

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010901.D
 Acq On : 10 Oct 2022 19:20
 Operator : KP/MD
 Sample : N5067-18
 Misc : 7.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	306117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92414	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	175816	56.662	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.320%	
35) Dibromofluoromethane	7.716	113	177665	49.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.179	98	666799	54.584	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.483	95	171364	34.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.580%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.954	59	503	Below Cal	#	77
13) Acrolein	3.698	56	3381	1.341	ug/l #	1
14) Allyl chloride	4.588	41	43569	10.057	ug/l #	60
15) Acrylonitrile	5.161	53	841	1.037	ug/l #	44
16) Acetone	3.942	43	39767	50.462	ug/l #	88
17) Carbon Disulfide	4.192	76	61350	6.559	ug/l	100
18) Methyl Acetate	4.552	43	14108	7.008	ug/l #	56
23) Vinyl Acetate	6.033	43	8341	1.449	ug/l #	75
25) 2-Butanone	6.990	43	17400	15.358	ug/l	93
28) Bromochloromethane	7.533	49	4698	6.698	ug/l #	16
29) Tetrahydrofuran	7.350	42	1210	1.816	ug/l #	44
30) Chloroform	7.521	83	18128	3.036	ug/l #	75
31) Cyclohexane	7.765	56	250139	45.038	ug/l #	55
36) 1,1-Dichloropropene	8.161	75	1653736	320.701	ug/l #	1
37) Ethyl Acetate	6.990	43	17400	6.876	ug/l #	72
38) Carbon Tetrachloride	7.783	117	30084	5.601	ug/l #	15
39) Methylcyclohexane	9.185	83	1405341	221.873	ug/l	90
41) Methacrylonitrile	7.350	41	8055	7.735	ug/l #	72
42) 1,2-Dichloroethane	8.167	62	813271	193.658	ug/l #	79
43) Isopropyl Acetate	8.271	43	60723	13.258	ug/l #	56
45) 1,2-Dichloropropane	9.179	63	16563	4.625	ug/l #	1
47) Bromodichloromethane	9.606	83	11578	2.342	ug/l #	41
48) Methyl methacrylate	9.246	41	60573	28.159	ug/l #	48
51) 4-Methyl-2-Pentanone	10.179	43	34339	13.704	ug/l #	66
53) t-1,3-Dichloropropene	10.252	75	469152	91.671	ug/l #	1
55) 1,1,2-Trichloroethane	10.618	97	190992	66.453	ug/l #	20
56) Ethyl methacrylate	10.520	69	105264	28.505	ug/l #	58
58) 2-Chloroethyl Vinyl ether	9.764	63	8319	29.725	ug/l #	48
59) 2-Hexanone	10.801	43	110088	63.436	ug/l #	33
65) Chlorobenzene	11.679	112	289204	41.824	ug/l #	51
67) Ethyl Benzene	11.691	91	2796970	224.760	ug/l #	38
68) m/p-Xylenes	11.703	106	15953744	3275.822	ug/l #	1
69) o-Xylene	12.032	106	23072022	5067.073	ug/l #	1
70) Styrene	12.050	104	1570526	204.658	ug/l #	1
73) Isopropylbenzene	12.331	105	13160268	1937.077	ug/l	91
74) N-amyl acetate	12.124	43	51683	33.100	ug/l #	39

