

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 12:28:08 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

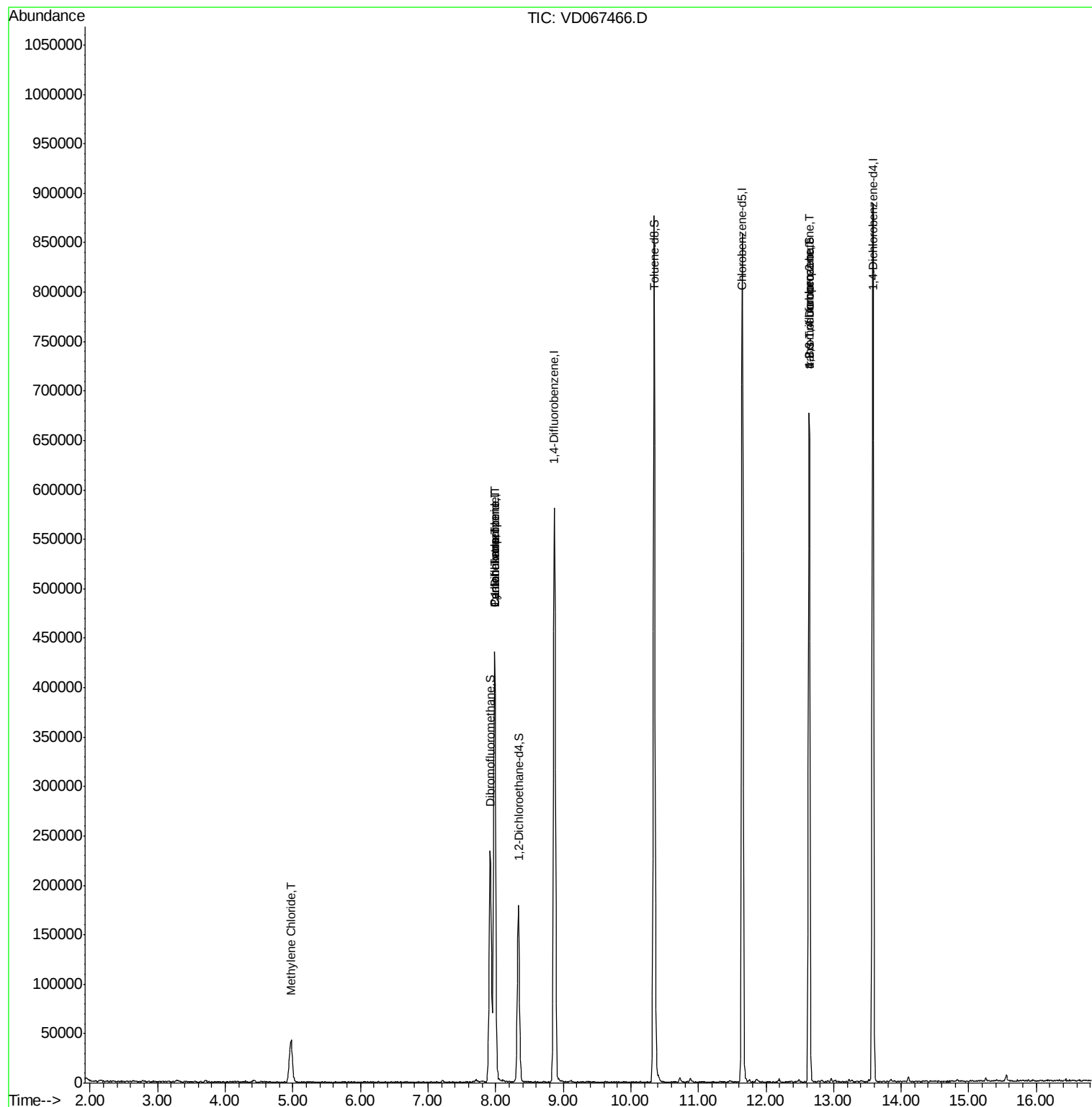
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	444	Below Cal	#	44
5) Bromomethane	2.79	94	520	Below Cal	#	69
20) Methylene Chloride	4.98	84	36495	8.632	ug/l	97
31) Cyclohexane	7.98	56	7217	1.902	ug/l #	26
36) 1,1-Dichloropropene	7.98	75	22446	5.044	ug/l #	48
38) Carbon Tetrachloride	7.98	117	31293	5.502	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	113606	64.173	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	113606	145.526	ug/l #	10

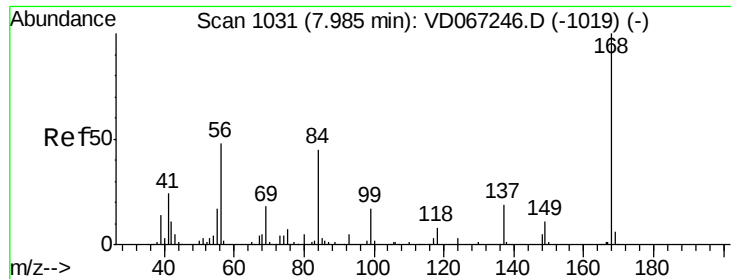
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STOCKPILE-LOC2-SO-0002

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
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: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

