

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067451.D
 Acq On : 29 Oct 2020 14:51
 Operator : VA/SY
 Sample : L4561-03
 Misc : 7.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 30 03:19:32 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

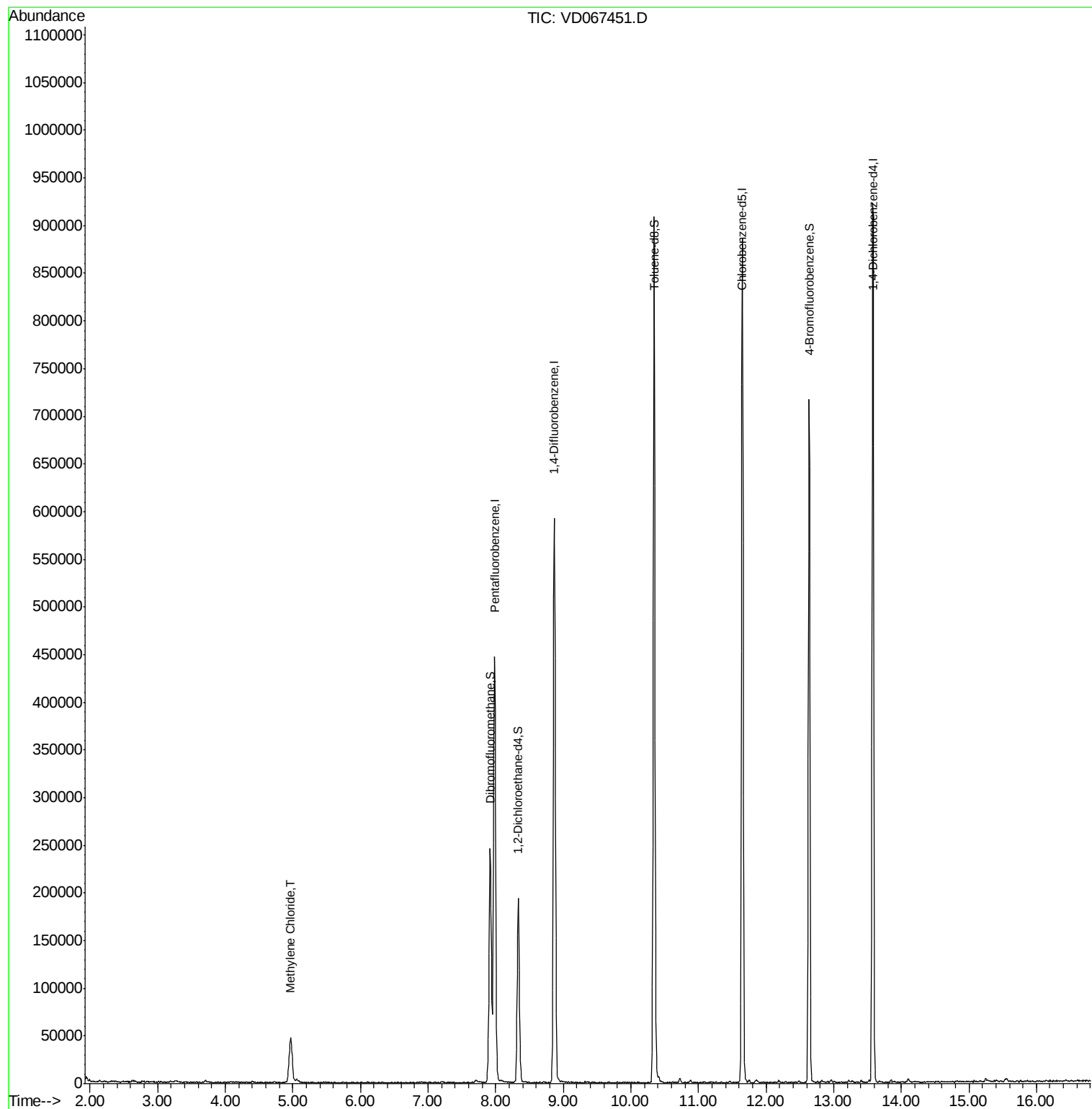
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	337525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	539644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	530235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	164452	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.92	113	171399	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.34	98	631660	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.64	95	228983	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
20) Methylene Chloride	4.96	84	41829	10.218	ug/l	Qvalue 96

