

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006278.D
 Acq On : 04 Oct 2021 15:59
 Operator : SY/MD
 Sample : M4056-04
 Misc : 5.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-2

Quant Time: Oct 05 06:37:34 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	7.844	168	96396	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	153883	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.496	117	139179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	67008	64.948	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.900%	
35) Dibromofluoromethane	7.765	113	47994	58.377	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.760%	
50) Toluene-d8	10.197	98	191383	55.622	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	12.483	95	57460	49.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.320%	

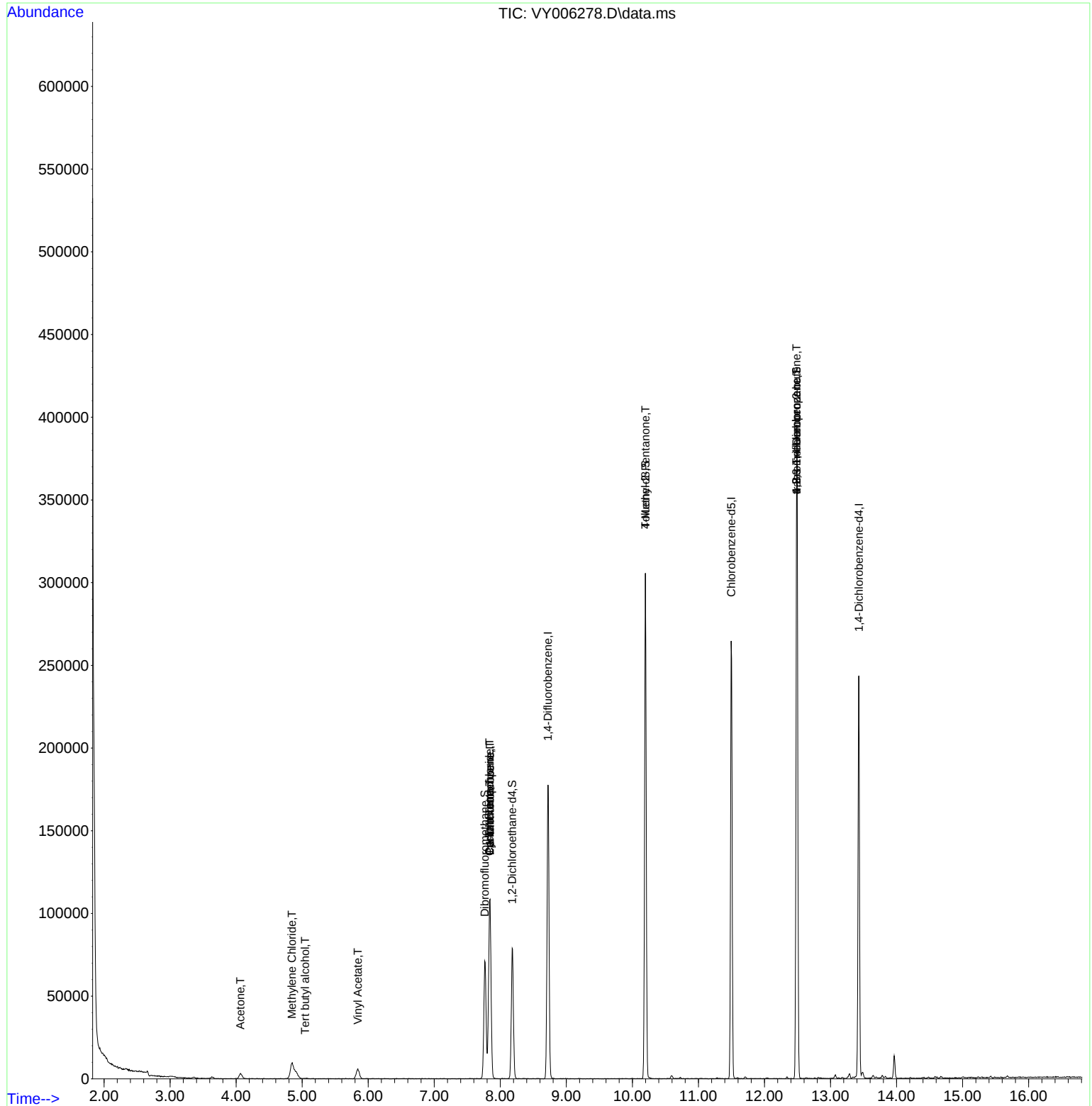
Target Compounds						Qvalue
11) Tert butyl alcohol	5.046	59	347	3.845	ug/l #	77
16) Acetone	4.064	43	6636	23.029	ug/l #	89
20) Methylene Chloride	4.844	84	11484	8.450	ug/l #	92
23) Vinyl Acetate	5.844	43	2422	1.176	ug/l #	47
31) Cyclohexane	7.838	56	2240	1.146	ug/l #	26
36) 1,1-Dichloropropene	7.844	75	7514	4.908	ug/l #	51
38) Carbon Tetrachloride	7.838	117	9039	5.591	ug/l #	15
51) 4-Methyl-2-Pentanone	10.197	43	1098	1.236	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35041	60.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35041	118.037	ug/l #	8

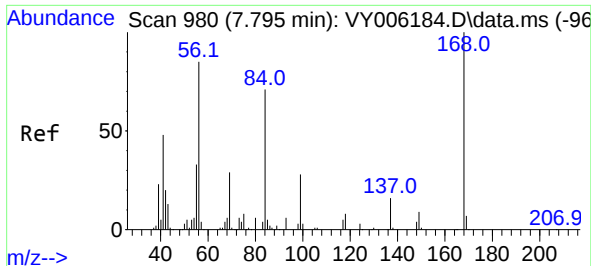
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STOCK-PILE-PENINSULA-1B-2

