

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074967.D
 Acq On : 17 Nov 2022 14:07
 Operator : VA/SY
 Sample : N5642-01RE
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-21RE

Quant Time: Nov 17 22:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

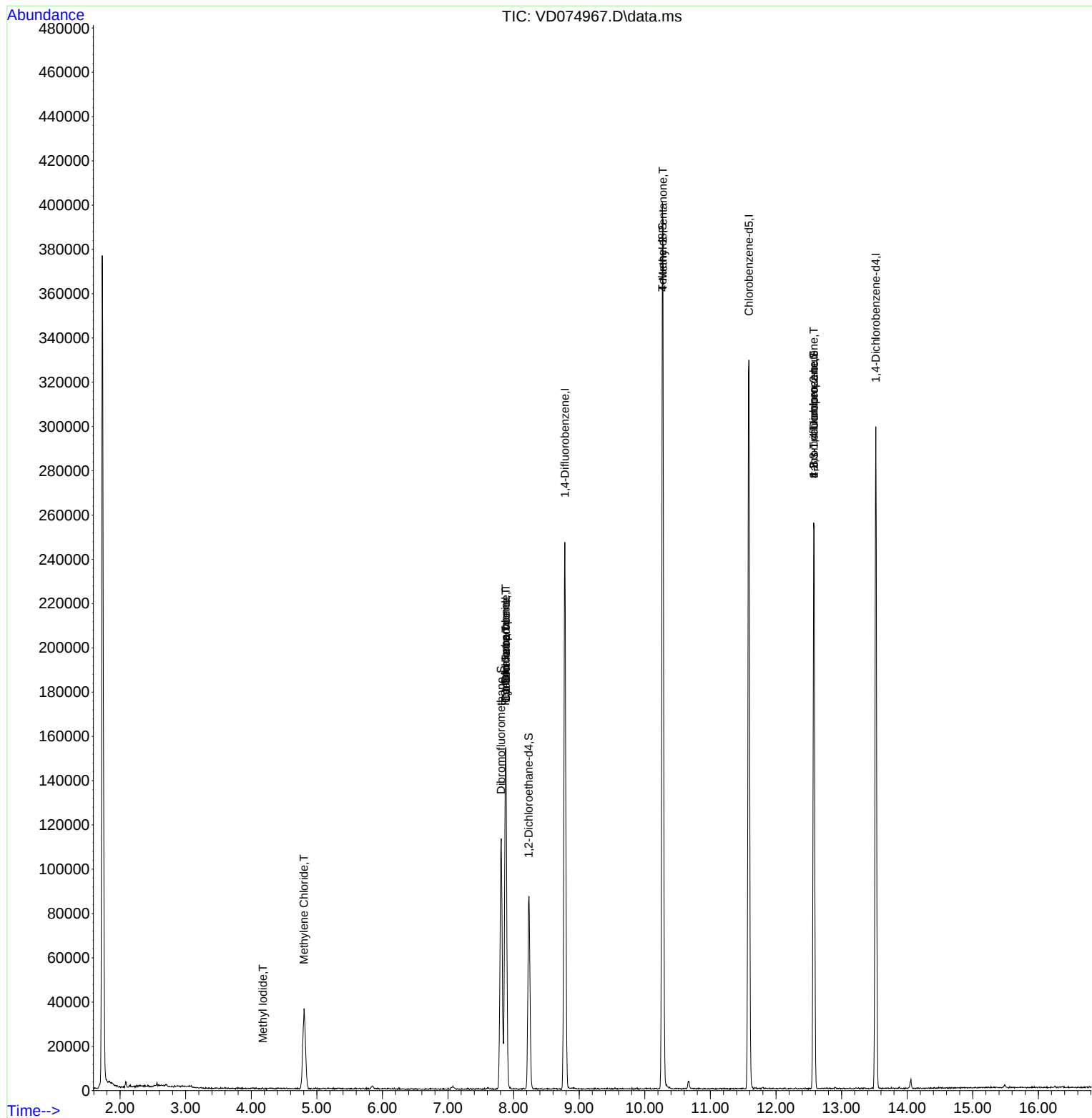
Internal Standards						
1) Pentafluorobenzene	7.875	168	129002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	215800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69210	84.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.740%#	
35) Dibromofluoromethane	7.810	113	82800	57.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.480%	
50) Toluene-d8	10.269	98	292400	61.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.720%	
62) 4-Bromofluorobenzene	12.575	95	80227	54.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.660%	
Target Compounds						
3) Chloromethane	2.146	50	390	Below Cal	#	37
5) Bromomethane	2.705	94	641	Below Cal		95
10) Methyl Iodide	4.175	142	115	4.835	ug/l #	43
20) Methylene Chloride	4.805	84	30288	4.759	ug/l	94
31) Cyclohexane	7.881	56	2542	1.352	ug/l #	9
36) 1,1-Dichloropropene	7.881	75	9109	4.285	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12246	6.119	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	732	1.222	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	39768	55.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	39768	136.345	ug/l #	17

