

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006279.D
 Acq On : 04 Oct 2021 16:22
 Operator : SY/MD
 Sample : M4056-05
 Misc : 5.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-3

Quant Time: Oct 05 06:37:43 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)

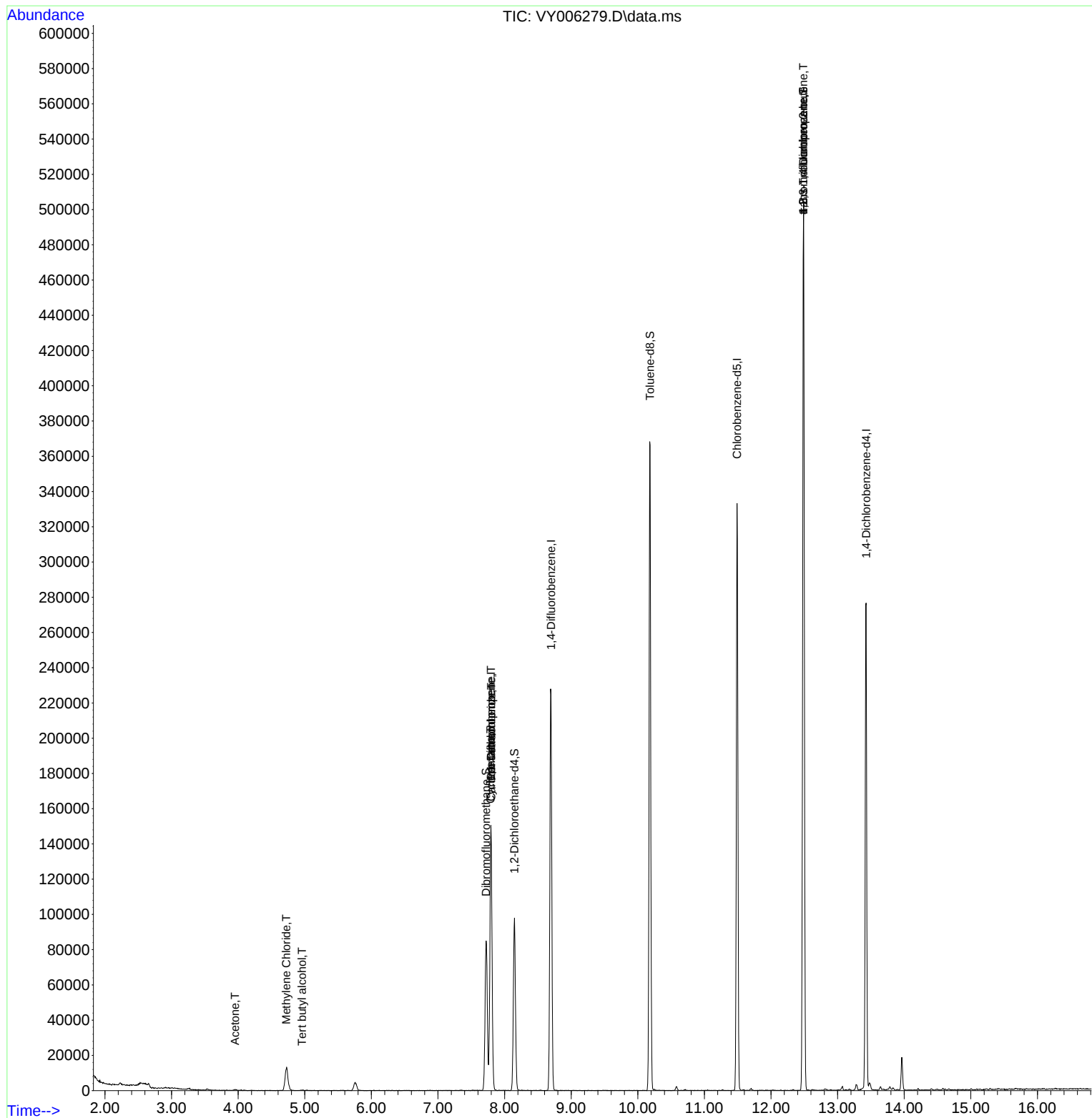
Internal Standards						
1) Pentafluorobenzene	7.795	168	116258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80152	64.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.840%	
35) Dibromofluoromethane	7.721	113	57602	57.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.260%	
50) Toluene-d8	10.184	98	233329	55.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.483	95	68981	48.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	228	2.095	ug/l #	77
16) Acetone	3.954	43	903	2.598	ug/l #	76
20) Methylene Chloride	4.722	84	9539	4.560	ug/l	86
31) Cyclohexane	7.789	56	2532	1.074	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	9009	4.798	ug/l #	53
38) Carbon Tetrachloride	7.801	117	11249	5.673	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41940	62.533	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41940	122.887	ug/l #	8

