

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067208.D
 Acq On : 09 Oct 2020 13:38
 Operator : VA/SY
 Sample : L4342-06
 Misc : 7.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL OFFSITE-1-SO-1

Manual Integrations
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 10/12/2020 10:42:33 AM

Quant Time: Oct 10 00:32:16 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	382547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	605904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	187151	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.92	113	192992	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.34	98	702435	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.64	95	236883	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
8) Diethyl Ether	3.72	74	4022m	2.390	ug/l	
20) Methylene Chloride	4.97	84	76590	13.942	ug/l	95

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

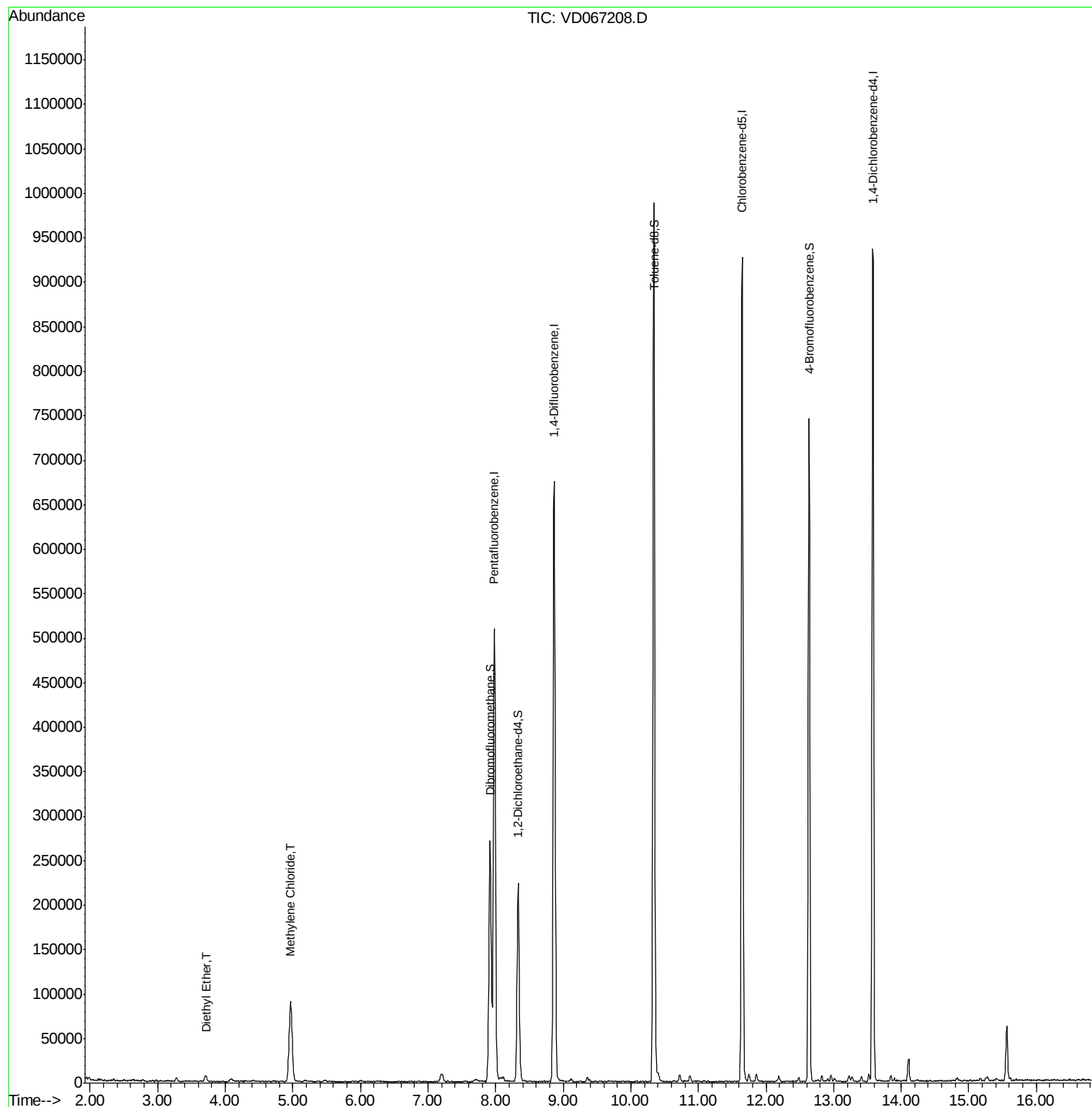
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
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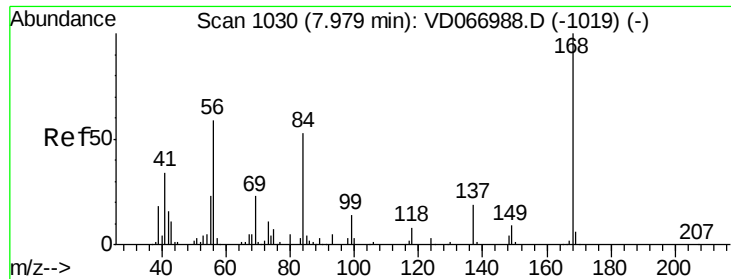
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067208.D

