

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067212.D
 Acq On : 09 Oct 2020 15:28
 Operator : VA/SY
 Sample : L4342-10
 Misc : 6.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-4-SO-5

Quant Time: Oct 10 00:40:00 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

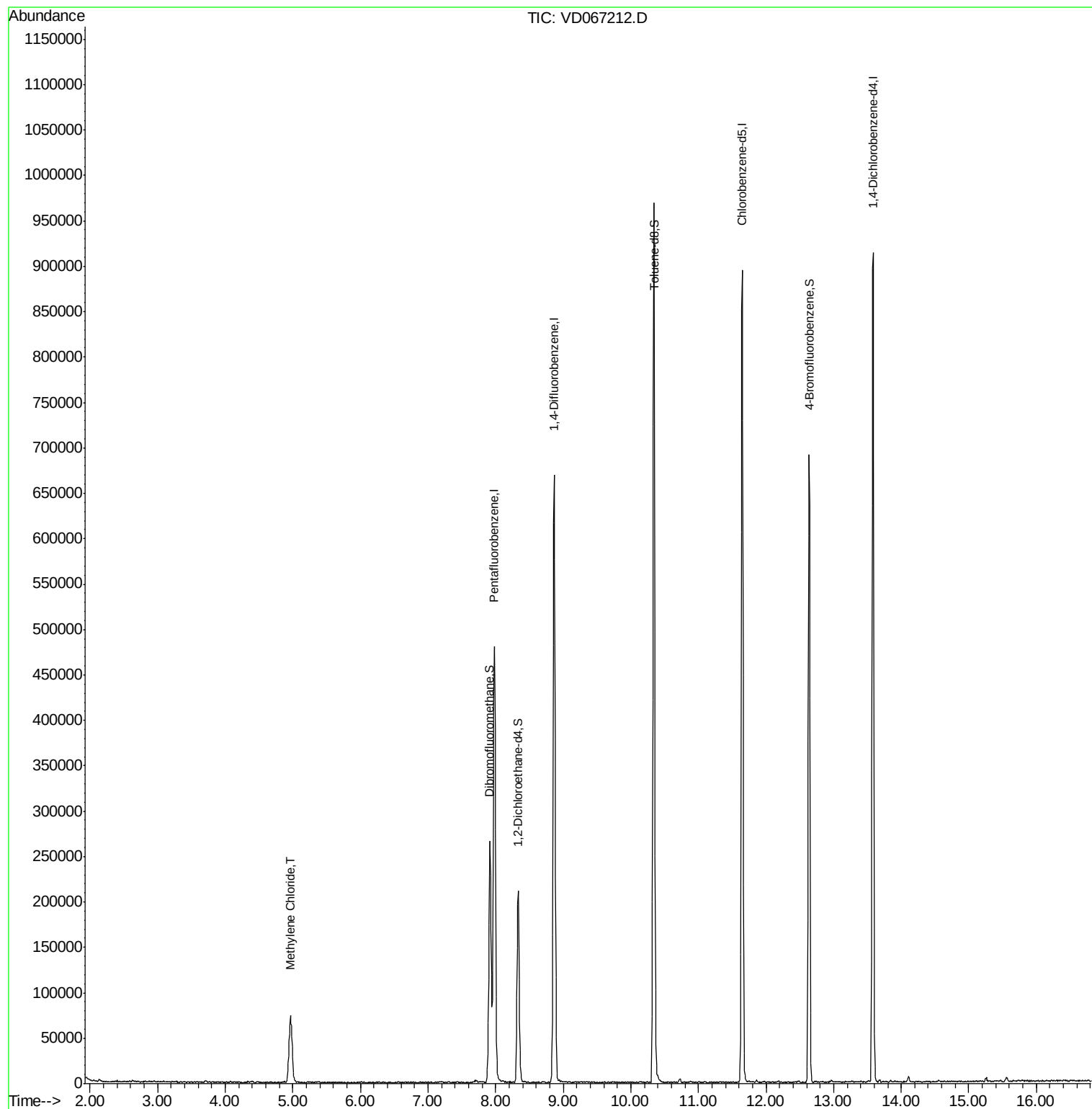
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	585080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	548331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184644	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.92	113	190338	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.34	98	682794	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.64	95	228469	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
Target Compounds						
20) Methylene Chloride	4.97	84	64307	10.841	ug/l	Qvalue 92

