

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067210.D
 Acq On : 09 Oct 2020 14:33
 Operator : VA/SY
 Sample : L4342-08
 Misc : 6.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-3-SO-3

Quant Time: Oct 10 00:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

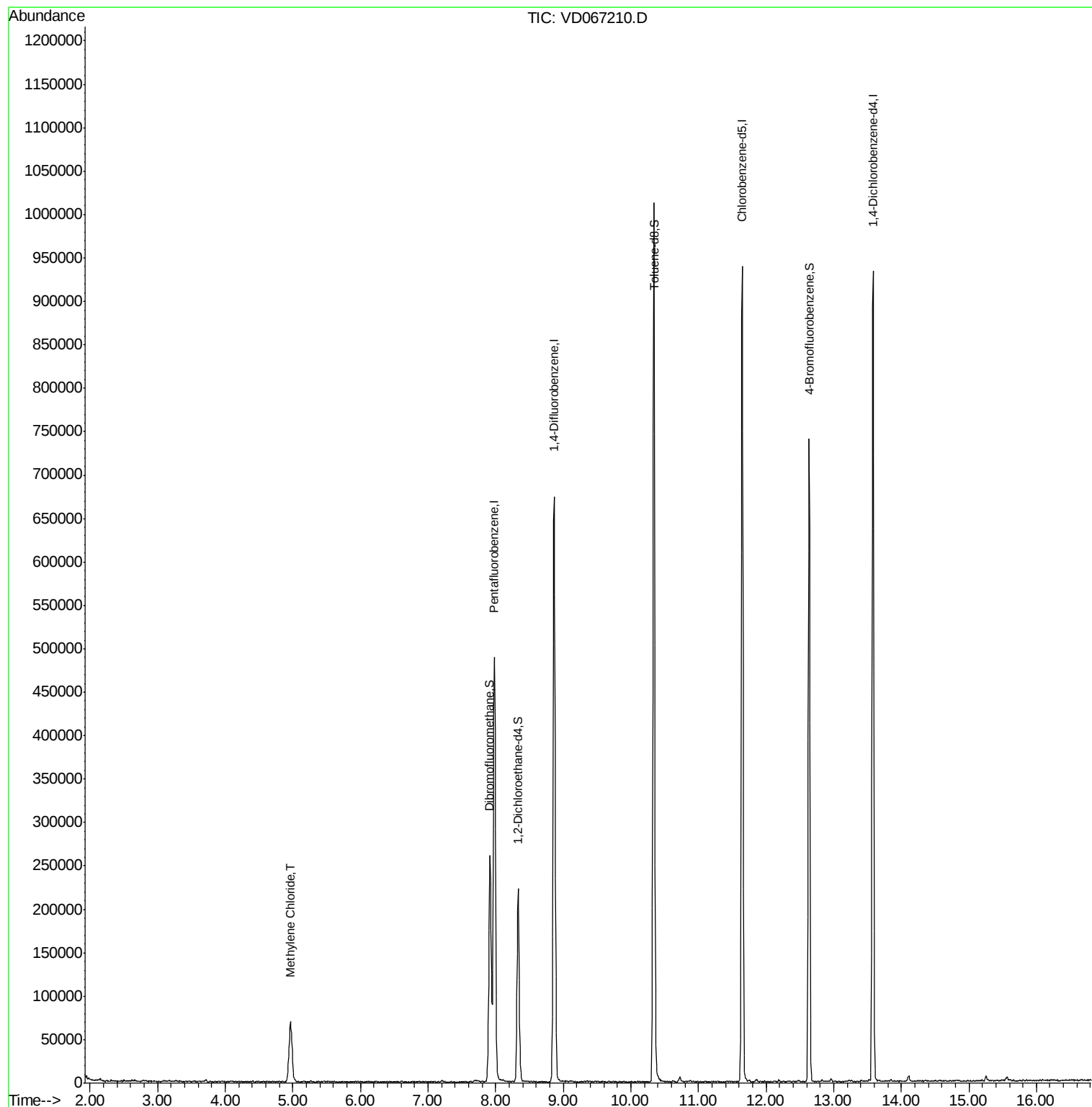
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	370180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	603307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	561062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183370	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.91	113	191872	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.34	98	704027	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.64	95	238152	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
Target Compounds						
20) Methylene Chloride	4.97	84	57645	8.952	ug/l	Qvalue 96

