

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067449.D
 Acq On : 29 Oct 2020 13:56
 Operator : VA/SY
 Sample : L4561-01
 Misc : 6.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC1-SO-0001

Quant Time: Oct 30 03:11:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

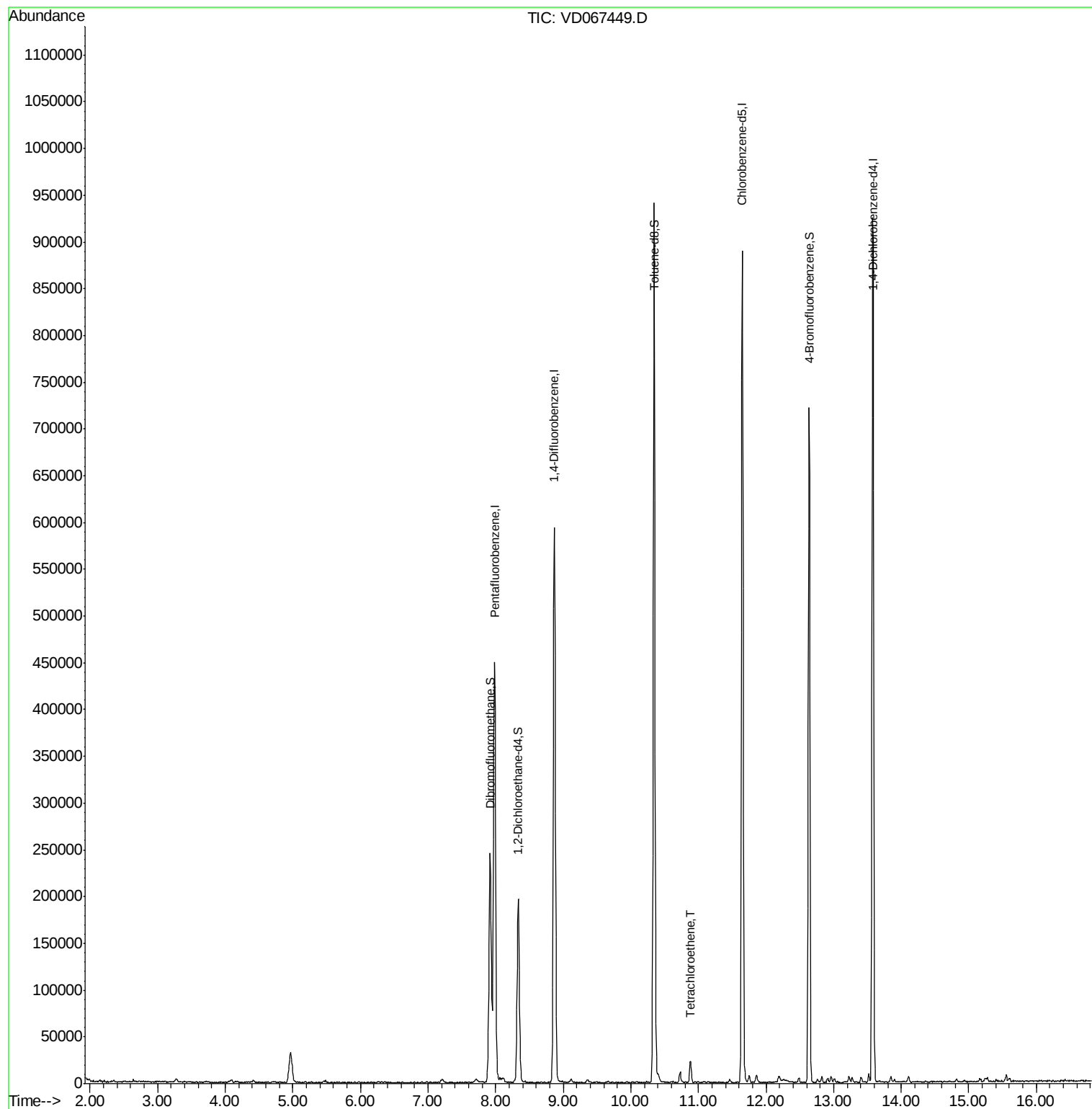
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	345368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	168725	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.92	113	173148	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	10.34	98	636968	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.64	95	229378	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
Target Compounds						
64) Tetrachloroethene	10.88	164	5719	1.486	ug/l	Qvalue 89

