

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006277.D
 Acq On : 04 Oct 2021 15:35
 Operator : SY/MD
 Sample : M4056-03
 Misc : 5.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 05 06:37:26 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	113153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	162065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76905	63.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.000%
35) Dibromofluoromethane	7.722	113	54649	56.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.400%
50) Toluene-d8	10.185	98	225034	55.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.600%
62) 4-Bromofluorobenzene	12.483	95	65573	47.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.860%

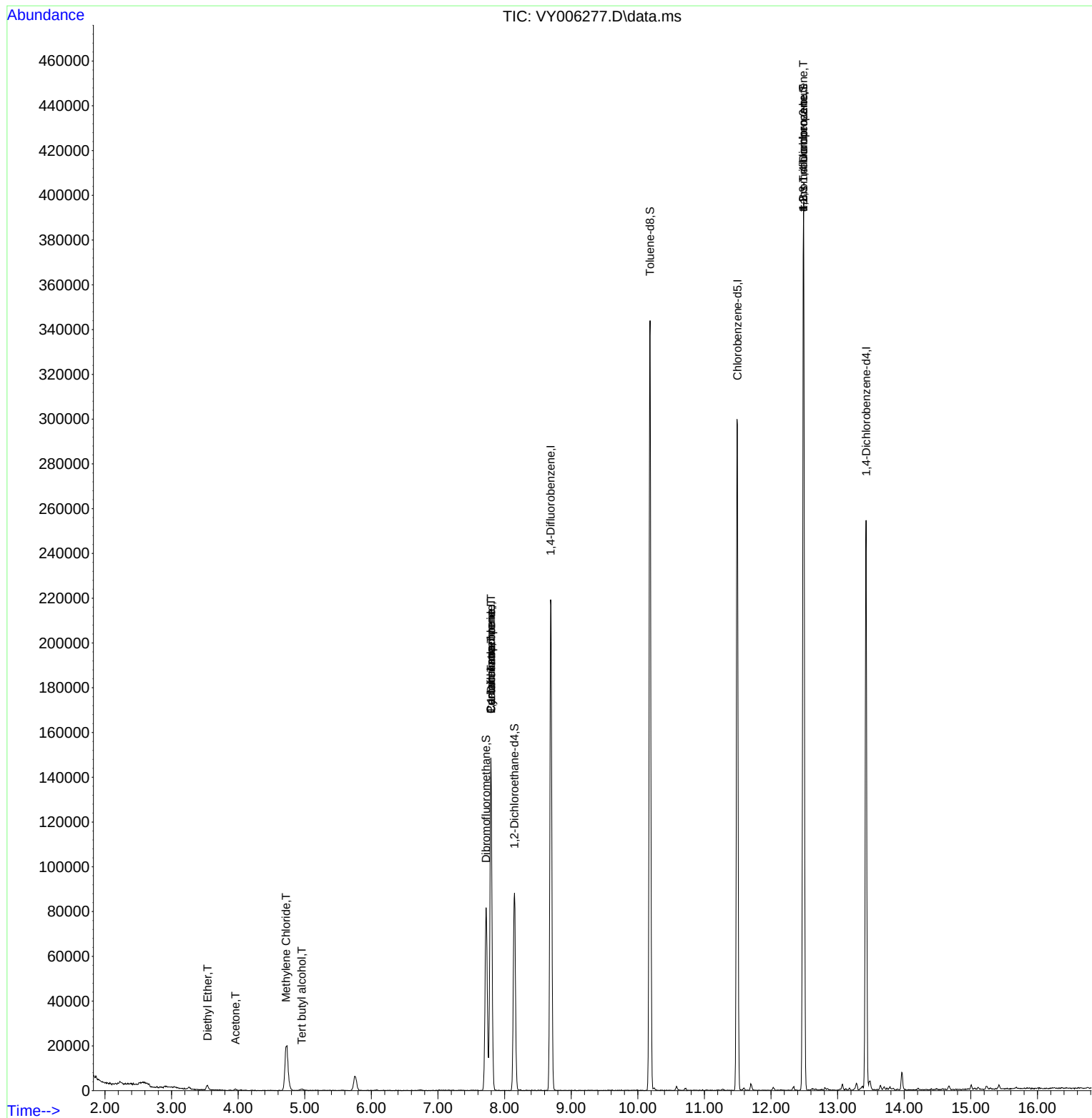
Target Compounds					Qvalue	
8) Diethyl Ether	3.540	74	1097	1.702	ug/l	80
11) Tert butyl alcohol	4.954	59	1222	11.535	ug/l #	77
16) Acetone	3.960	43	893	2.640	ug/l	91
20) Methylene Chloride	4.716	84	15431	10.258	ug/l #	79
31) Cyclohexane	7.795	56	2418	1.054	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	8803	4.862	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10777	5.636	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38132	62.537	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38132	122.894	ug/l #	8

