

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012459.D
 Acq On : 02 Feb 2023 16:37
 Operator : KP/MD
 Sample : 01390-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

Quant Time: Feb 03 03:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

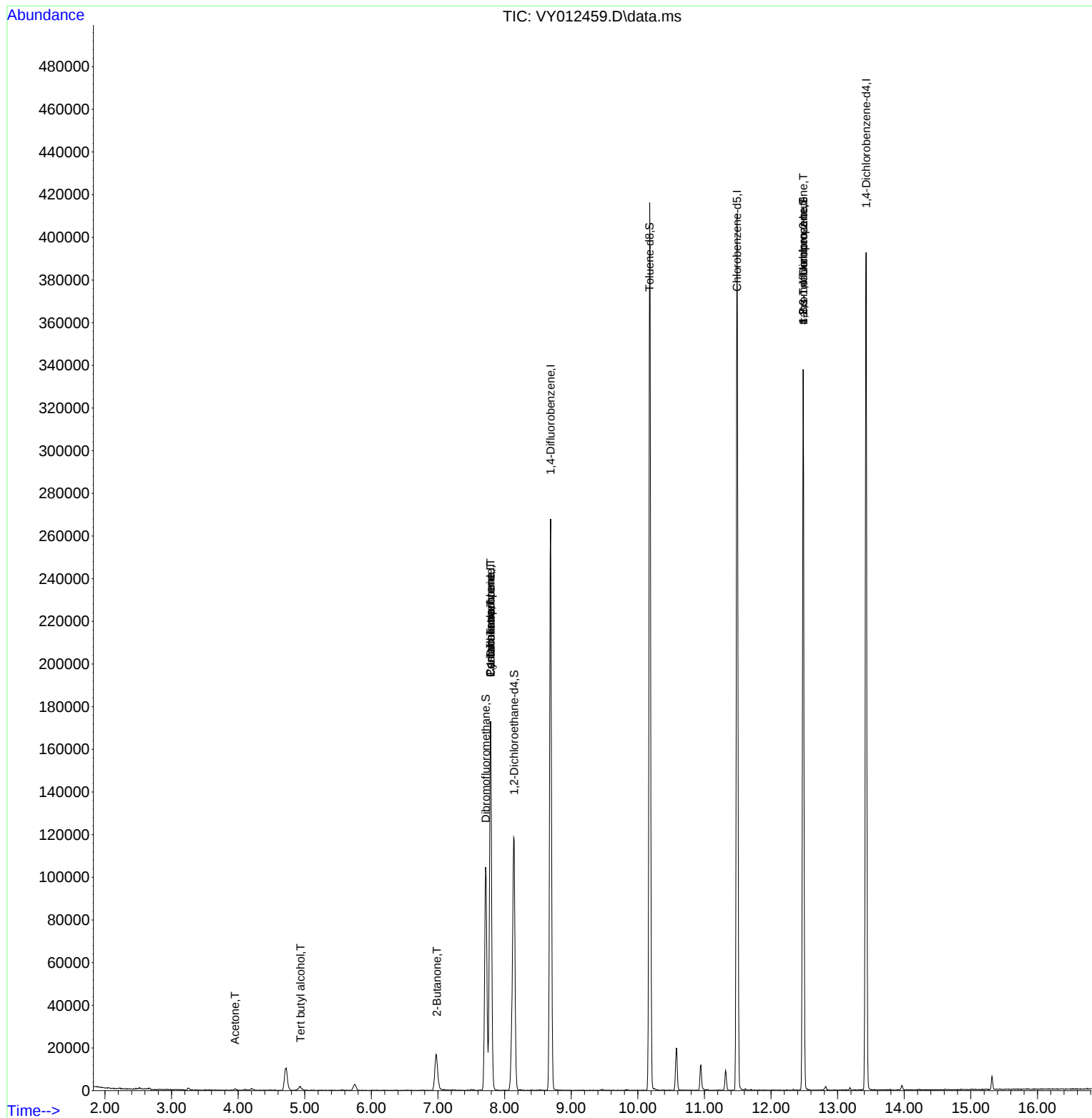
Internal Standards						
1) Pentafluorobenzene	7.789	168	136116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88335	80.709	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 161.420%		
35) Dibromofluoromethane	7.716	113	71977	57.844	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.680%		
50) Toluene-d8	10.179	98	280966	66.608	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 133.220%		
62) 4-Bromofluorobenzene	12.483	95	95635	54.520	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 109.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1987	2.659	ug/l #	74
16) Acetone	3.954	43	977	2.578	ug/l #	71
20) Methylene Chloride	4.716	84	9191	Below Cal	#	83
25) 2-Butanone	6.984	43	862	2.060	ug/l #	46
31) Cyclohexane	7.789	56	2408	1.213	ug/l #	9
36) 1,1-Dichloropropene	7.789	75	9310	4.402	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13279	4.862	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	49561	50.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49561	103.462	ug/l #	13