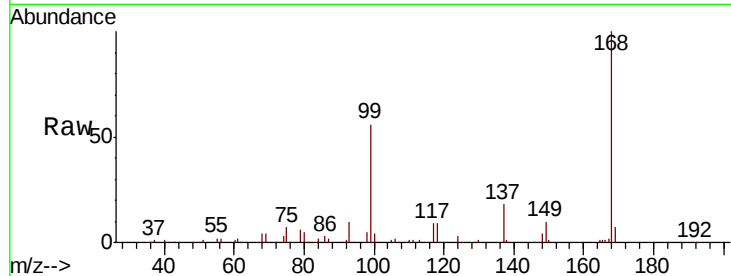
STOCKPILE-LOC2-SO-0002

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

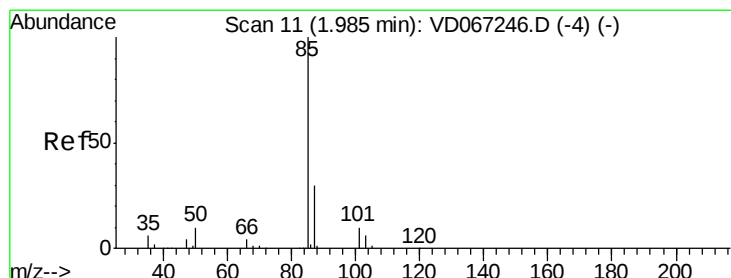
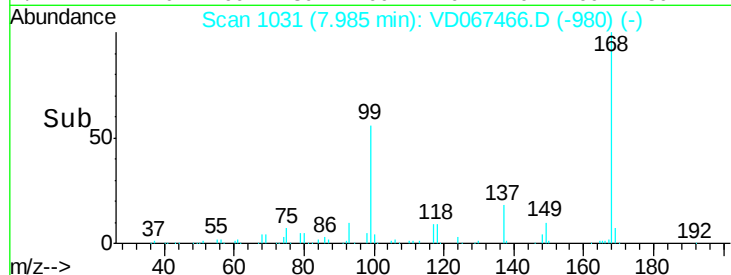
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067466.D

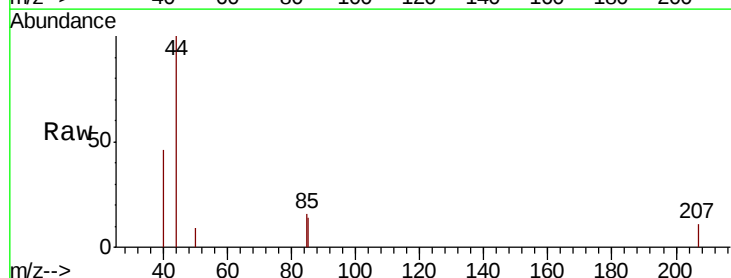
Acq: 30 Oct 2020 12:06

Tgt Ion: 85 Resp: 444

Ion Ratio Lower Upper

85 100

87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

600

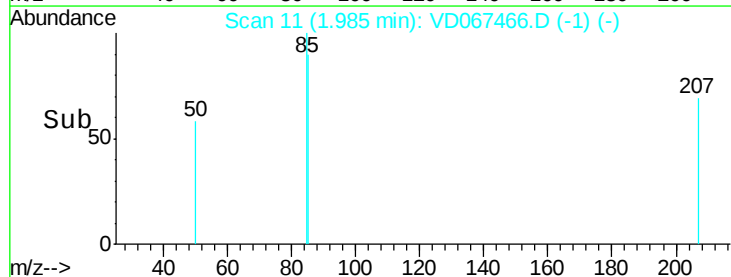
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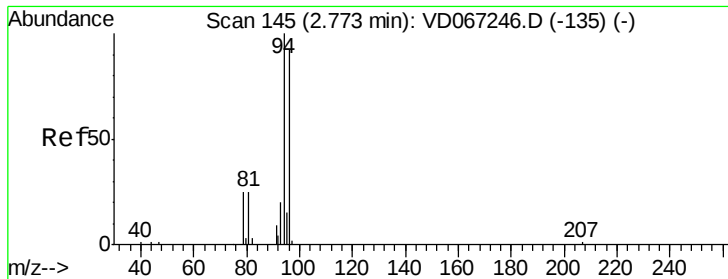
200

0

Time-->

1.96 1.98 2.00 2.02





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

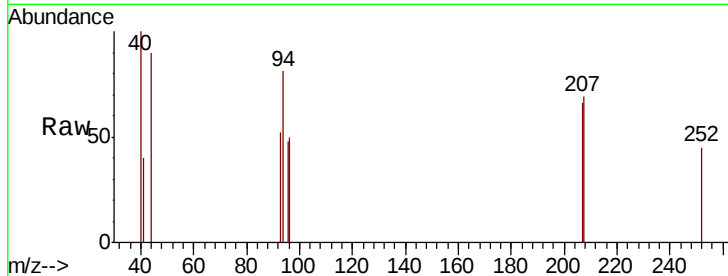
STOCKPILE-LOC2-SO-0002

Tot Ion: 94 Resp: 520

Ion Ratio Lower Upper

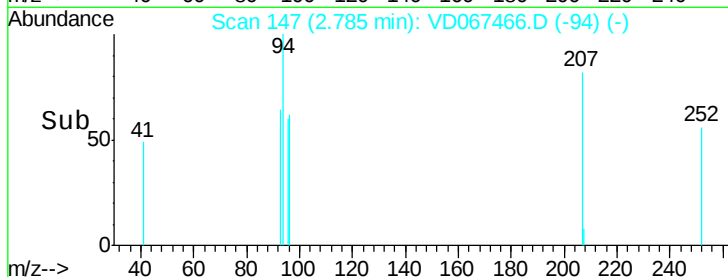
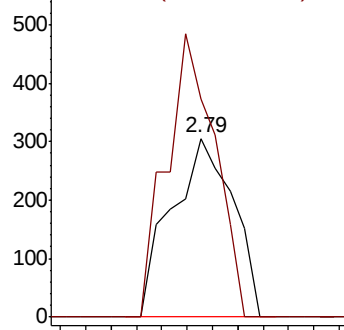
94 100