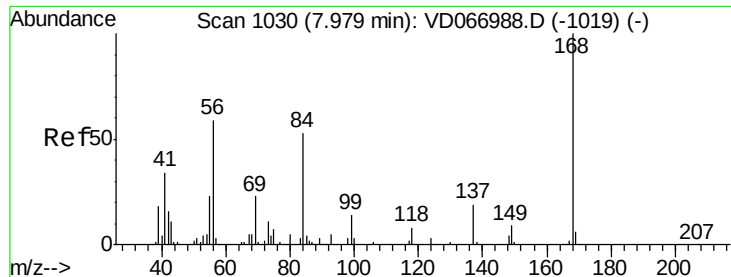
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD067212.D

Acq: 09 Oct 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

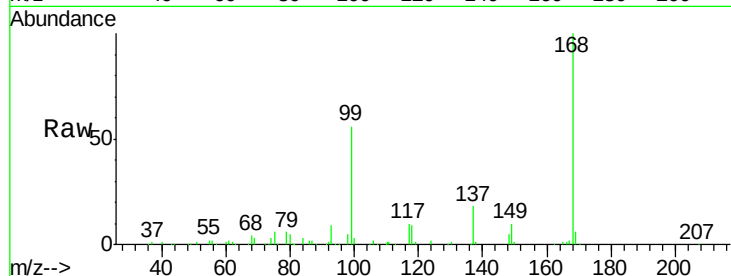
BACKFILL-OFFSITE-4-SO-5

Tot Ion:168 Resp: 372661

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

7.98

150000

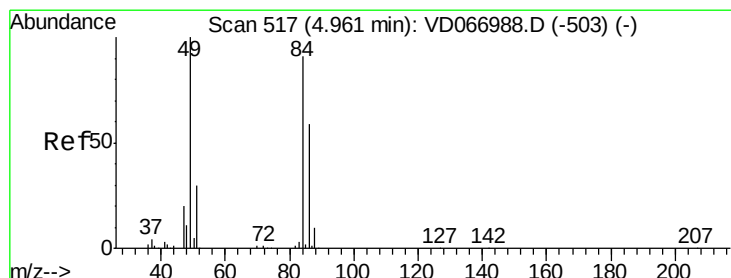
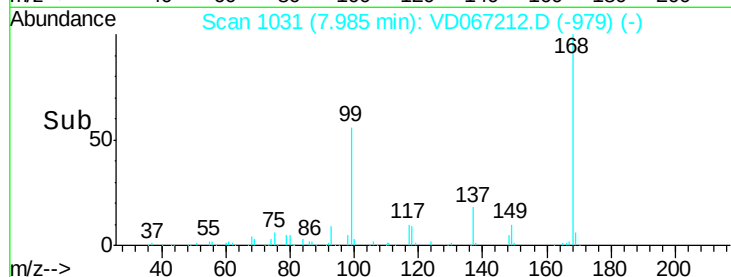
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 10.841 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067212.D

