

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067466.D
 Acq On : 30 Oct 2020 12:06
 Operator : VA/SY
 Sample : L4561-02
 Misc : 7.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

Quant Time: Oct 30 11:30:33 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

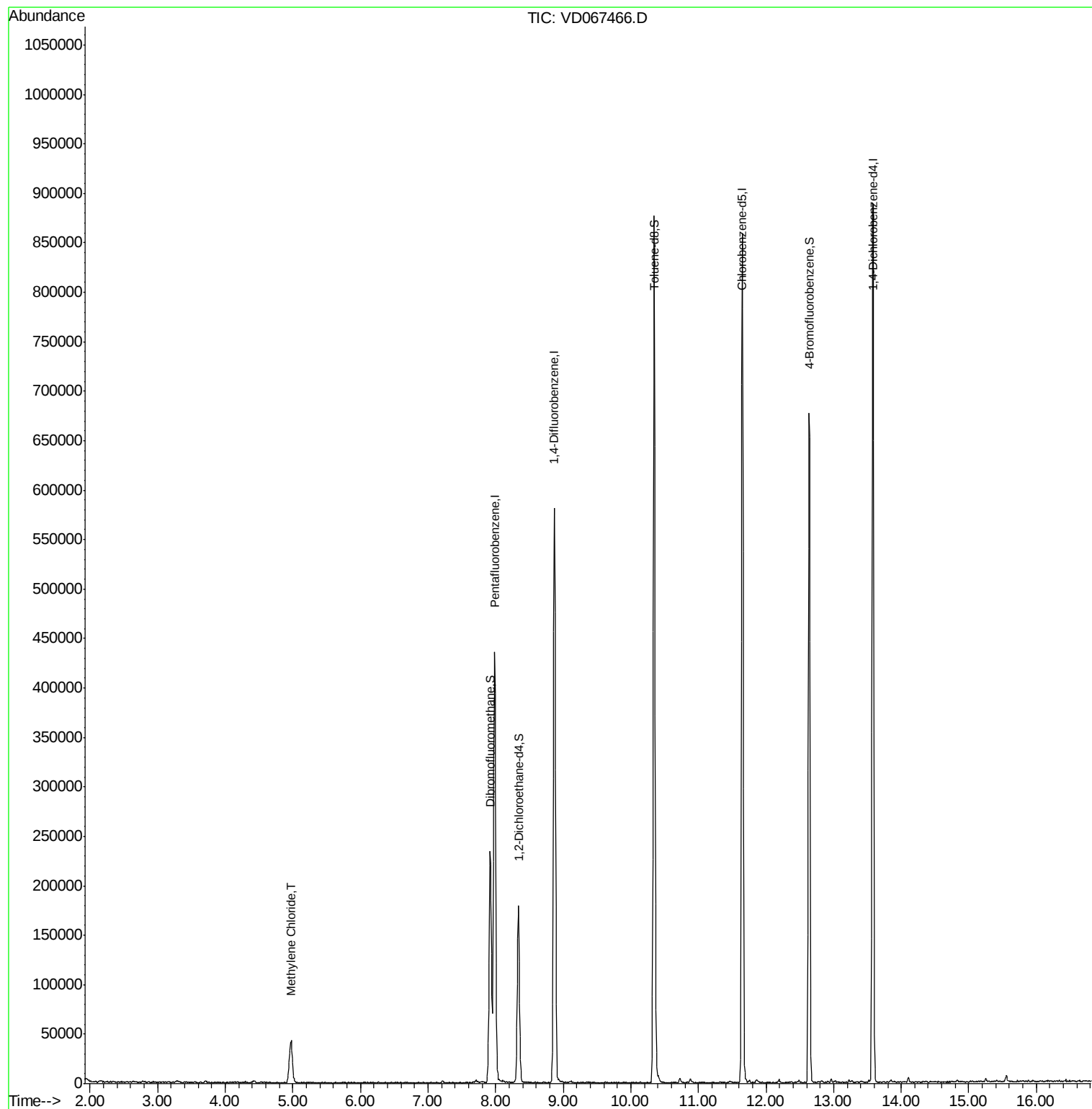
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	328908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	517260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	152316	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	7.92	113	165598	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.34	98	619759	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.64	95	219199	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
20) Methylene Chloride	4.98	84	36495	8.632	ug/l	Qvalue 97