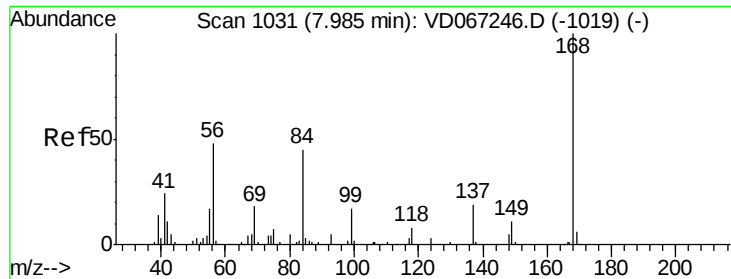
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

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ClientSampleId :

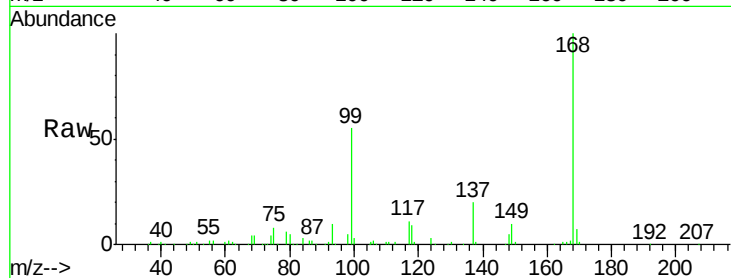
STOCKPILE-LOC1-SO-0001

Tot Ion:168 Resp: 345368

Ion Ratio Lower Upper

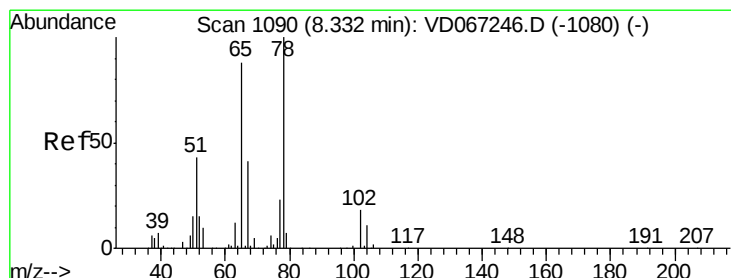
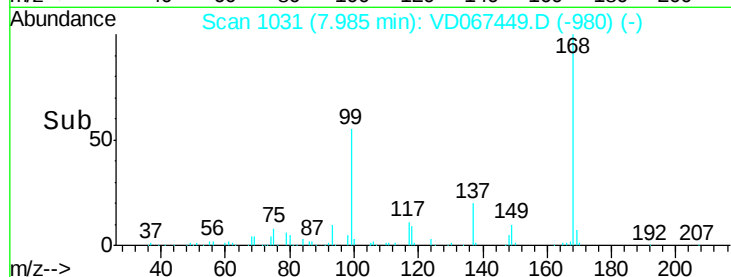
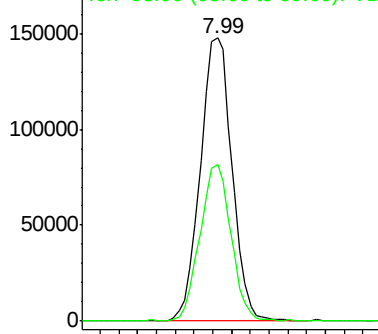
168 100

99 55.3 45.9 68.9



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: 48.763 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067449.D

