

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006286.D
 Acq On : 04 Oct 2021 19:05
 Operator : SY/MD
 Sample : M4056-12
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-10

Quant Time: Oct 05 06:38:39 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)

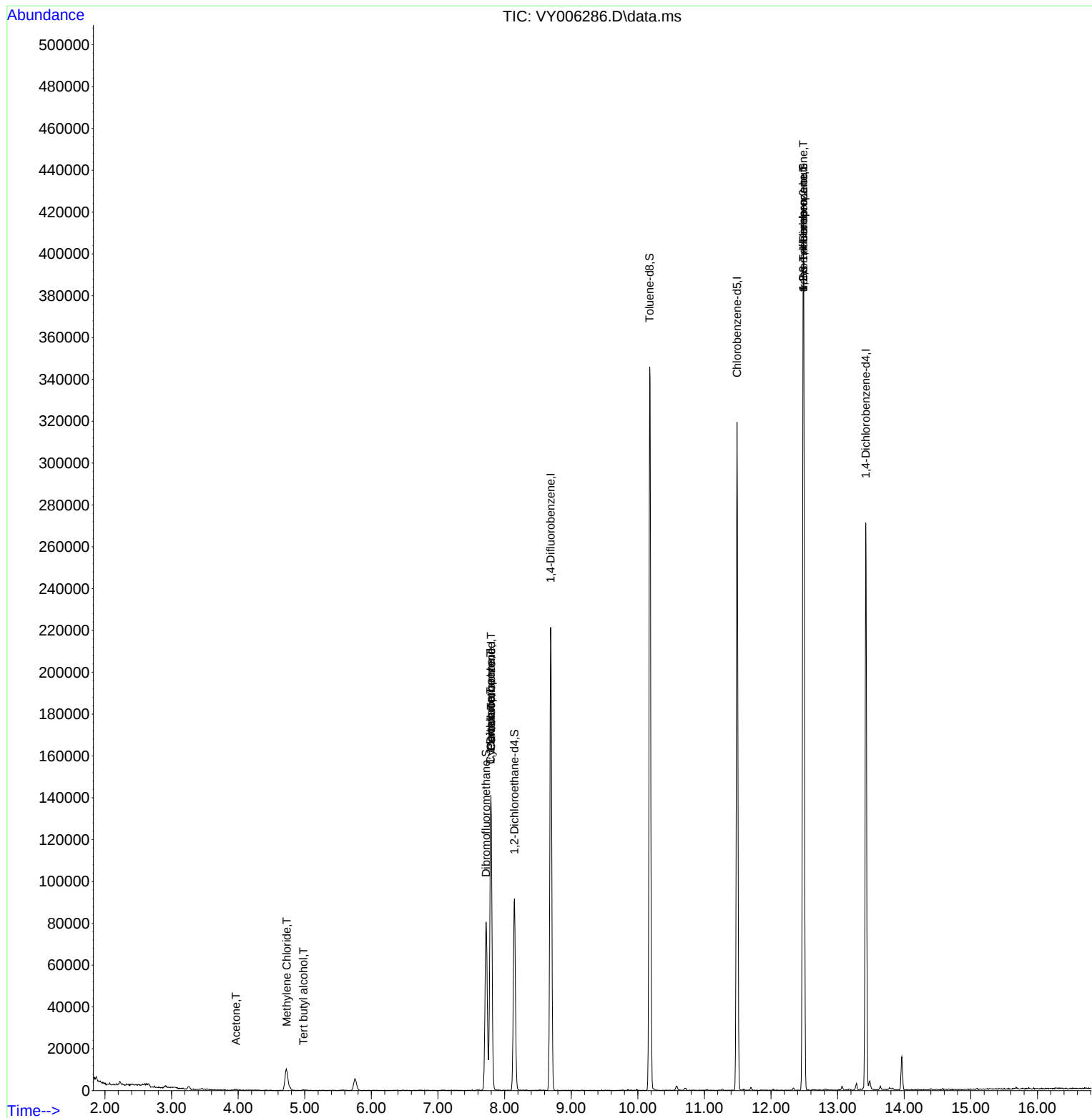
Internal Standards						
1) Pentafluorobenzene	7.795	168	110691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76043	64.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.380%	
35) Dibromofluoromethane	7.722	113	53752	55.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.179	98	225303	55.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.483	95	66150	48.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	602	5.809	ug/l #	77
16) Acetone	3.967	43	875	2.644	ug/l	94
20) Methylene Chloride	4.729	84	7097	2.679	ug/l	82
31) Cyclohexane	7.789	56	2614	1.165	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	8370	4.673	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10634	5.623	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	39700	62.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39700	122.054	ug/l #	8

