

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067465.D
 Acq On : 30 Oct 2020 11:38
 Operator : VA/SY
 Sample : L4561-01
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 30 11:27:15 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

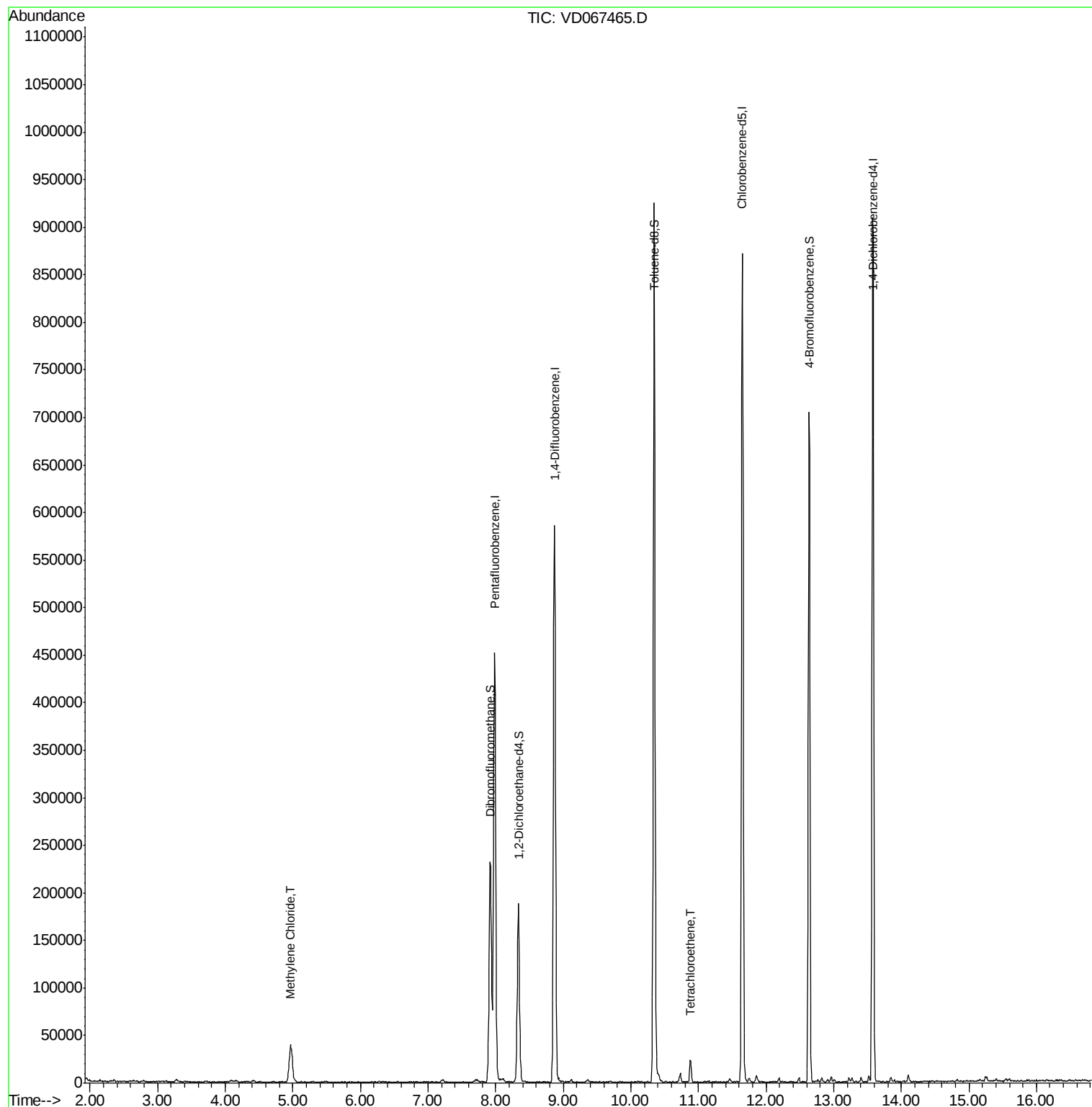
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	345407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	159615	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	7.92	113	169631	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	10.34	98	642273	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.64	95	225847	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
20) Methylene Chloride	4.97	84	34409	7.246	ug/l	87
64) Tetrachloroethene	10.88	164	5759	1.495	ug/l #	85

