

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006280.D
 Acq On : 04 Oct 2021 16:45
 Operator : SY/MD
 Sample : M4056-06
 Misc : 5.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-4

Quant Time: Oct 05 06:37:51 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)

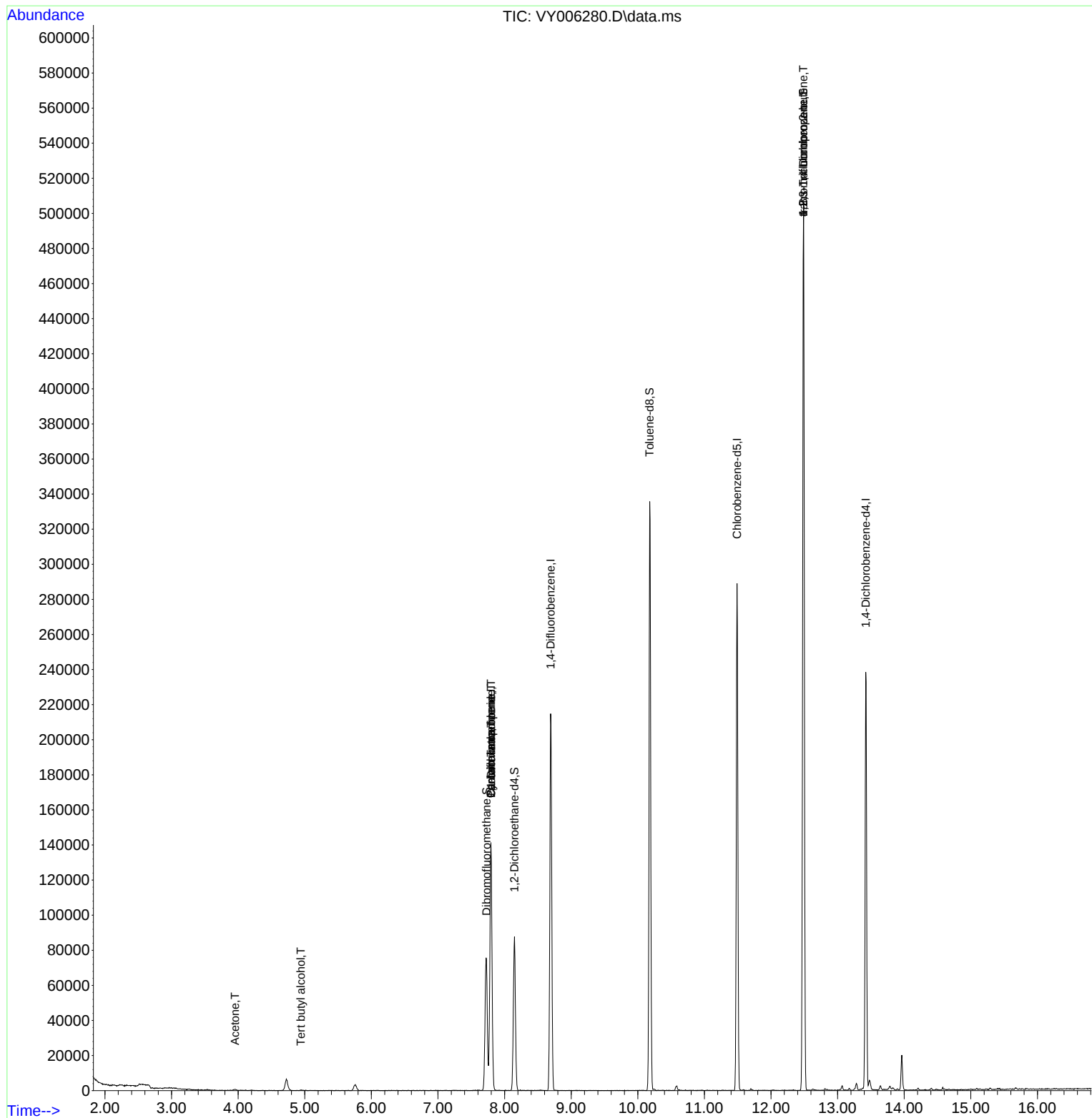
Internal Standards						
1) Pentafluorobenzene	7.795	168	109174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71461	61.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.320%	
35) Dibromofluoromethane	7.728	113	50694	54.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.179	98	213486	54.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.483	95	60602	45.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	492	4.813	ug/l #	77
16) Acetone	3.954	43	1077	3.300	ug/l	91
31) Cyclohexane	7.795	56	2575	1.163	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	8246	4.746	ug/l #	53
38) Carbon Tetrachloride	7.795	117	10459	5.701	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	37747	64.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37747	127.023	ug/l #	8