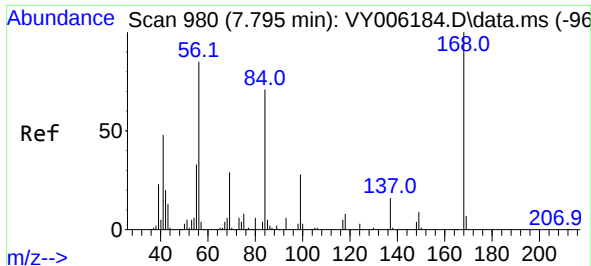
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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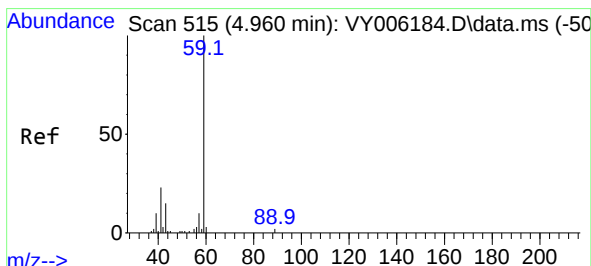
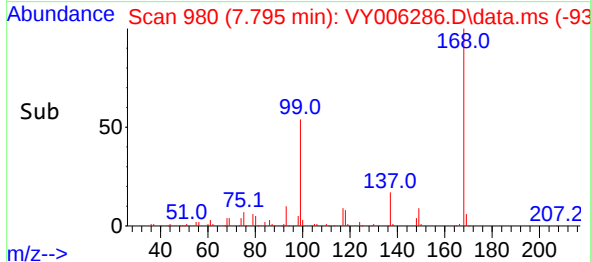
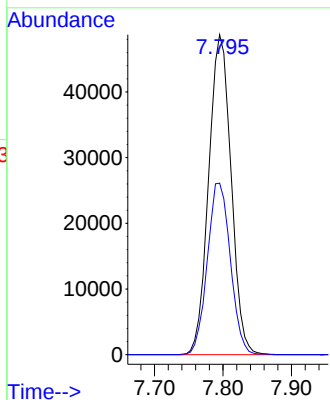
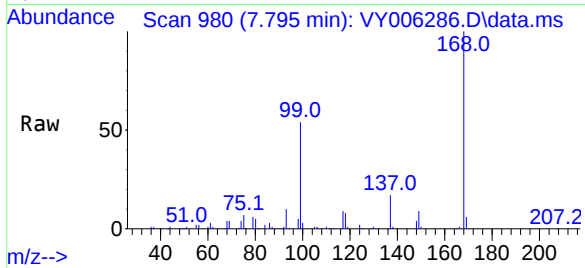




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

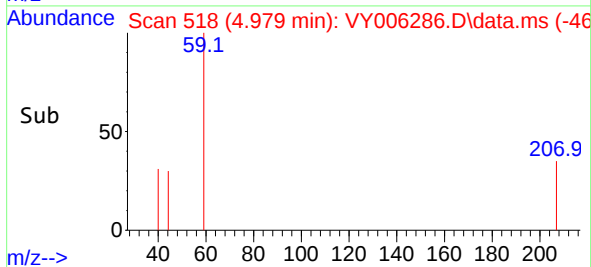
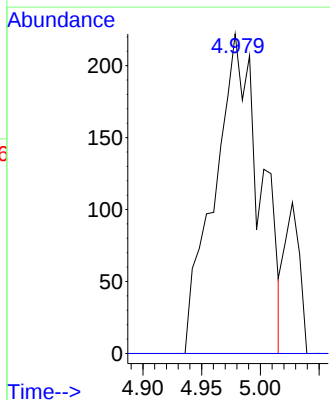
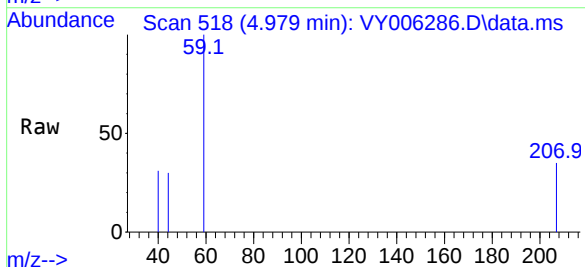
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

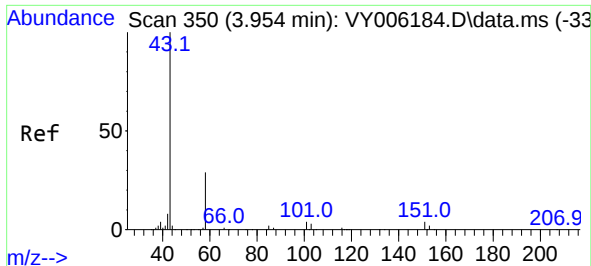
Tgt Ion:168 Resp: 110691
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 5.809 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

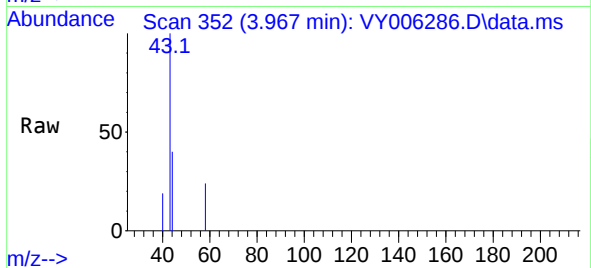
Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