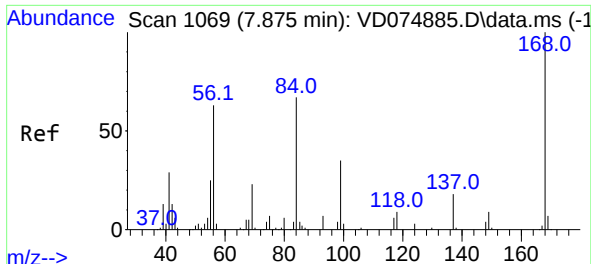
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

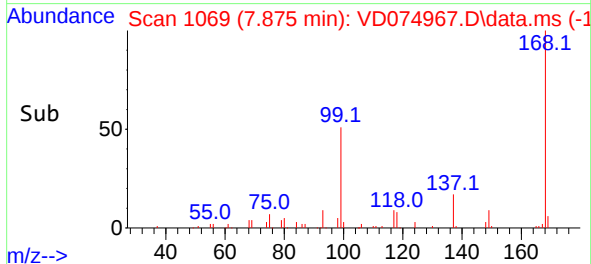
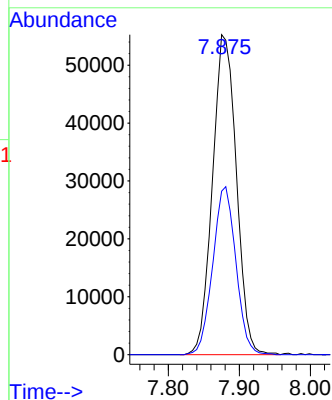
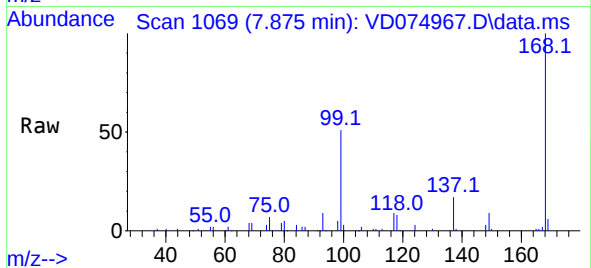




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

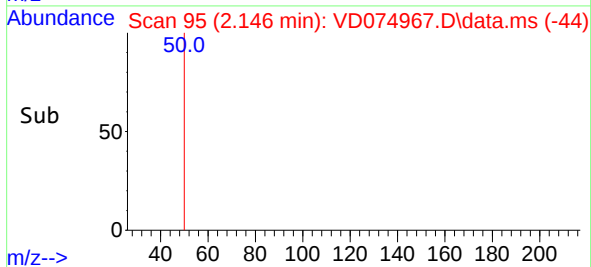
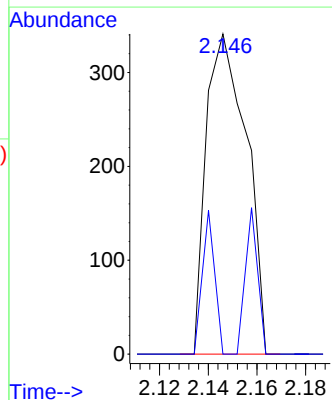
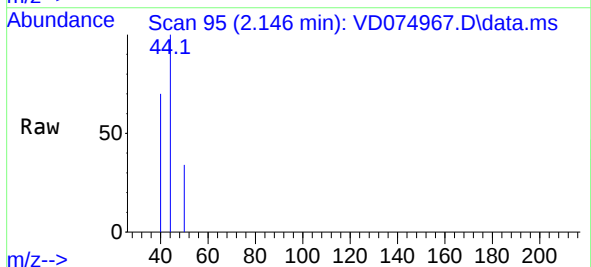
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21RE

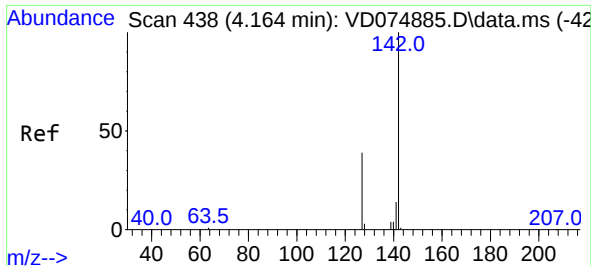
Tgt Ion:168 Resp: 129002
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

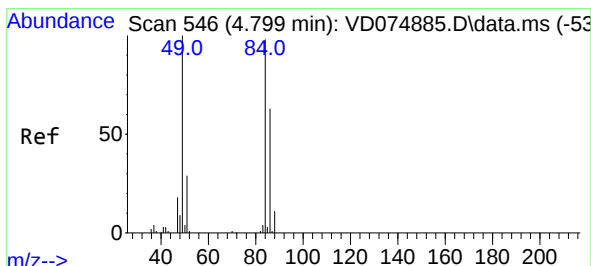
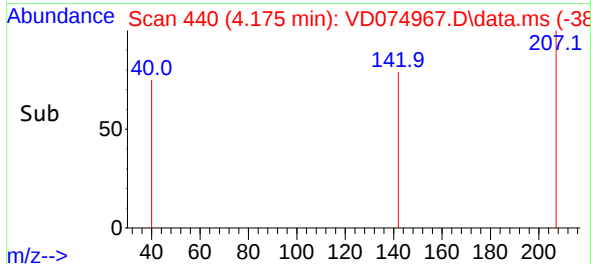
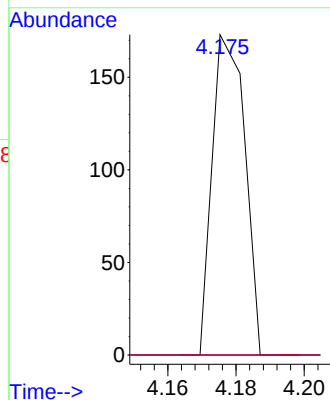
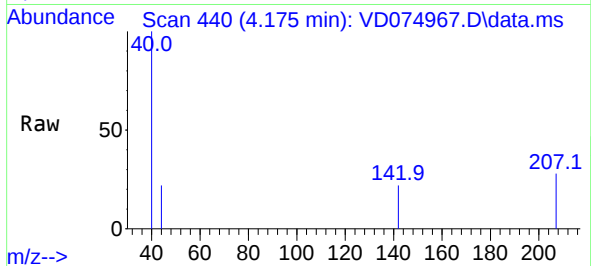




