

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067769.D
 Acq On : 24 Nov 2020 15:14
 Operator : VA/SY
 Sample : L4857-01
 Misc : 3.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 304EM-STOCKPILE

Quant Time: Nov 25 03:01:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	196164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	299191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	231701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	73202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102844	53.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	107.84%	
35) Dibromofluoromethane	7.92	113	93985	49.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	98.72%	
50) Toluene-d8	10.34	98	285577	41.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	=	82.04%	
62) 4-Bromofluorobenzene	12.64	95	71545	30.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	=	60.14%	

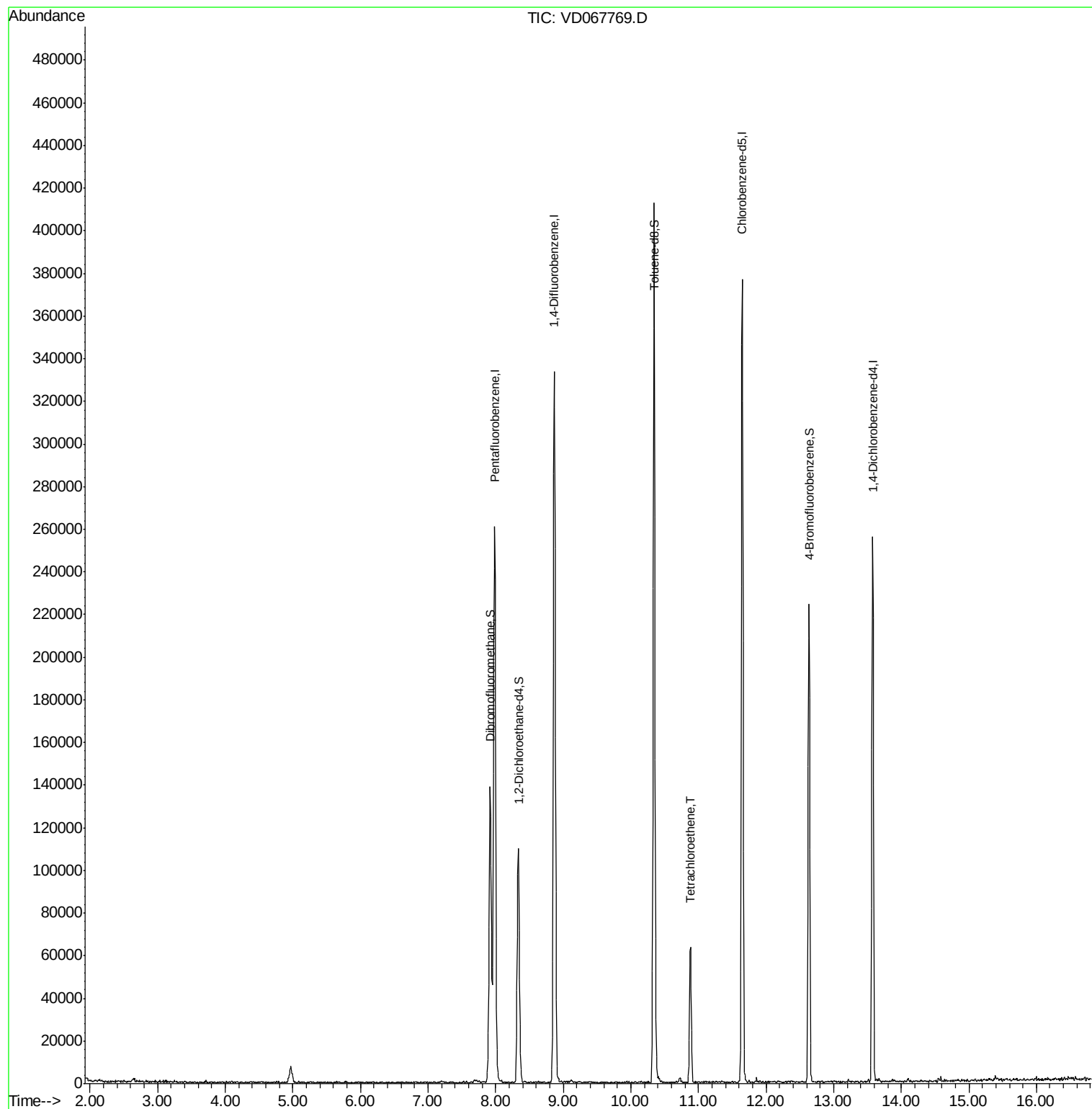
Target Compounds					Qvalue
64) Tetrachloroethene	10.88	164	14666	8.155 ug/l #	78