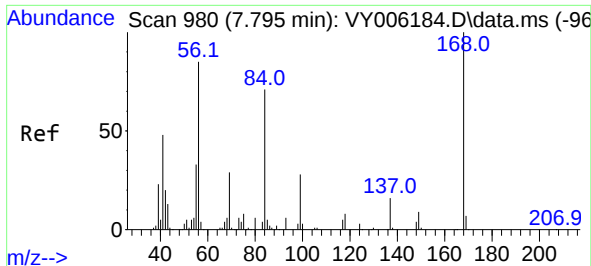
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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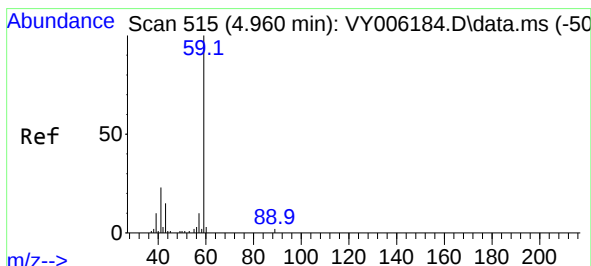
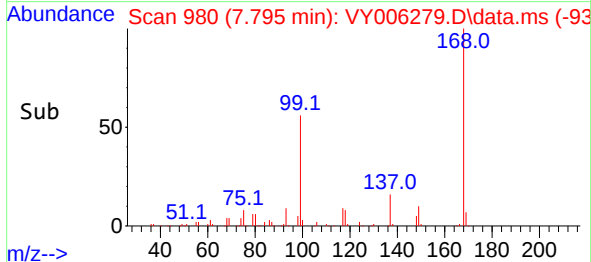
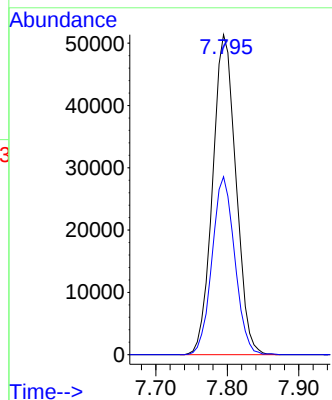
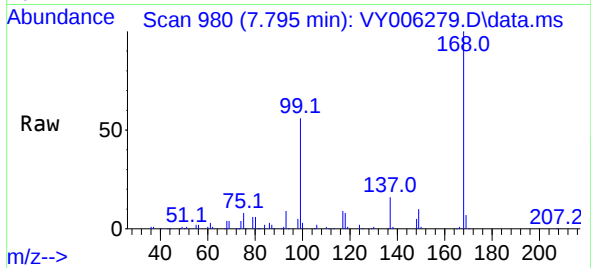




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

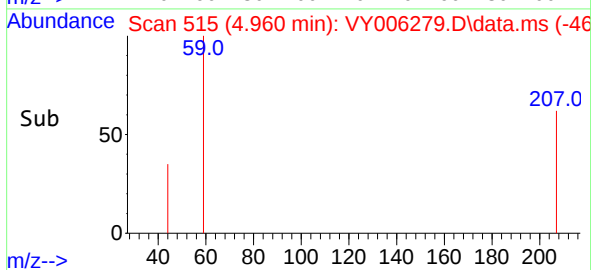
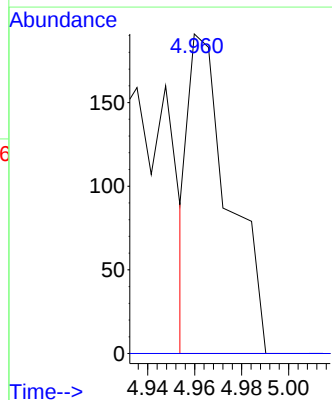
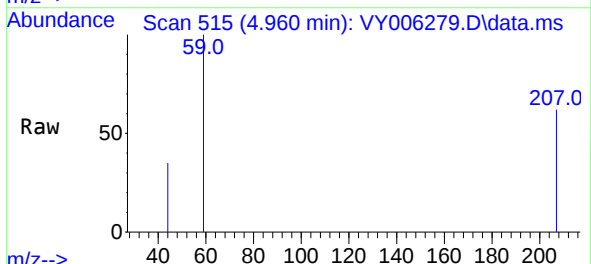
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-3

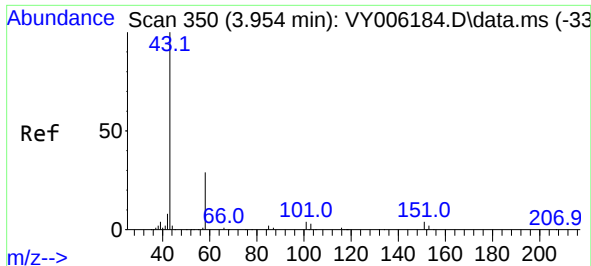
Tgt Ion:168 Resp: 116258
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.095 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

