

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006281.D
 Acq On : 04 Oct 2021 17:09
 Operator : SY/MD
 Sample : M4056-07
 Misc : 5.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-5

Quant Time: Oct 05 06:37:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

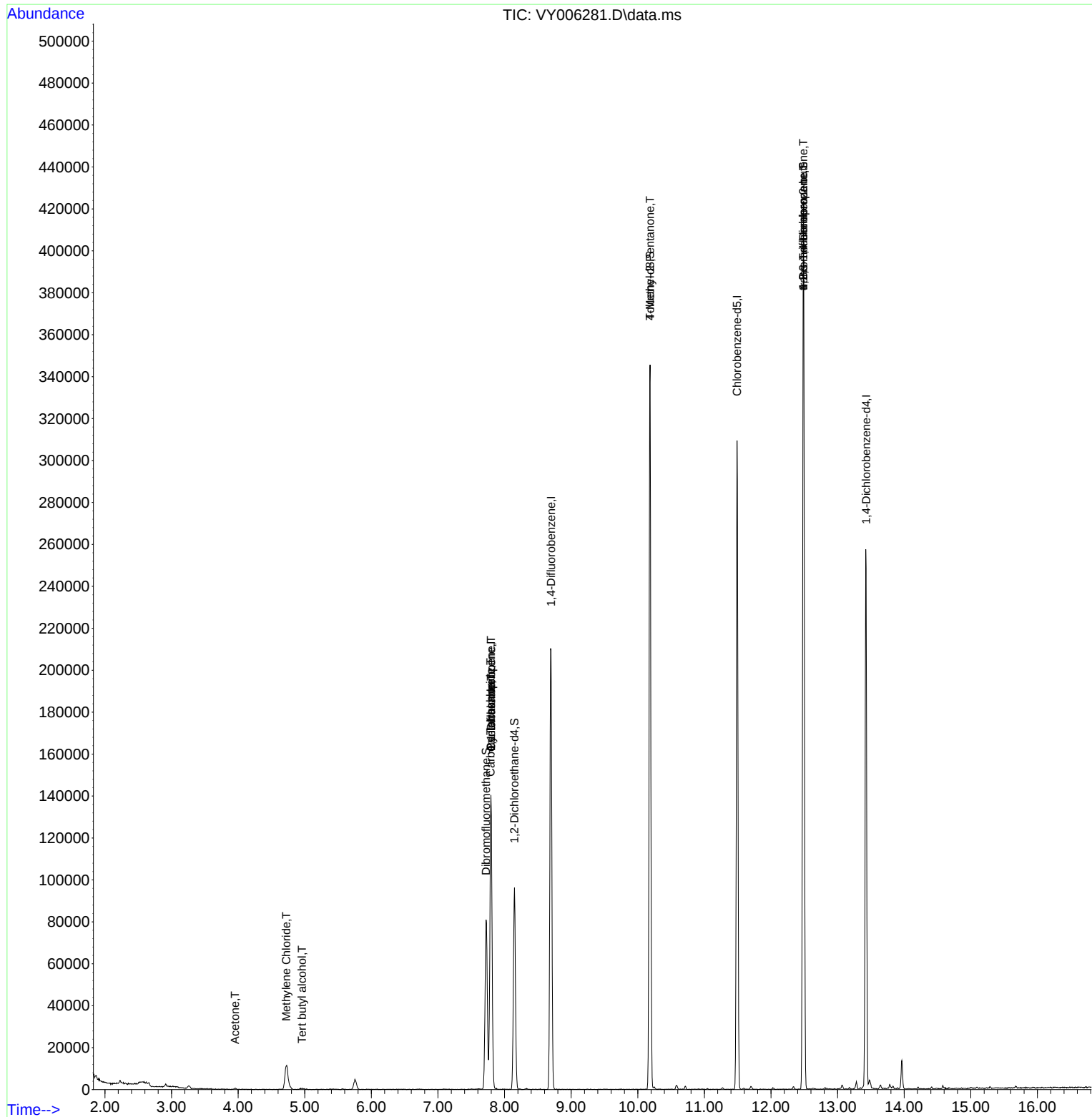
Internal Standards						
1) Pentafluorobenzene	7.795	168	107627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77711	67.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.920%	
35) Dibromofluoromethane	7.722	113	54175	56.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.380%	
50) Toluene-d8	10.185	98	223487	55.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	12.483	95	64742	47.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	988	9.805	ug/l #	77
16) Acetone	3.954	43	860	2.673	ug/l #	81
20) Methylene Chloride	4.723	84	8401	4.141	ug/l #	79
31) Cyclohexane	7.795	56	2449	1.122	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	8422	4.732	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10951	5.828	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1169	1.132	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	39445	62.354	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39445	122.534	ug/l #	8

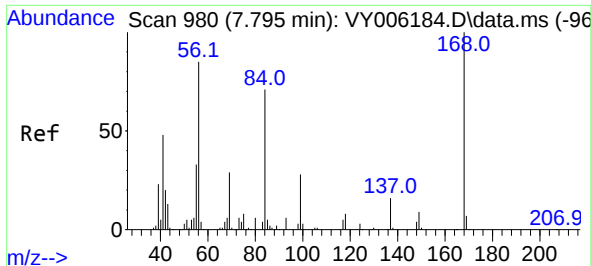
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STOCK-PILE-PENINSULA-1B-5

