

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067209.D
 Acq On : 09 Oct 2020 14:06
 Operator : VA/SY
 Sample : L4342-07
 Misc : 6.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-2-SO-2

Quant Time: Oct 10 00:34:40 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	254251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	399623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	189101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	145926	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
35) Dibromofluoromethane	7.91	113	134925	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.34	98	469565	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.64	95	164312	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

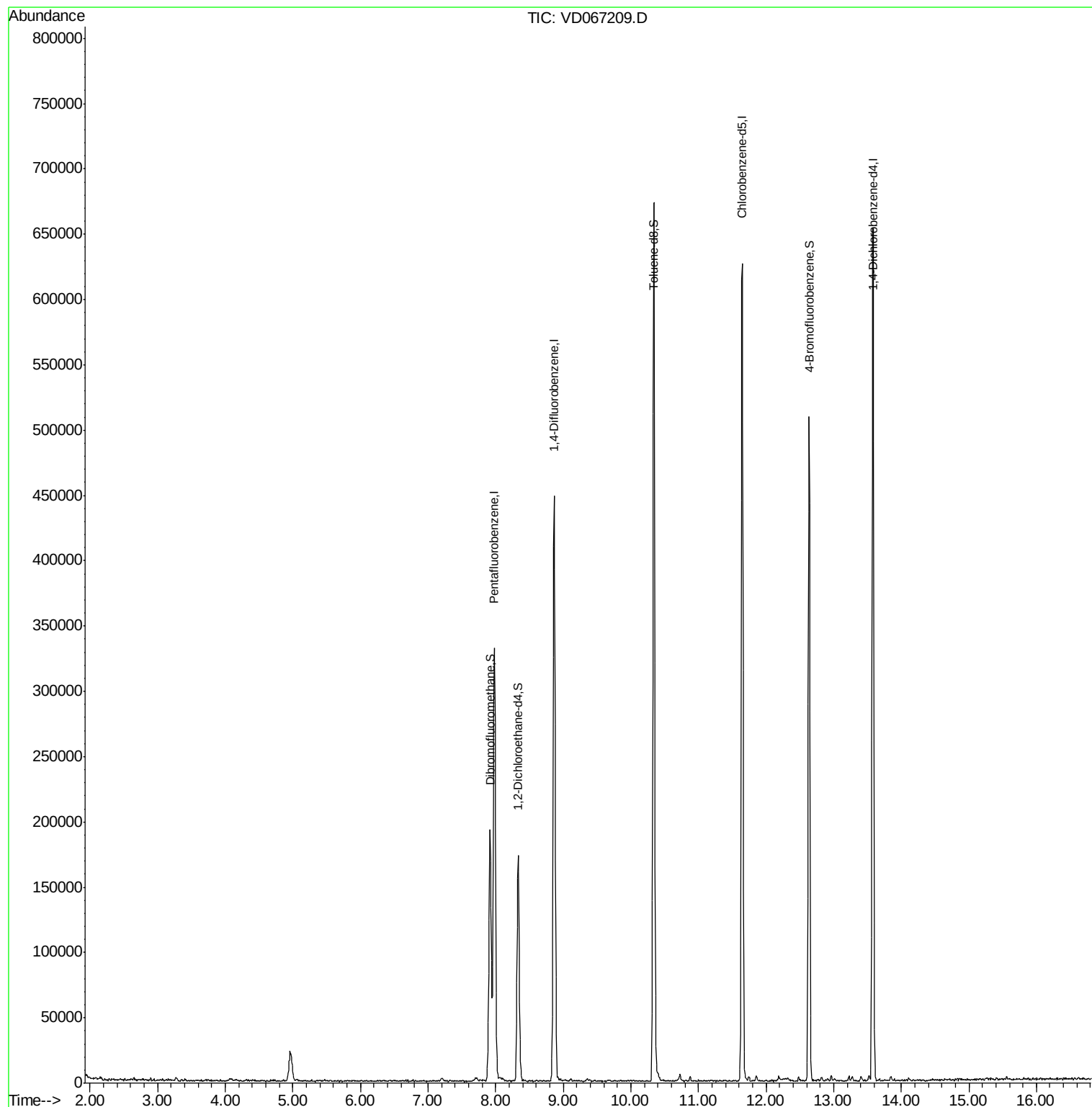
Target Compounds	Qvalue

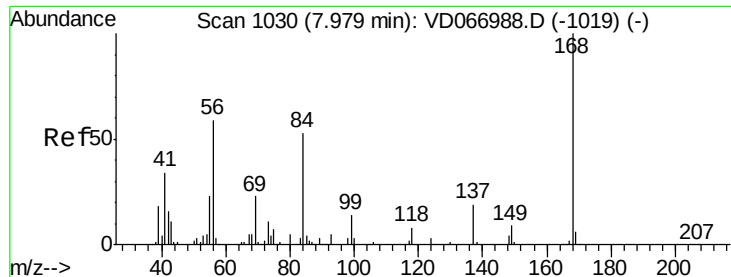
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067209.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

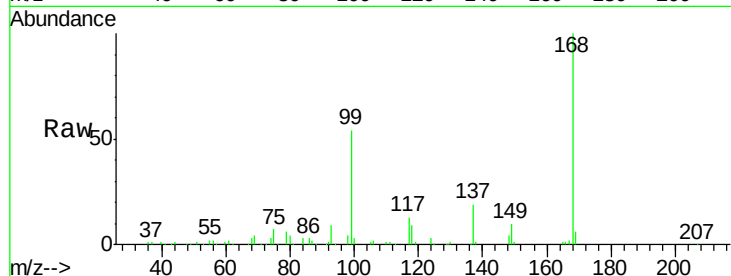
BACKFILL-OFFSITE-2-SO-2

Tot Ion:168 Resp: 254251

Ion Ratio Lower Upper

168 100

99 53.2 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

120000

100000

80000

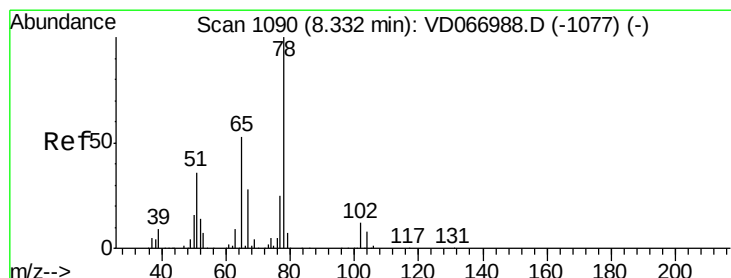
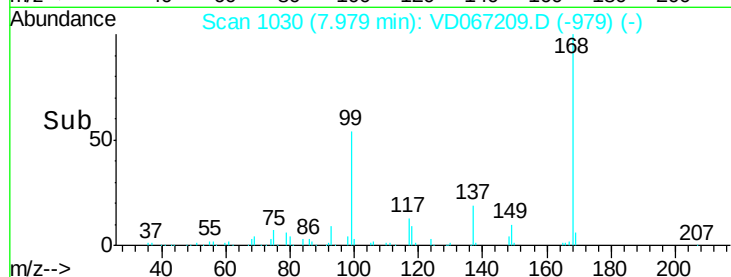
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.588 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067209.D