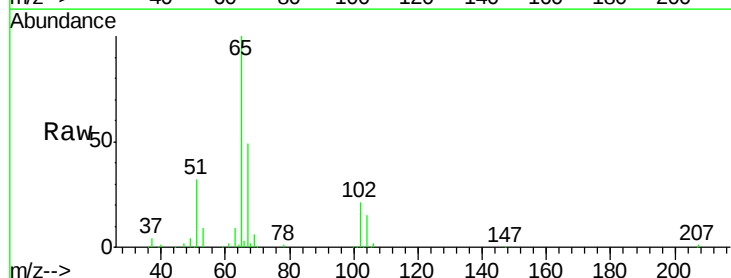
Acq: 29 Oct 2020 13:56

Tgt Ion: 65 Resp: 168725

Ion Ratio Lower Upper

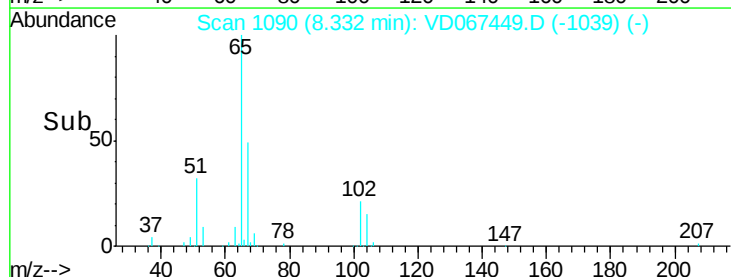
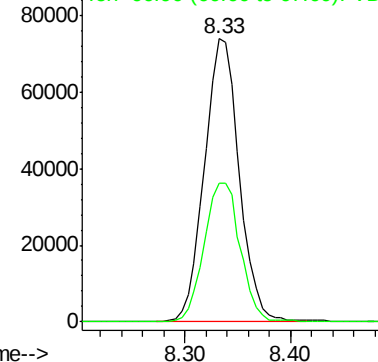
65 100