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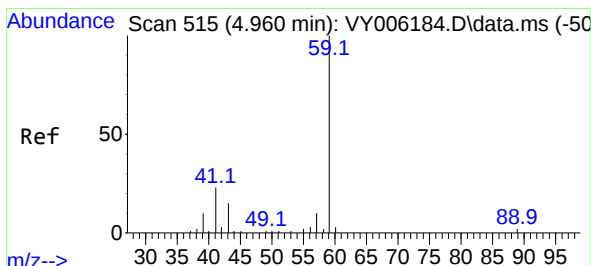
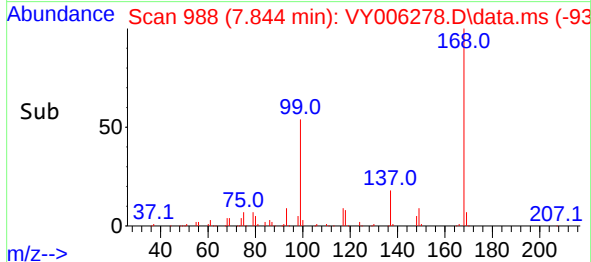
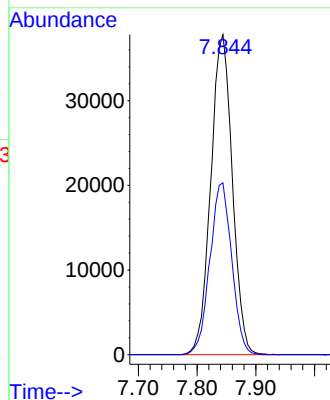
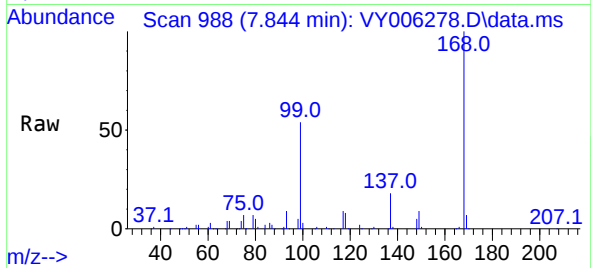




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

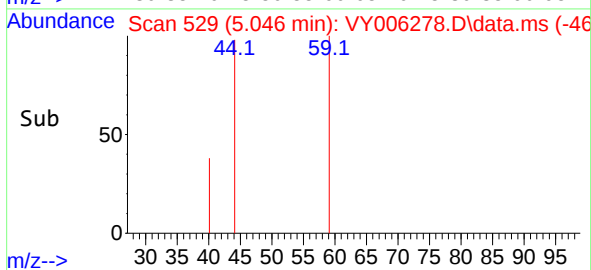
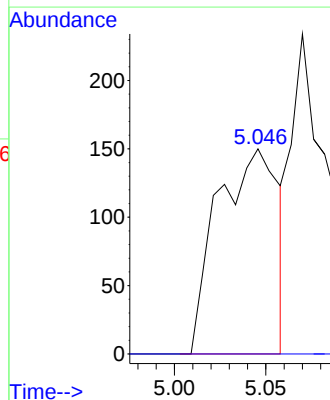
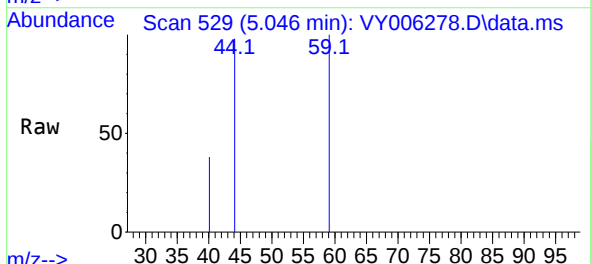
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

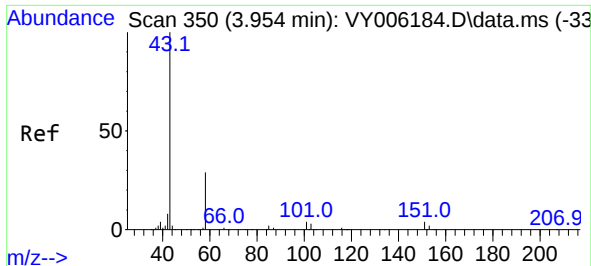
Tgt Ion:168 Resp: 96396
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.845 ug/l
RT: 5.046 min Scan# 529
Delta R.T. 0.086 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

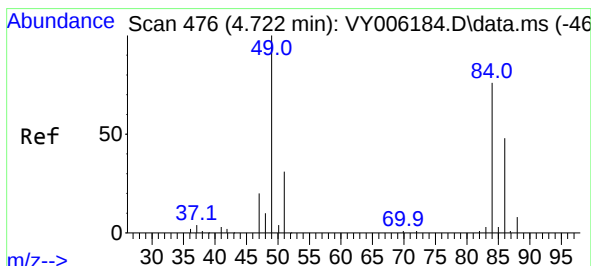
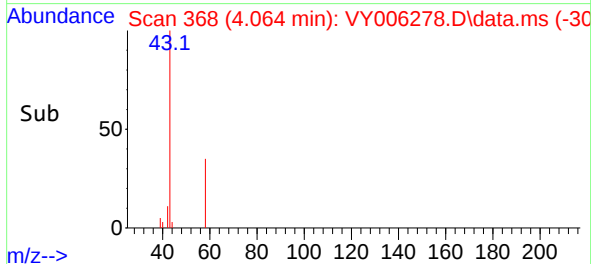
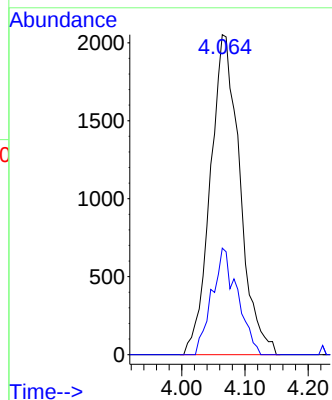
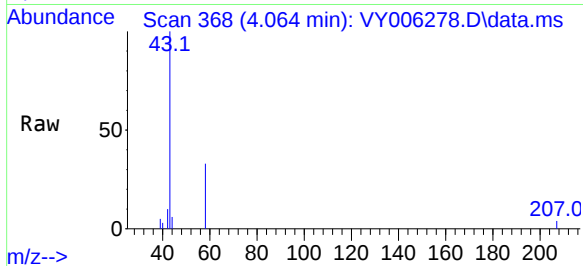