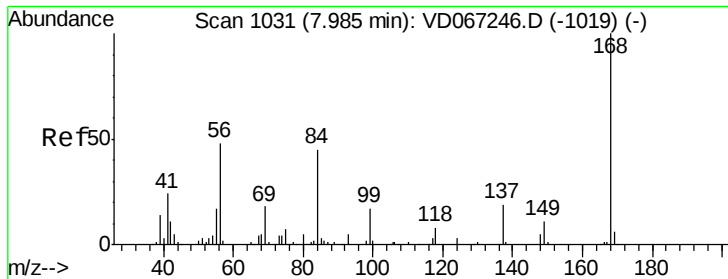
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067465.D

Acq: 30 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

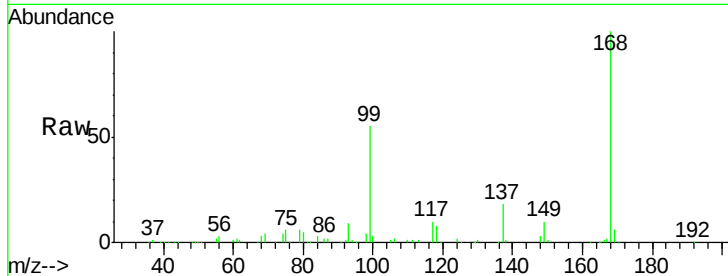
STOCKPILE-LOC1-SO-0001

Tot Ion:168 Resp: 345407

Ion Ratio Lower Upper

168 100

99 54.5 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

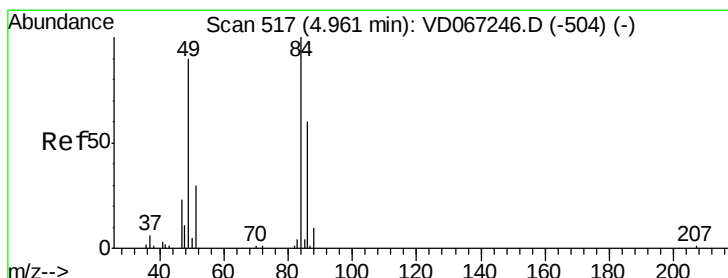
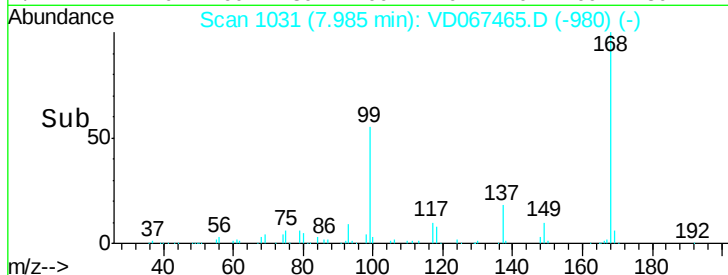
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.246 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067465.D