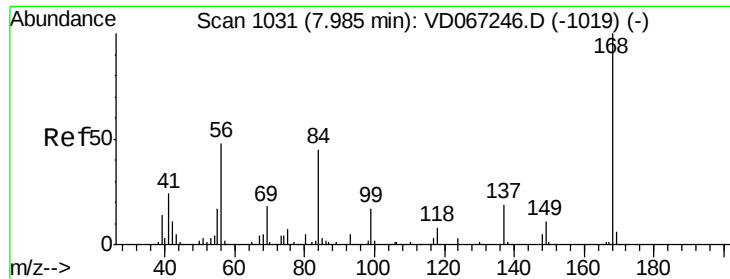
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067451.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

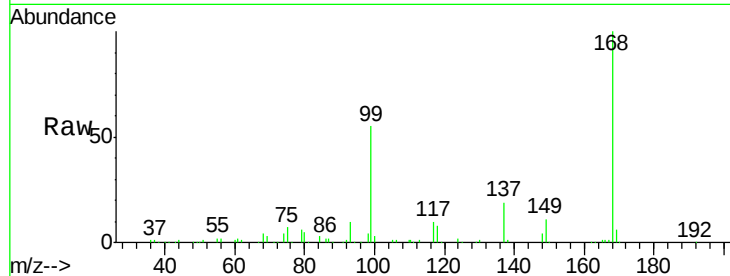
STOCKPILE-LOC3-SO-0003

Tot Ion:168 Resp: 337525

Ion Ratio Lower Upper

168 100

99 54.6 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

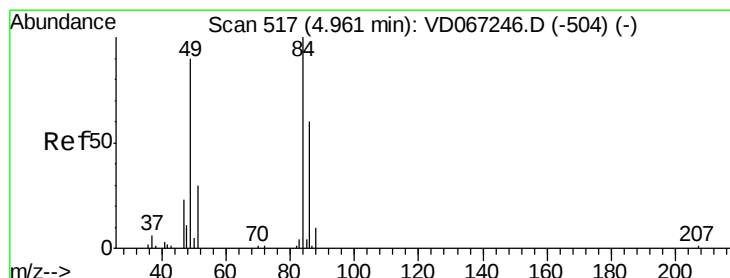
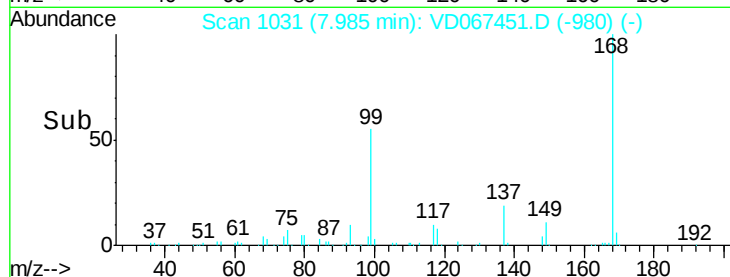
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.218 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067451.D