#16
Acetone
Concen: 23.029 ug/l
RT: 4.064 min Scan# 368
Delta R.T. 0.110 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

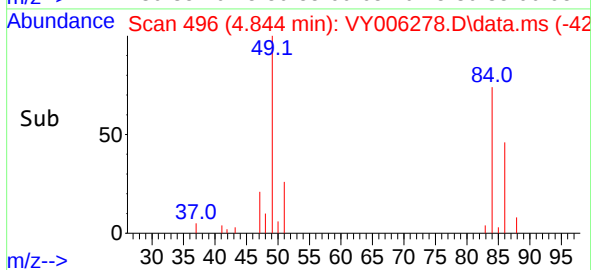
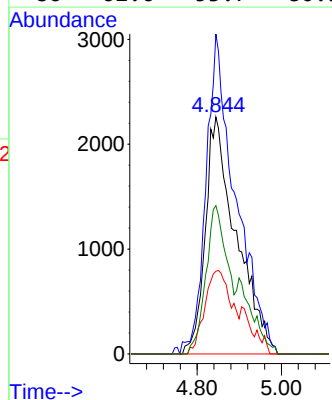
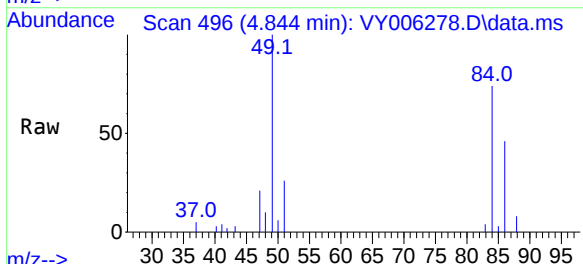
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

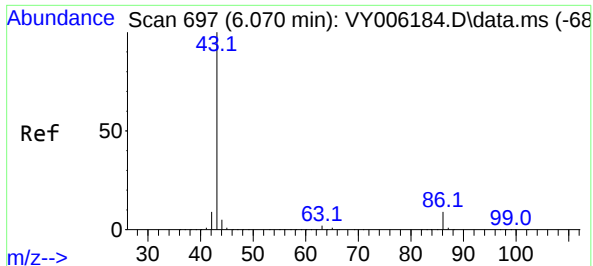
Tgt Ion: 43 Resp: 6636
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#



#20
Methylene Chloride
Concen: 8.450 ug/l
RT: 4.844 min Scan# 496
Delta R.T. 0.122 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 84 Resp: 11484
Ion Ratio Lower Upper
84 100
49 135.0 114.4 171.6
51 34.9 35.3 52.9#
86 62.6 53.7 80.5

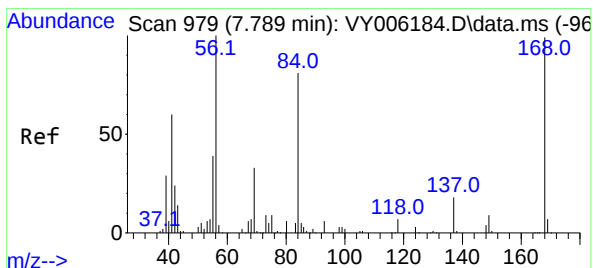
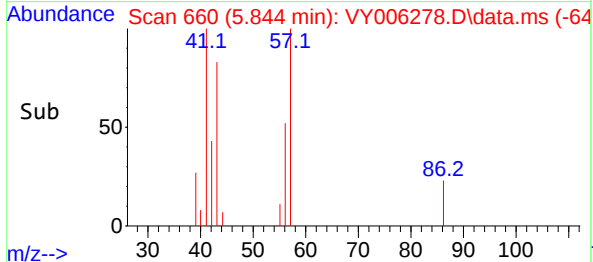
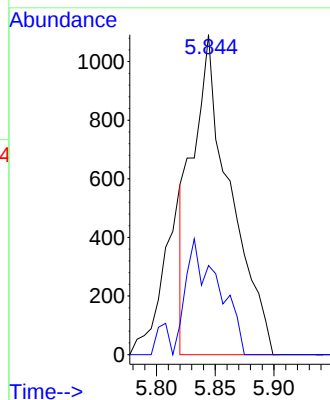
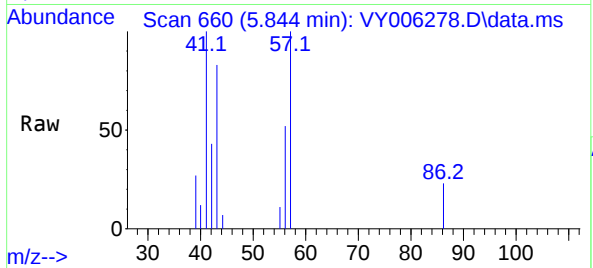




