

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067467.D
 Acq On : 30 Oct 2020 12:33
 Operator : VA/SY
 Sample : L4561-03
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC3-SO-0003

Quant Time: Oct 30 12:21:38 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

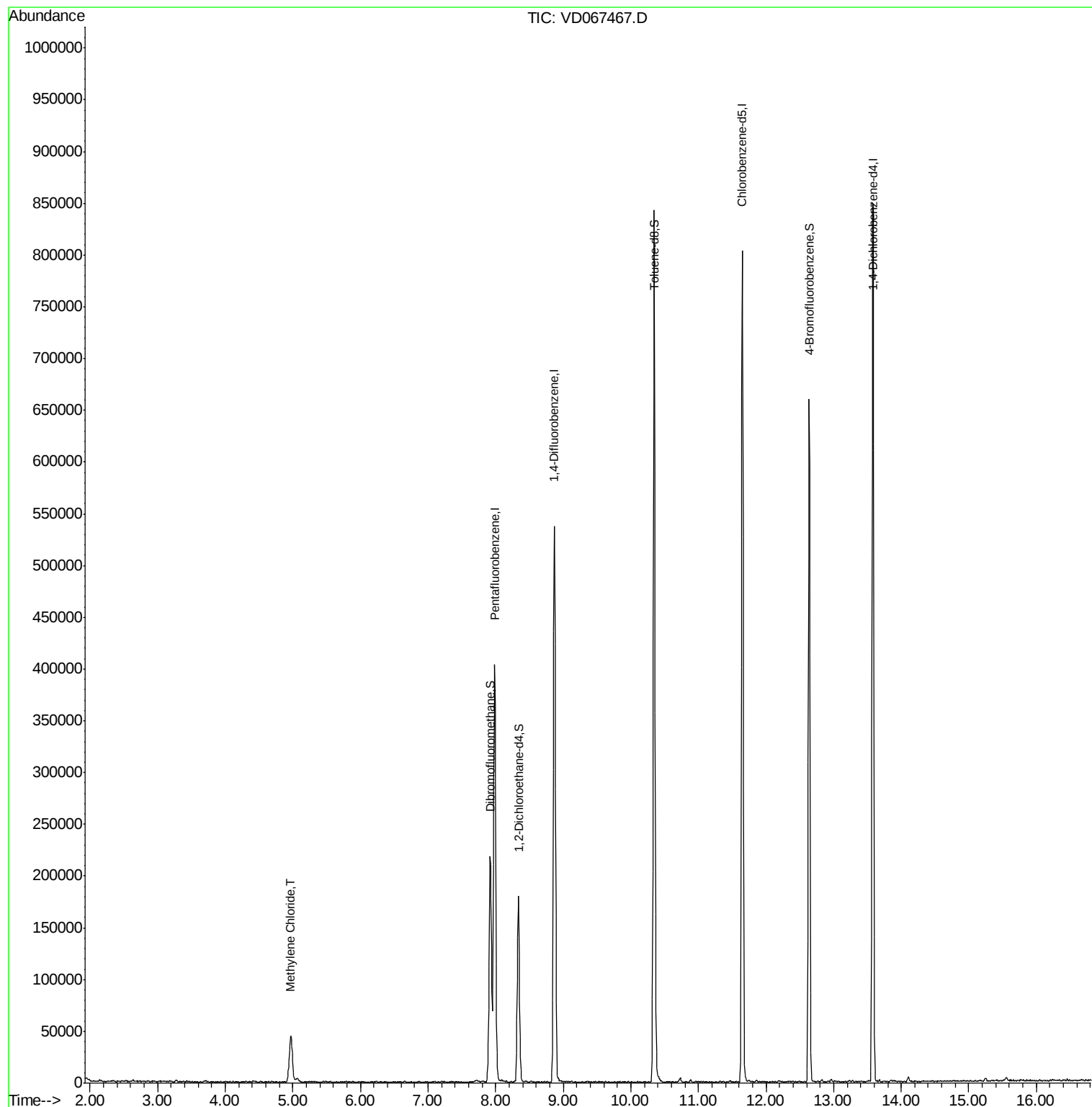
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	489219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	152970	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	7.93	113	156741	48.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	10.34	98	576656	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.64	95	208077	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
Target Compounds						
20) Methylene Chloride	4.96	84	39294	11.004	ug/l	Qvalue 95