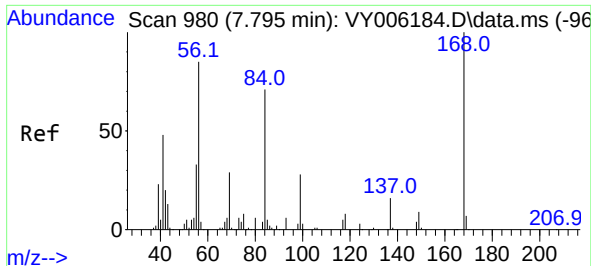
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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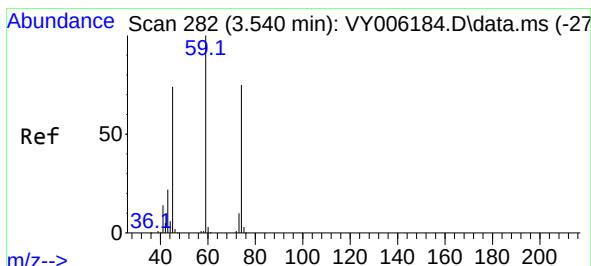
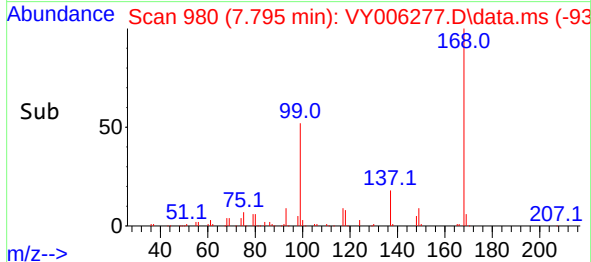
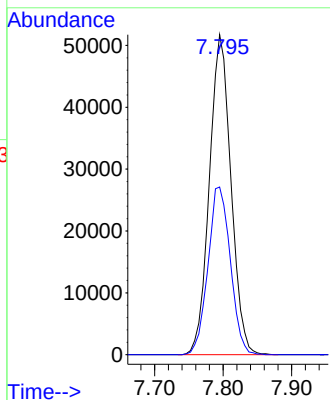
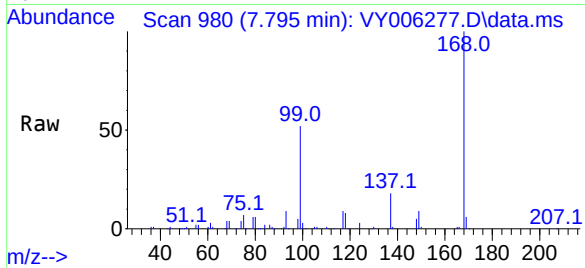




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

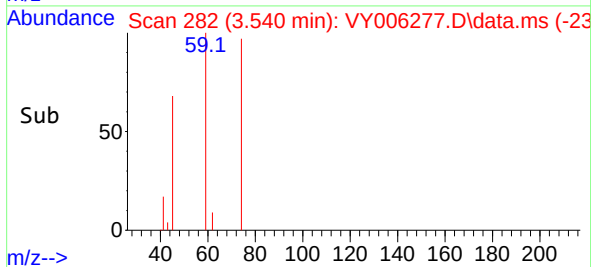
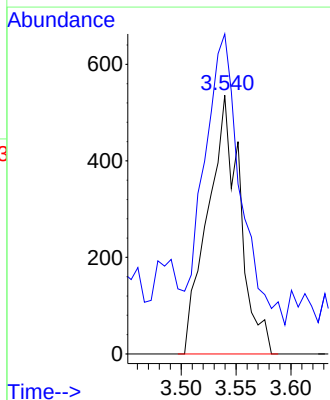
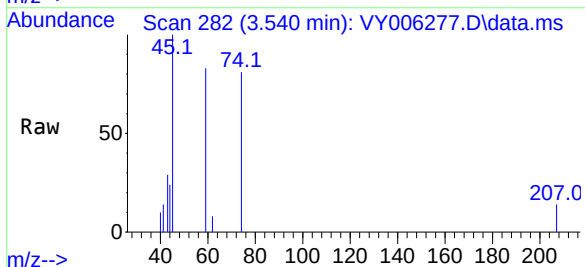
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-1

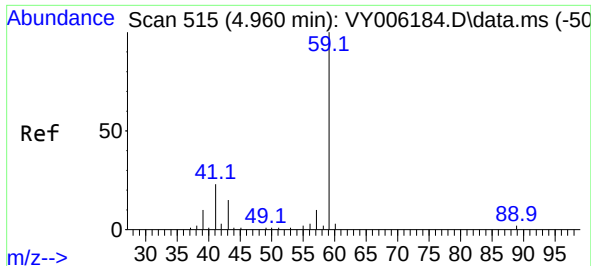
Tgt Ion:168 Resp: 113153
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#8
Diethyl Ether
Concen: 1.702 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 74 Resp: 1097
Ion Ratio Lower Upper
74 100
45 131.1 55.1 165.5