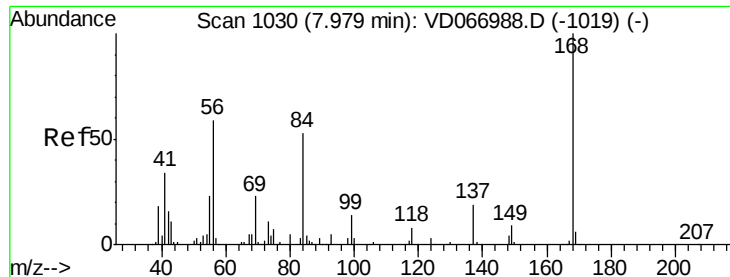
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067210.D

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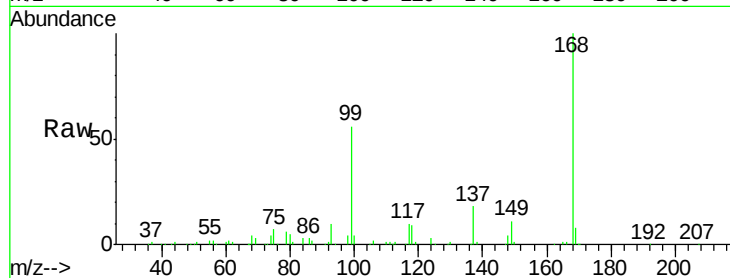
BACKFILL OFFSITE-3-SO-3

Tot Ion: 168 Resp: 370180

Ion Ratio Lower Upper

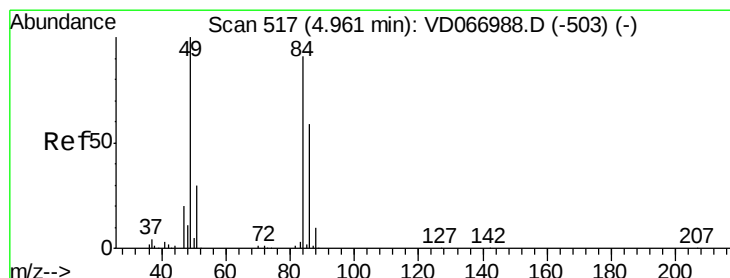
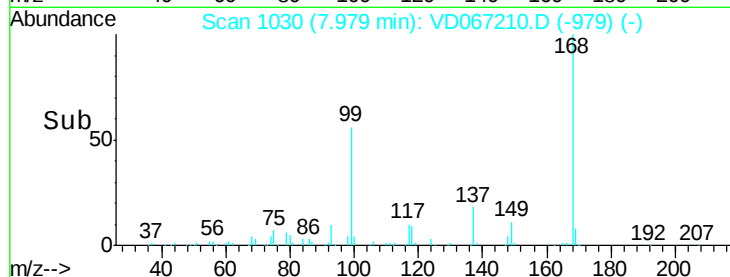
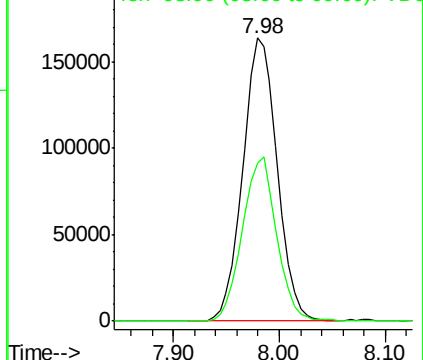
168 100

99 55.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 8.952 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067210.D