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

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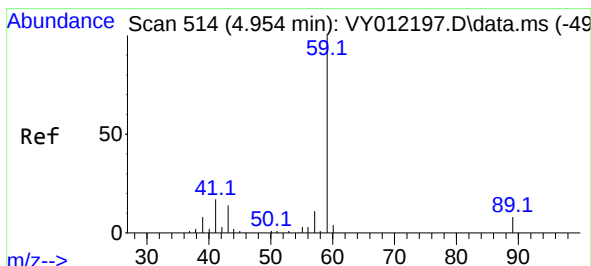
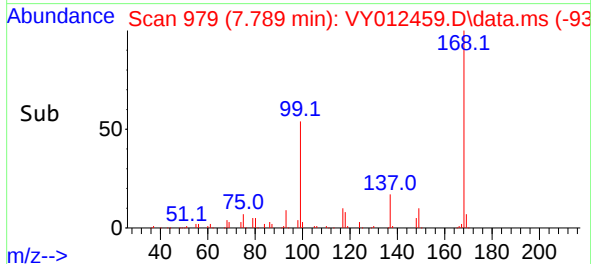
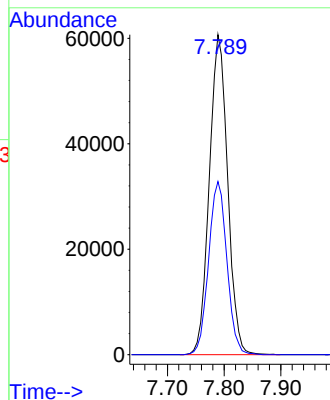
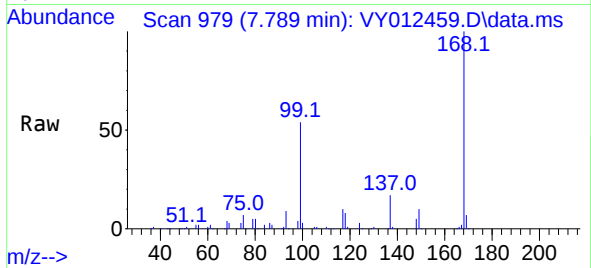




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

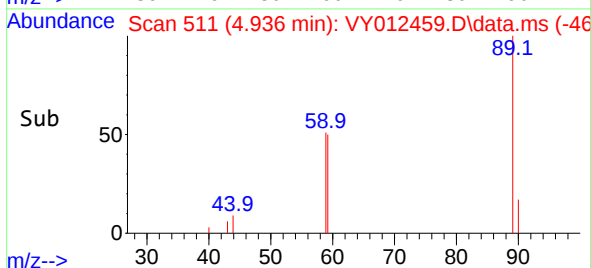
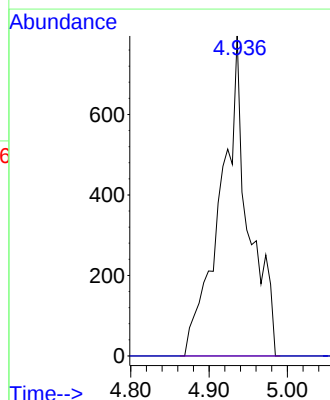
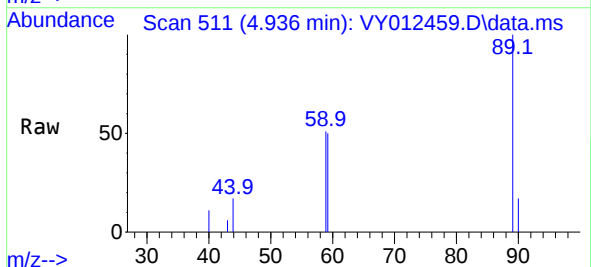
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

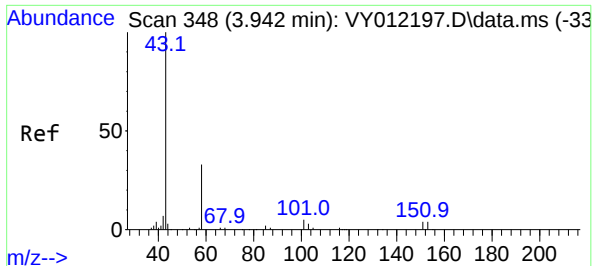
Tgt Ion:168 Resp: 136116
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#11
Tert butyl alcohol
Concen: 2.659 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 59 Resp: 1987
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