Acq: 09 Oct 2020 13:38

Instrument :

MSVOA_D

ClientSampleId :

BACKFILL-OFFSITE-1-SO-1

Tot Ion:168 Resp: 382547

Ion Ratio Lower Upper

168 100

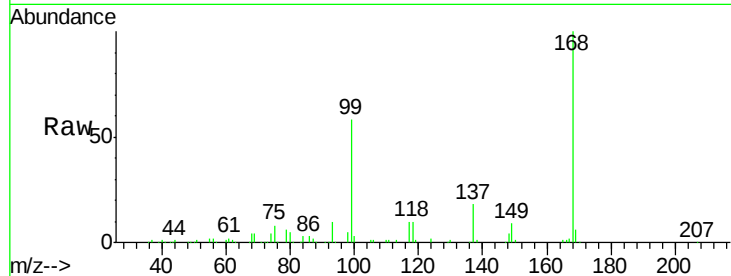
99 57.5 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

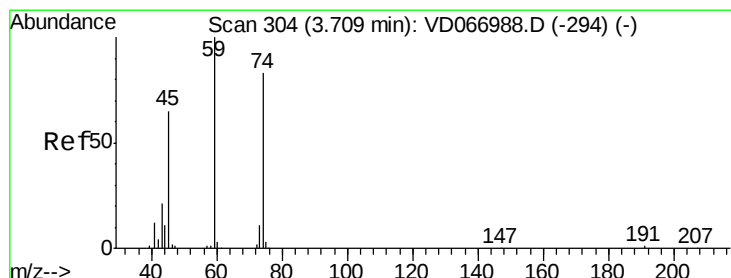
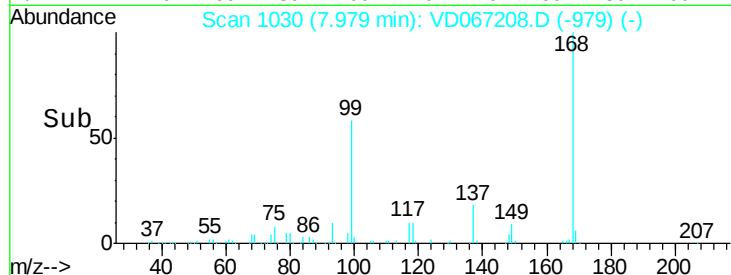
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.390 ug/l m