#23
 Vinyl Acetate
 Concen: 1.176 ug/l
 RT: 5.844 min Scan# 660
 Delta R.T. -0.225 min
 Lab File: VY006278.D
 Acq: 04 Oct 2021 15:59

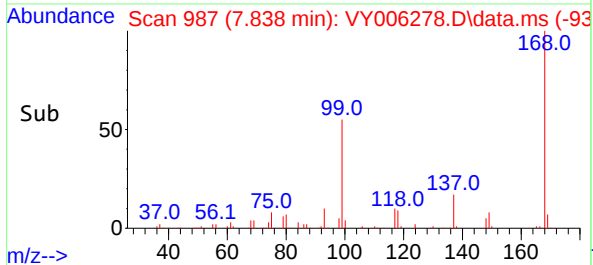
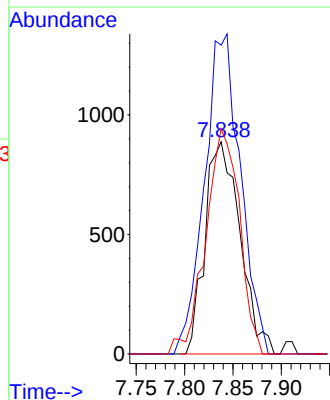
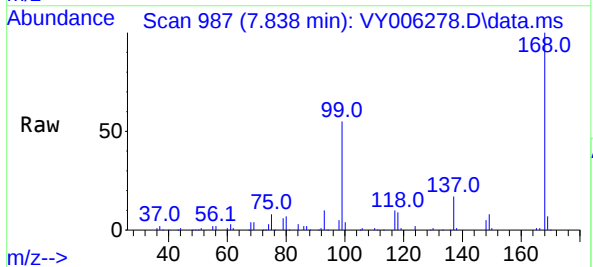
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-2

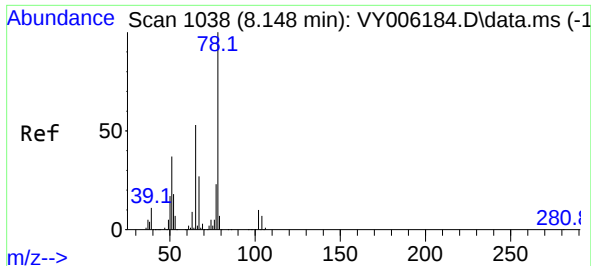
Tgt Ion: 43 Resp: 2422
 Ion Ratio Lower Upper
 43 100
 86 27.8 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.146 ug/l
 RT: 7.838 min Scan# 987
 Delta R.T. 0.049 min
 Lab File: VY006278.D
 Acq: 04 Oct 2021 15:59

Tgt Ion: 56 Resp: 2240
 Ion Ratio Lower Upper
 56 100
 69 145.5 26.7 40.1#
 84 106.1 67.2 100.8#

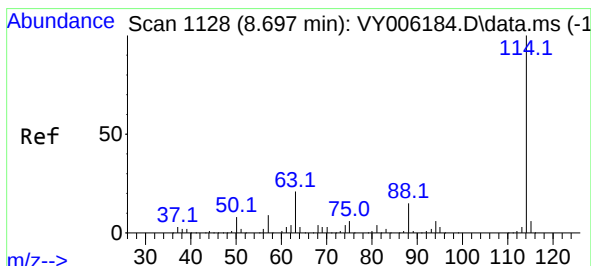
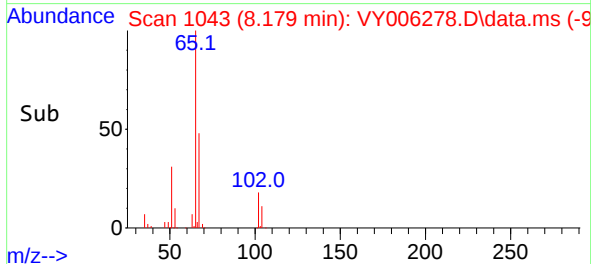
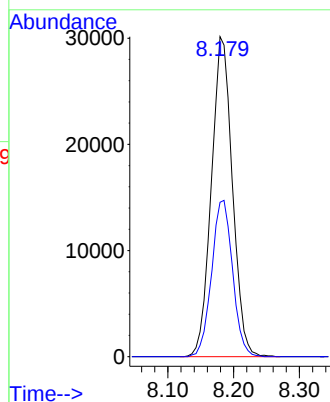
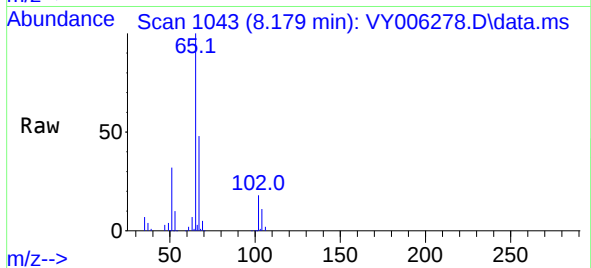




#33
1,2-Dichloroethane-d4
Concen: 64.948 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.031 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