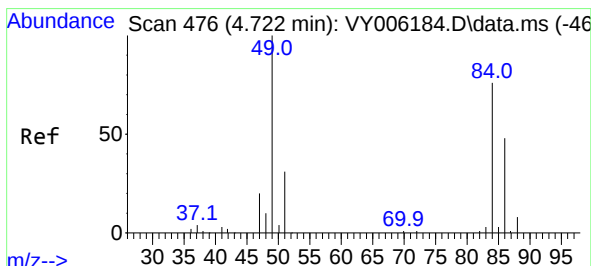
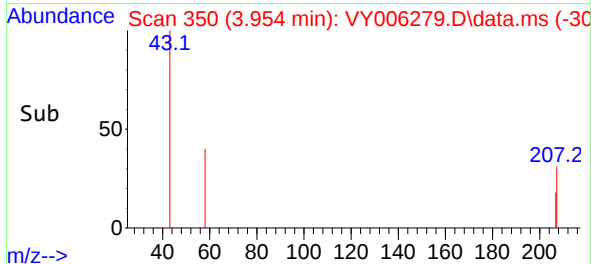
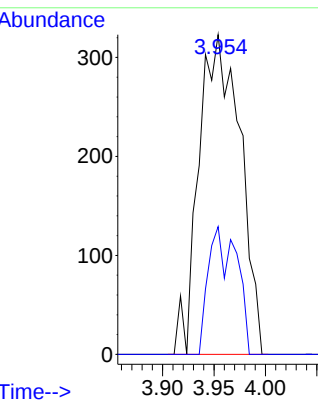
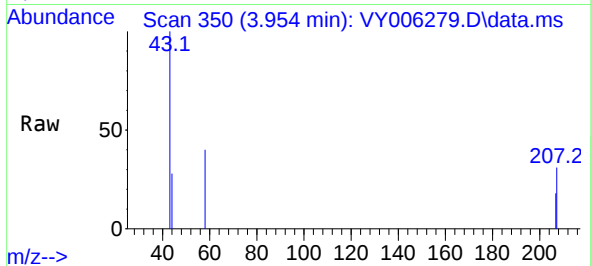




#16
Acetone
Concen: 2.598 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

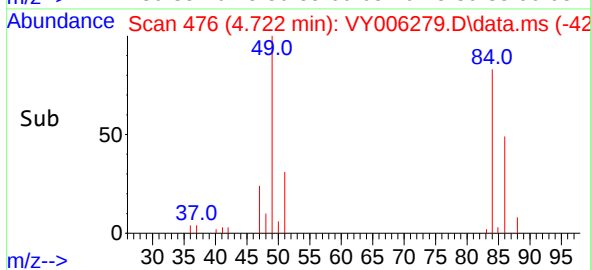
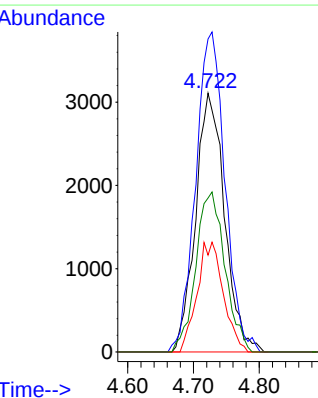
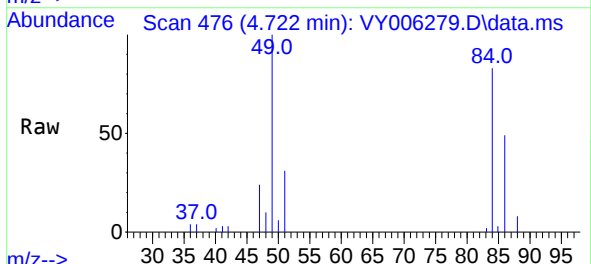
Instrument :
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ClientSampleId :
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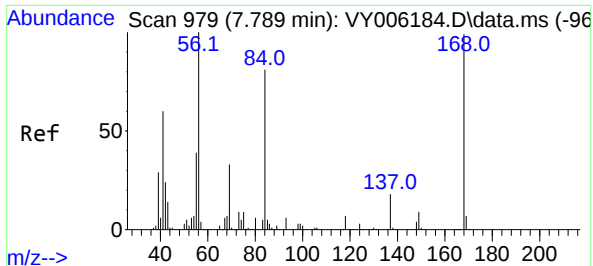
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 39.9 22.0 33.0#



#20
Methylene Chloride
Concen: 4.560 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 84 Resp: 9539
Ion Ratio Lower Upper
84 100
49 120.9 114.4 171.6
51 37.4 35.3 52.9
86 59.5 53.7 80.5