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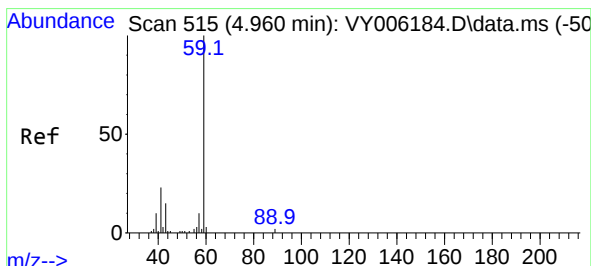
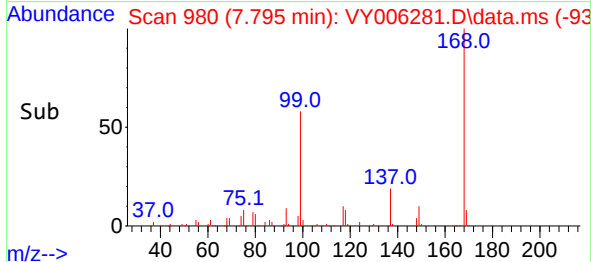
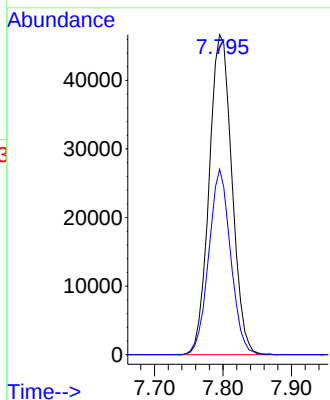
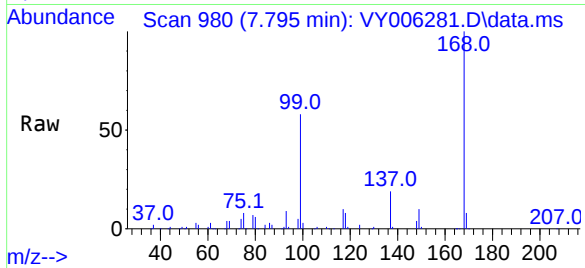




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

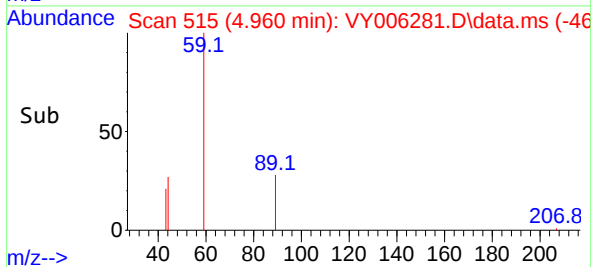
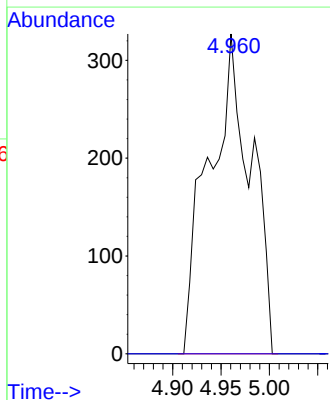
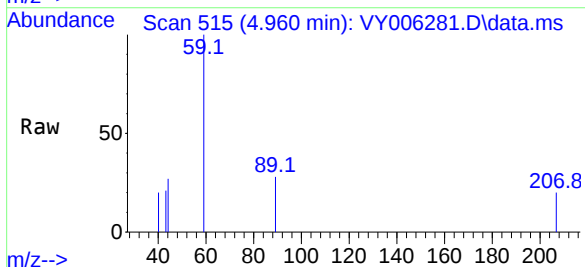
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

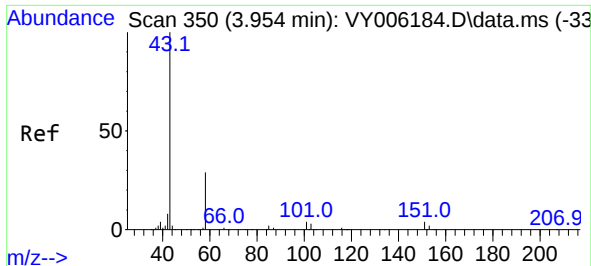
Tgt Ion:168 Resp: 107627
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 9.805 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 59 Resp: 988
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