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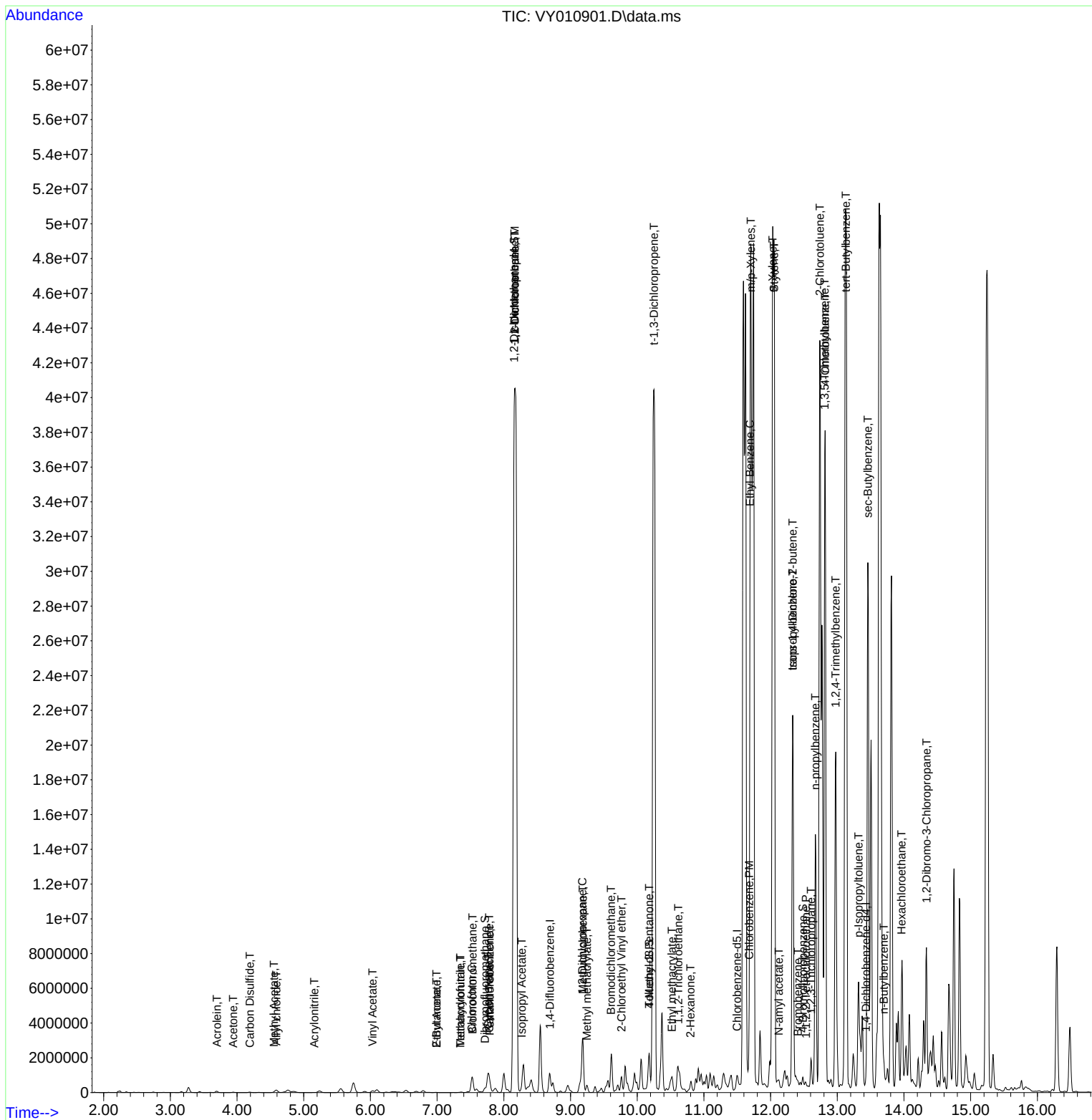
Quant Time: Oct 11 09:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

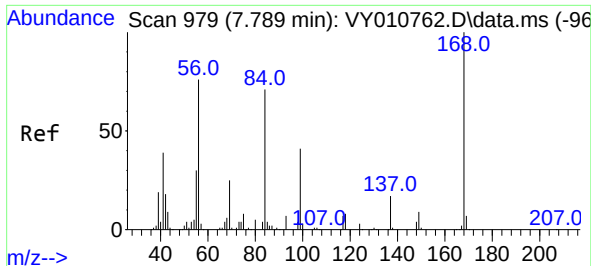
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	12.532	83	2005	1.580	ug/l #	1
76) 1,2,3-Trichloropropane	12.605	75	11137	11.900	ug/l #	100
77) Bromobenzene	12.410	156	74929	48.077	ug/l #	1
78) n-propylbenzene	12.672	91	11019084	1331.735	ug/l	92
79) 2-Chlorotoluene	12.739	91	5075887	1096.510	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.812	105	16504404	2872.228	ug/l	76
81) trans-1,4-Dichloro-2-b...	12.331	75	173188	386.566	ug/l #	69
82) 4-Chlorotoluene	12.819	91	2698317	557.445	ug/l #	41
83) tert-Butylbenzene	13.130	119	6233231	1272.389	ug/l #	66
84) 1,2,4-Trimethylbenzene	12.977	105	11575196	2048.903	ug/l	85
85) sec-Butylbenzene	13.459	105	15993070	2168.803	ug/l #	56
86) p-Isopropyltoluene	13.319	119	3306436	534.435	ug/l	98
89) n-Butylbenzene	13.696	91	680738	119.570	ug/l #	72
90) Hexachloroethane	13.965	117	885898	748.608	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.337	75	36863	180.605	ug/l #	6