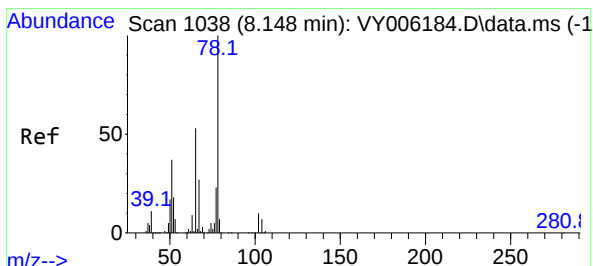
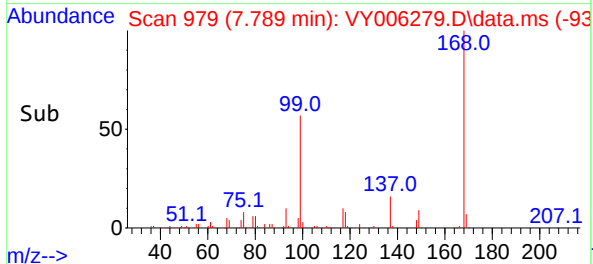
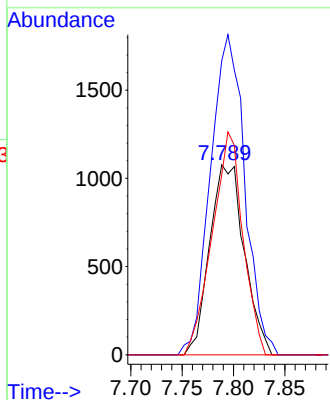
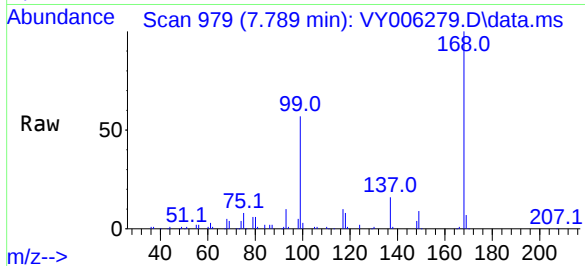




#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

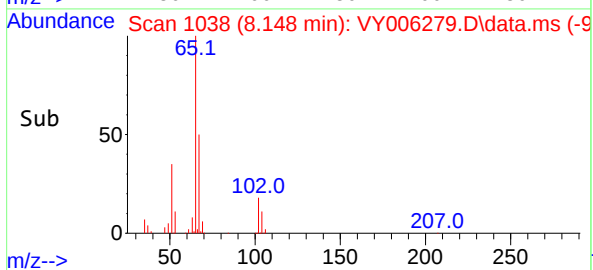
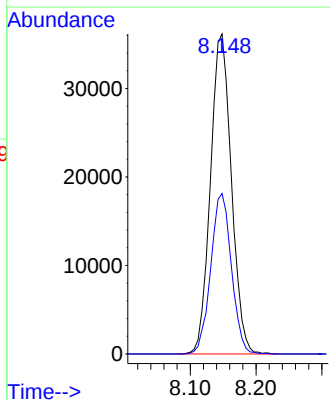
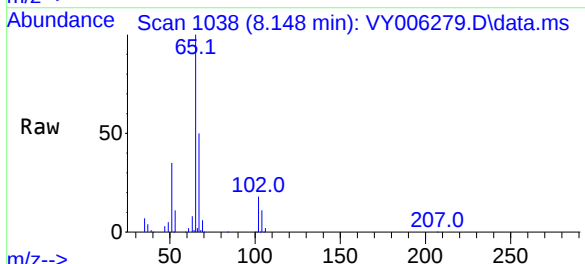
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-3

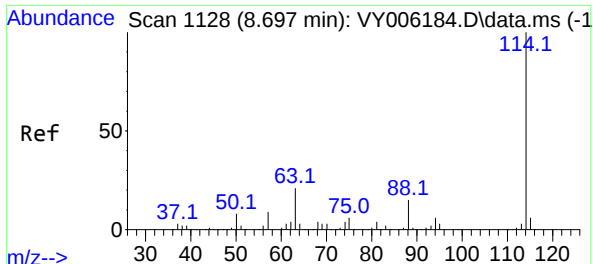
Tgt Ion: 56 Resp: 2532
Ion Ratio Lower Upper
56 100
69 154.8 26.7 40.1#
84 94.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.415 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 65 Resp: 80152
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

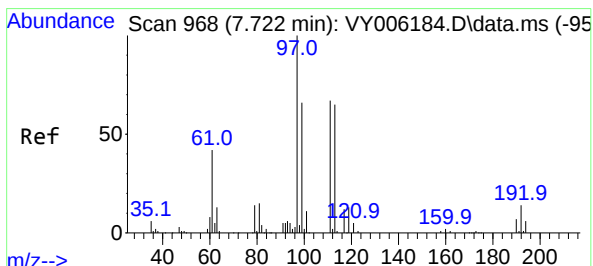
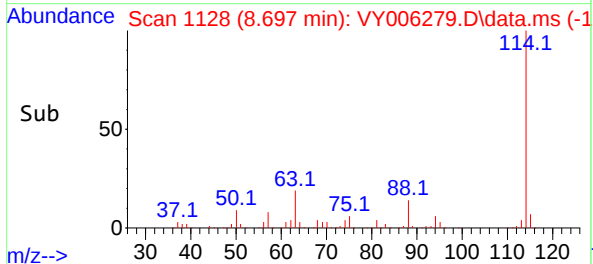
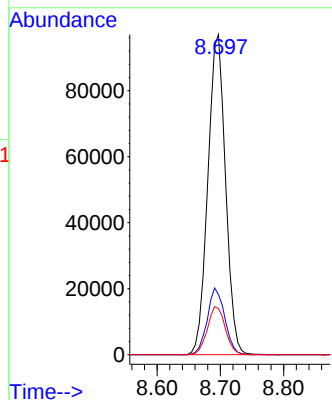
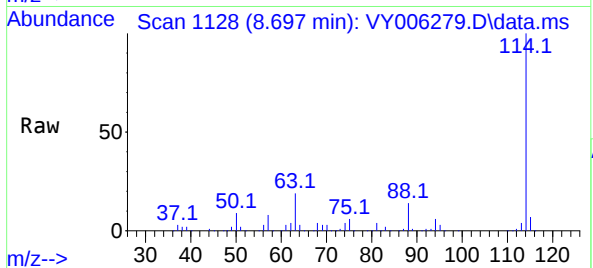