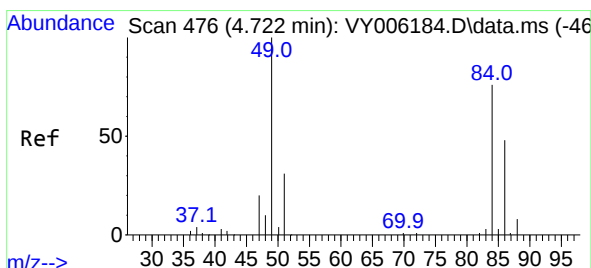
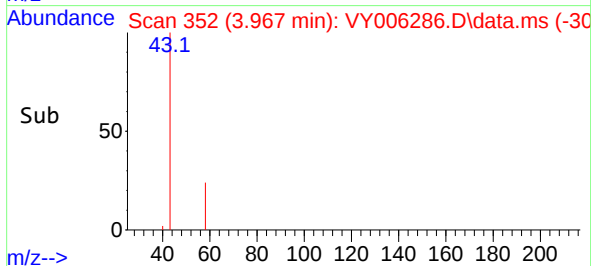
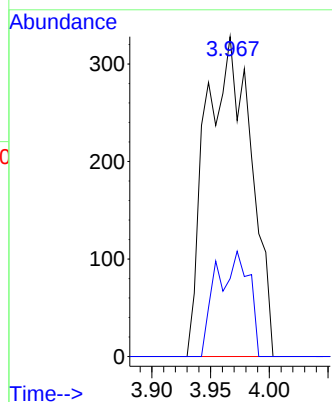


#16
Acetone
Concen: 2.644 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

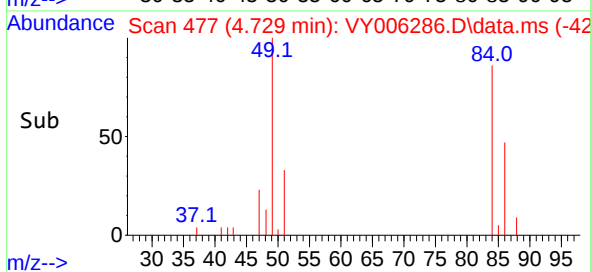
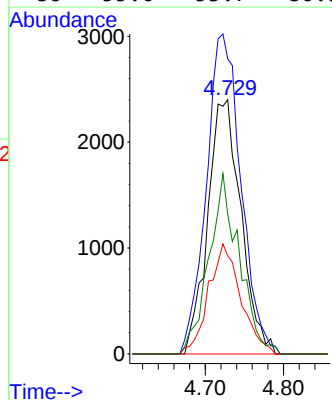
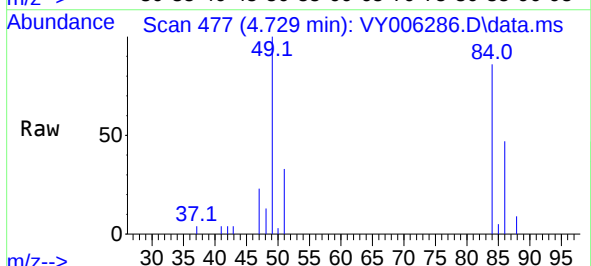


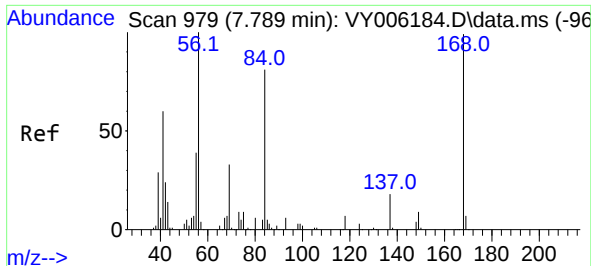
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 24.4 22.0 33.0



#20
Methylene Chloride
Concen: 2.679 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 84 Resp: 7097
Ion Ratio Lower Upper
84 100
49 116.1 114.4 171.6
51 38.7 35.3 52.9
86 55.0 53.7 80.5