#10
Methyl Iodide
Concen: 4.835 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.011 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

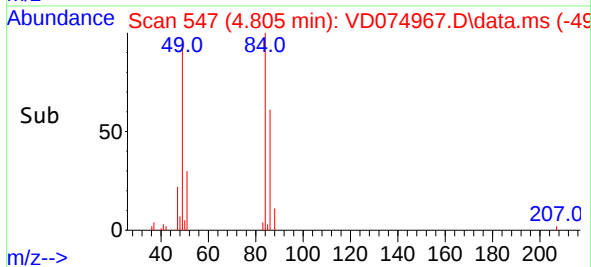
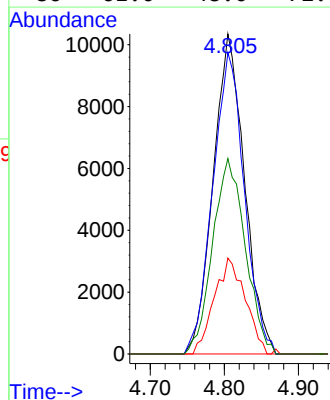
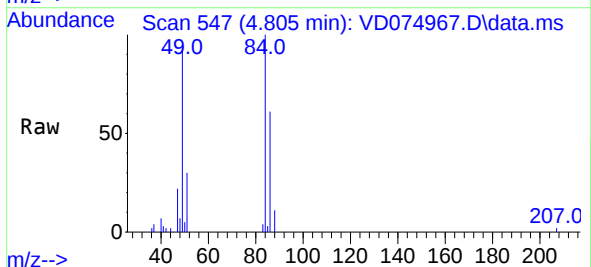
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21RE

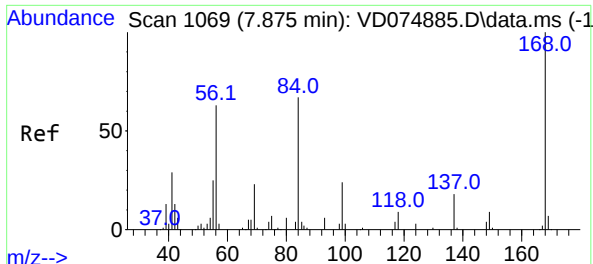
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: 4.759 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

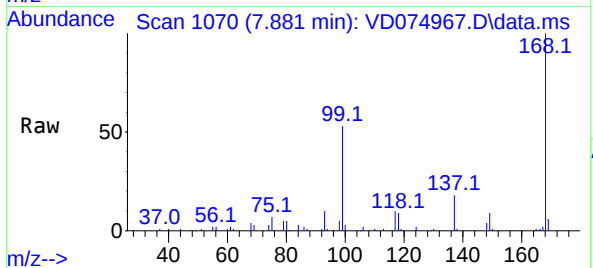
Tgt Ion: 84 Resp: 30288
Ion Ratio Lower Upper
84 100
49 94.2 68.0 102.0
51 30.0 23.2 34.8
86 61.0 48.0 72.0



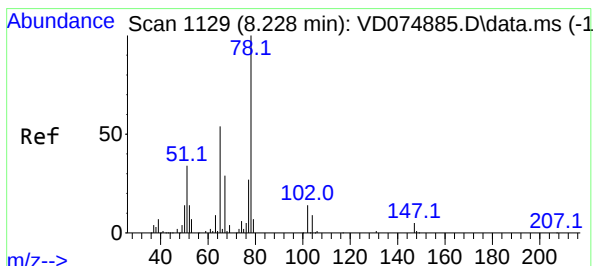
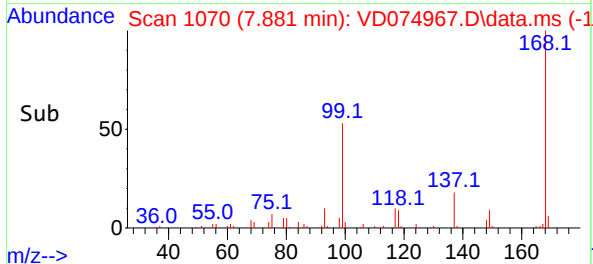
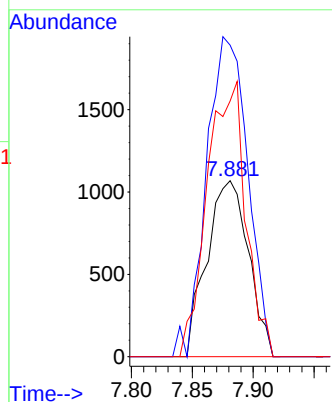


