

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006282.D
 Acq On : 04 Oct 2021 17:32
 Operator : SY/MD
 Sample : M4056-08
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-6

Quant Time: Oct 05 06:38:07 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)

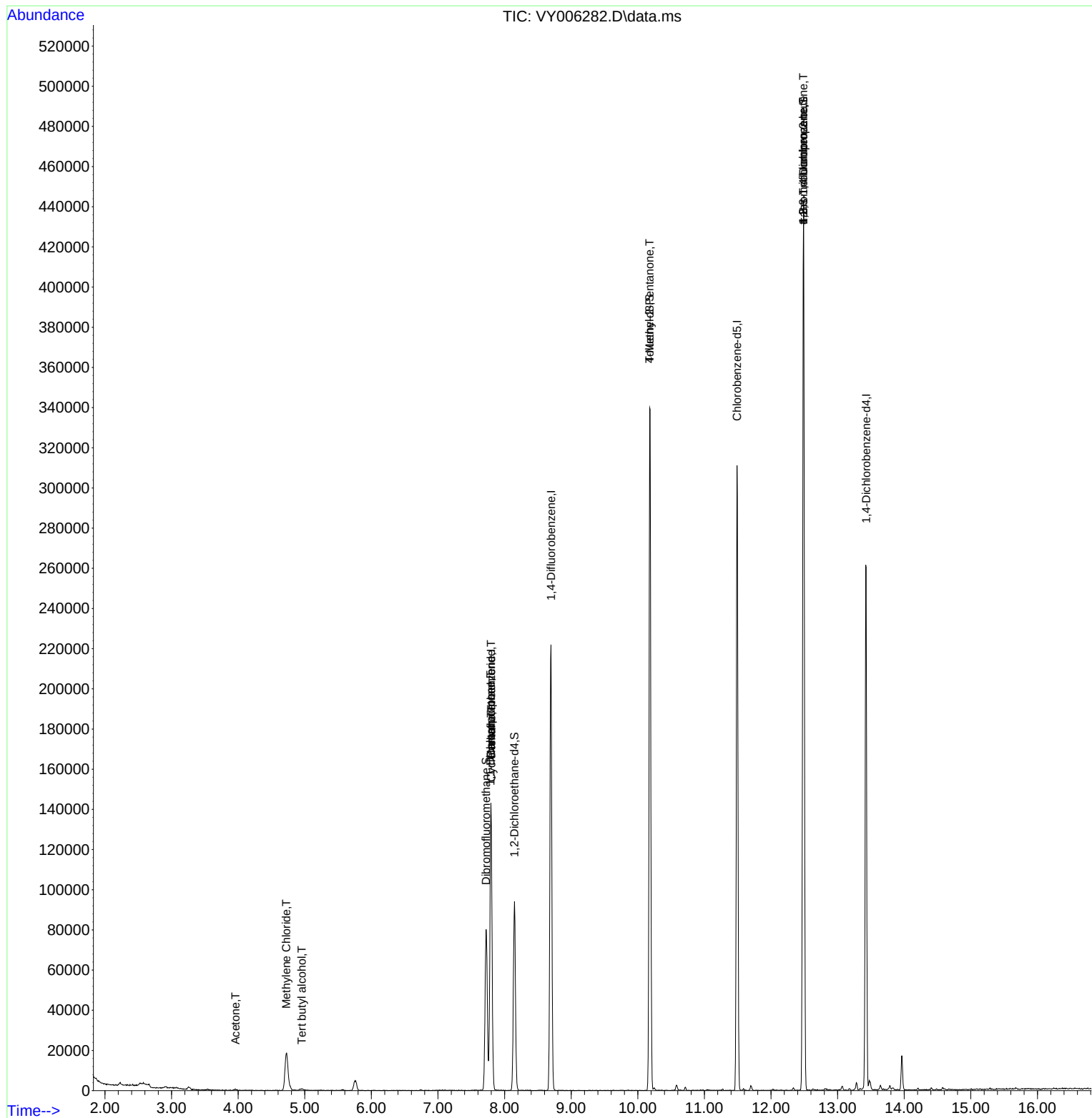
Internal Standards						
1) Pentafluorobenzene	7.795	168	110905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77917	65.642	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 131.280%	
35) Dibromofluoromethane	7.721	113	53856	55.734	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 111.460%	
50) Toluene-d8	10.178	98	222906	55.118	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.483	95	65294	47.526	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 95.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1680	16.180	ug/l #	77
16) Acetone	3.960	43	898	2.709	ug/l #	72
20) Methylene Chloride	4.722	84	13354	8.584	ug/l	91
31) Cyclohexane	7.801	56	2470	1.098	ug/l #	23
36) 1,1-Dichloropropene	7.789	75	8184	4.548	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10763	5.664	ug/l #	17
51) 4-Methyl-2-Pentanone	10.178	43	1065	1.020	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40025	63.584	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40025	124.952	ug/l #	8

