

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011374.D
 Acq On : 08 Nov 2022 19:50
 Operator : KP/MD
 Sample : N5436-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

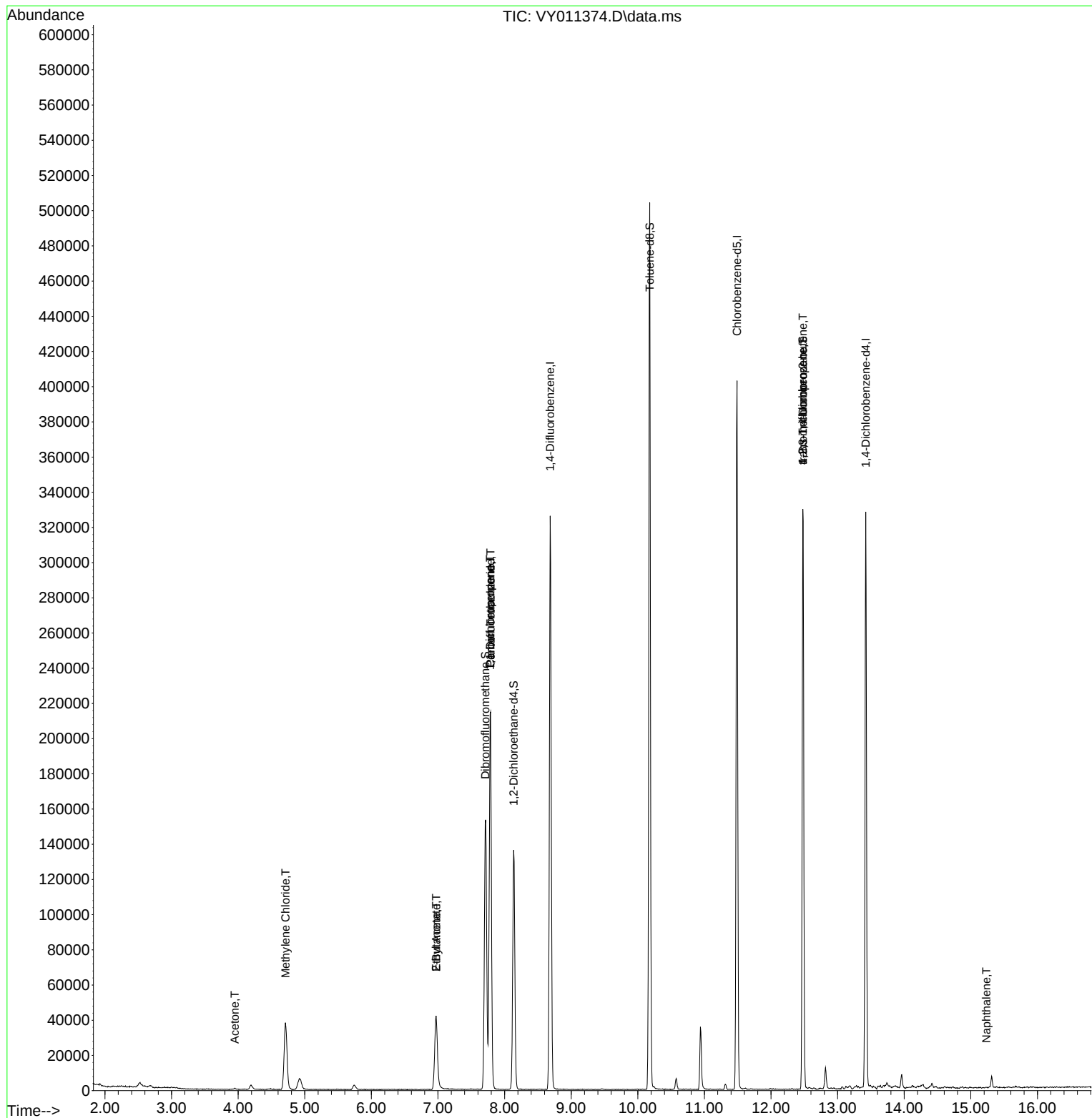
Internal Standards						
1) Pentafluorobenzene	7.789	168	173179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105329	56.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.740%	
35) Dibromofluoromethane	7.710	113	113877	62.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.620%	
50) Toluene-d8	10.179	98	334534	47.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.477	95	104389	42.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	66	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	6624	Below Cal	#	77
16) Acetone	3.948	43	973	1.740	ug/l #	83
20) Methylene Chloride	4.710	84	31069	9.516	ug/l #	80
25) 2-Butanone	6.972	43	2119	2.694	ug/l #	86
36) 1,1-Dichloropropene	7.783	75	12701	4.256	ug/l #	50
37) Ethyl Acetate	6.972	43	2119	1.317	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16642	5.375	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	49846	45.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49846	98.134	ug/l #	7
95) Naphthalene	15.233	128	423	4.067	ug/l #	69