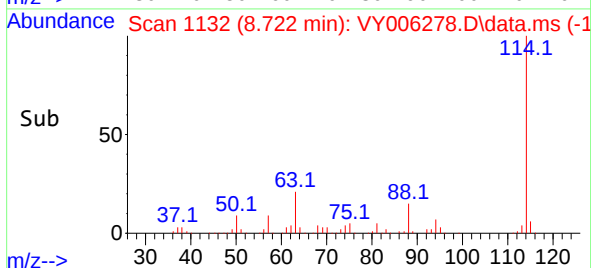
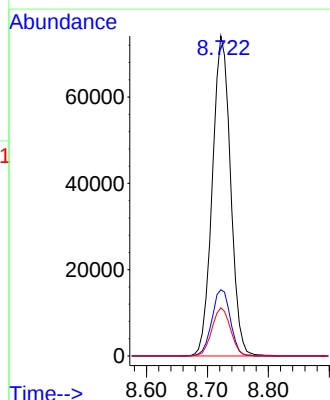
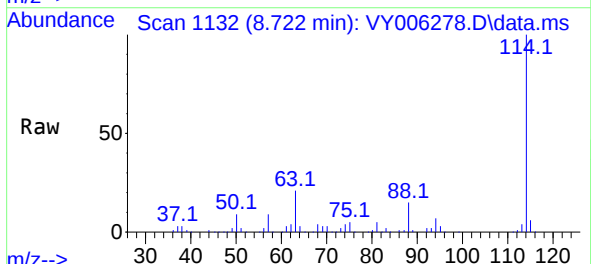
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

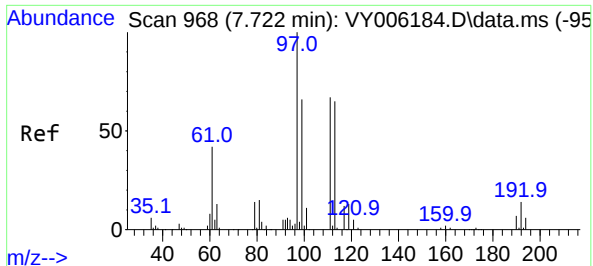
Tgt Ion: 65 Resp: 67008
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.025 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 114 Resp: 153883
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.0 0.0 31.8

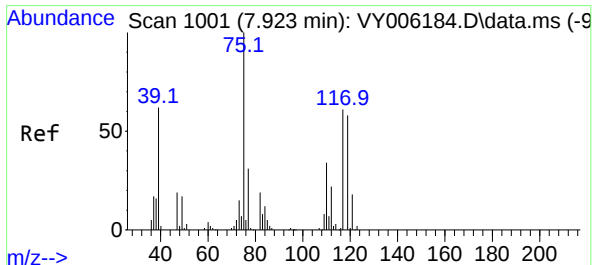
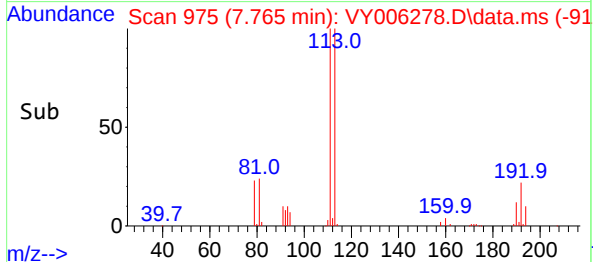
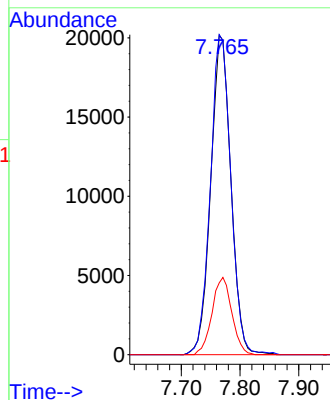
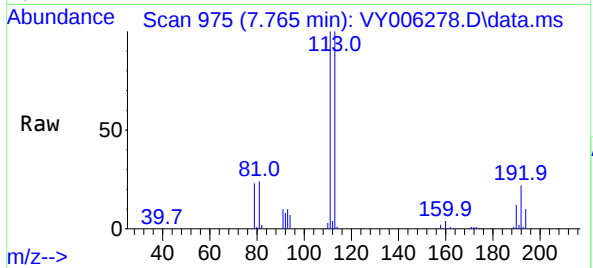




#35
Dibromofluoromethane
Concen: 58.377 ug/l
RT: 7.765 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

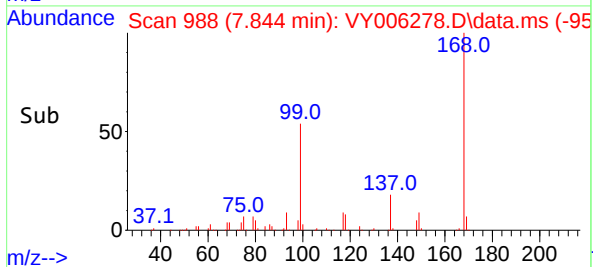
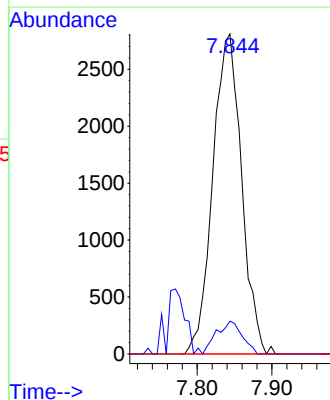
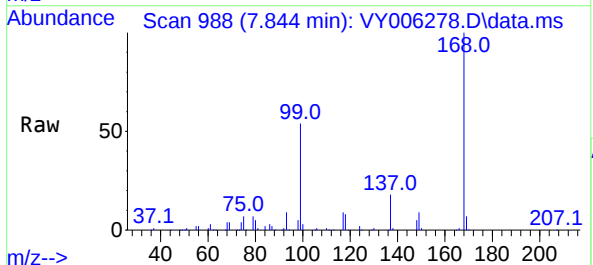
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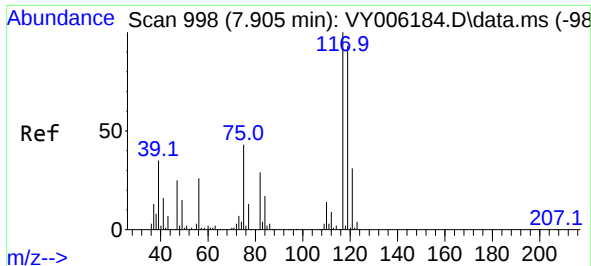
Tgt Ion:113 Resp: 47994
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 7.844 min Scan# 988
Delta R.T. -0.079 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

