

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007445.D
 Acq On : 09 Feb 2022 12:10
 Operator : SY/MD
 Sample : N1427-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VAULT-03-WASTE

Quant Time: Feb 10 05:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

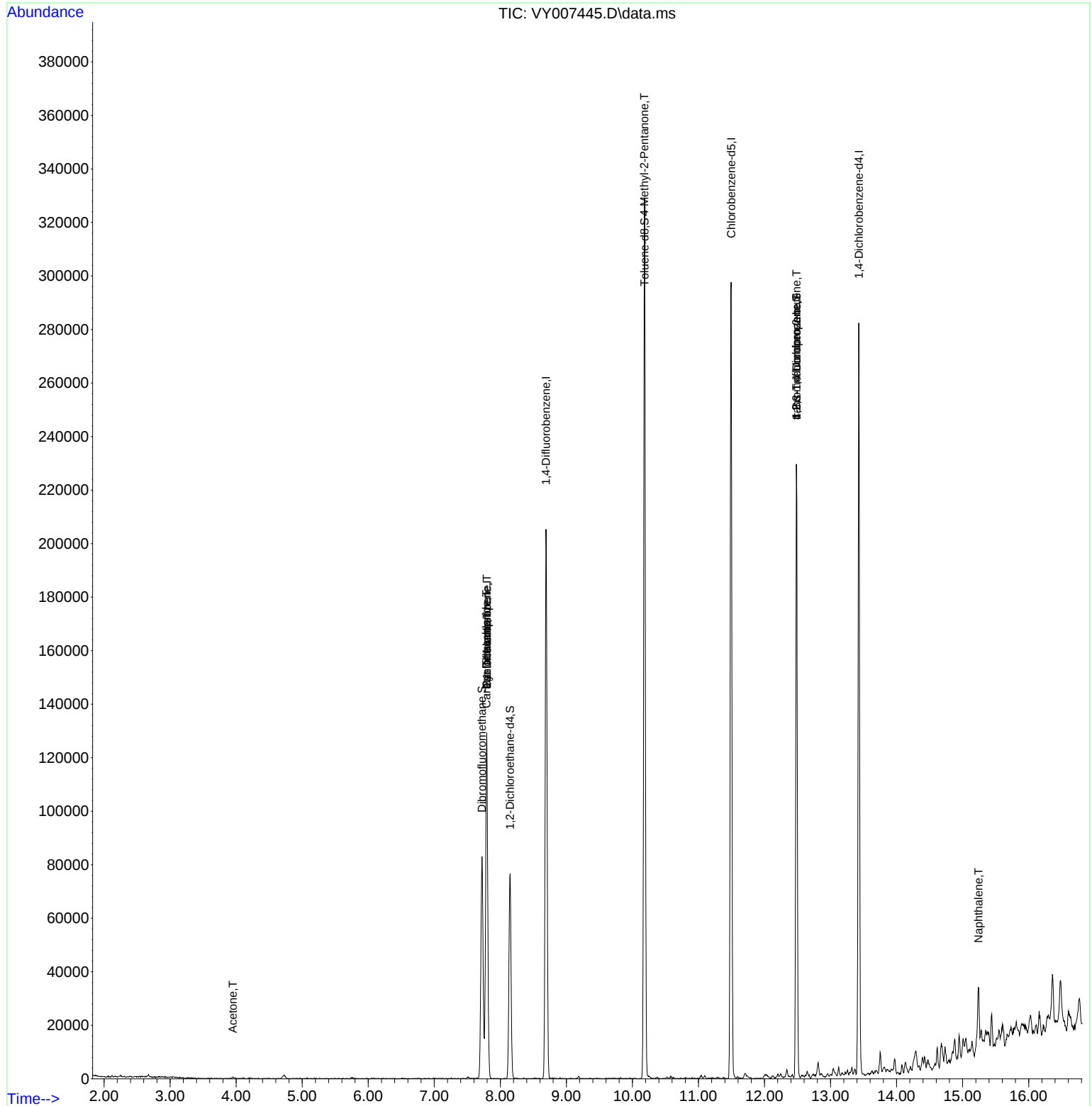
Internal Standards						
1) Pentafluorobenzene	7.795	168	94171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60903	56.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.460%	
35) Dibromofluoromethane	7.722	113	57749	50.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.185	98	214844	51.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.483	95	72826	51.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	317	Below Cal		98
16) Acetone	3.948	43	932	2.649 ug/l	#	89
20) Methylene Chloride	4.710	84	433	Below Cal	#	52
31) Cyclohexane	7.795	56	2256	1.067 ug/l	#	12
36) 1,1-Dichloropropene	7.795	75	8003	4.032 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	10143	4.864 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.179	43	943	1.007 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	38242	48.433 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38242	97.031 ug/l	#	7
95) Naphthalene	15.239	128	19519	7.268 ug/l		98