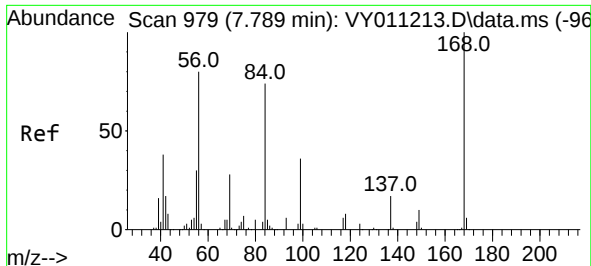
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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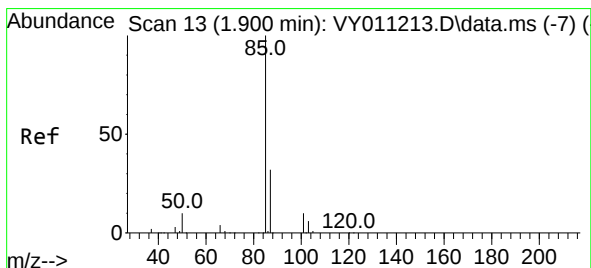
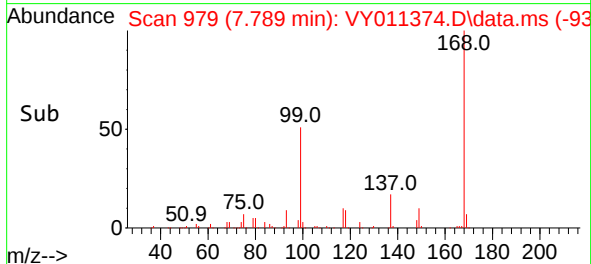
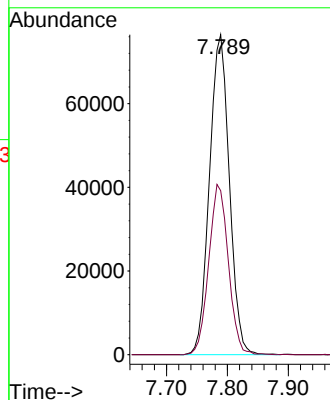
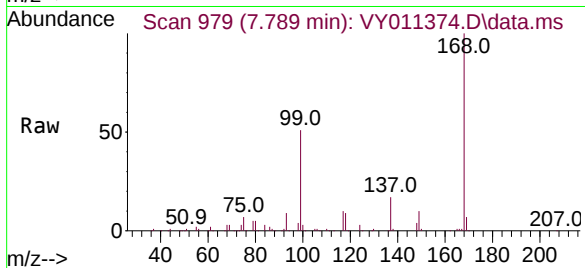




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

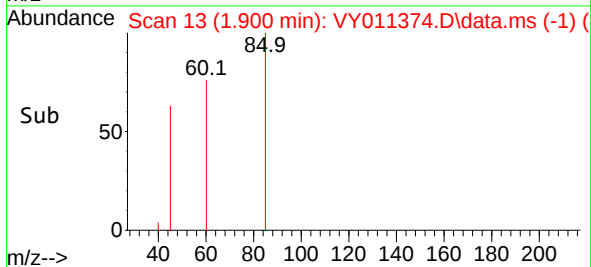
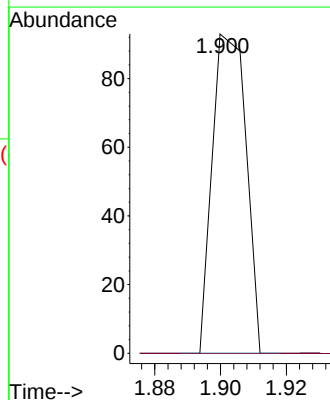
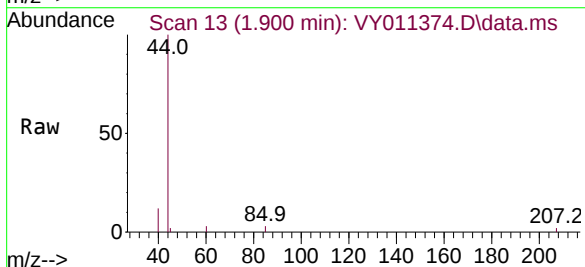
Instrument :
MSVOA_Y
ClientSampleId :

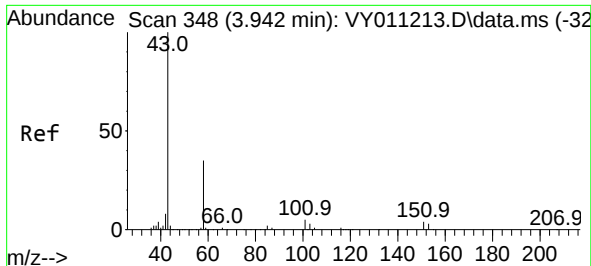
Tgt Ion:168 Resp: 173179
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