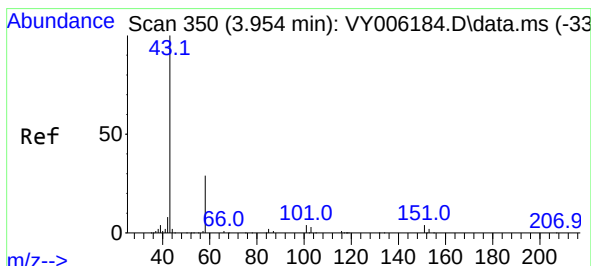
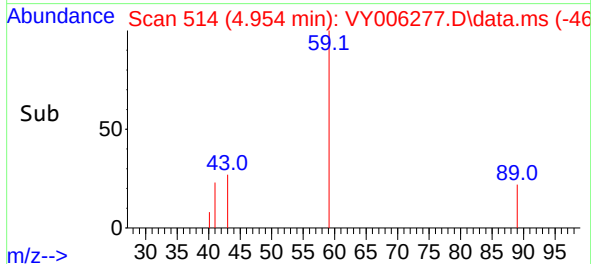
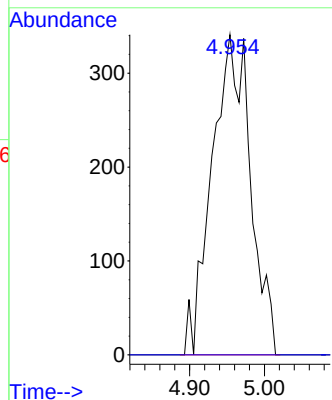
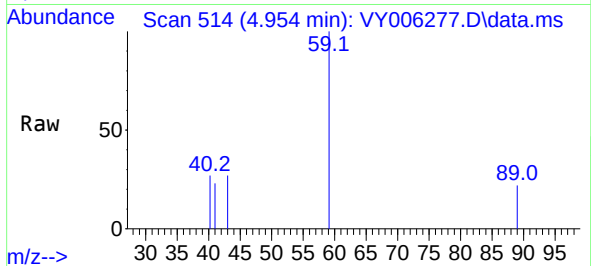




#11
Tert butyl alcohol
Concen: 11.535 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

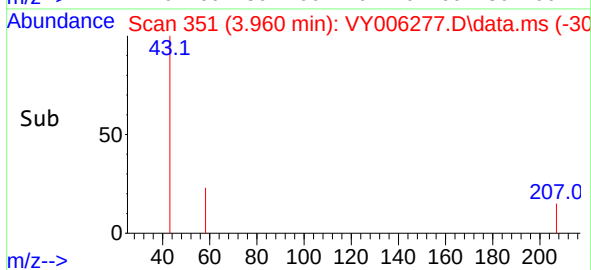
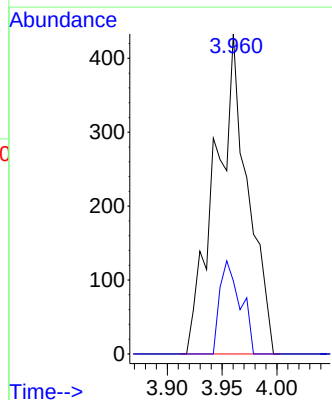
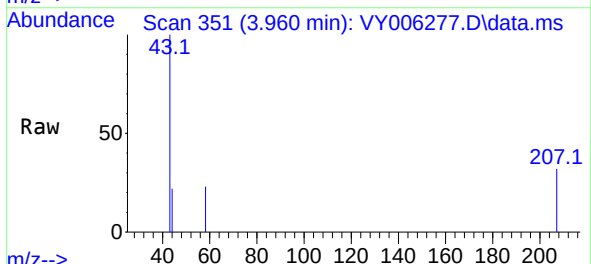
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-1

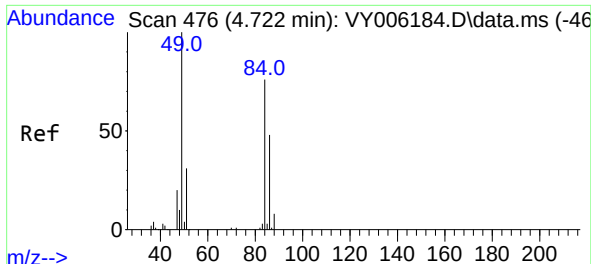
Tgt Ion: 59 Resp: 1222
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.640 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 22.9 22.0 33.0



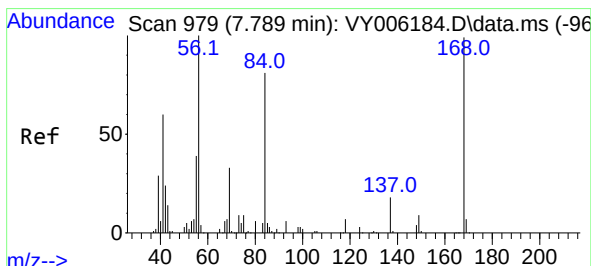
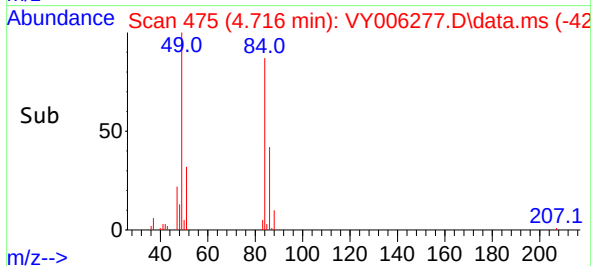
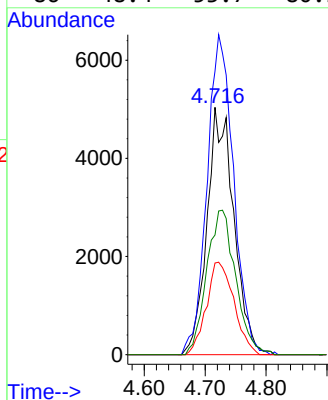
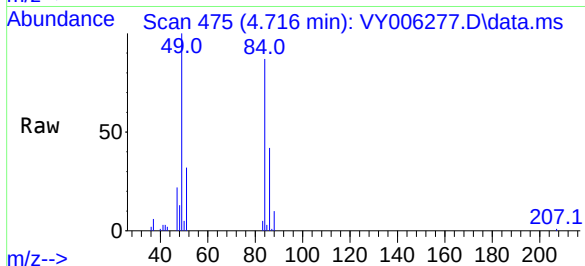


