

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011074.D
 Acq On : 24 Oct 2022 17:07
 Operator : KP/MD
 Sample : N5253-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Oct 25 05:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

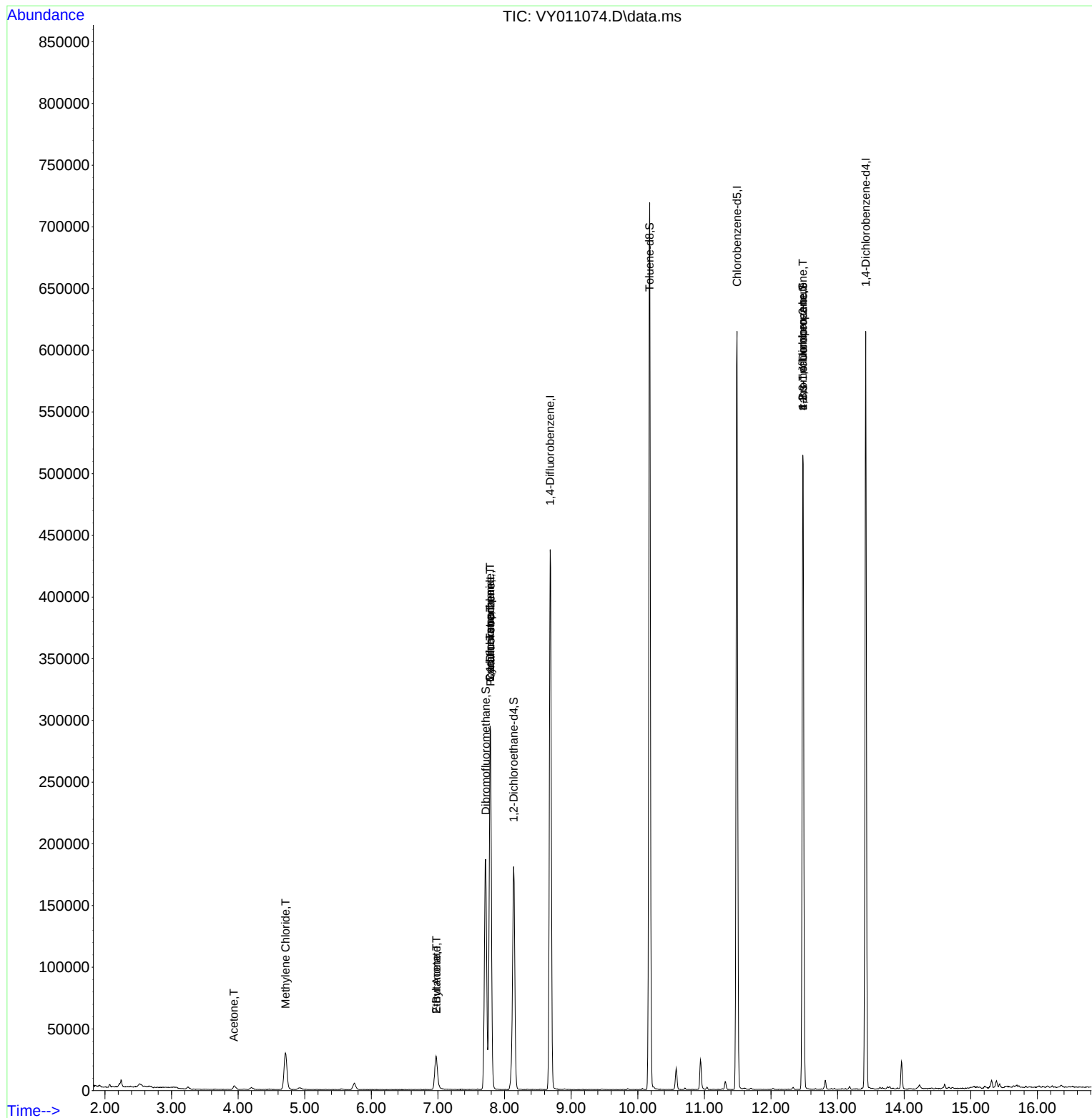
Internal Standards						
1) Pentafluorobenzene	7.789	168	235083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133239	61.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.716	113	138133	63.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.560%	
50) Toluene-d8	10.179	98	476852	58.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.460%	
62) 4-Bromofluorobenzene	12.477	95	156001	54.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.912	59	1248	Below Cal	#	77
16) Acetone	3.936	43	5664	9.007	ug/l	95
18) Methyl Acetate	4.460	43	624	Below Cal	#	76
20) Methylene Chloride	4.710	84	23742	2.685	ug/l	# 78
25) 2-Butanone	6.978	43	2502	2.624	ug/l	# 89
31) Cyclohexane	7.783	56	4651	1.122	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	17775	4.869	ug/l	# 50
37) Ethyl Acetate	6.978	43	2502	1.238	ug/l	# 38
38) Carbon Tetrachloride	7.783	117	22564	5.988	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	77519	44.344	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	77519	95.371	ug/l	# 7