Acq: 09 Oct 2020 14:33

Tgt Ion: 84 Resp: 57645

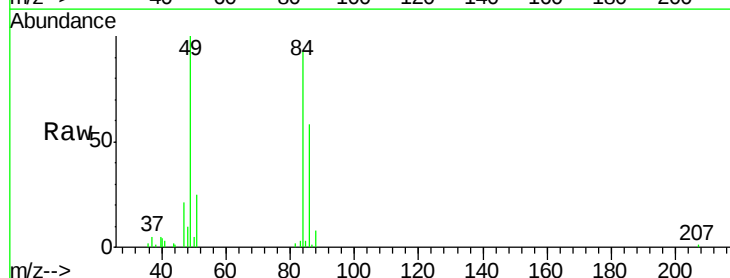
Ion Ratio Lower Upper

84 100

49 107.9 88.2 132.2

51 26.8 26.6 39.8

86 62.4 52.1 78.1

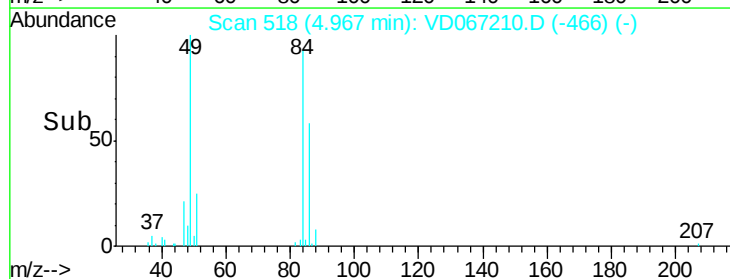
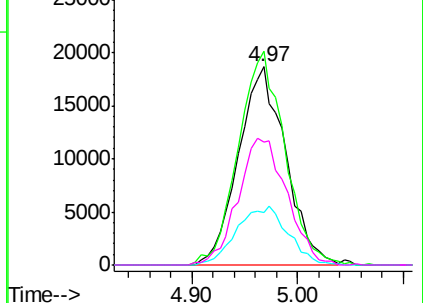


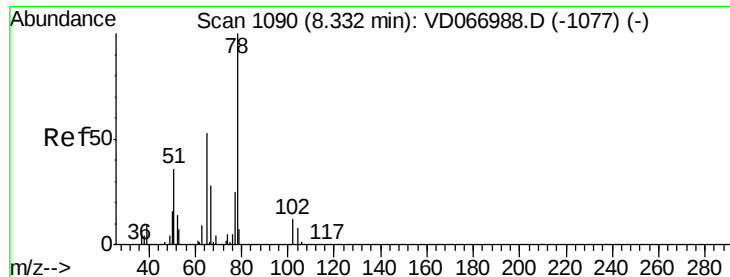
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

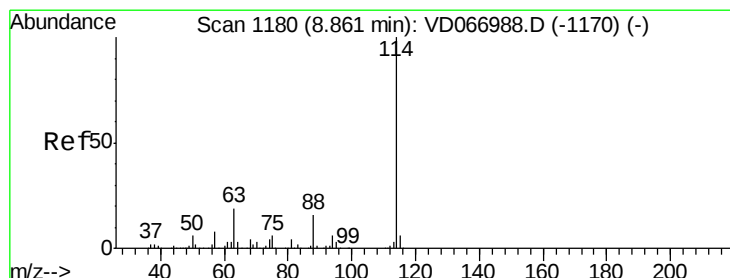
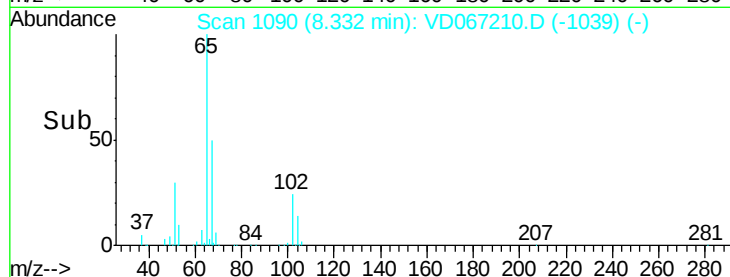
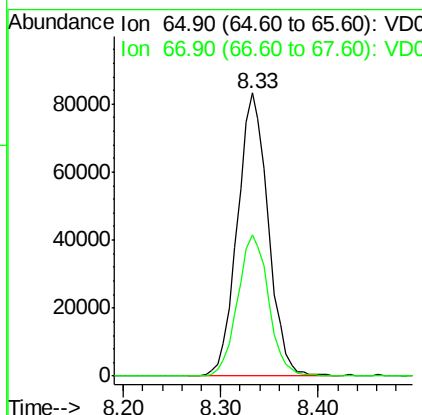
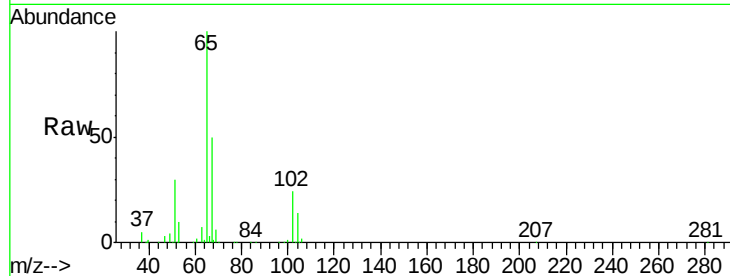