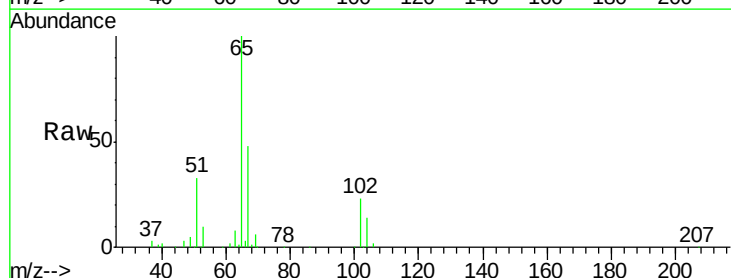
Acq: 09 Oct 2020 14:06

Tgt Ion: 65 Resp: 145926

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

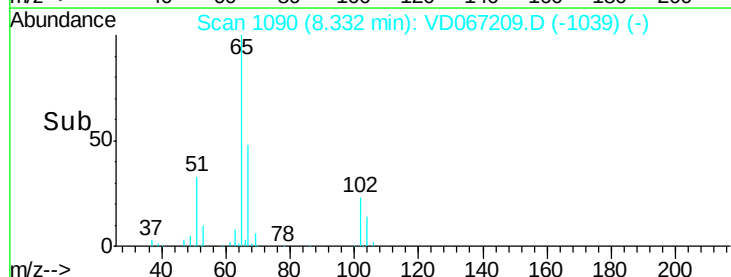
60000

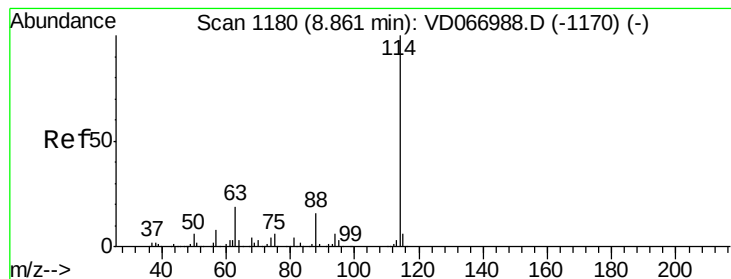
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067209.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL OFFSITE-2-SO-2

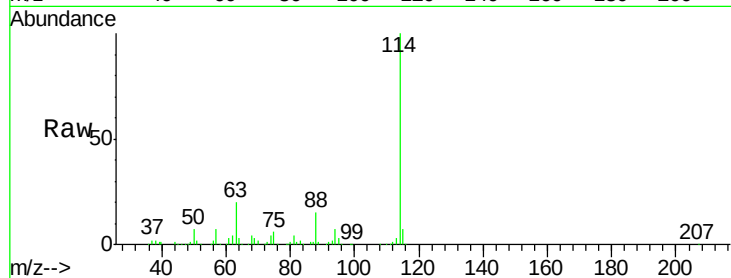
Tot Ion:114 Resp: 399623

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

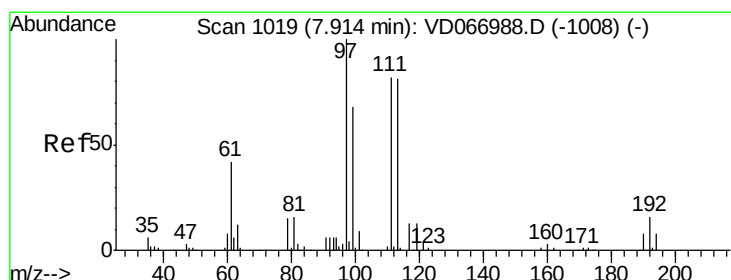
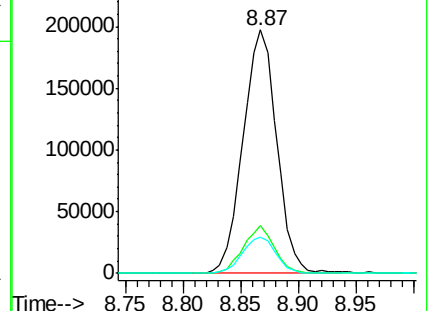
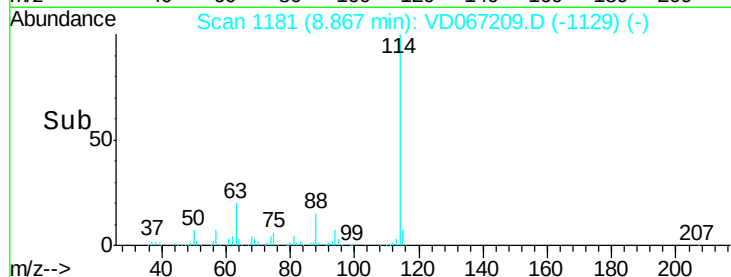
88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 51.572 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067209.D