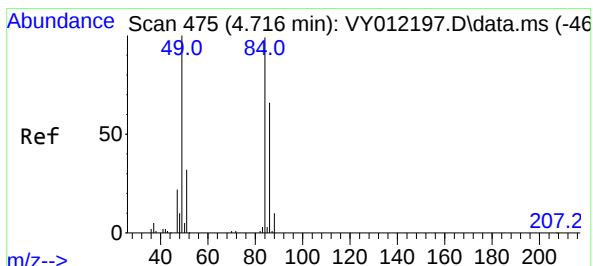
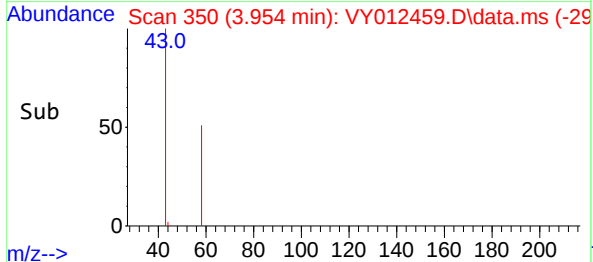
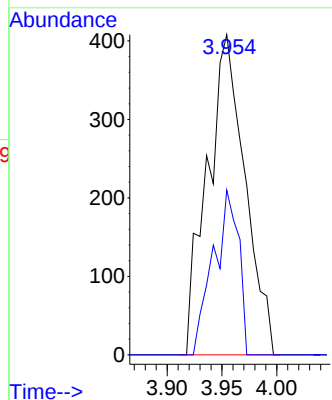
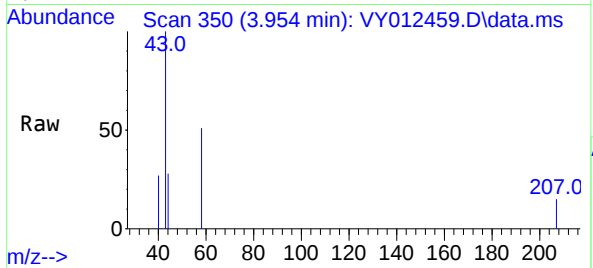




#16
Acetone
Concen: 2.578 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

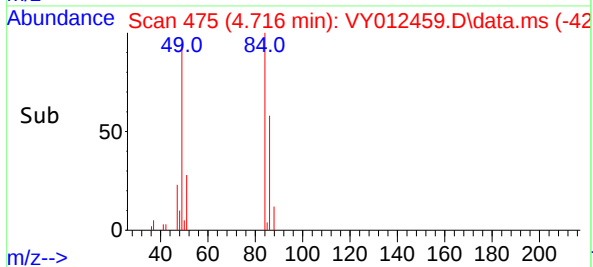
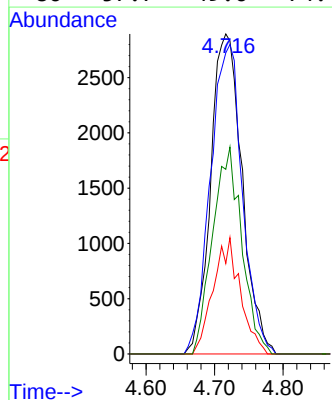
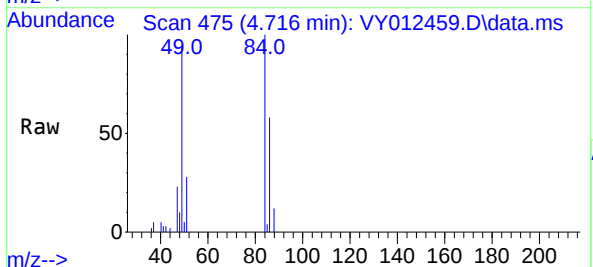
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

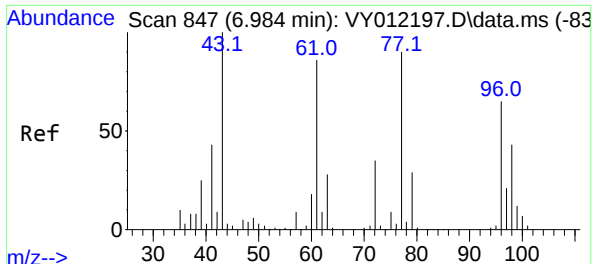
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 51.5 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 84 Resp: 9191
Ion Ratio Lower Upper
84 100
49 94.1 95.4 143.2#
51 28.3 29.9 44.9#
86 57.7 49.6 74.4

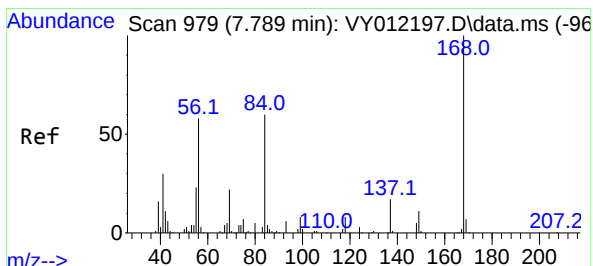
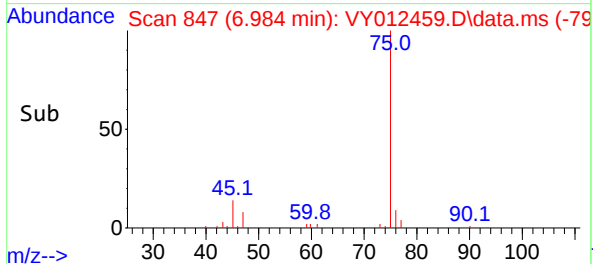
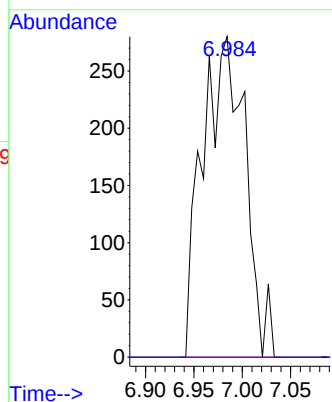
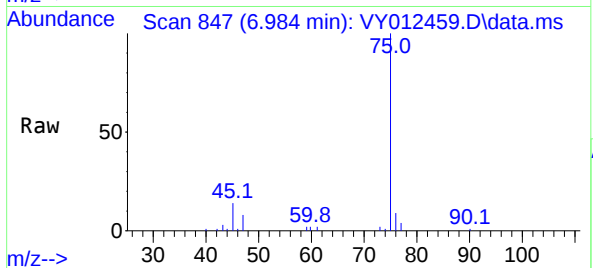




