

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067211.D
 Acq On : 09 Oct 2020 15:00
 Operator : VA/SY
 Sample : L4342-09
 Misc : 6.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-3-SO-4

Quant Time: Oct 10 00:38:17 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

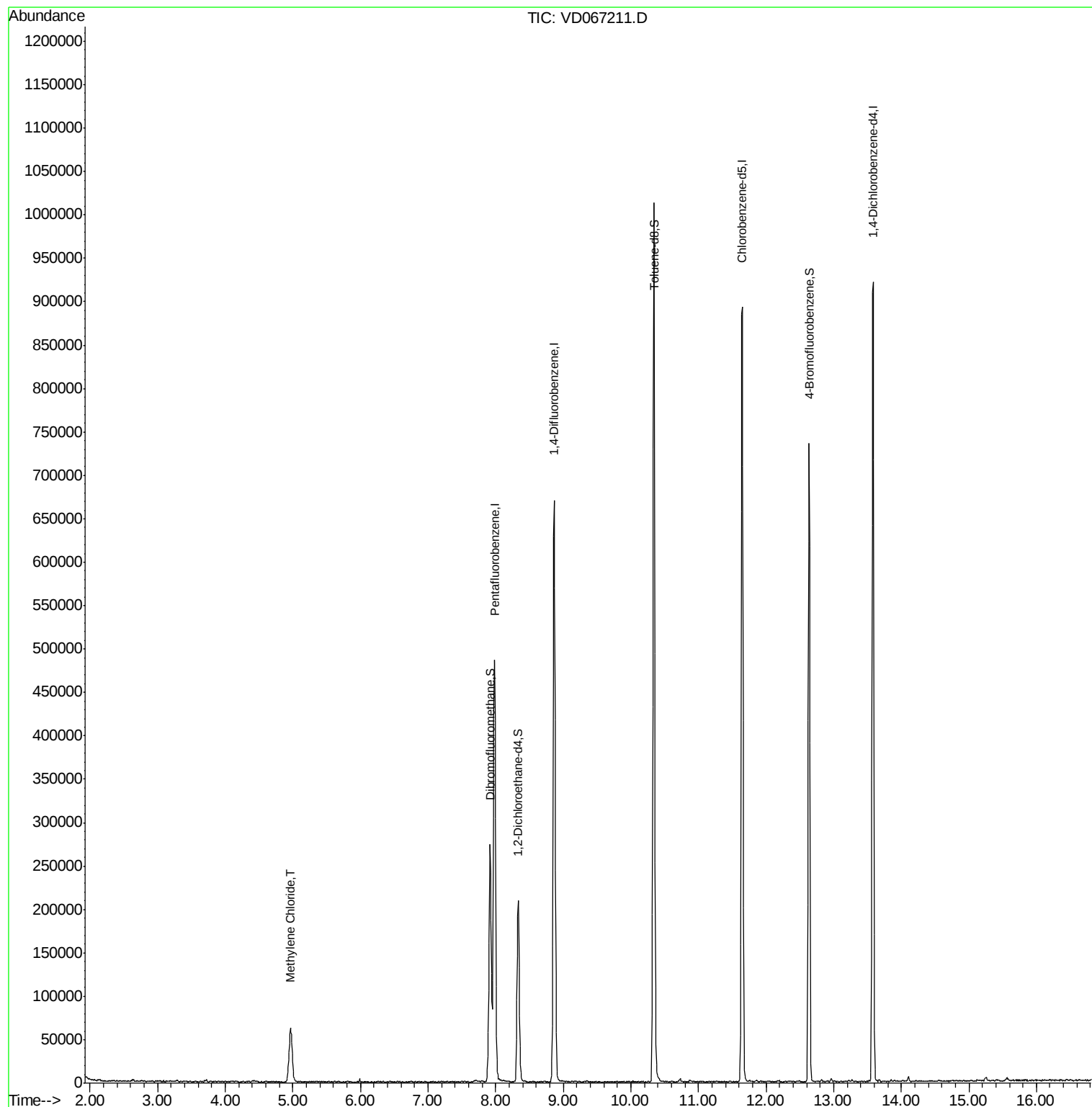
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	373040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	594338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	554470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184953	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	7.92	113	187594	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	10.34	98	690018	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	234319	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
20) Methylene Chloride	4.96	84	55375	8.136	ug/l	Qvalue 87