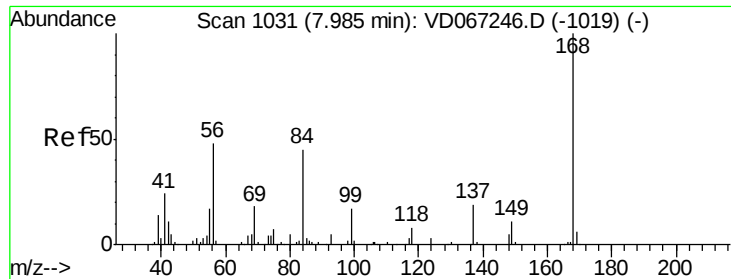
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067467.D

Acq: 30 Oct 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

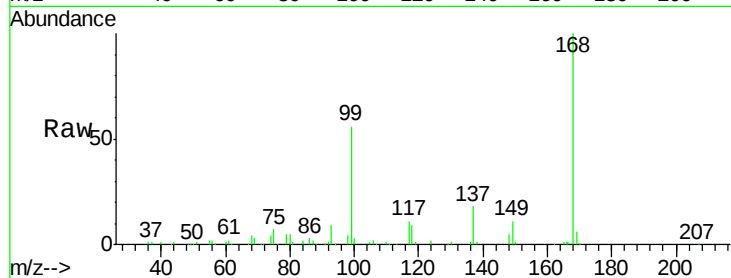
STOCKPILE-LOC3-SO-0003

Tot Ion:168 Resp: 301420

Ion Ratio Lower Upper

168 100

99 55.5 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

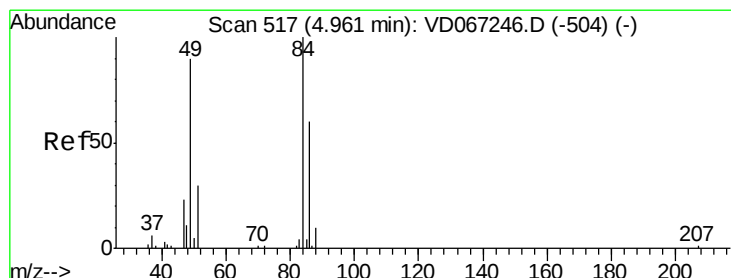
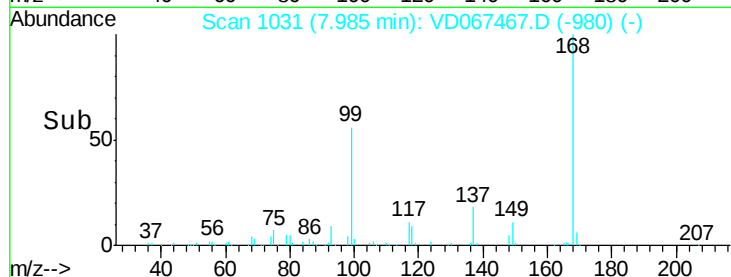
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.004 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067467.D