Acq: 30 Oct 2020 11:38

Tgt Ion: 84 Resp: 34409

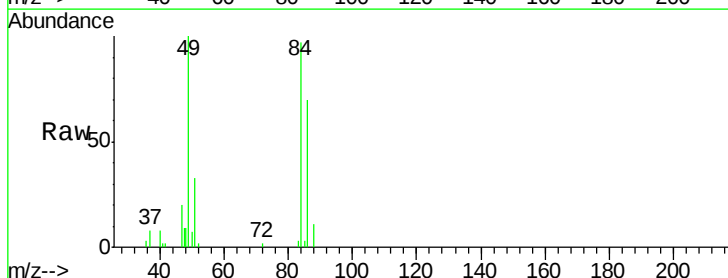
Ion Ratio Lower Upper

84 100

49 103.0 72.2 108.2

51 33.9 23.8 35.8

86 72.2 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

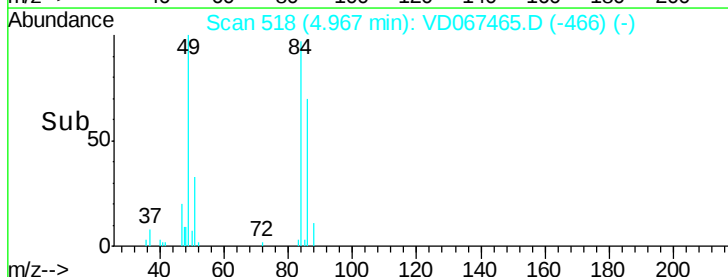
15000

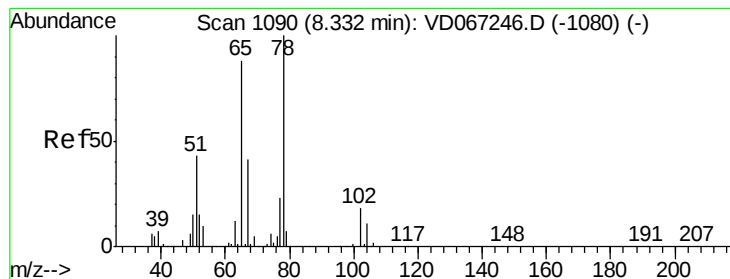
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.125 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067465.D

Acq: 30 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

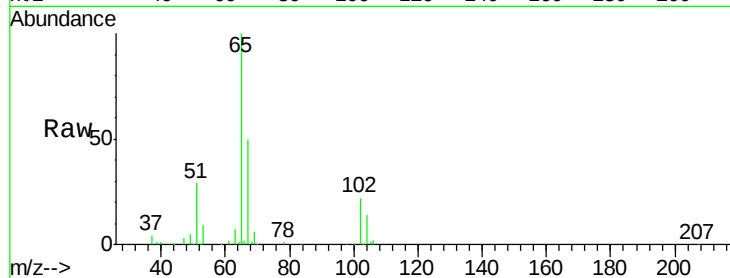
STOCKPILE-LOC1-SO-0001

Tot Ion: 65 Resp: 159615

Ion Ratio Lower Upper

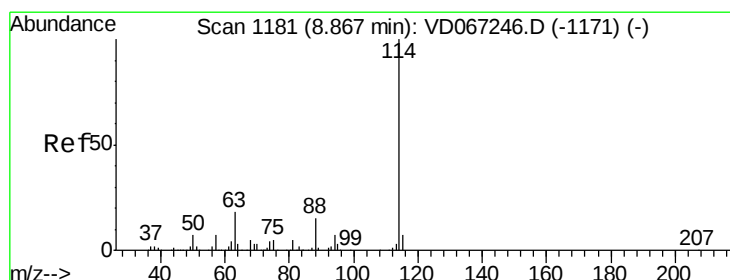
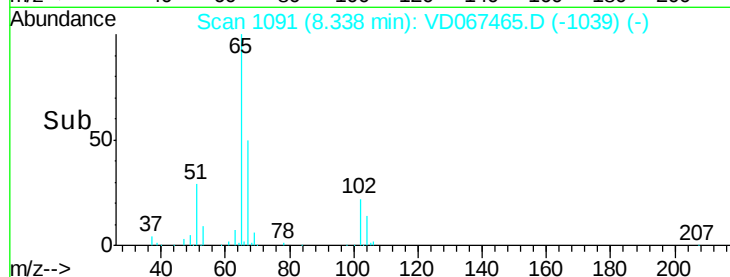
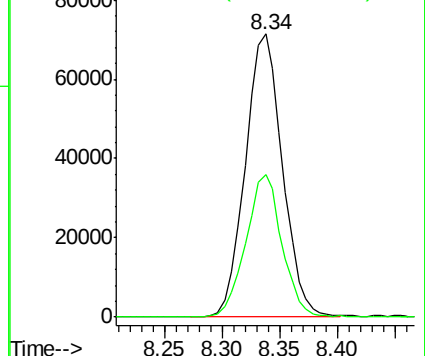
65 100