#33
 1,2-Dichloroethane-d4
 Concen: 51.428 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067210.D
 Acq: 09 Oct 2020 14:33

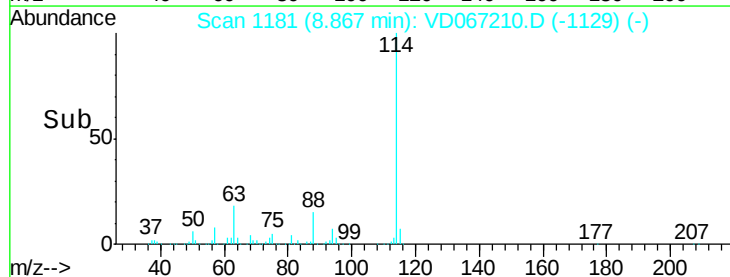
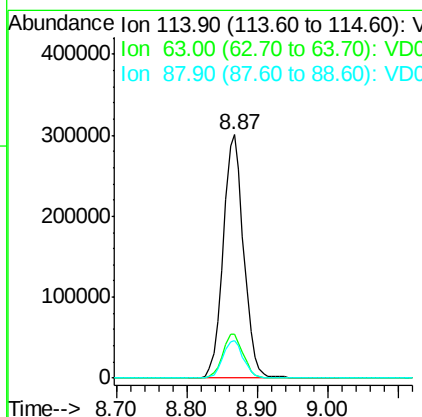
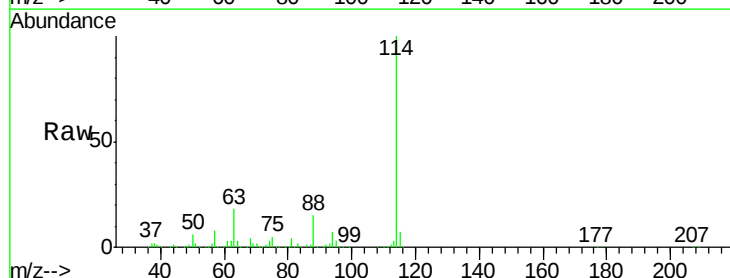
Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-OFFSITE-3-SO-3

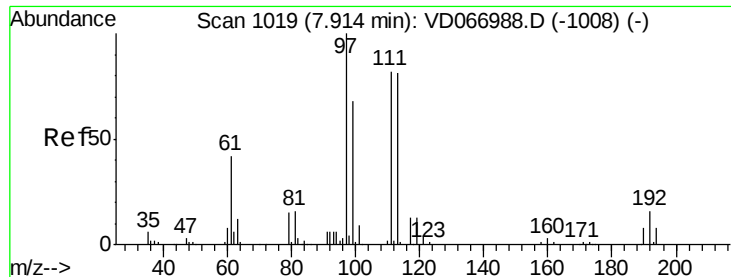
Tot Ion: 65 Resp: 183370
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067210.D
 Acq: 09 Oct 2020 14:33

Tgt Ion: 114 Resp: 603307
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 15.4 0.0 31.2