Acq: 30 Oct 2020 12:33

Tgt Ion: 84 Resp: 39294

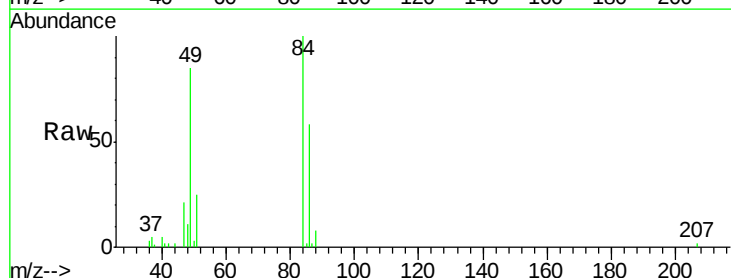
Ion Ratio Lower Upper

84 100

49 85.3 72.2 108.2

51 25.2 23.8 35.8

86 57.6 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

20000

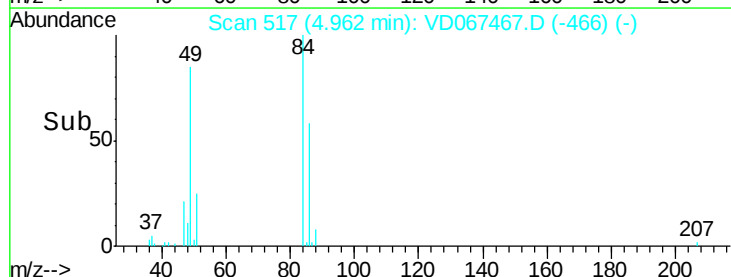
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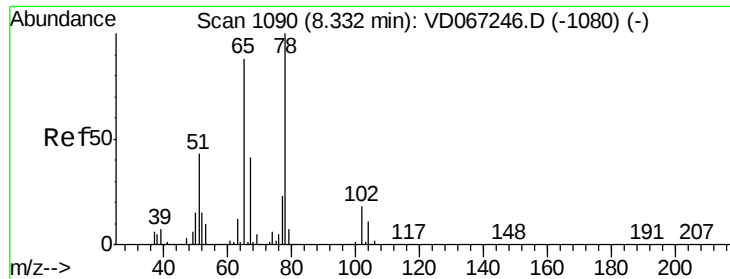
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5000

0

Time-->

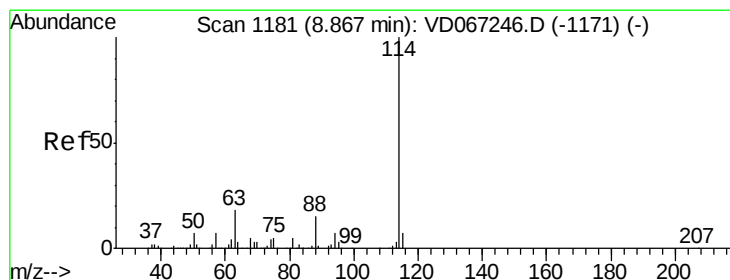
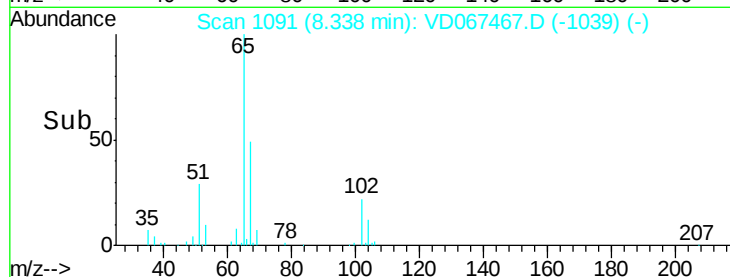
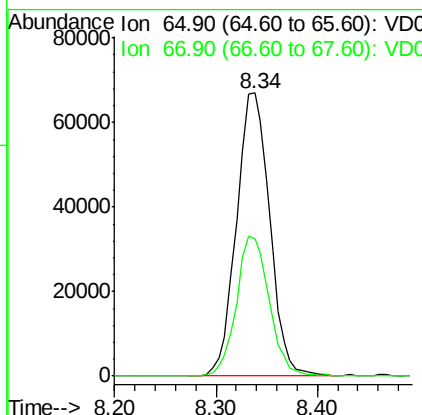
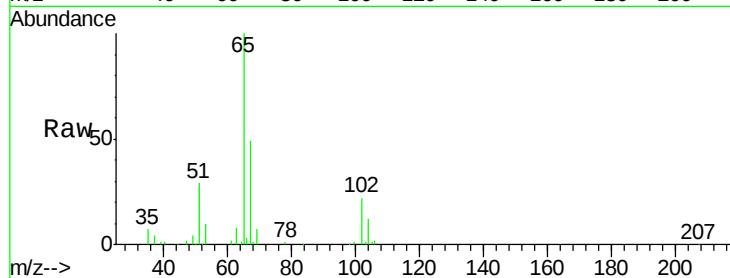