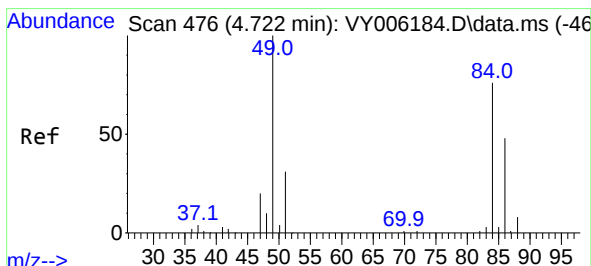
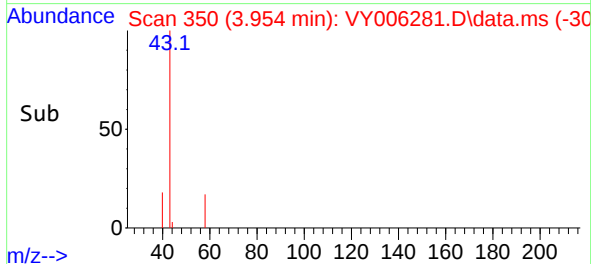
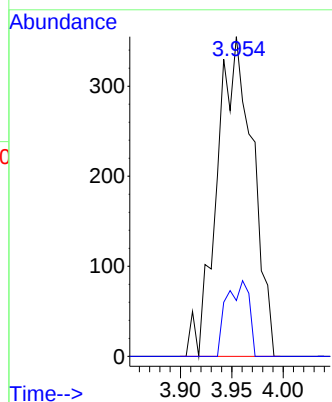
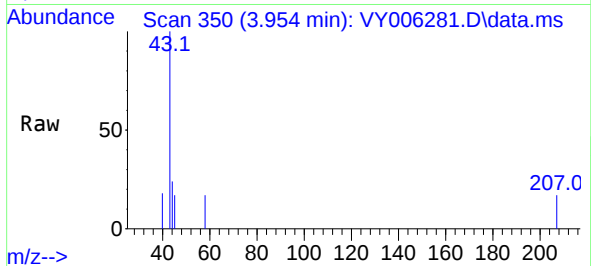




#16
Acetone
Concen: 2.673 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

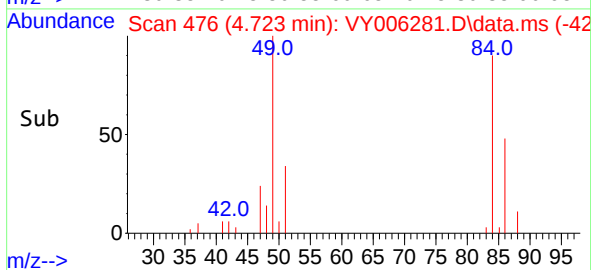
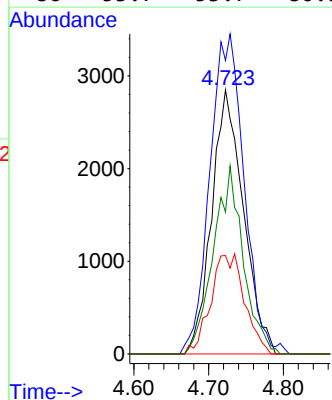
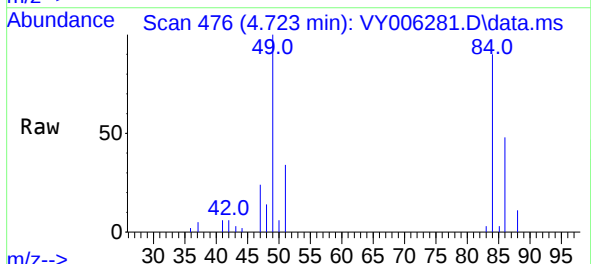
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

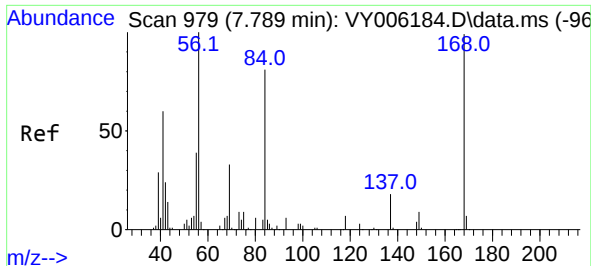
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 17.5 22.0 33.0#



#20
Methylene Chloride
Concen: 4.141 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

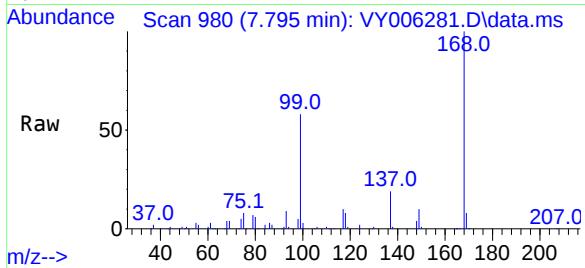
Tgt Ion: 84 Resp: 8401
Ion Ratio Lower Upper
84 100
49 111.1 114.4 171.6#
51 37.3 35.3 52.9
86 53.7 53.7 80.5