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

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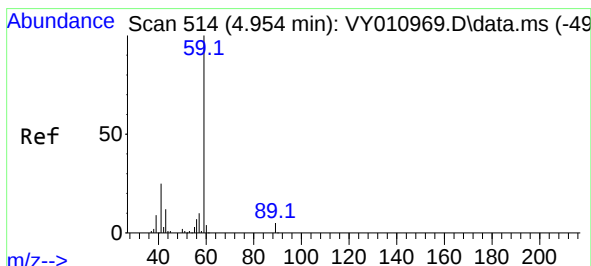
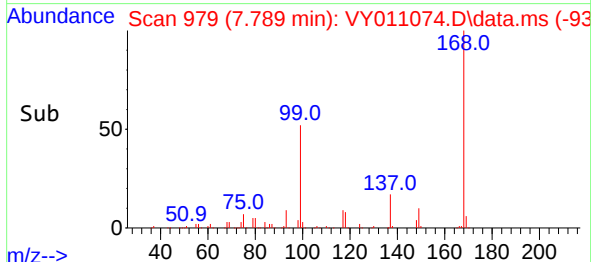
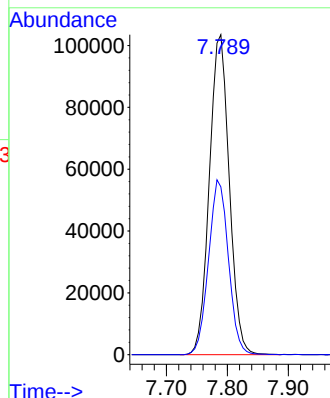
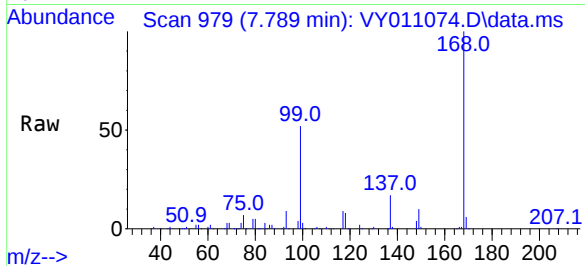




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

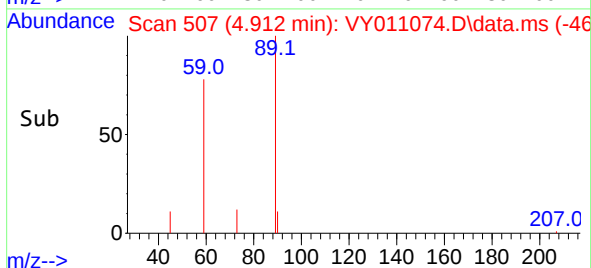
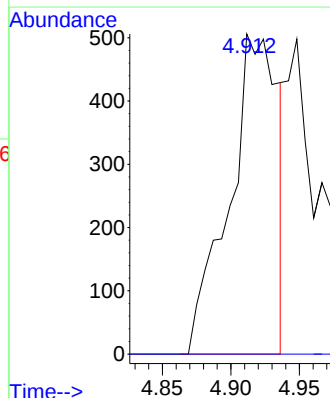
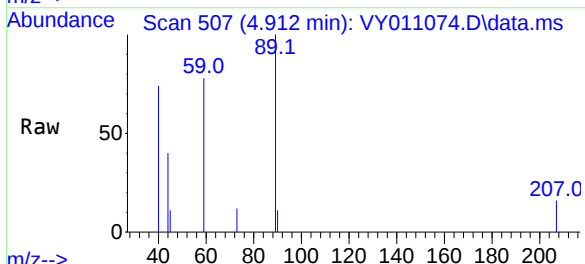
Instrument :
MSVOA_Y
ClientSampleId :
124042

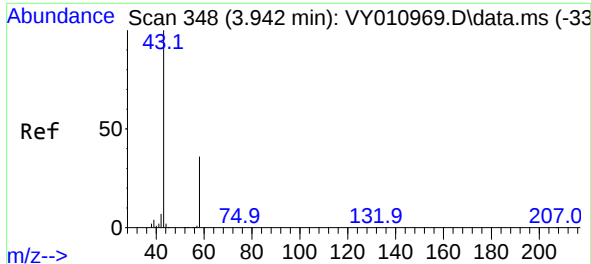
Tgt Ion:168 Resp: 235083
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.912 min Scan# 507
Delta R.T. -0.042 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 59 Resp: 1248
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 9.007 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

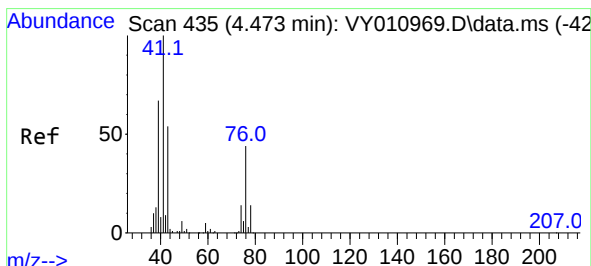
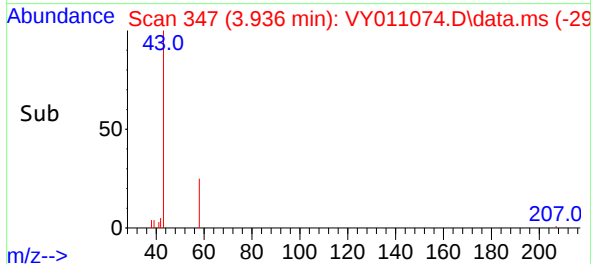
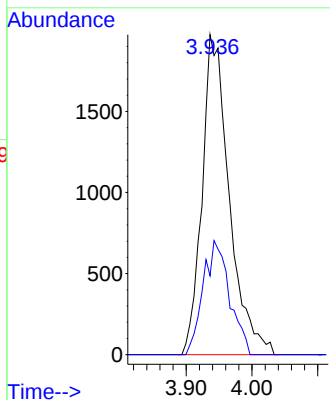
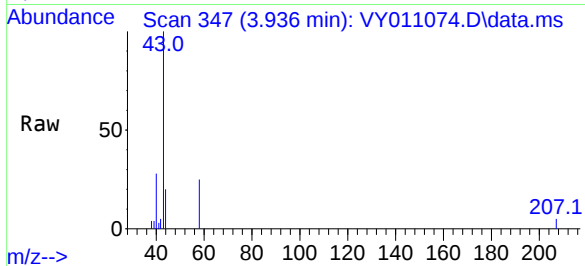
124042