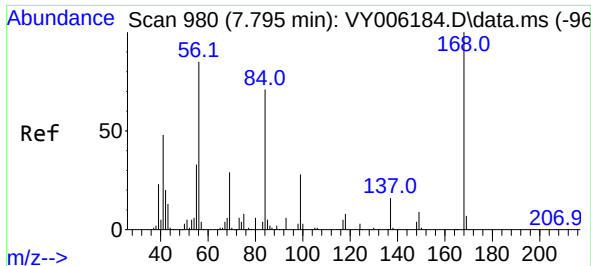
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STOCK-PILE-PENINSULA-1B-6

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Quant Title : SW846 8260
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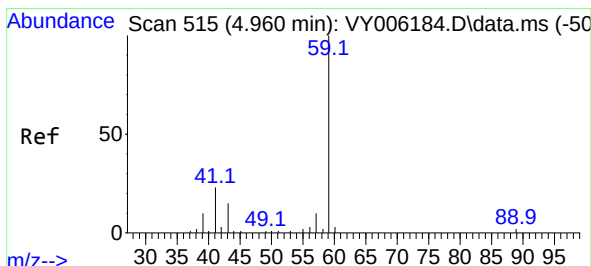
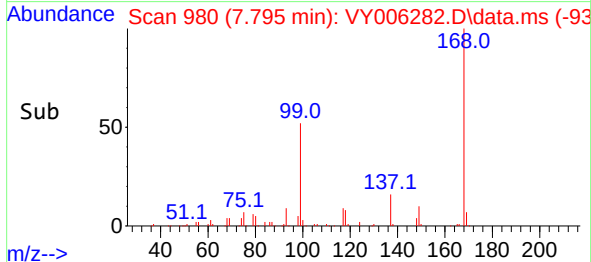
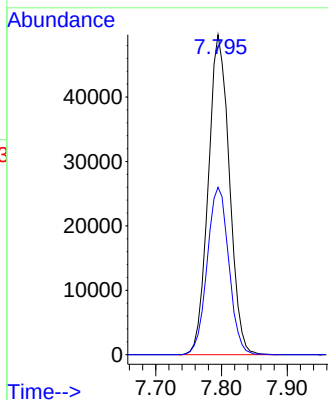
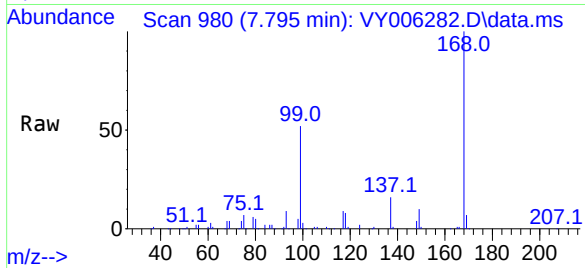




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

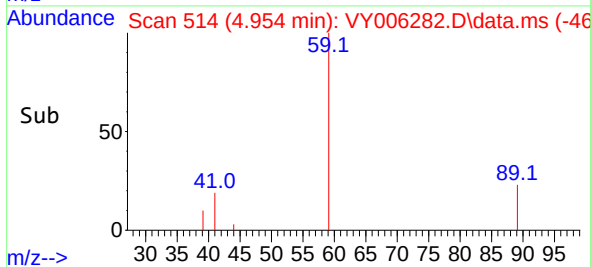
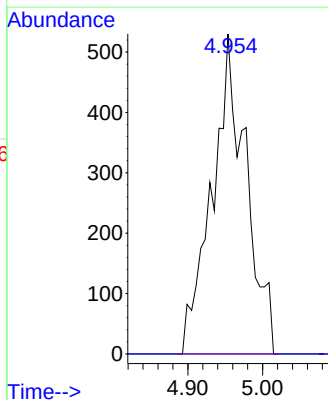
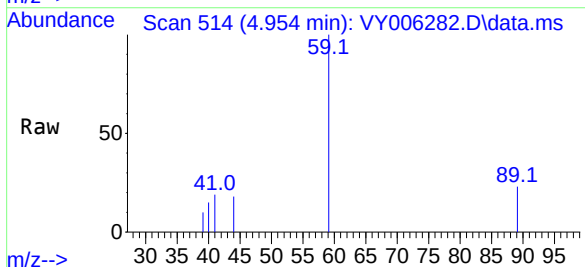
Instrument :
MSVOA_Y
ClientSampleId :
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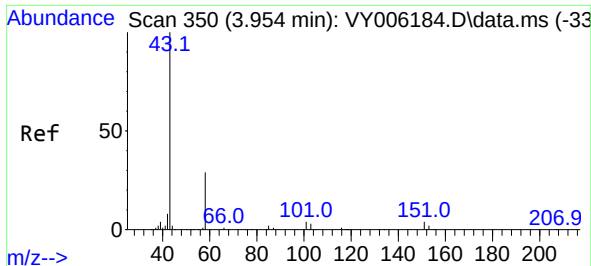
Tgt Ion:168 Resp: 110905
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 16.180 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 59 Resp: 1680
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