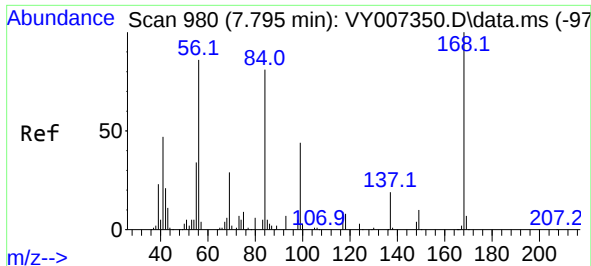
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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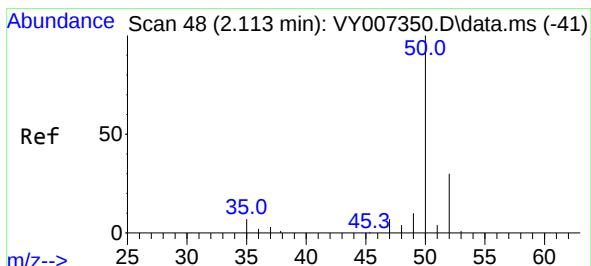
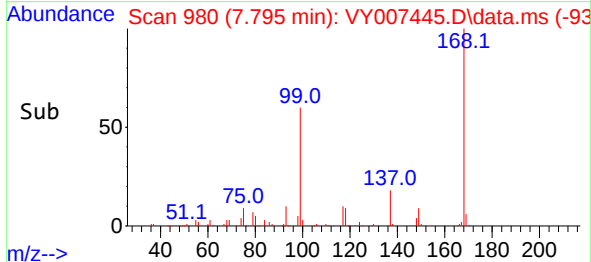
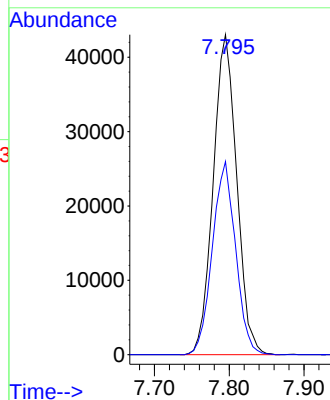
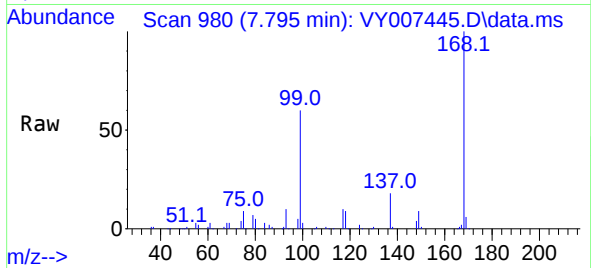




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

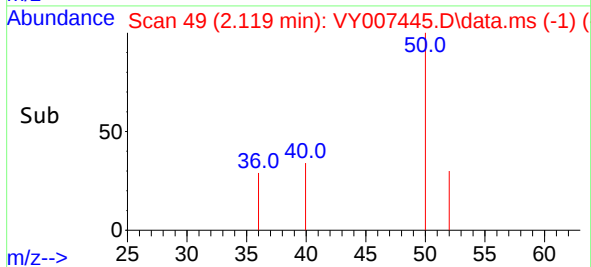
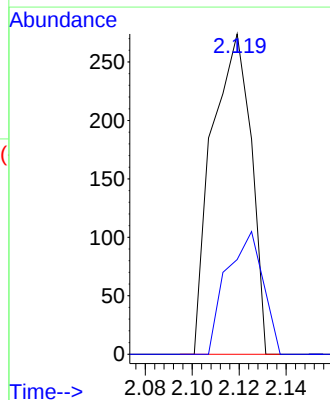
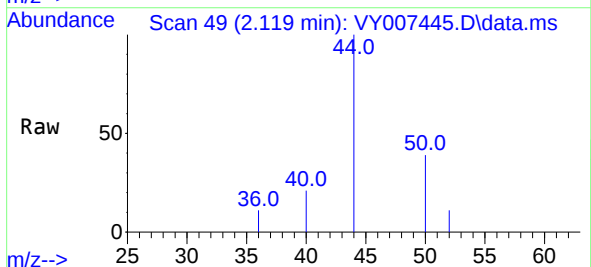
Instrument :
MSVOA_Y
ClientSampleId :
VAULT-03-WASTE

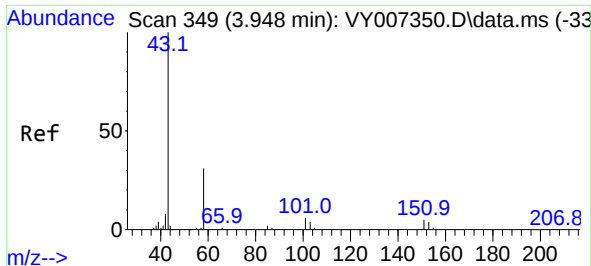
Tgt Ion:168 Resp: 94171
Ion Ratio Lower Upper
168 100
99 60.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 50 Resp: 317
Ion Ratio Lower Upper
50 100
52 29.6 24.6 37.0