RT: 3.72 min Scan# 306

Delta R.T. 0.01 min

Lab File: VD067208.D

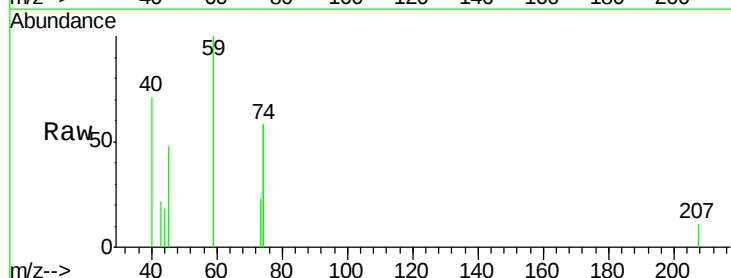
Acq: 09 Oct 2020 13:38

Tgt Ion: 74 Resp: 4022

Ion Ratio Lower Upper

74 100

45 81.3 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.72

2500

2000

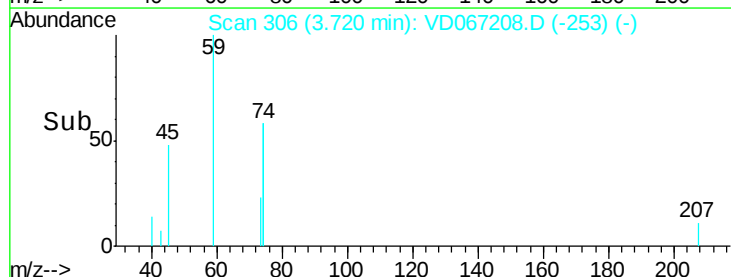
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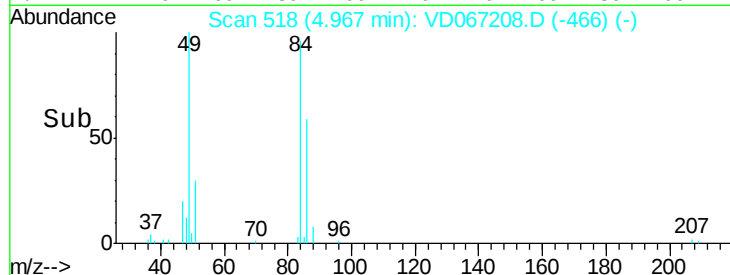
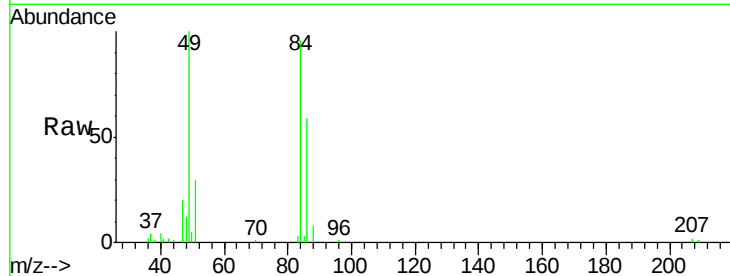
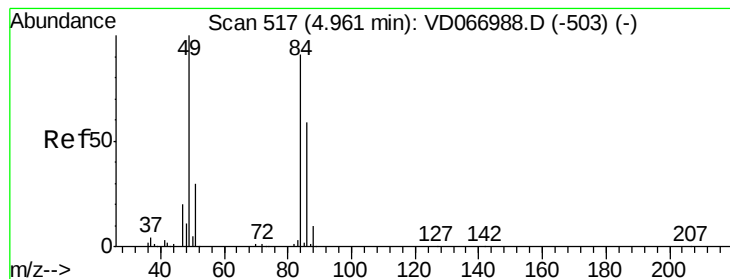
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 13.942 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067208.D

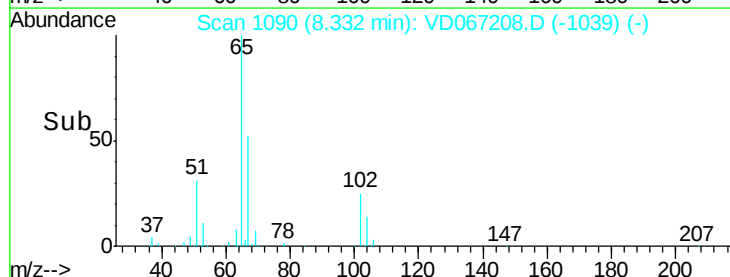
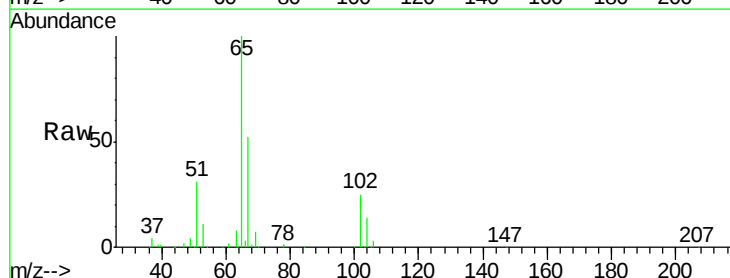
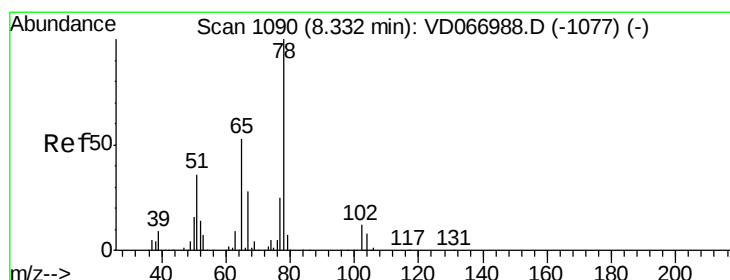
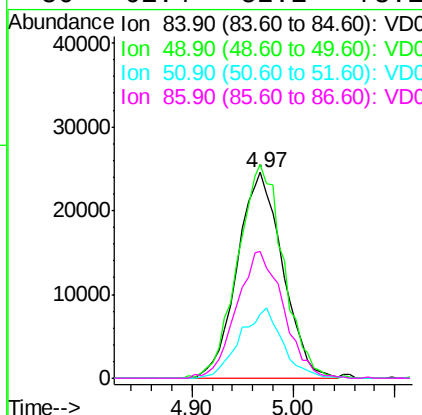
Acq: 09 Oct 2020 13:38

