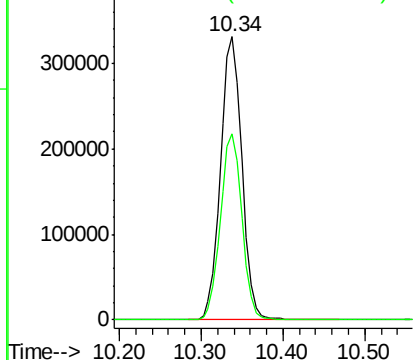


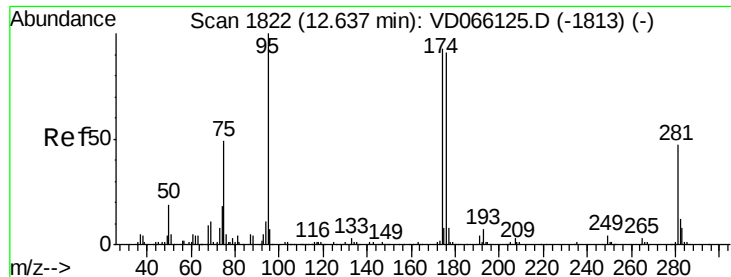
#50
Toluene-d8
Concen: 53.189 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066222.D
Acq: 13 Aug 2020 20:42

Tgt Ion: 98 Resp: 603791
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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





#62

4-Bromofluorobenzene

Concen: 68.893 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

Instrument :

MSVOA_D

ClientSampleId :

RBR-58

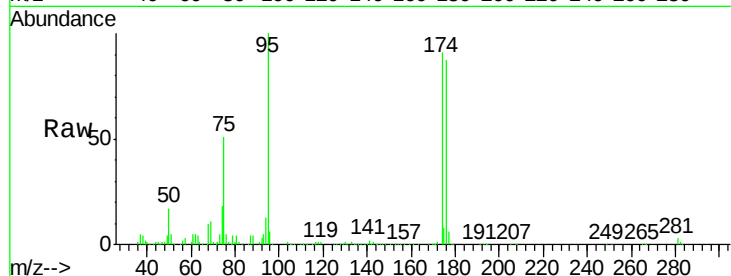
Tot Ion: 95 Resp: 281903

Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.8

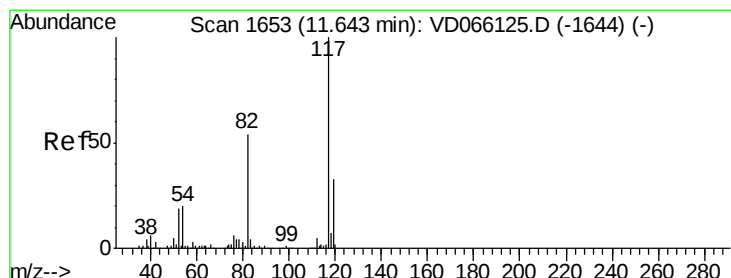
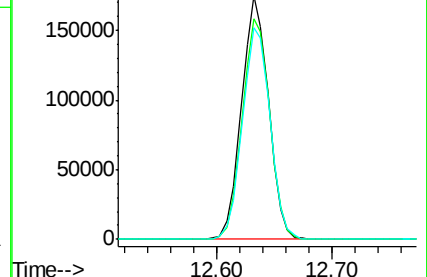
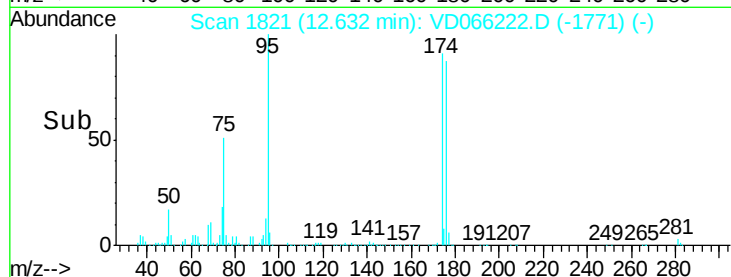
176 89.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066222.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066222.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066222.D (-1813) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