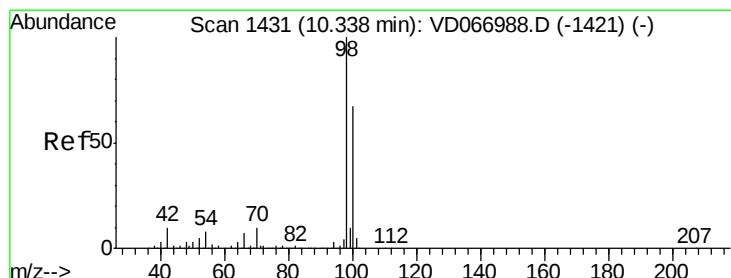
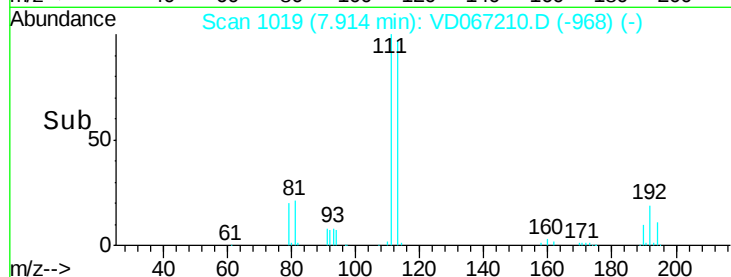
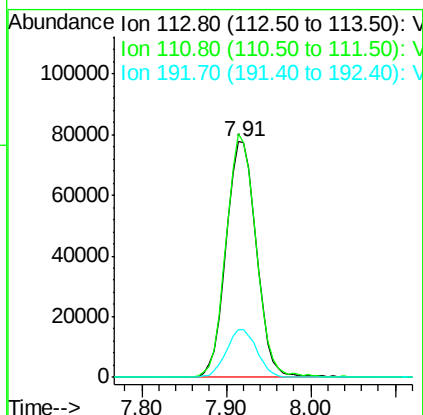
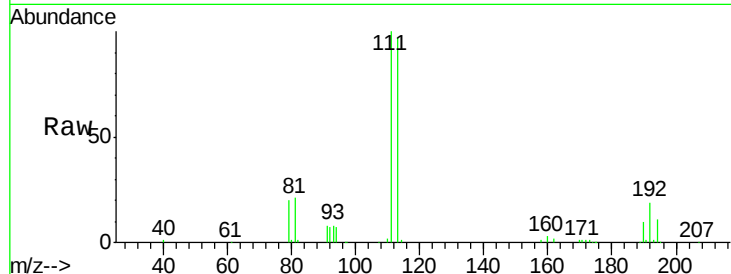




#35
 Dibromofluoromethane
 Concen: 48.578 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067210.D
 Acq: 09 Oct 2020 14:33

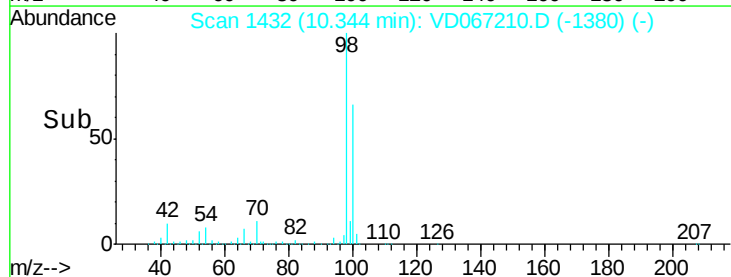
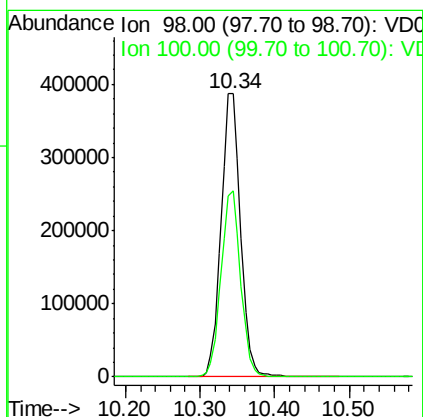
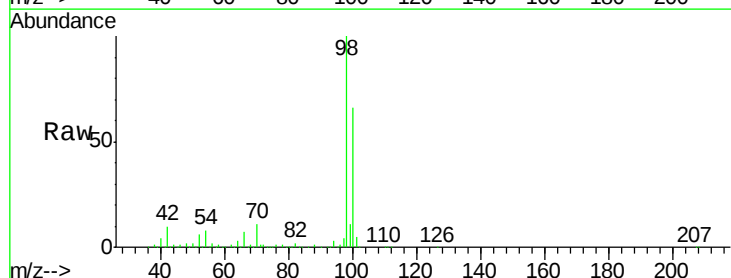
Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-3-SO-3