Tot Ion:	84	Resp:	76590
Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.2	132.2
51	31.1	26.6	39.8
86	61.4	52.1	78.1

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#33

1,2-Dichloroethane-d4

Concen: 50.792 ug/l

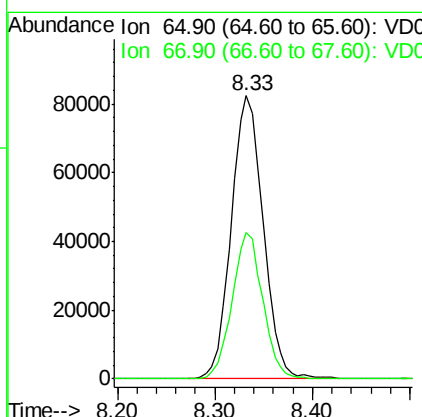
RT: 8.33 min Scan# 1090

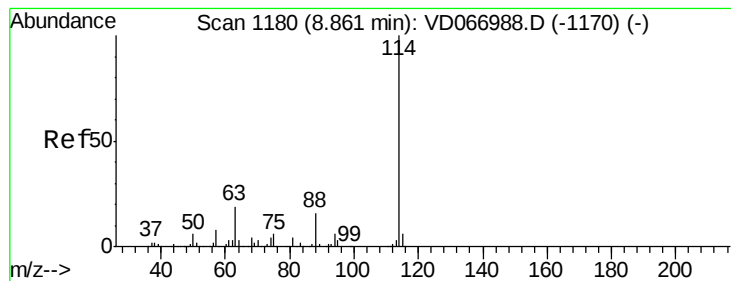
Delta R.T. 0.00 min

Lab File: VD067208.D

Acq: 09 Oct 2020 13:38

Tgt Ion:	65	Resp:	187151
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	106.8