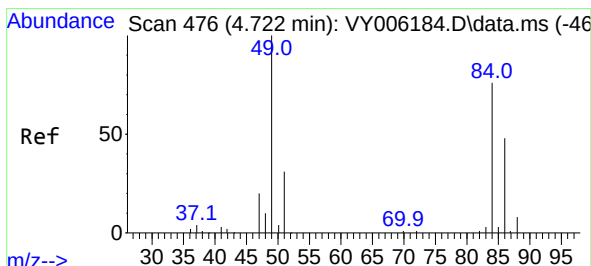
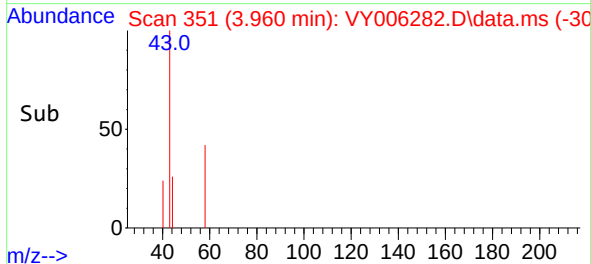
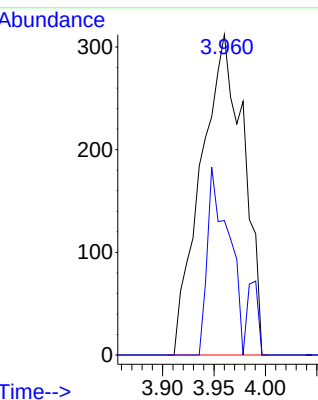
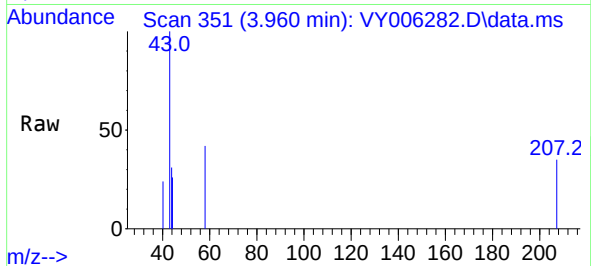




#16
Acetone
Concen: 2.709 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

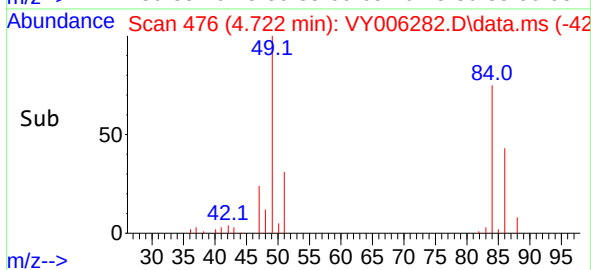
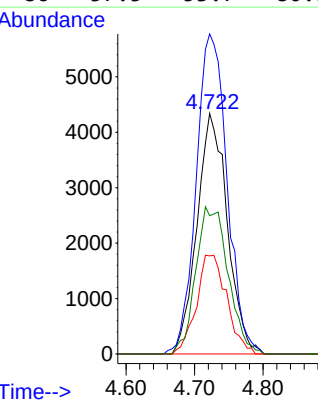
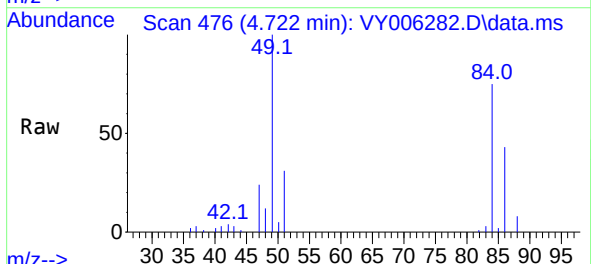
Instrument :
MSVOA_Y
ClientSampleId :
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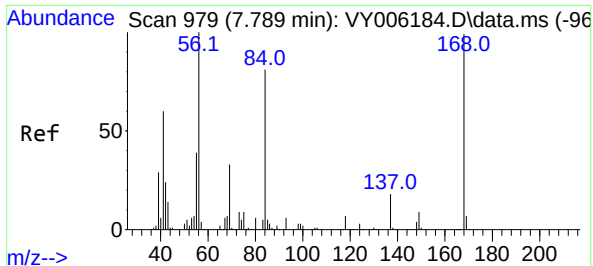
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 42.0 22.0 33.0#



#20
Methylene Chloride
Concen: 8.584 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

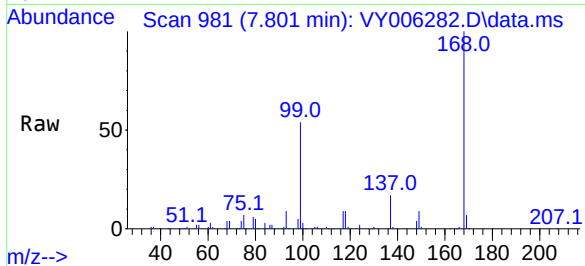
Tgt Ion: 84 Resp: 13354
Ion Ratio Lower Upper
84 100
49 133.0 114.4 171.6
51 40.8 35.3 52.9
86 57.5 53.7 80.5