#25
2-Butanone
Concen: 2.060 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

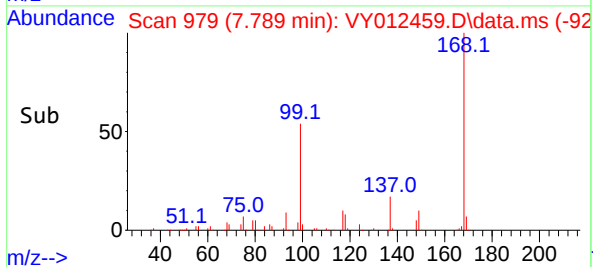
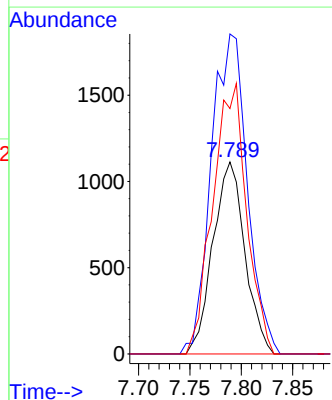
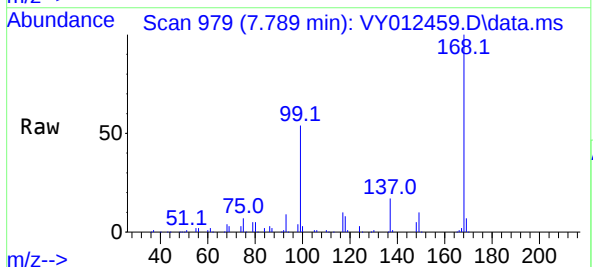
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

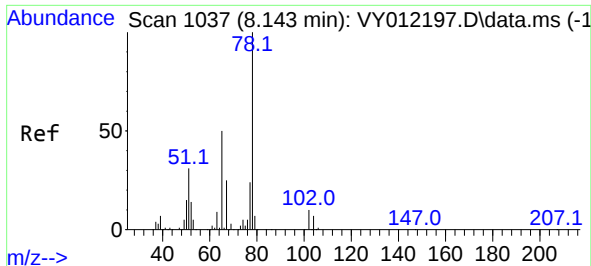
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 56 Resp: 2408
Ion Ratio Lower Upper
56 100
69 166.7 29.2 43.8#
84 127.9 72.6 108.8#

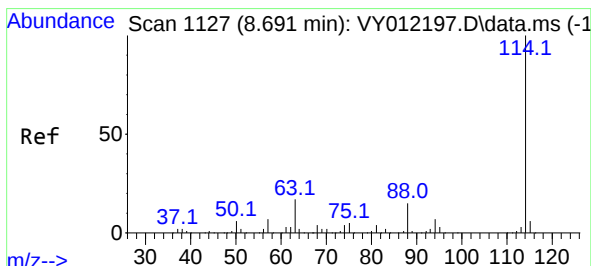
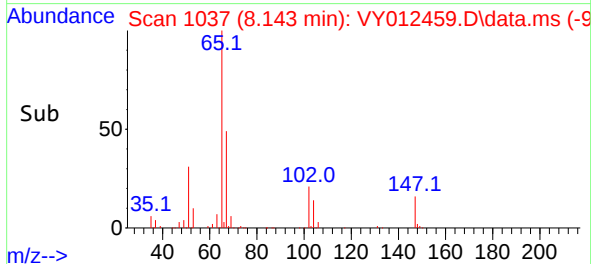
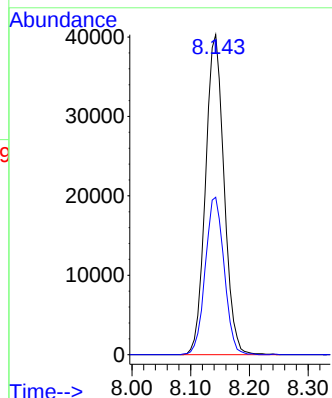
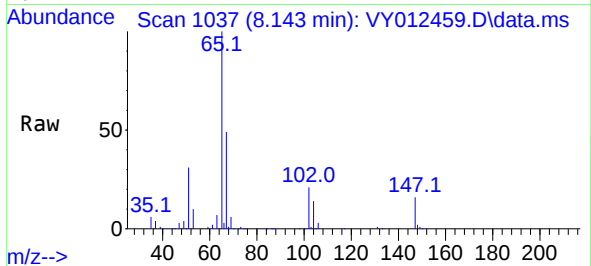




#33
1,2-Dichloroethane-d4
Concen: 80.709 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