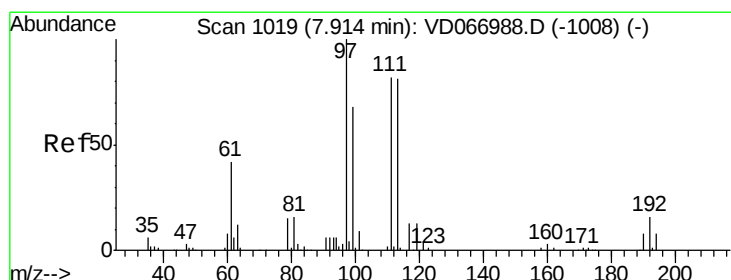
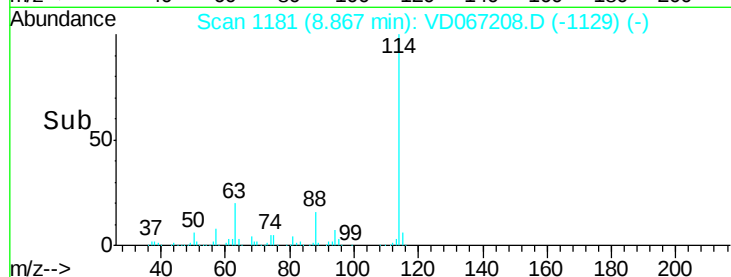
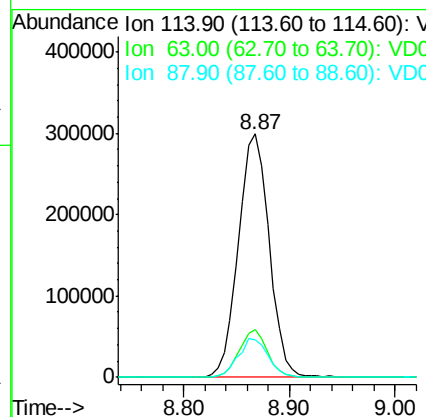
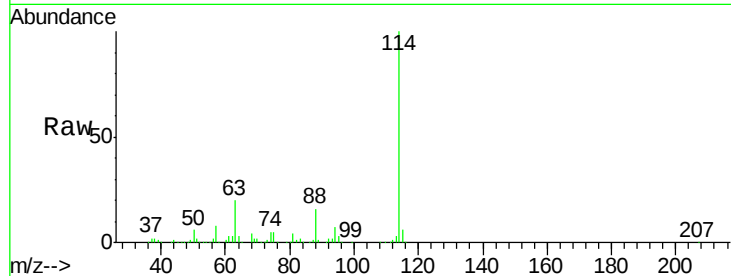
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067208.D
 Acq: 09 Oct 2020 13:38

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL0FFSITE-1-SO-1

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.6	0.0	38.4
88	15.7	0.0	31.2

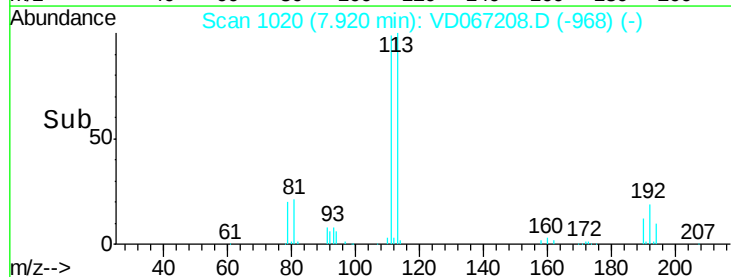
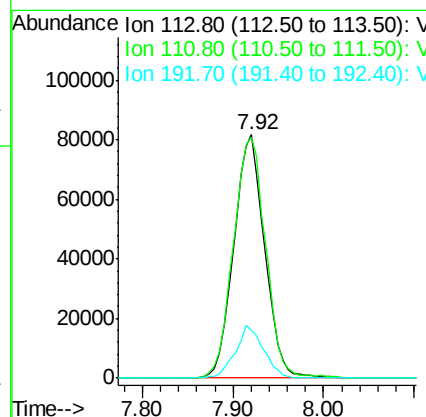
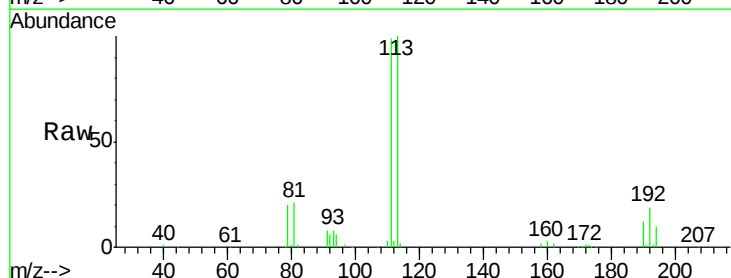
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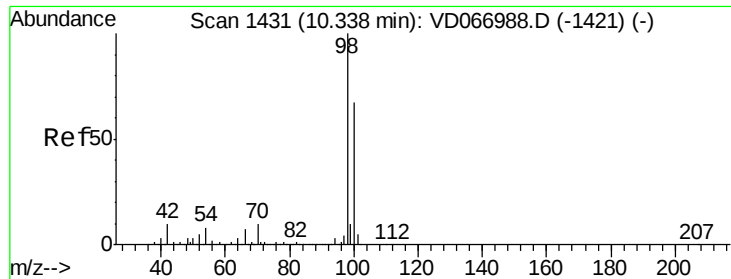
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#35
 Dibromofluoromethane
 Concen: 48.653 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067208.D
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Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.9	83.0	124.4
192	19.9	15.5	23.3