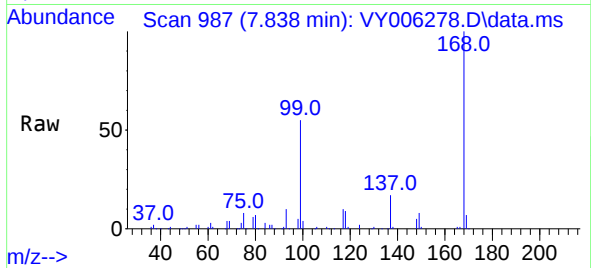
Tgt Ion: 75 Resp: 7514
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



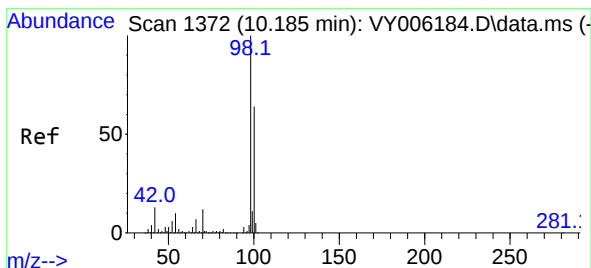
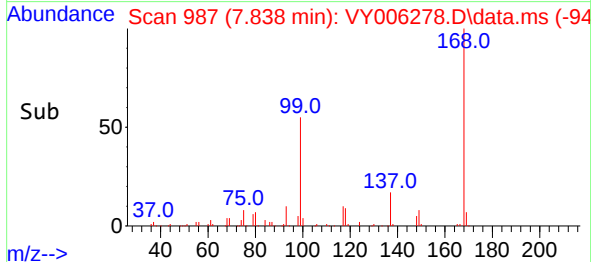
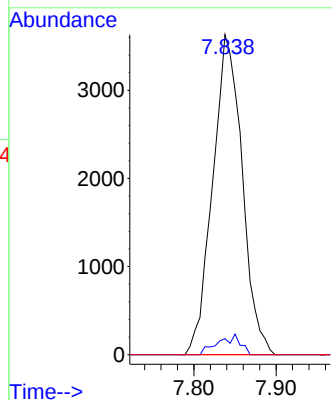


#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 7.838 min Scan# 987
Delta R.T. -0.067 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Instrument :
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ClientSampleId :
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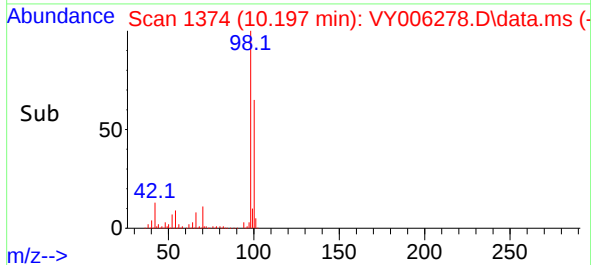
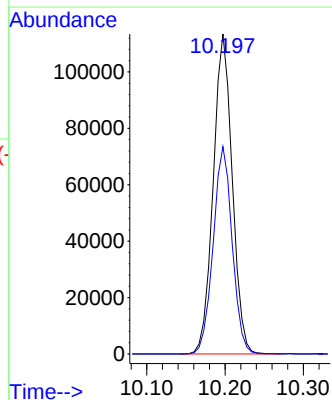
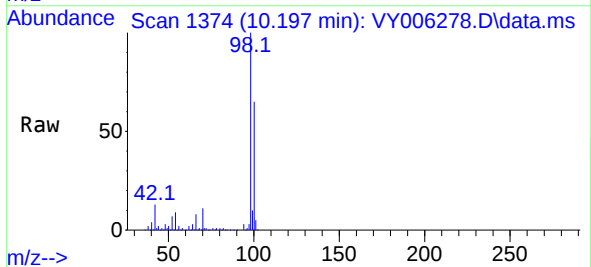


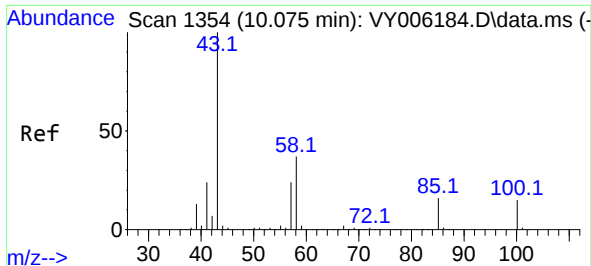
Tgt Ion:117 Resp: 9039
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.622 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 98 Resp: 191383
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