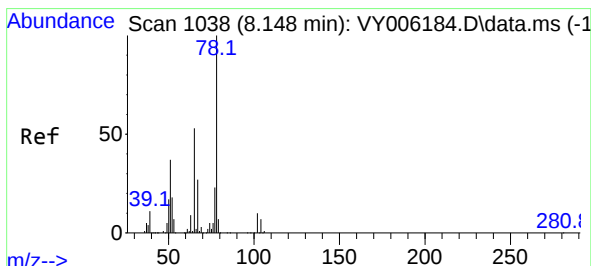
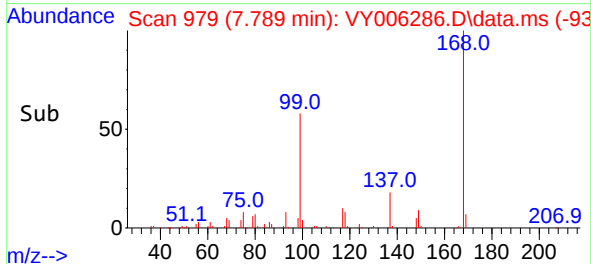
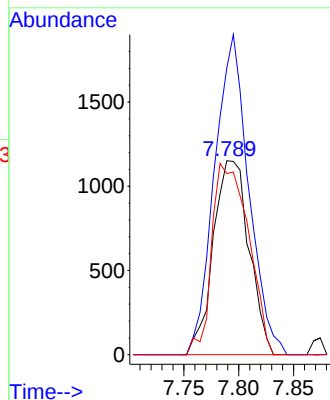
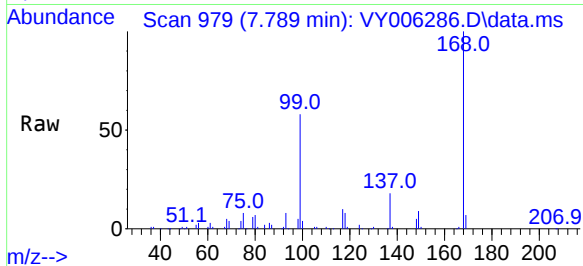




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

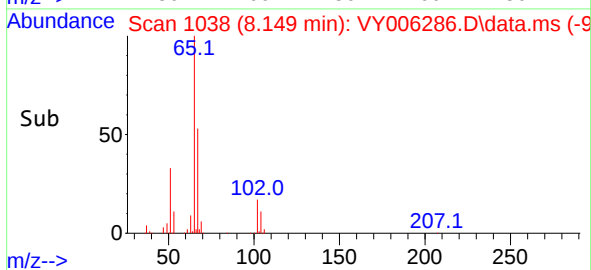
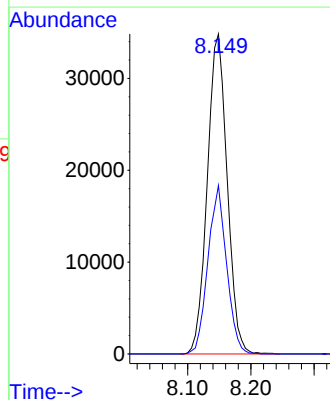
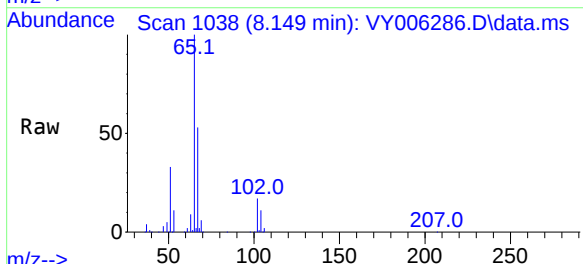
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

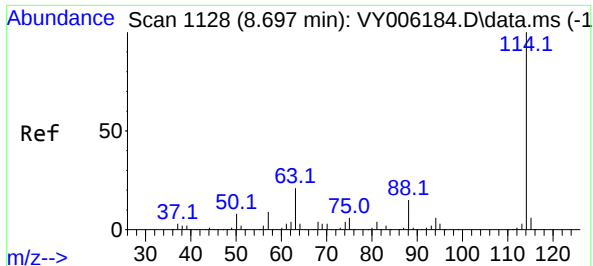
Tgt Ion: 56 Resp: 2614
Ion Ratio Lower Upper
56 100
69 147.8 26.7 40.1#
84 93.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.187 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 65 Resp: 76043
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

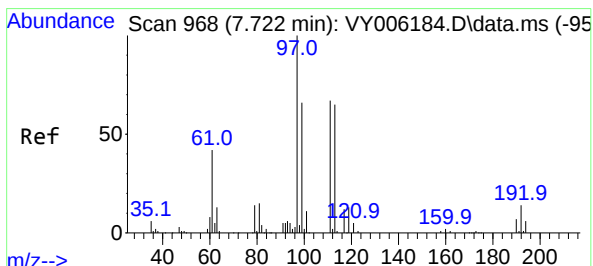
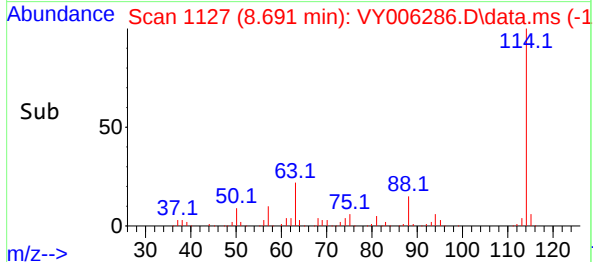
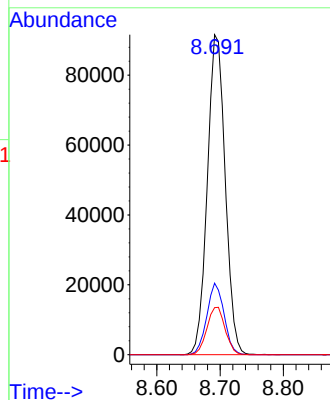
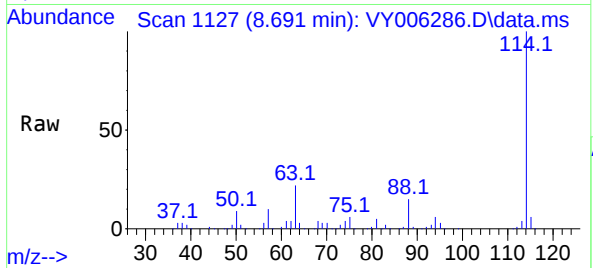