Tgt Ion: 43 Resp: 5664

Ion Ratio Lower Upper

43 100

58 24.7 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 433

Delta R.T. -0.013 min

Lab File: VY011074.D

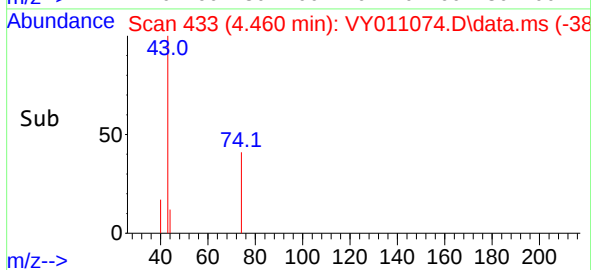
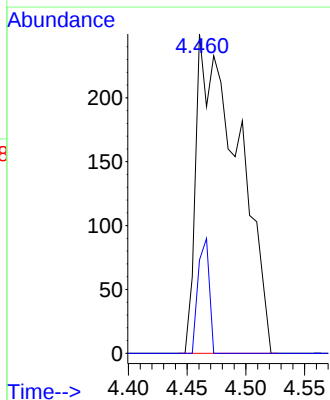
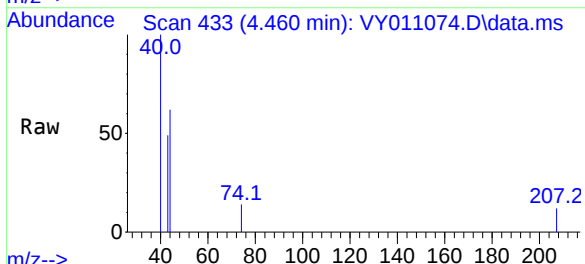
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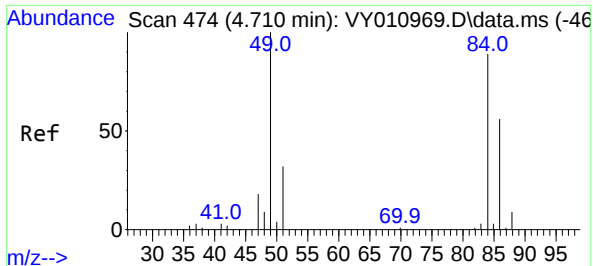
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

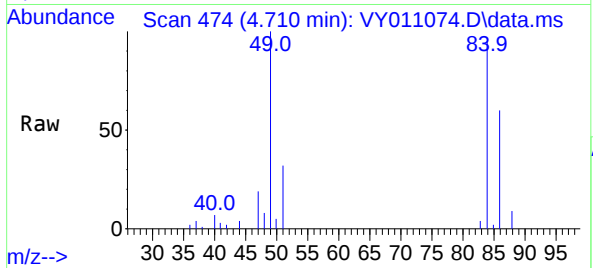
74 9.6 16.6 24.8#





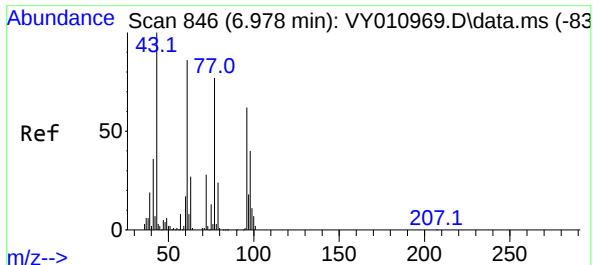
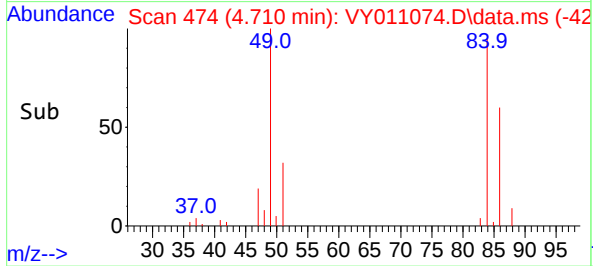
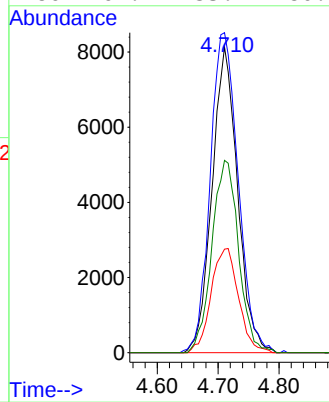
#20
Methylene Chloride
Concen: 2.685 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Instrument :
MSVOA_Y
ClientSampleId :
124042