#20
Methylene Chloride
Concen: 10.258 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

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

Tgt Ion: 84 Resp: 15431

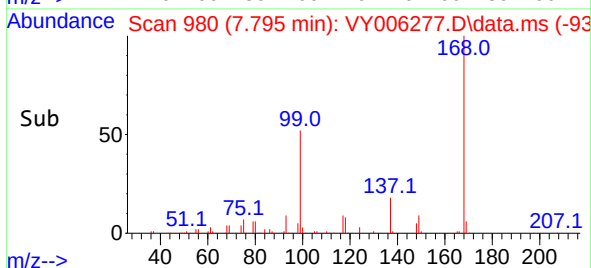
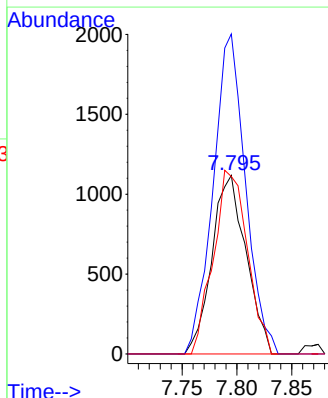
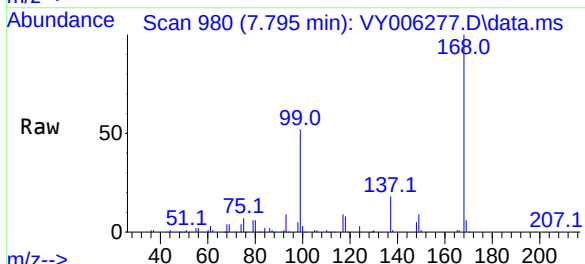
Ion	Ratio	Lower	Upper
84	100		
49	114.7	114.4	171.6
51	37.1	35.3	52.9
86	48.4	53.7	80.5#

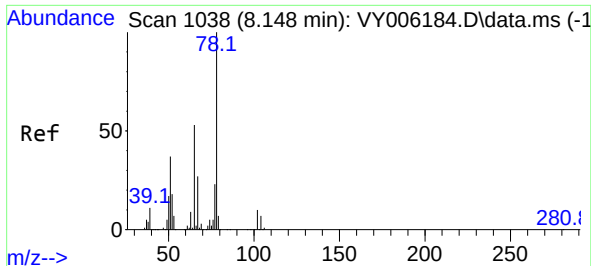


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 56 Resp: 2418

Ion	Ratio	Lower	Upper
56	100		
69	179.2	26.7	40.1#
84	99.4	67.2	100.8

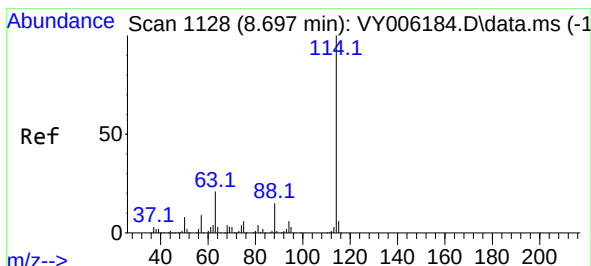
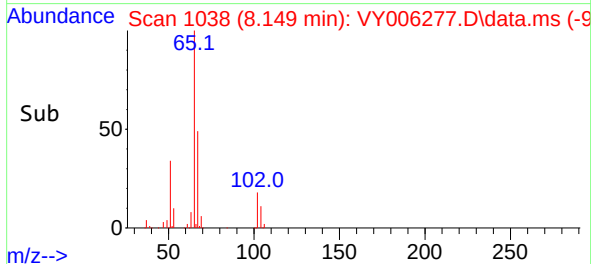
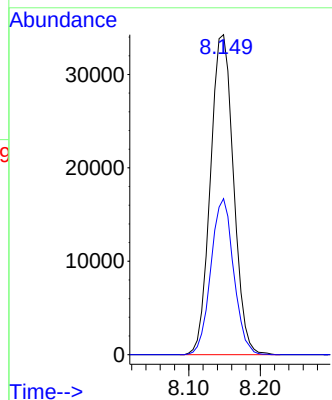
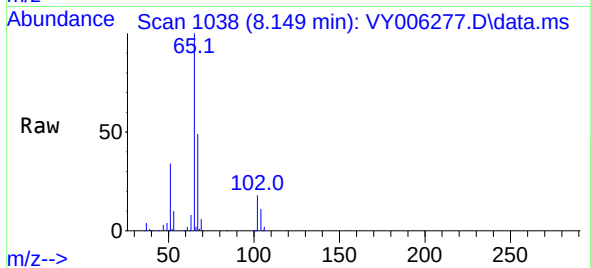