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21RE

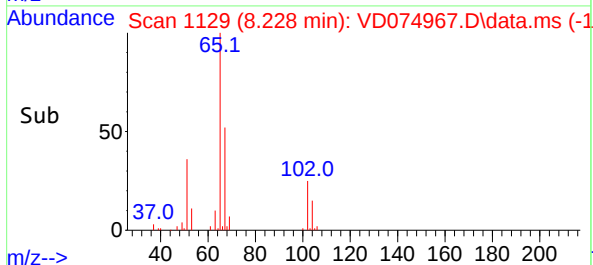
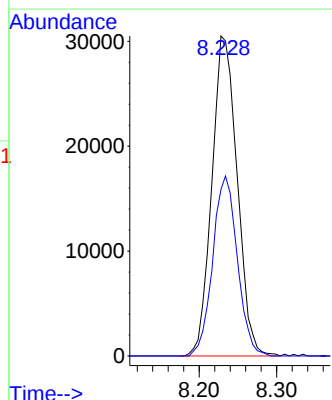
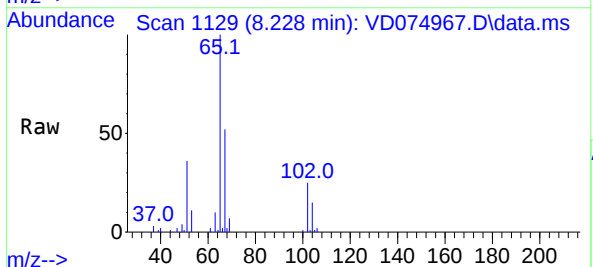


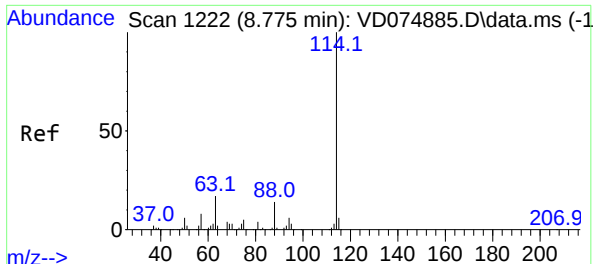
Tgt Ion: 56 Resp: 2542
Ion Ratio Lower Upper
56 100
69 177.0 29.2 43.8#
84 145.3 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 84.875 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 65 Resp: 69210
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074967.D

Acq: 17 Nov 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-21RE

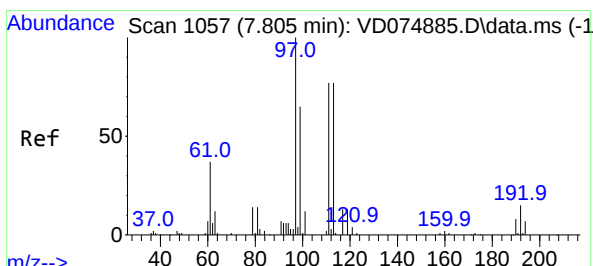
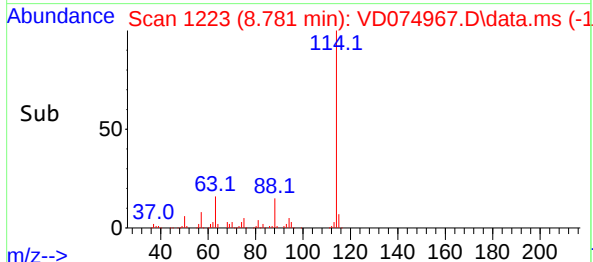
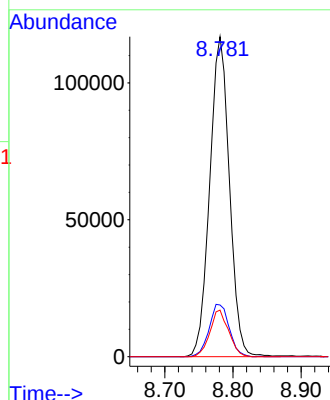
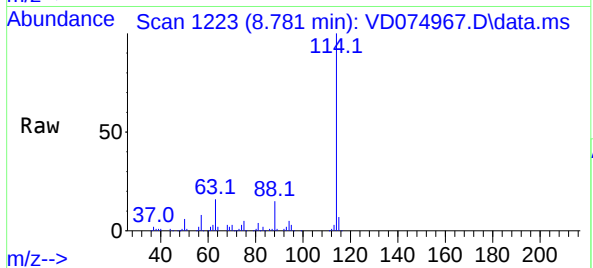
Tgt Ion:114 Resp: 234667

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.239 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074967.D