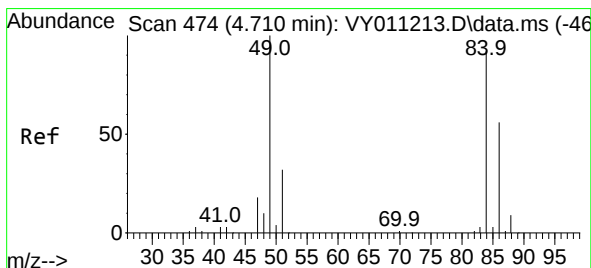
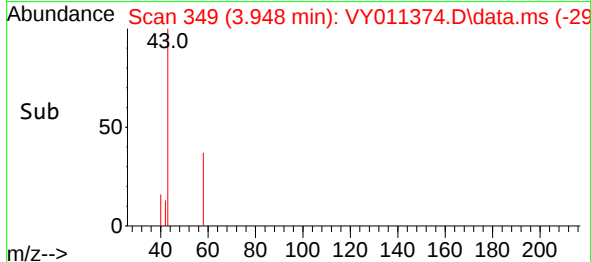
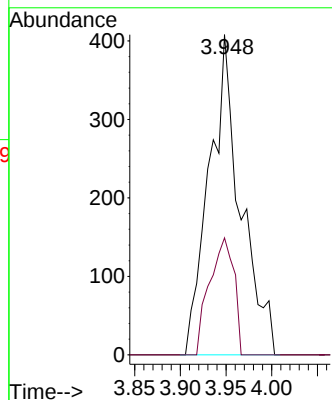
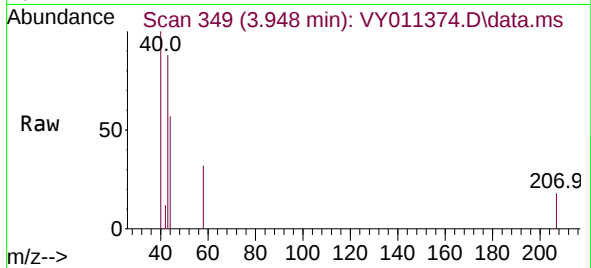




#16
Acetone
Concen: 1.740 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

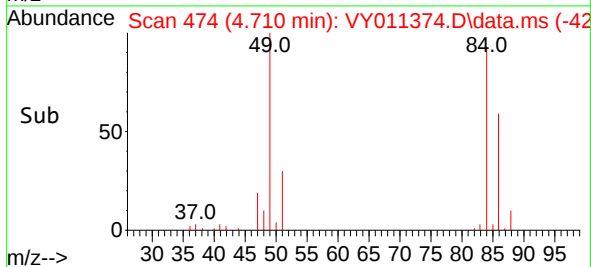
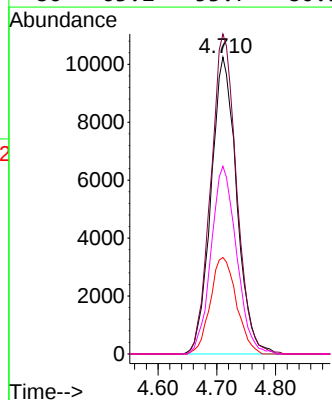
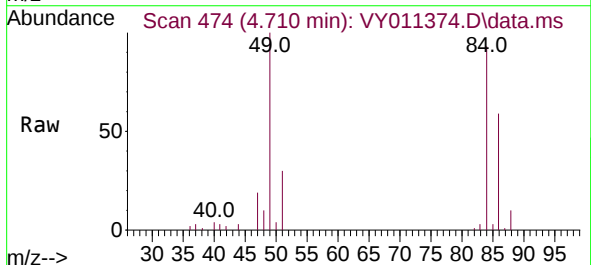
Instrument :
MSVOA_Y
ClientSampleId :

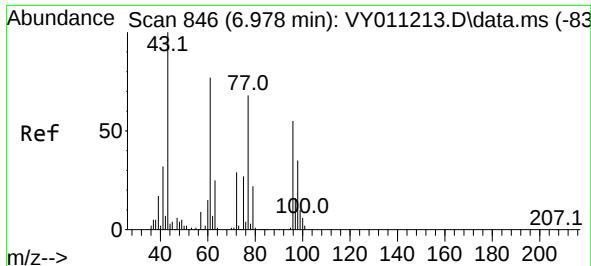
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 36.5 22.0 33.0#



#20
Methylene Chloride
Concen: 9.516 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 84 Resp: 31069
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 32.5 35.3 52.9#
86 63.2 53.7 80.5





#25

2-Butanone

Concen: 2.694 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

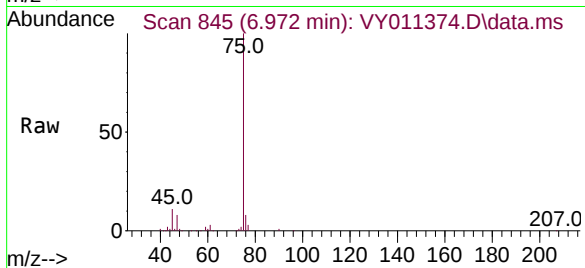
Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

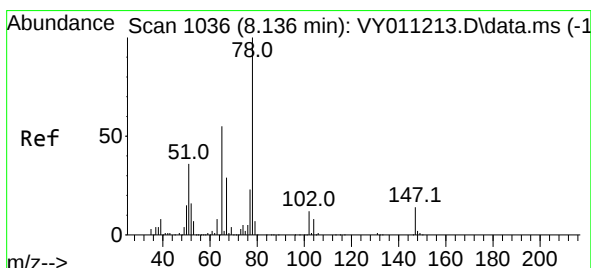
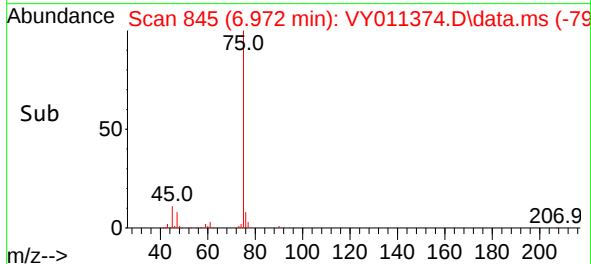
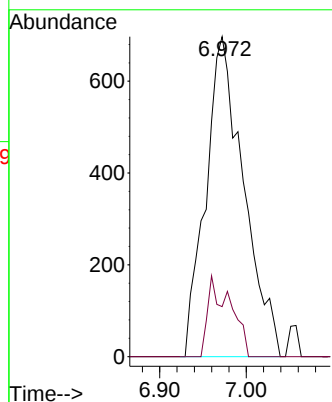