#33
 1,2-Dichloroethane-d4
 Concen: 50.656 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067467.D
 Acq: 30 Oct 2020 12:33

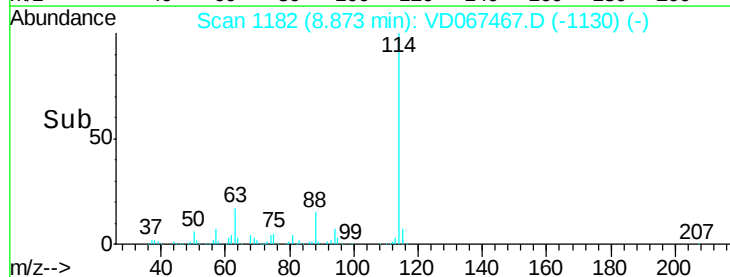
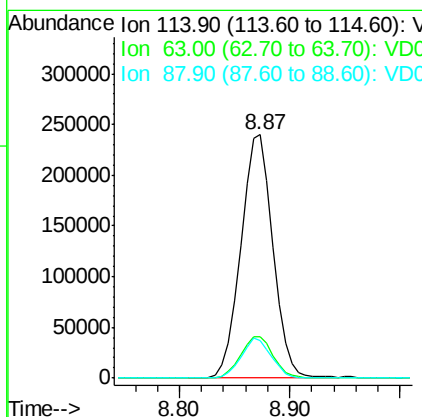
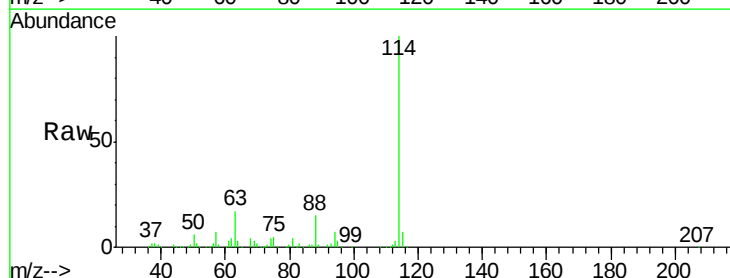
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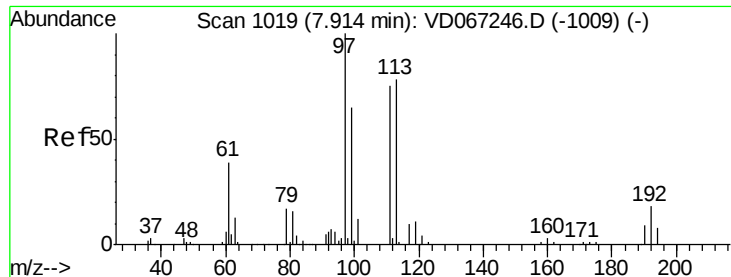
Tot Ion: 65 Resp: 152970
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067467.D
 Acq: 30 Oct 2020 12:33

Tgt Ion: 114 Resp: 489219
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 15.2 0.0 30.6