Acq: 29 Oct 2020 14:51

Tgt Ion: 84 Resp: 41829

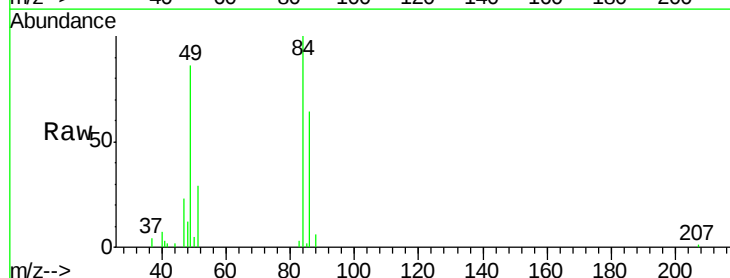
Ion Ratio Lower Upper

84 100

49 86.1 72.2 108.2

51 28.5 23.8 35.8

86 63.9 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

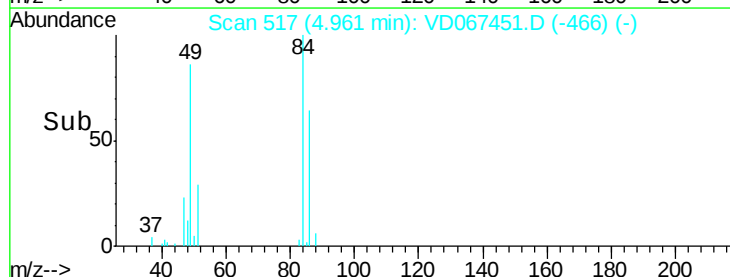
15000

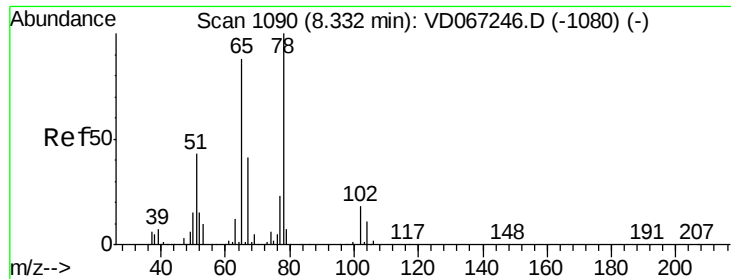
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.633 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067451.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

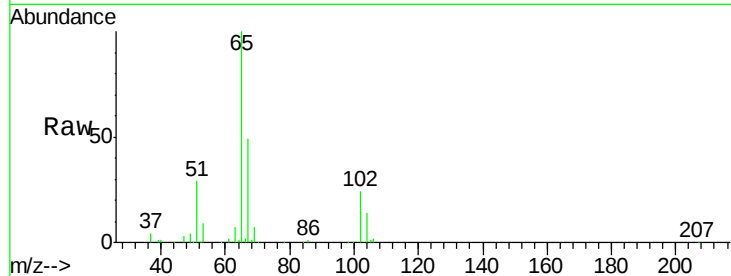
STOCKPILE-LOC3-SO-0003

Tot Ion: 65 Resp: 164452

Ion Ratio Lower Upper

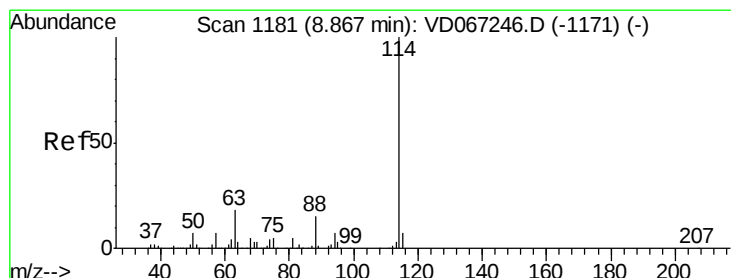
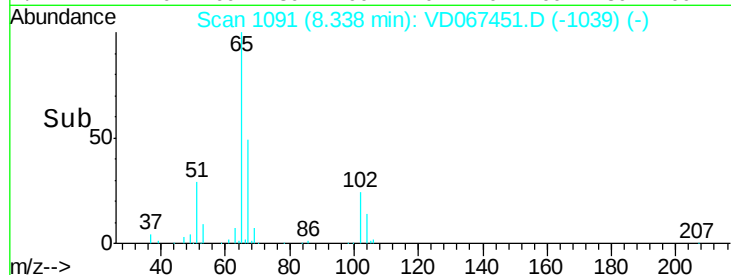
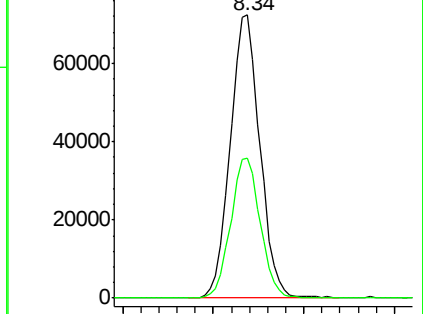
65 100