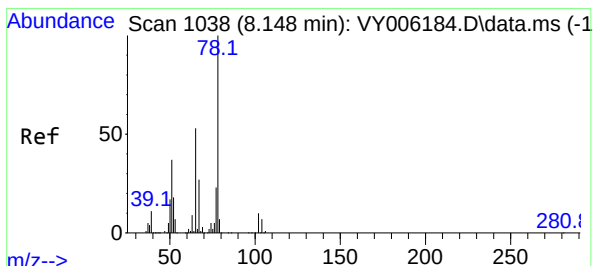
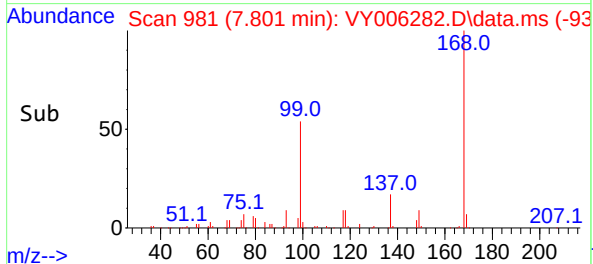
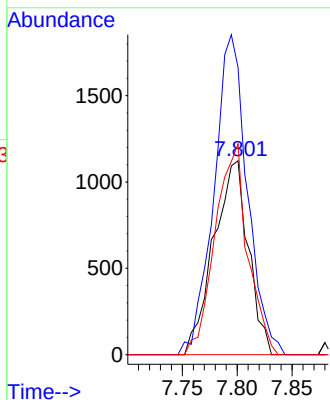


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6

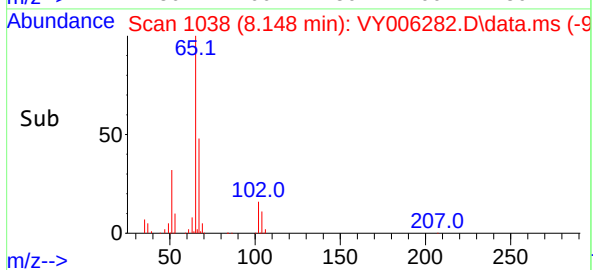
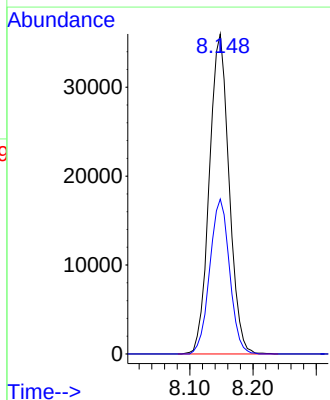
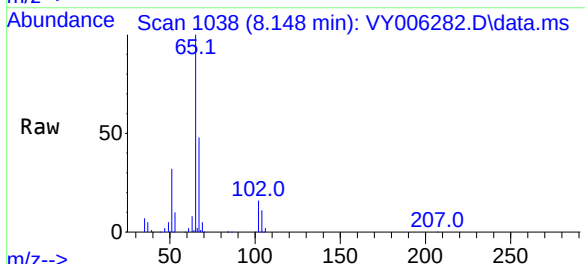


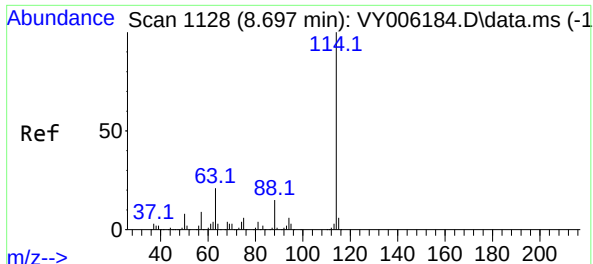
Tgt Ion: 56 Resp: 2470
Ion Ratio Lower Upper
56 100
69 148.1 26.7 40.1#
84 108.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.642 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 65 Resp: 77917
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4

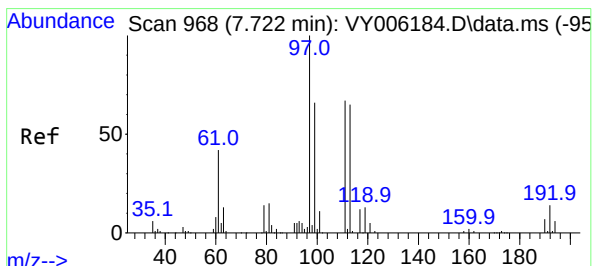
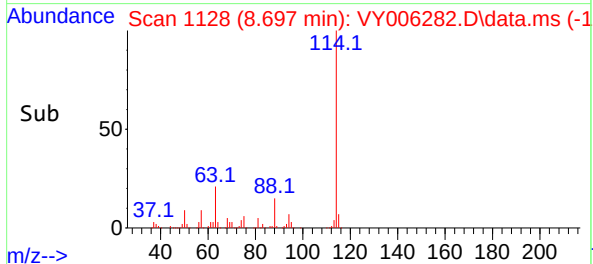
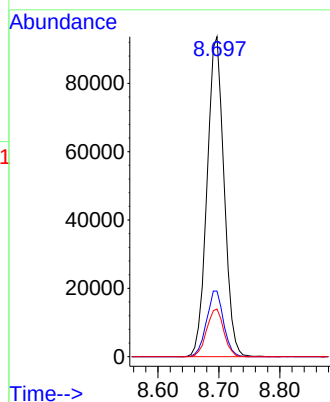
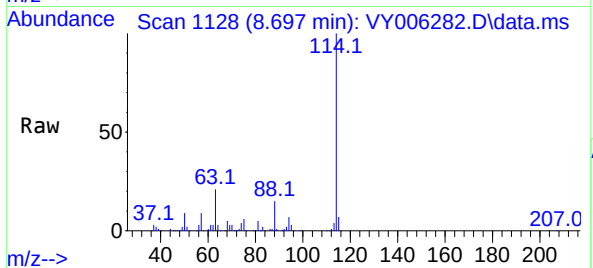