#33
1,2-Dichloroethane-d4
Concen: 63.502 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

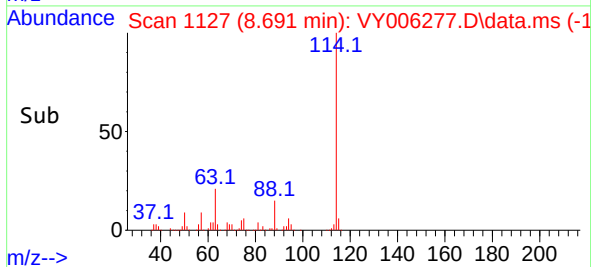
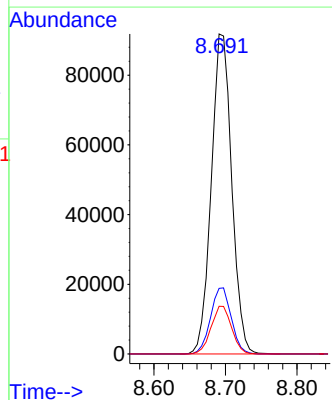
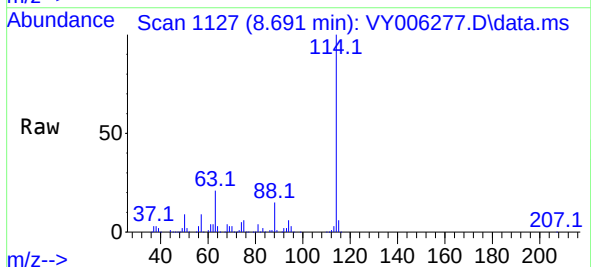
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-1

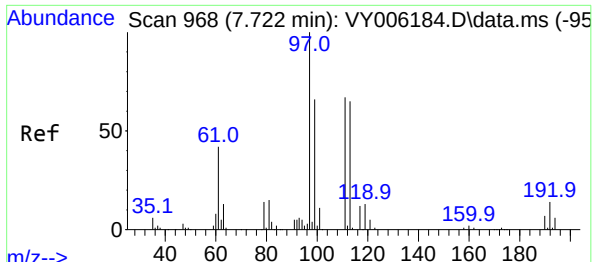
Tgt Ion: 65 Resp: 76905
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 114 Resp: 181996
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 14.9 0.0 31.8

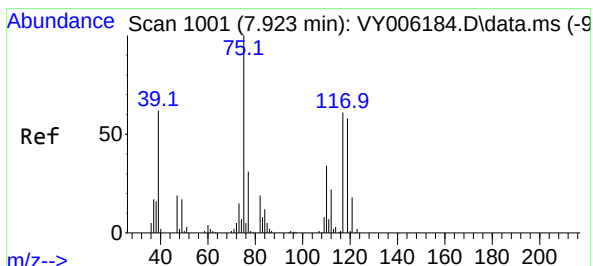
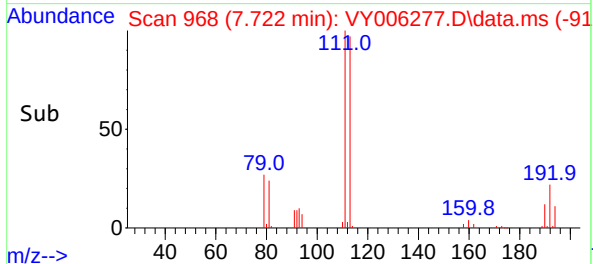
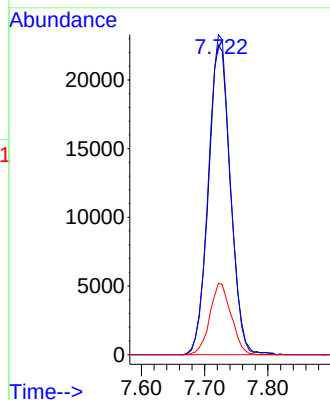
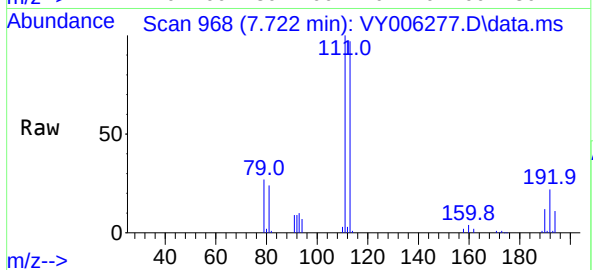




#35
Dibromofluoromethane
Concen: 56.204 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