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

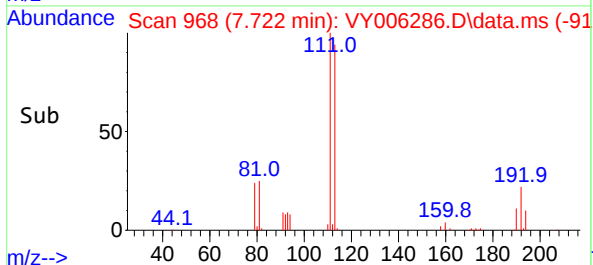
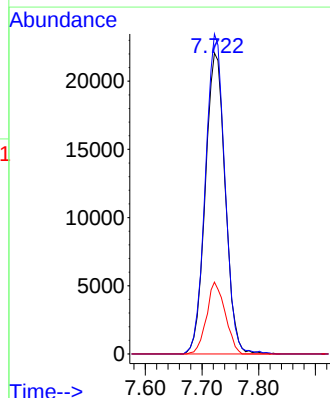
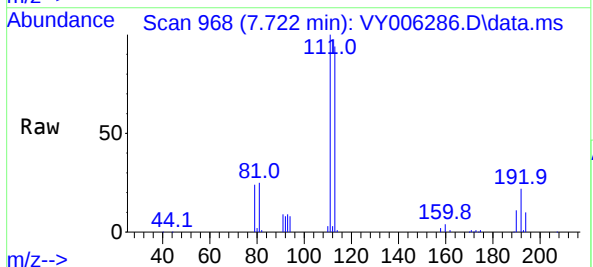
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MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

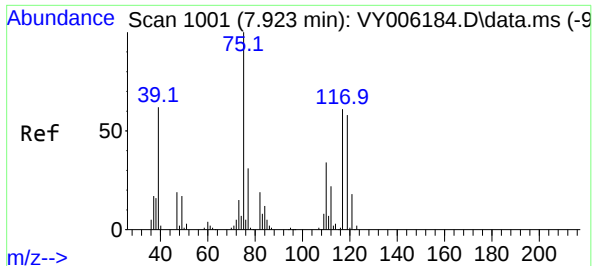
Tgt Ion:114 Resp: 180013
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.891 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion:113 Resp: 53752
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 22.4 17.6 26.4



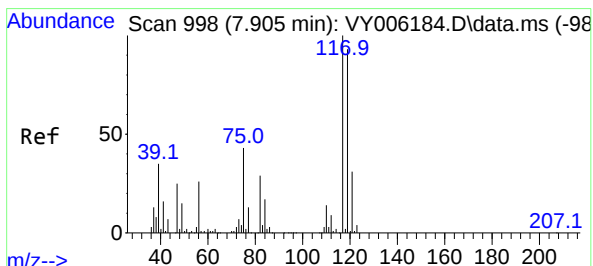
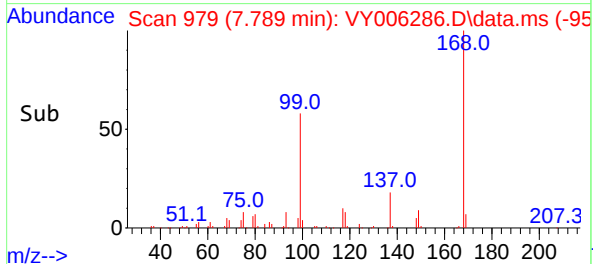
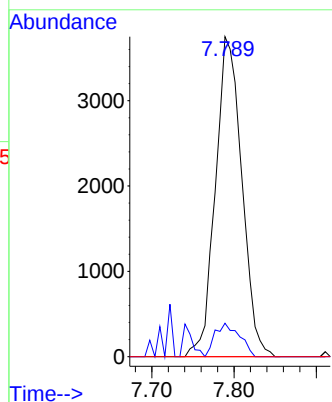
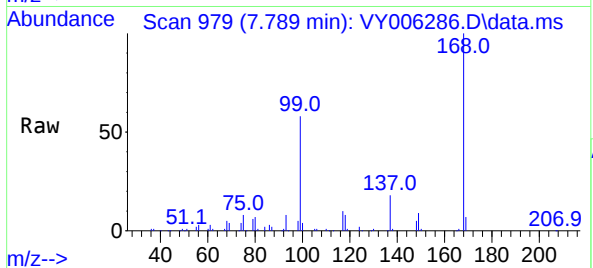


