

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065901.D
 Acq On : 01 Jul 2020 11:37
 Operator : VA/SY
 Sample : VD0701SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBL01

Quant Time: Jul 02 05:01:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

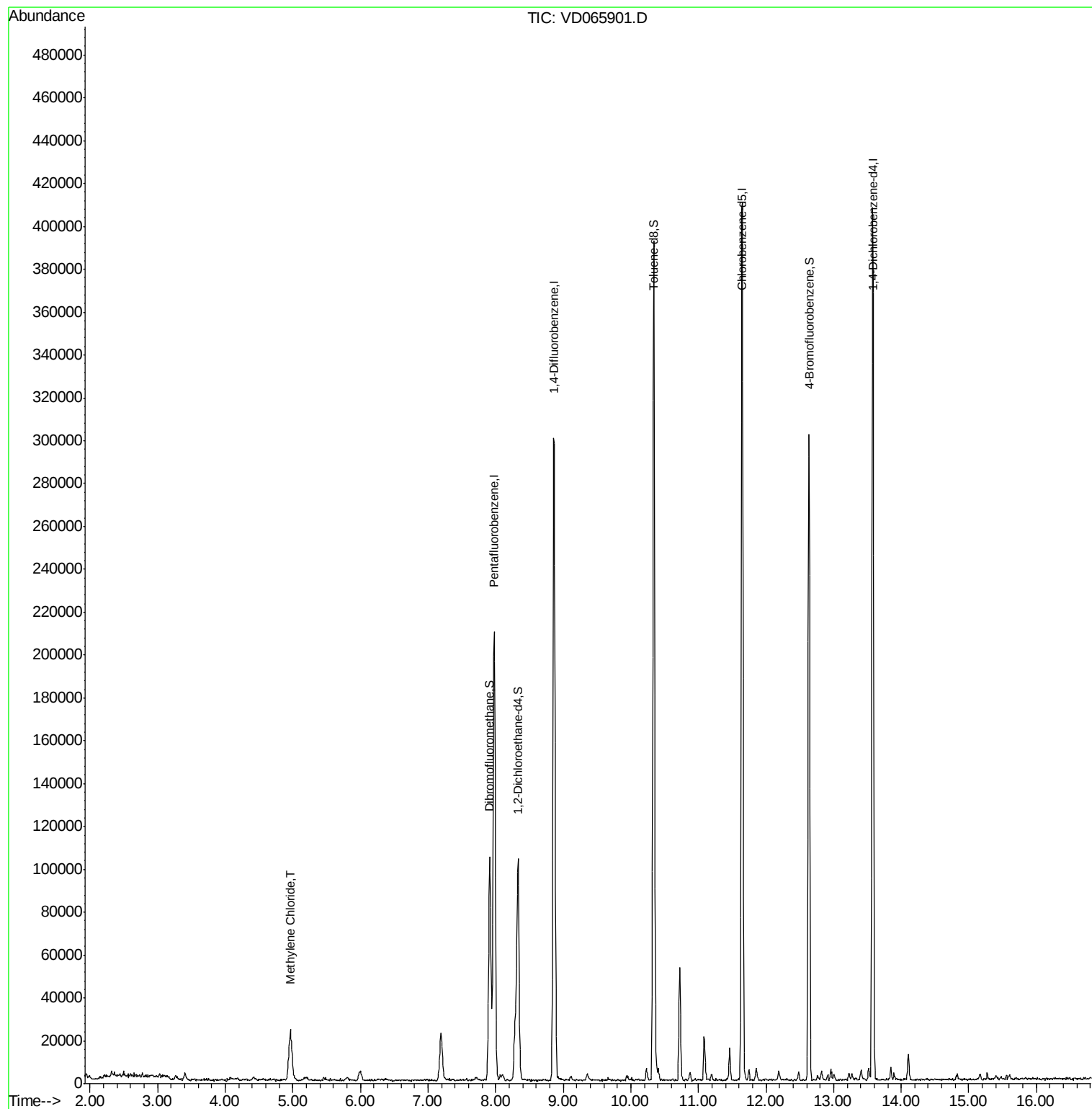
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	149735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	260327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	232668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80489	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.91	113	76070	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.34	98	264970	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
62) 4-Bromofluorobenzene	12.64	95	85065	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
Target Compounds						
20) Methylene Chloride	4.96	84	17048	5.947	ug/l	Qvalue 92