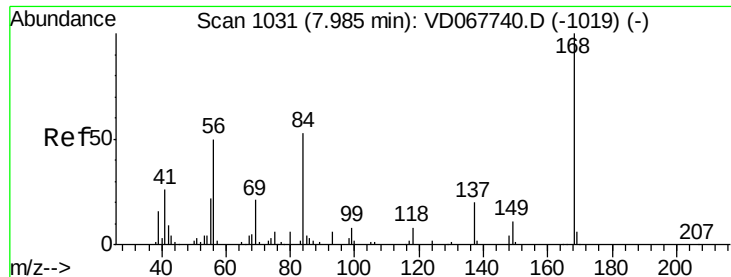
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067769.D

Acq: 24 Nov 2020 15:14

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MSVOA_D

ClientSampleId :

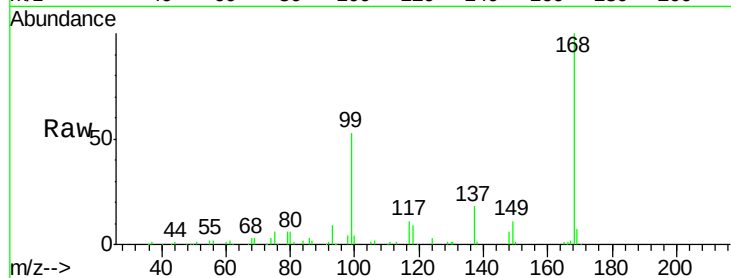
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Tot Ion:168 Resp: 196164

Ion Ratio Lower Upper

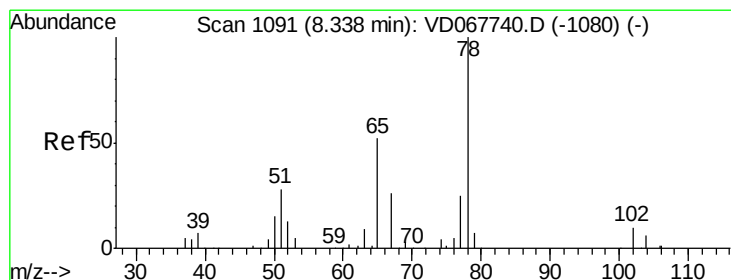
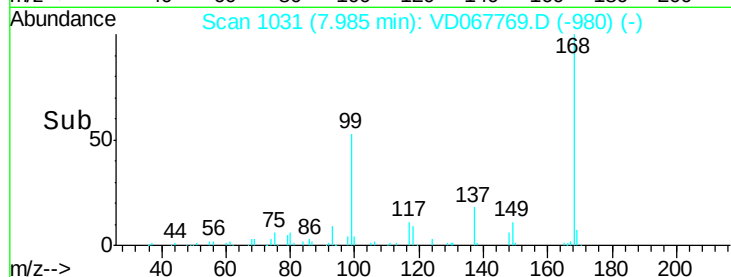
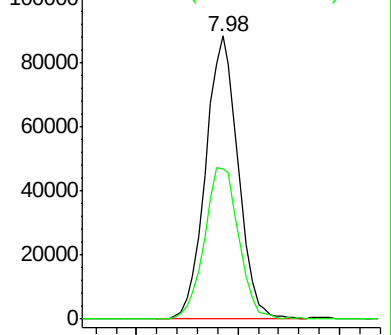
168 100

99 53.1 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.920 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067769.D