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

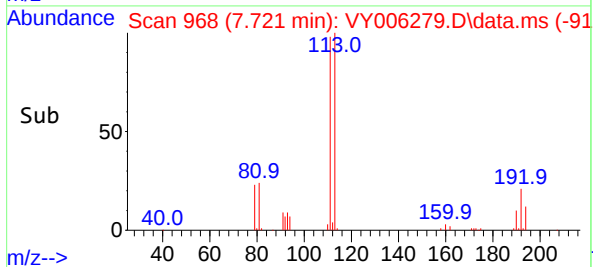
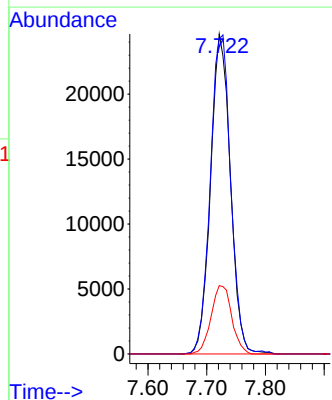
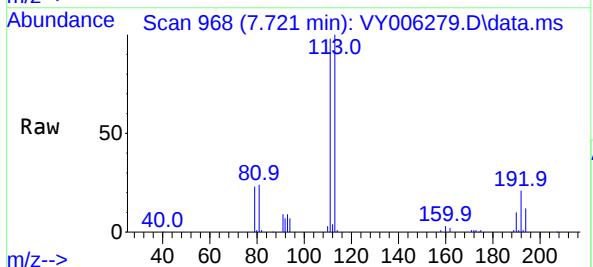
Instrument :
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ClientSampleId :
STOCK-PILE-PENINSULA-1B-3

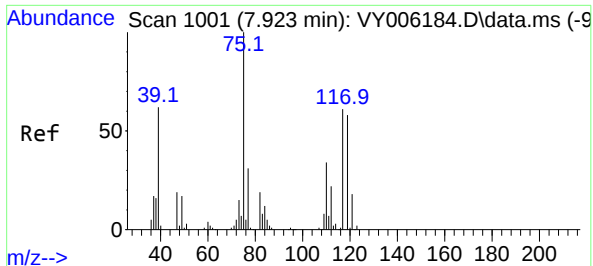
Tgt Ion:114 Resp: 188730
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.127 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion:113 Resp: 57602
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 22.3 17.6 26.4

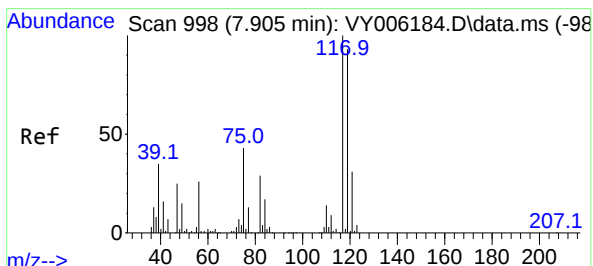
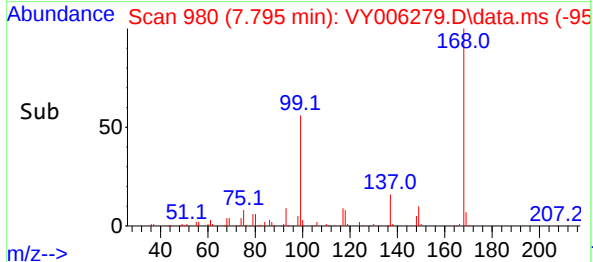
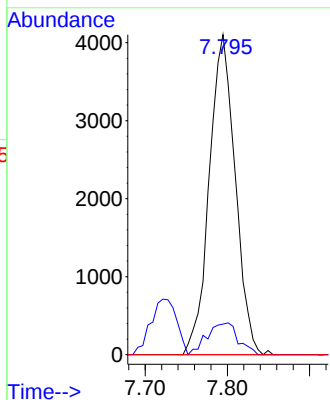
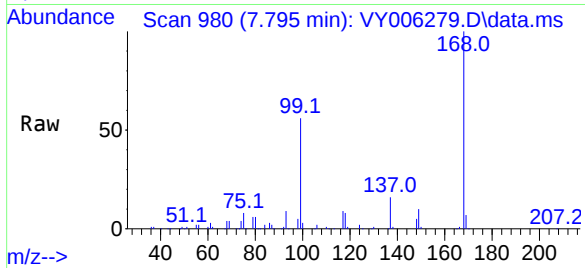