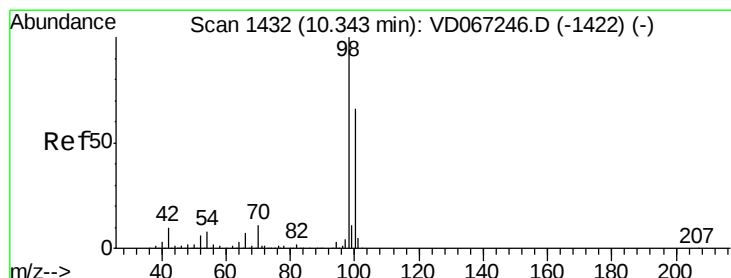
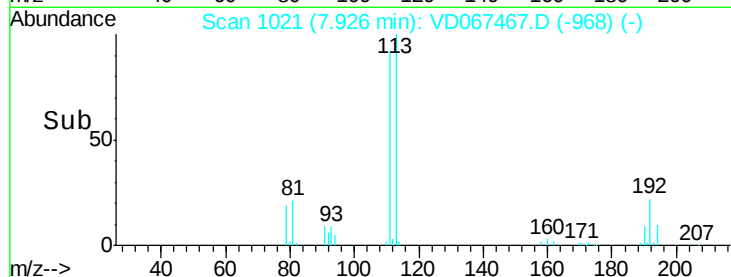
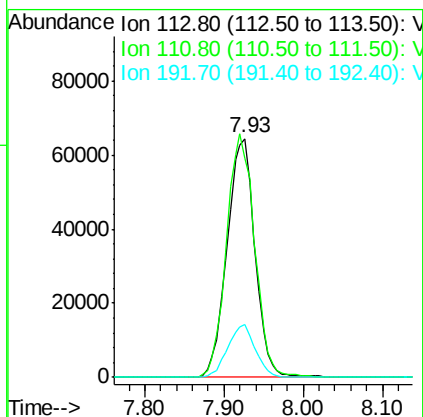
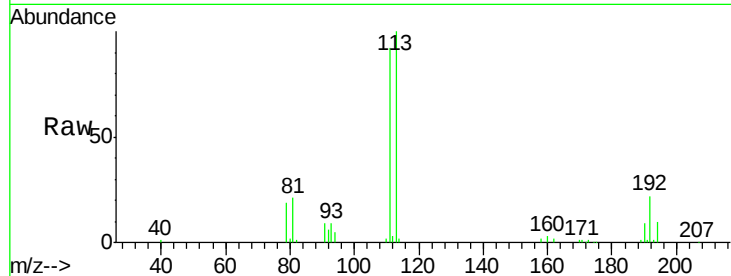




#35
 Dibromofluoromethane
 Concen: 48.143 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067467.D
 Acq: 30 Oct 2020 12:33

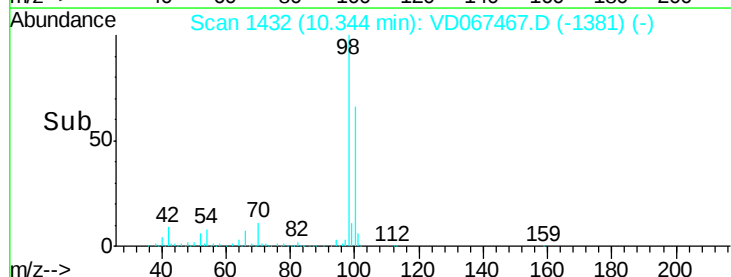
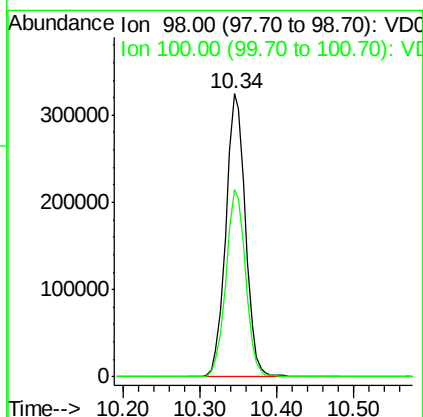
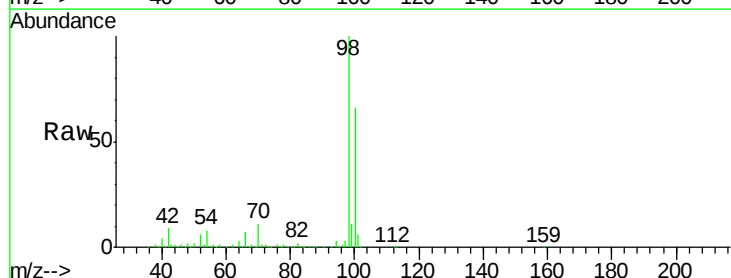
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC3-SO-0003