Tgt Ion: 43 Resp: 2119

Ion Ratio Lower Upper

43 100

72 15.6 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 56.868 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011374.D

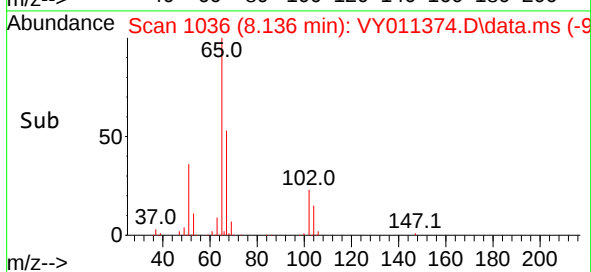
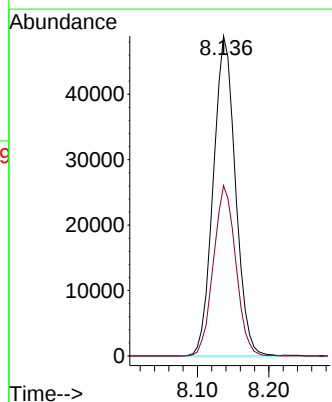
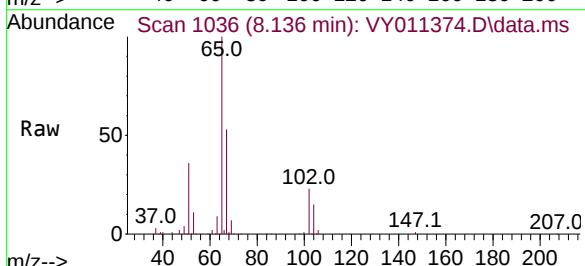
Acq: 08 Nov 2022 19:50

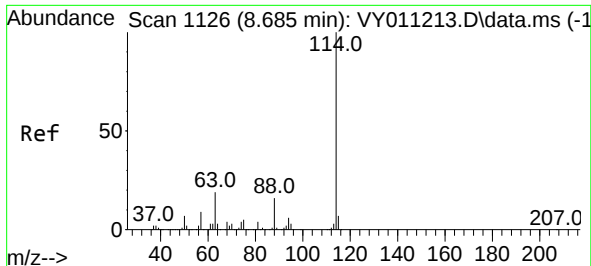
Tgt Ion: 65 Resp: 105329

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

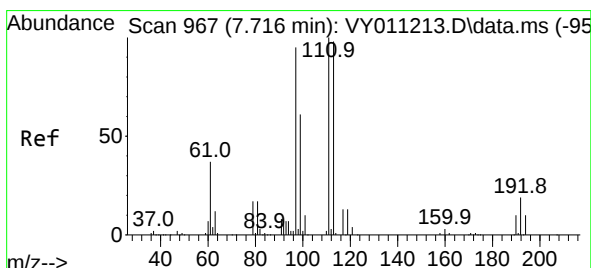
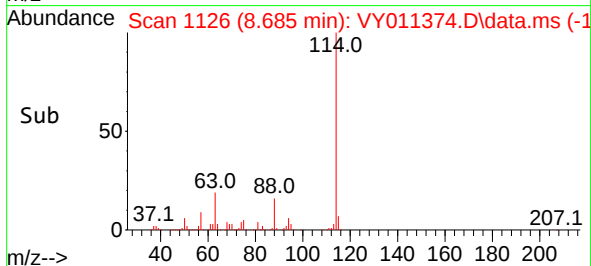
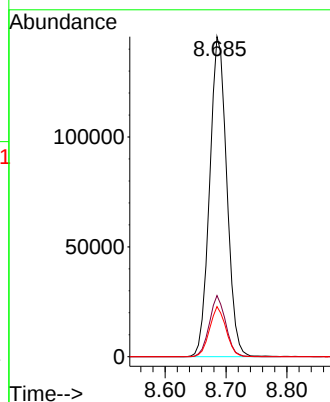
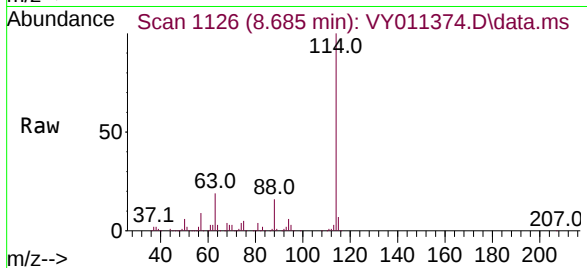
Tgt Ion:114 Resp: 284436

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.313 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