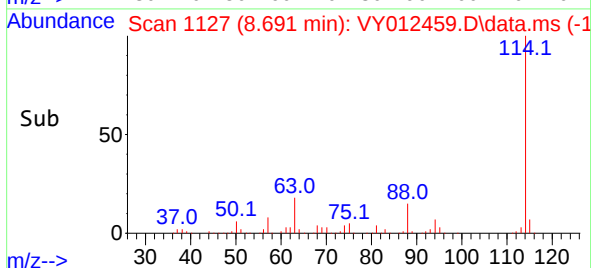
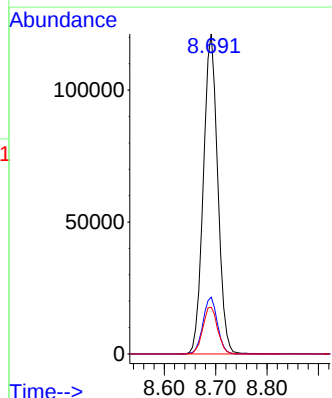
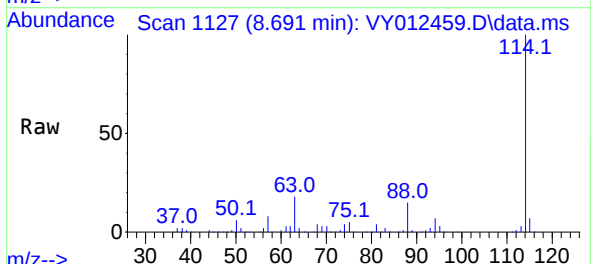
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

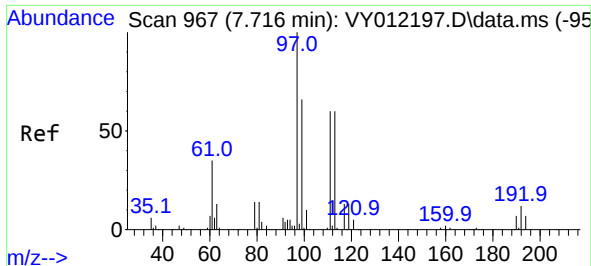
Tgt Ion: 65 Resp: 88335
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion:114 Resp: 235000
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.6 0.0 32.2

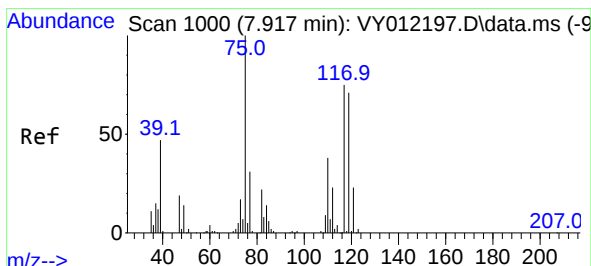
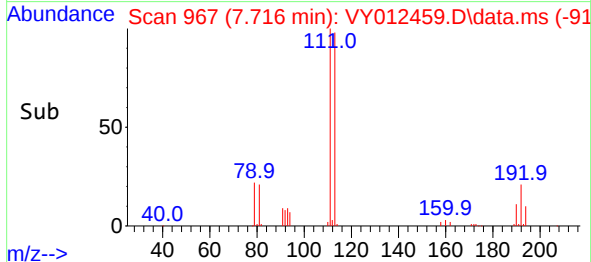
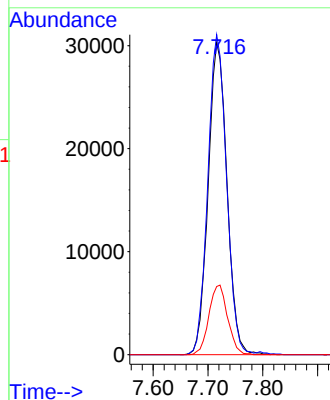
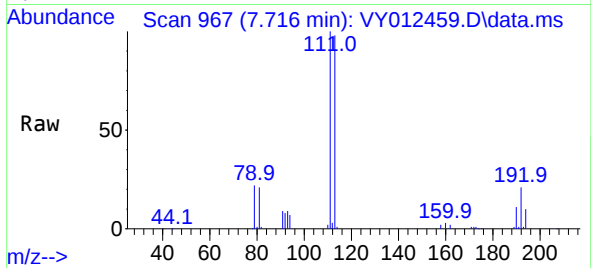




#35
Dibromofluoromethane
Concen: 57.844 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