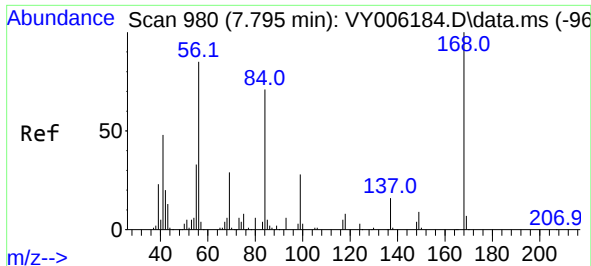
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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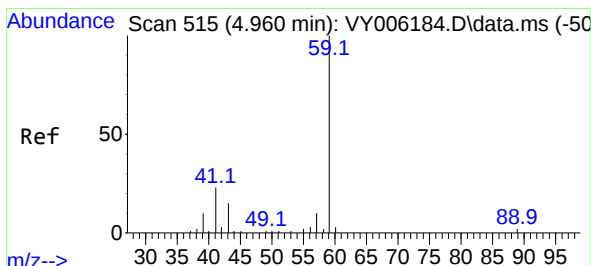
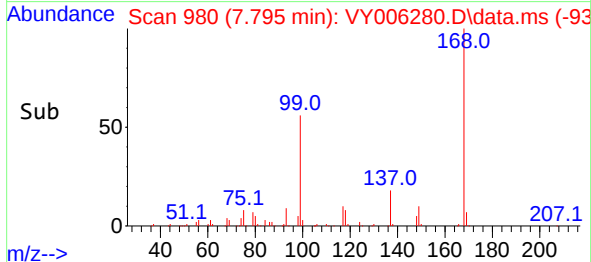
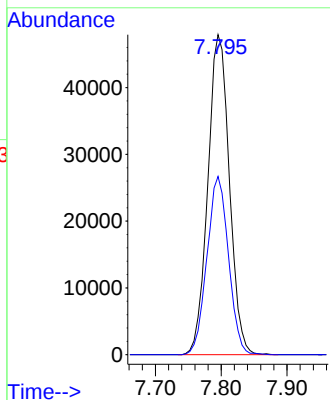
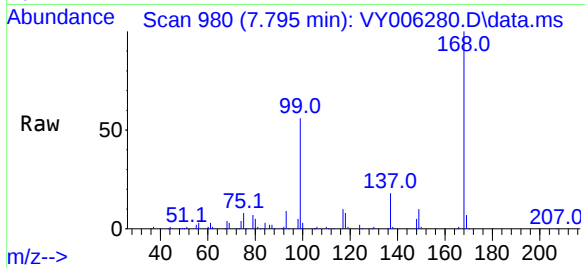




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

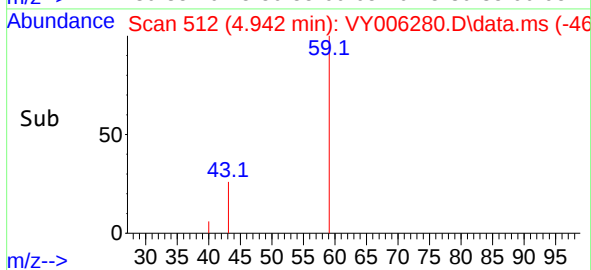
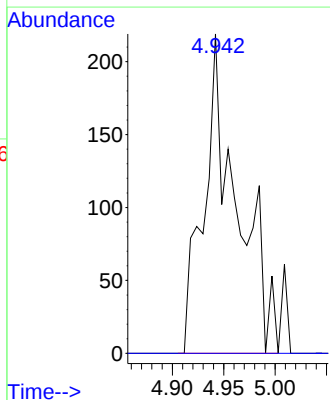
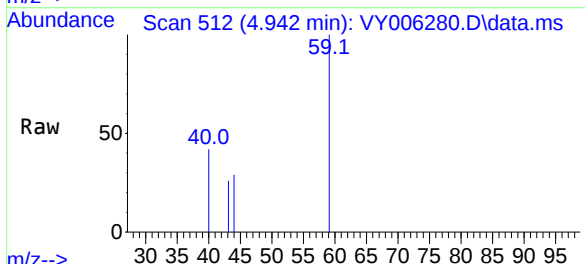
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4

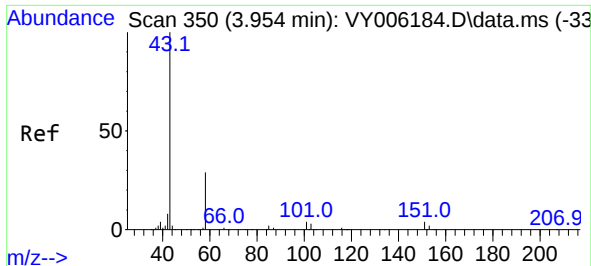
Tgt Ion:168 Resp: 109174
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.813 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