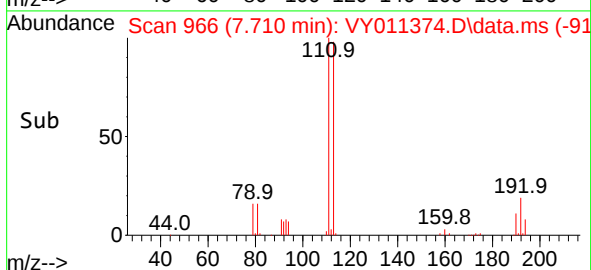
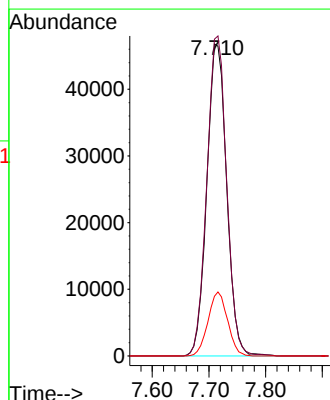
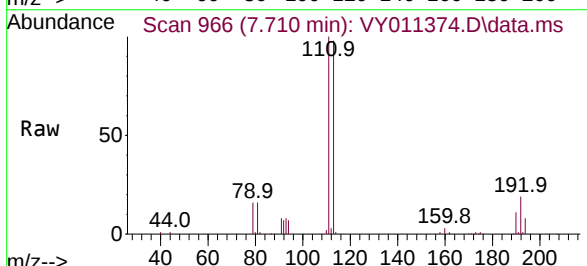
Tgt Ion:113 Resp: 113877

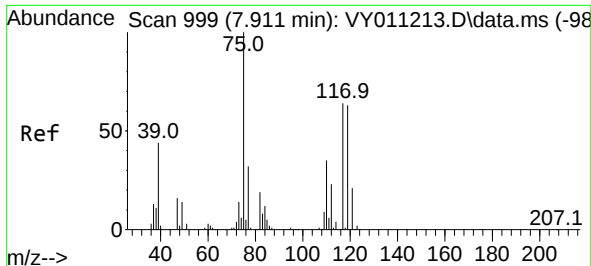
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.2 17.6 26.4

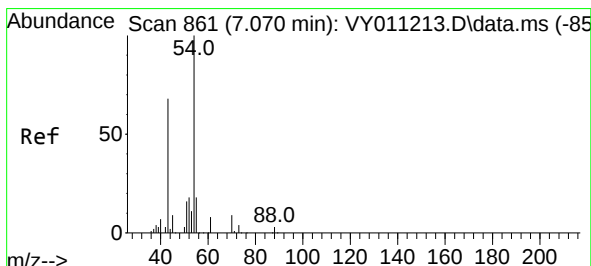
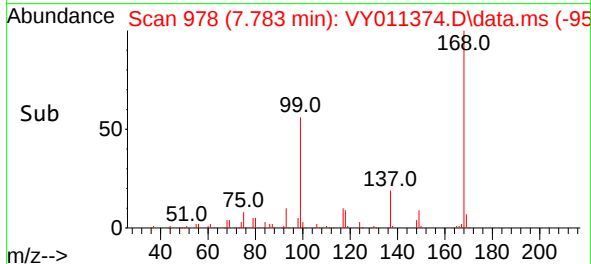
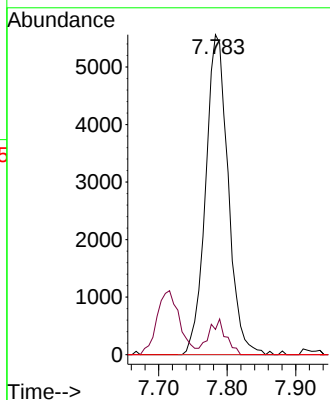
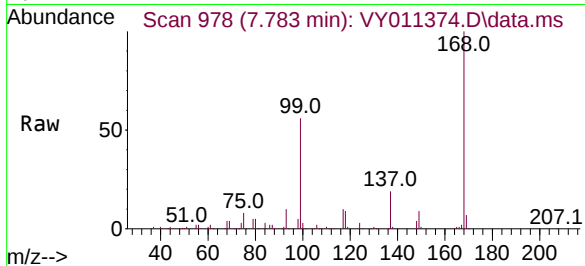




#36
1,1-Dichloropropene
Concen: 4.256 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

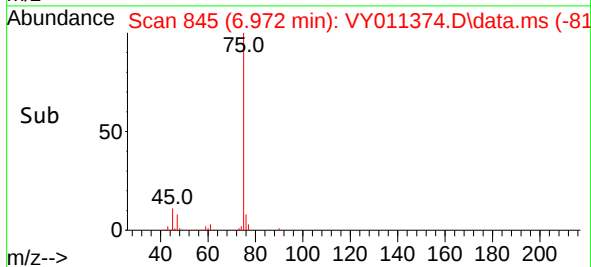
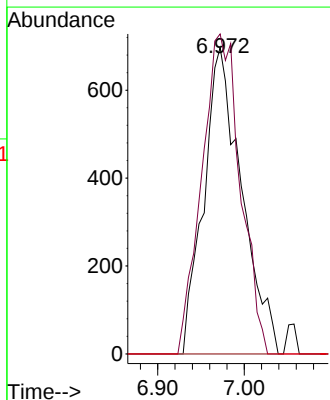
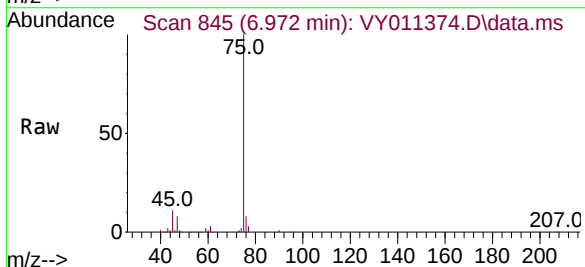
Instrument :
MSVOA_Y
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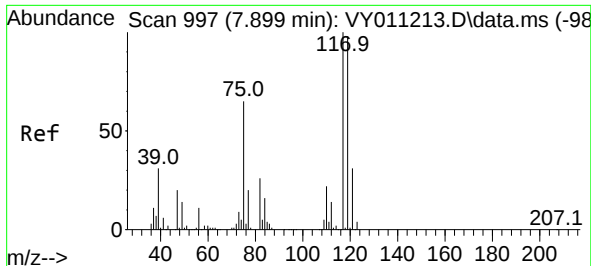
Tgt Ion: 75 Resp: 12701
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.317 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