96 122.2 73.8 110.6#

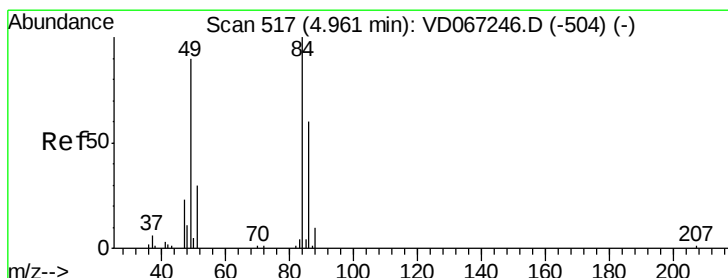


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



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

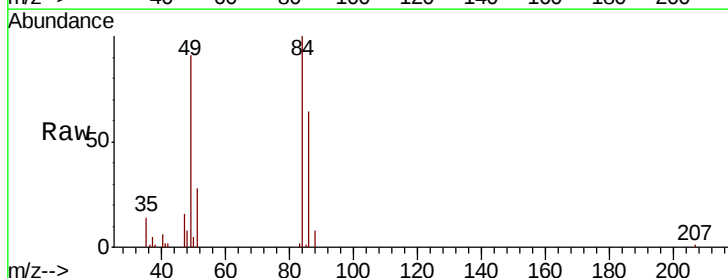
Ion Ratio Lower Upper

84 100

49 91.3 72.2 108.2

51 28.4 23.8 35.8

86 64.4 48.2 72.4

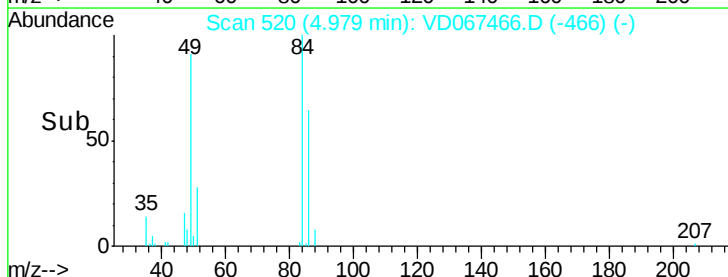
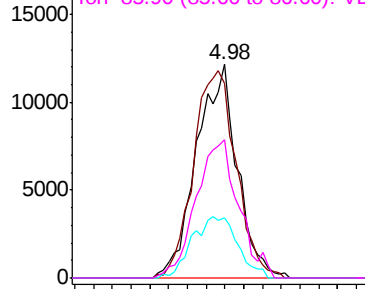


Abundance Ion 83.90 (83.60 to 84.60): VDC

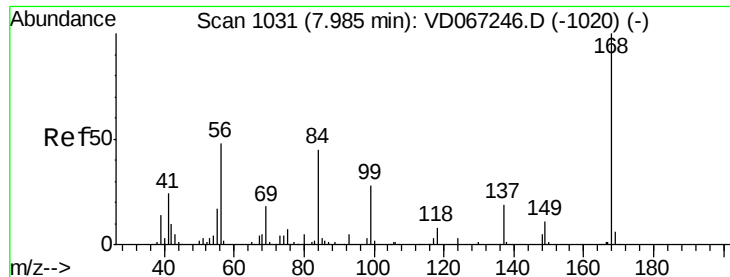
Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



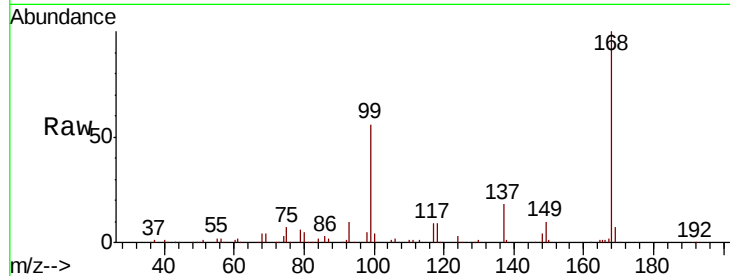
Time-->



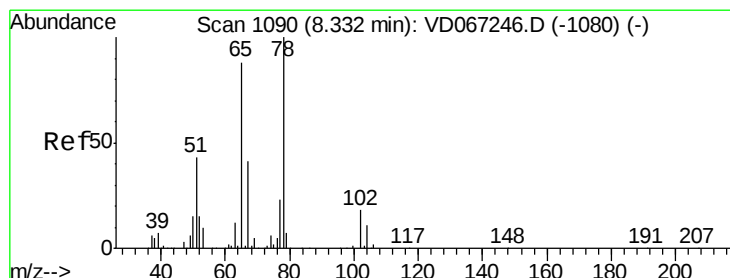
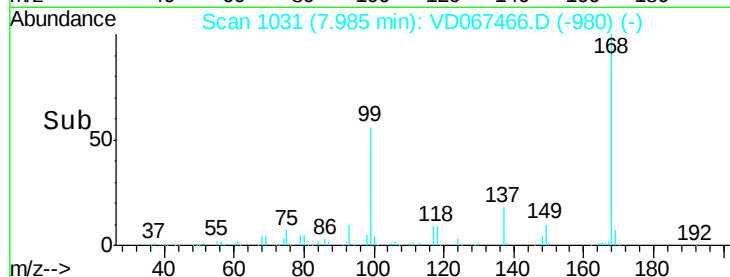
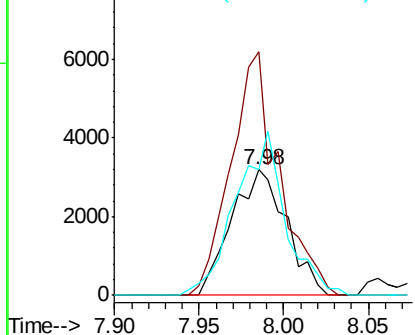
#31
Cyclohexane
Concen: 1.902 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067466.D
Acq: 30 Oct 2020 12:06