Acq: 17 Nov 2022 14:07

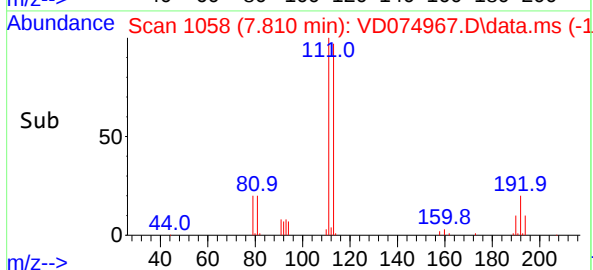
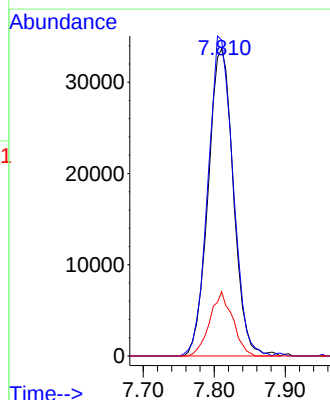
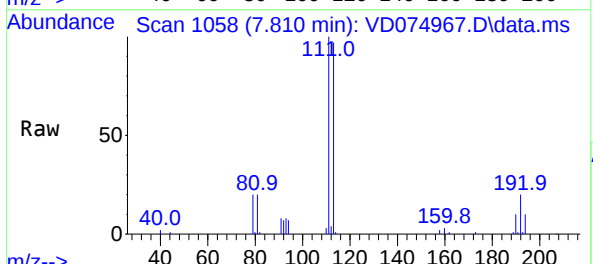
Tgt Ion:113 Resp: 82800

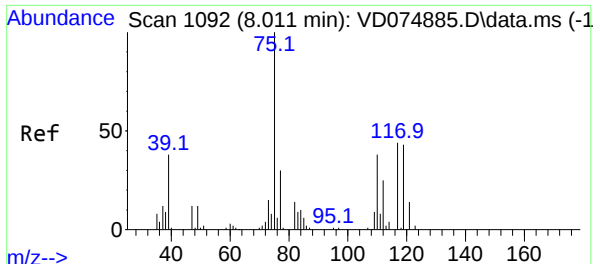
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD074967.D

Acq: 17 Nov 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-21RE

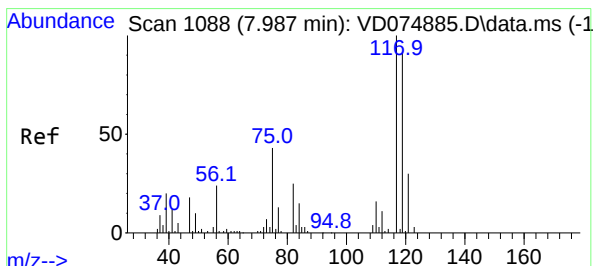
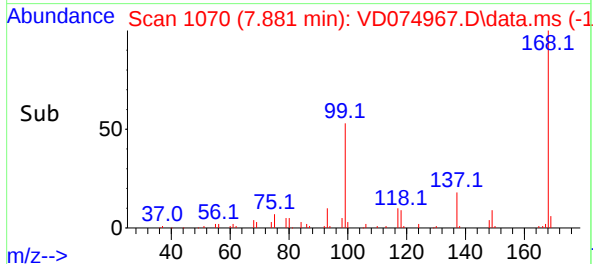
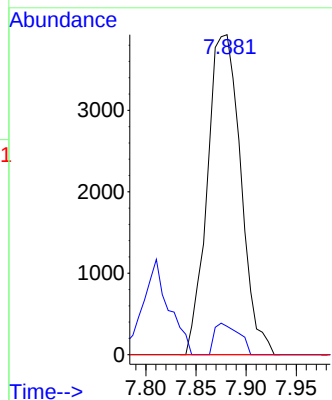
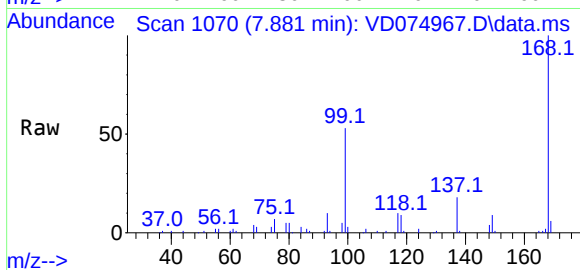
Tgt Ion: 75 Resp: 9109

Ion Ratio Lower Upper

75 100

110 7.2 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.119 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074967.D

Acq: 17 Nov 2022 14:07

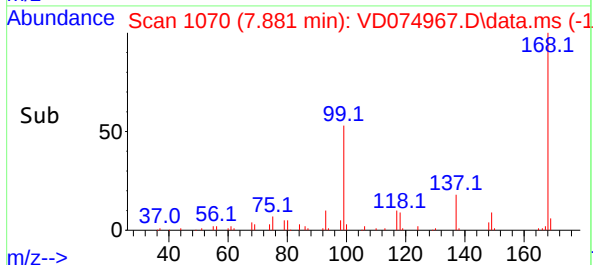
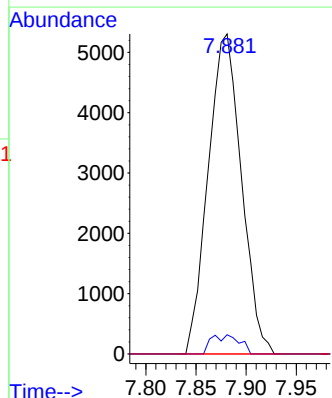
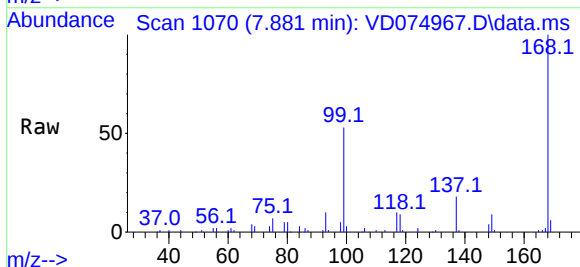
Tgt Ion: 117 Resp: 12246