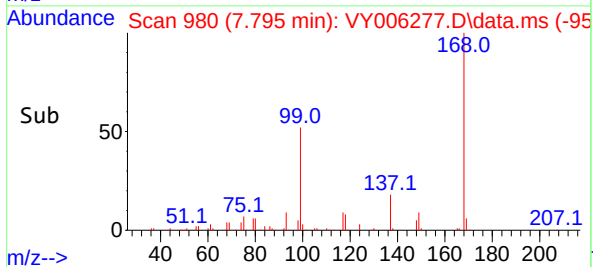
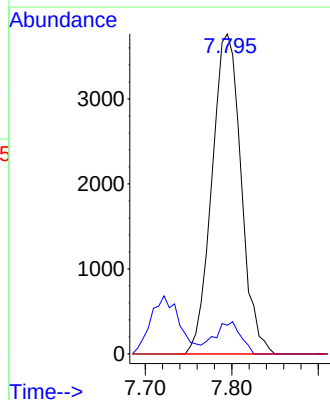
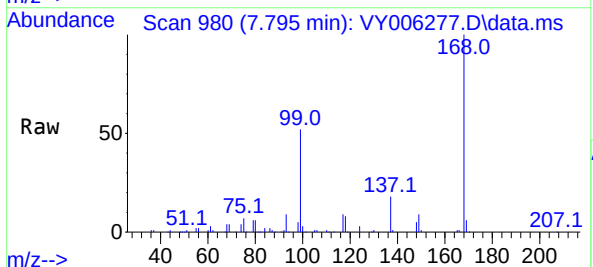
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-1

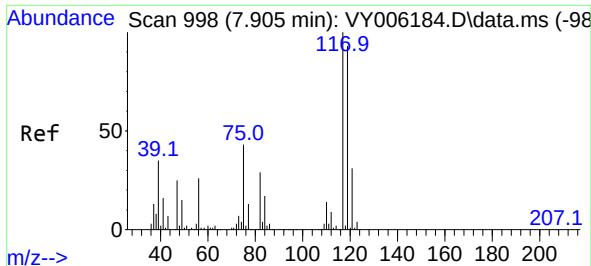
Tgt Ion:	113	Resp:	54649
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	22.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

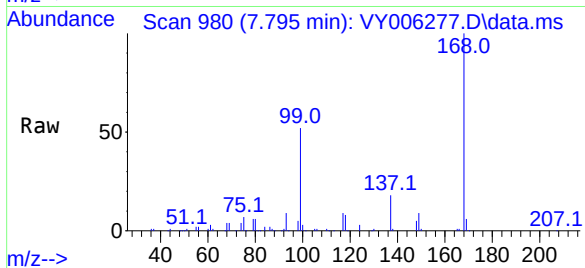
Tgt Ion:	75	Resp:	8803
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#



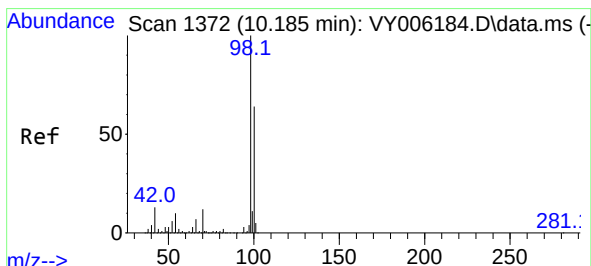
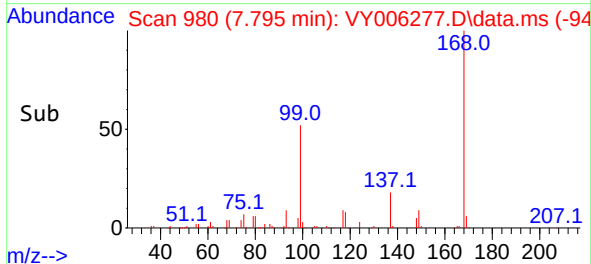
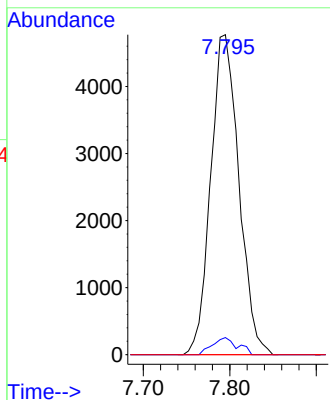


#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

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

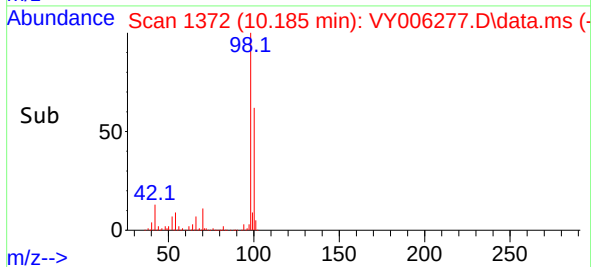
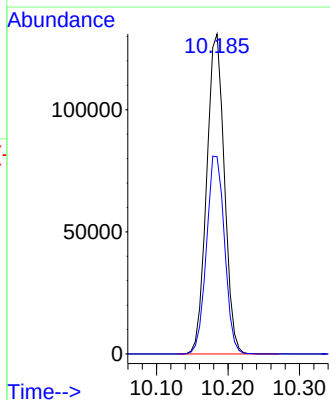
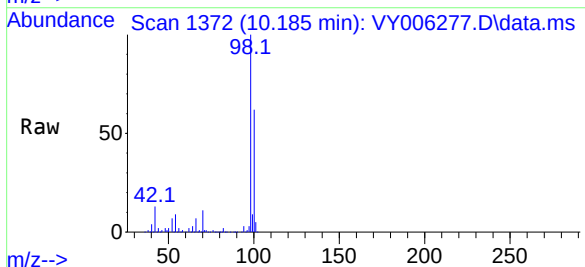