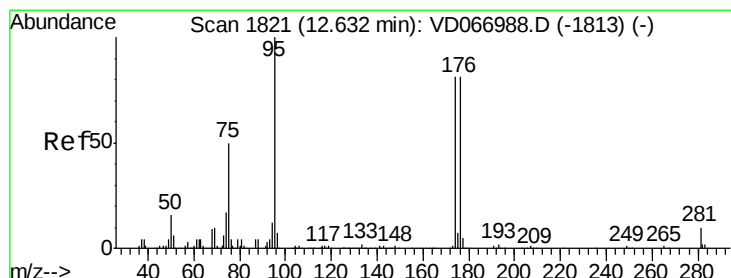
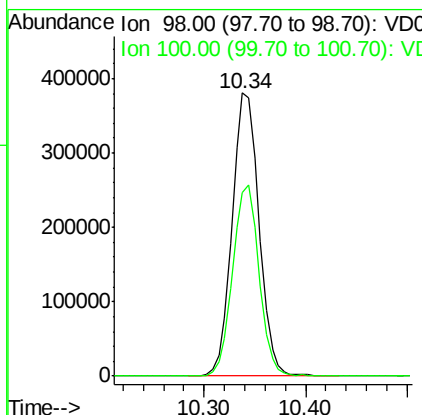
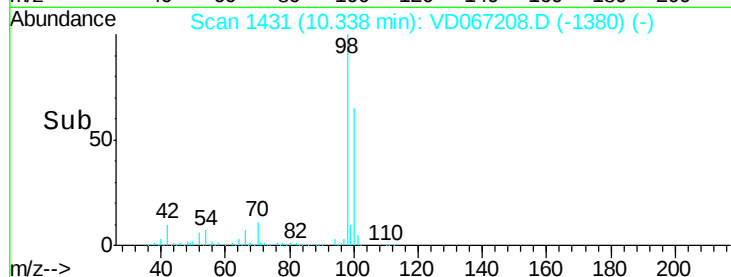
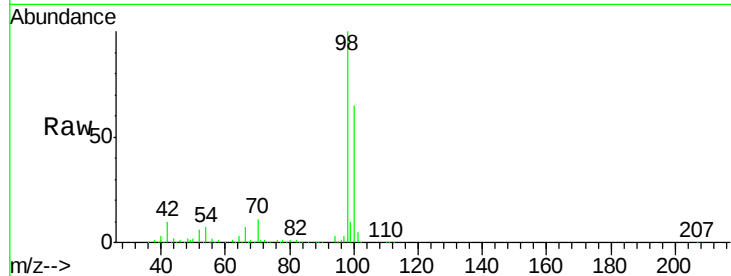
#50
Toluene-d8
Concen: 48.597 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067208.D
Acq: 09 Oct 2020 13:38

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

Tot Ion: 98 Resp: 702435
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2

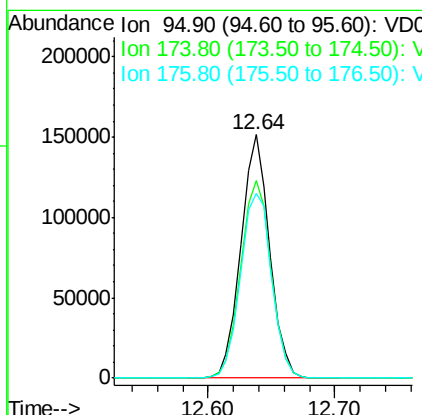
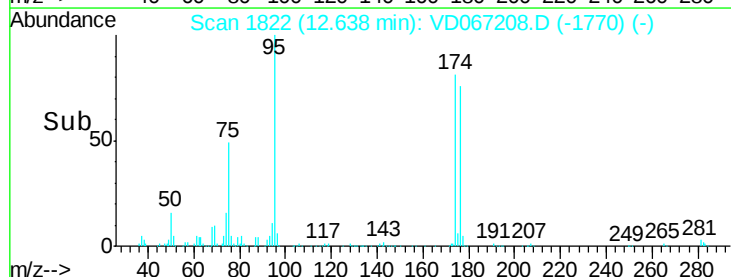
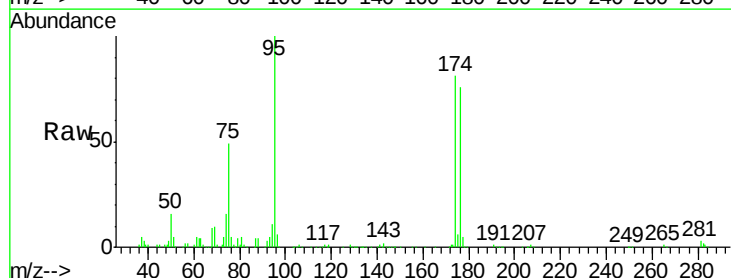
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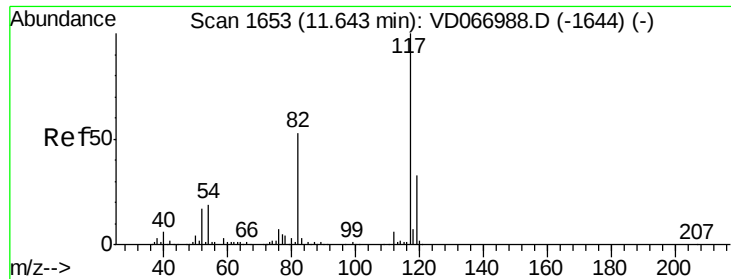
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#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067208.D
Acq: 09 Oct 2020 13:38