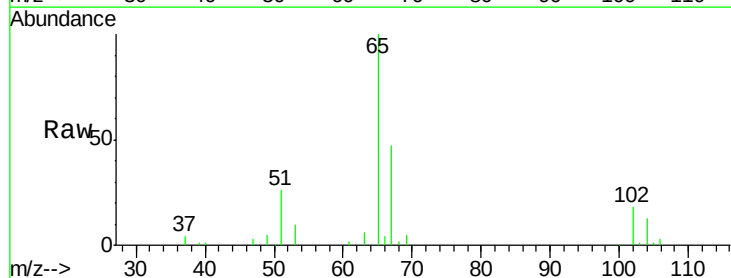
Acq: 24 Nov 2020 15:14

Tgt Ion: 65 Resp: 102844

Ion Ratio Lower Upper

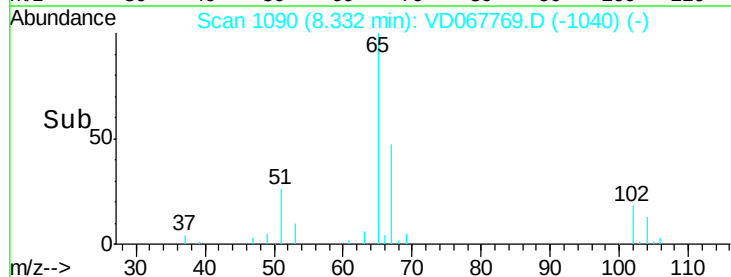
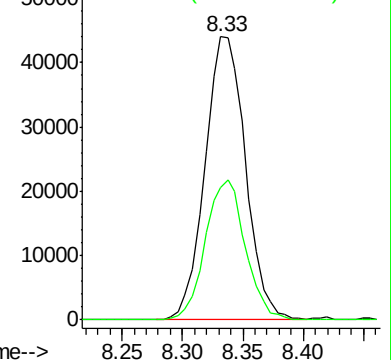
65 100