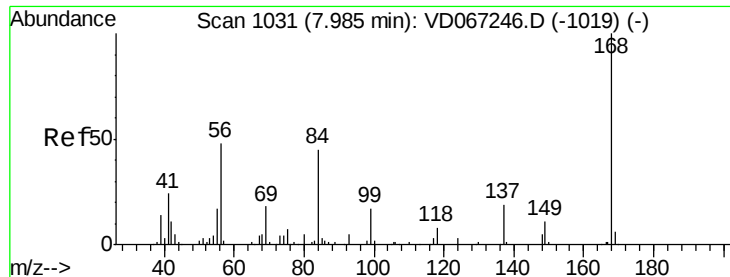
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

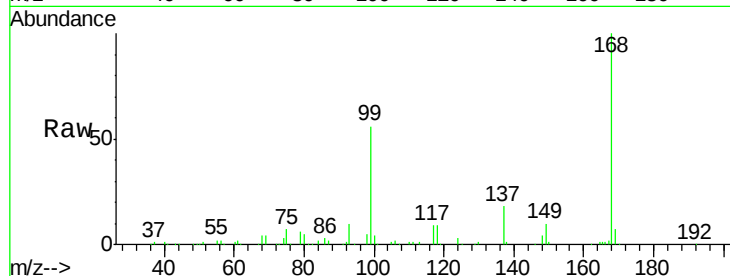
STOCKPILE-LOC2-SO-0002

Tot Ion:168 Resp: 328908

Ion Ratio Lower Upper

168 100

99 56.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

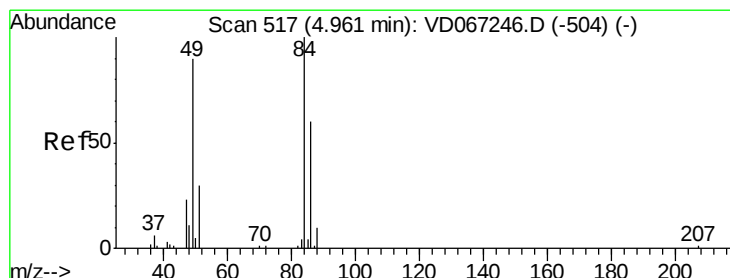
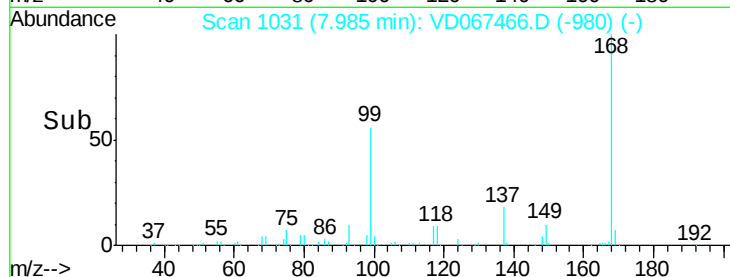
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.632 ug/l

RT: 4.98 min Scan# 520

Delta R.T. 0.02 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Tgt Ion: 84 Resp: 36495