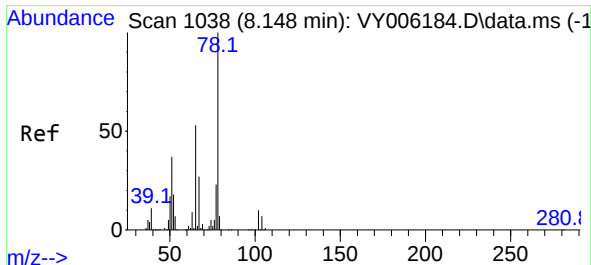
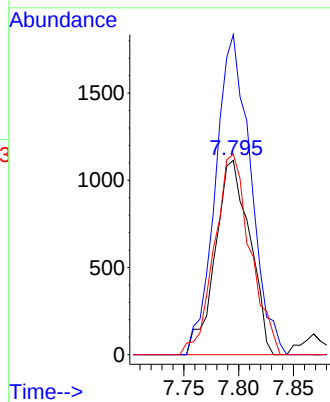
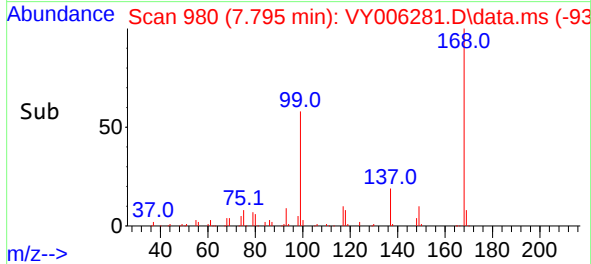


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

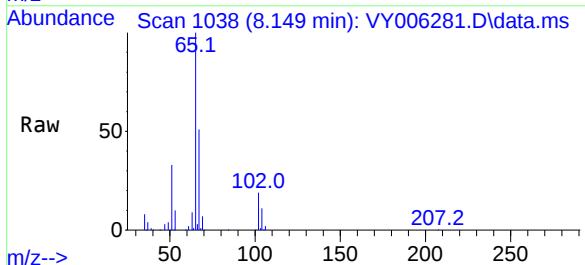
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5



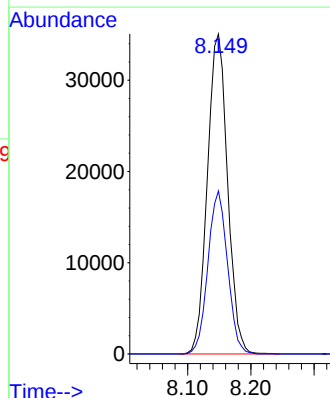
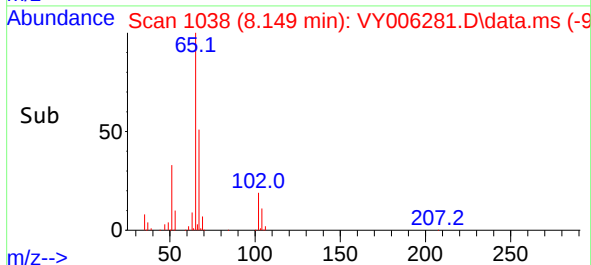
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 164.7 26.7 40.1#
84 103.2 67.2 100.8#

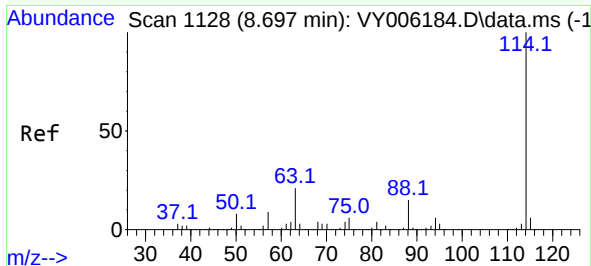


#33
1,2-Dichloroethane-d4
Concen: 67.462 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09



Tgt Ion: 65 Resp: 77711
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

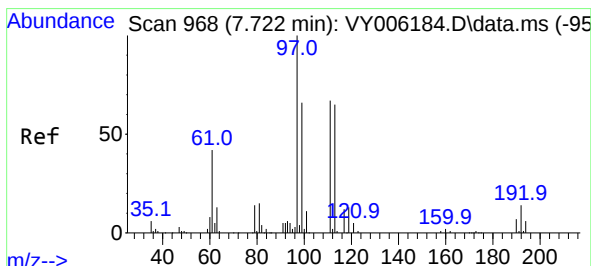
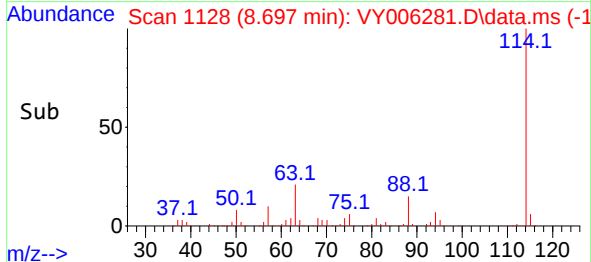
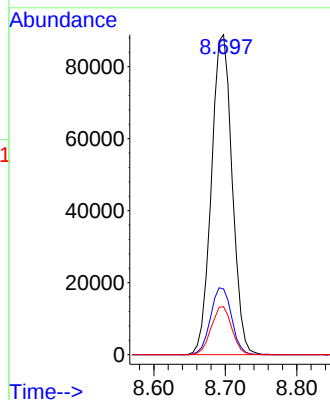
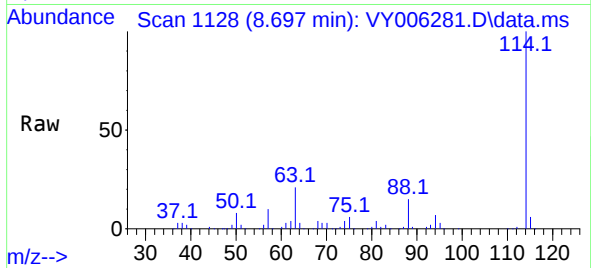