Tgt Ion: 84 Resp: 23742

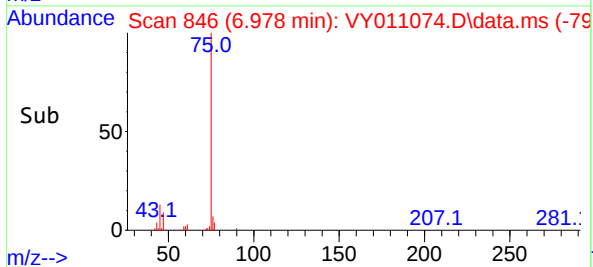
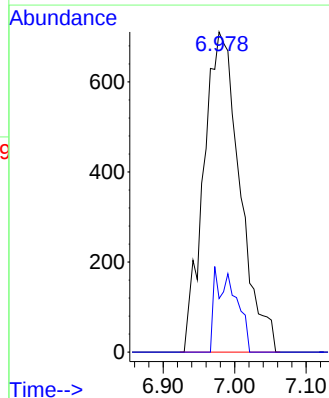
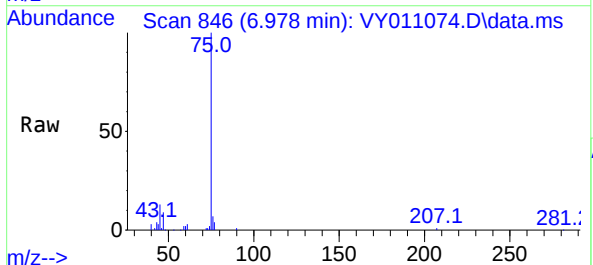
Ion	Ratio	Lower	Upper
84	100		
49	104.7	114.4	171.6#
51	33.9	35.3	52.9#
86	62.9	53.7	80.5

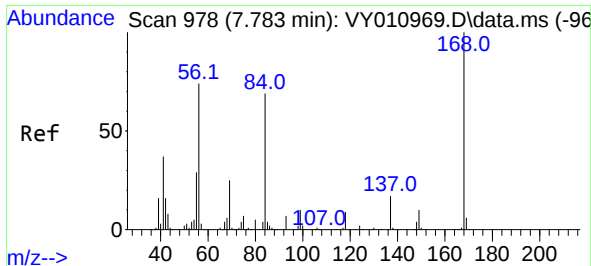


#25
2-Butanone
Concen: 2.624 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 43 Resp: 2502

Ion	Ratio	Lower	Upper
43	100		
72	16.7	17.7	26.5#

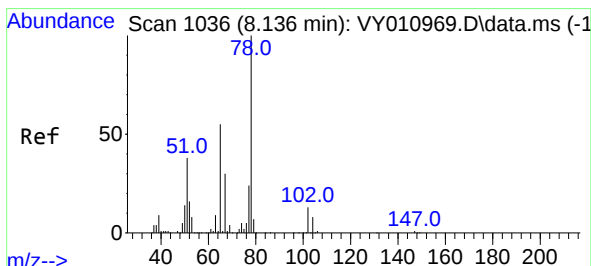
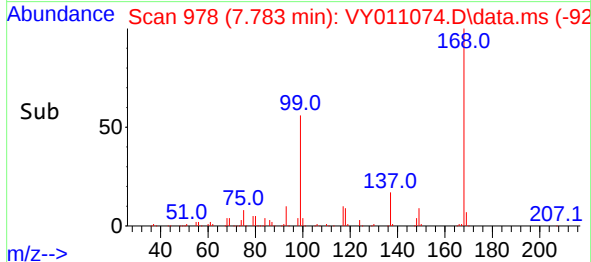
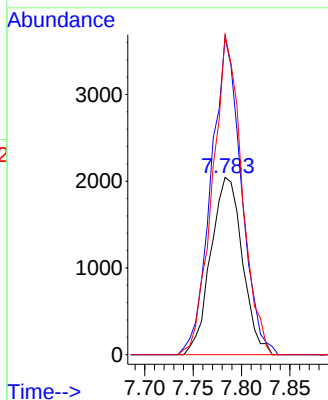
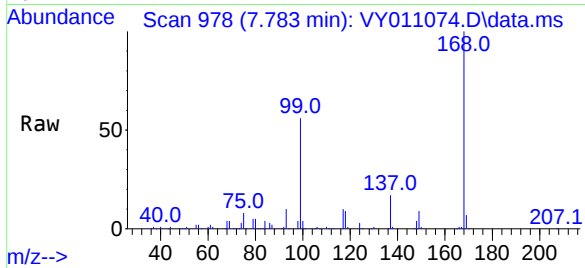




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

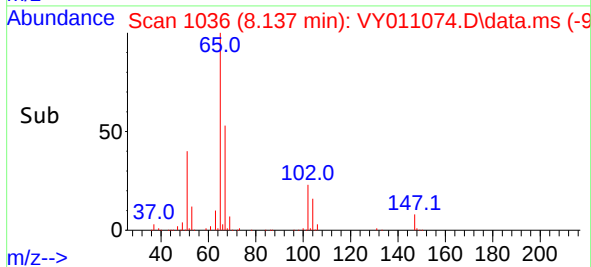
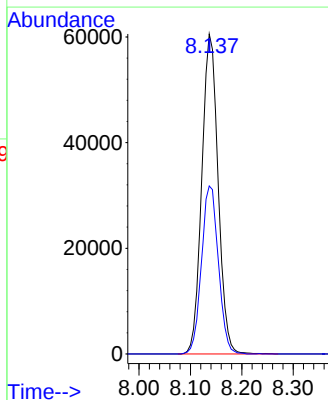
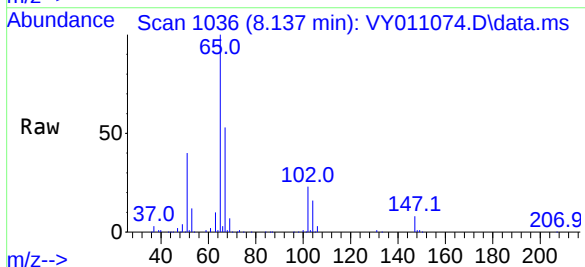
Instrument :
MSVOA_Y
ClientSampleId :
124042