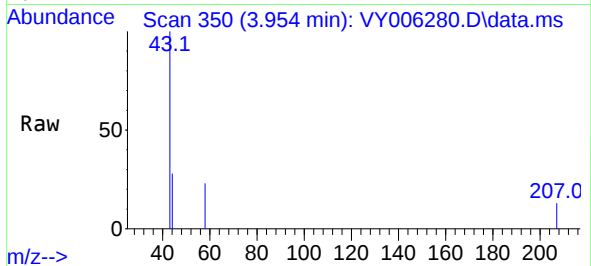
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



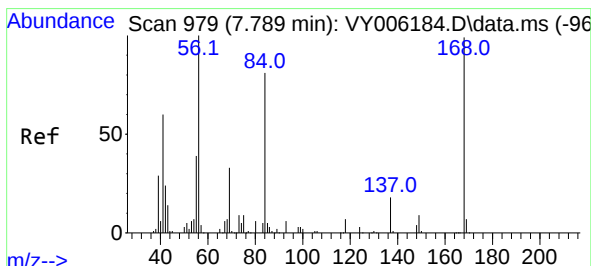
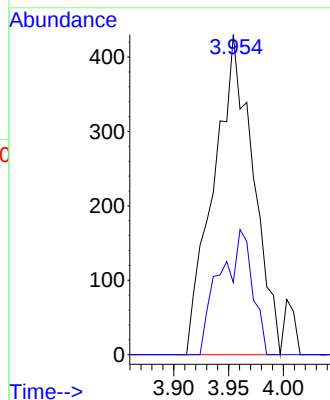
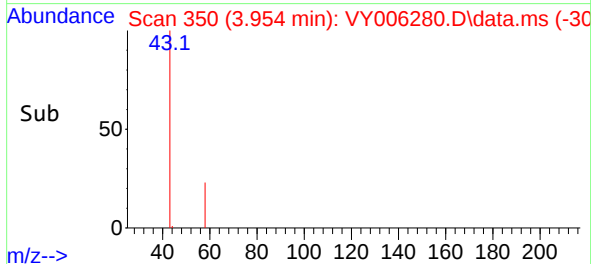


#16
Acetone
Concen: 3.300 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

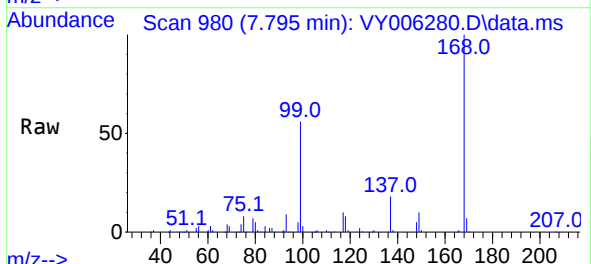
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4



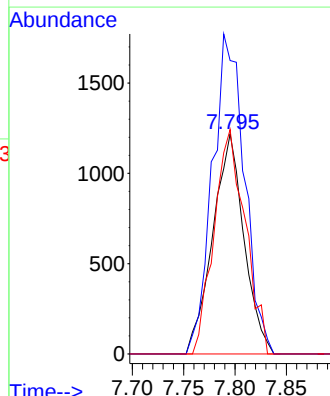
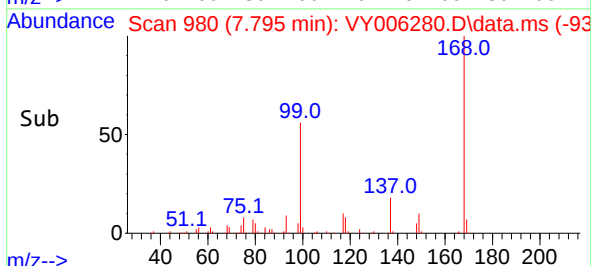
Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
58 22.6 22.0 33.0

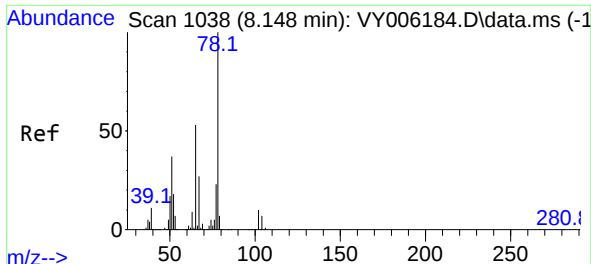


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45



Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 133.4 26.7 40.1#
84 102.1 67.2 100.8#