#36

1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

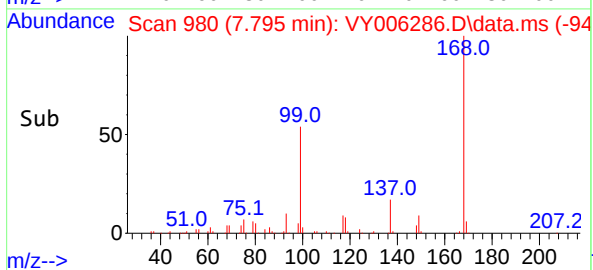
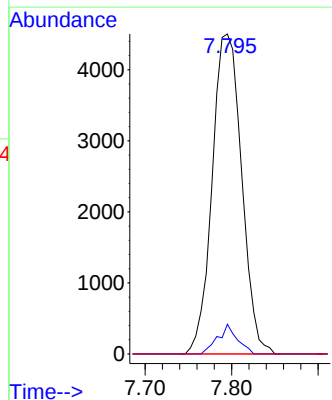
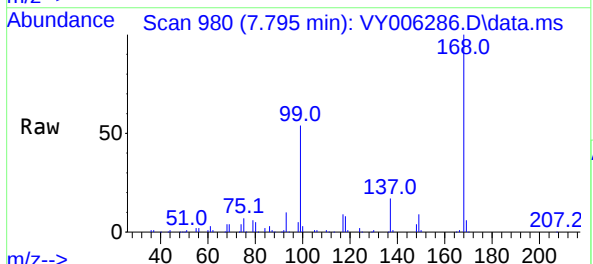
Tgt Ion: 75 Resp: 8370
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

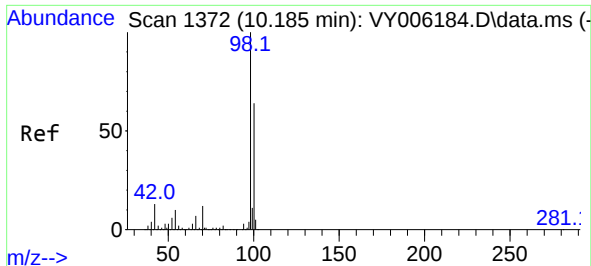


#38

Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 117 Resp: 10634
Ion Ratio Lower Upper
117 100
119 9.3 77.9 116.9#
121 0.0 24.8 37.2#

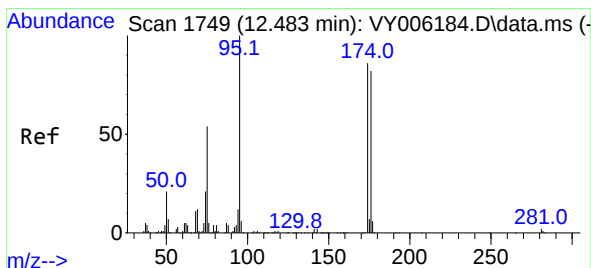
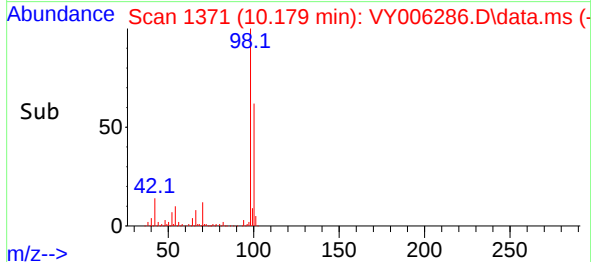
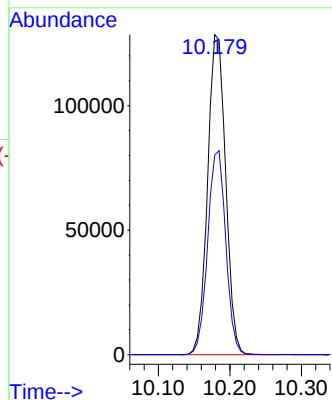
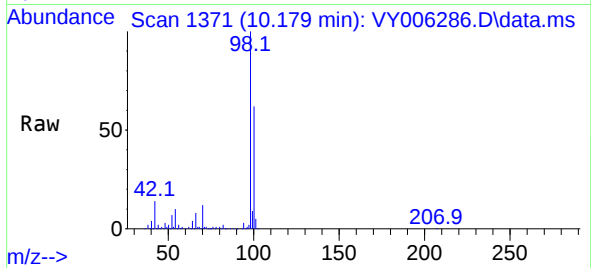




#50
Toluene-d8
Concen: 55.975 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