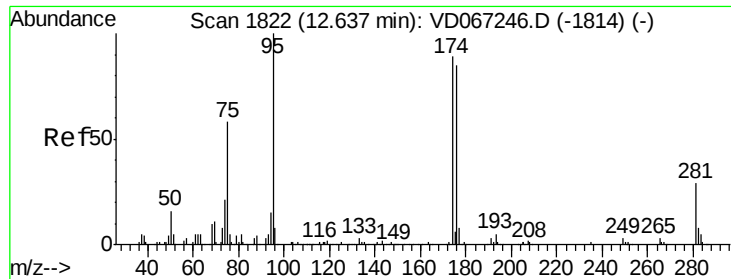
Tot Ion:113 Resp: 156741
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 21.7 17.0 25.4



#50
 Toluene-d8
 Concen: 48.943 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067467.D
 Acq: 30 Oct 2020 12:33

Tgt Ion: 98 Resp: 576656
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.1 79.7

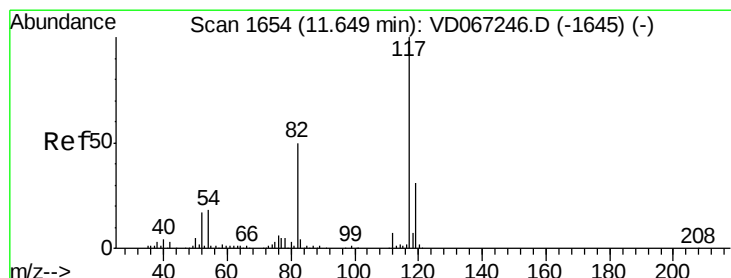
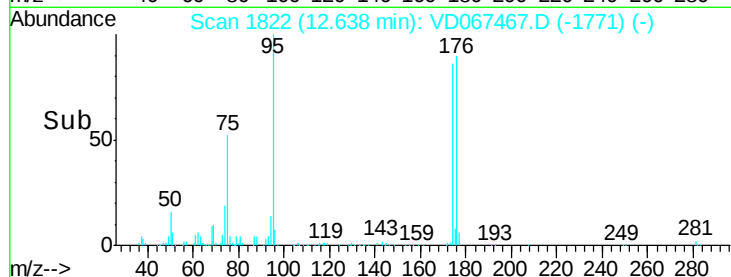
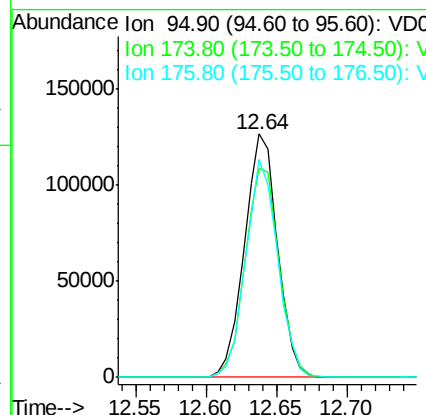
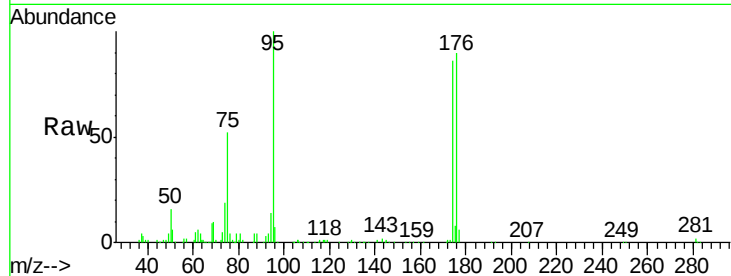