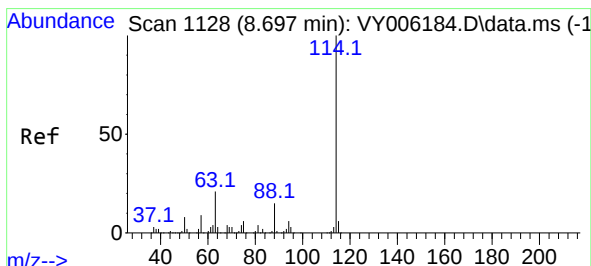
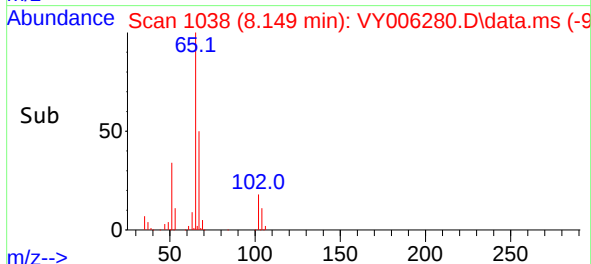
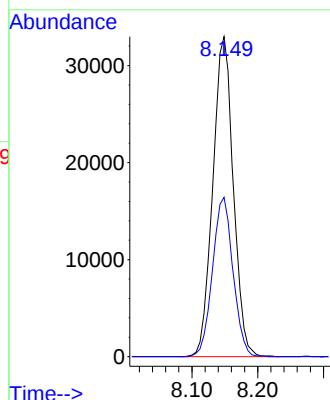
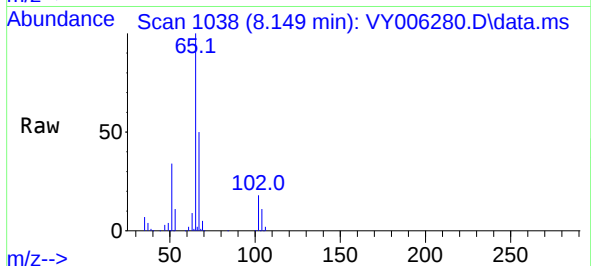




#33
1,2-Dichloroethane-d4
Concen: 61.157 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

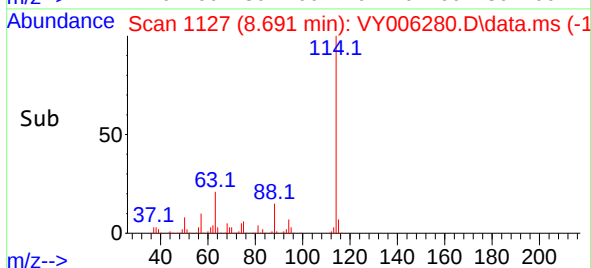
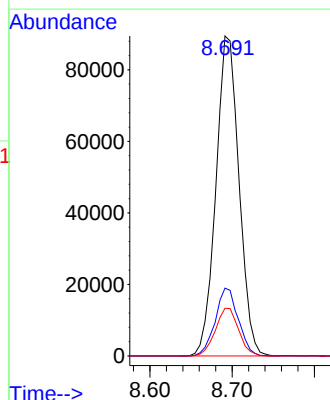
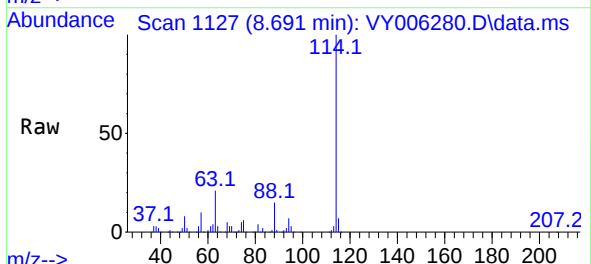
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4

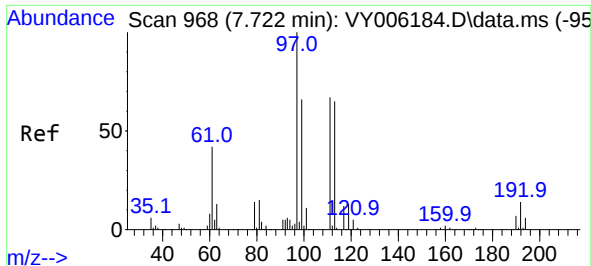
Tgt Ion: 65 Resp: 71461
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

Tgt Ion:114 Resp: 174635
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 14.9 0.0 31.8