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

Tot Ion: 56 Resp: 7217
Ion Ratio Lower Upper
56 100
69 193.8 29.8 44.6#
84 95.4 76.6 114.8

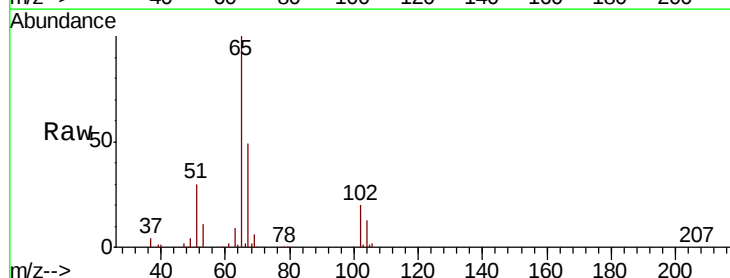


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

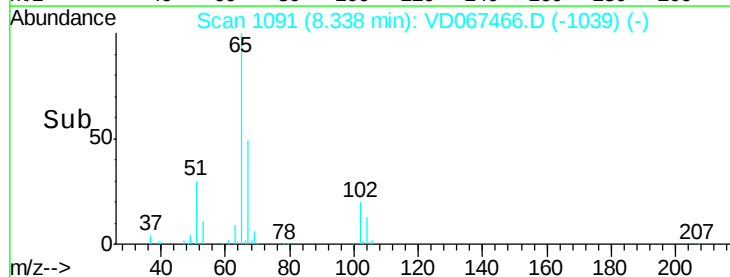
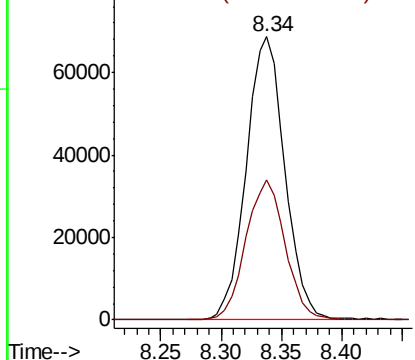


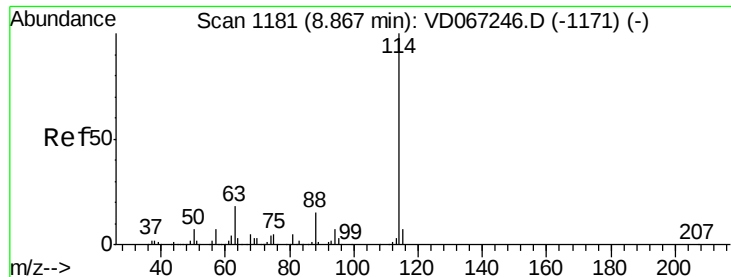
#33
1,2-Dichloroethane-d4
Concen: 46.224 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067466.D
Acq: 30 Oct 2020 12:06

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



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

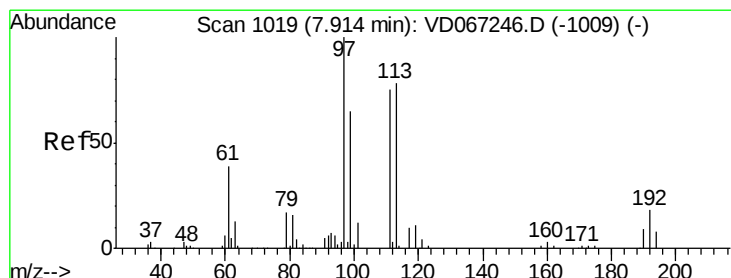
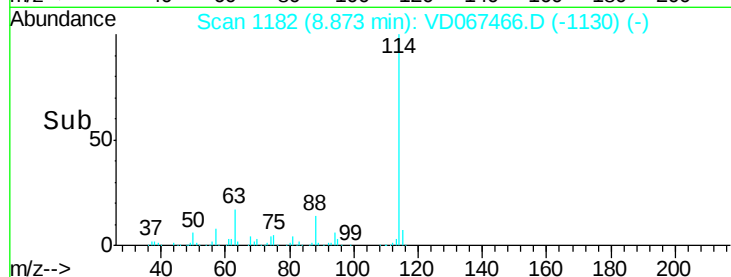
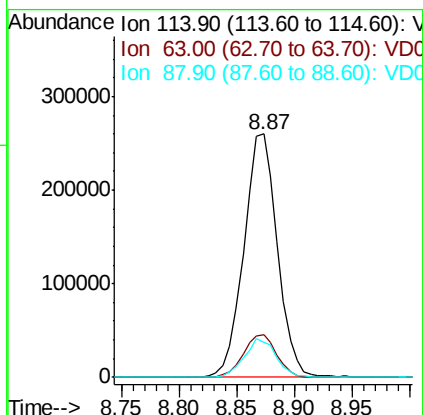
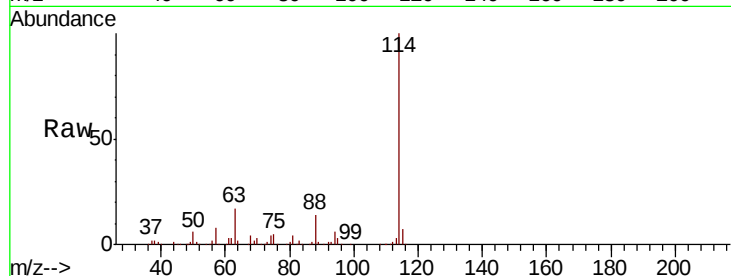