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

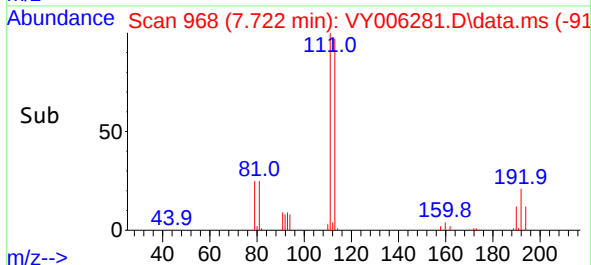
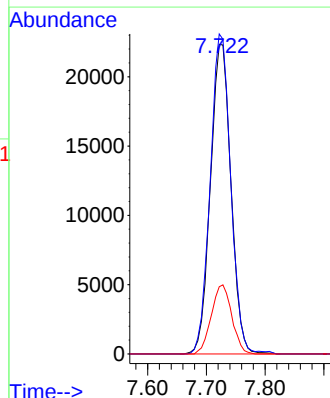
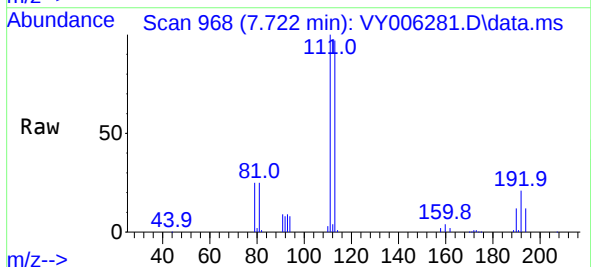
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

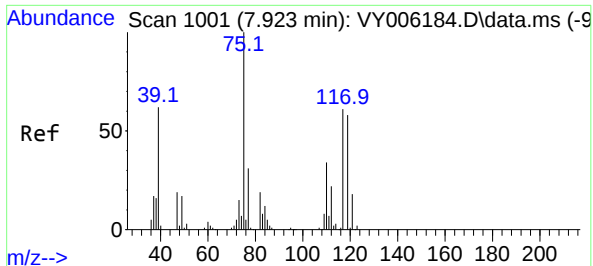
Tgt Ion:114 Resp: 178867
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.691 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion:113 Resp: 54175
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 22.2 17.6 26.4



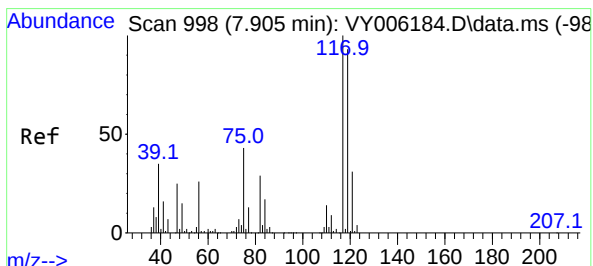
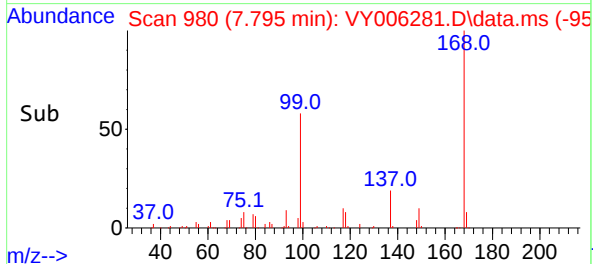
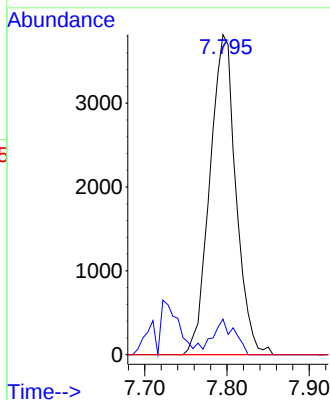
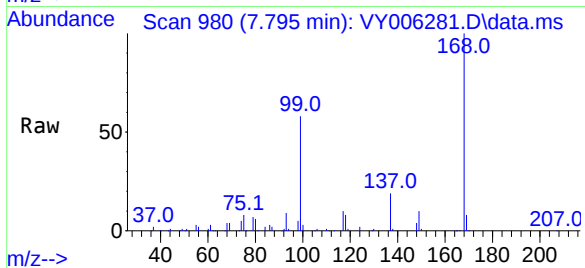