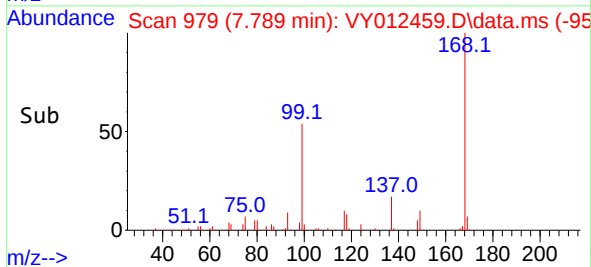
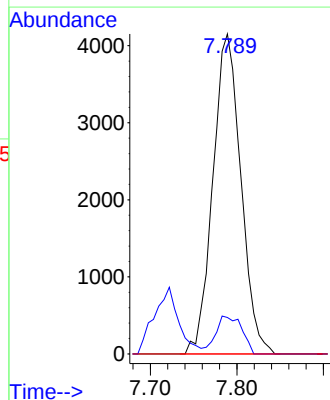
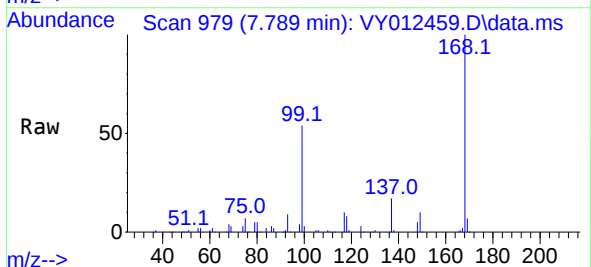
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

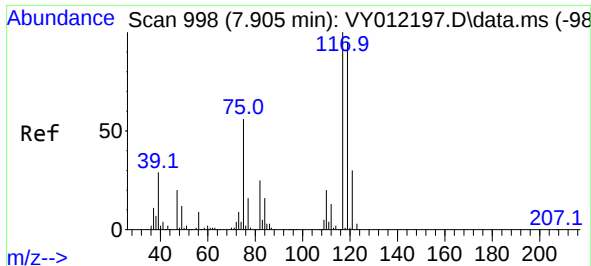
Tgt Ion:113 Resp: 71977
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 22.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.1#
77 0.0 25.1 37.7#

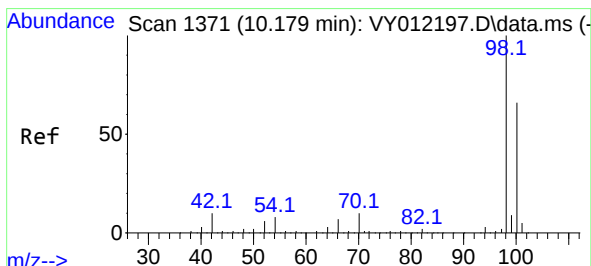
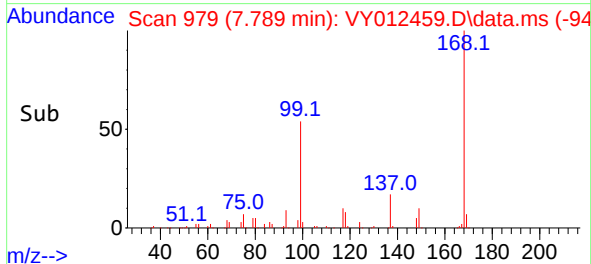
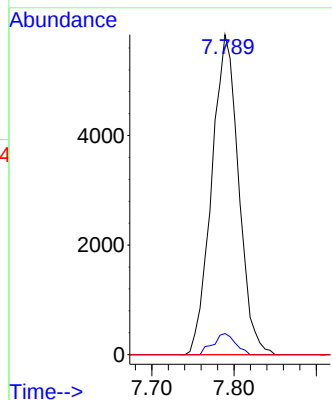
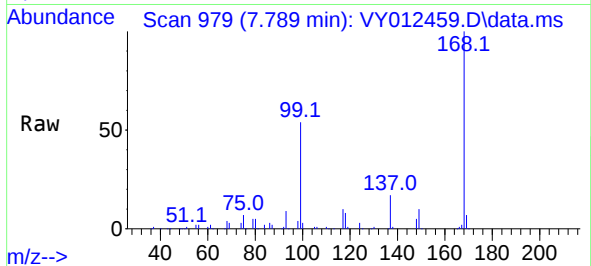




#38
Carbon Tetrachloride
Concen: 4.862 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

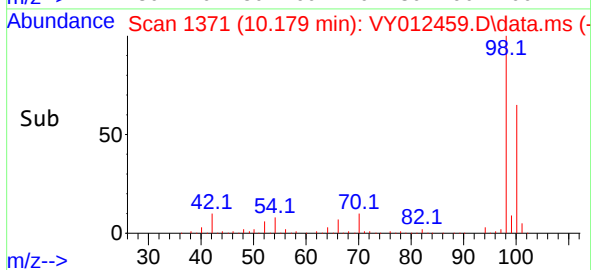
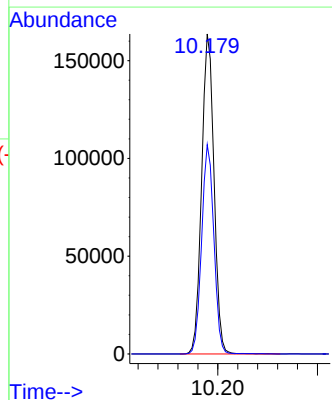
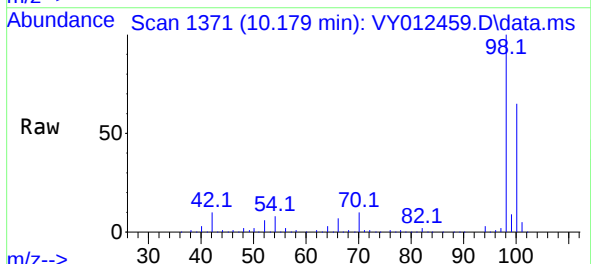
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STOCKPILE-1