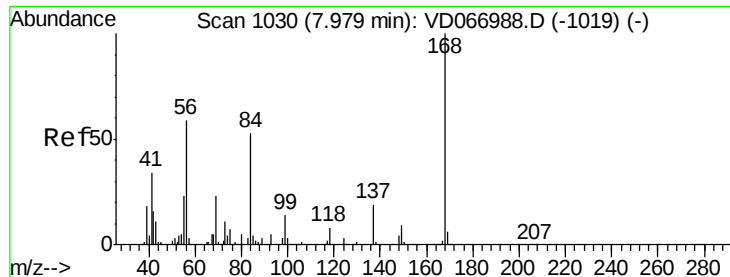
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. 0.01 min

Lab File: VD067211.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_D

ClientSampleId :

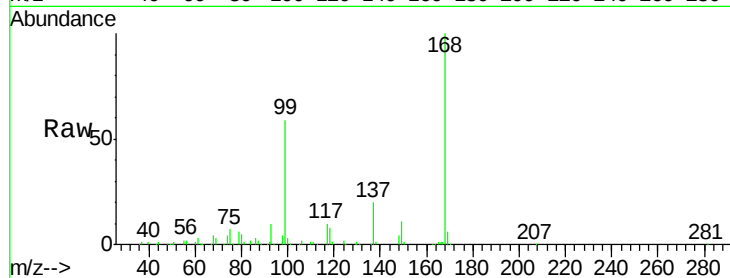
BACKFILL OFFSITE-3-SO-4

Tot Ion:168 Resp: 373040

Ion Ratio Lower Upper

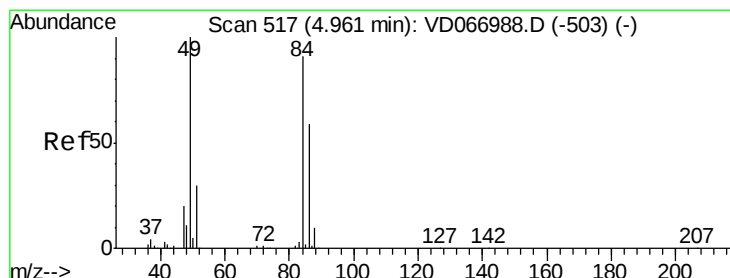
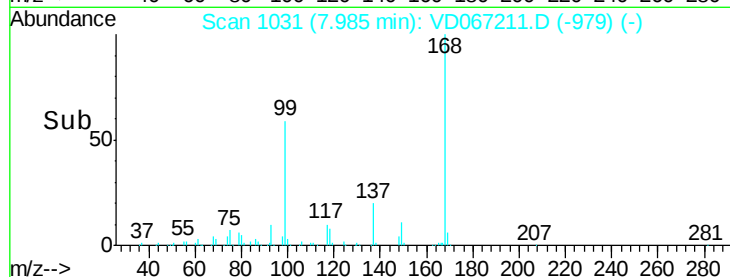
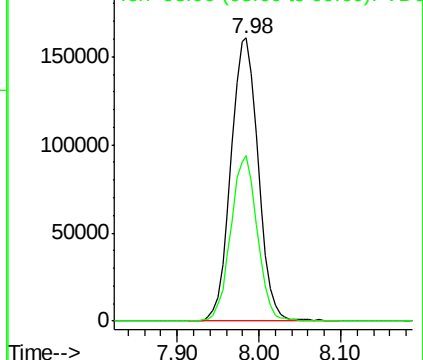
168 100

99 58.5 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: 8.136 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067211.D