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

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Response via : Initial Calibration

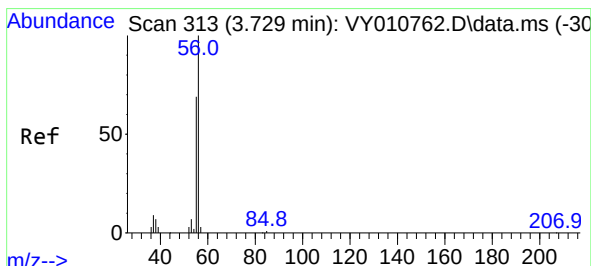
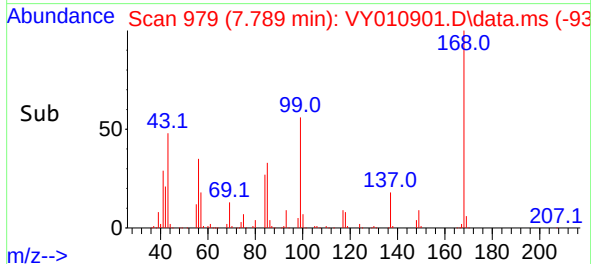
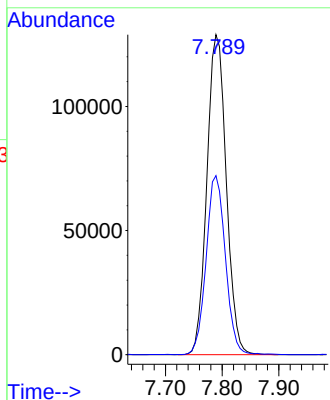
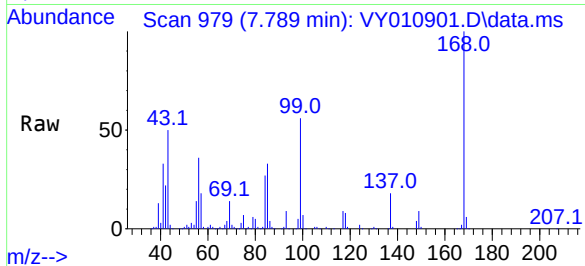




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010901.D
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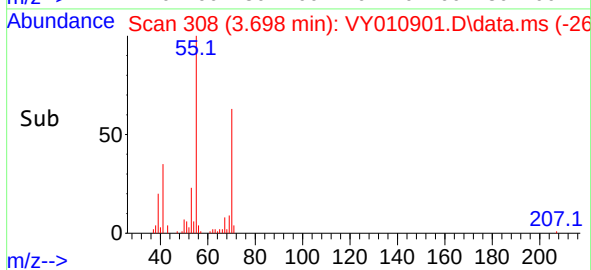
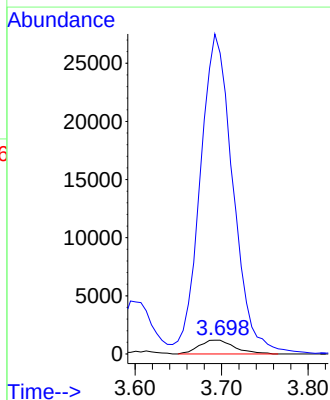
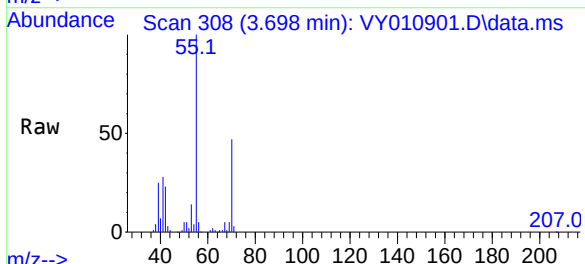
Instrument :
MSVOA_Y
ClientSampleId :