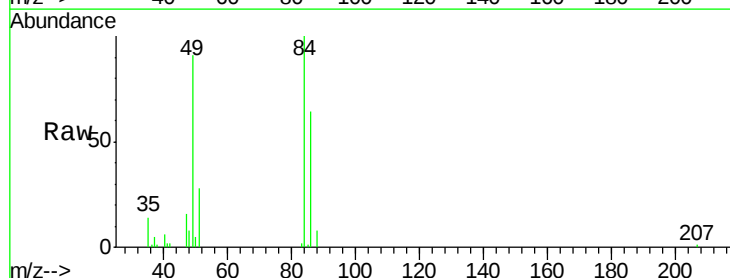
Ion Ratio Lower Upper

84 100

49 91.3 72.2 108.2

51 28.4 23.8 35.8

86 64.4 48.2 72.4



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

4.98

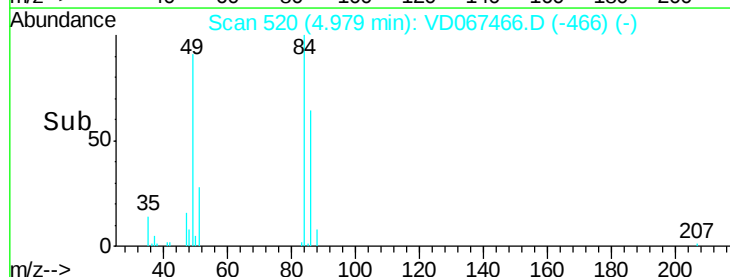
15000

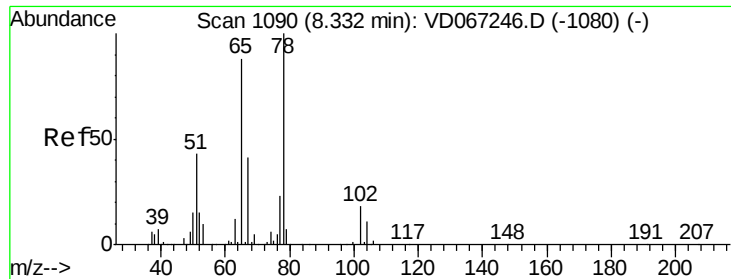
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5000

0

Time-->

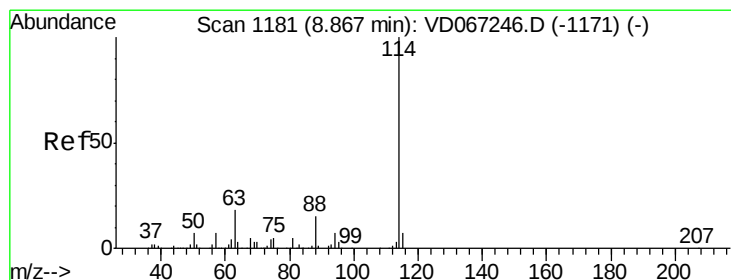
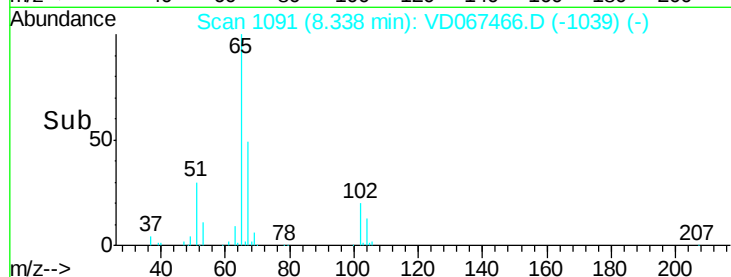
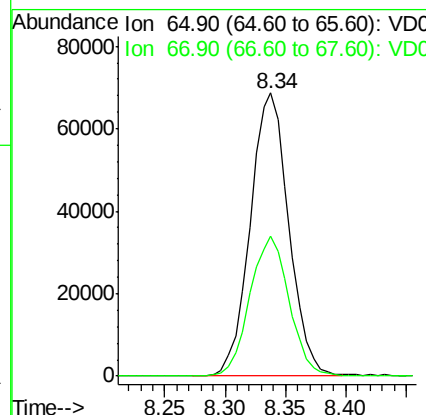
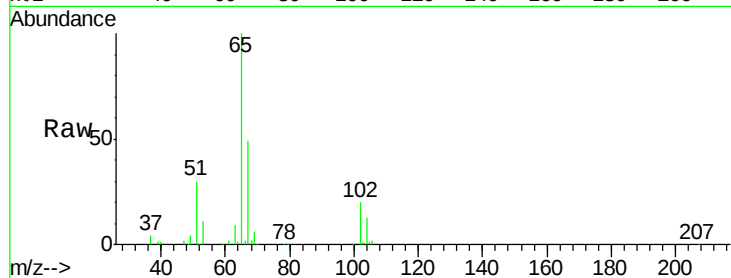