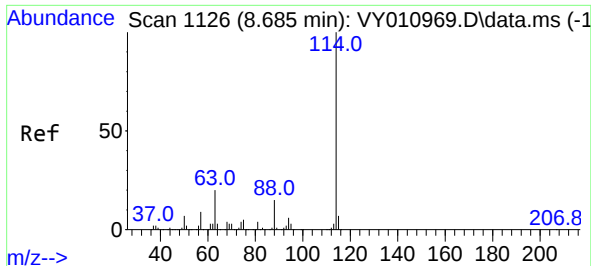
Tgt Ion: 56 Resp: 4651
Ion Ratio Lower Upper
56 100
69 178.9 26.7 40.1#
84 180.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.529 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 65 Resp: 133239
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011074.D

Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

124042

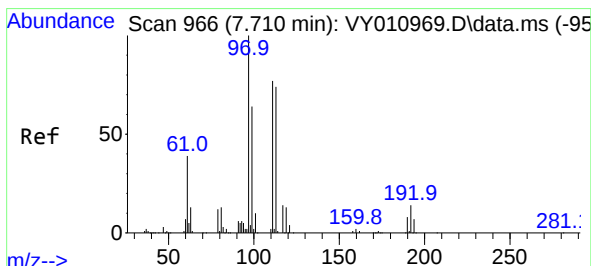
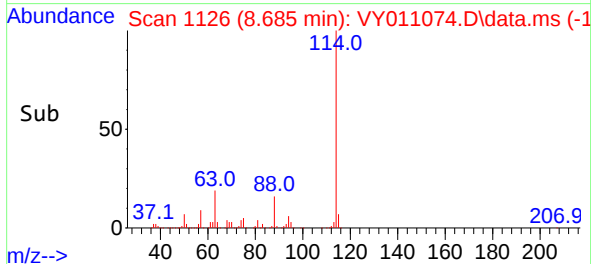
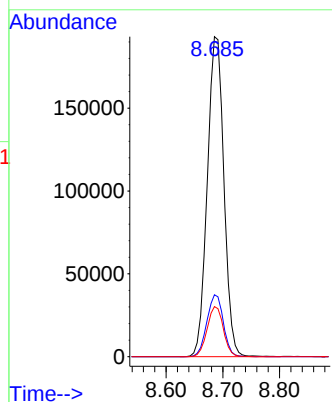
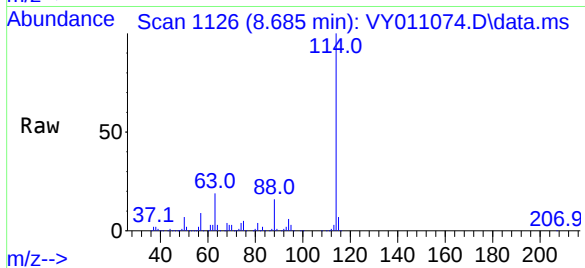
Tgt Ion:114 Resp: 392166

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.783 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

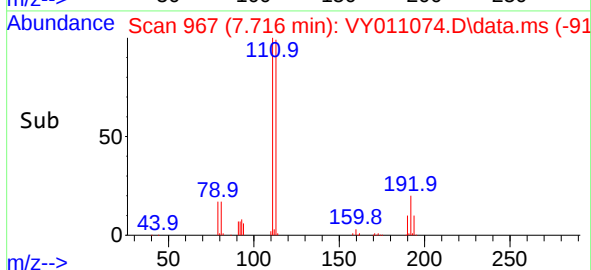
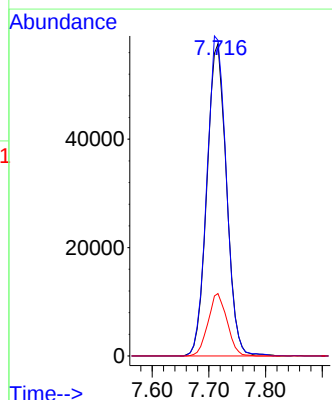
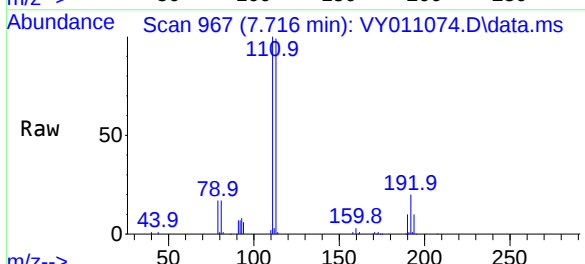
Tgt Ion:113 Resp: 138133

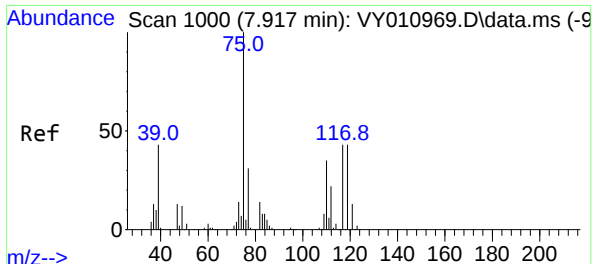
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.4 17.6 26.4