Acq: 09 Oct 2020 15:00

Tgt Ion: 84 Resp: 55375

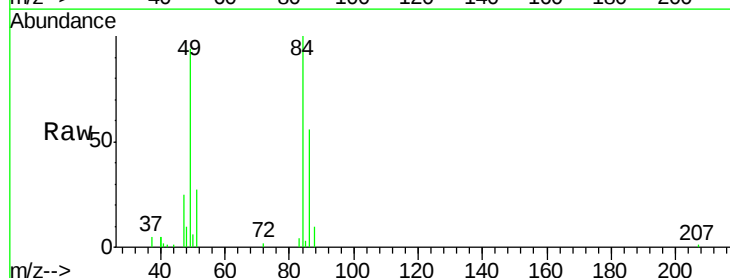
Ion Ratio Lower Upper

84 100

49 94.2 88.2 132.2

51 27.2 26.6 39.8

86 55.9 52.1 78.1

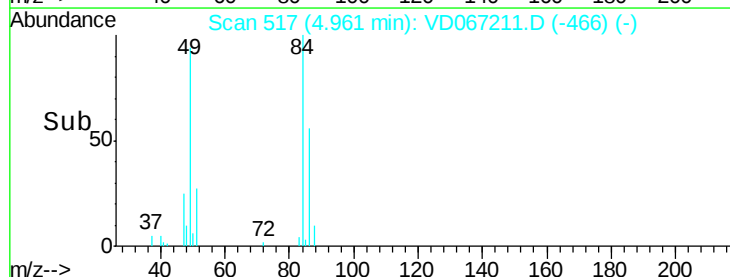
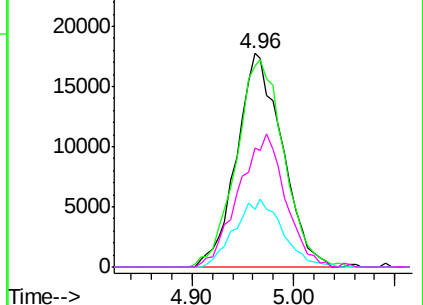


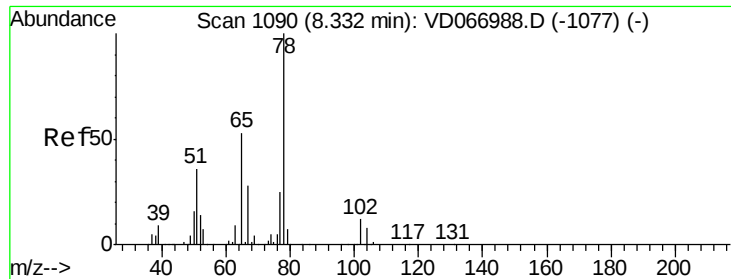
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

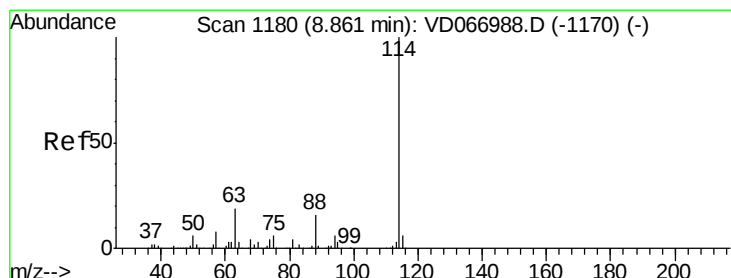
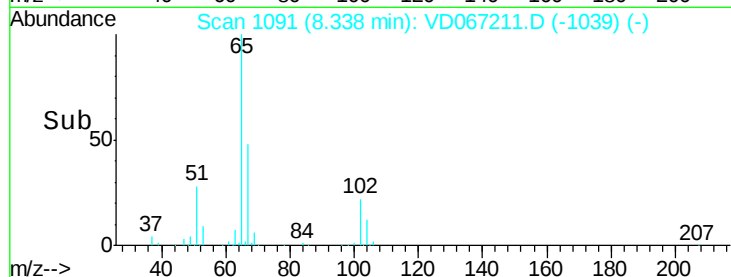
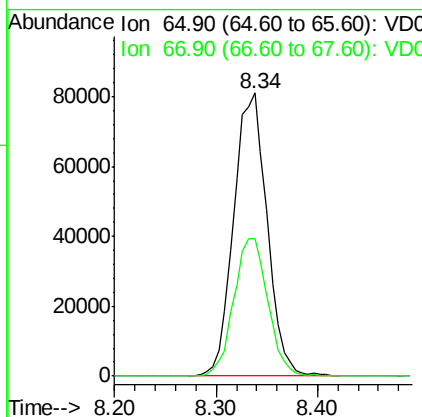
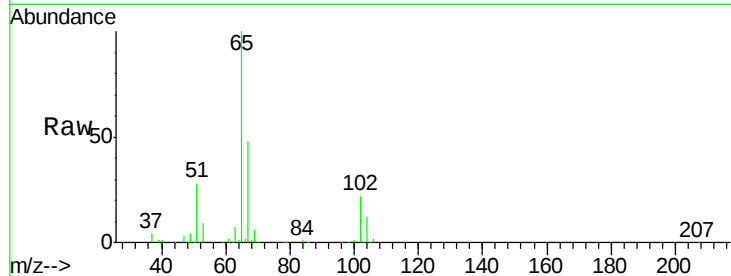