#33
 1,2-Dichloroethane-d4
 Concen: 46.224 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

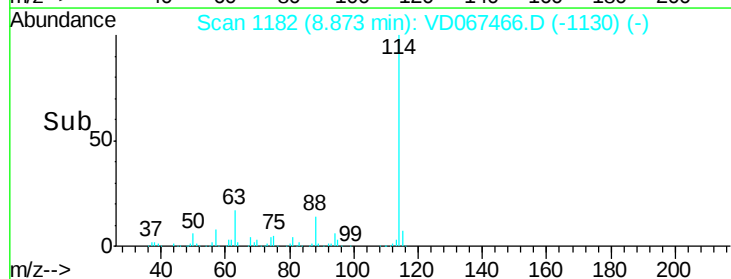
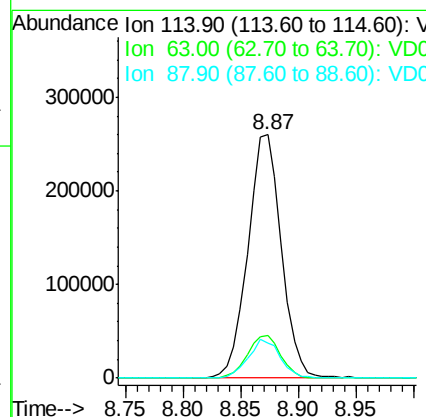
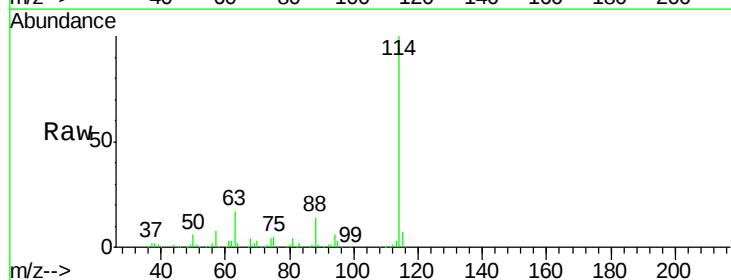
Instrument :
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 STOCKPILE-LOC2-SO-0002

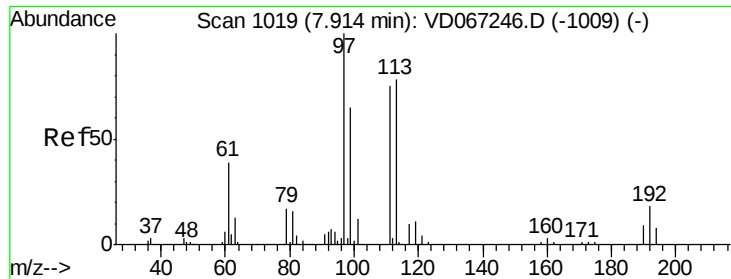
Tot Ion: 65 Resp: 152316
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

Tgt Ion: 114 Resp: 525005
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 14.4 0.0 30.6