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

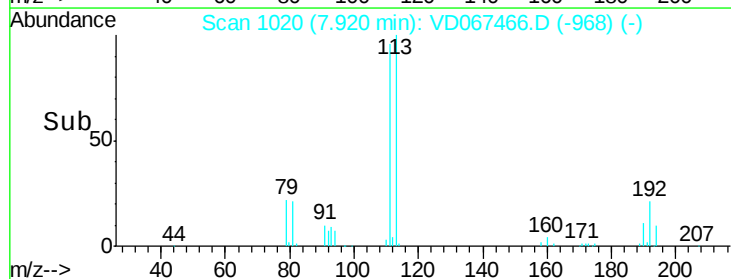
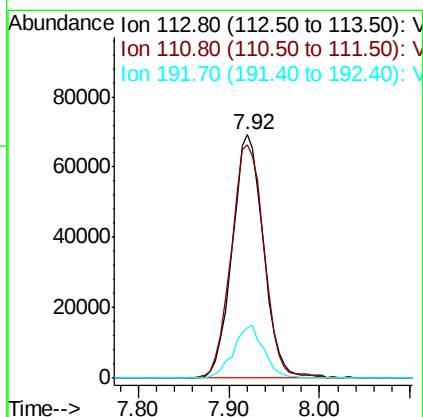
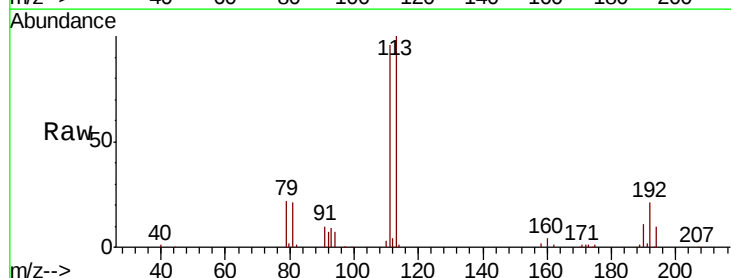
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

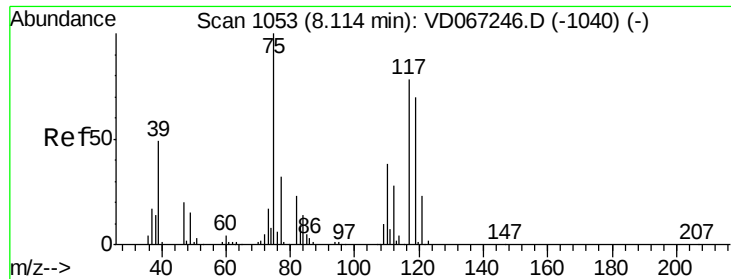
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.0
88	14.4	0.0	30.6



#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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.6	122.4
192	20.9	17.0	25.4

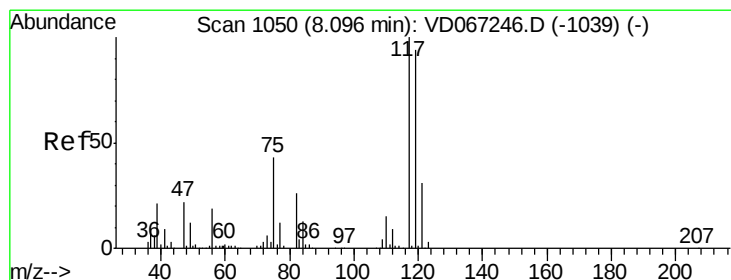
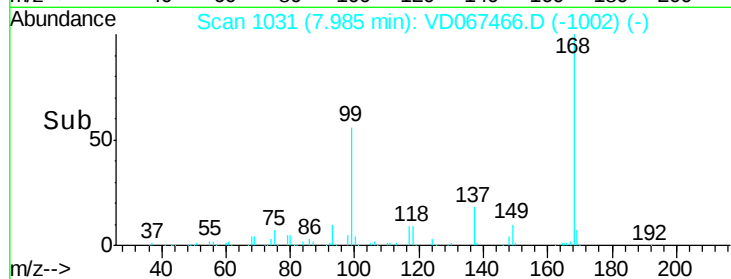
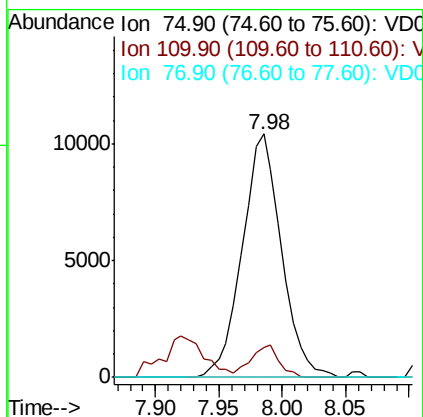
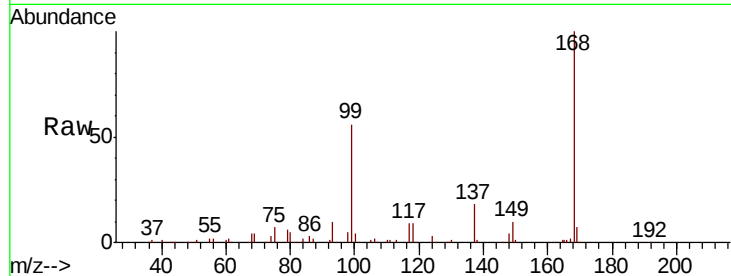