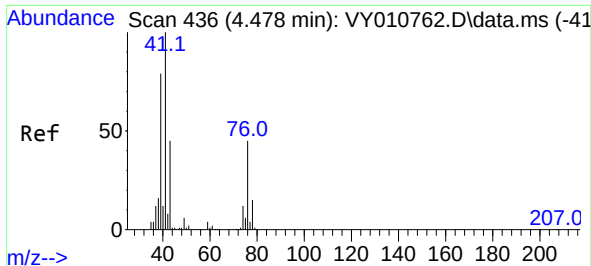
Tgt Ion:168 Resp: 306117
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#13
Acrolein
Concen: 1.341 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.031 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

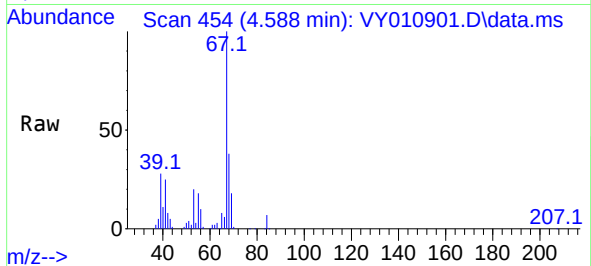
Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
55 2133.4 57.6 86.4#



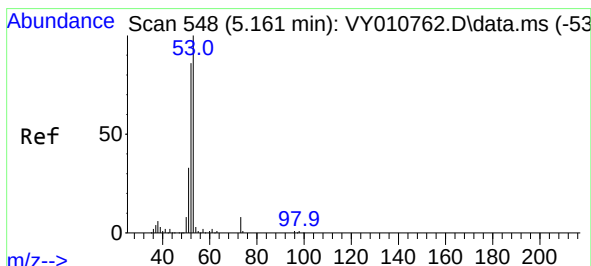
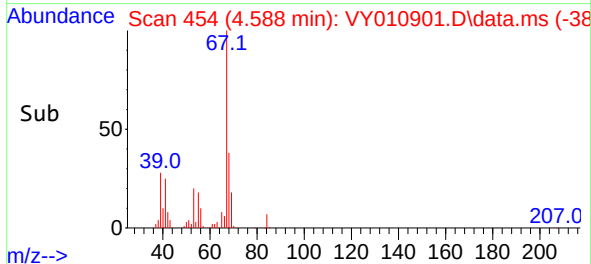
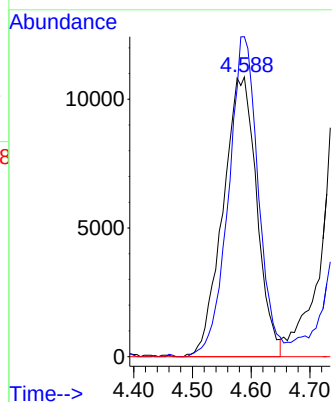


#14
 Allyl chloride
 Concen: 10.057 ug/l
 RT: 4.588 min Scan# 41
 Delta R.T. 0.110 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :

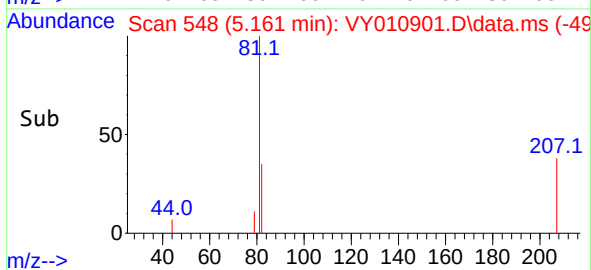
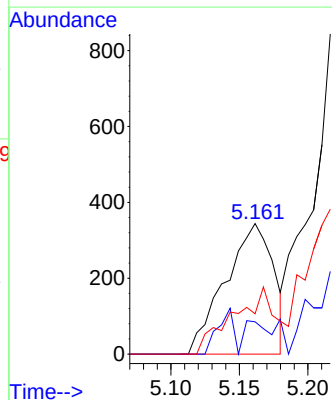
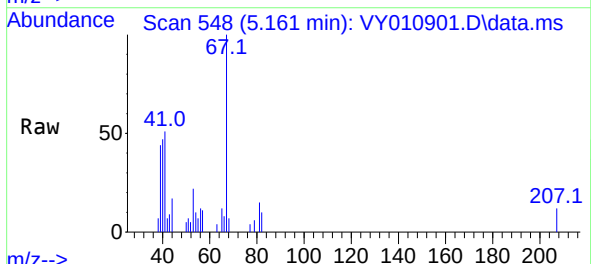