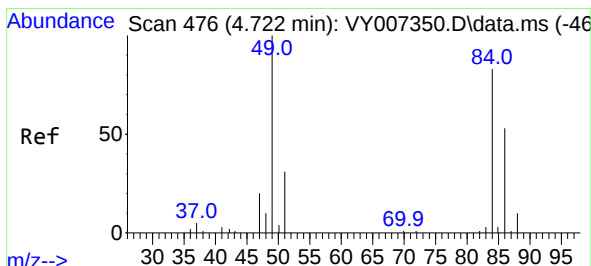
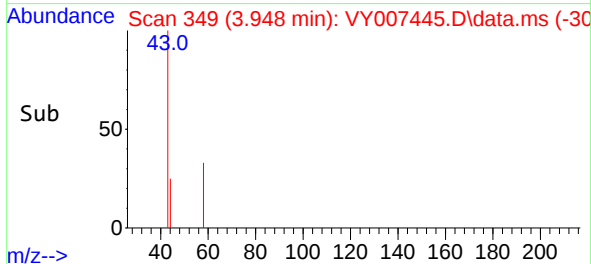
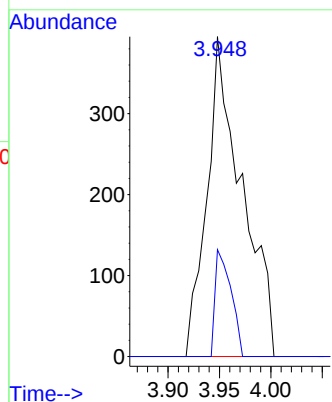
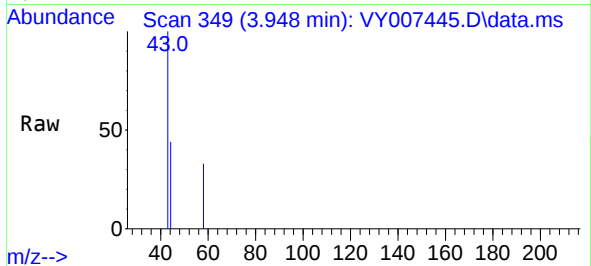




#16
Acetone
Concen: 2.649 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

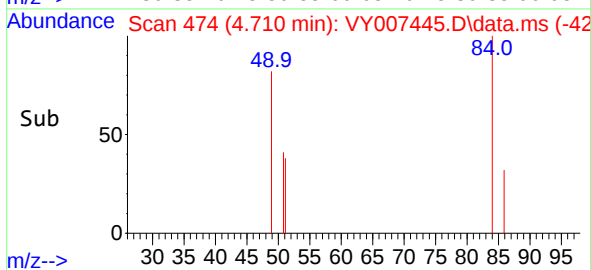
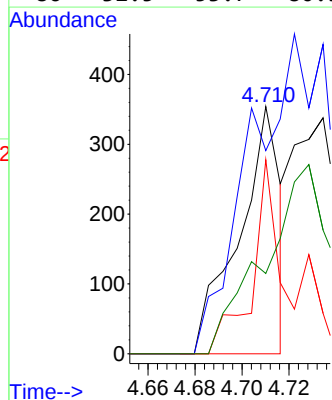
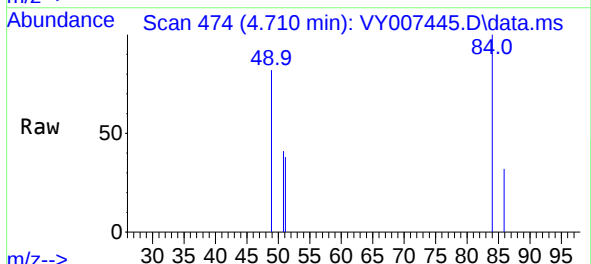
Instrument :
MSVOA_Y
ClientSampleId :
VAULT-03-WASTE

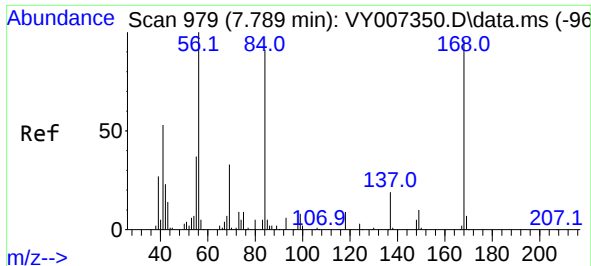
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 84 Resp: 433
Ion Ratio Lower Upper
84 100
49 82.2 114.4 171.6#
51 78.5 35.3 52.9#
86 32.5 53.7 80.5#

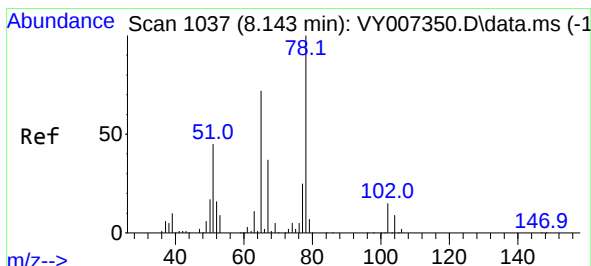
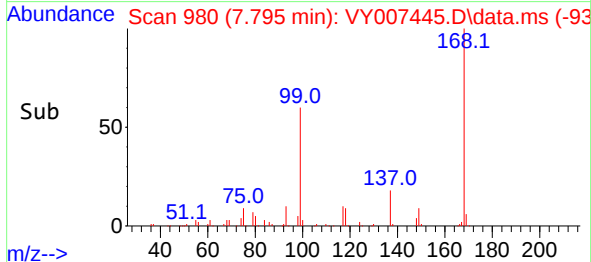
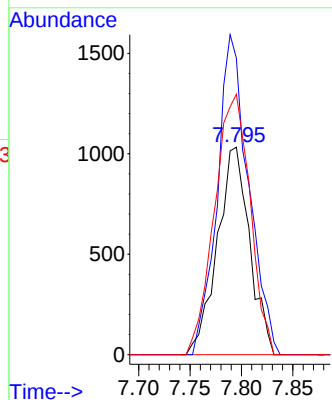
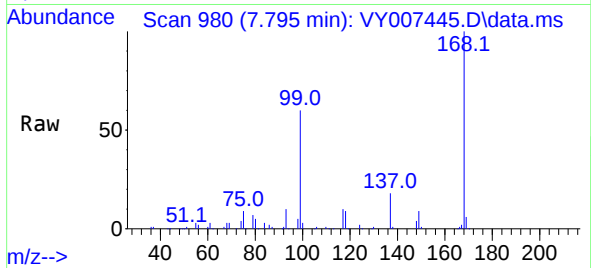