#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

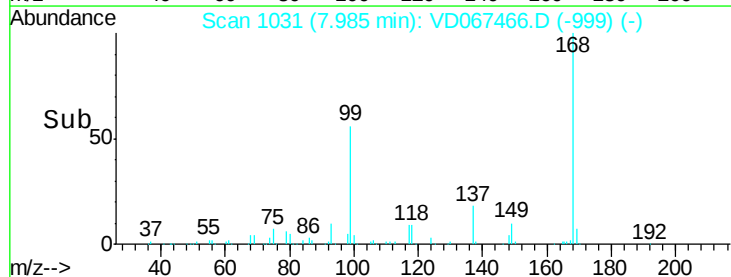
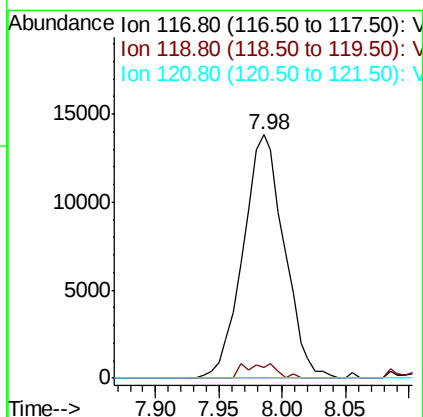
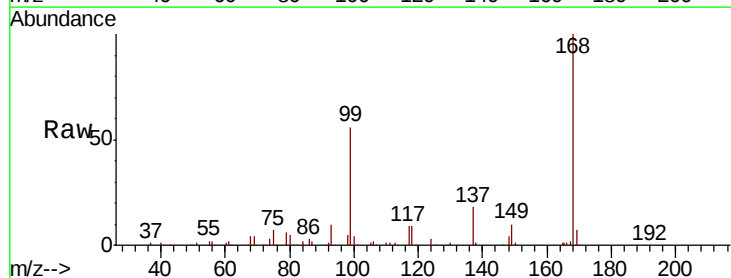
Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

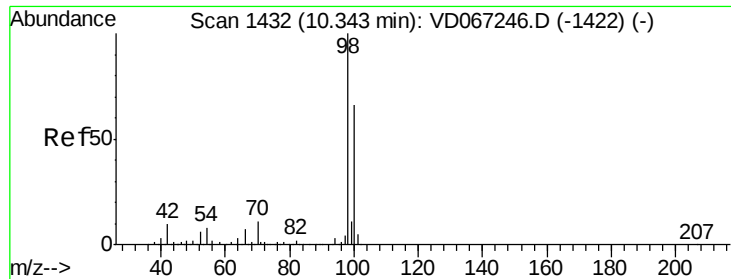
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.6	58.7#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.502 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD067466.D
 Acq: 30 Oct 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.0	112.4#
121	0.0	24.9	37.3#





#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

Instrument :

MSVOA_D

ClientSampleId :

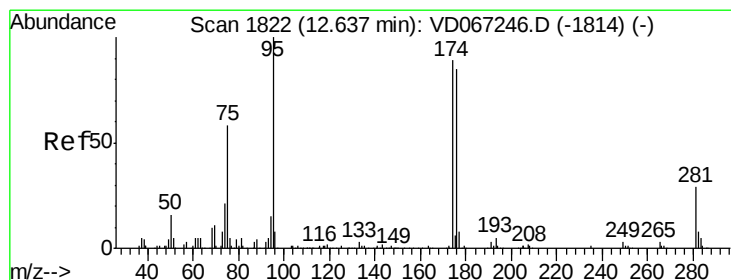
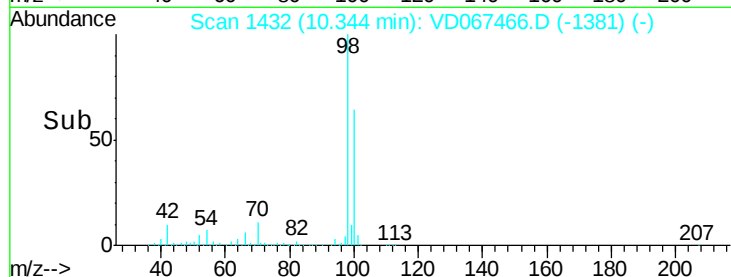
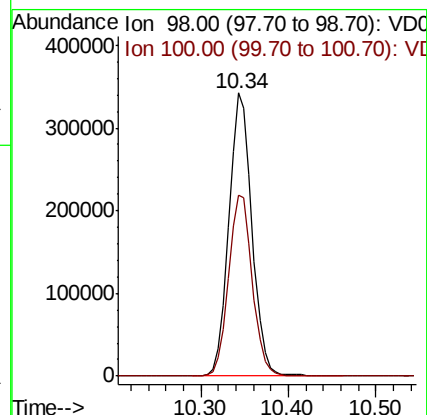
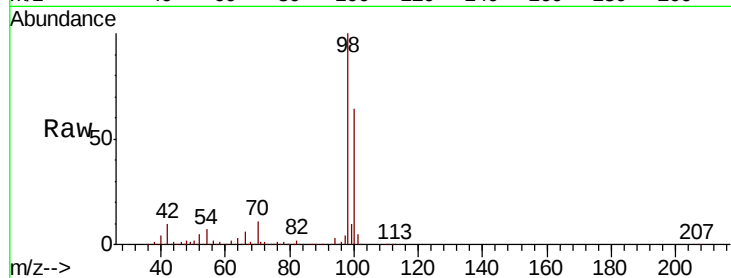
STOCKPILE-LOC2-SO-0002