#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

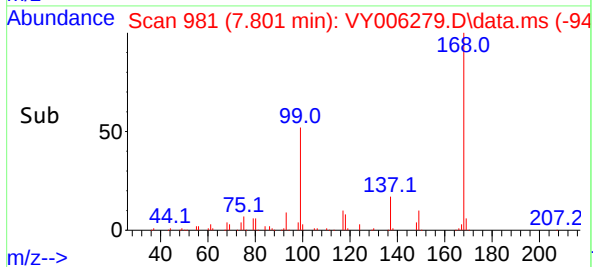
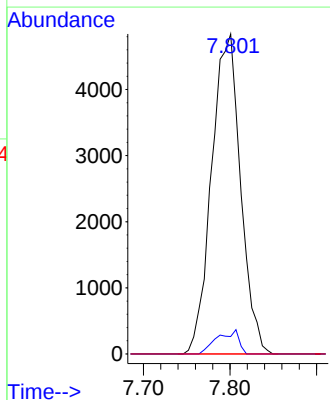
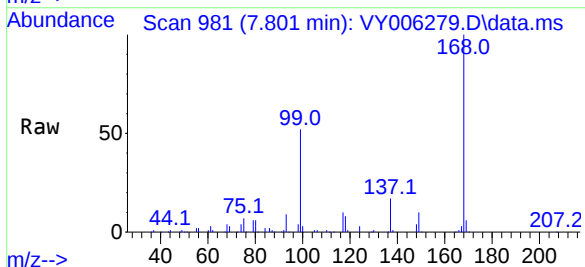
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STOCK-PILE-PENINSULA-1B-3

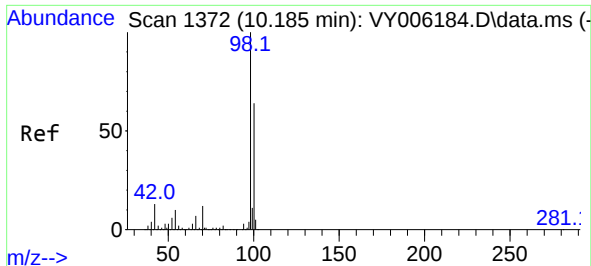
Tgt Ion: 75 Resp: 9009
Ion Ratio Lower Upper
75 100
110 11.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 117 Resp: 11249
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

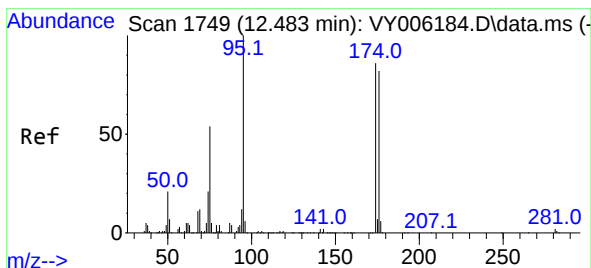
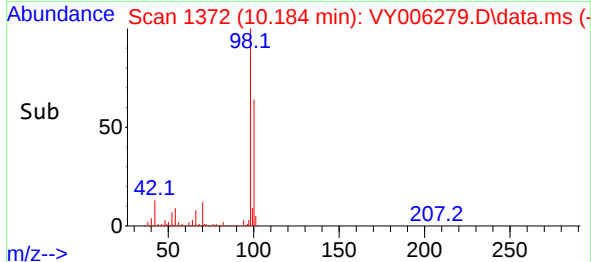
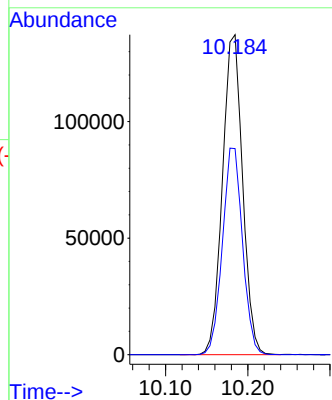
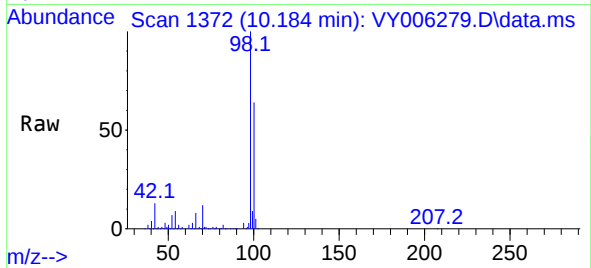




#50
Toluene-d8
Concen: 55.292 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