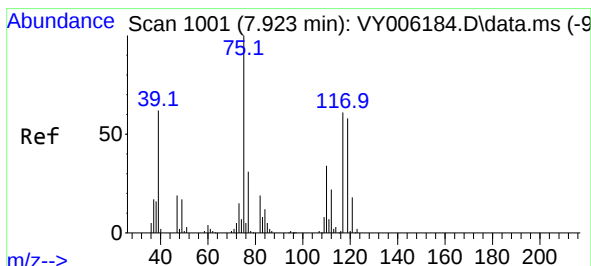
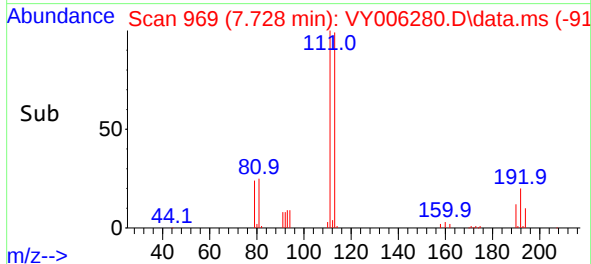
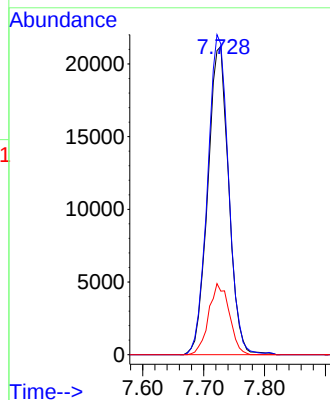
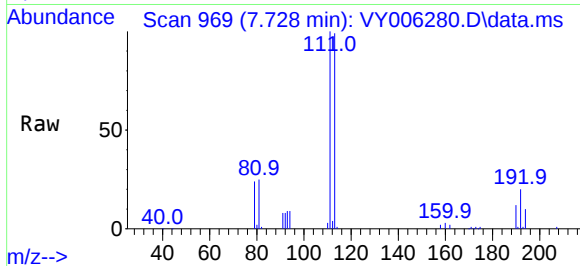




#35
Dibromofluoromethane
Concen: 54.334 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

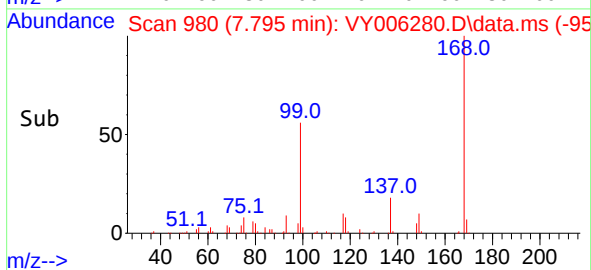
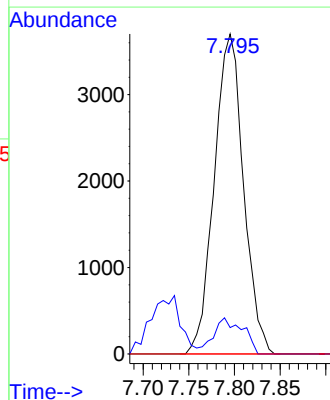
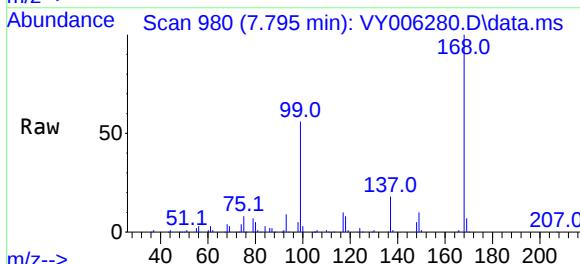
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4

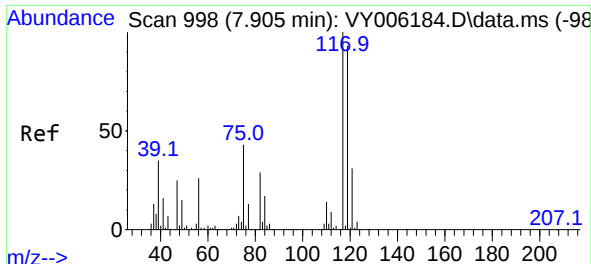
Tgt Ion:	113	Resp:	50694
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	22.7	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