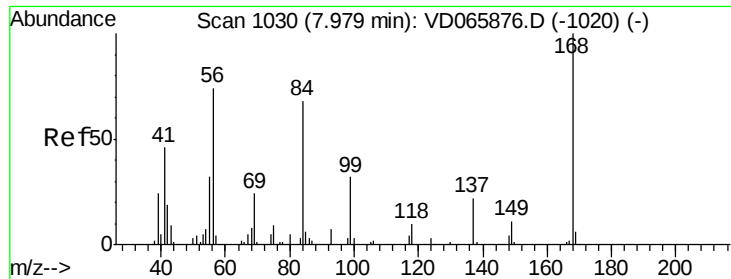
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065901.D

Acq: 01 Jul 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

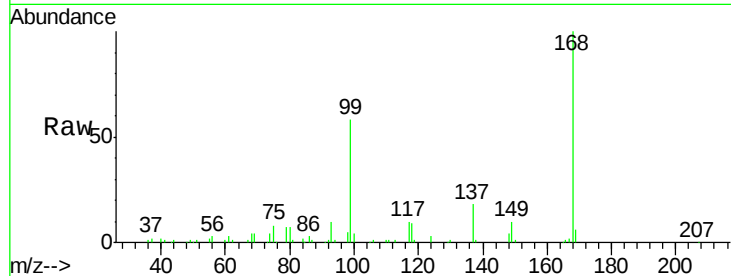
VD0701SBL01

Tot Ion:168 Resp: 149735

Ion Ratio Lower Upper

168 100

99 57.2 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

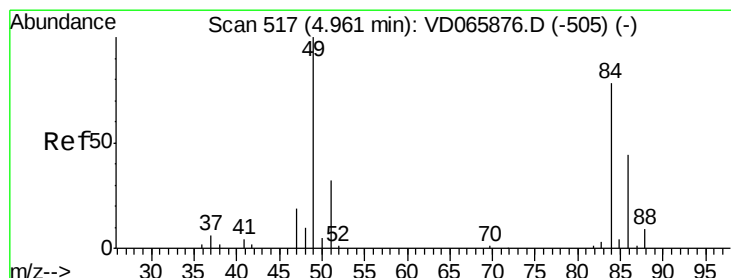
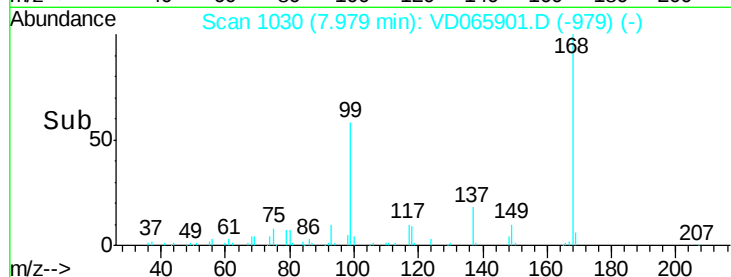
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.947 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065901.D