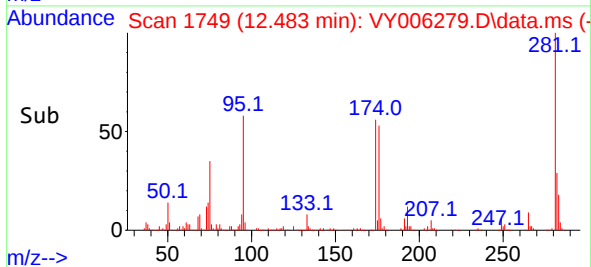
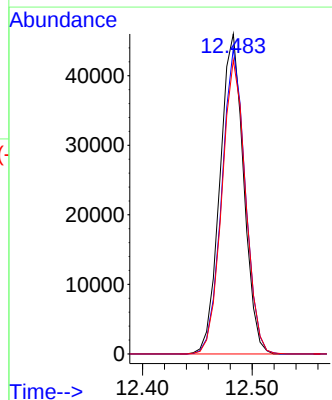
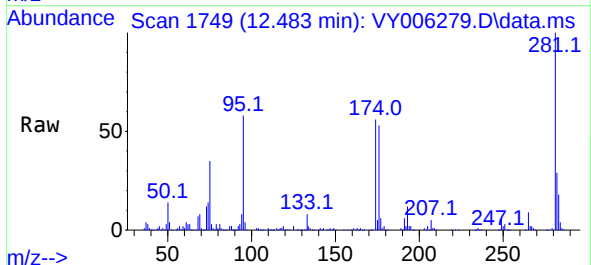
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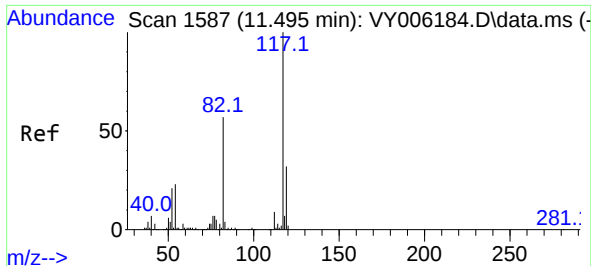
Tgt Ion: 98 Resp: 233329
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 95 Resp: 68981
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 91.7 0.0 175.8

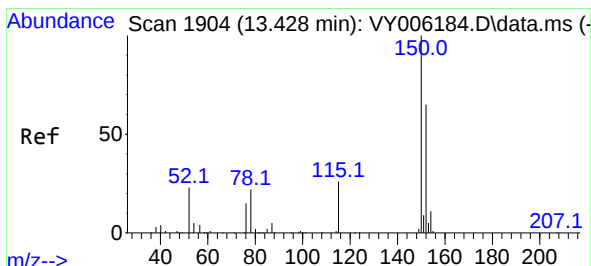
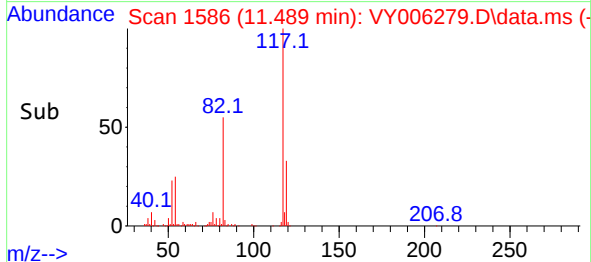
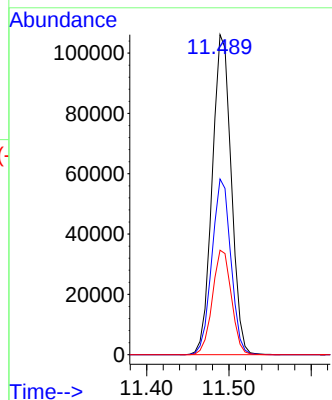
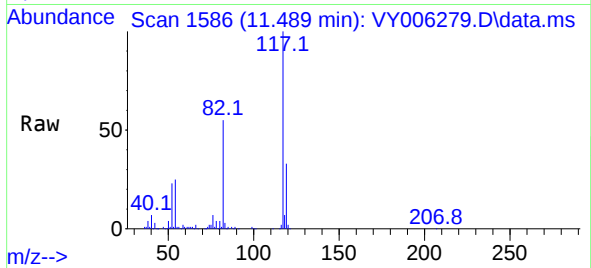




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

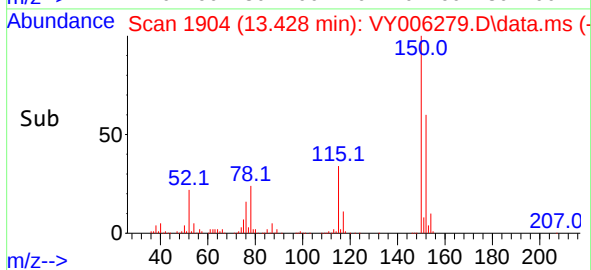
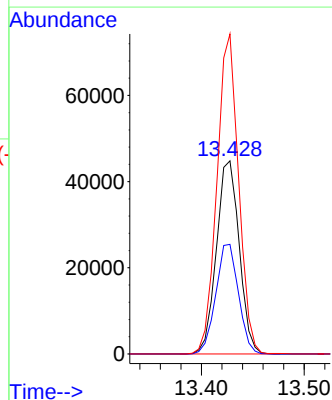
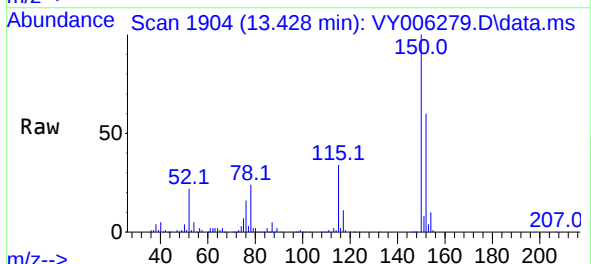
Instrument :
MSVOA_Y
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STOCK-PILE-PENINSULA-1B-3