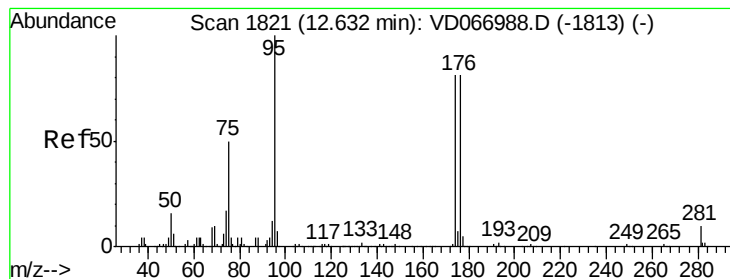
Tot Ion: 113 Resp: 191872
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.0 124.4
 192 20.4 15.5 23.3



#50
 Toluene-d8
 Concen: 48.917 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD067210.D
 Acq: 09 Oct 2020 14:33

Tgt Ion: 98 Resp: 704027
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 48.743 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067210.D

Acq: 09 Oct 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL OFFSITE-3-SO-3

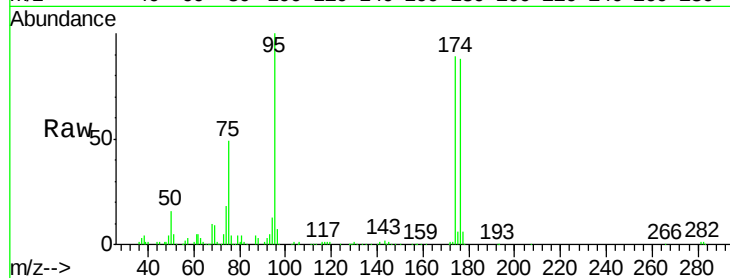
Tot Ion: 95 Resp: 238152

Ion Ratio Lower Upper

95 100

174 86.0 0.0 167.6

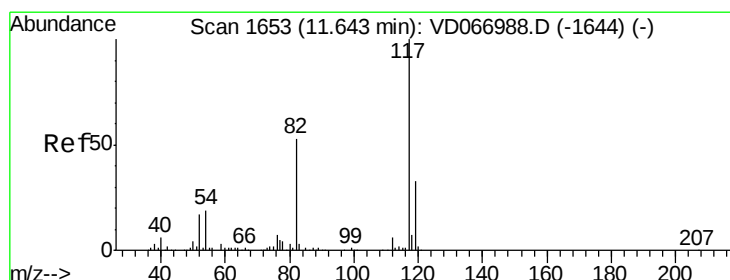
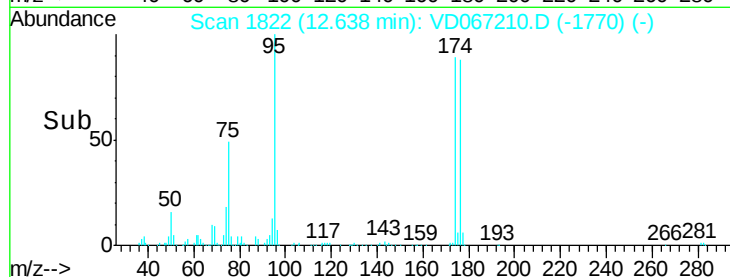
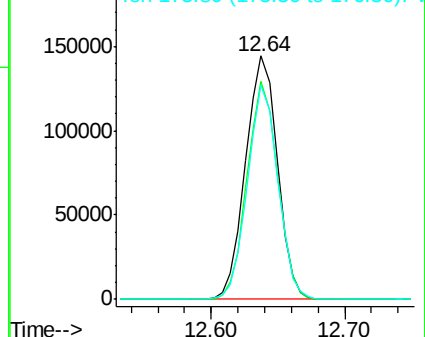
176 83.7 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD067210.D