Acq: 01 Jul 2020 11:37

Tgt Ion: 84 Resp: 17048

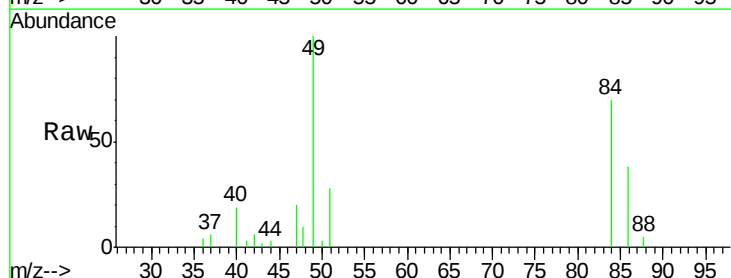
Ion Ratio Lower Upper

84 100

49 143.8 103.0 154.6

51 39.9 32.7 49.1

86 55.4 44.9 67.3



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

4.96

12000

10000

8000

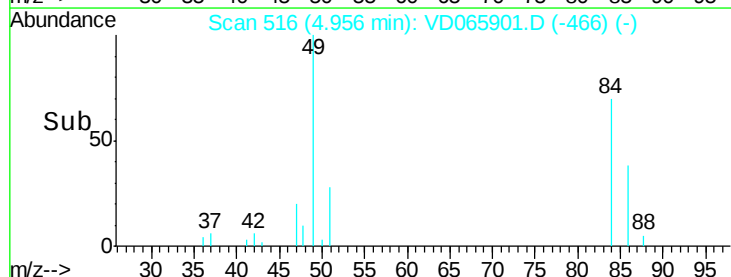
6000

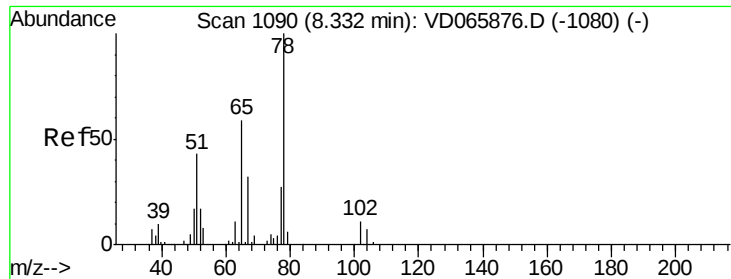
4000

2000

0

Time-->

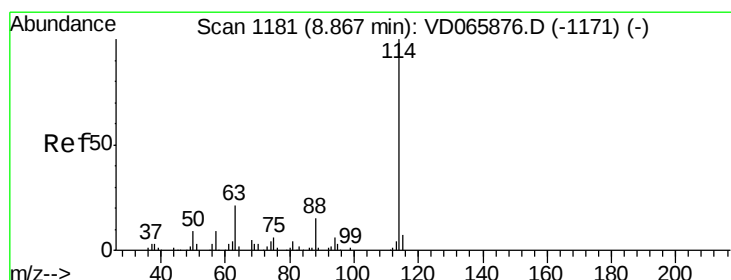
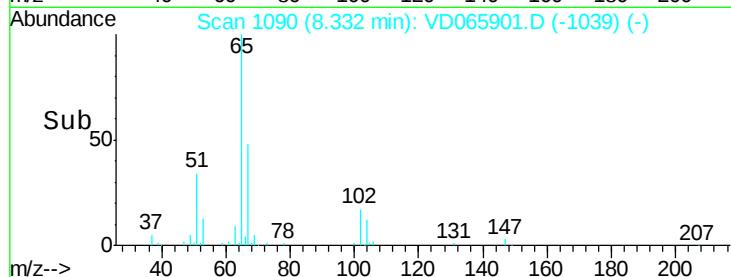
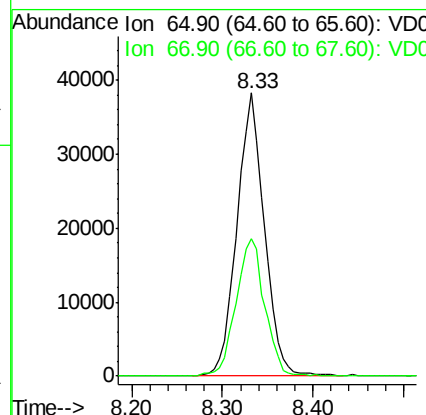
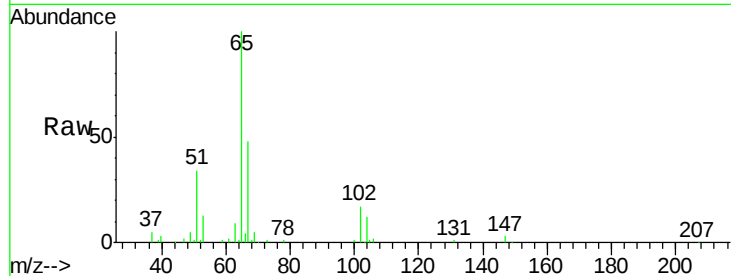