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

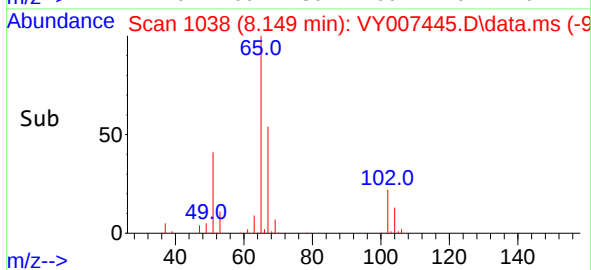
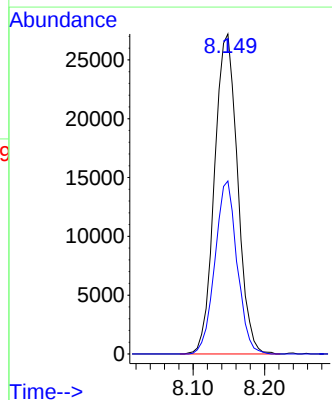
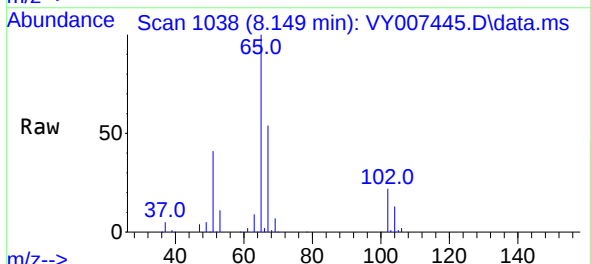
Instrument :
MSVOA_Y
ClientSampleId :
VAULT-03-WASTE

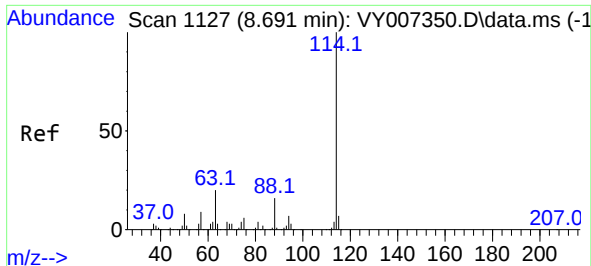
Tgt Ion: 56 Resp: 2256
Ion Ratio Lower Upper
56 100
69 143.0 26.7 40.1#
84 125.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.225 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 65 Resp: 60903
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007445.D

Acq: 09 Feb 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VAULT-03-WASTE

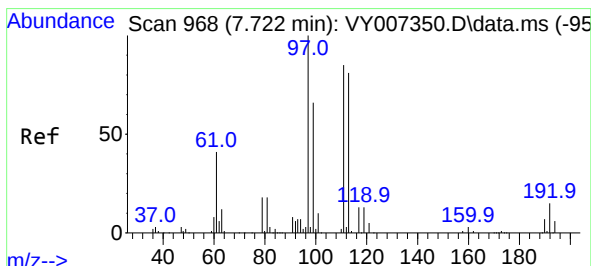
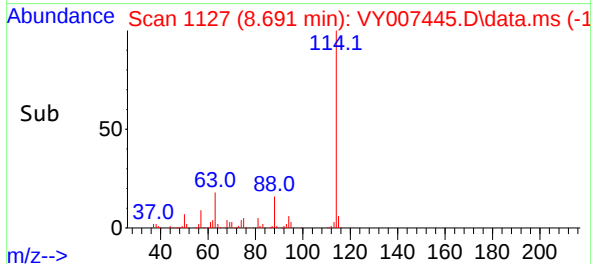
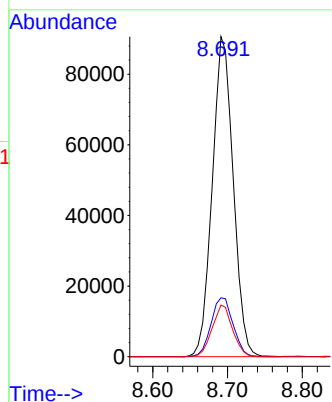
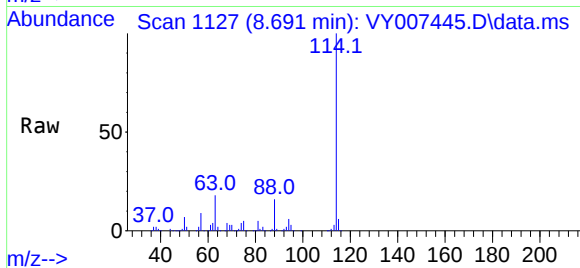
Tgt Ion:114 Resp: 176820

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.861 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007445.D