#33
 1,2-Dichloroethane-d4
 Concen: 51.474 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067211.D
 Acq: 09 Oct 2020 15:00

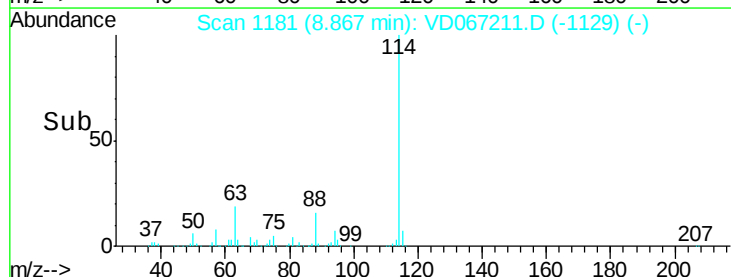
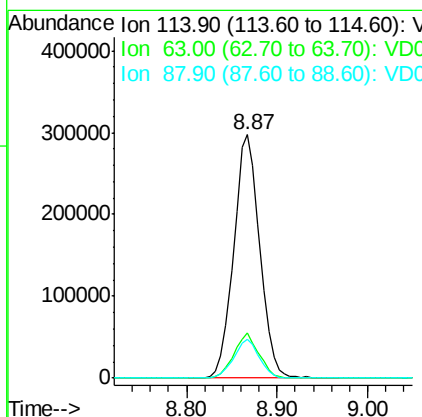
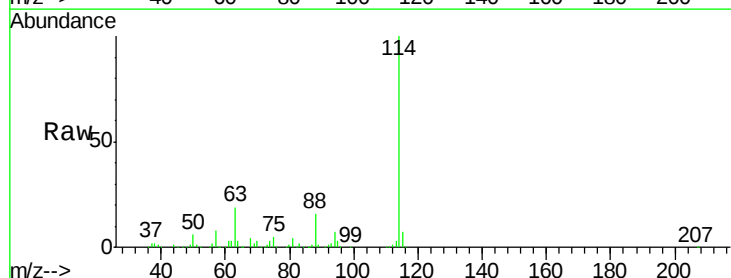
Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILLOFFSITE-3-SO-4

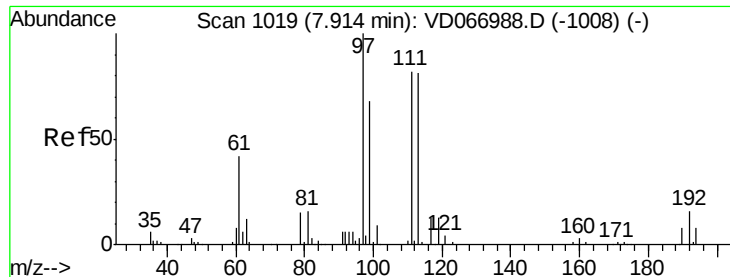
Tot Ion: 65 Resp: 184953
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067211.D
 Acq: 09 Oct 2020 15:00