#33
 1,2-Dichloroethane-d4
 Concen: 51.741 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065901.D
 Acq: 01 Jul 2020 11:37

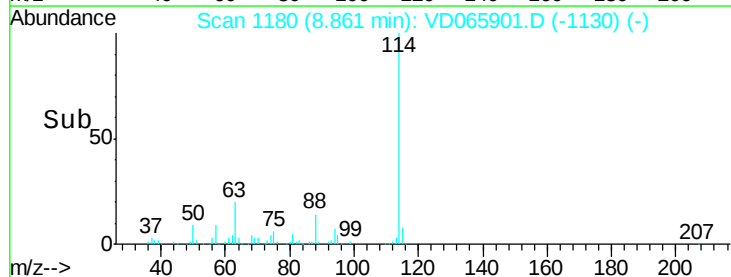
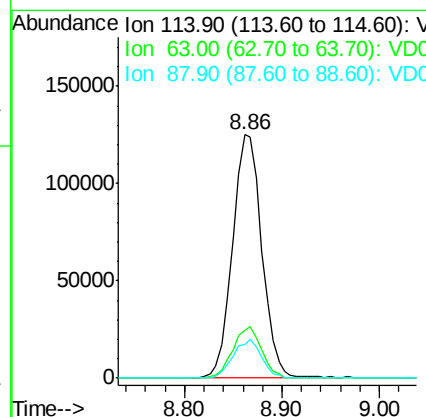
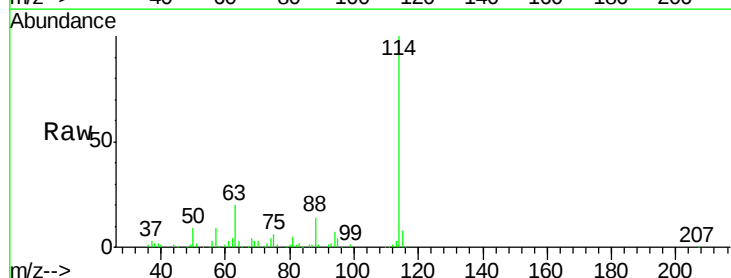
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBL01

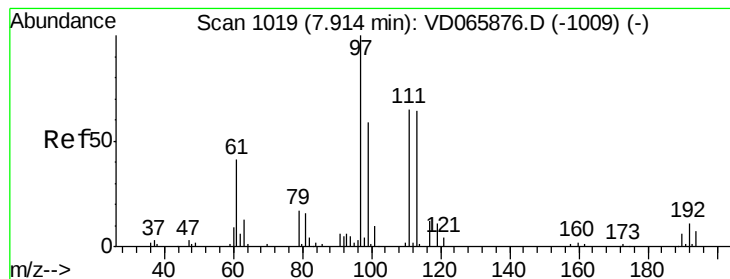
Tot Ion: 65 Resp: 80489
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065901.D
 Acq: 01 Jul 2020 11:37

Tgt Ion: 114 Resp: 260327
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.6
 88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.275 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065901.D