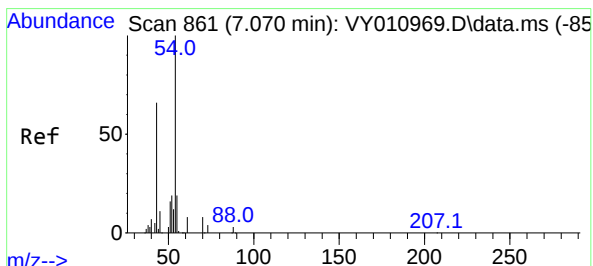
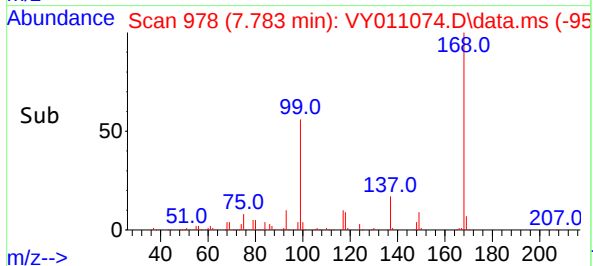
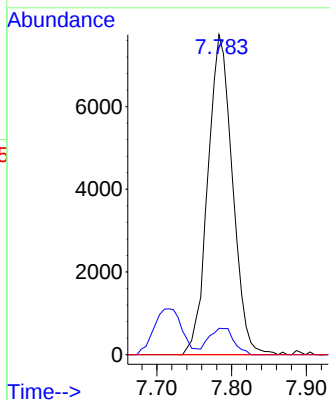
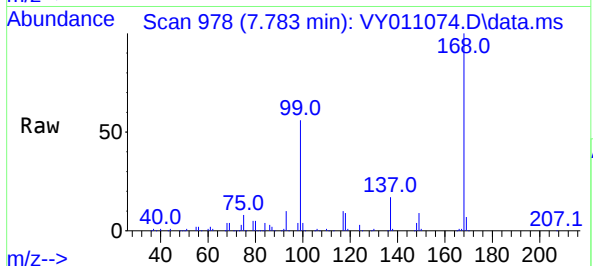




#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

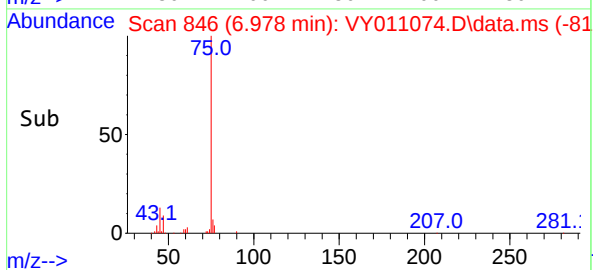
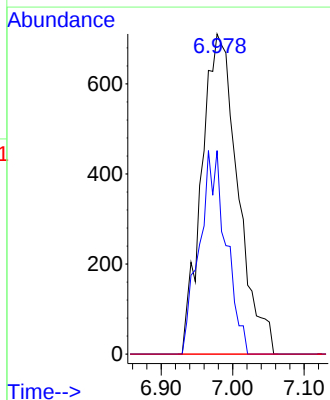
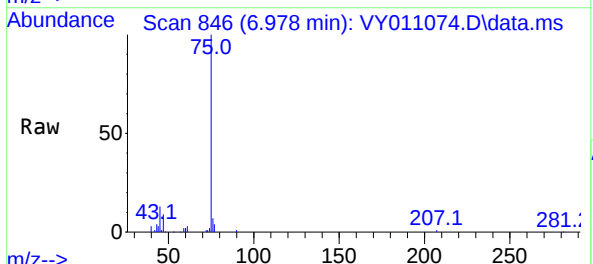
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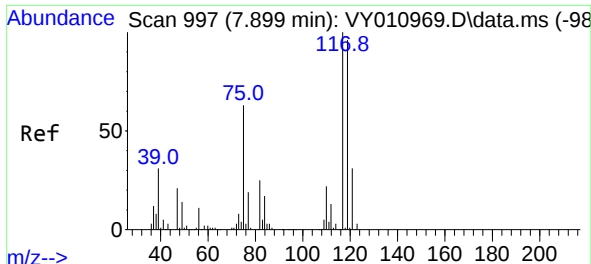
Tgt Ion: 75 Resp: 17775
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.238 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
61 46.9 9.7 14.5#
70 0.0 7.1 10.7#

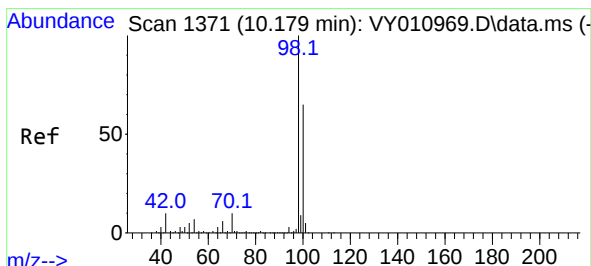
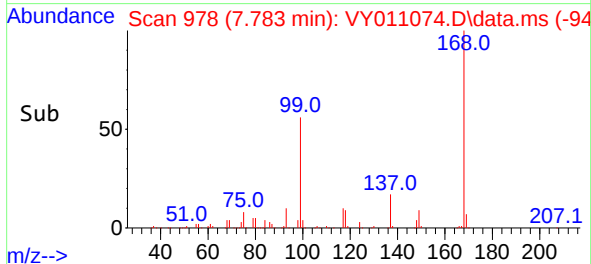
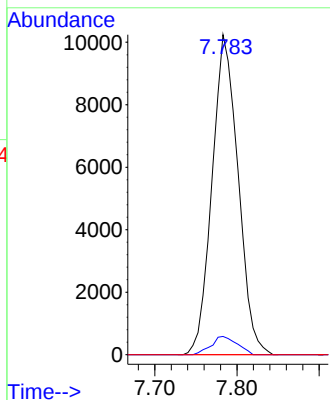
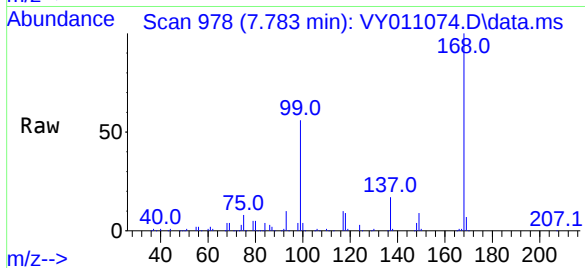