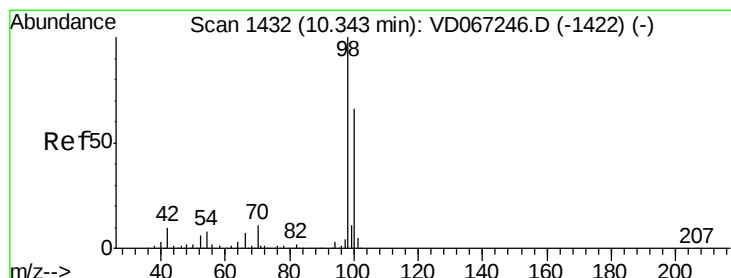
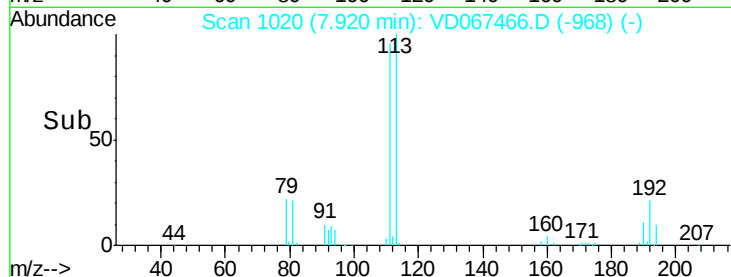
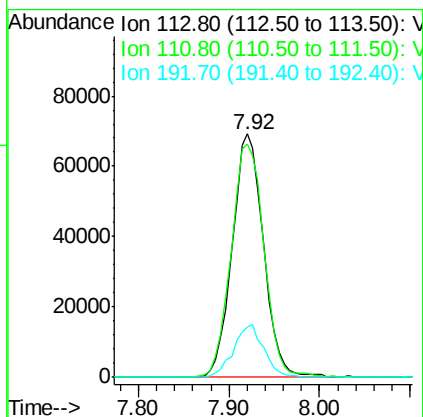
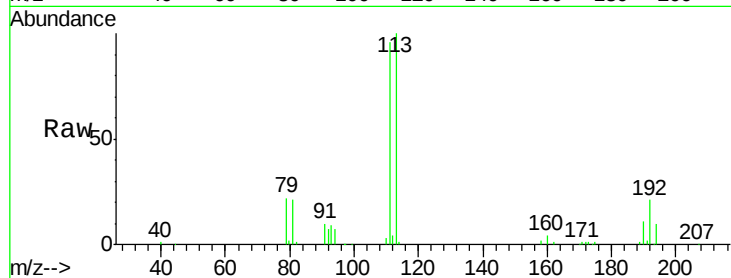




#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

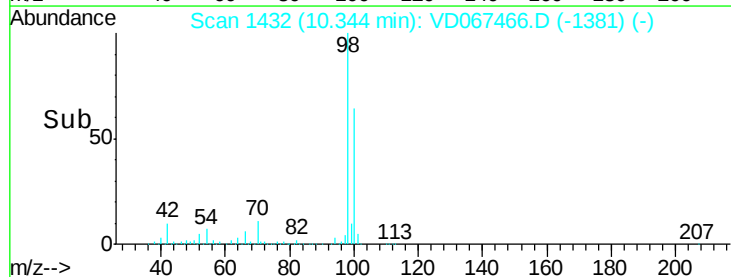
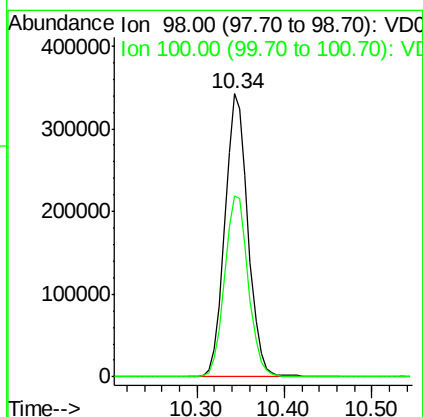
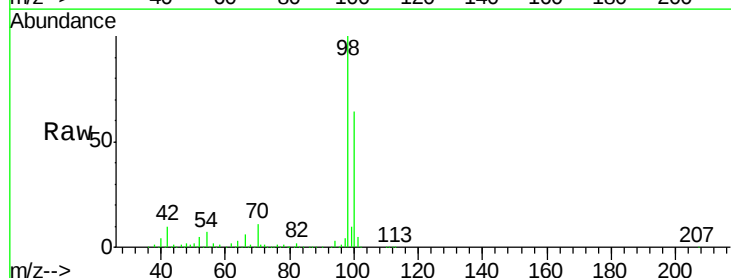
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