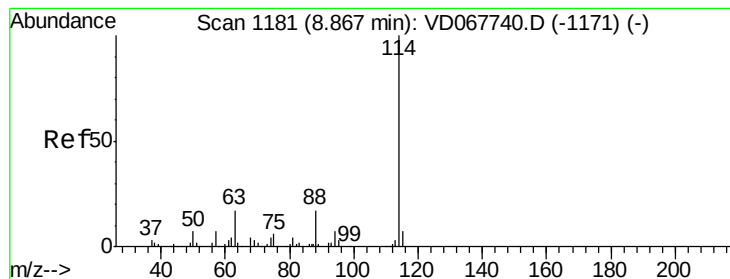
67 48.6 0.0 101.0



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. -0.00 min

Lab File: VD067769.D

Acq: 24 Nov 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

304EM-STOCKPILE

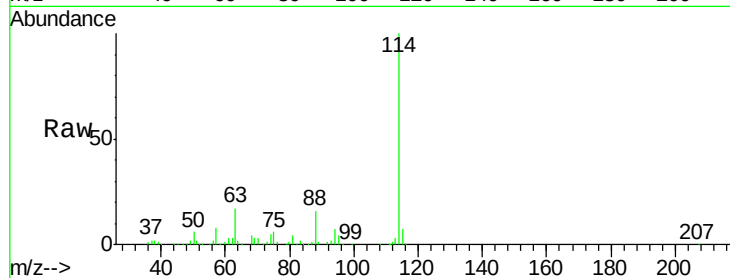
Tot Ion:114 Resp: 299191

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.8

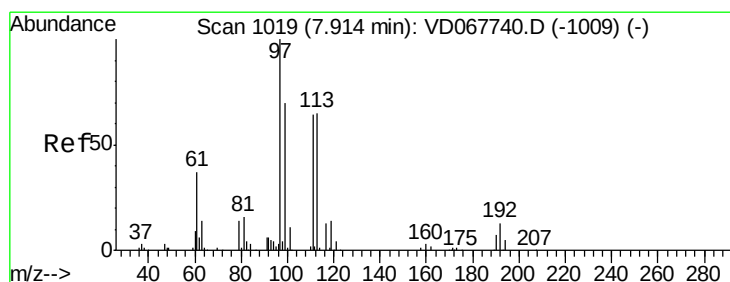
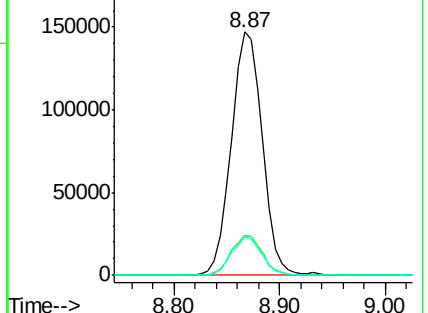
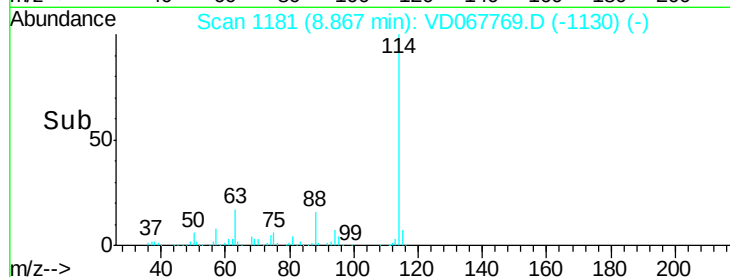
88 15.8 0.0 34.4



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: 49.361 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067769.D

Acq: 24 Nov 2020 15:14

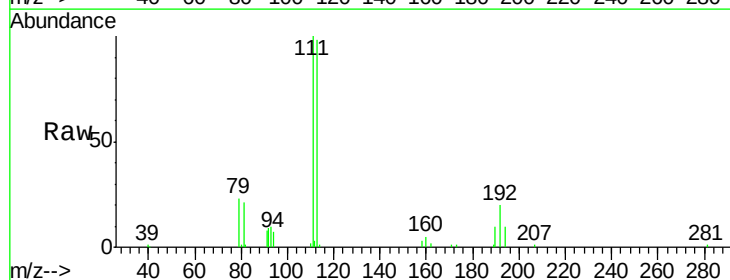
Tgt Ion:113 Resp: 93985

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

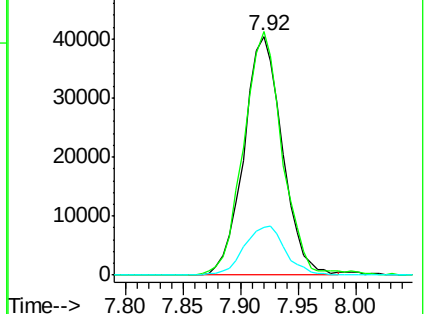
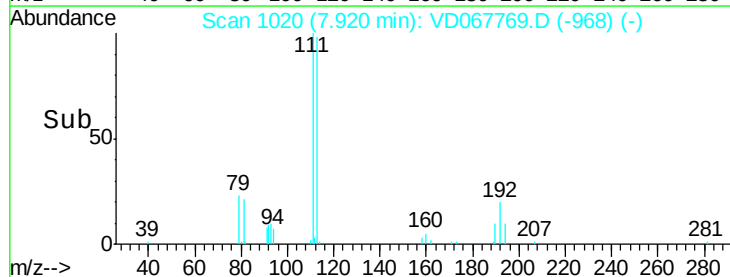
192 21.8 17.0 25.4