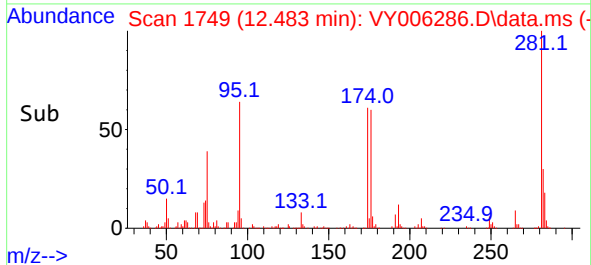
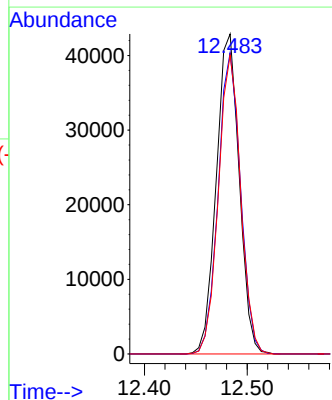
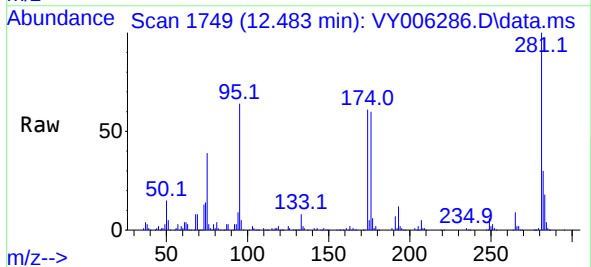
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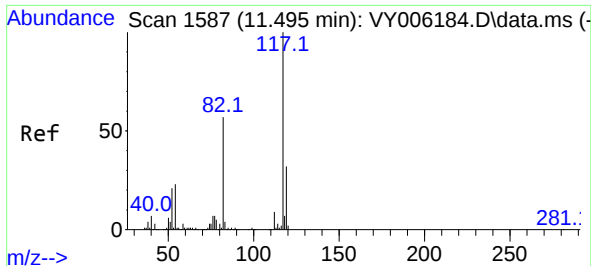
Tgt Ion: 98 Resp: 225303
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 95 Resp: 66150
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 90.9 0.0 175.8

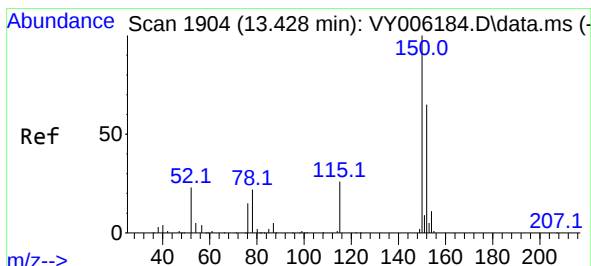
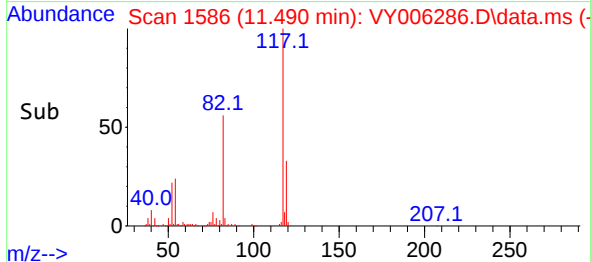
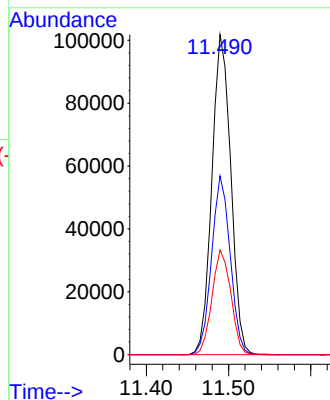
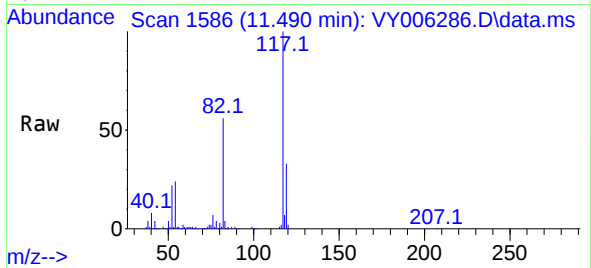




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

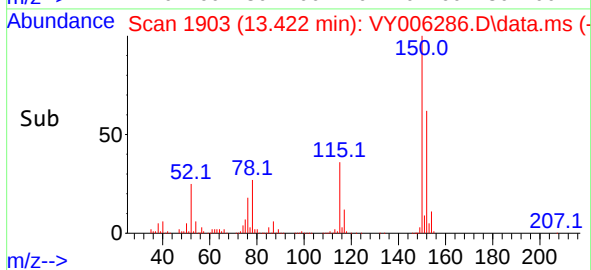
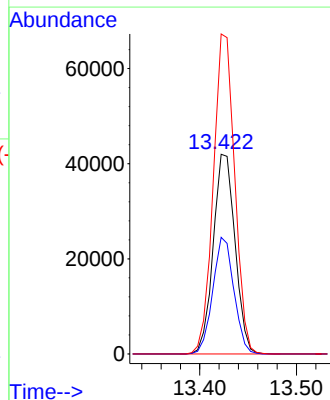
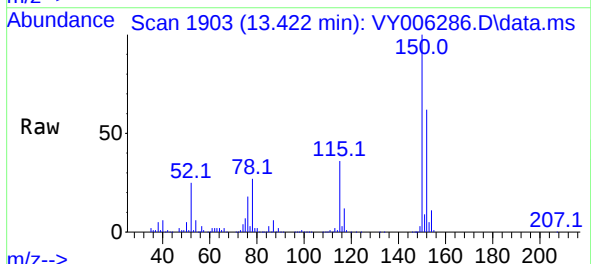
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-10