67 49.0 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# 1182

Delta R.T. 0.01 min

Lab File: VD067465.D

Acq: 30 Oct 2020 11:38

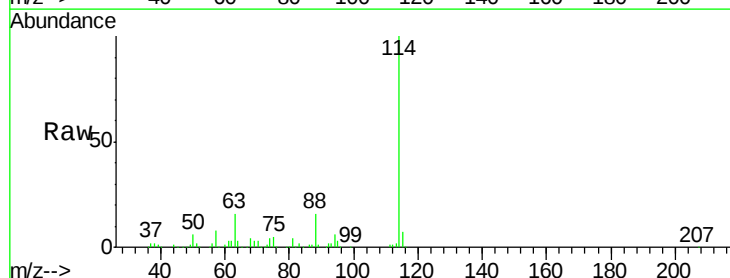
Tgt Ion: 114 Resp: 545812

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

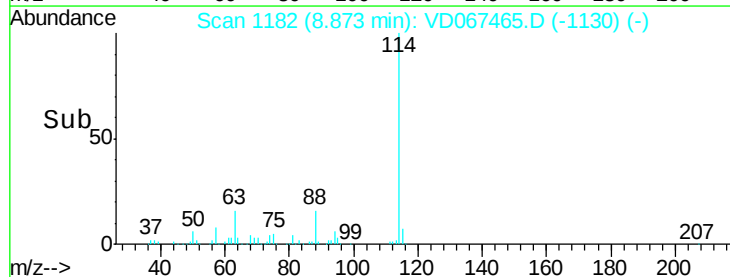
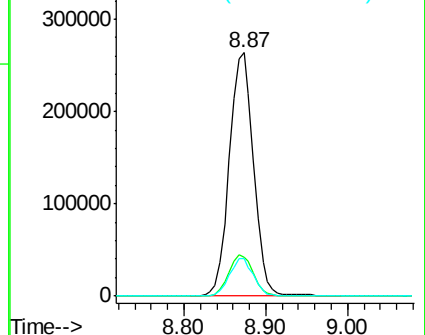
88 15.5 0.0 30.6

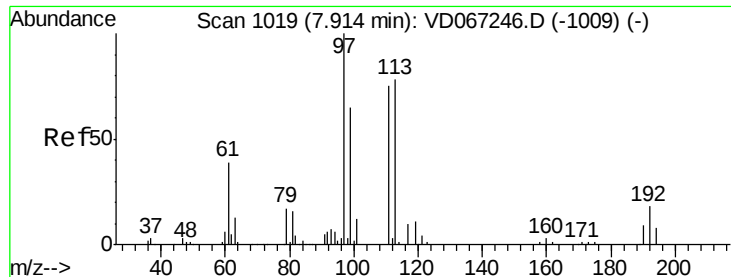


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

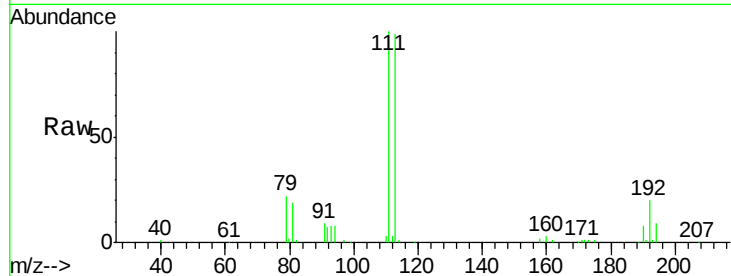




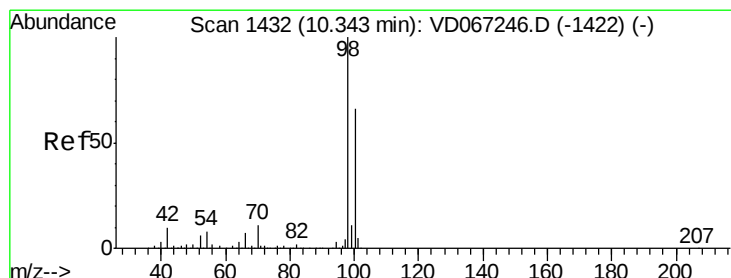
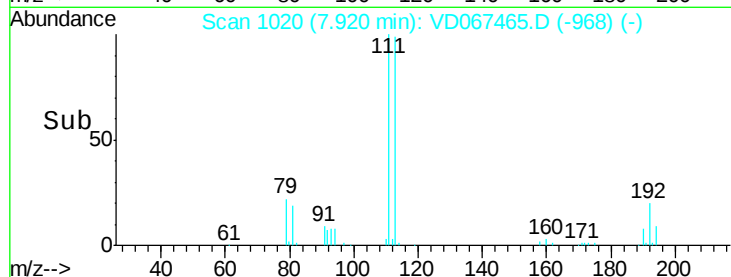
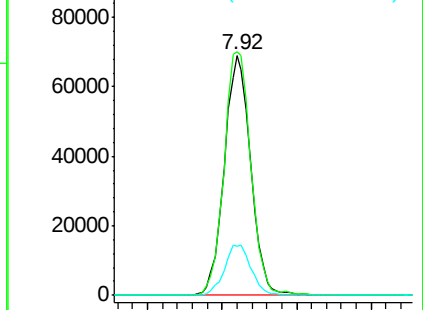
#35
 Dibromofluoromethane
 Concen: 46.700 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067465.D
 Acq: 30 Oct 2020 11:38