Tgt Ion:117 Resp: 170699
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.6 25.4 38.0

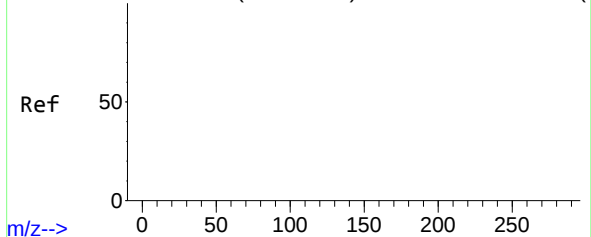


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

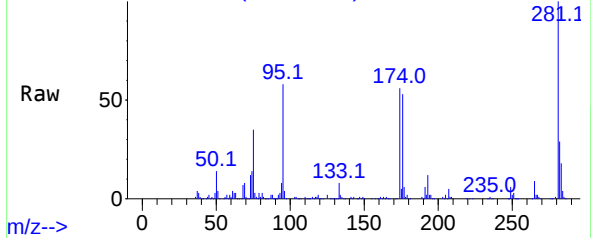
Tgt Ion:152 Resp: 69004
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.3 0.0 347.6



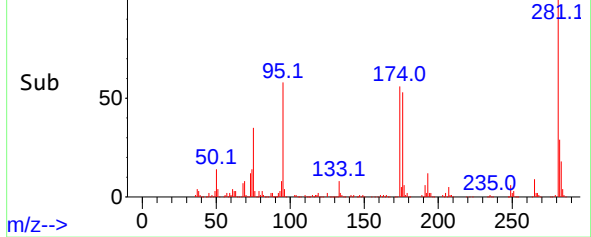
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



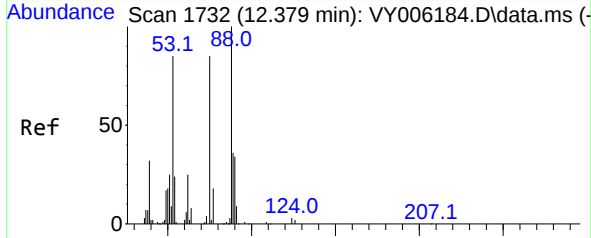
m/z--> Scan 1749 (12.483 min): VY006279.D\data.ms (-



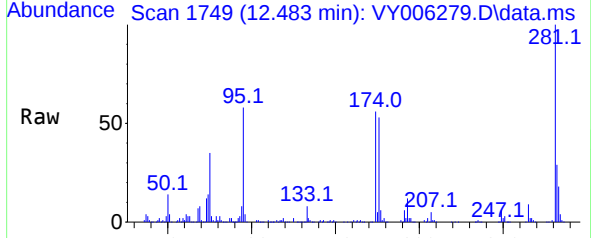
Abundance Scan 1749 (12.483 min): VY006279.D\data.ms (-



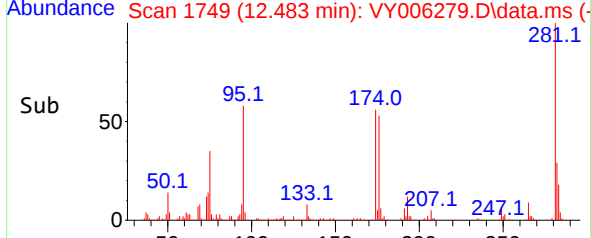
m/z--> Scan 1732 (12.379 min): VY006184.D\data.ms (-



m/z--> Scan 1749 (12.483 min): VY006279.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006279.D\data.ms (-

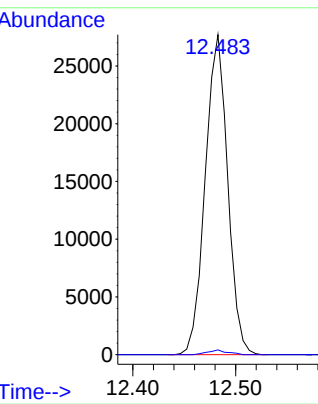


m/z-->

#76

1,2,3-Trichloropropane
Concen: 62.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 75 Resp: 41940
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 122.887 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006279.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 75 Resp: 41940
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.8 37.0 55.4#