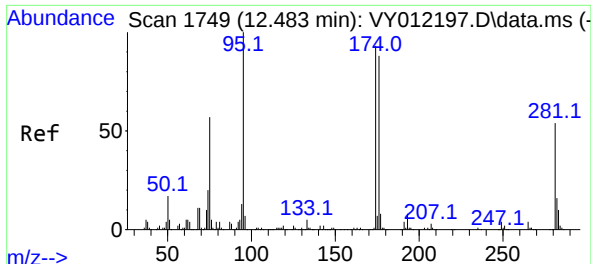
Tgt Ion:117 Resp: 13279
Ion Ratio Lower Upper
117 100
119 6.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.608 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 98 Resp: 280966
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

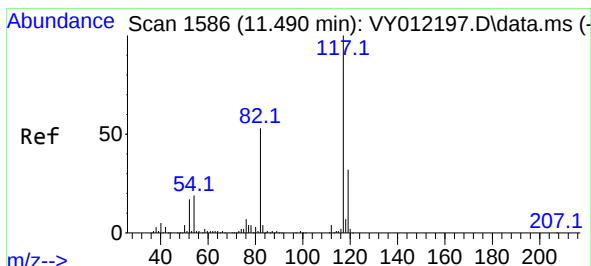
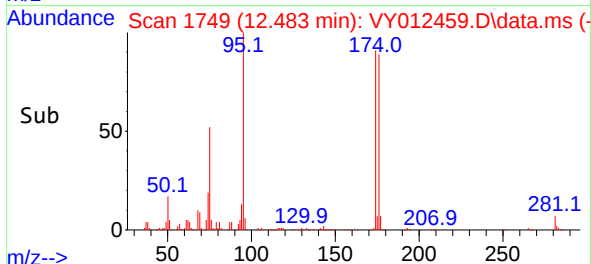
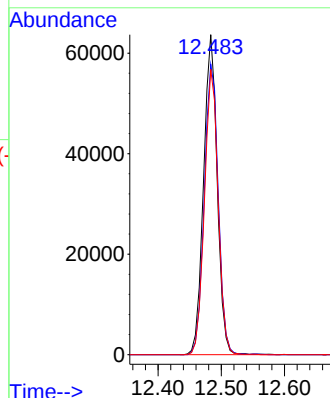
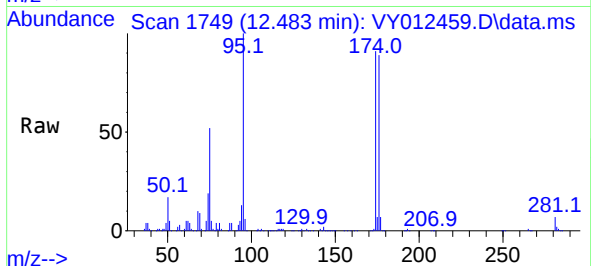




#62
4-Bromofluorobenzene
Concen: 54.520 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

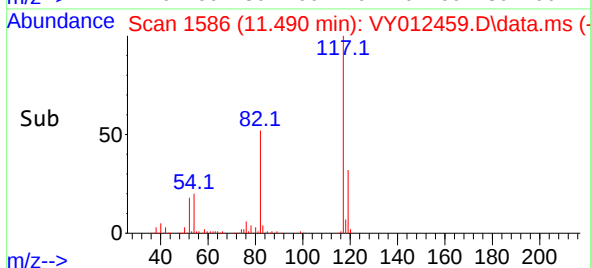
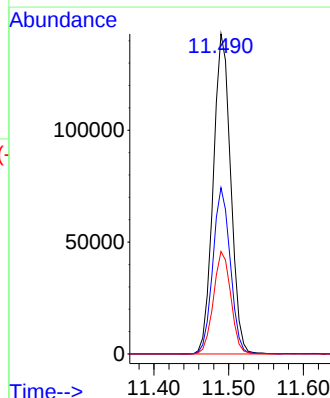
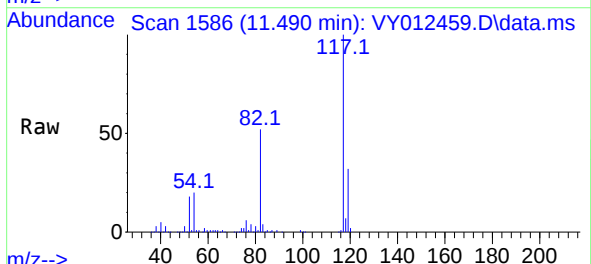
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

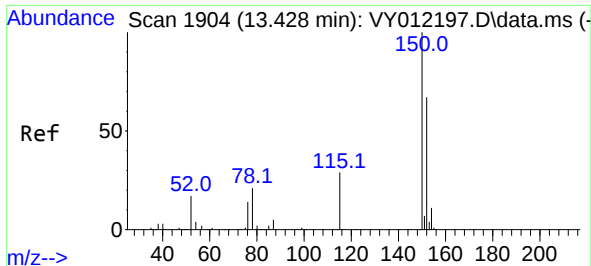
Tgt Ion: 95 Resp: 95635
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 89.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