Tot 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

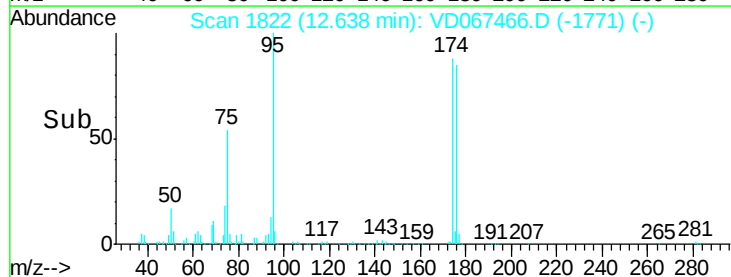
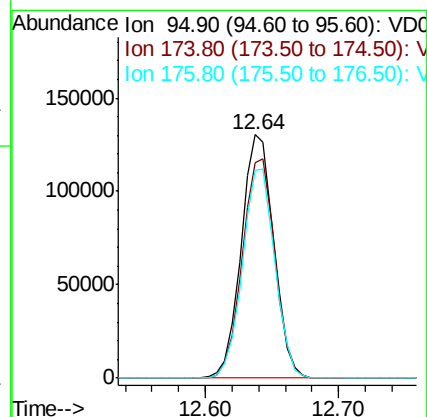
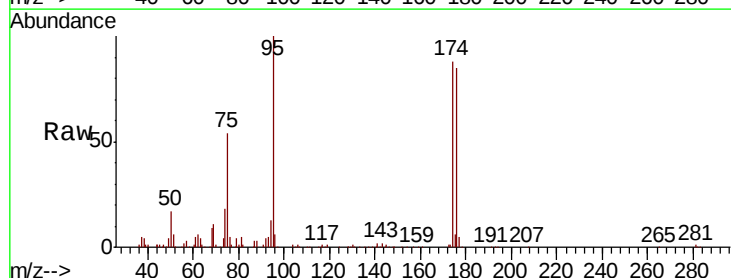
Tgt Ion: 95 Resp: 219199

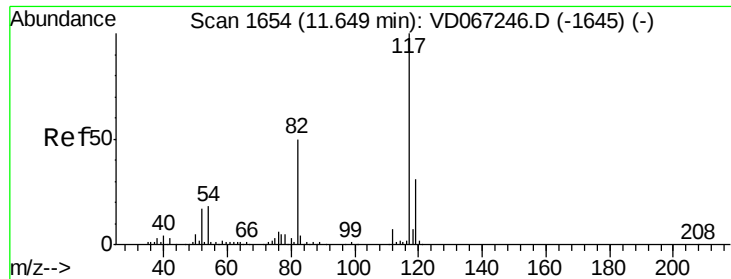
Ion Ratio Lower Upper

95 100

174 90.4 0.0 175.2

176 85.6 0.0 168.6

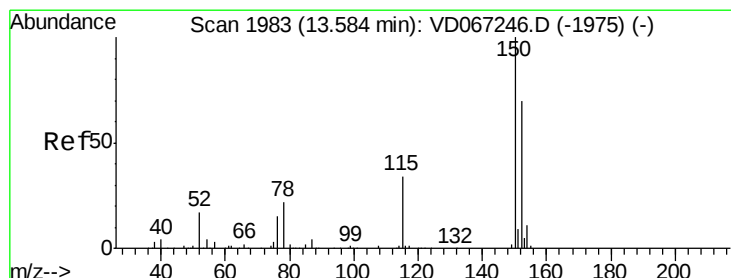
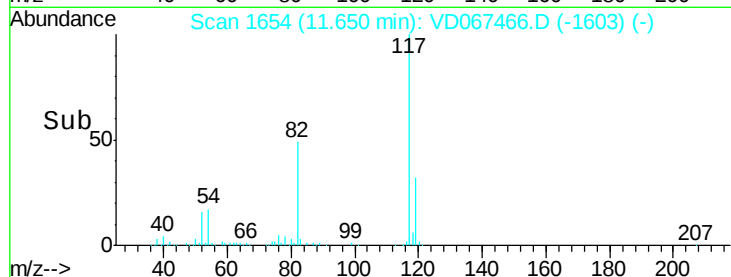
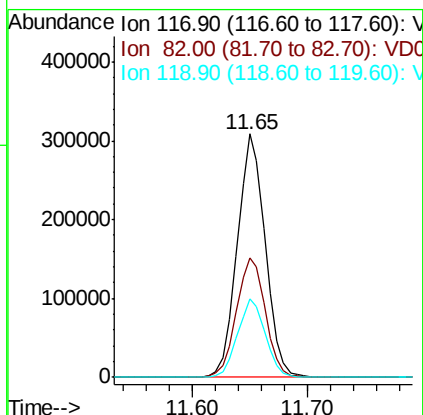
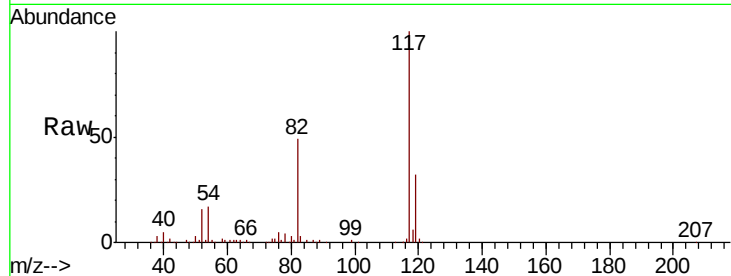




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067466.D
Acq: 30 Oct 2020 12:06