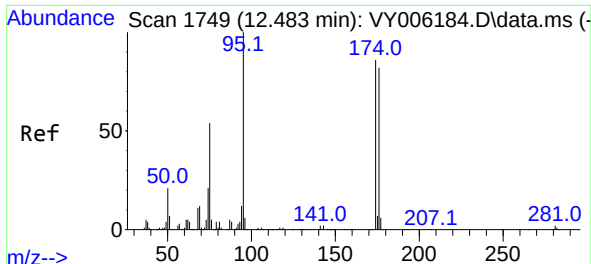
Tgt Ion:117 Resp: 10777
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.299 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 98 Resp: 225034
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



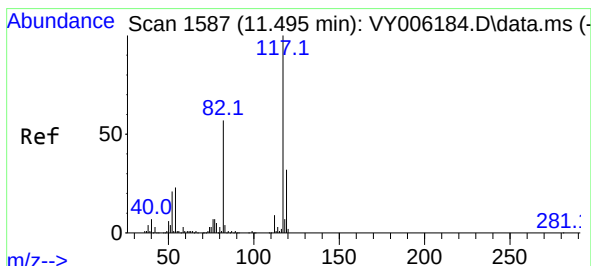
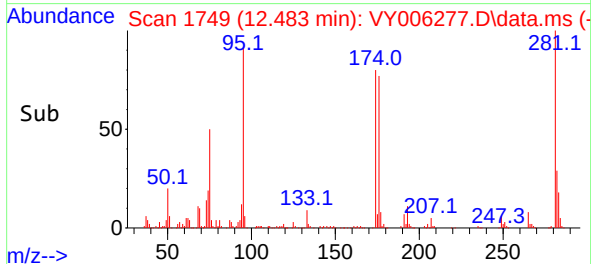
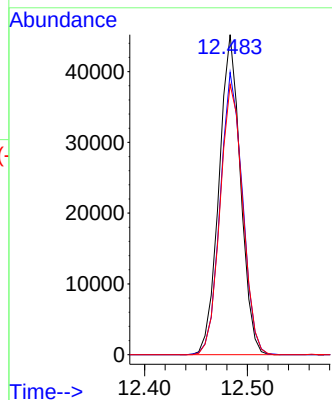
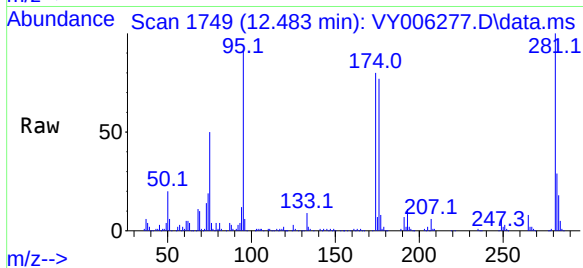


#62
4-Bromofluorobenzene
Concen: 47.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

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

Tgt Ion: 95 Resp: 65573

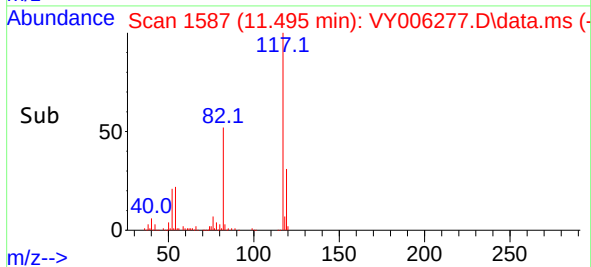
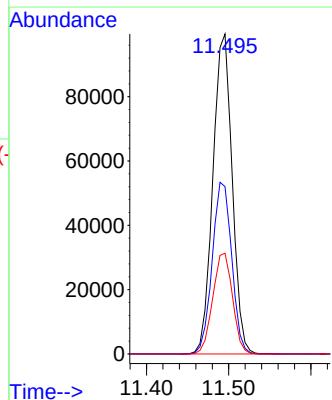
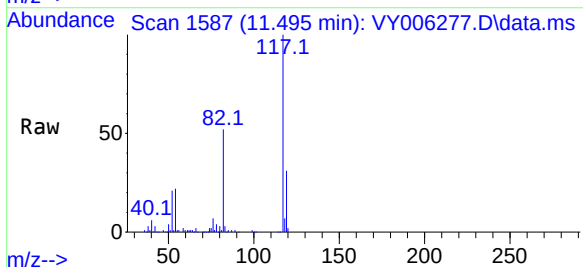
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	177.0
176	89.1	0.0	175.8