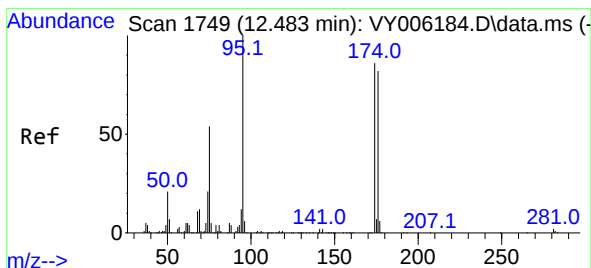
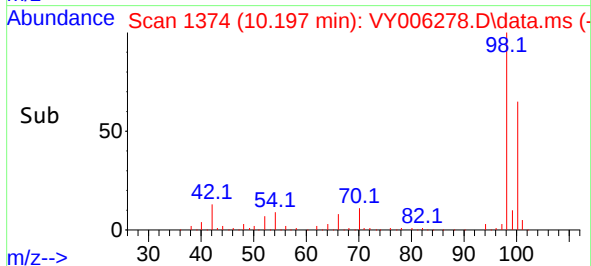
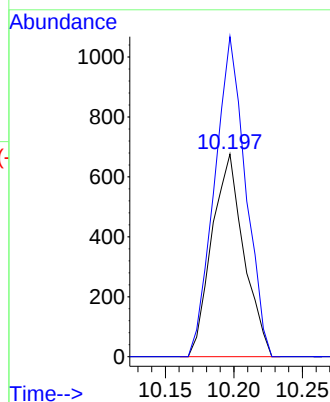
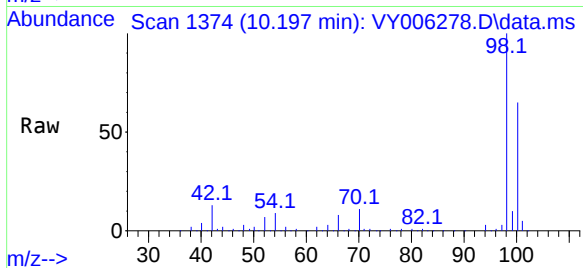




#51
4-Methyl-2-Pentanone
Concen: 1.236 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.122 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

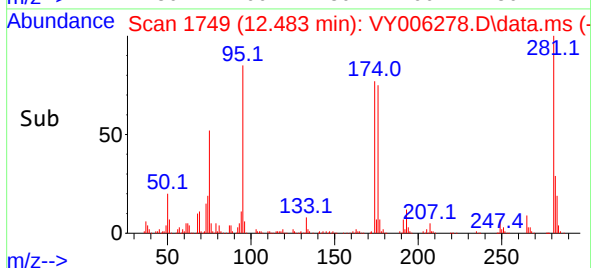
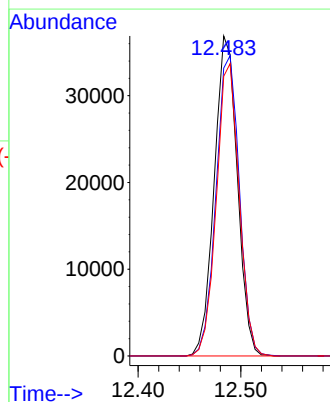
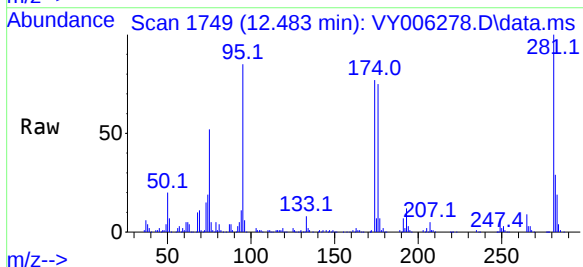
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

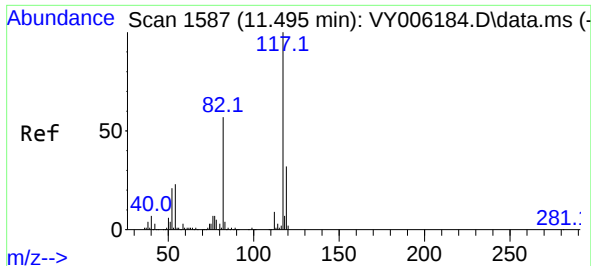
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 154.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion: 95 Resp: 57460
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 90.0 0.0 175.8

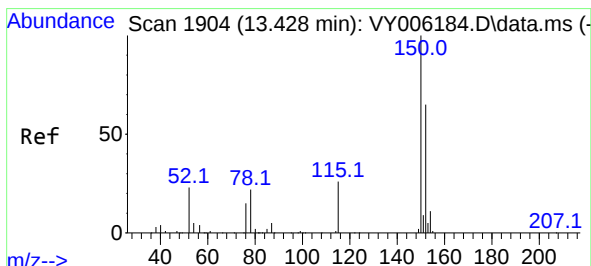
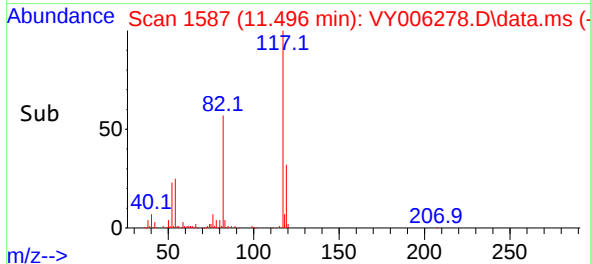
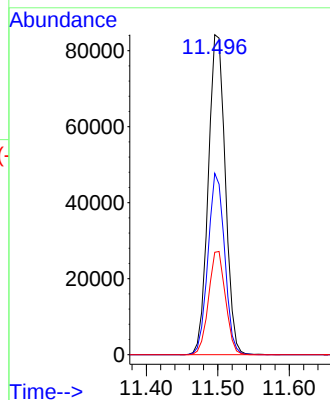
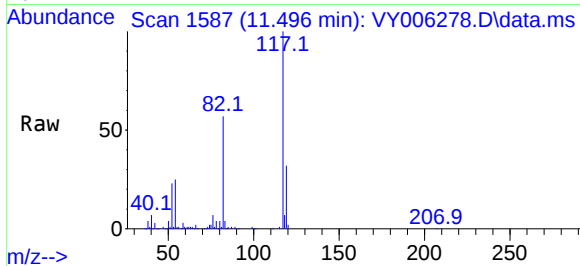