Acq: 09 Feb 2022 12:10

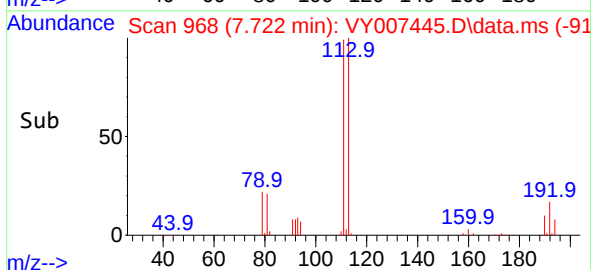
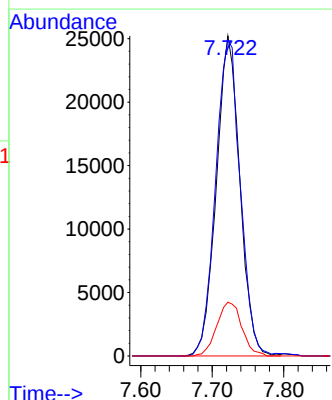
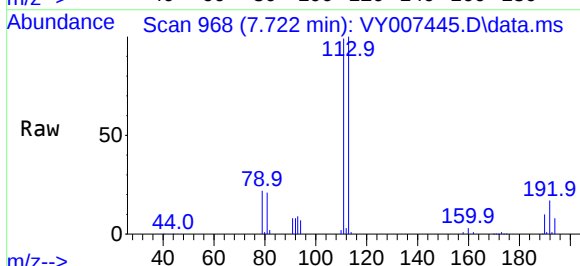
Tgt Ion:113 Resp: 57749

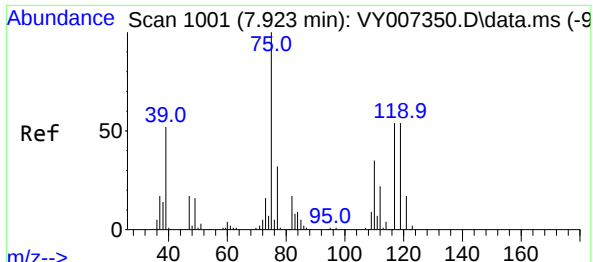
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 17.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.032 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY007445.D

Acq: 09 Feb 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VAULT-03-WASTE

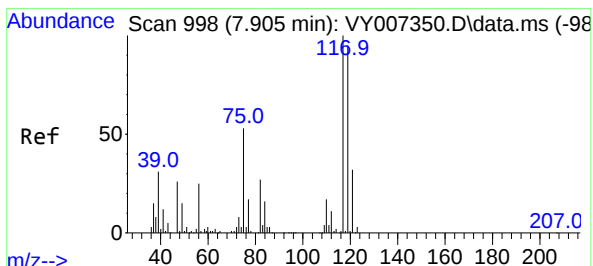
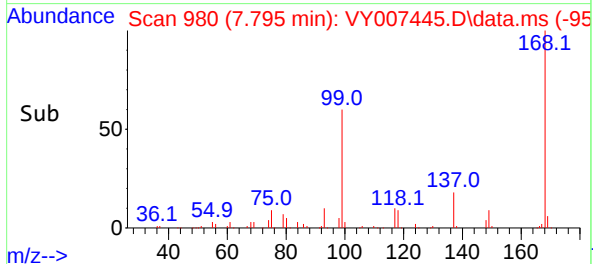
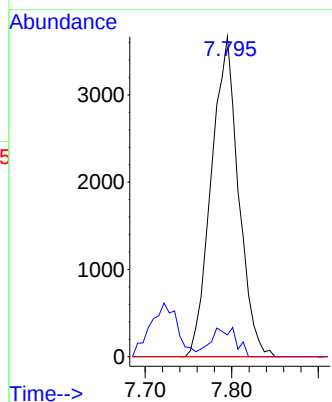
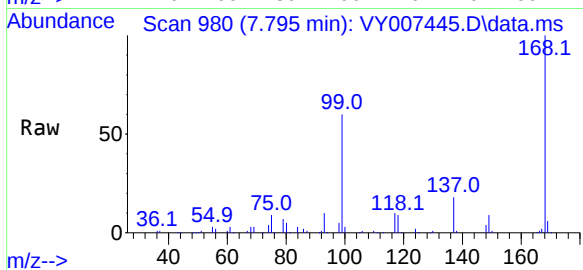
Tgt Ion: 75 Resp: 8003

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.864 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007445.D

Acq: 09 Feb 2022 12:10

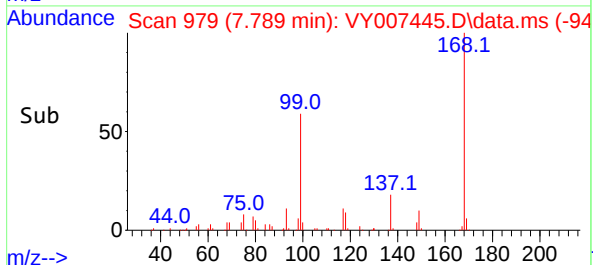
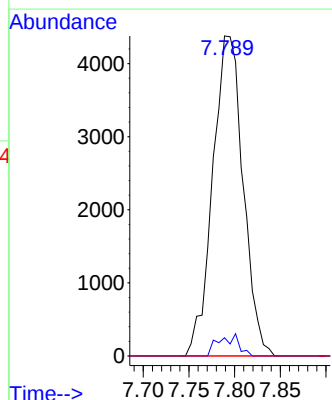
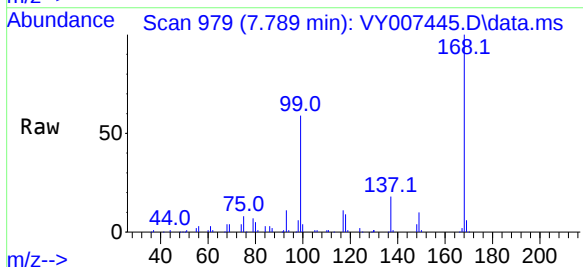
Tgt Ion: 117 Resp: 10143