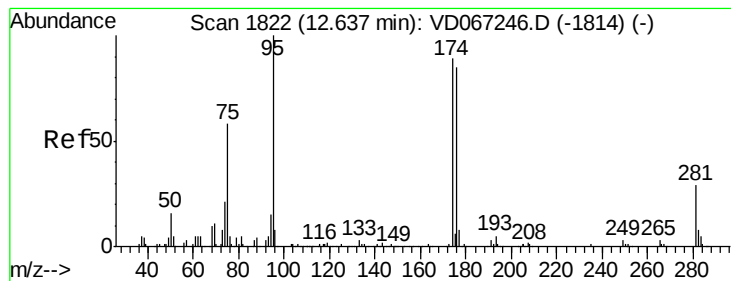
Tot Ion:113 Resp: 165598
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.6 122.4
 192 20.9 17.0 25.4



#50
 Toluene-d8
 Concen: 49.015 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

Tgt Ion: 98 Resp: 619759
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.856 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC2-SO-0002

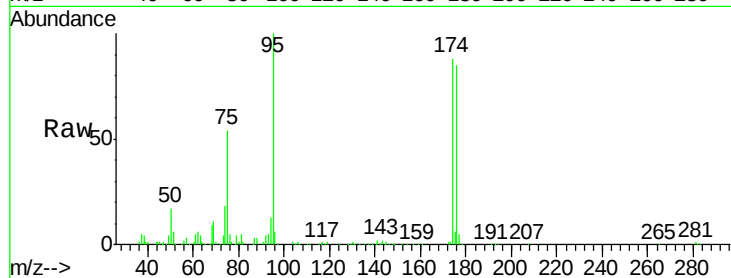
Tot Ion: 95 Resp: 219199

Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.2

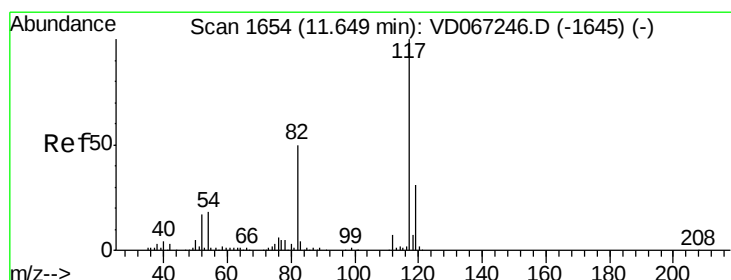
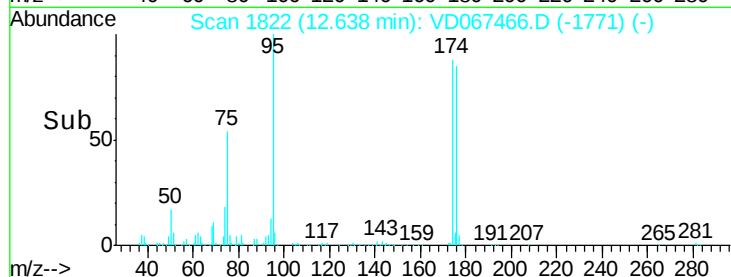
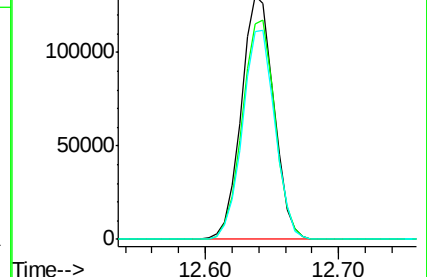
176 85.6 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067466.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067466.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067466.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