Tgt Ion: 114 Resp: 594338
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.212 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067211.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL OFFSITE-3-SO-4

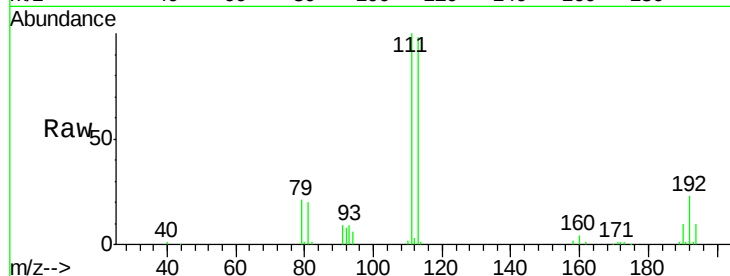
Tot Ion: 113 Resp: 187594

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

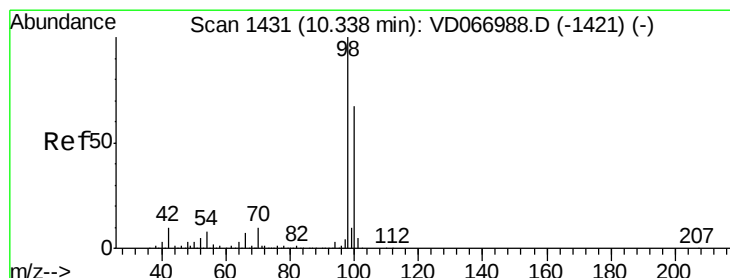
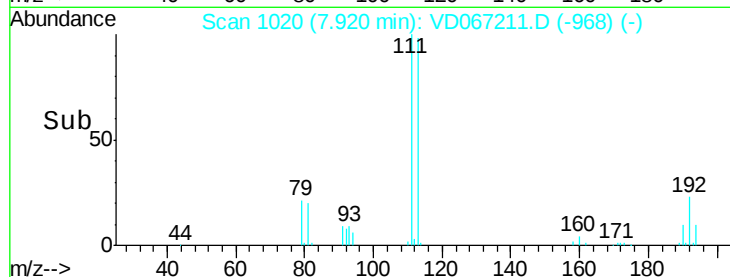
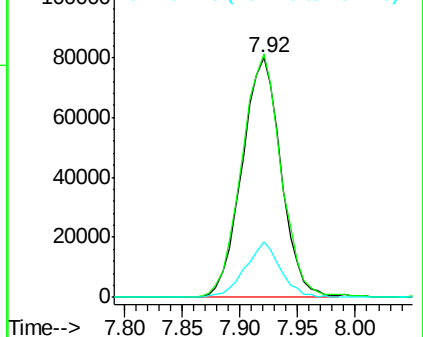
192 21.0 15.5 23.3



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: 48.667 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067211.D