Acq: 09 Oct 2020 15:28

Tgt Ion: 84 Resp: 64307

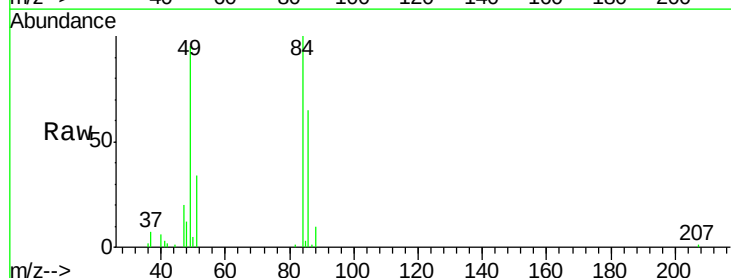
Ion Ratio Lower Upper

84 100

49 95.1 88.2 132.2

51 33.7 26.6 39.8

86 64.5 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

4.97

30000

25000

20000

15000

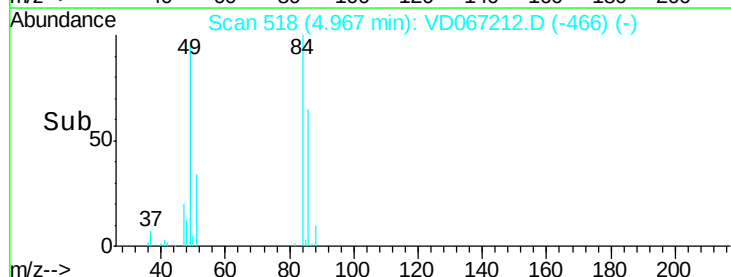
10000

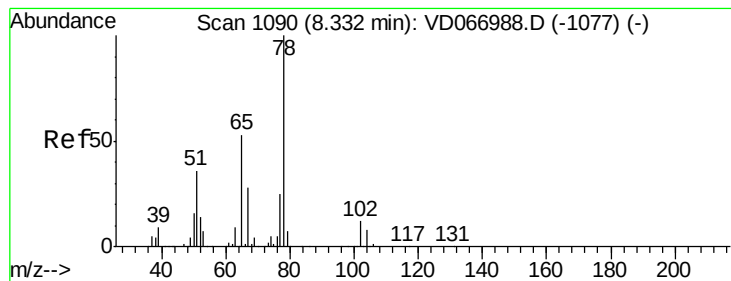
5000

0

Time-->

4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 51.441 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067212.D

Acq: 09 Oct 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

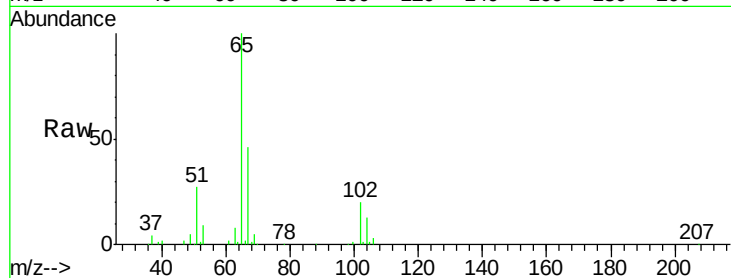
BACKFILL-OFFSITE-4-SO-5

Tot Ion: 65 Resp: 184644

Ion Ratio Lower Upper

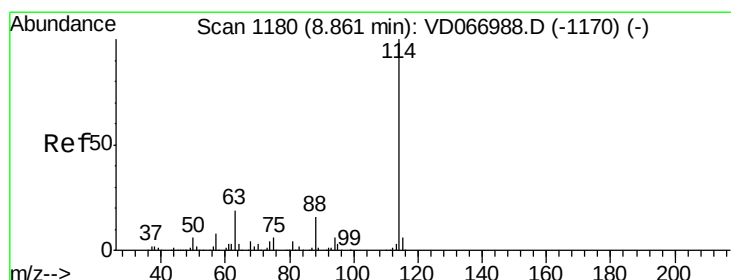
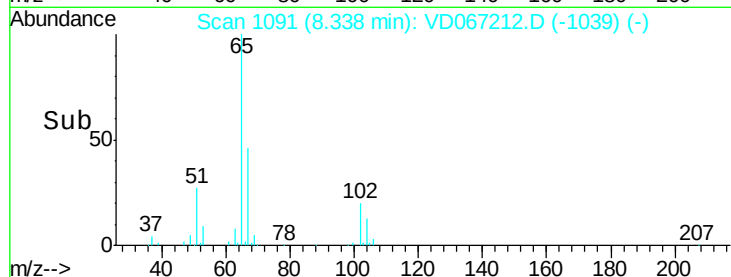
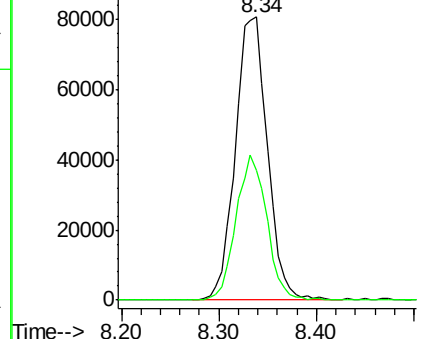
65 100