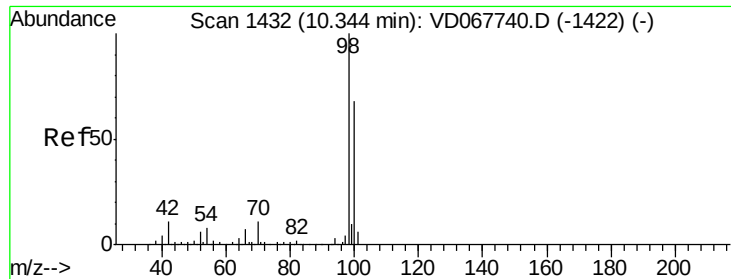


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

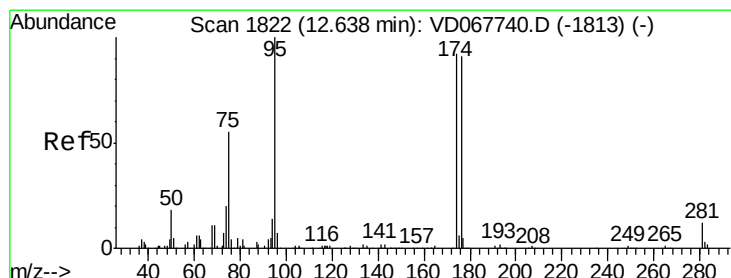
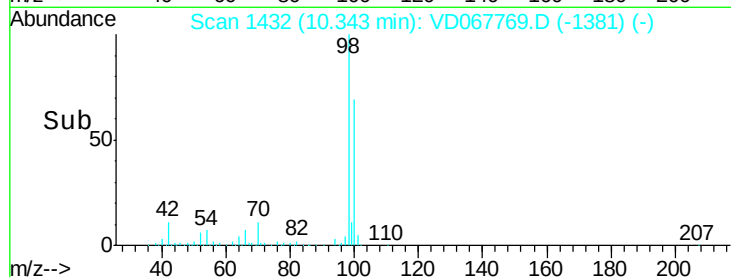
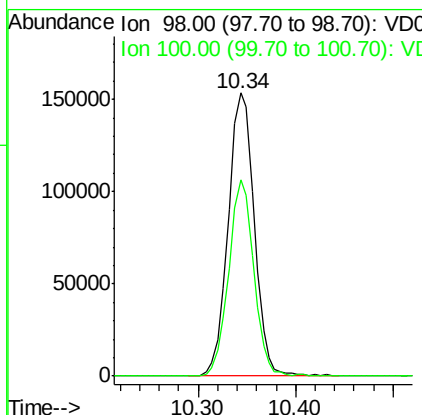
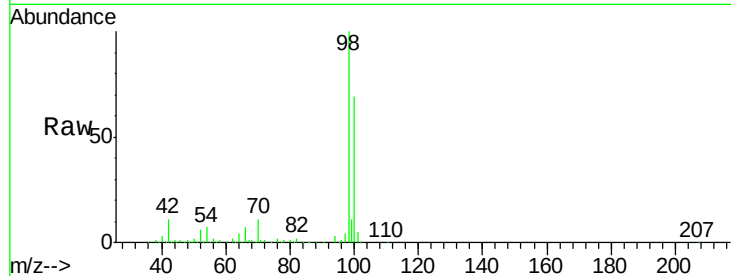




#50
Toluene-d8
Concen: 41.023 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067769.D
Acq: 24 Nov 2020 15:14

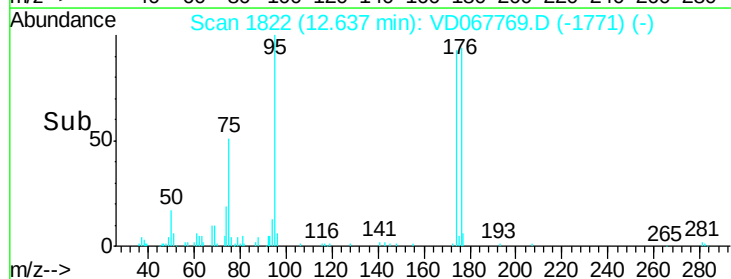
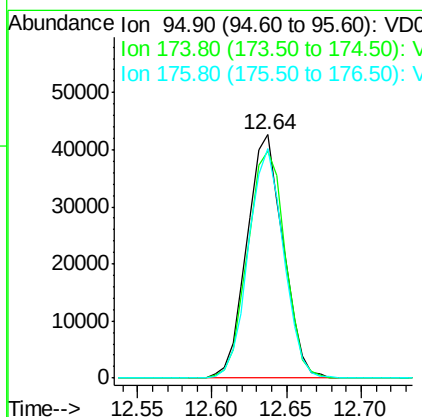
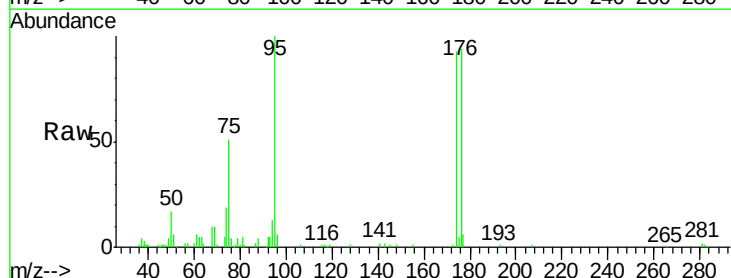
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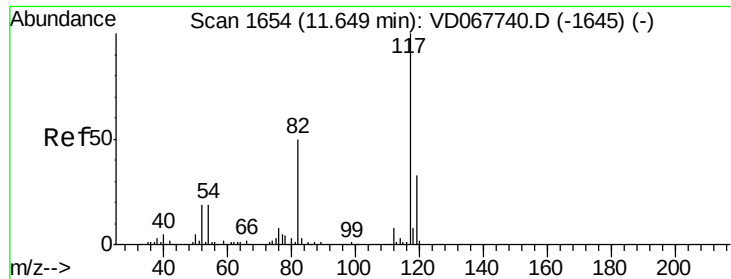
Tot Ion: 98 Resp: 285577
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 30.068 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067769.D
Acq: 24 Nov 2020 15:14