Acq: 01 Jul 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0701SBL01

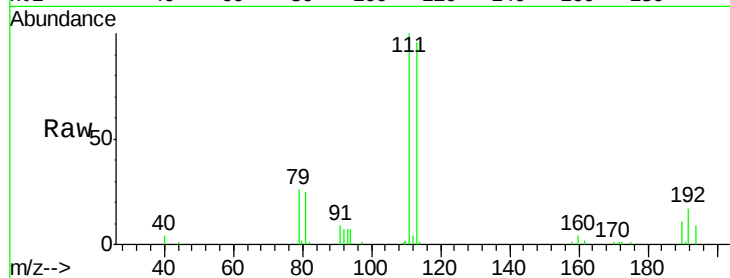
Tot Ion:113 Resp: 76070

Ion Ratio Lower Upper

113 100

111 100.4 81.0 121.6

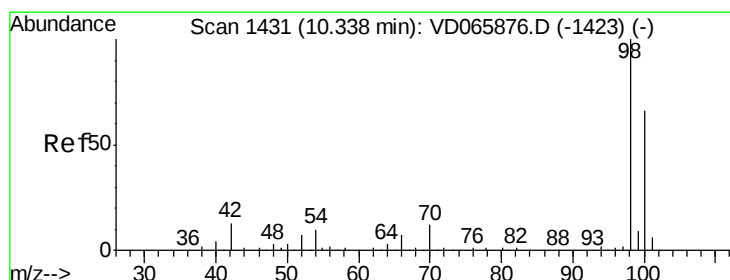
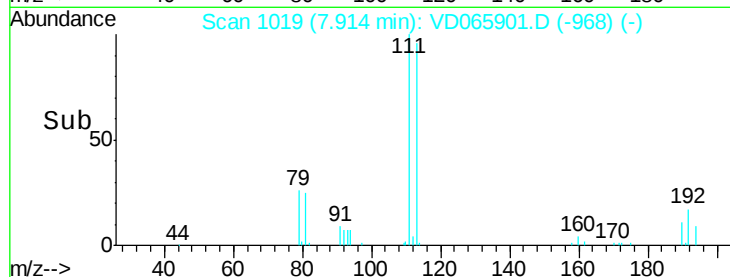
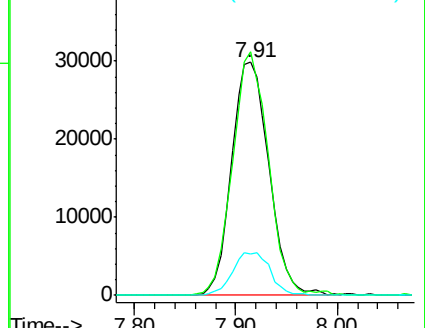
192 18.6 15.2 22.8



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: 43.776 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD065901.D