67 49.4 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: VD067451.D

Acq: 29 Oct 2020 14:51

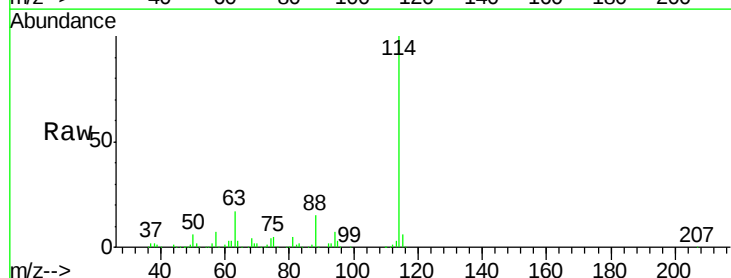
Tgt Ion: 114 Resp: 539644

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

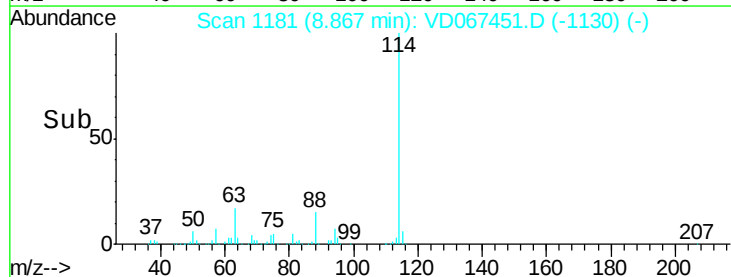
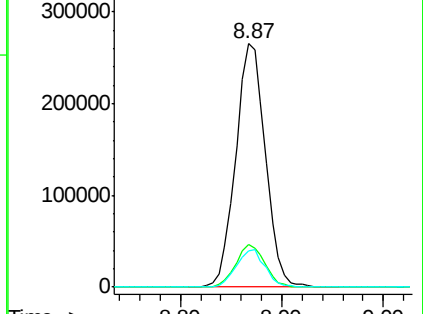
88 15.2 0.0 30.6

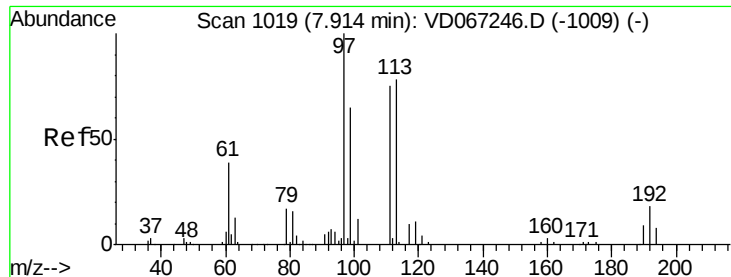


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

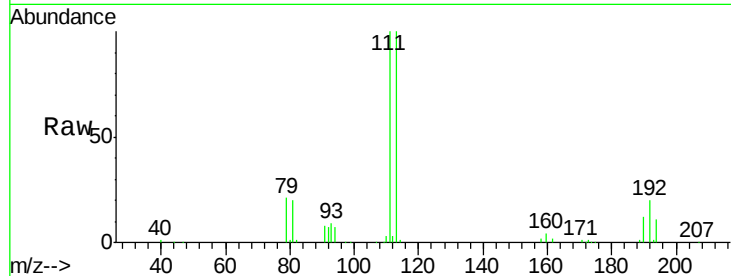




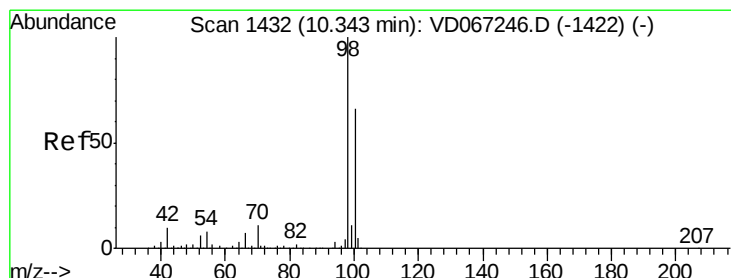
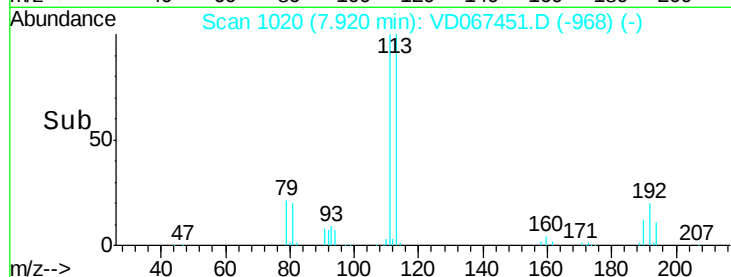
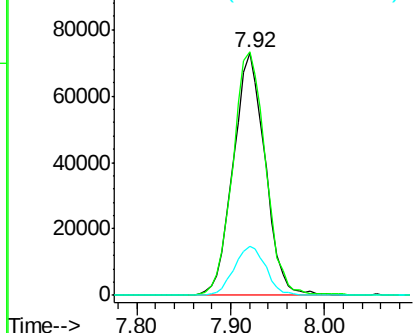
#35
Dibromofluoromethane
Concen: 47.726 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067451.D
Acq: 29 Oct 2020 14:51