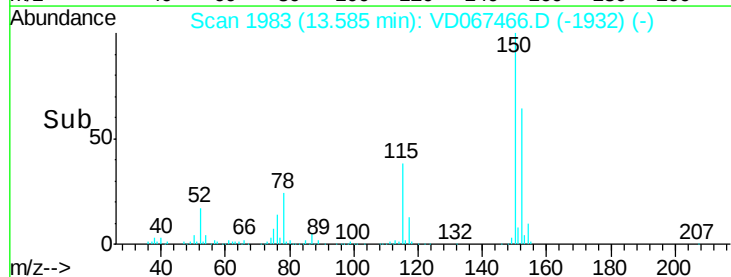
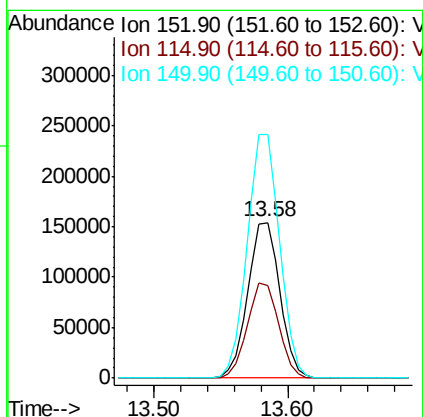
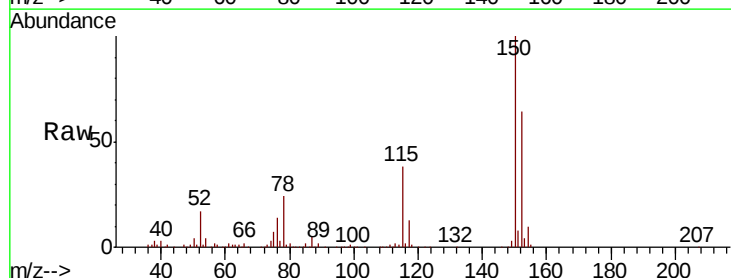
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-LOC2-SO-0002

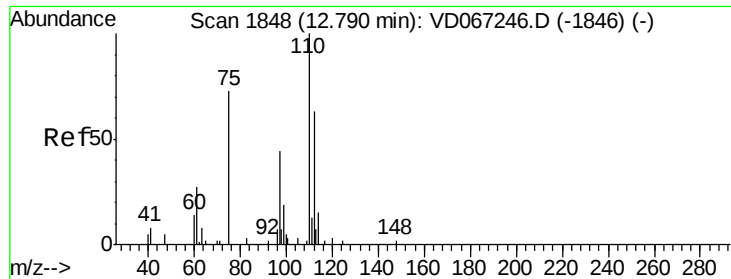
Tot Ion:117 Resp: 517260
Ion Ratio Lower Upper
117 100
82 48.9 39.9 59.9
119 32.4 24.9 37.3



#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

Tgt Ion:152 Resp: 255420
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 157.7 0.0 339.0





#76

1,2,3-Trichloropropane

Concen: 64.173 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

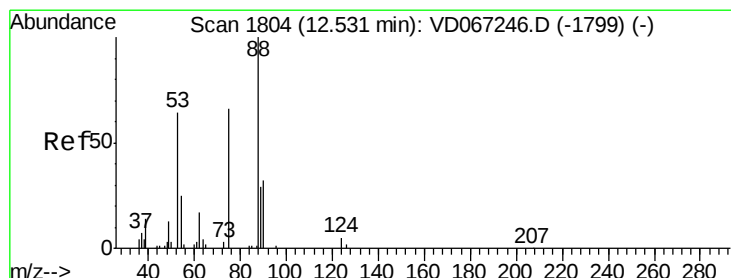
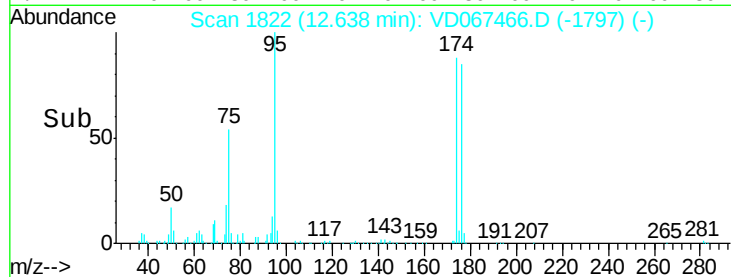
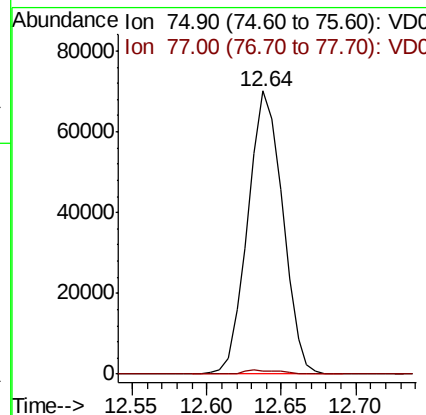
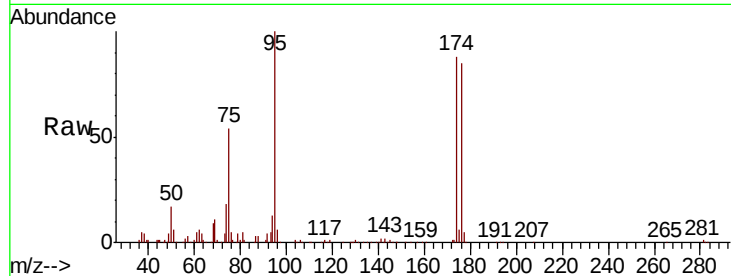
STOCKPILE-LOC2-SO-0002

Tot Ion: 75 Resp: 113606

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.526 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067466.D

Acq: 30 Oct 2020 12:06

Tgt Ion: 75 Resp: 113606

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 39.9 59.9#