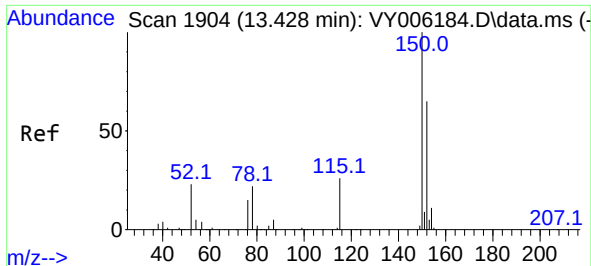


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

Tgt Ion: 117 Resp: 162065

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	31.5	25.4	38.0

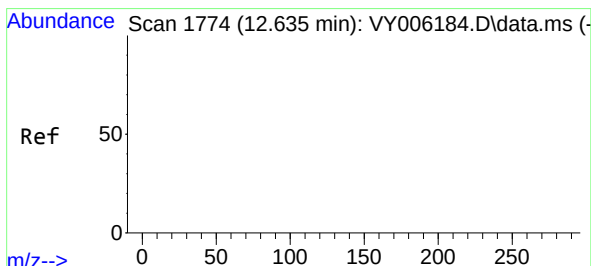
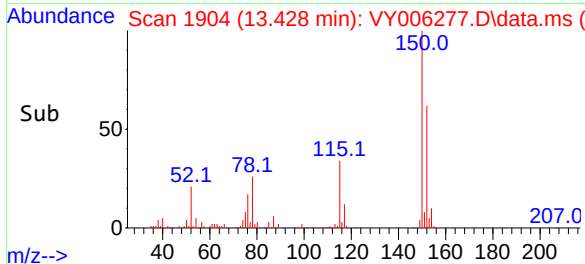
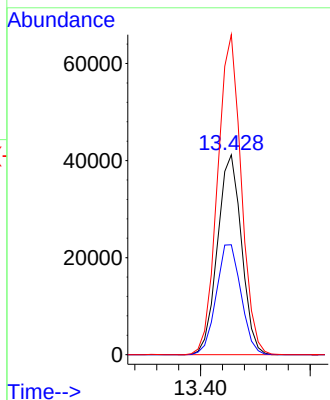
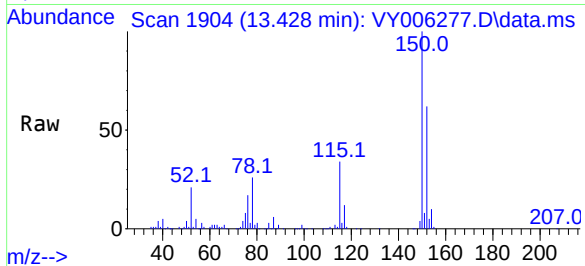




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

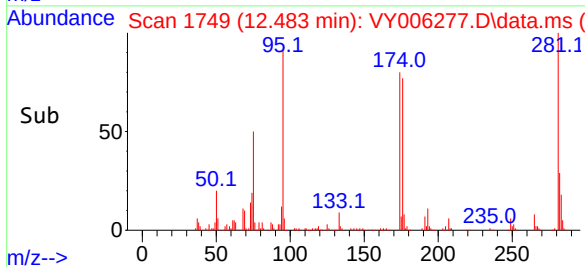
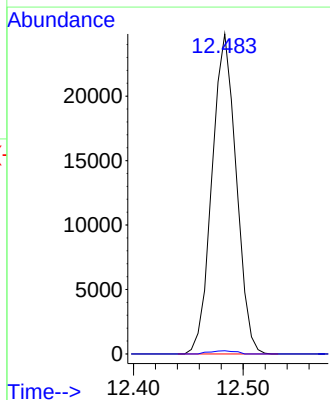
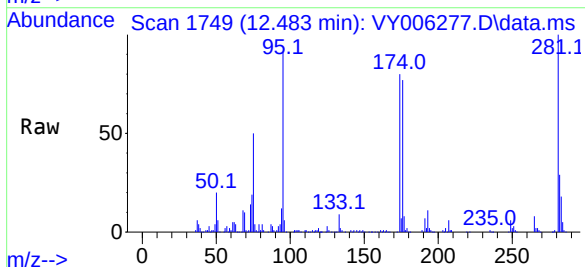
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-1

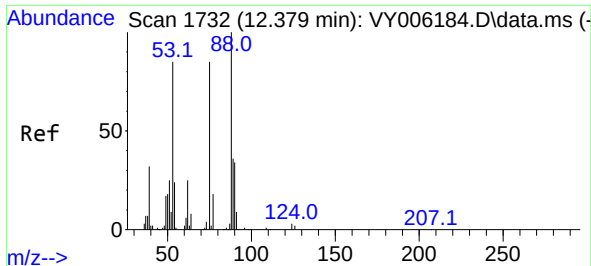
Tgt Ion:152 Resp: 62735
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 62.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

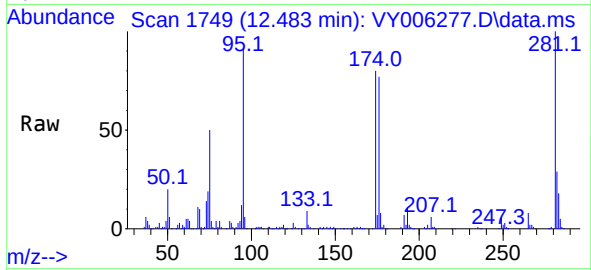
Tgt Ion: 75 Resp: 38132
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006277.D
Acq: 04 Oct 2021 15:35

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



Tgt Ion: 75 Resp: 38132
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.3 37.0 55.4#