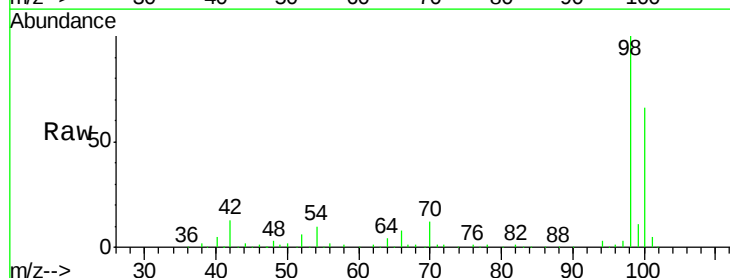
Acq: 01 Jul 2020 11:37

Tgt Ion: 98 Resp: 264970

Ion Ratio Lower Upper

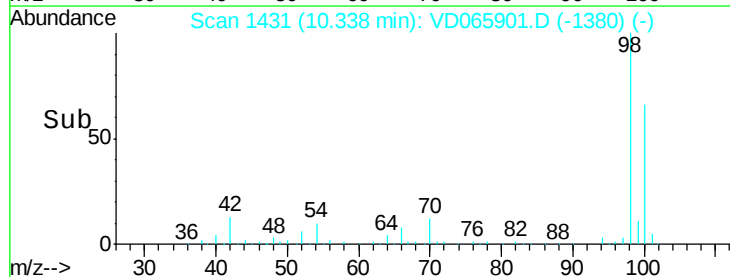
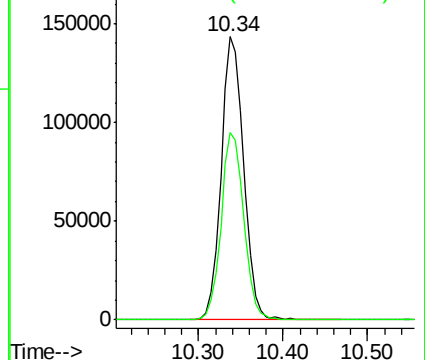
98 100

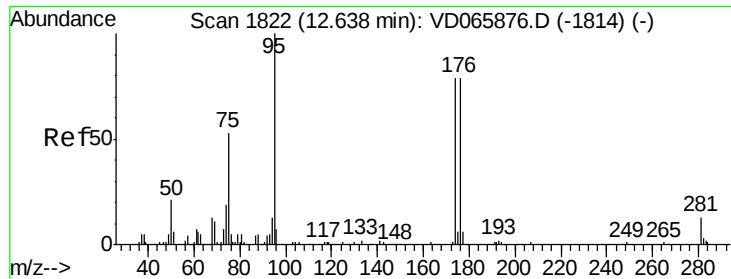
100 66.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.899 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065901.D

Acq: 01 Jul 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0701SBL01

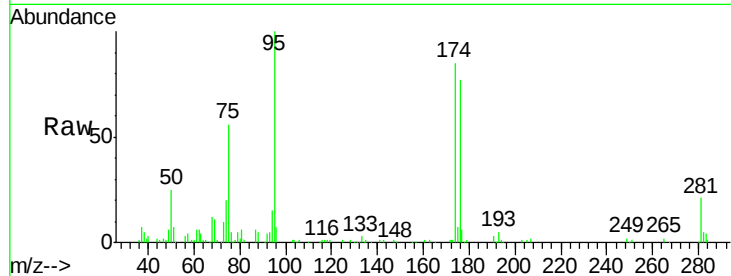
Tot Ion: 95 Resp: 85065

Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.4

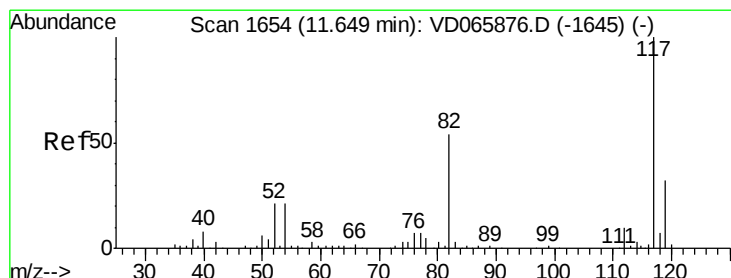
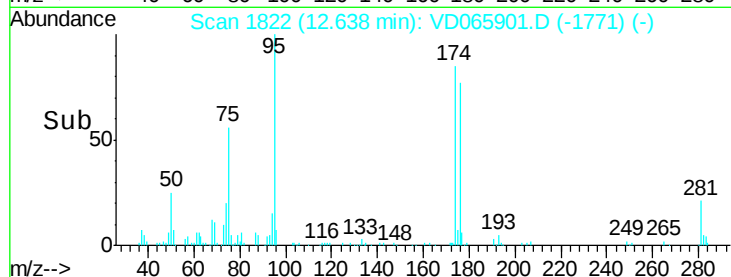
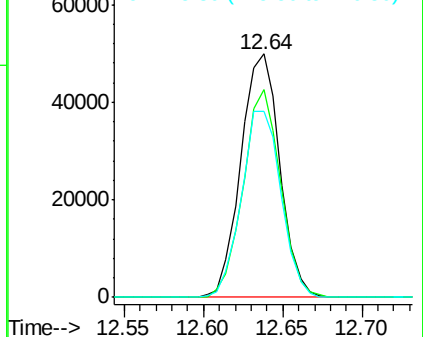
176 78.0 0.0 156.0