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

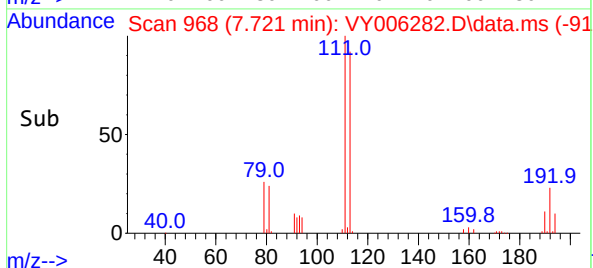
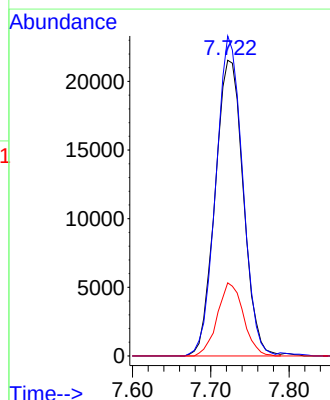
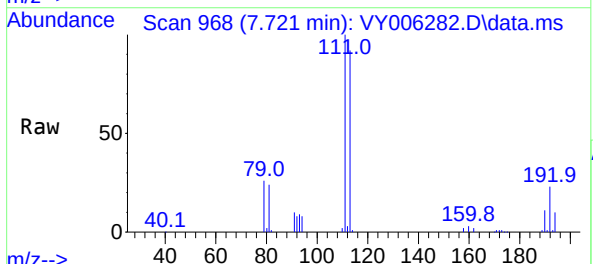
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6

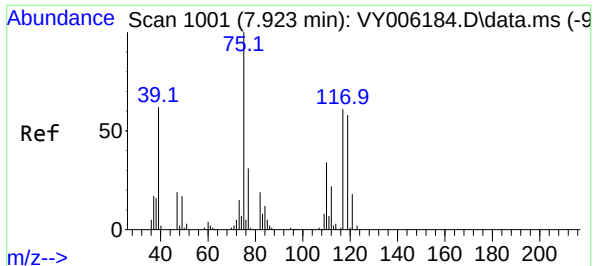
Tgt Ion:	114	Resp:	180867
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.734 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion:	113	Resp:	53856
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	22.8	17.6	26.4

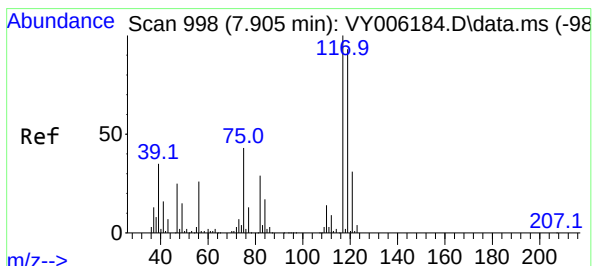
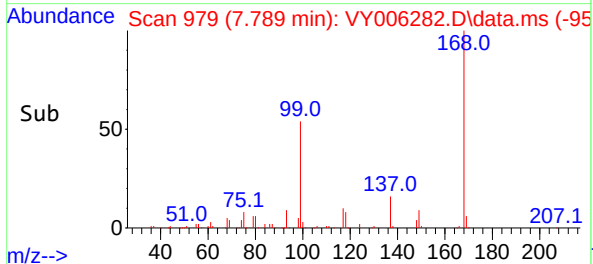
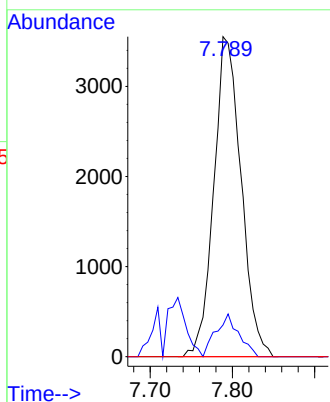
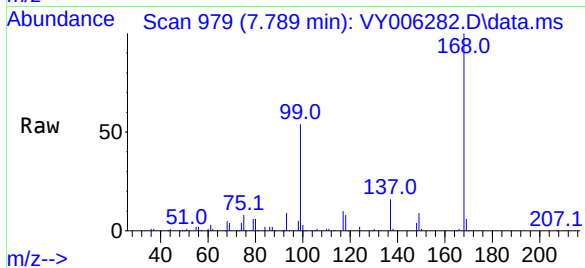