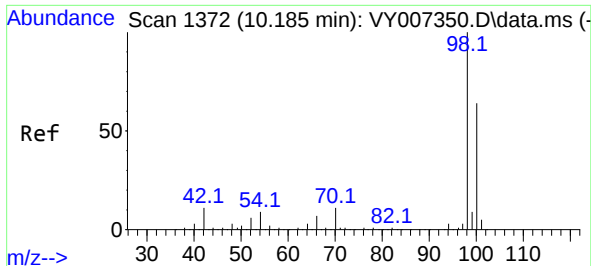
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

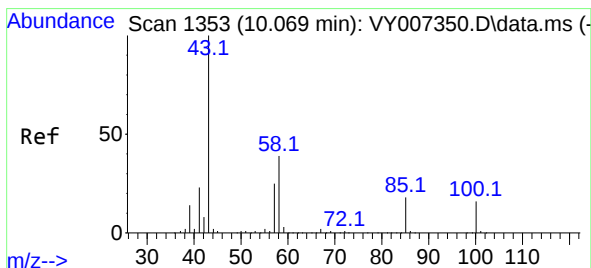
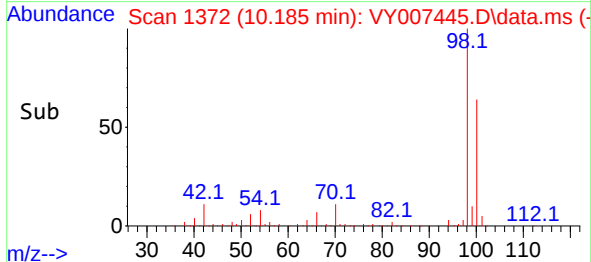
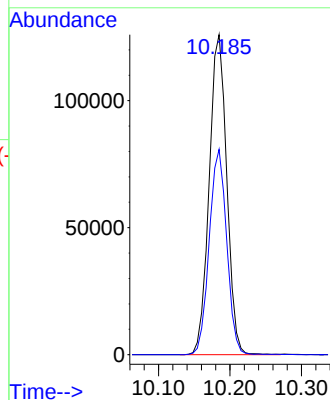
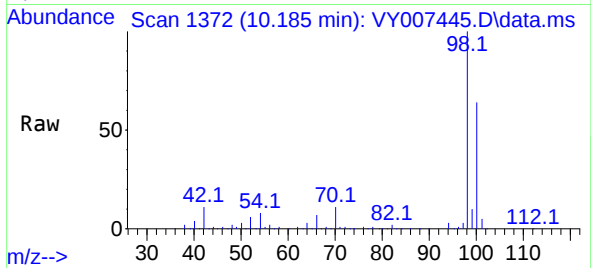




#50
Toluene-d8
Concen: 51.216 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

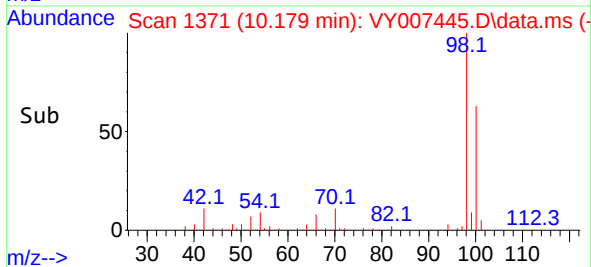
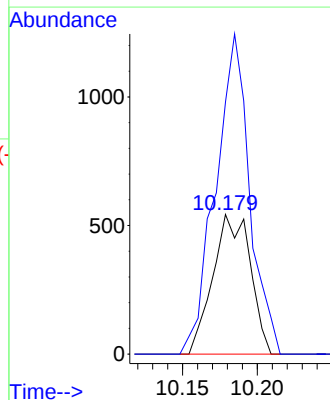
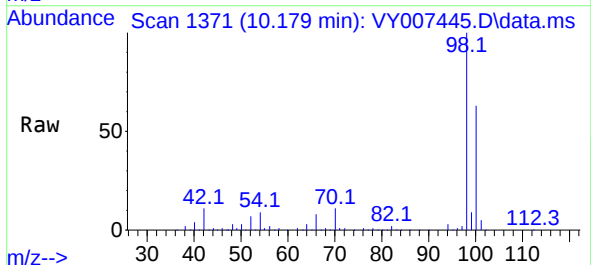
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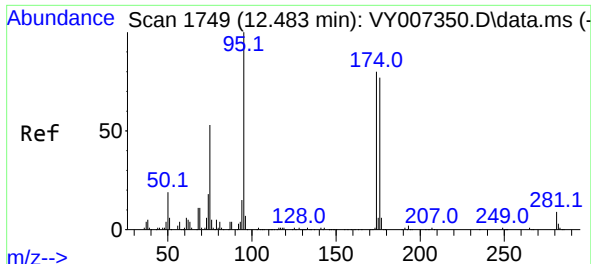
Tgt Ion: 98 Resp: 214844
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 209.3 28.1 42.1#