#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067467.D
Acq: 30 Oct 2020 12:33

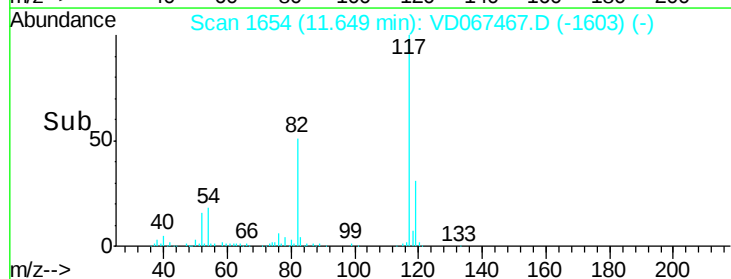
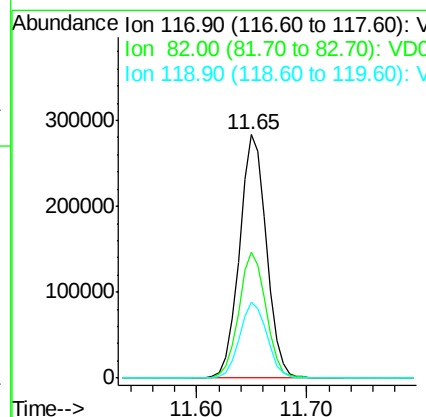
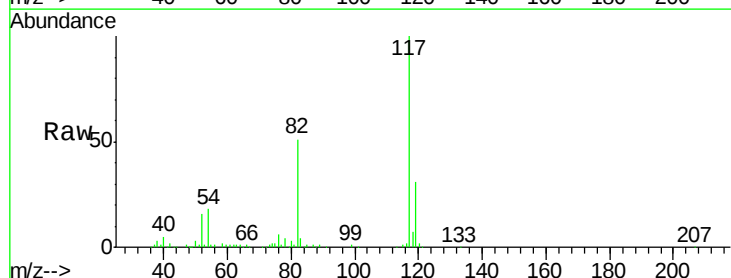
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-LOC3-SO-0003

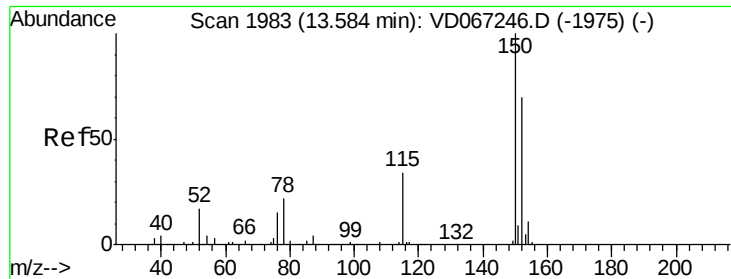
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	175.2
176	86.5	0.0	168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067467.D
Acq: 30 Oct 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.9	59.9
119	31.1	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067467.D

Acq: 30 Oct 2020 12:33

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC3-SO-0003

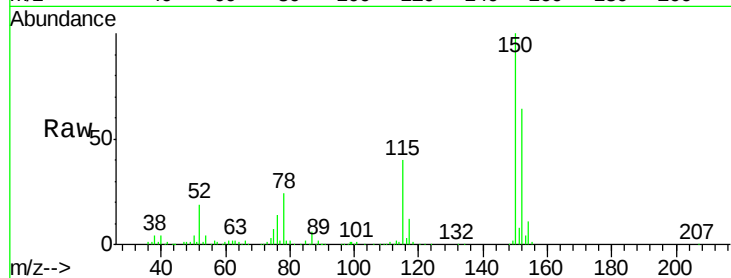
Tot Ion:152 Resp: 242202

Ion Ratio Lower Upper

152 100

115 59.5 29.3 87.9

150 157.4 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