67 49.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067212.D

Acq: 09 Oct 2020 15:28

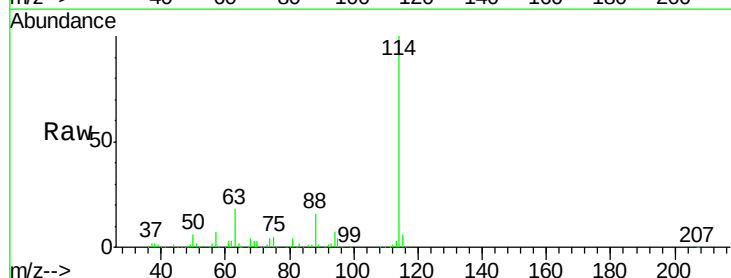
Tgt Ion: 114 Resp: 585080

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

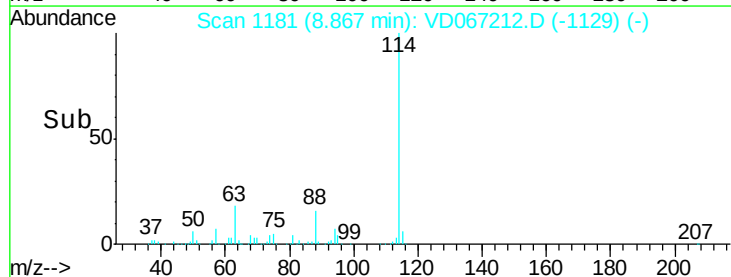
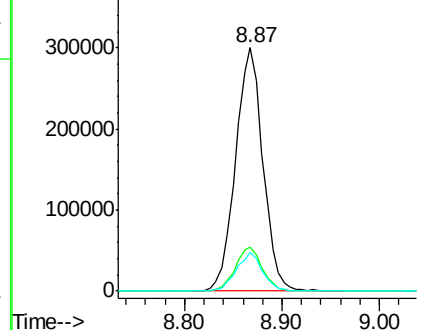
88 15.7 0.0 31.2