Tgt Ion:117 Resp: 162921
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.7 25.4 38.0

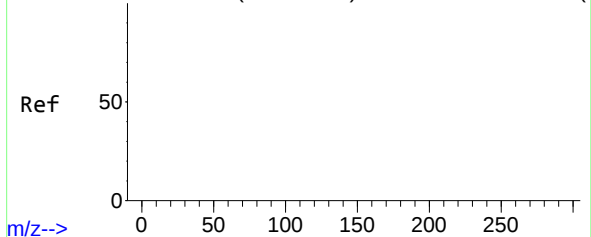


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

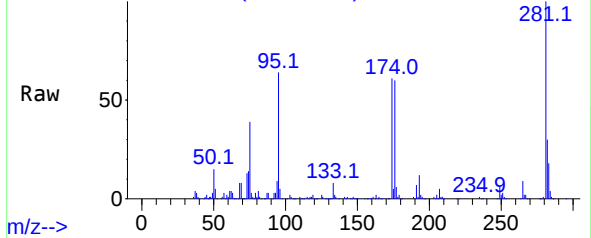
Tgt Ion:152 Resp: 65764
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.2 0.0 347.6



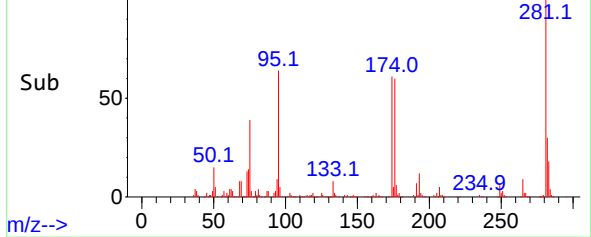
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



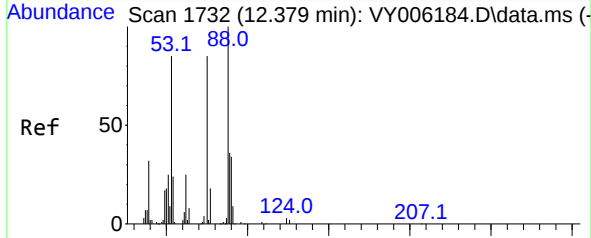
m/z--> Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-



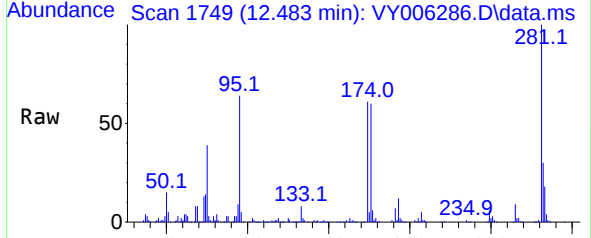
Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-



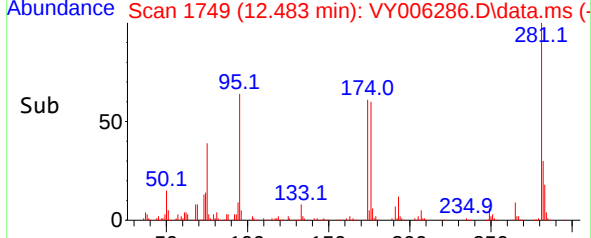
m/z--> Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



m/z--> Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-



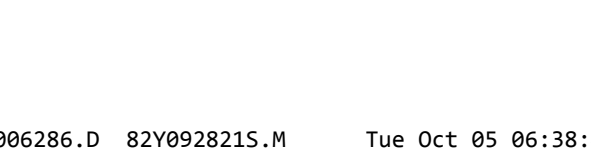
m/z--> Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-



m/z--> Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-

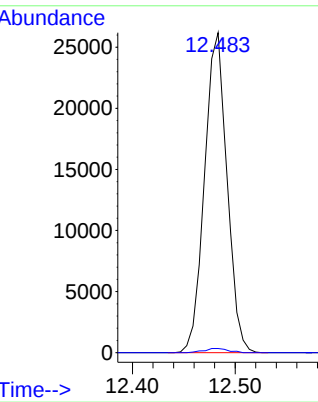


m/z--> Abundance Scan 1749 (12.483 min): VY006286.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 62.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 75 Resp: 39700
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006286.D
Acq: 04 Oct 2021 19:05

Tgt Ion: 75 Resp: 39700
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.1 37.0 55.4#