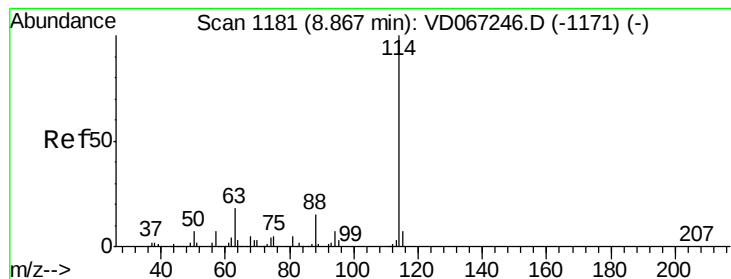
67 50.8 0.0 103.8



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. 0.00 min

Lab File: VD067449.D

Acq: 29 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC1-SO-0001

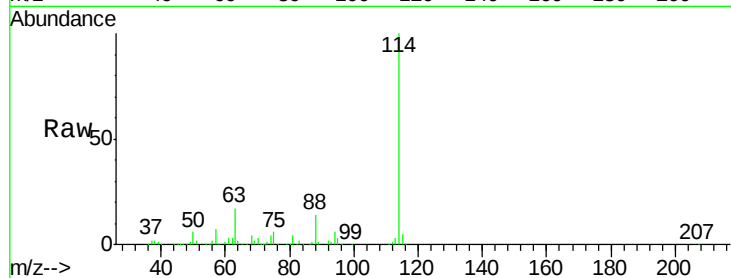
Tot Ion:114 Resp: 545579

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

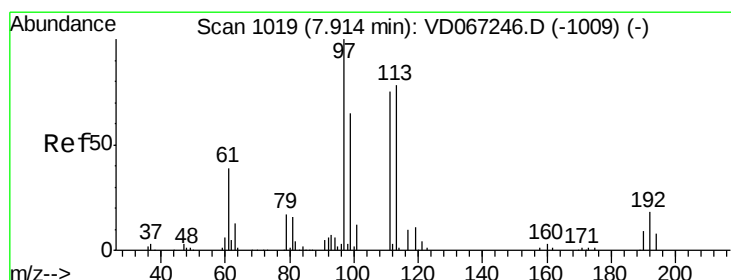
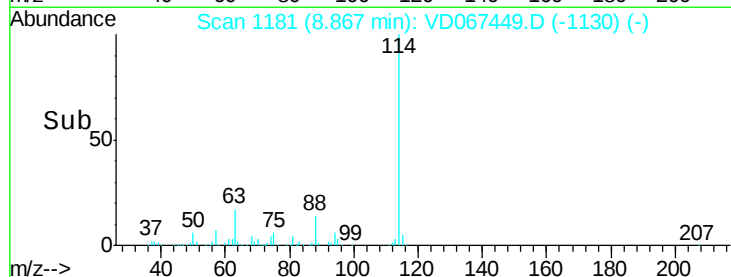
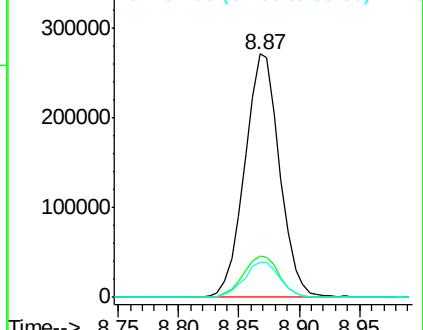
88 14.3 0.0 30.6



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: 47.688 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067449.D

Acq: 29 Oct 2020 13:56

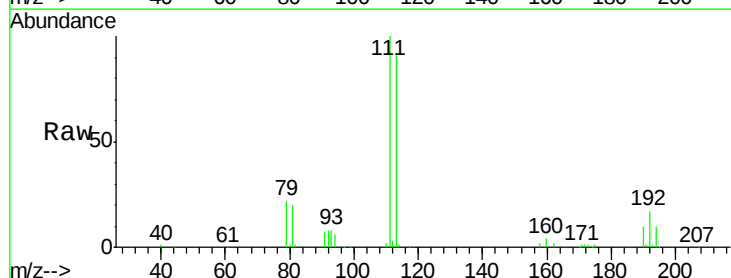
Tgt Ion:113 Resp: 173148

Ion Ratio Lower Upper

113 100

111 104.7 81.6 122.4

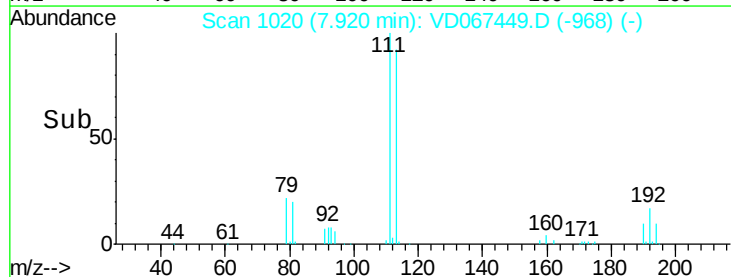
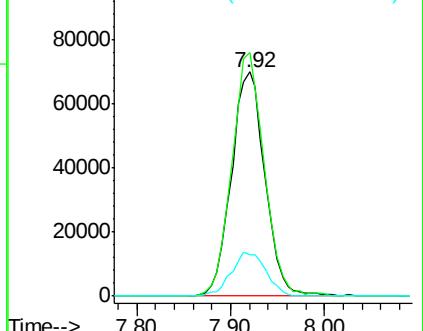
192 20.2 17.0 25.4

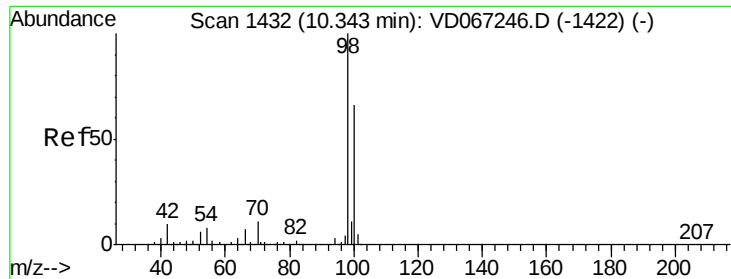


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.477 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067449.D