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

Tot Ion:113 Resp: 171399
Ion Ratio Lower Upper
113 100
111 103.9 81.6 122.4
192 20.2 17.0 25.4

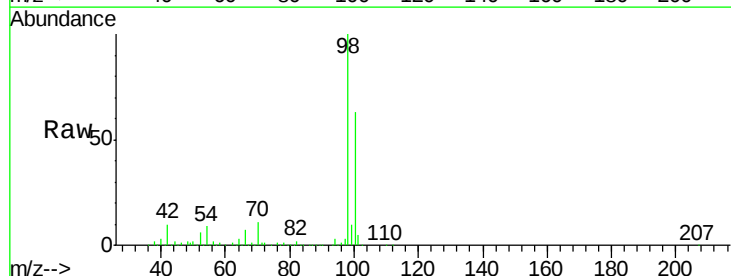


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

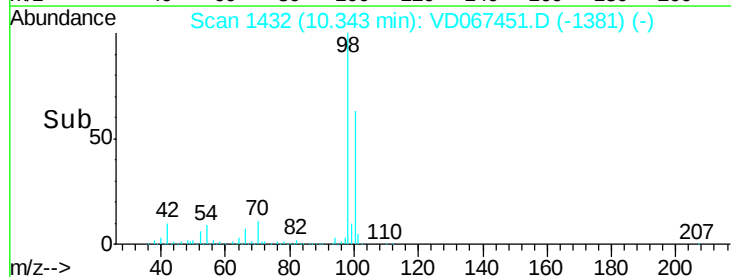
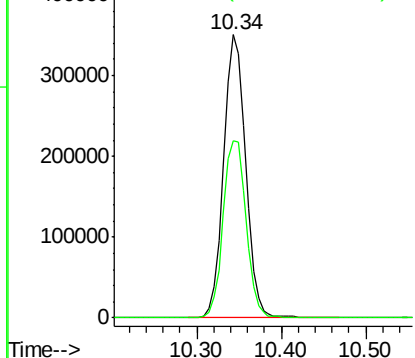


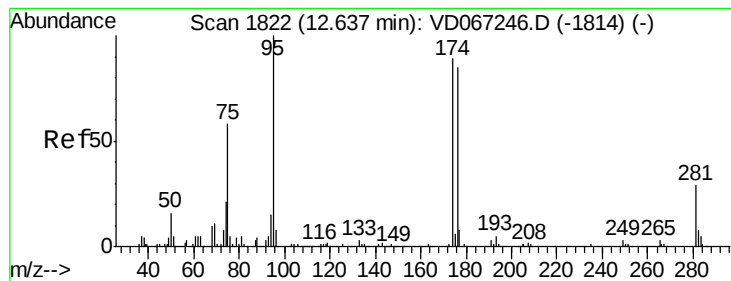
#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067451.D
Acq: 29 Oct 2020 14:51

Tgt Ion: 98 Resp: 631660
Ion Ratio Lower Upper
98 100
100 65.4 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: 50.668 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067451.D