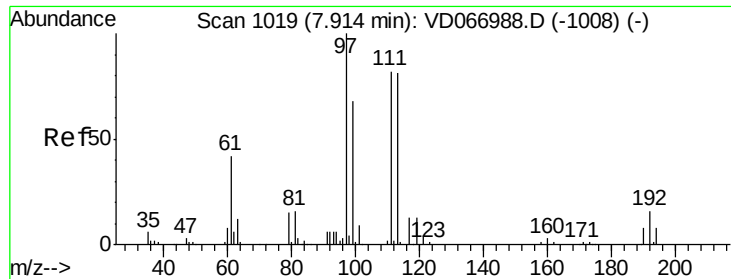


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

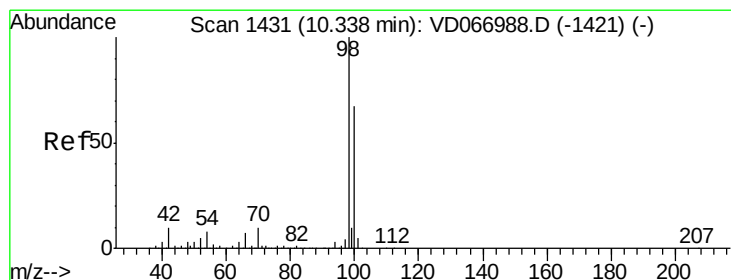
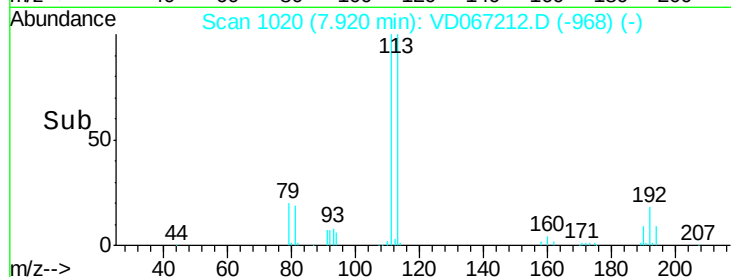
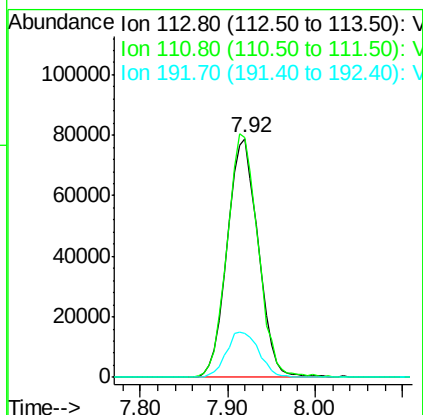
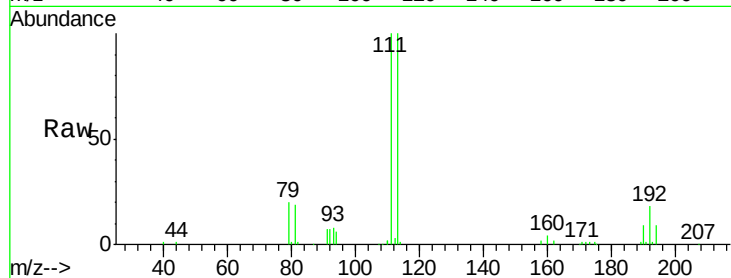




#35
 Dibromofluoromethane
 Concen: 49.691 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067212.D
 Acq: 09 Oct 2020 15:28

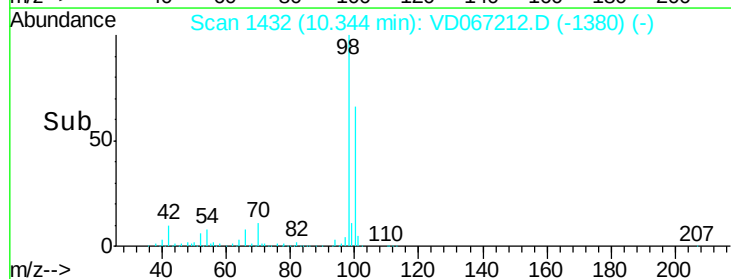
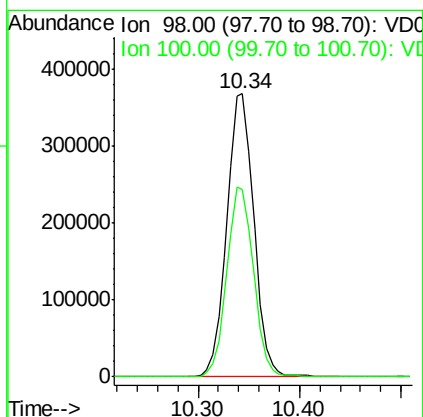
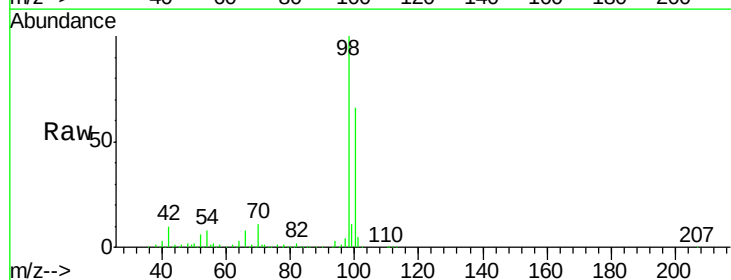
Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-OFFSITE-4-SO-5