#36
1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

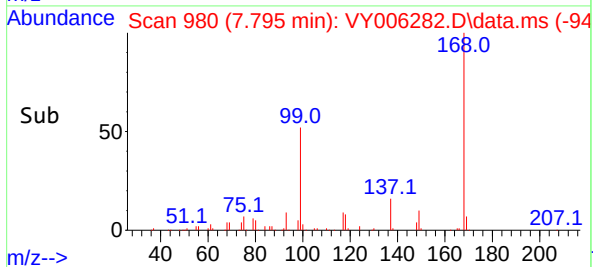
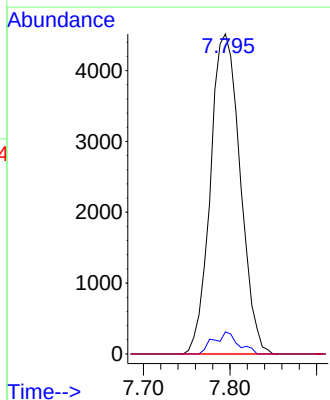
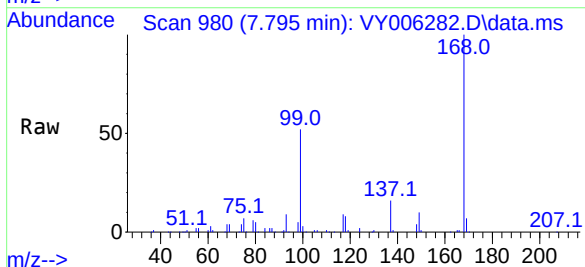
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MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6

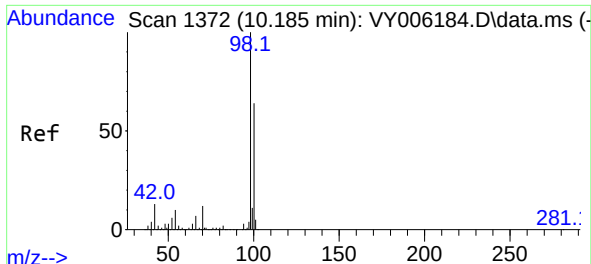
Tgt Ion: 75 Resp: 8184
Ion Ratio Lower Upper
75 100
110 11.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 117 Resp: 10763
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#

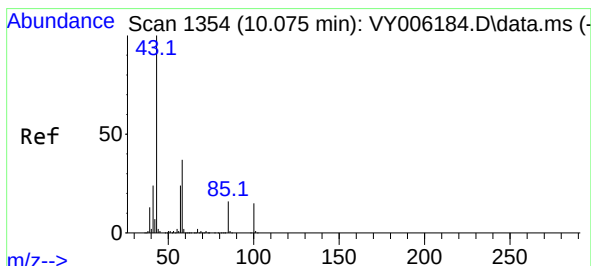
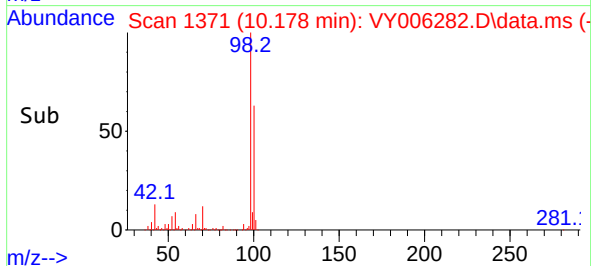
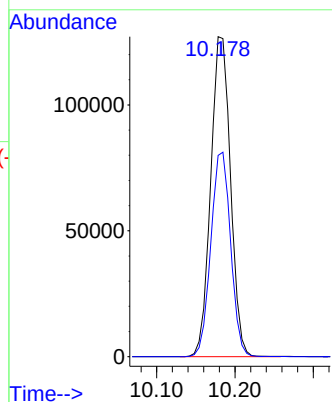
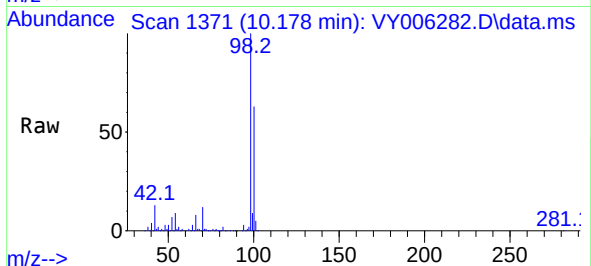




#50
Toluene-d8
Concen: 55.118 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

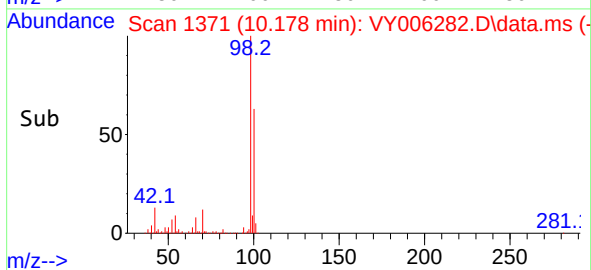
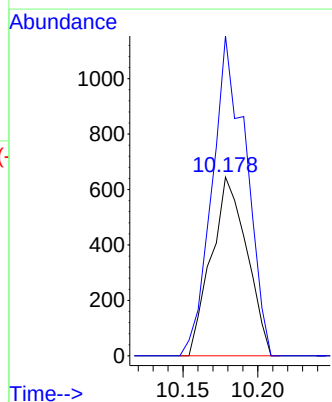
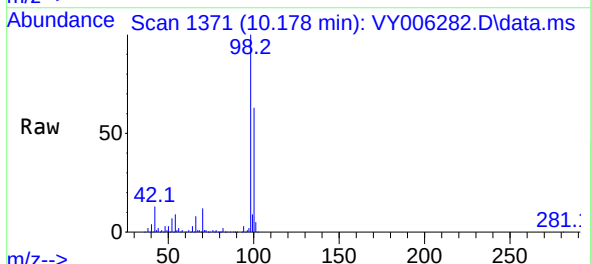
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STOCK-PILE-PENINSULA-1B-6