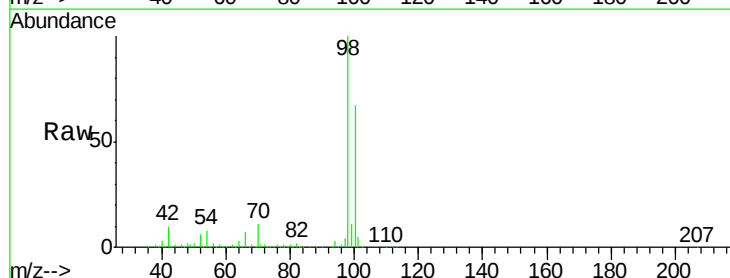
Acq: 09 Oct 2020 15:00

Tgt Ion: 98 Resp: 690018

Ion Ratio Lower Upper

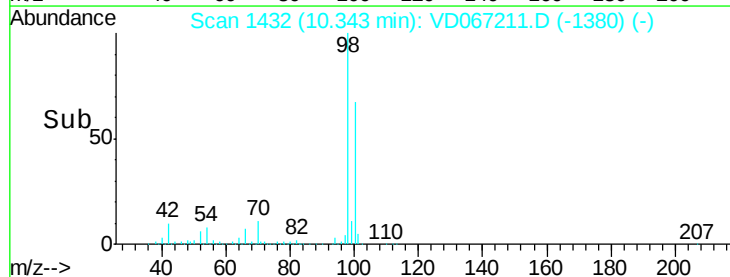
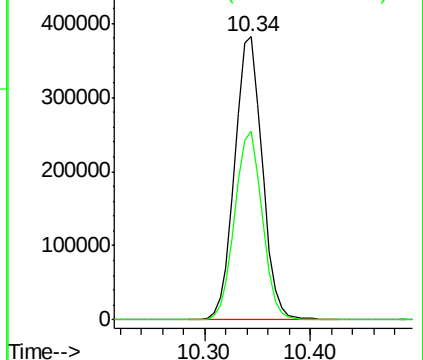
98 100

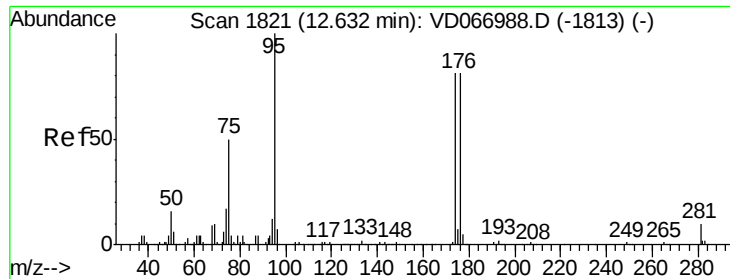
100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

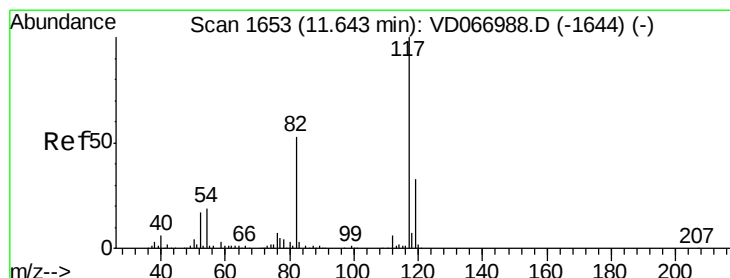
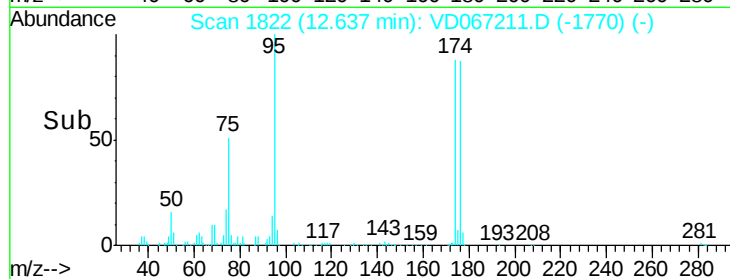
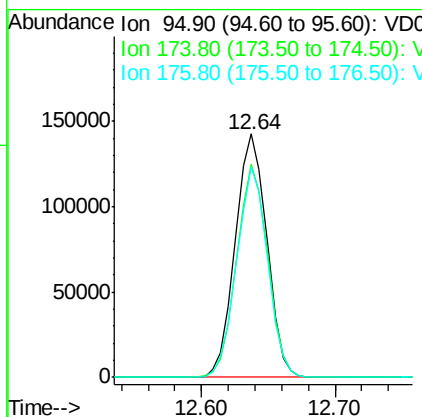
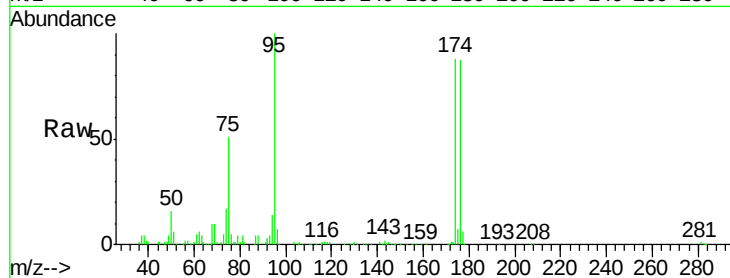