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

Tot Ion:113 Resp: 169631
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 21.1 17.0 25.4

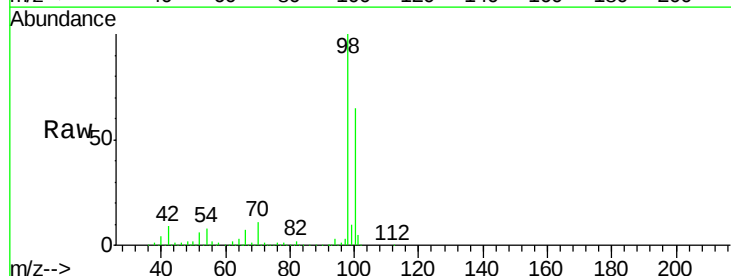


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

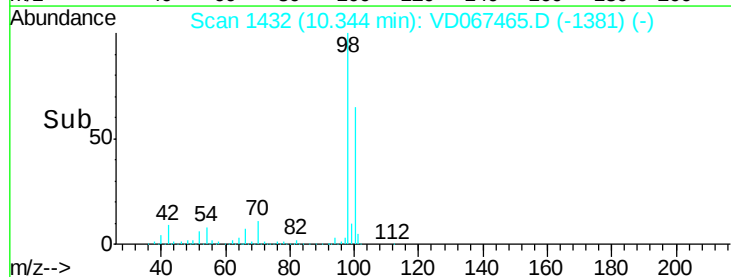
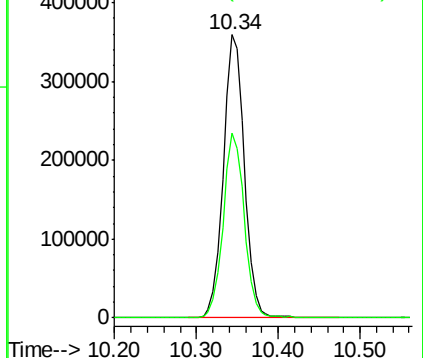


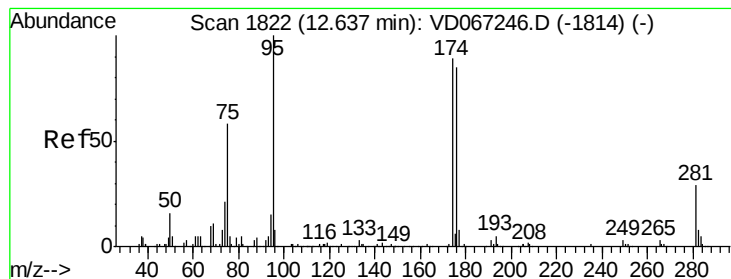
#50
 Toluene-d8
 Concen: 48.860 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067465.D
 Acq: 30 Oct 2020 11:38

Tgt Ion: 98 Resp: 642273
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.410 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067465.D