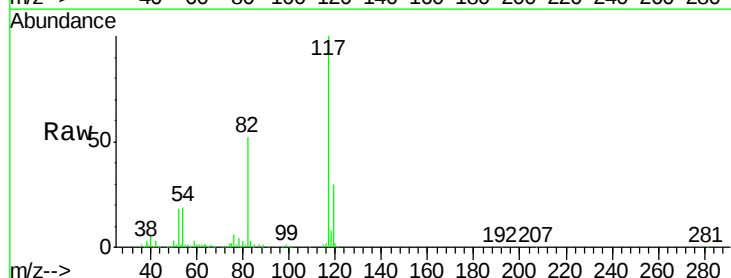
Tgt Ion: 117 Resp: 590278

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.4

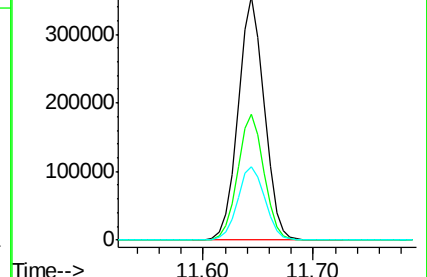
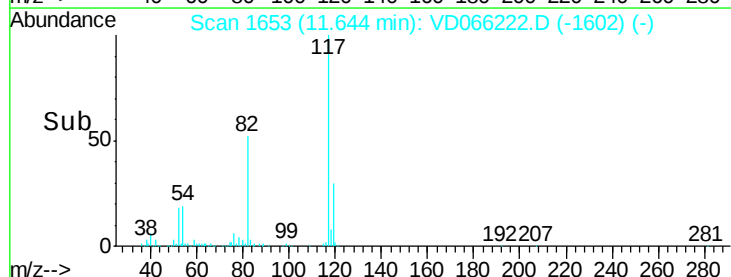
119 30.0 26.1 39.1

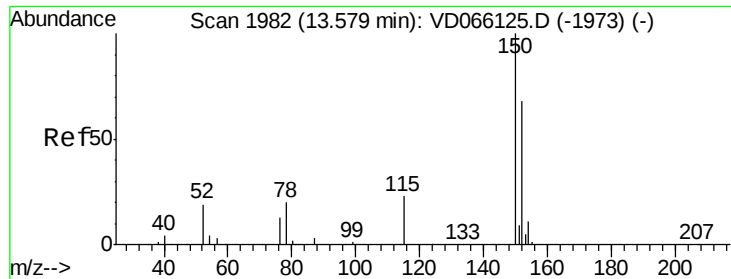


Abundance Ion 116.90 (116.60 to 117.60): VD066222.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD066222.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066222.D (-1644) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066222.D

Acq: 13 Aug 2020 20:42

Instrument :

MSVOA_D

ClientSampleId :

RBR-58

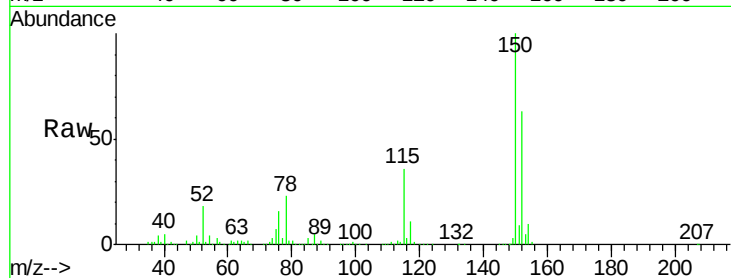
Tot Ion:152 Resp: 327503

Ion Ratio Lower Upper

152 100

115 56.8 28.0 83.9

150 156.1 0.0 346.4



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