#36

1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

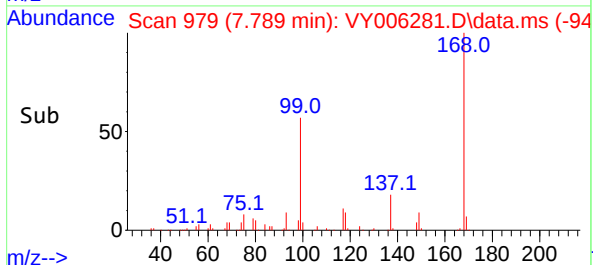
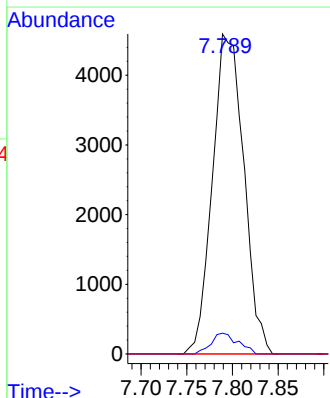
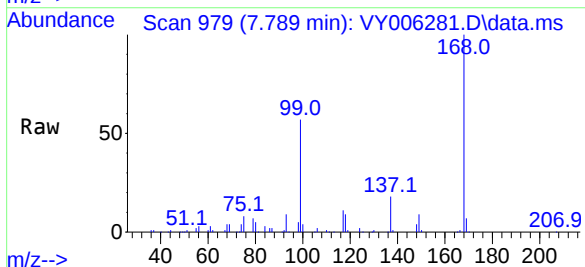
Tgt Ion: 75 Resp: 8422
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

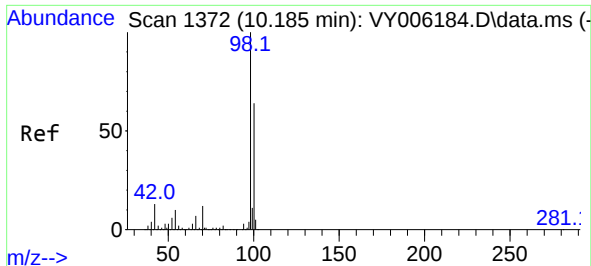


#38

Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 117 Resp: 10951
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

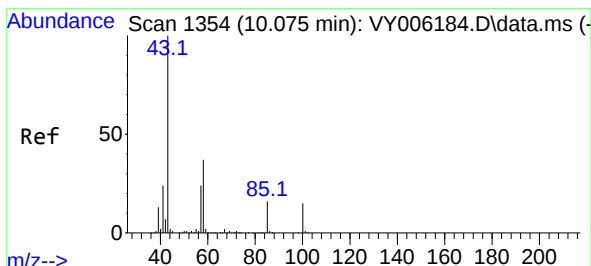
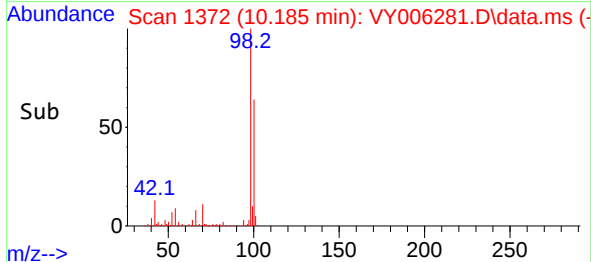
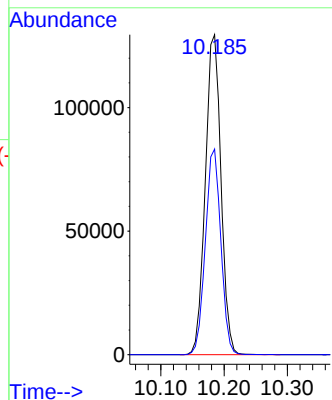
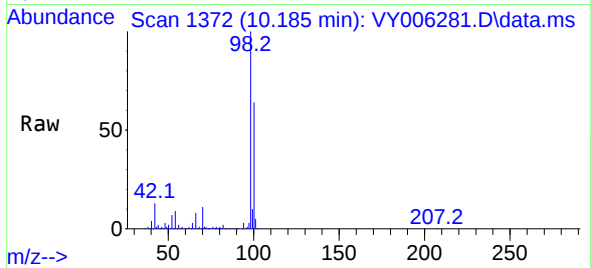




#50
Toluene-d8
Concen: 55.880 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

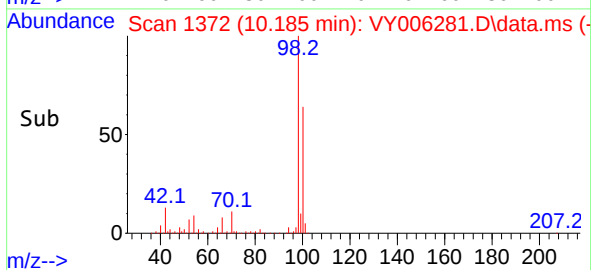
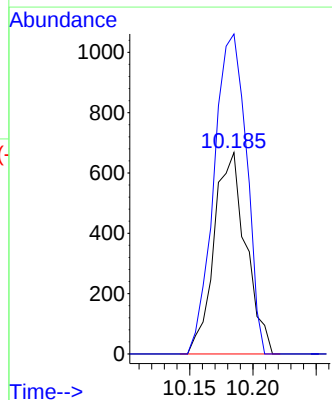
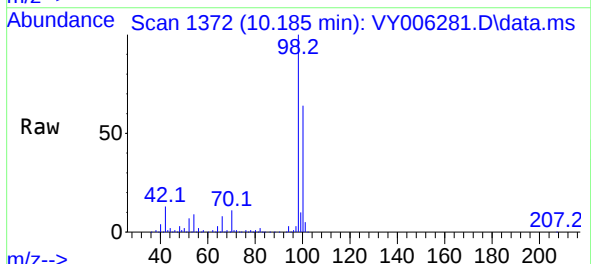
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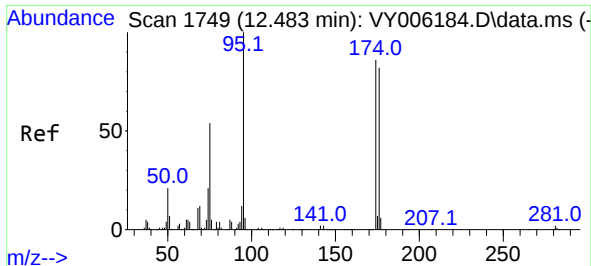
Tgt Ion: 98 Resp: 223487
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 162.1 28.1 42.1#