Acq: 09 Oct 2020 14:06

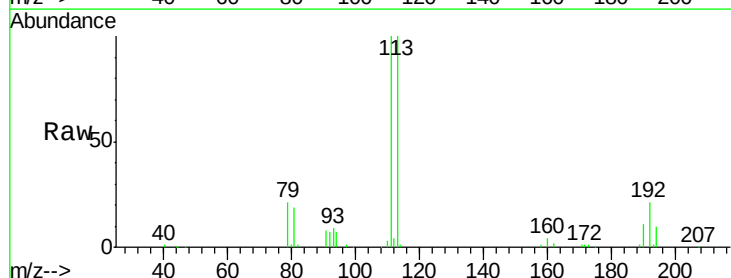
Tgt Ion:113 Resp: 134925

Ion Ratio Lower Upper

113 100

111 106.8 83.0 124.4

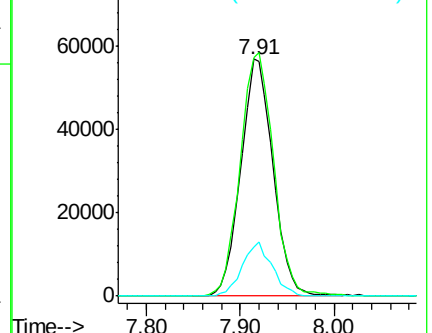
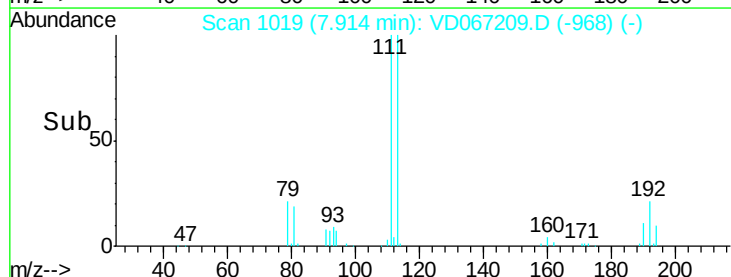
192 21.3 15.5 23.3