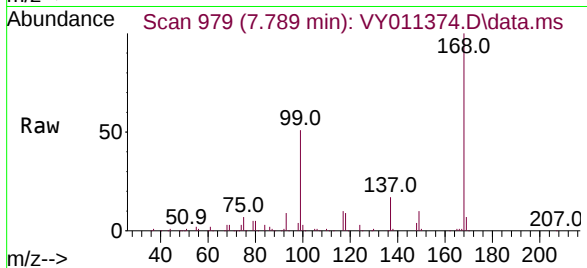
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
61 106.6 9.7 14.5#
70 0.0 7.1 10.7#



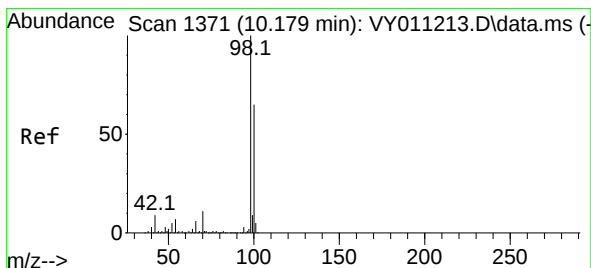
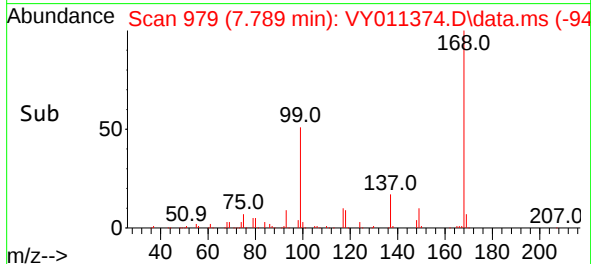
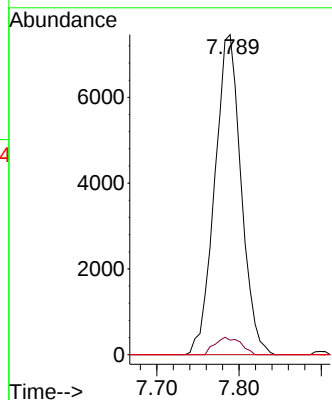


#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :

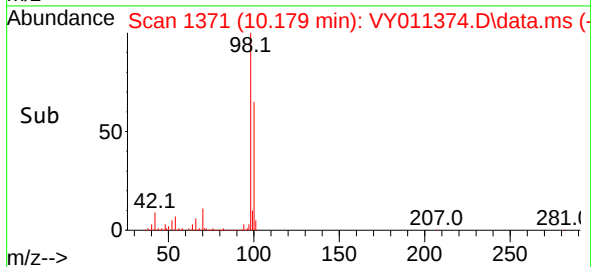
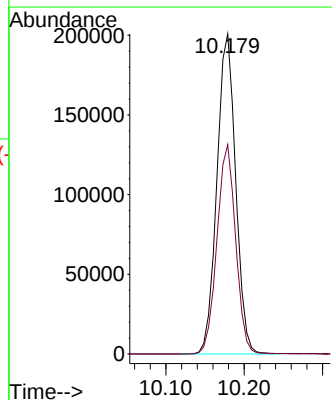
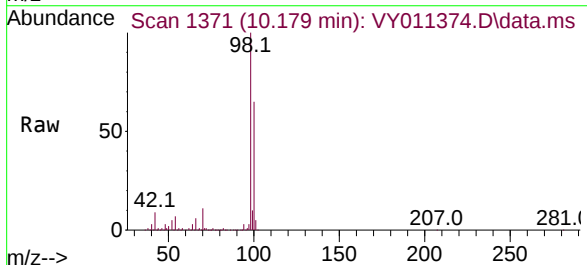


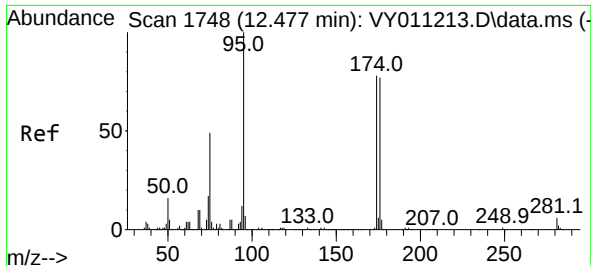
Tgt Ion:117 Resp: 16642
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 98 Resp: 334534
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 42.379 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