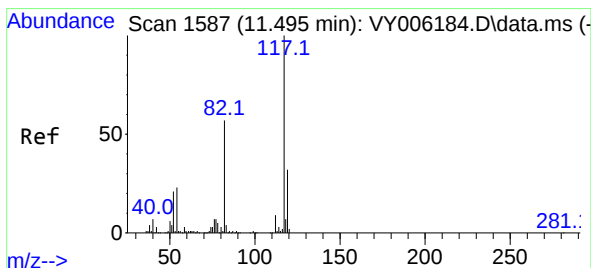
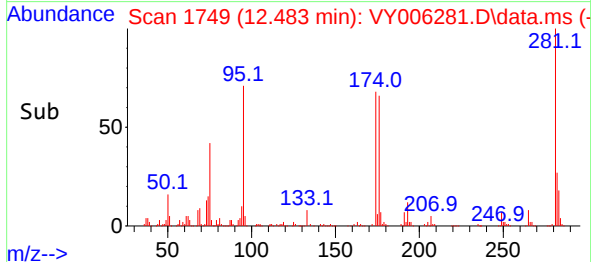
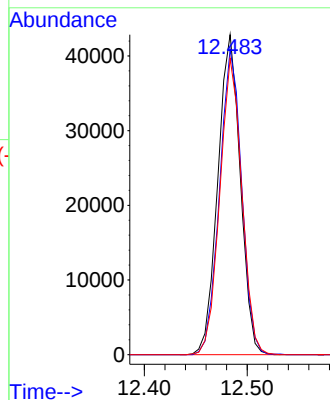
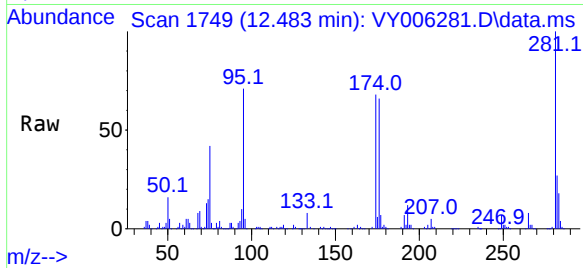




#62
4-Bromofluorobenzene
Concen: 47.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

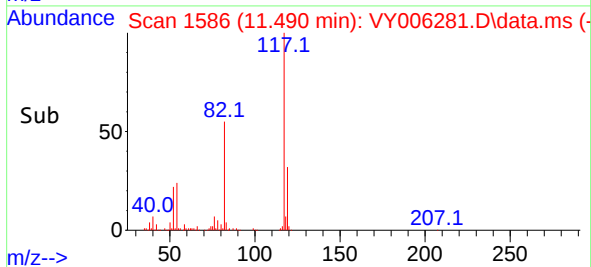
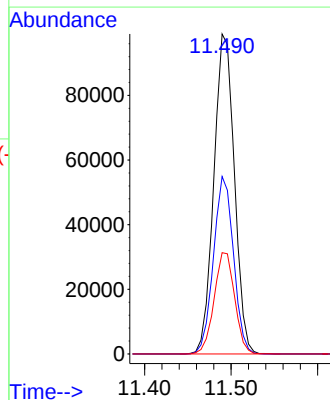
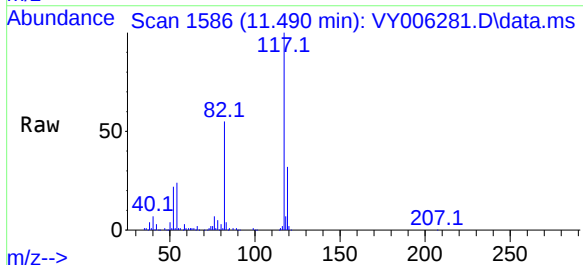
Instrument :
MSVOA_Y
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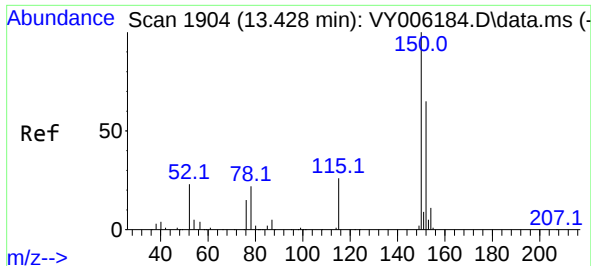
Tgt Ion:	95	Resp:	64742
Ion Ratio	Lower	Upper	
95	100		
174	94.0	0.0	177.0
176	91.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