Acq: 29 Oct 2020 14:51

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC3-SO-0003

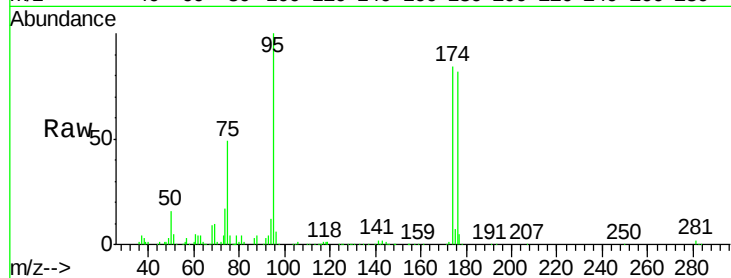
Tot Ion: 95 Resp: 228983

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.2

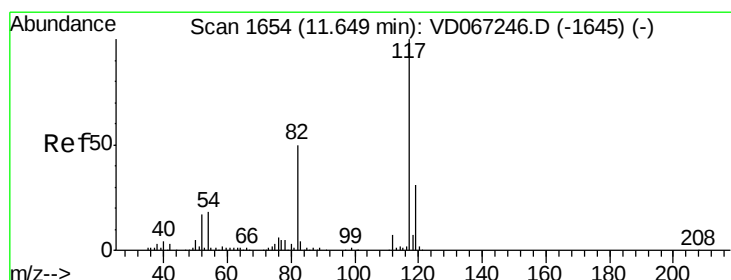
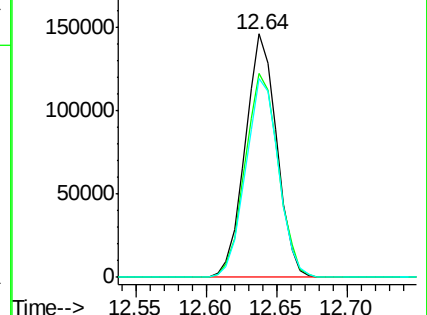
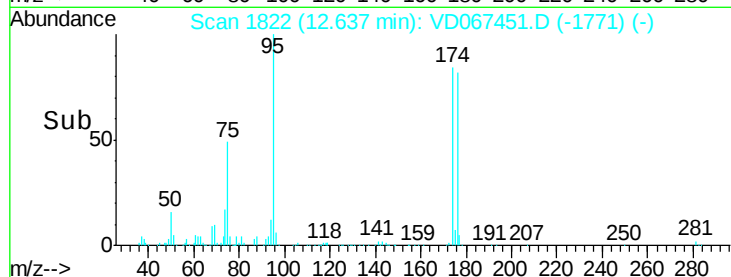
176 84.9 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067451.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD067451.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD067451.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067451.D

Acq: 29 Oct 2020 14:51

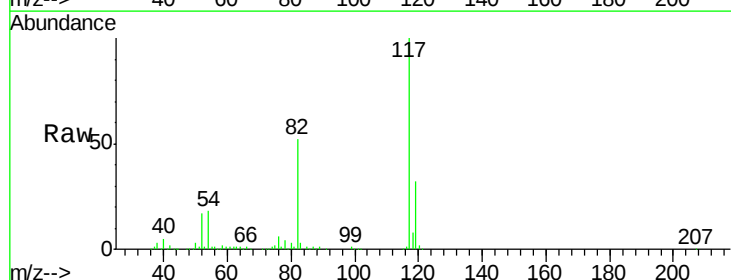
Tgt Ion: 117 Resp: 530235

Ion Ratio Lower Upper

117 100

82 52.3 39.9 59.9

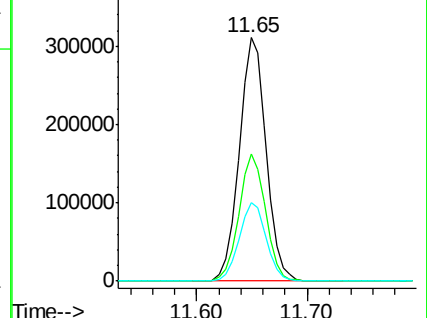
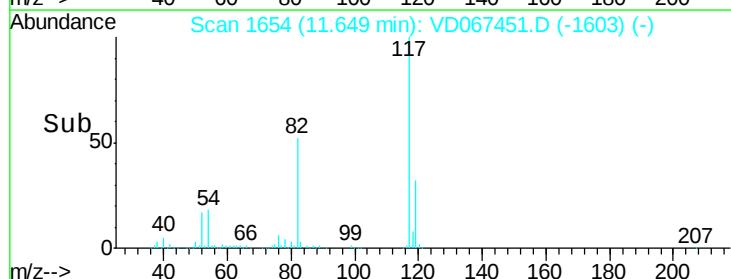
119 32.4 24.9 37.3

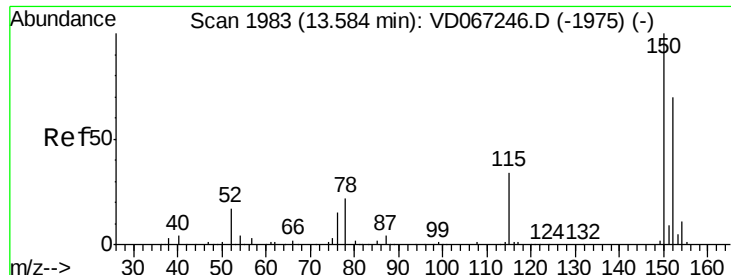


Abundance Ion 116.90 (116.60 to 117.60): VD067451.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD067451.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD067451.D (-1603) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD067451.D
 Acq: 29 Oct 2020 14:51

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

Tot Ion:	152	Resp:	259265
Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	87.9
150	157.9	0.0	339.0