Tgt Ion: 95 Resp: 71545
Ion Ratio Lower Upper
95 100
174 96.0 0.0 182.4
176 90.8 0.0 178.2

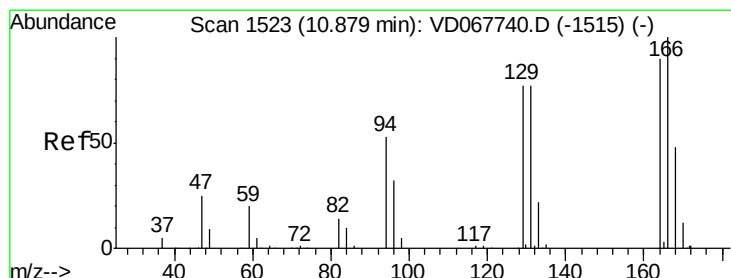
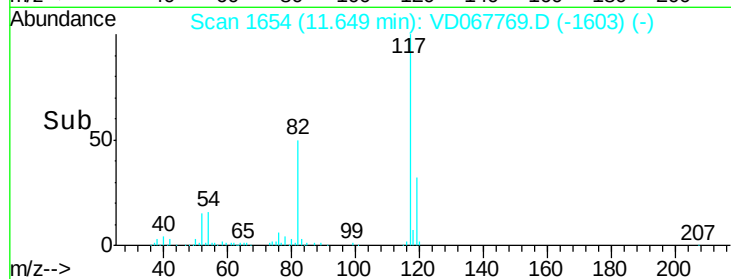
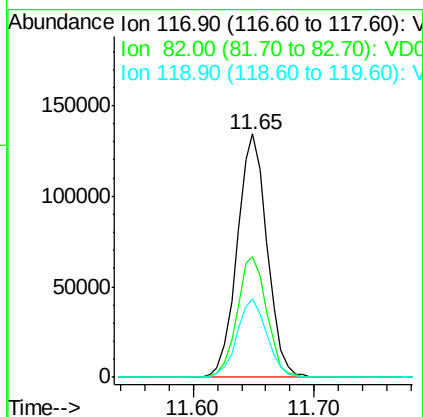
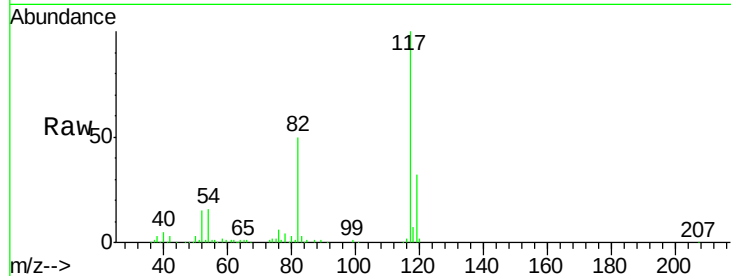