#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

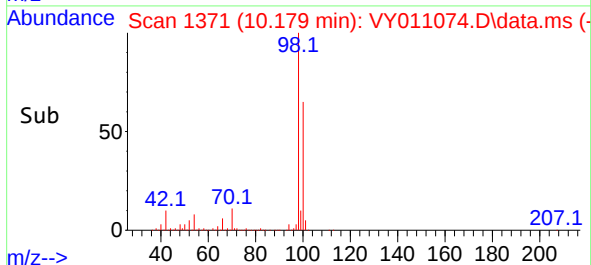
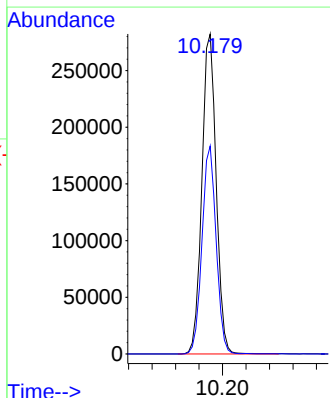
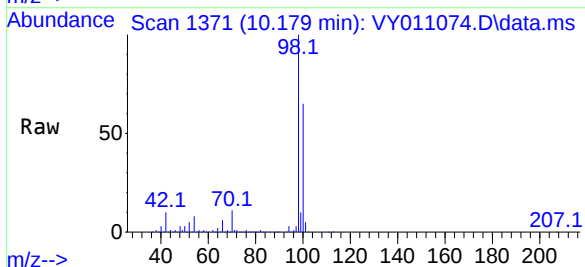
Instrument :
MSVOA_Y
ClientSampleId :
124042

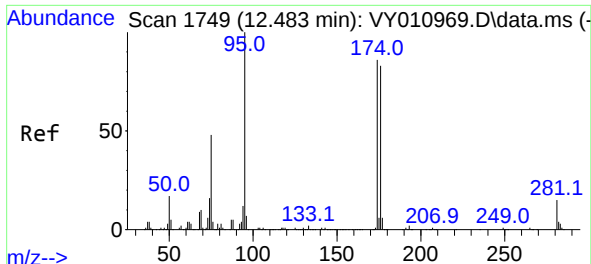
Tgt Ion:117 Resp: 22564
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.235 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 98 Resp: 476852
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

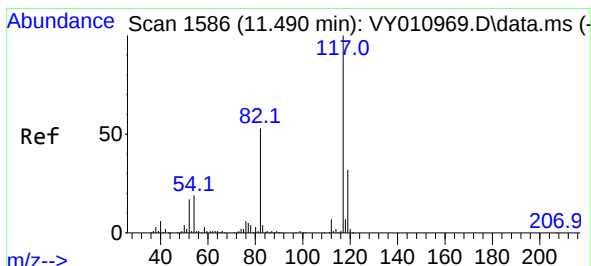
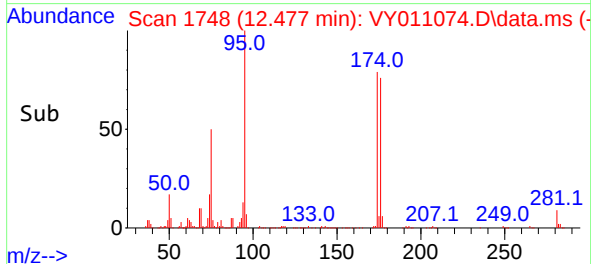
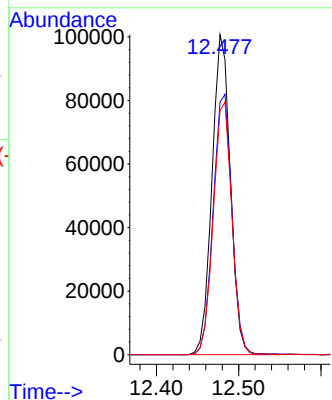
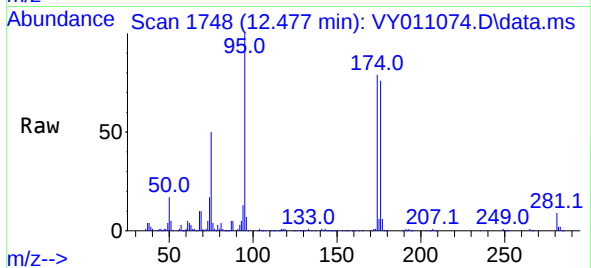




#62
4-Bromofluorobenzene
Concen: 54.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

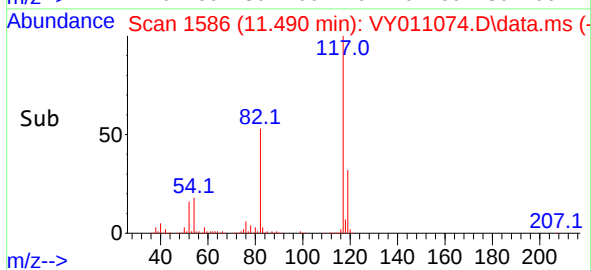
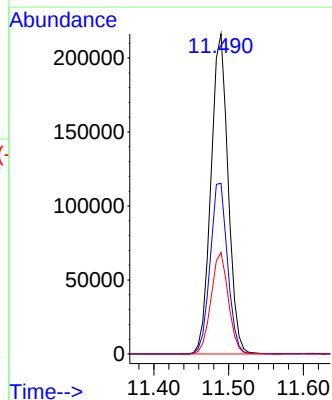
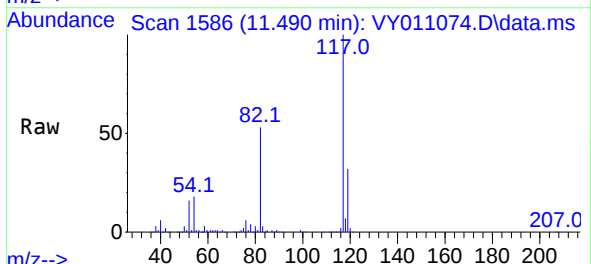
Instrument :
MSVOA_Y
ClientSampleId :
124042