Acq: 30 Oct 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-LOC1-SO-0001

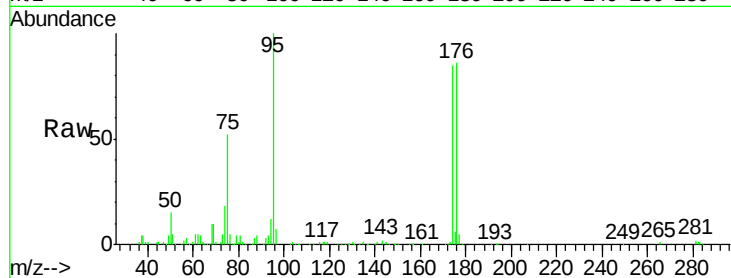
Tot Ion: 95 Resp: 225847

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

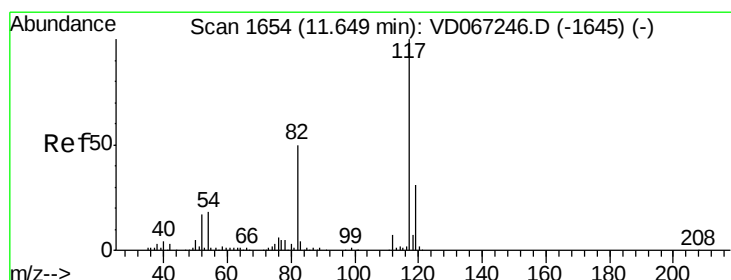
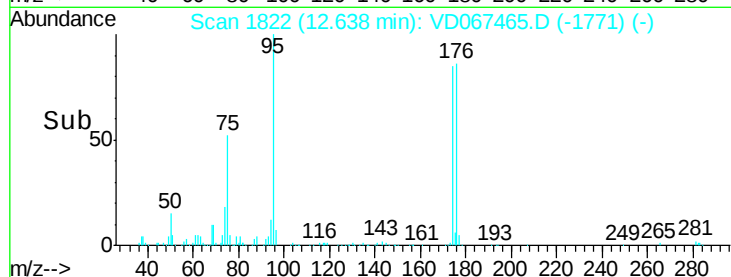
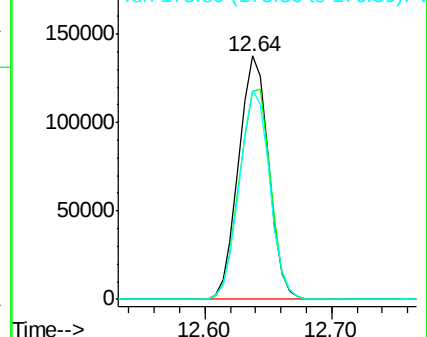
176 86.7 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067465.D

Acq: 30 Oct 2020 11:38

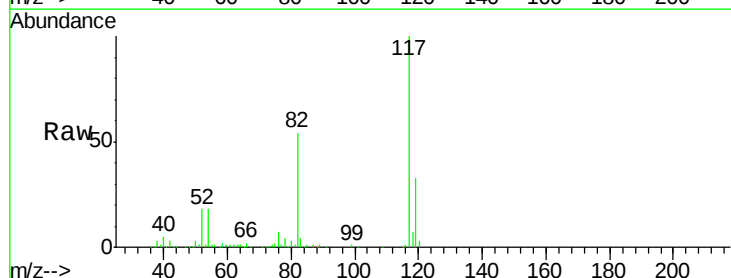
Tgt Ion: 117 Resp: 531721

Ion Ratio Lower Upper

117 100

82 53.5 39.9 59.9

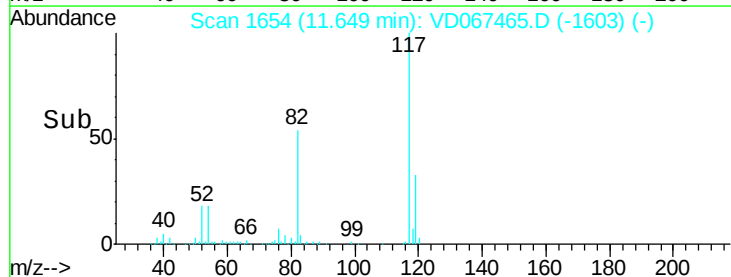
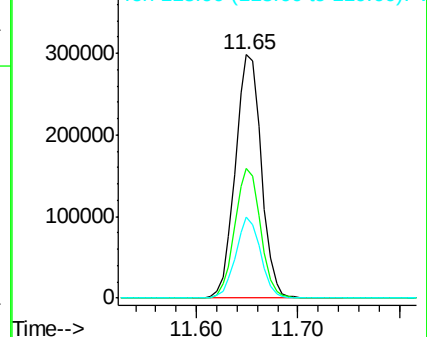
119 33.5 24.9 37.3