Tgt Ion:	117	Resp:	163288
Ion Ratio	Lower	Upper	
117	100		
82	55.5	43.0	64.4
119	31.6	25.4	38.0

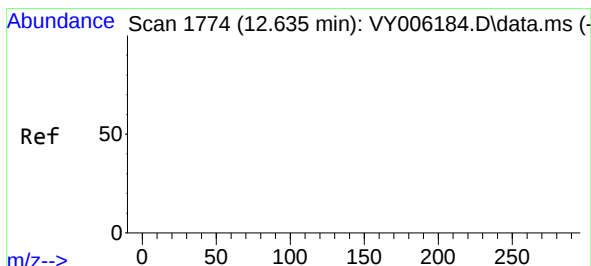
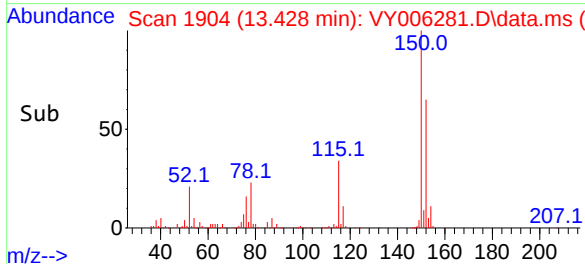
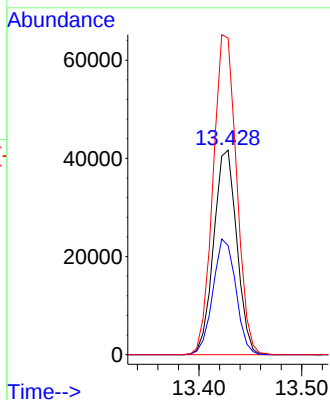
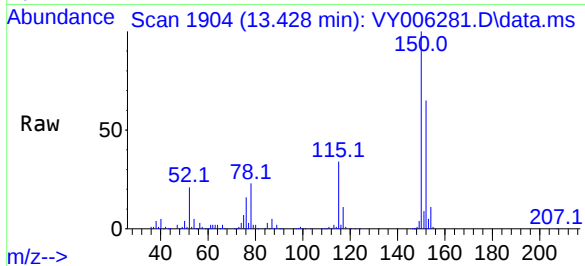




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

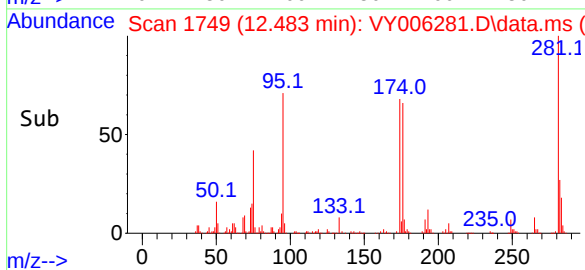
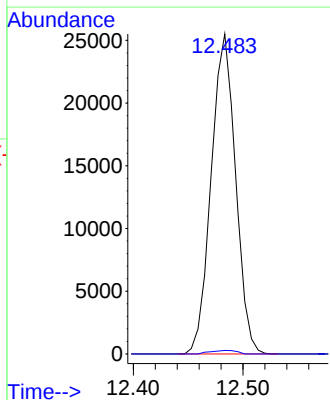
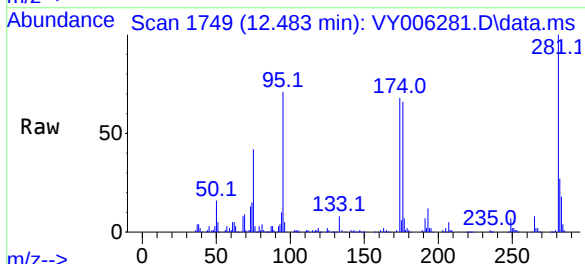
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-5

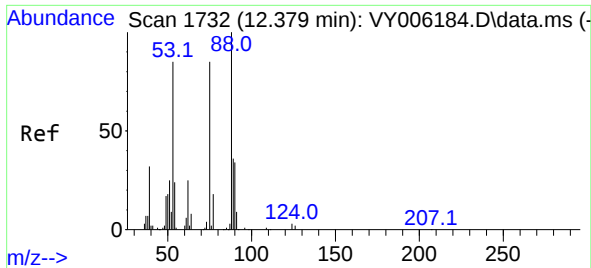
Tgt Ion:152 Resp: 65086
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 62.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006281.D
Acq: 04 Oct 2021 17:09

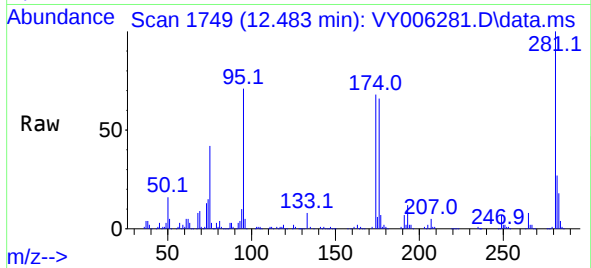
Tgt Ion: 75 Resp: 39445
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.534 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006281.D
 Acq: 04 Oct 2021 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-5



Tgt Ion: 75 Resp: 39445
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.3 37.0 55.4#