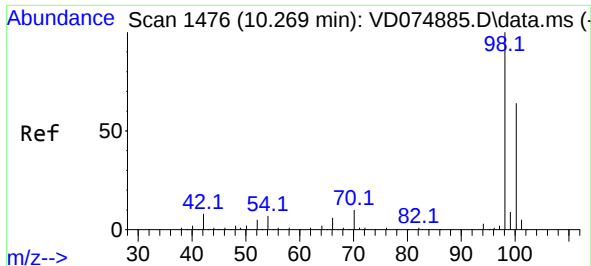
Ion Ratio Lower Upper

117 100

119 6.0 73.1 109.7#

121 0.0 25.0 37.6#

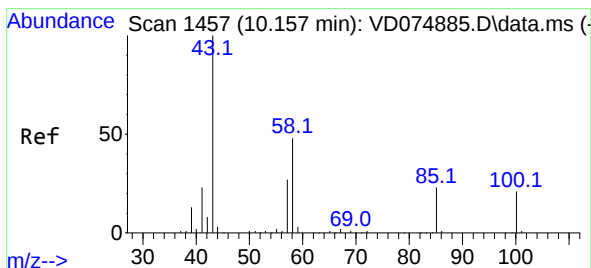
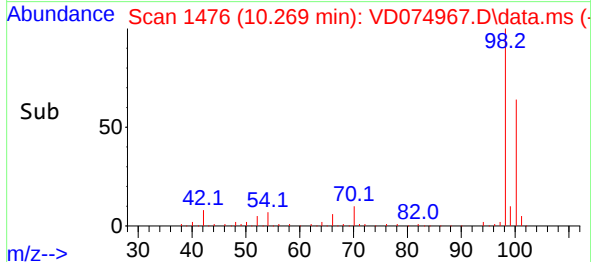
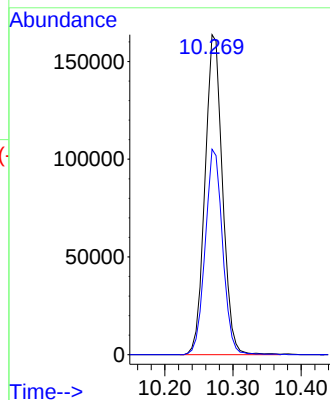
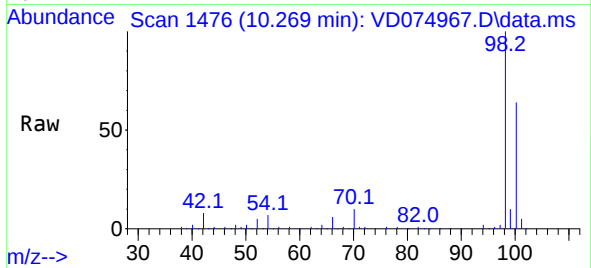




#50
Toluene-d8
Concen: 61.364 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

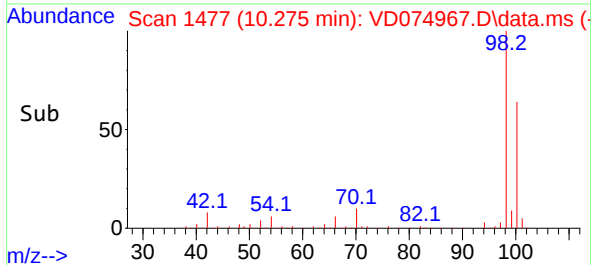
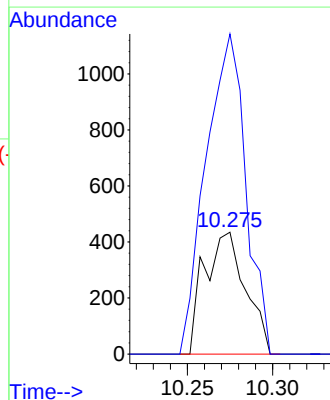
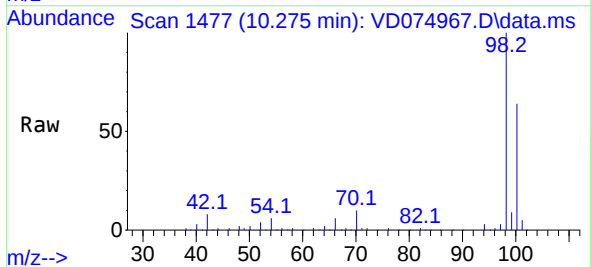
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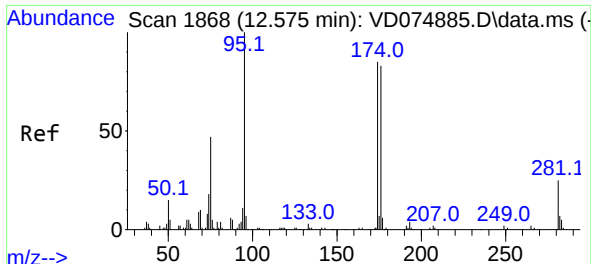
Tgt Ion: 98 Resp: 292400
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.222 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 254.0 37.8 56.6#