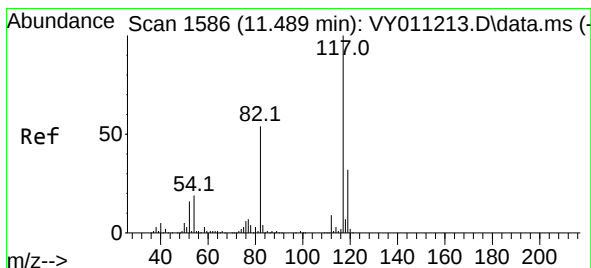
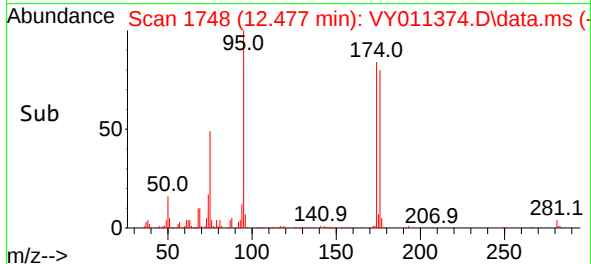
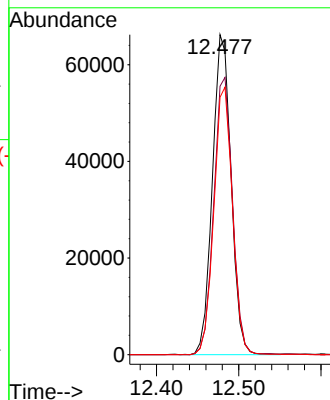
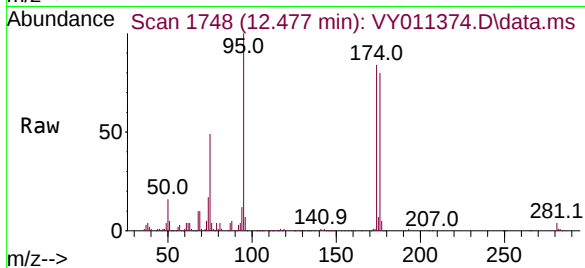
Tgt Ion: 95 Resp: 104389

Ion Ratio Lower Upper

95 100

174 87.3 0.0 177.0

176 83.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

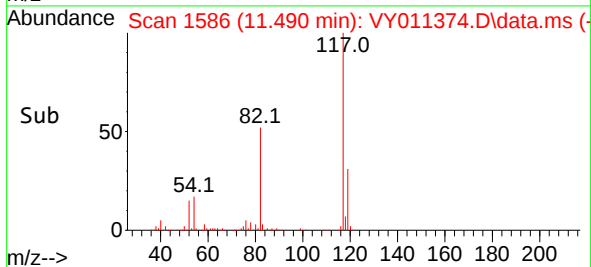
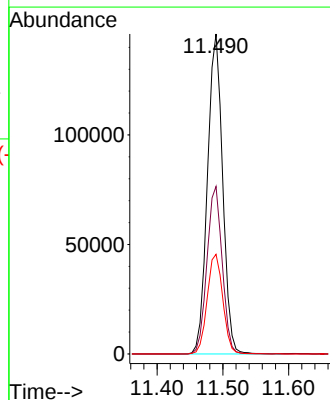
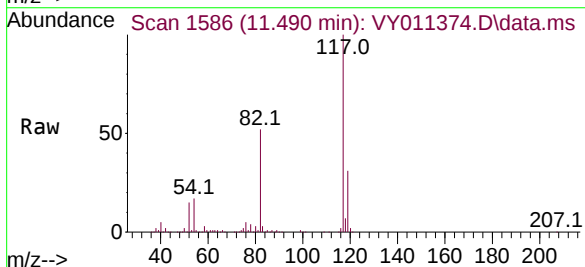
Tgt Ion: 117 Resp: 235083

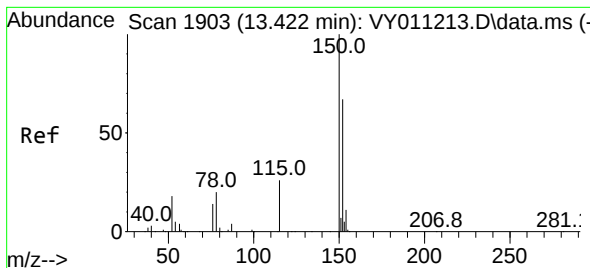
Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011374.D

Acq: 08 Nov 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

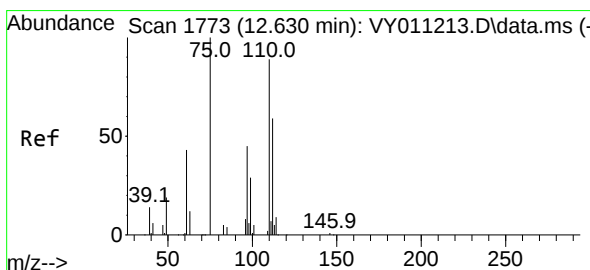
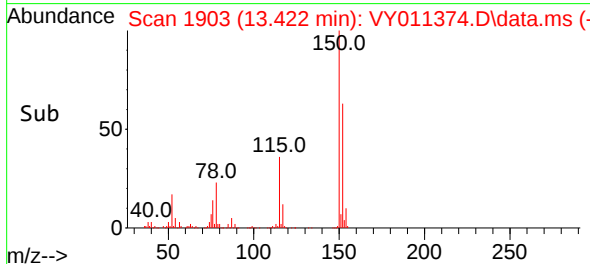
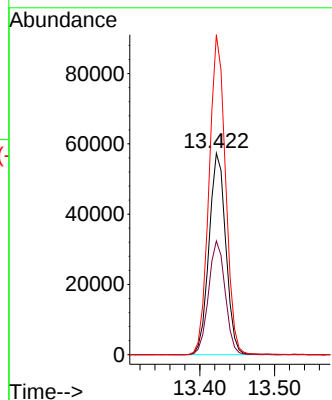
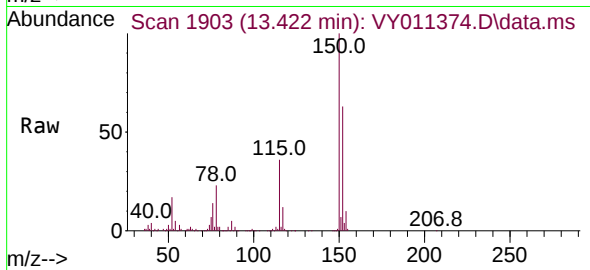
Tgt Ion:152 Resp: 89292