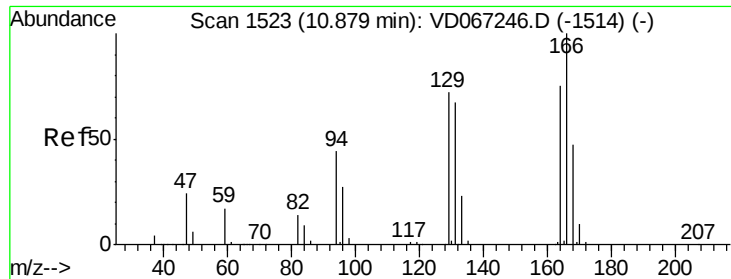


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

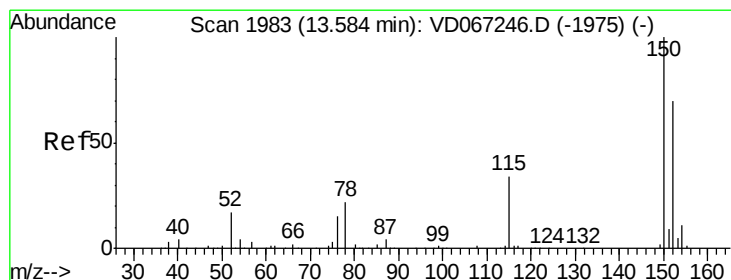
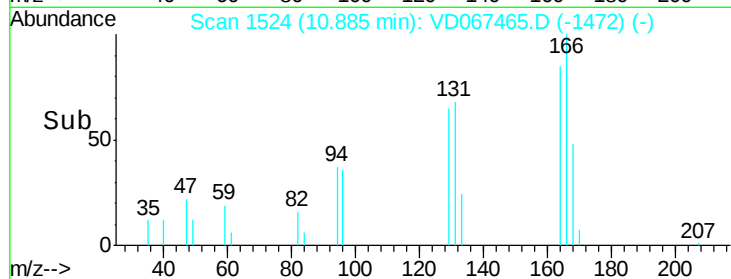
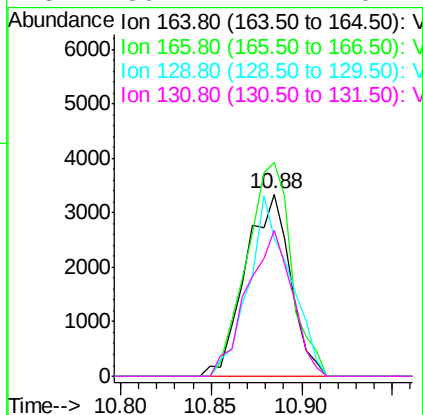
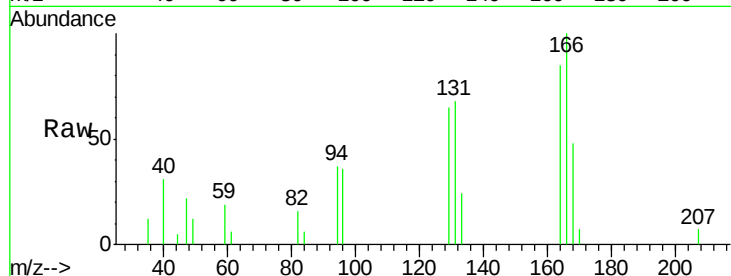




#64
Tetrachloroethene
Concen: 1.495 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067465.D
Acq: 30 Oct 2020 11:38

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

Tot Ion:164 Resp: 5759
Ion Ratio Lower Upper
164 100
166 117.4 107.3 160.9
129 75.8 77.3 115.9#
131 80.4 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: VD067465.D
Acq: 30 Oct 2020 11:38

Tgt Ion:152 Resp: 265553
Ion Ratio Lower Upper
152 100
115 57.9 29.3 87.9
150 156.5 0.0 339.0