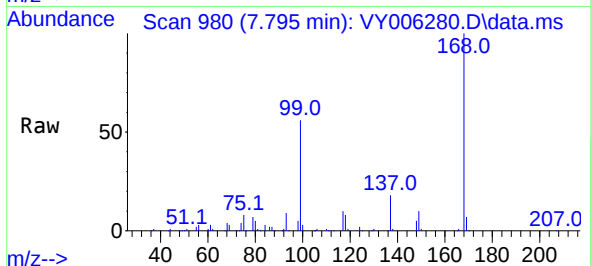
Tgt Ion:	75	Resp:	8246
Ion	Ratio	Lower	Upper
75	100		
110	11.3	17.1	51.2#
77	0.0	24.4	36.6#



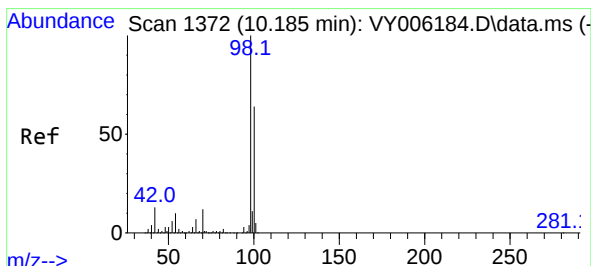
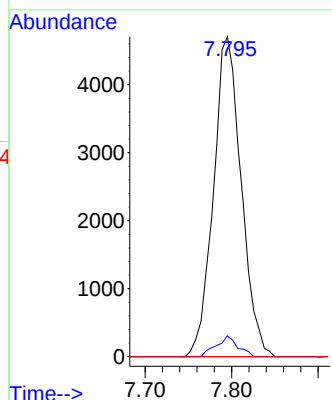
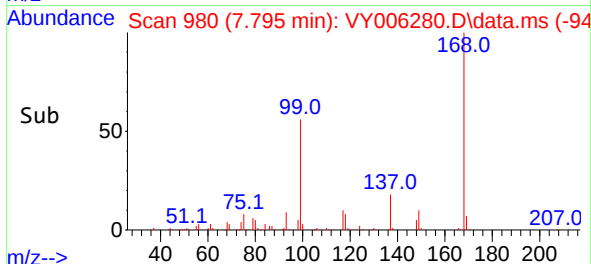


#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

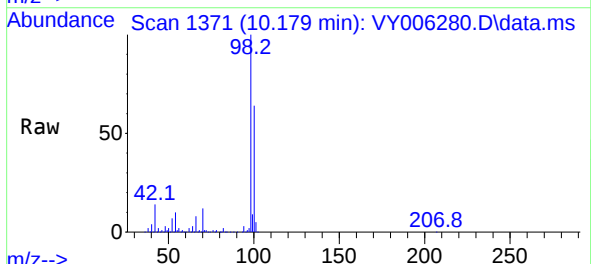
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4



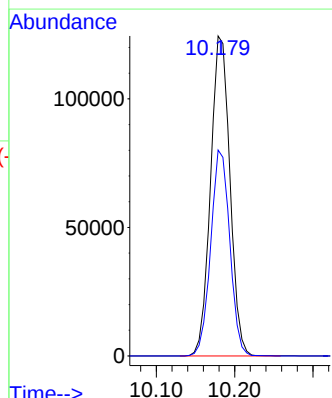
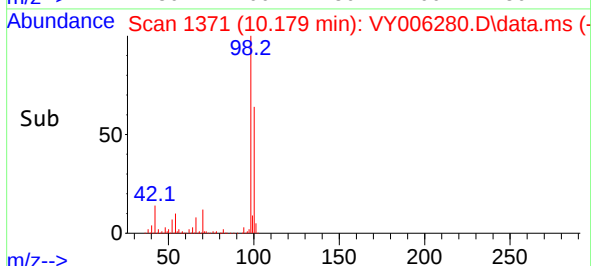
Tgt Ion:117 Resp: 10459
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

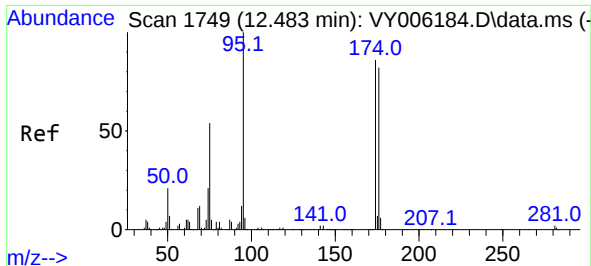


#50
Toluene-d8
Concen: 54.673 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45