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.854 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY011374.D

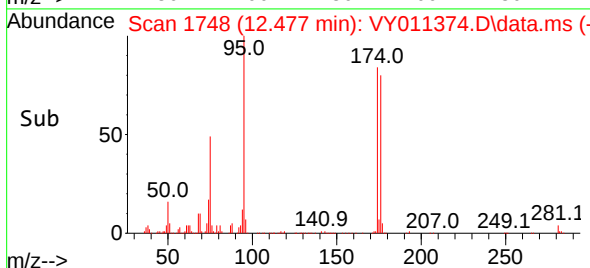
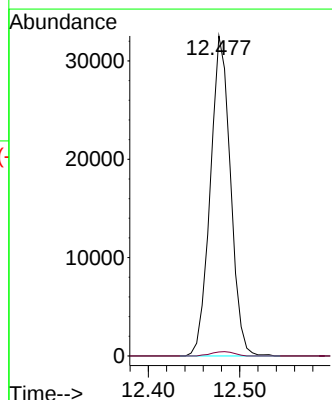
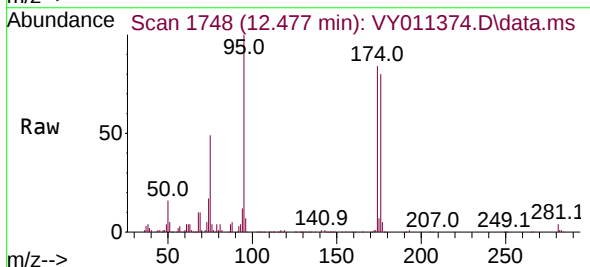
Acq: 08 Nov 2022 19:50

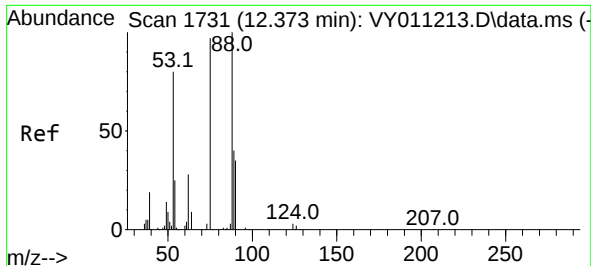
Tgt Ion: 75 Resp: 49846

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

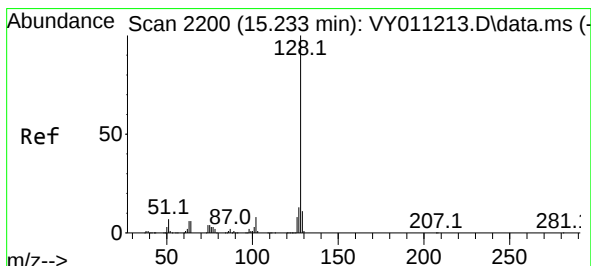
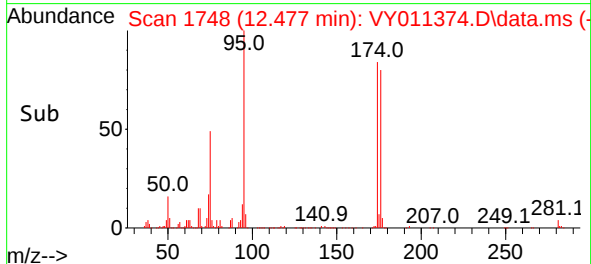
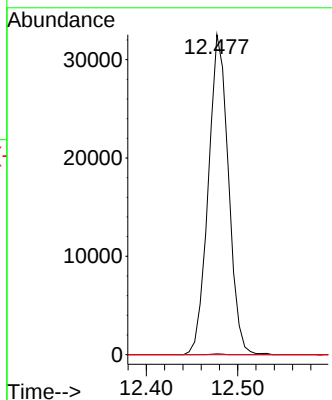
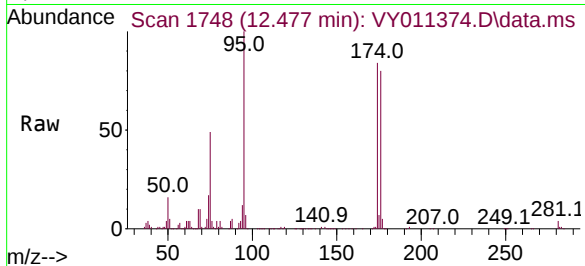




#81
trans-1,4-Dichloro-2-butene
Concen: 98.134 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49846
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.067 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011374.D
Acq: 08 Nov 2022 19:50

Tgt Ion: 128 Resp: 423
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