Tgt Ion: 95 Resp: 236883
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 82.7 0.0 162.4





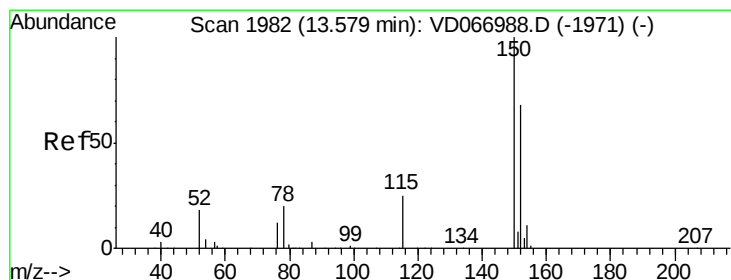
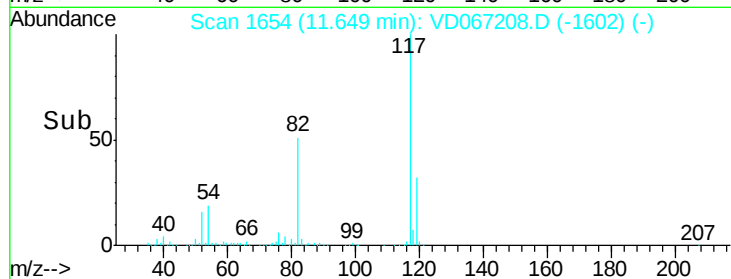
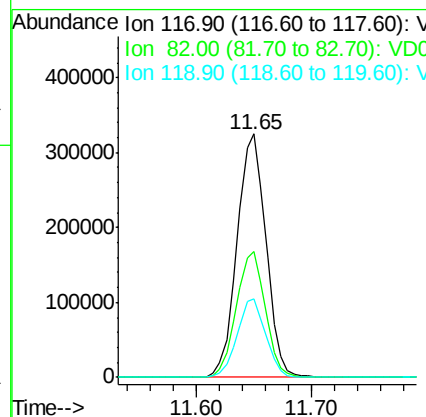
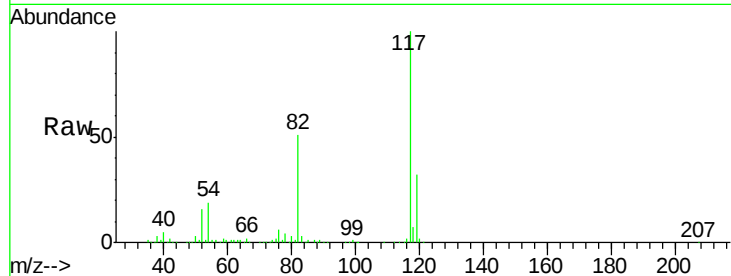
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067208.D
Acq: 09 Oct 2020 13:38

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-OFFSITE-1-SO-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.6	63.8
119	32.1	26.3	39.5

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067208.D
Acq: 09 Oct 2020 13:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	156.6	0.0	344.8