Acq: 29 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

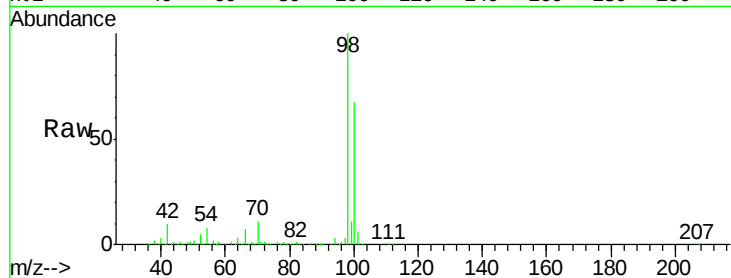
STOCKPILE-LOC1-SO-0001

Tot Ion: 98 Resp: 636968

Ion Ratio Lower Upper

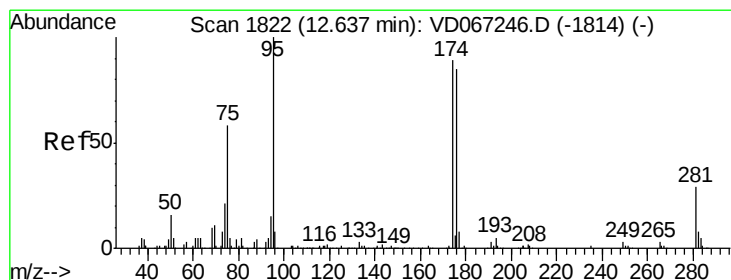
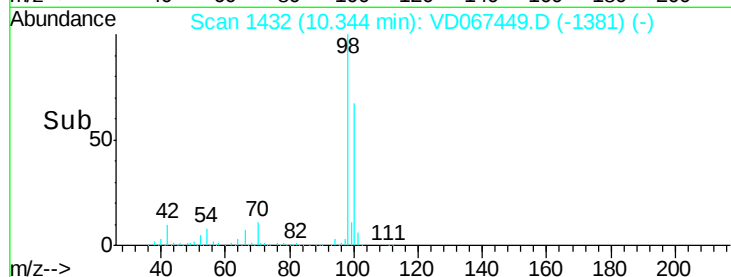
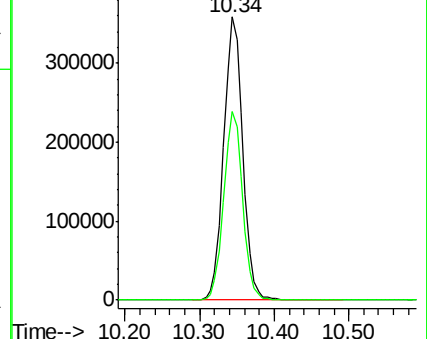
98 100

100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.204 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067449.D

Acq: 29 Oct 2020 13:56

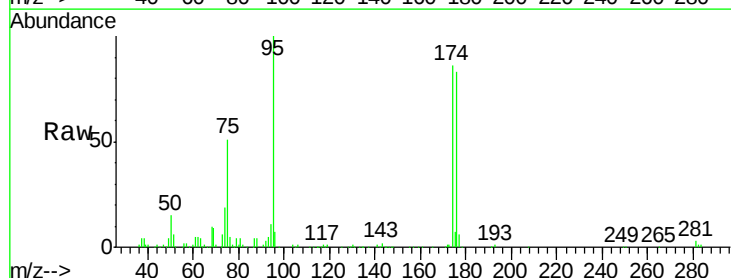
Tgt Ion: 95 Resp: 229378

Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.2

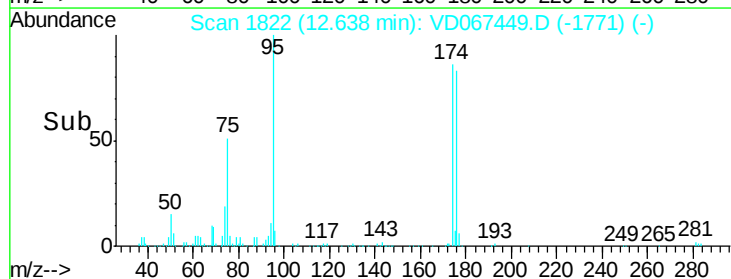
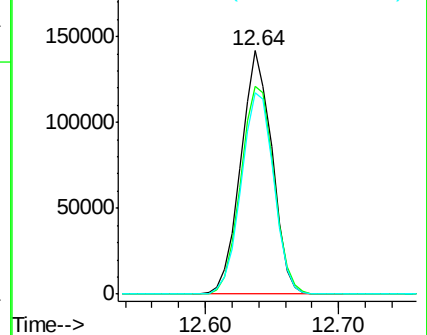
176 86.0 0.0 168.6