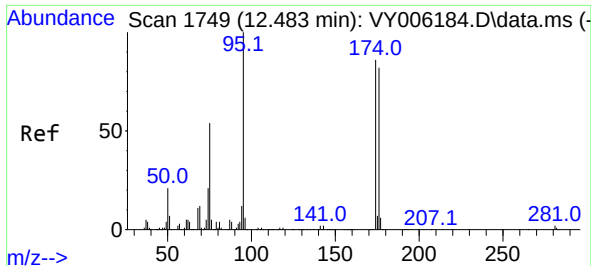
Tgt Ion: 98 Resp: 222906
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 170.8 28.1 42.1#



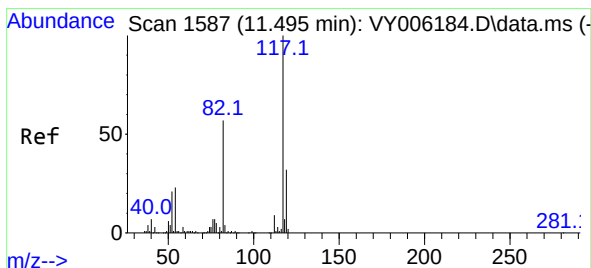
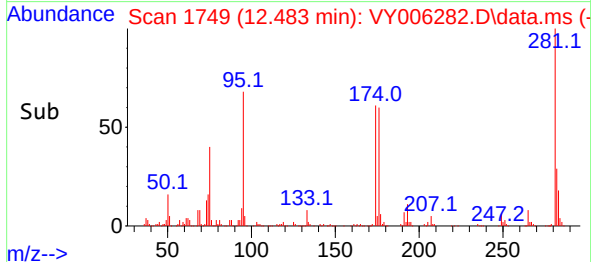
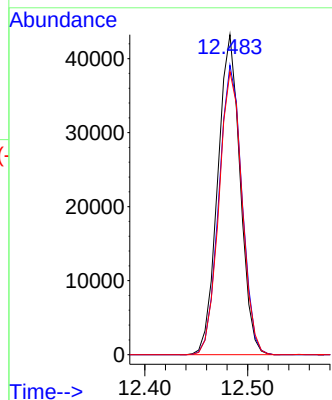
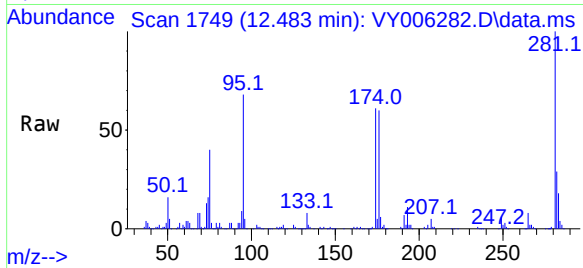


#62
4-Bromofluorobenzene
Concen: 47.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6

Tgt Ion: 95 Resp: 65294

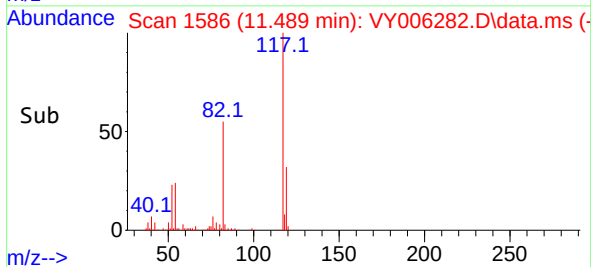
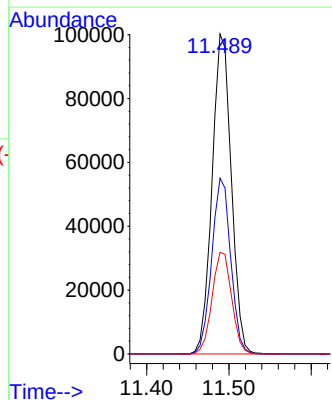
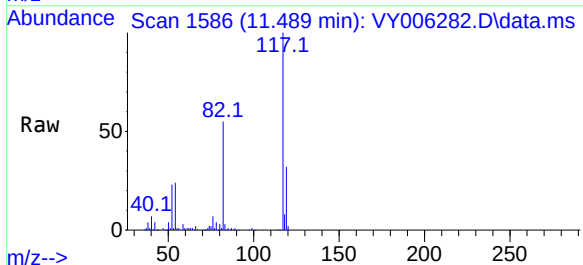
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	177.0
176	90.9	0.0	175.8