Tgt Ion: 98 Resp: 213486
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

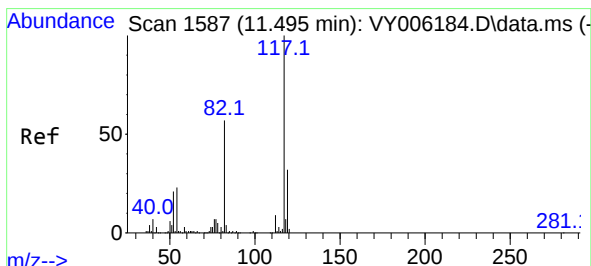
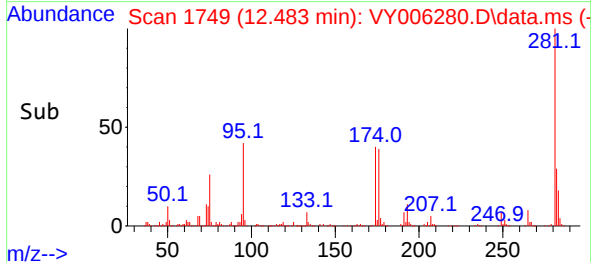
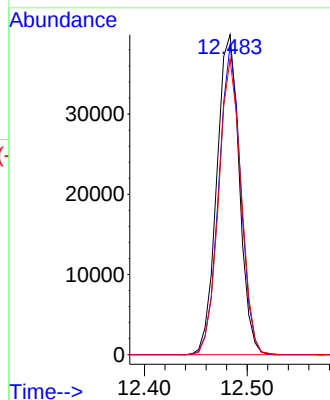
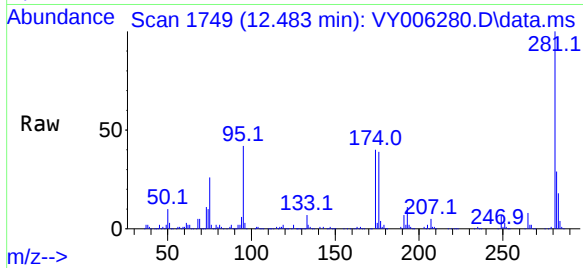




#62
4-Bromofluorobenzene
Concen: 45.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

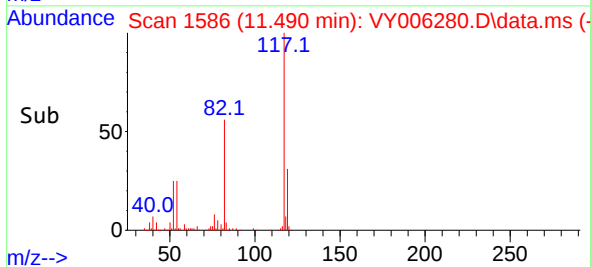
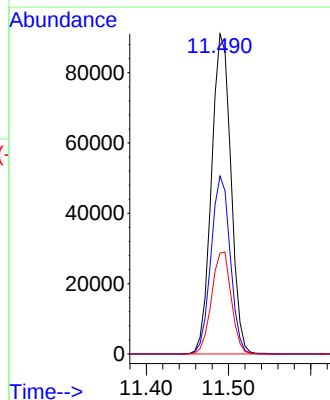
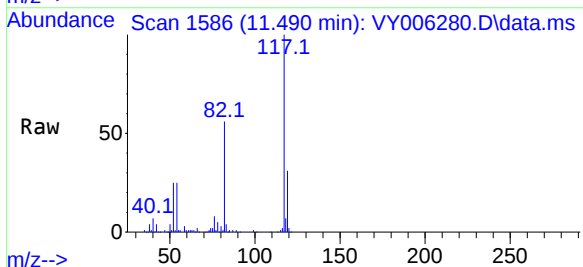
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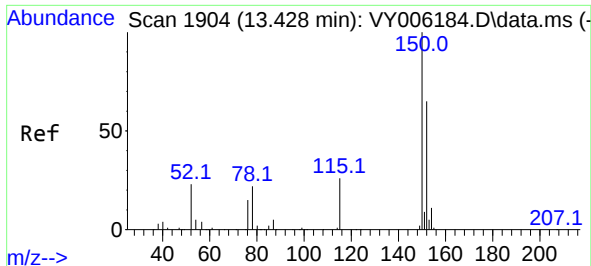
Tgt Ion:	95	Resp:	60602
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	177.0
176	91.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

Tgt Ion:	117	Resp:	149398
Ion Ratio	Lower	Upper	
117	100		
82	55.5	43.0	64.4
119	31.5	25.4	38.0