#62
4-Bromofluorobenzene
Concen: 48.682 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067211.D
Acq: 09 Oct 2020 15:00

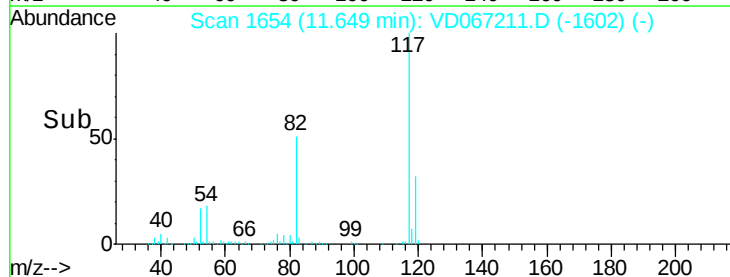
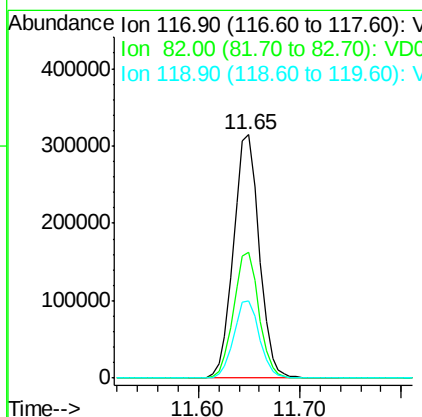
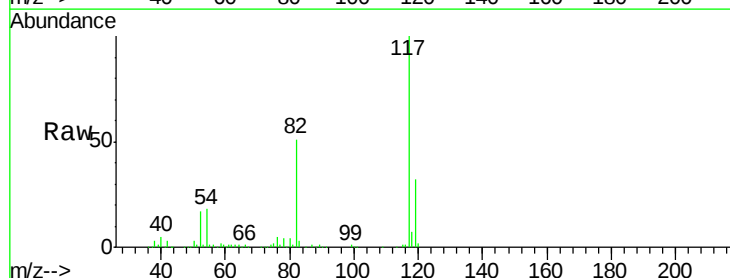
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-OFFSITE-3-SO-4

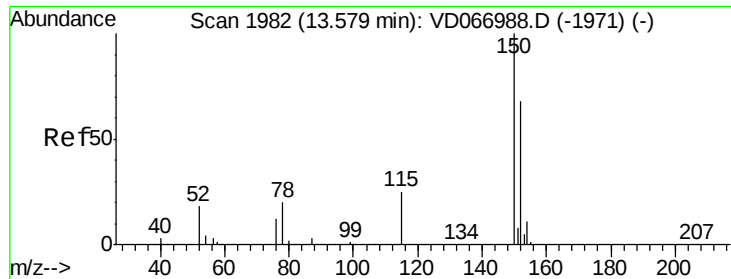
Tot Ion: 95 Resp: 234319
Ion Ratio Lower Upper
95 100
174 86.2 0.0 167.6
176 84.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067211.D
Acq: 09 Oct 2020 15:00

Tgt Ion: 117 Resp: 554470
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067211.D

Acq: 09 Oct 2020 15:00

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL-OFFSITE-3-SO-4

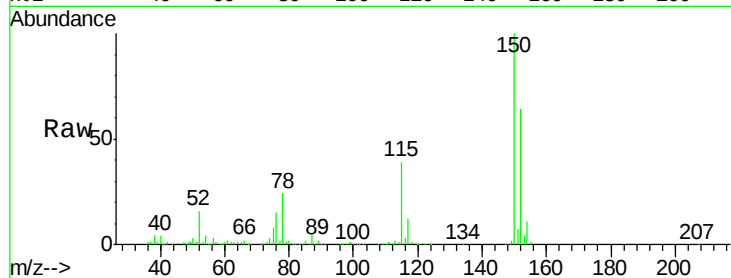
Tot Ion:152 Resp: 263377

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

150 156.7 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