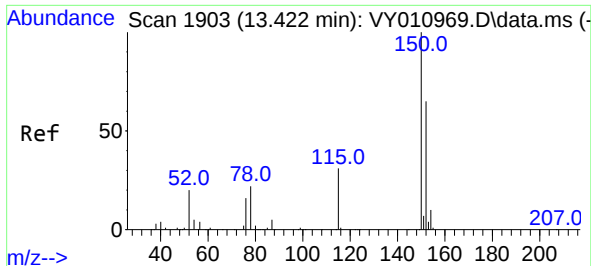
Tgt Ion: 95 Resp: 156001
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 117 Resp: 346149
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.7 25.4 38.0

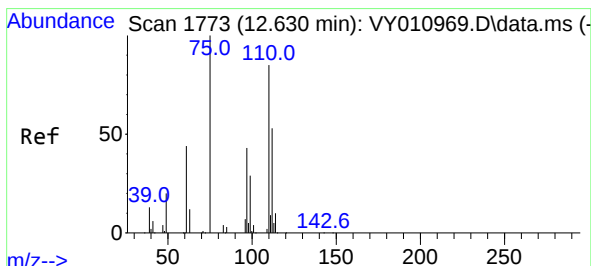
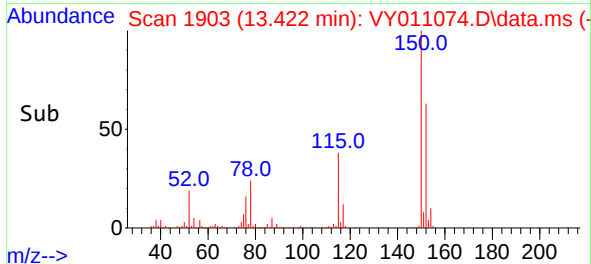
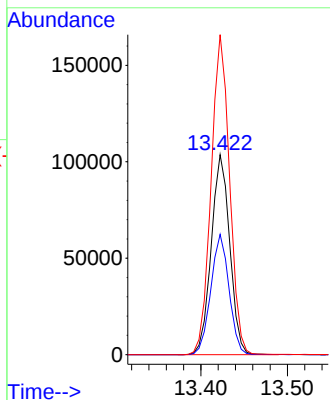
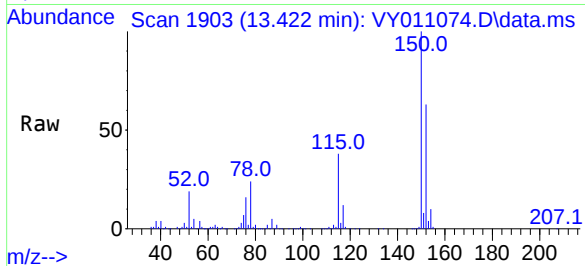




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011074.D
 Acq: 24 Oct 2022 17:07

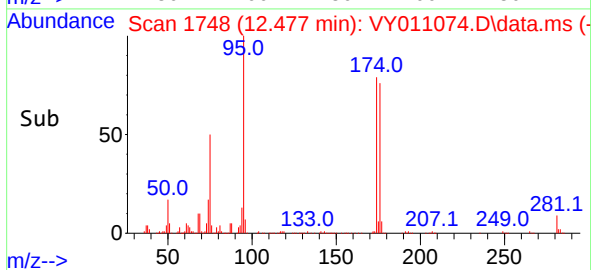
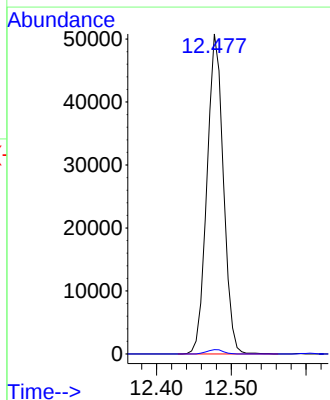
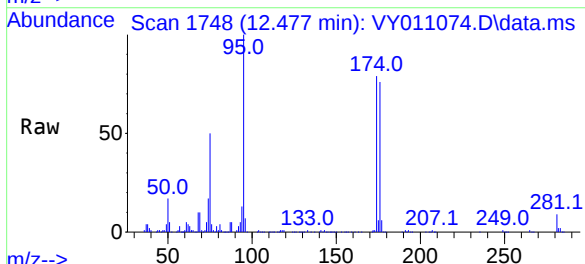
Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

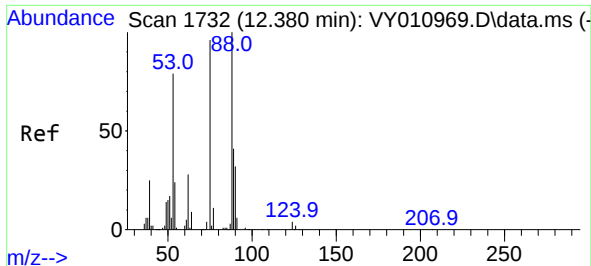
Tgt Ion:152 Resp: 153978
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.2 84.7
 150 159.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.344 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011074.D
 Acq: 24 Oct 2022 17:07

Tgt Ion: 75 Resp: 77519
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.371 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011074.D
 Acq: 24 Oct 2022 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Tgt Ion: 75 Resp: 77519
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.3 37.0 55.4#