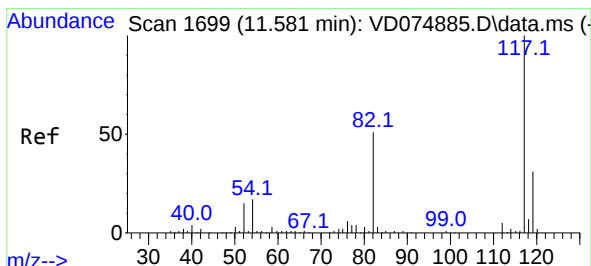
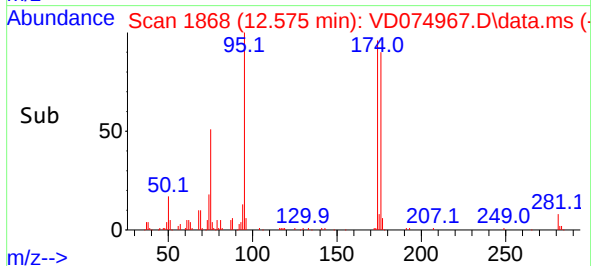
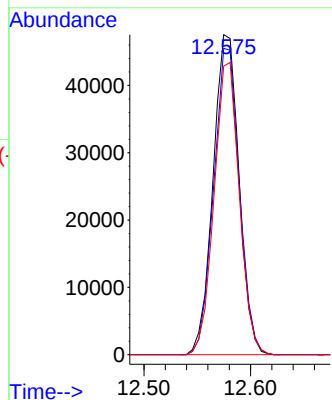
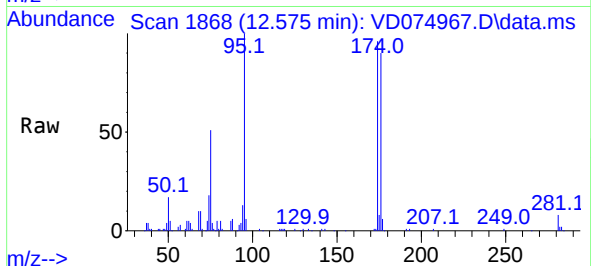




#62
4-Bromofluorobenzene
Concen: 54.831 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

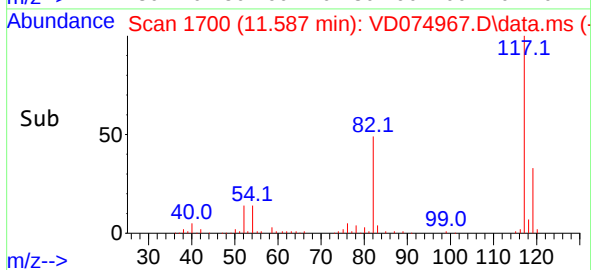
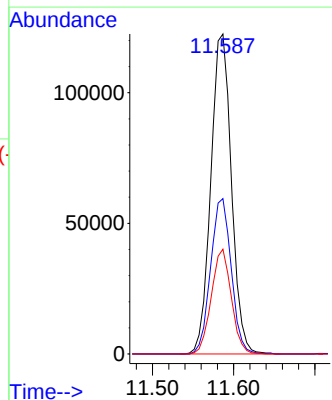
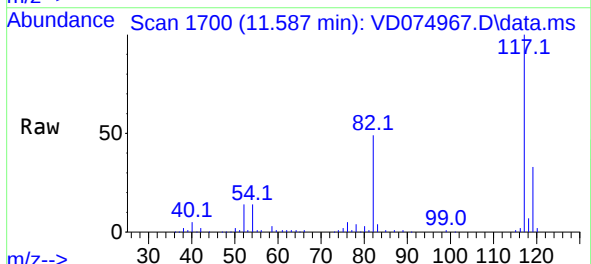
Instrument :
MSVOA_D
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SOIL-PILE-21RE

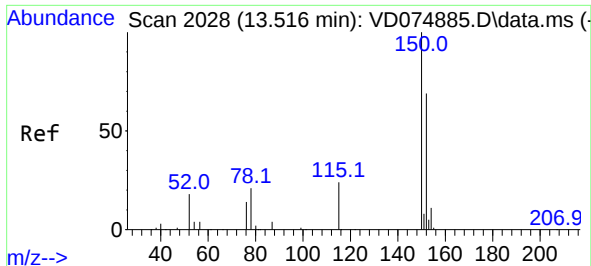
Tgt Ion: 95 Resp: 80227
Ion Ratio Lower Upper
95 100
174 95.0 0.0 197.0
176 88.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