Tgt Ion: 117 Resp: 232798
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 32.0 25.4 38.2

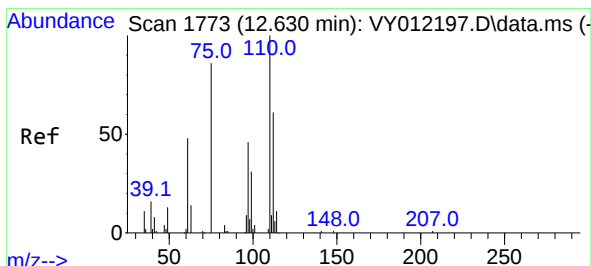
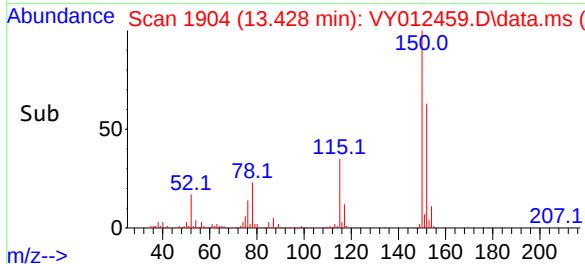
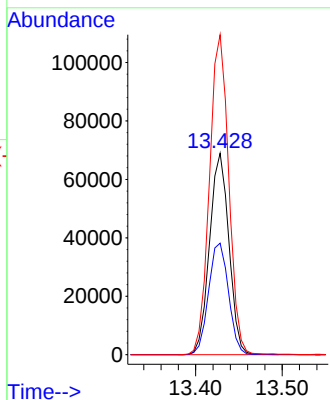
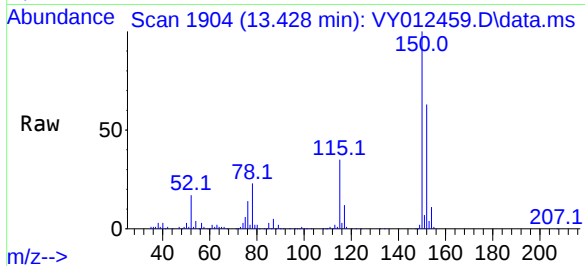




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

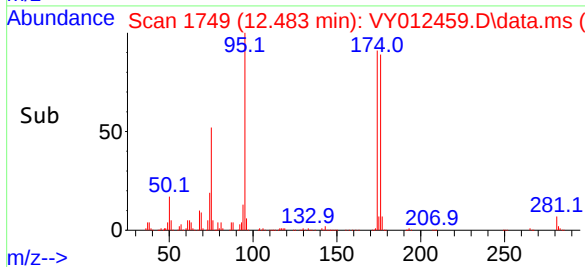
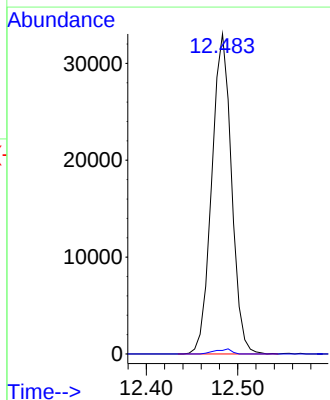
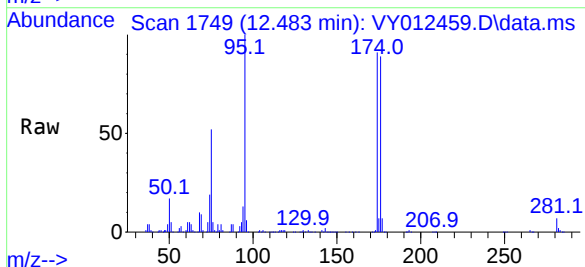
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

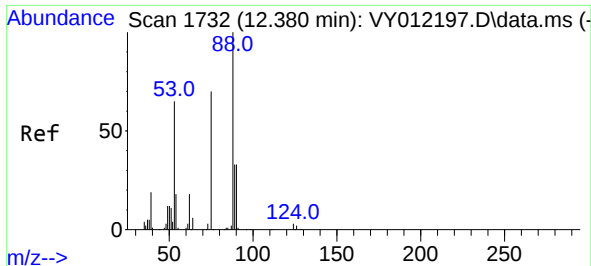
Tgt Ion:152 Resp: 107337
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 158.0 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012459.D
Acq: 02 Feb 2023 16:37

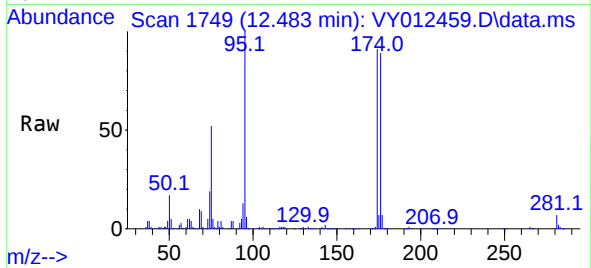
Tgt Ion: 75 Resp: 49561
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.462 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012459.D
 Acq: 02 Feb 2023 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1



Tgt Ion: 75 Resp: 49561
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