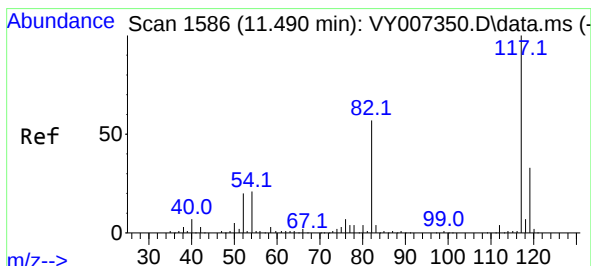
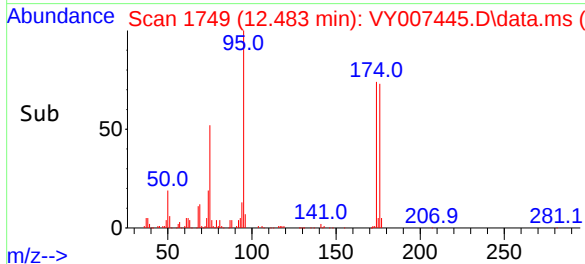
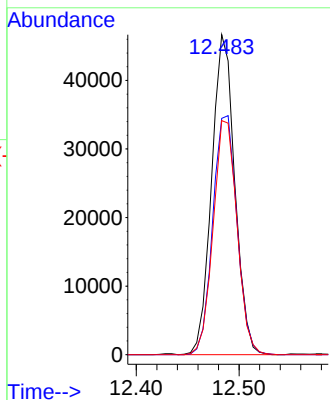
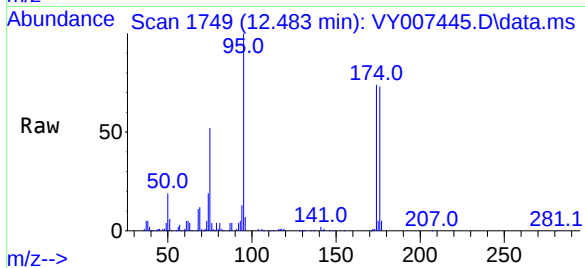




#62
4-Bromofluorobenzene
Concen: 51.078 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

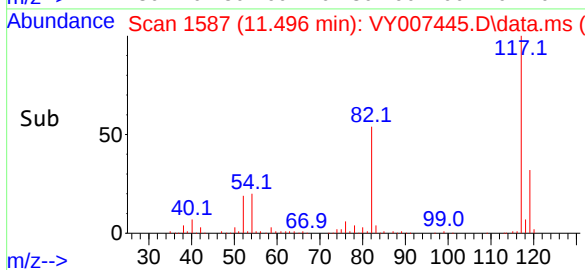
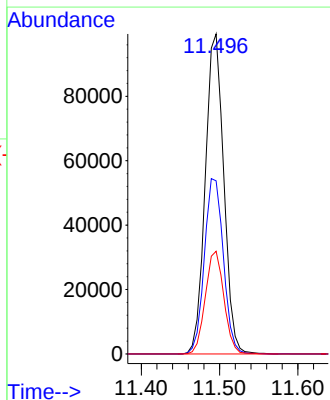
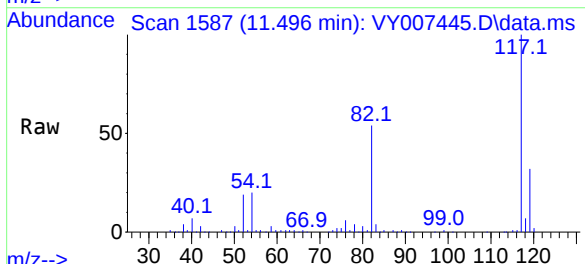
Instrument :
MSVOA_Y
ClientSampleId :
VAULT-03-WASTE

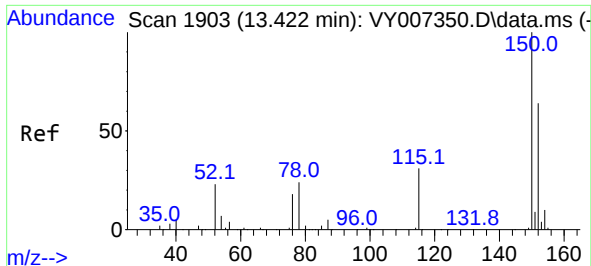
Tgt Ion: 95 Resp: 72826
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 75.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 117 Resp: 162724
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.1 25.4 38.0

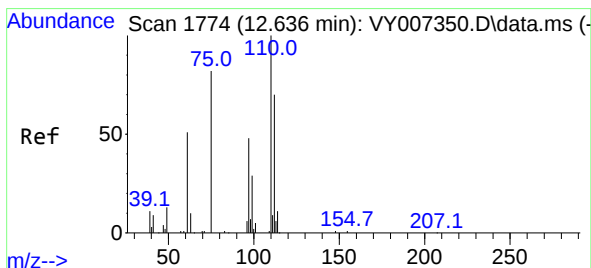
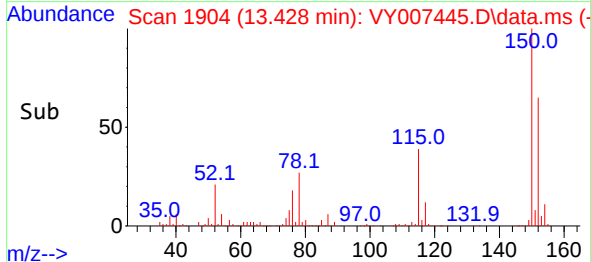
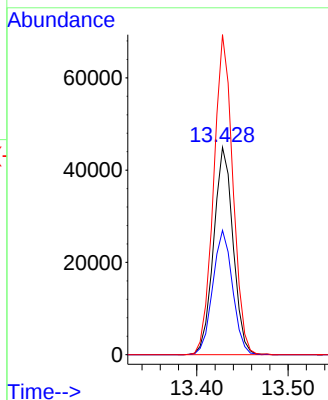
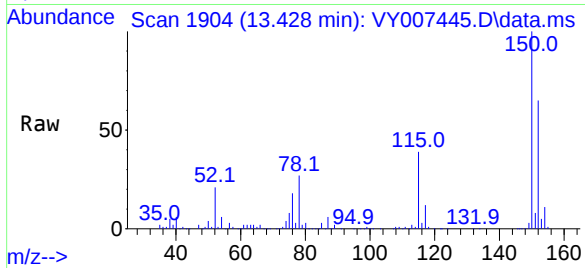