Tgt Ion: 117 Resp: 215800
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 32.7 25.2 37.8

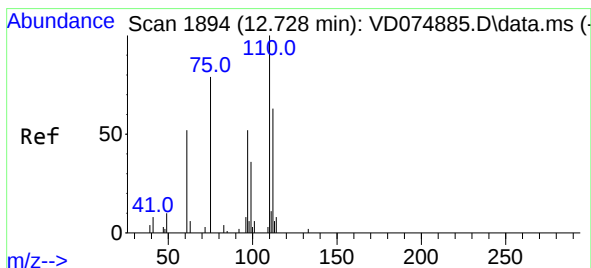
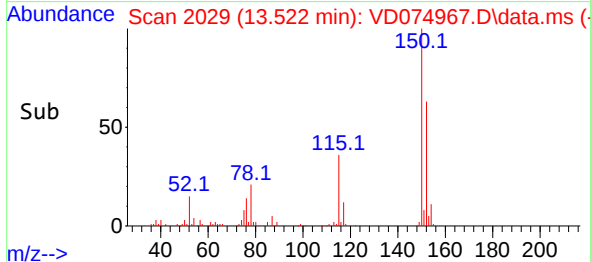
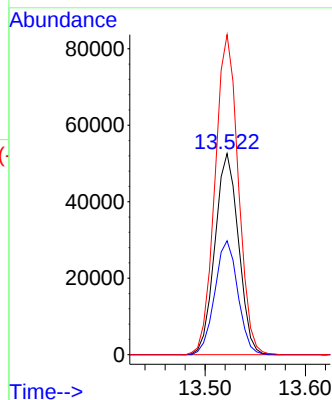
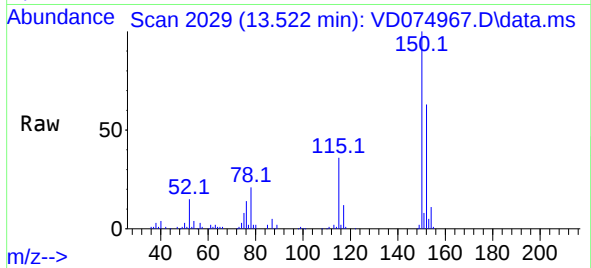




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

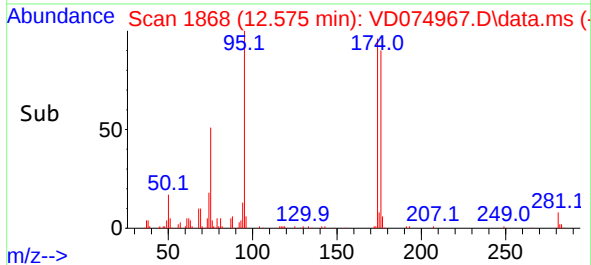
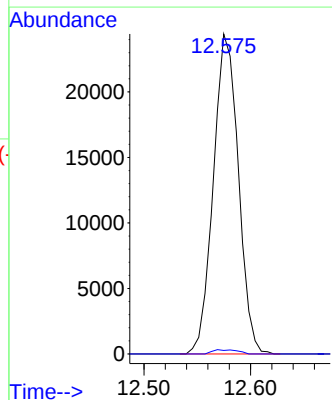
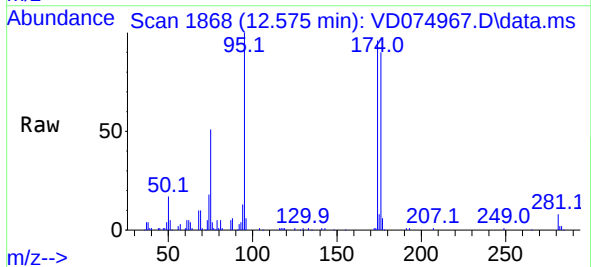
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21RE

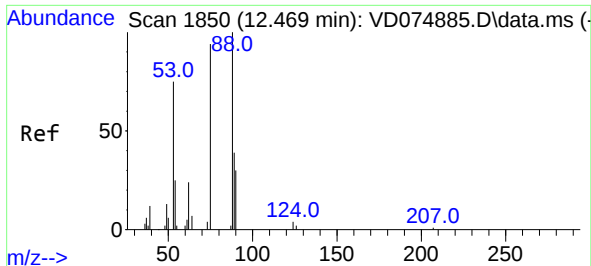
Tgt Ion:152 Resp: 85787
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 157.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.424 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074967.D
Acq: 17 Nov 2022 14:07

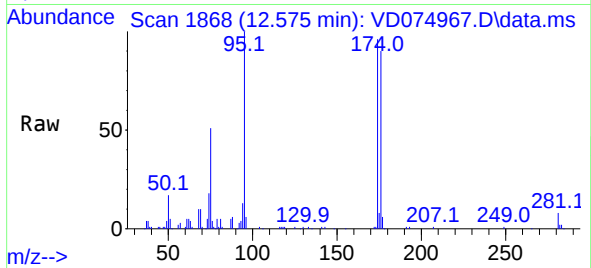
Tgt Ion: 75 Resp: 39768
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.345 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074967.D
 Acq: 17 Nov 2022 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-21RE



Tgt Ion: 75 Resp: 39768
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