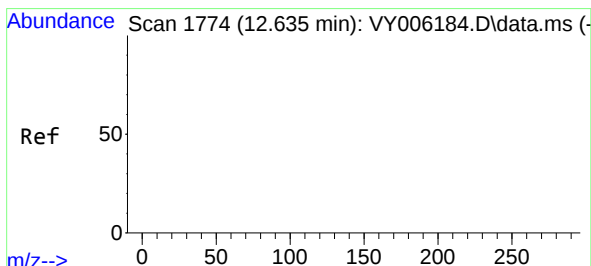
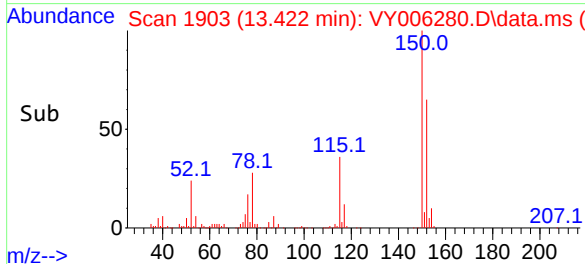
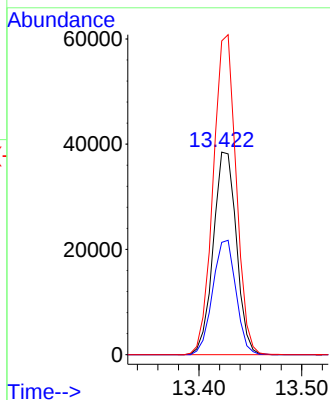
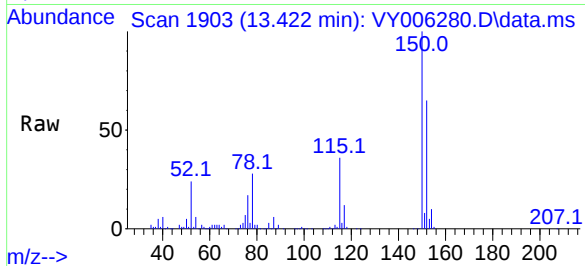




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

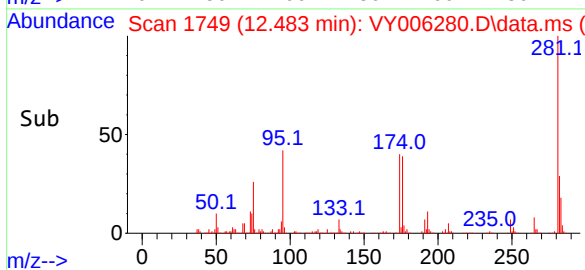
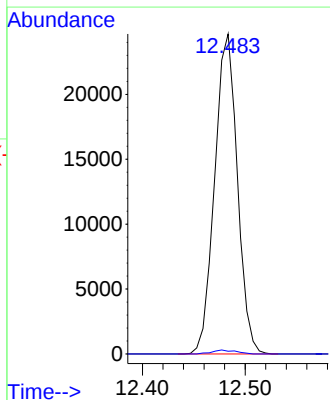
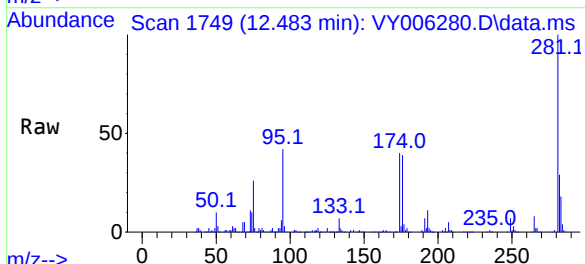
Instrument :
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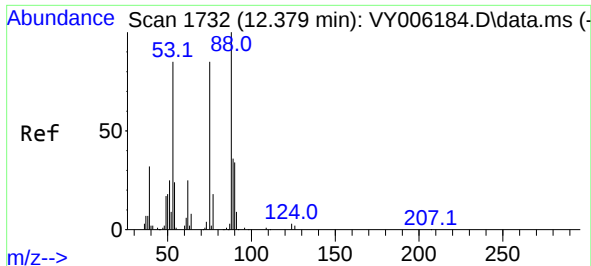
Tgt Ion:152 Resp: 60083
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 64.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

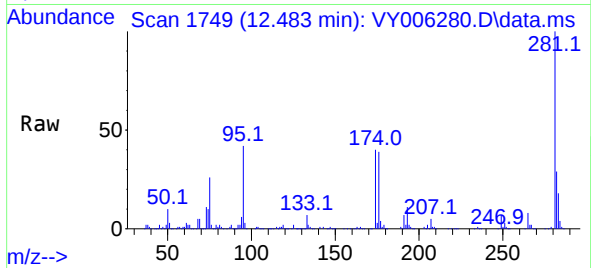
Tgt Ion: 75 Resp: 37747
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006280.D
Acq: 04 Oct 2021 16:45

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-4



Tgt Ion: 75 Resp: 37747
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.9 37.0 55.4#