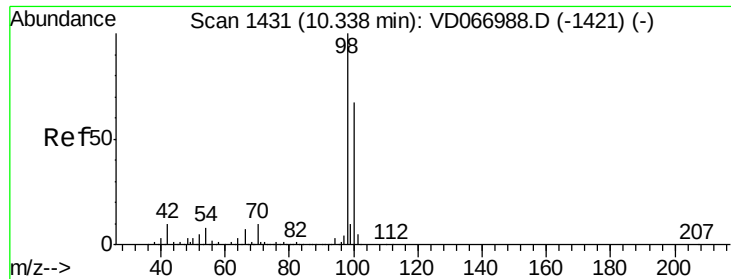


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

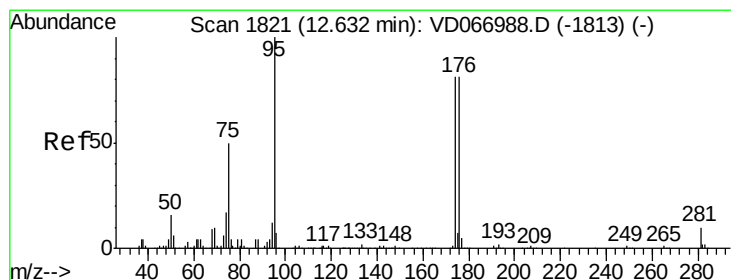
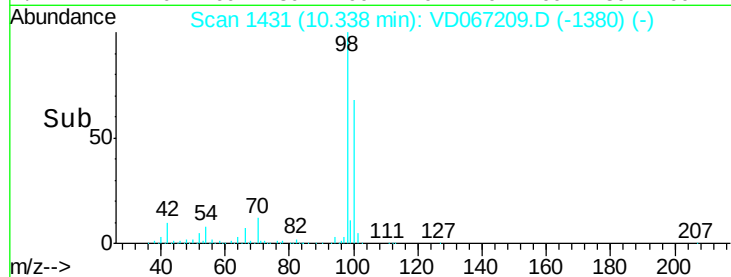
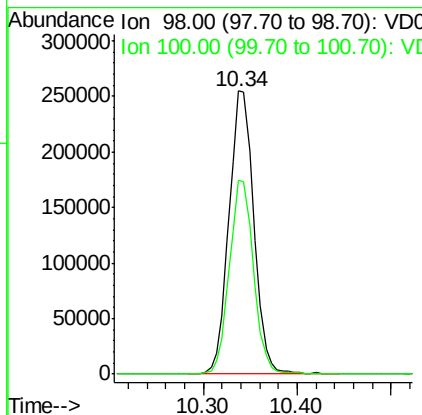
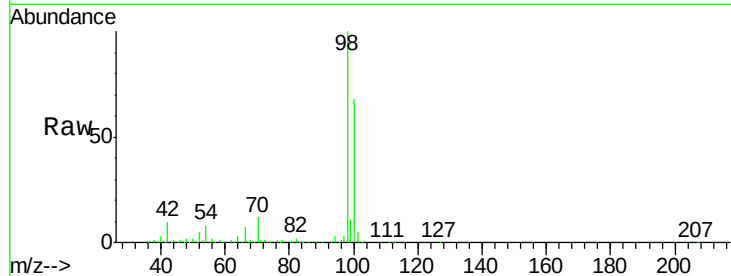




#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067209.D
Acq: 09 Oct 2020 14:06

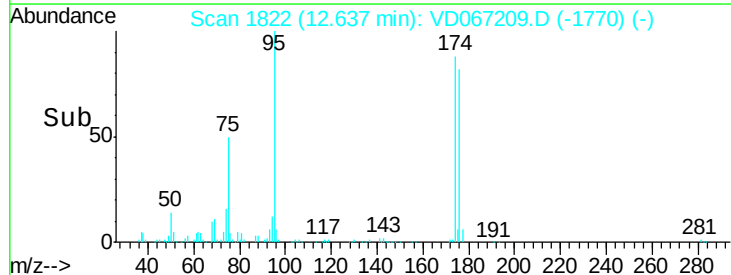
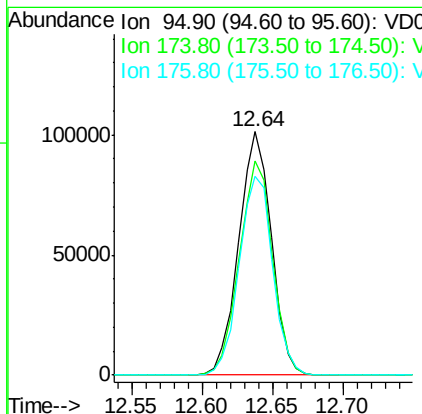
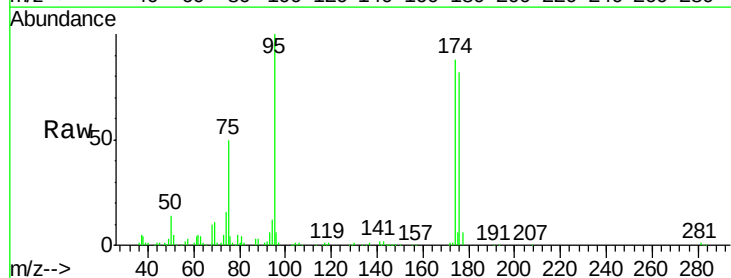
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL OFFSITE-2-SO-2