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: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD065901.D

Acq: 01 Jul 2020 11:37

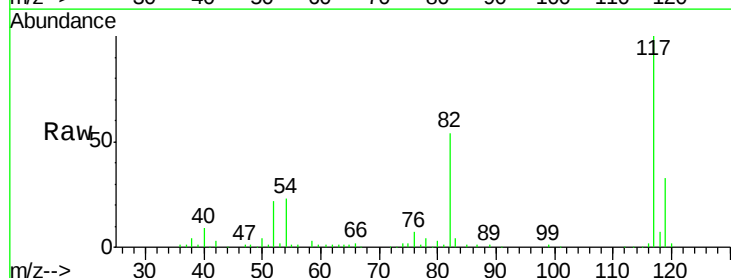
Tgt Ion: 117 Resp: 232668

Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

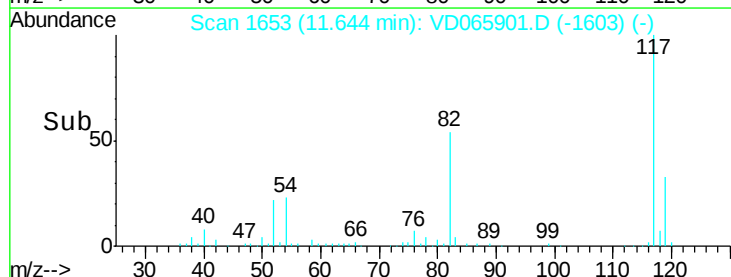
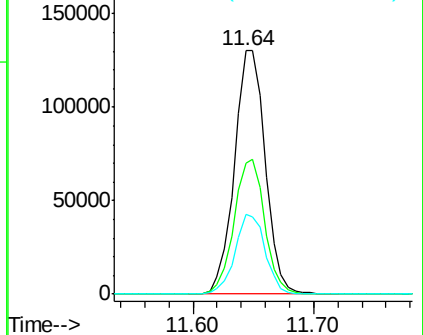
119 32.7 25.9 38.9

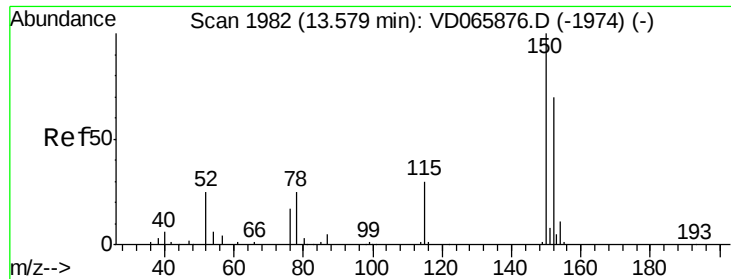


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

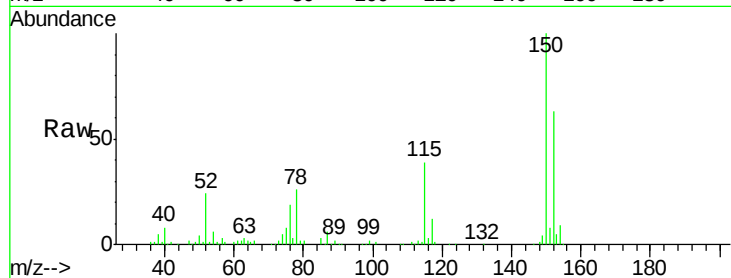




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD065901.D
 Acq: 01 Jul 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.7	89.1
150	155.6	0.0	346.2



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