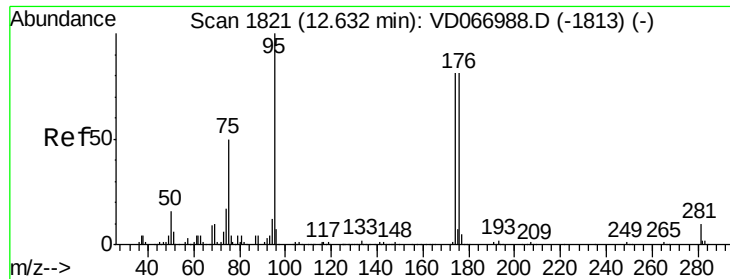
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	19.9	15.5	23.3



#50
 Toluene-d8
 Concen: 48.919 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD067212.D
 Acq: 09 Oct 2020 15:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2

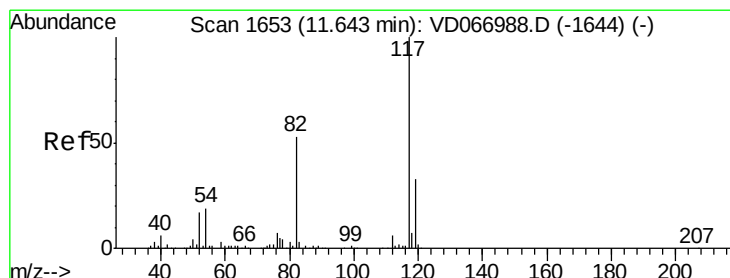
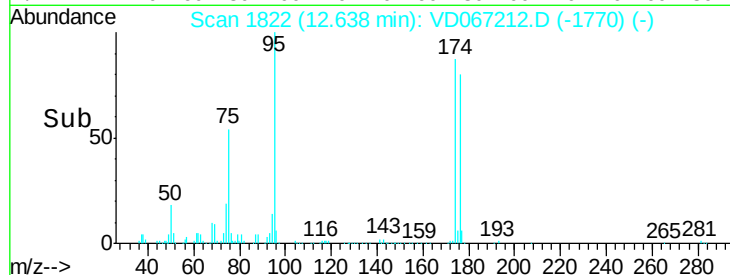
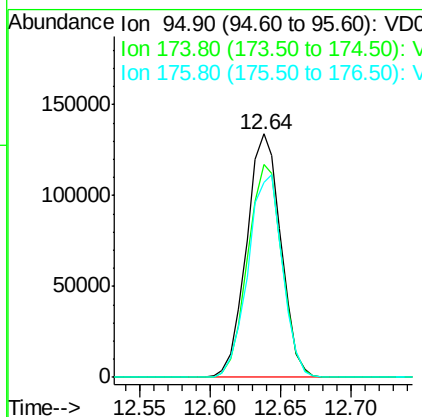
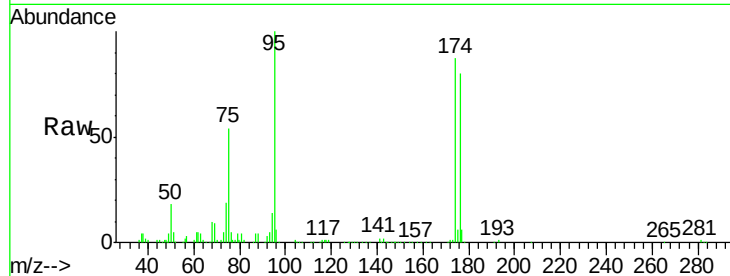