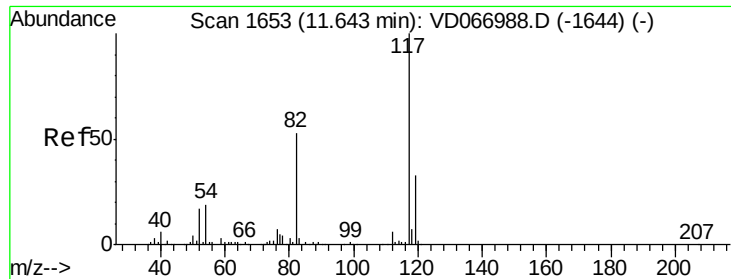
Tot Ion: 98 Resp: 469565
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067209.D
Acq: 09 Oct 2020 14:06

Tgt Ion: 95 Resp: 164312
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 83.6 0.0 162.4

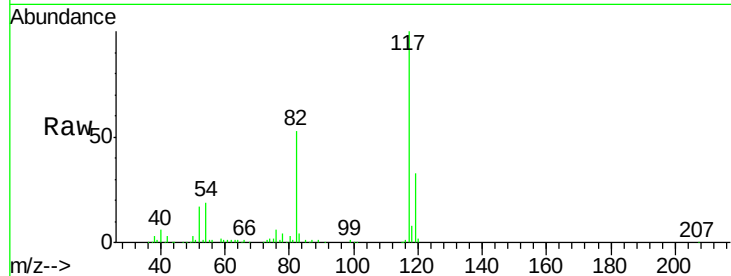




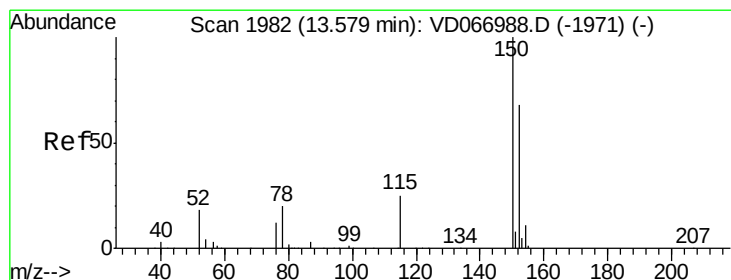
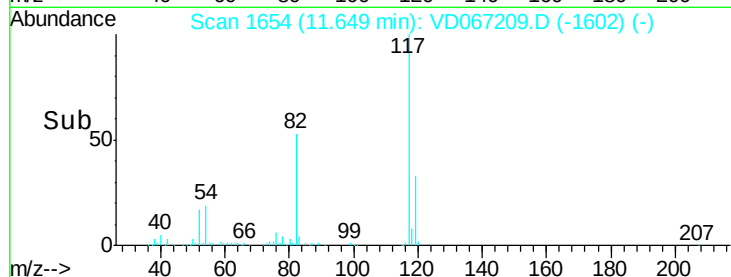
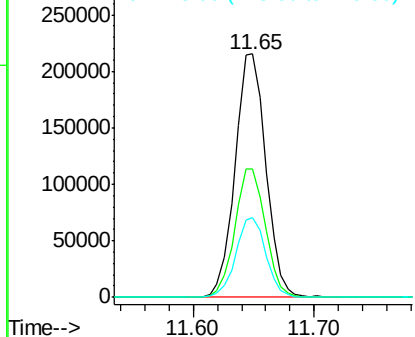
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067209.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-OFFSITE-2-SO-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.6	63.8
119	32.7	26.3	39.5

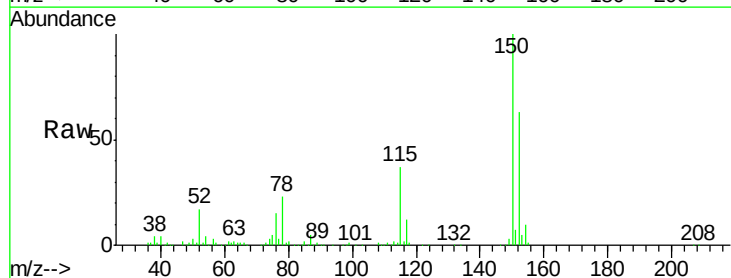


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067209.D
Acq: 09 Oct 2020 14:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.6	88.8
150	155.5	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