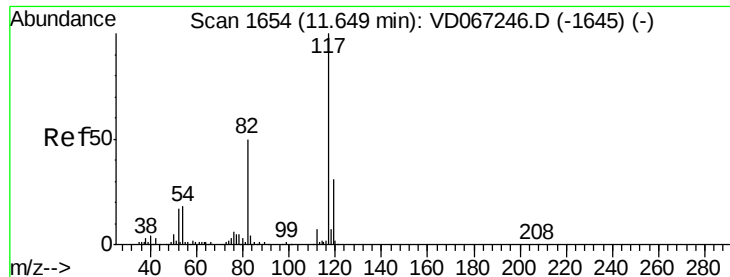


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

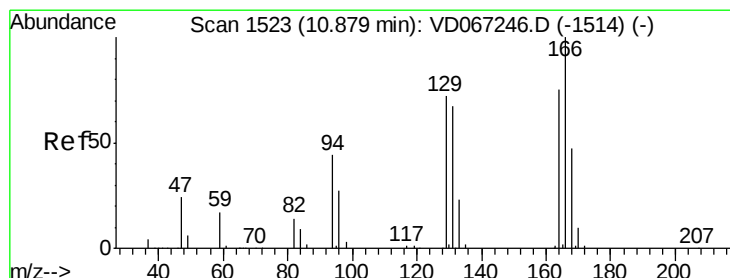
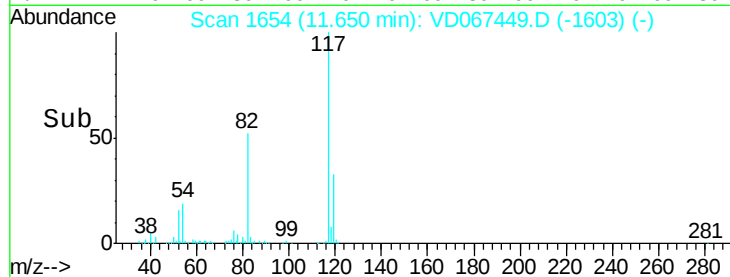
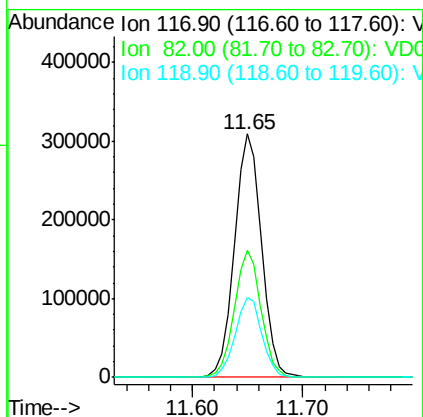
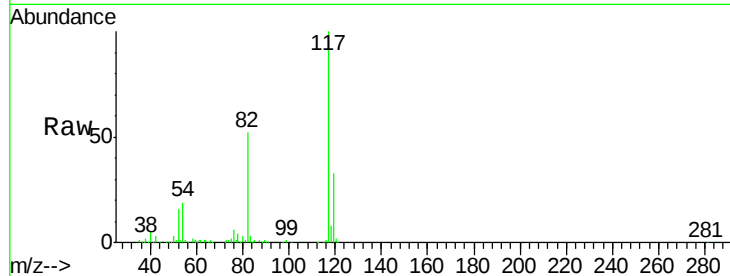




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067449.D
Acq: 29 Oct 2020 13:56