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007445.D
 Acq: 09 Feb 2022 12:10

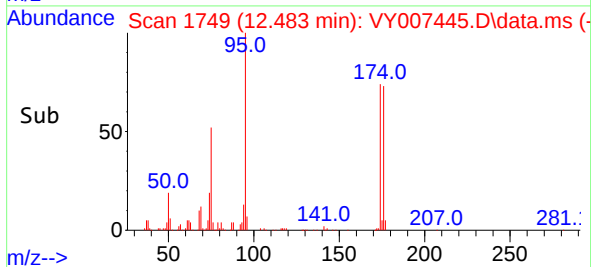
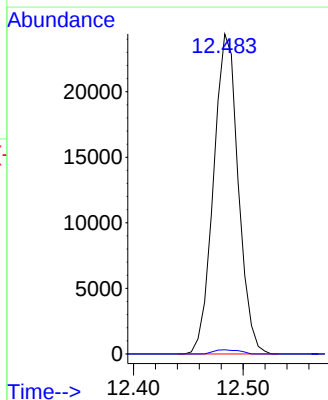
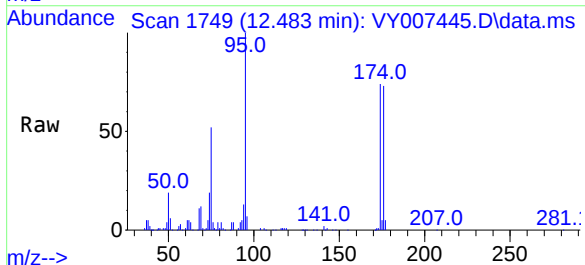
Instrument :
 MSVOA_Y
 ClientSampleId :
 VAULT-03-WASTE

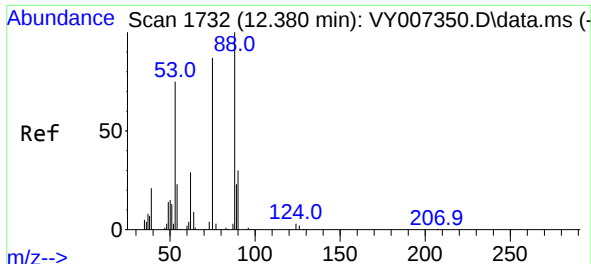
Tgt Ion:152 Resp: 66418
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 152.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.433 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007445.D
 Acq: 09 Feb 2022 12:10

Tgt Ion: 75 Resp: 38242
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

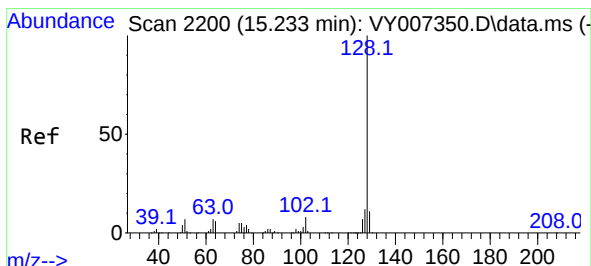
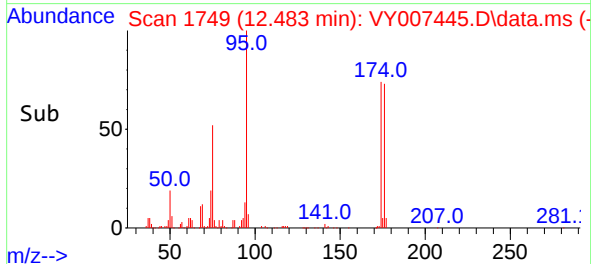
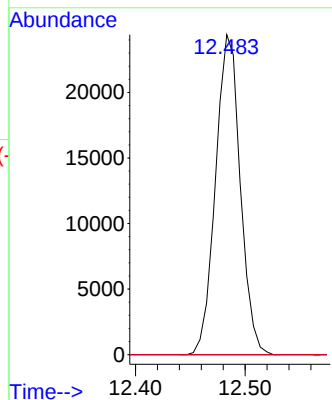
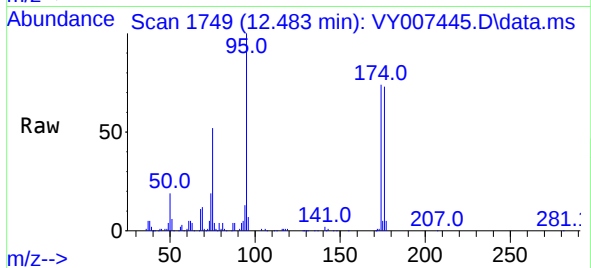




#81
trans-1,4-Dichloro-2-butene
Concen: 97.031 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VAULT-03-WASTE

Tgt Ion: 75 Resp: 38242
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 7.268 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007445.D
Acq: 09 Feb 2022 12:10

Tgt Ion: 128 Resp: 19519
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.4 8.4 12.6