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

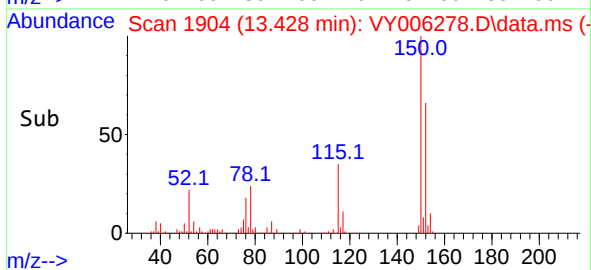
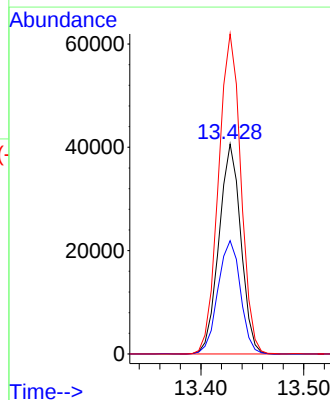
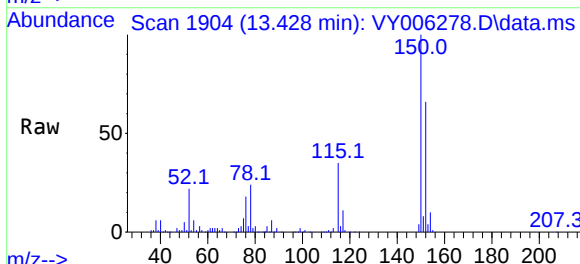
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-2

Tgt Ion:	117	Resp:	139179
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.4
119	32.0	25.4	38.0

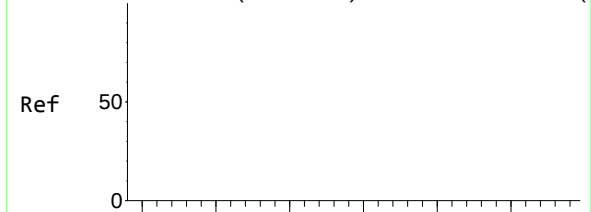


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006278.D
Acq: 04 Oct 2021 15:59

Tgt Ion:	152	Resp:	60022
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	155.8	0.0	347.6

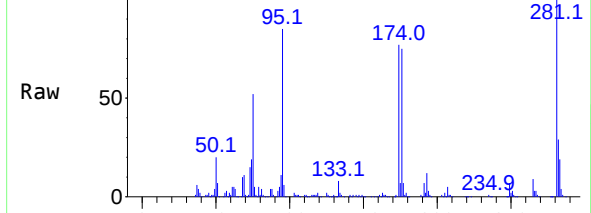


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



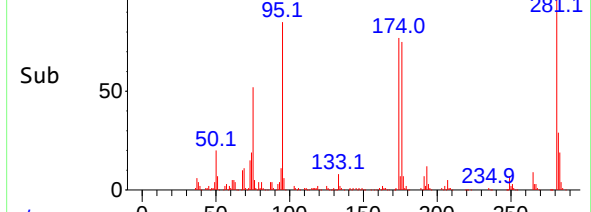
m/z-->

Abundance Scan 1749 (12.483 min): VY006278.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006278.D\data.ms (-



m/z-->

#76

1,2,3-Trichloropropane

Concen: 60.065 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006278.D

Acq: 04 Oct 2021 15:59

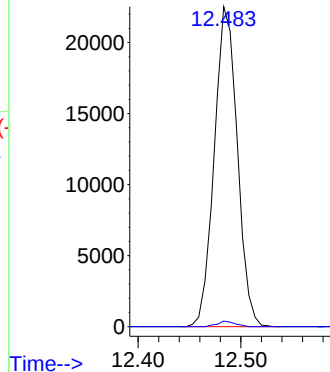
Tgt Ion: 75 Resp: 35041

Ion Ratio Lower Upper

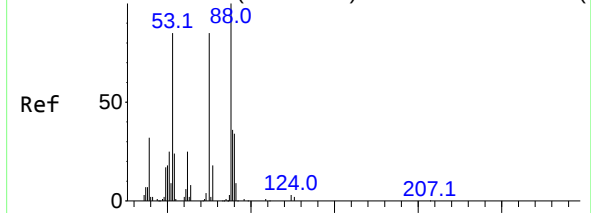
75 100

77 1.3 0.0 0.0#

Abundance

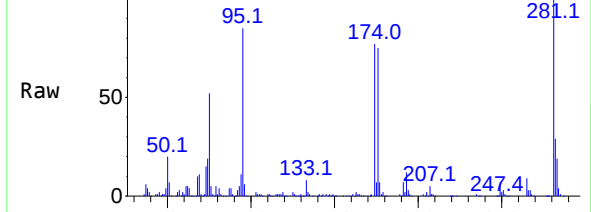


Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



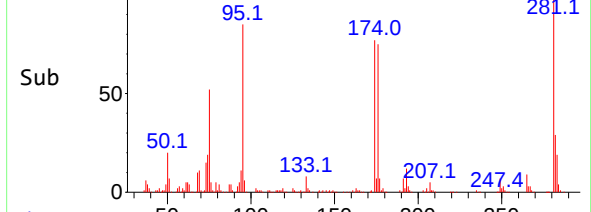
m/z-->

Abundance Scan 1749 (12.483 min): VY006278.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006278.D\data.ms (-



m/z-->

#81

trans-1,4-Dichloro-2-butene

Concen: 118.037 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006278.D

Acq: 04 Oct 2021 15:59

Tgt Ion: 75 Resp: 35041

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 1.6 37.0 55.4#

Abundance