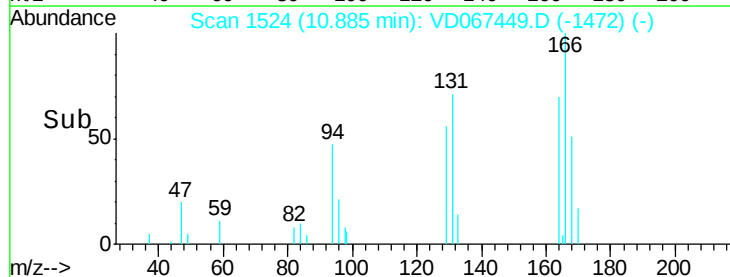
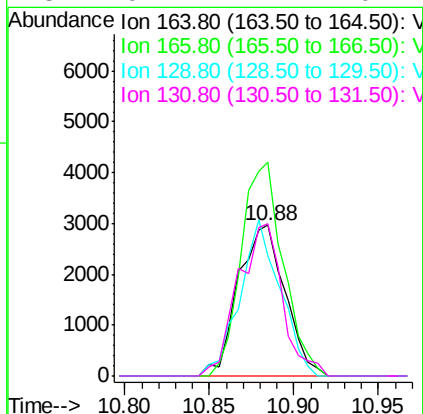
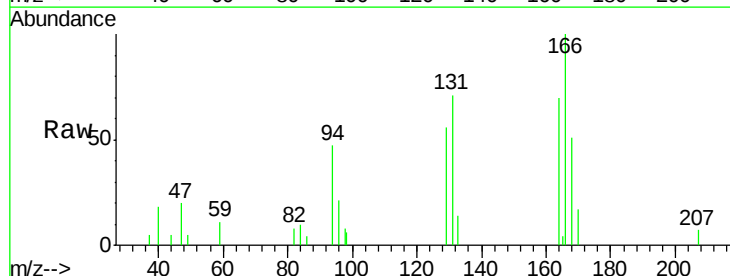
Instrument :
MSVOA_D
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STOCKPILE-LOC1-SO-0001

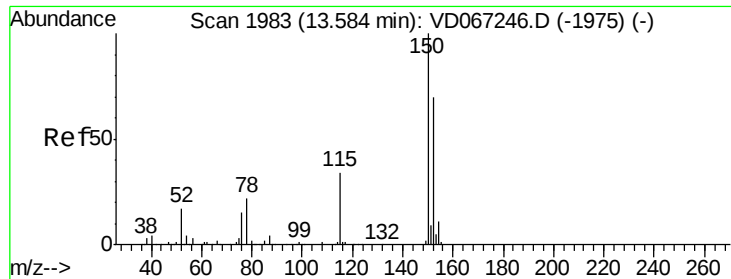
Tot Ion:117 Resp: 531296
Ion Ratio Lower Upper
117 100
82 52.2 39.9 59.9
119 32.8 24.9 37.3



#64
Tetrachloroethene
Concen: 1.486 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067449.D
Acq: 29 Oct 2020 13:56

Tgt Ion:164 Resp: 5719
Ion Ratio Lower Upper
164 100
166 141.9 107.3 160.9
129 80.0 77.3 115.9
131 101.4 71.4 107.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067449.D

Acq: 29 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC1-SO-0001

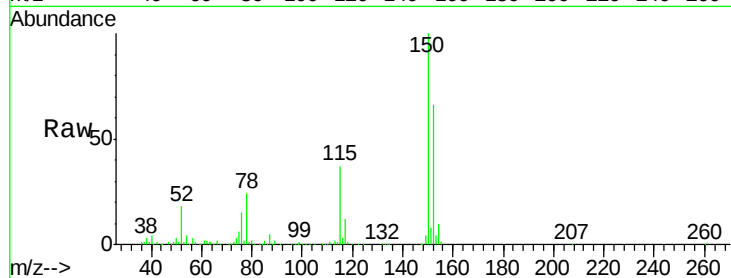
Tot Ion:152 Resp: 265205

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.9

150 155.9 0.0 339.0



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