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067769.D
Acq: 24 Nov 2020 15:14

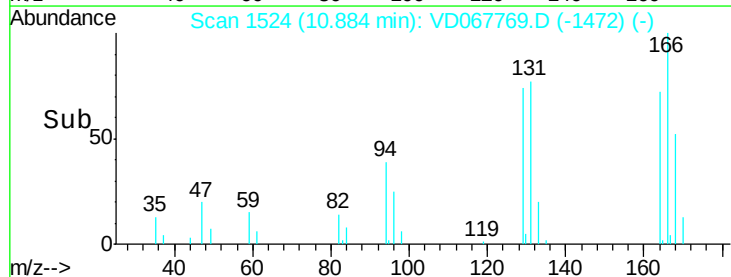
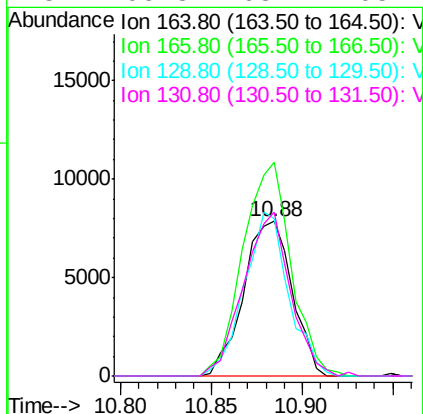
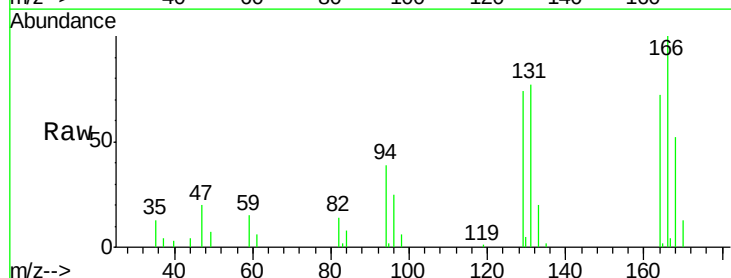
Instrument :
MSVOA_D
ClientSampleId :
304EM-STOCKPILE

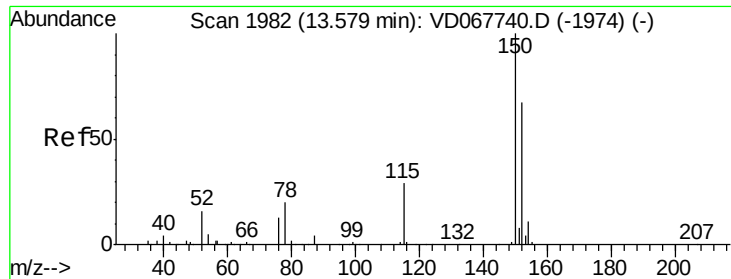
Tot Ion:117 Resp: 231701
Ion Ratio Lower Upper
117 100
82 49.7 40.2 60.4
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 8.155 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067769.D
Acq: 24 Nov 2020 15:14

Tgt Ion:164 Resp: 14666
Ion Ratio Lower Upper
164 100
166 138.1 89.2 133.8#
129 102.2 68.4 102.6
131 105.8 68.7 103.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067769.D

Acq: 24 Nov 2020 15:14

Instrument :

MSVOA_D

ClientSampleId :

304EM-STOCKPILE

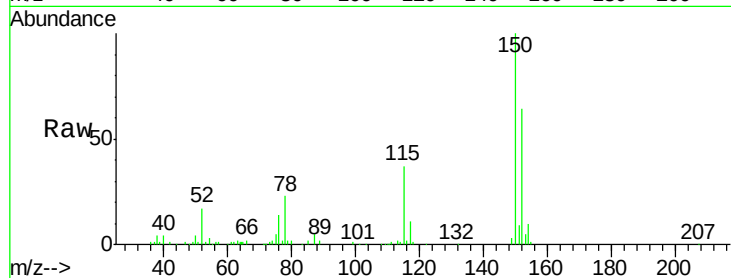
Tot Ion:152 Resp: 73202

Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.3

150 158.3 0.0 340.6



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