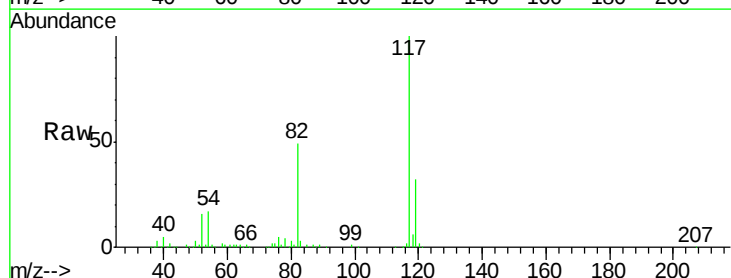
Tgt Ion: 117 Resp: 517260

Ion Ratio Lower Upper

117 100

82 48.9 39.9 59.9

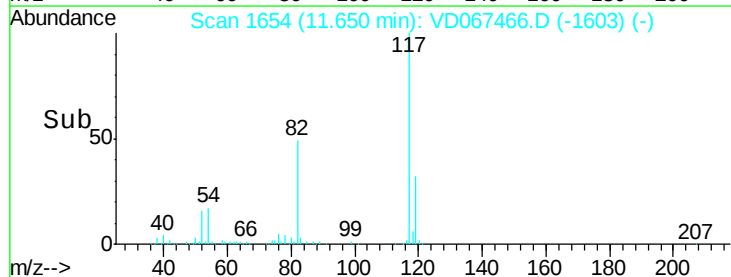
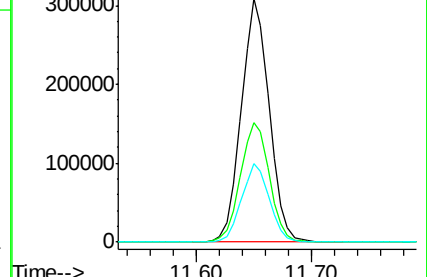
119 32.4 24.9 37.3

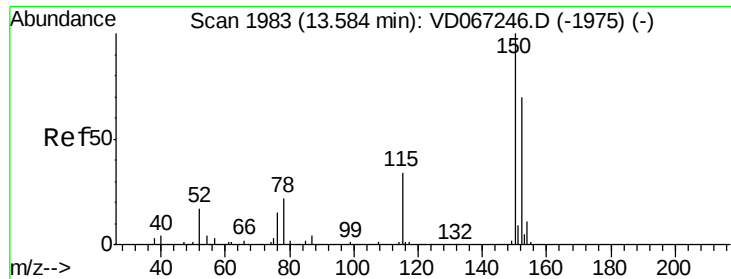


Abundance Ion 116.90 (116.60 to 117.60): VD067466.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067466.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067466.D (-1645) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC2-SO-0002

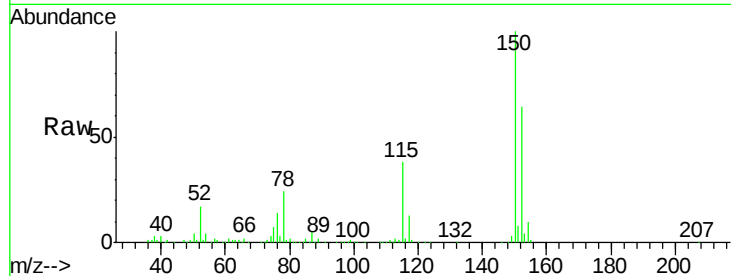
Tot Ion:152 Resp: 255420

Ion Ratio Lower Upper

152 100

115 59.8 29.3 87.9

150 157.7 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