#62
4-Bromofluorobenzene
Concen: 48.218 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067212.D
Acq: 09 Oct 2020 15:28

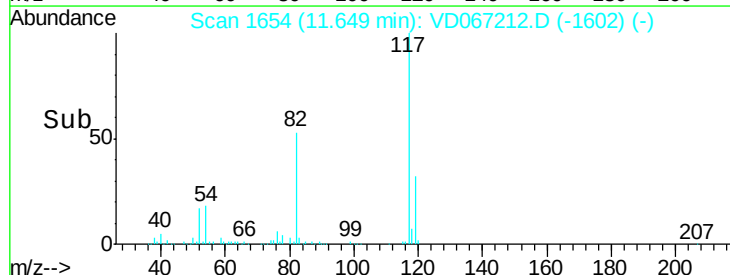
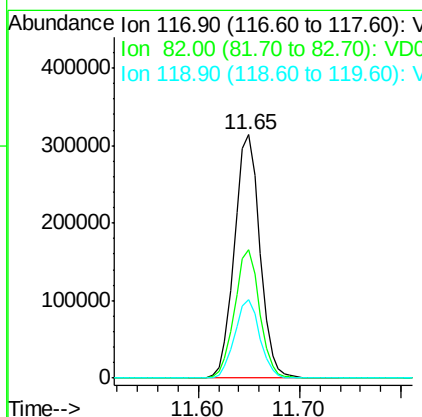
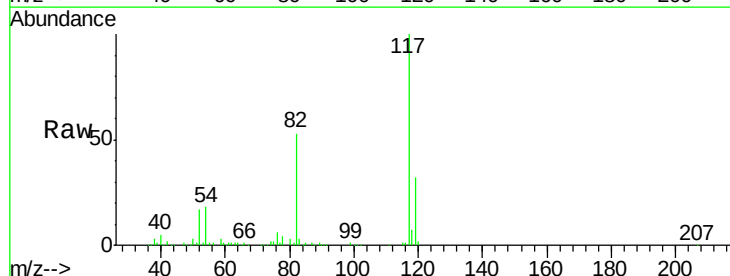
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-OFFSITE-4-SO-5

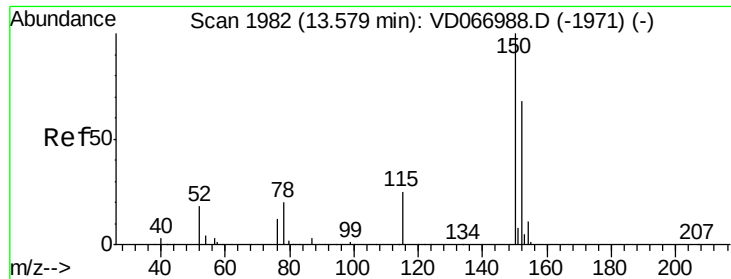
Tot Ion: 95 Resp: 228469
Ion Ratio Lower Upper
95 100
174 87.3 0.0 167.6
176 83.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067212.D
Acq: 09 Oct 2020 15:28

Tgt Ion: 117 Resp: 548331
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067212.D

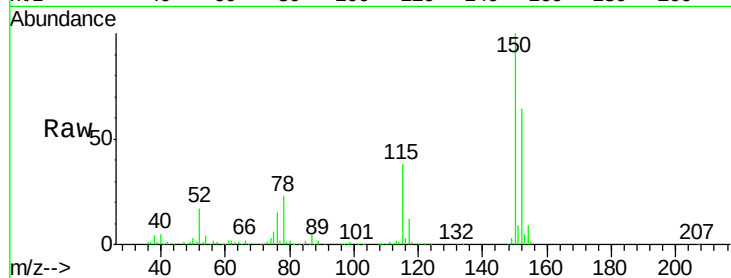
Acq: 09 Oct 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL OFFSITE-4-SO-5



Tot Ion:	152	Resp:	259265
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.6	88.8
150	154.0	0.0	344.8