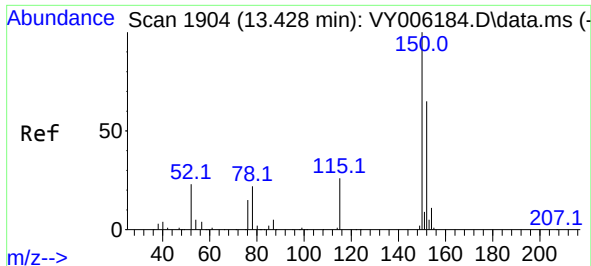


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 117 Resp: 162566

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	31.8	25.4	38.0

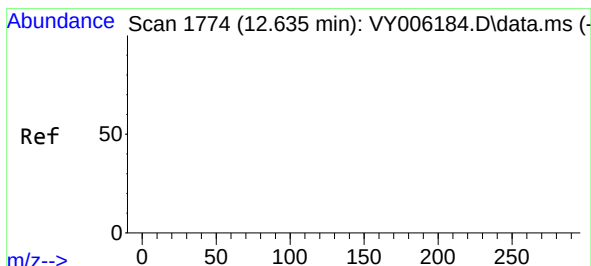
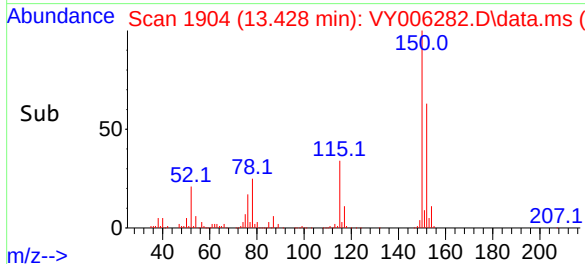
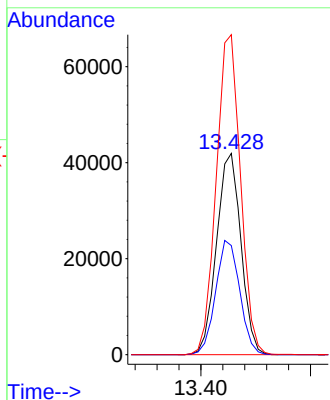
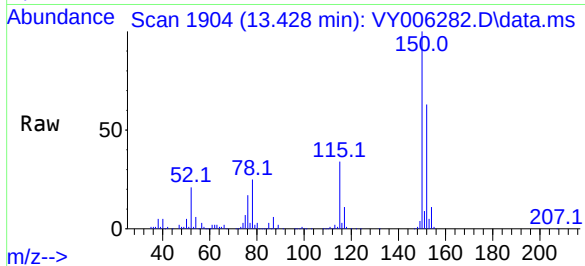




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

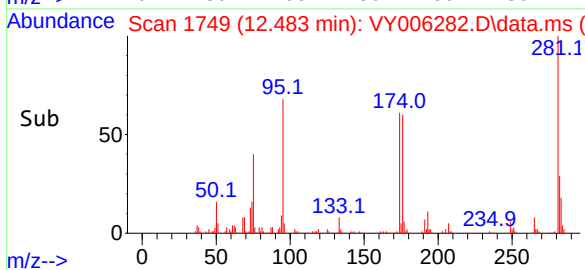
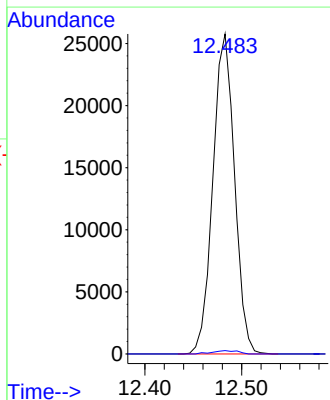
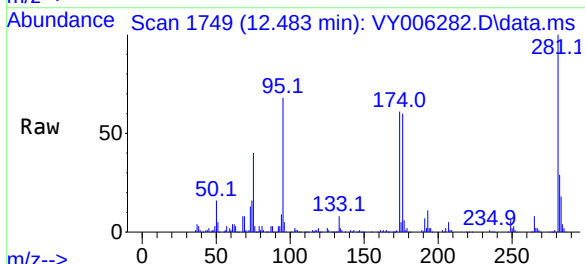
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6

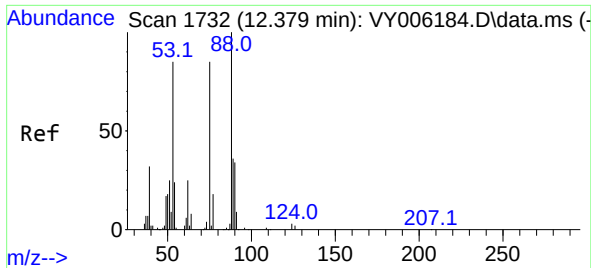
Tgt Ion:152 Resp: 64765
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 63.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

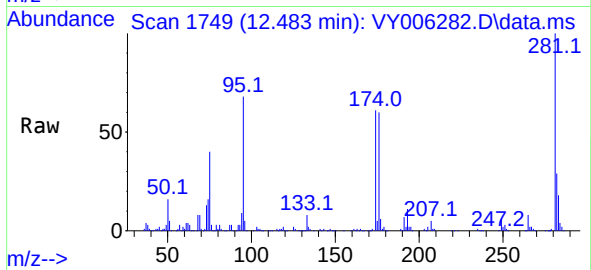
Tgt Ion: 75 Resp: 40025
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.952 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-6



Tgt Ion: 75 Resp: 40025
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.6 37.0 55.4#