Acq: 09 Oct 2020 14:33

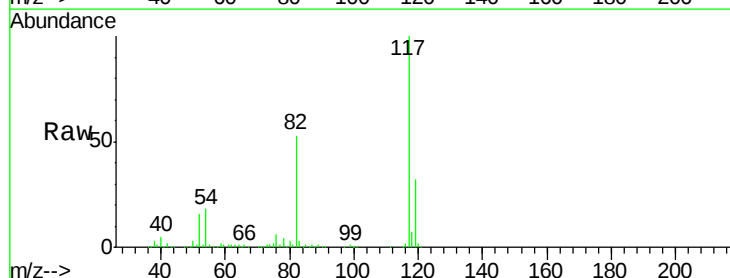
Tgt Ion: 117 Resp: 561062

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

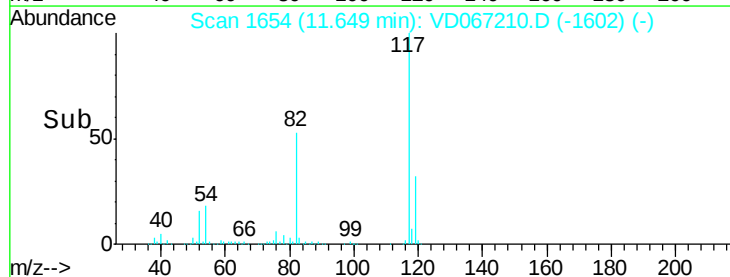
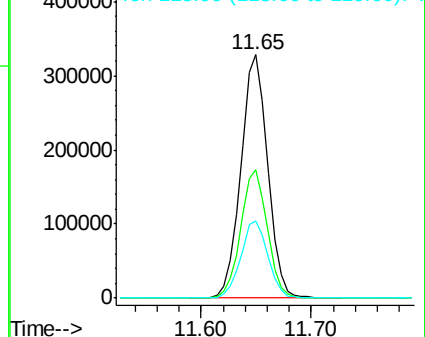
119 31.7 26.3 39.5

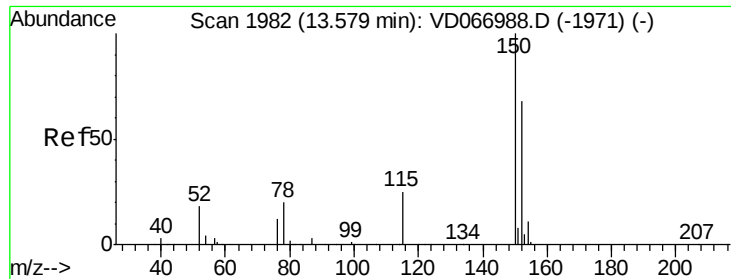


Abundance Ion 116.90 (116.60 to 117.60): VDC

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067210.D

Acq: 09 Oct 2020 14:33

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL OFFSITE-3-SO-3

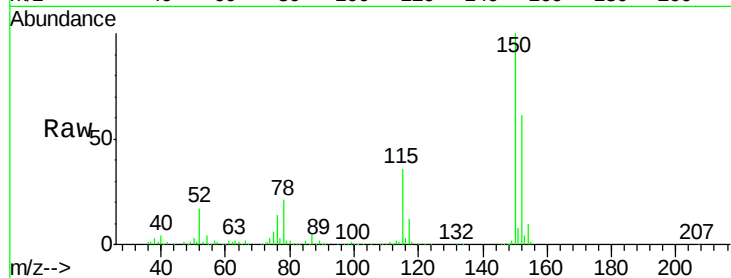
Tot Ion: 152 Resp: 264946

Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.8

150 157.2 0.0 344.8



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