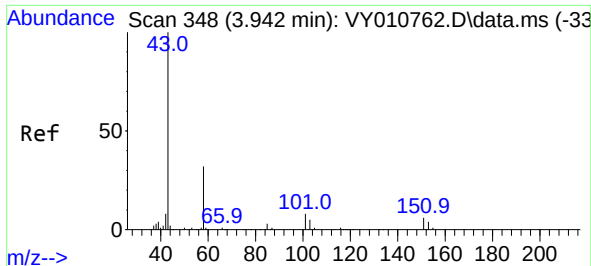
Tgt Ion: 41 Resp: 43569
 Ion Ratio Lower Upper
 41 100
 39 101.4 58.8 88.2#
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 1.037 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: VY010901.D
 Acq: 10 Oct 2022 19:20

Tgt Ion: 53 Resp: 841
 Ion Ratio Lower Upper
 53 100
 52 16.6 67.0 100.4#
 51 46.6 29.8 44.6#





#16

Acetone

Concen: 50.462 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

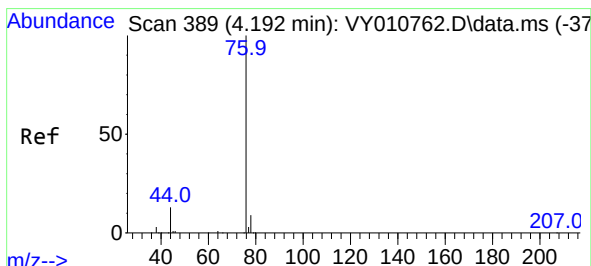
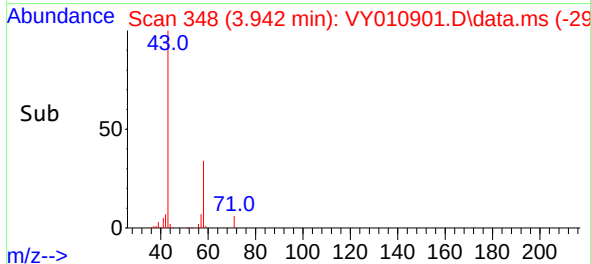
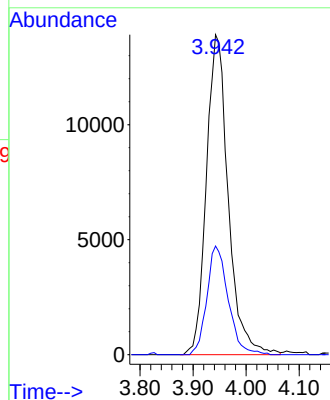
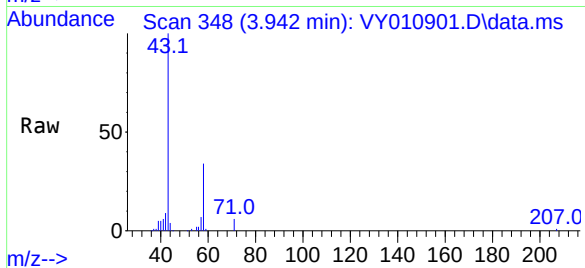
ClientSampleId :

Tgt Ion: 43 Resp: 39767

Ion Ratio Lower Upper

43 100

58 33.9 22.0 33.0#



#17

Carbon Disulfide

Concen: 6.559 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY010901.D

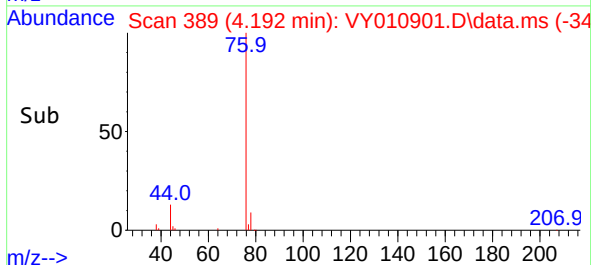
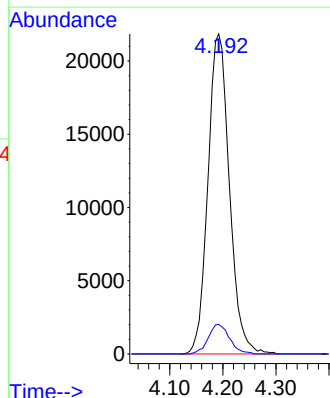
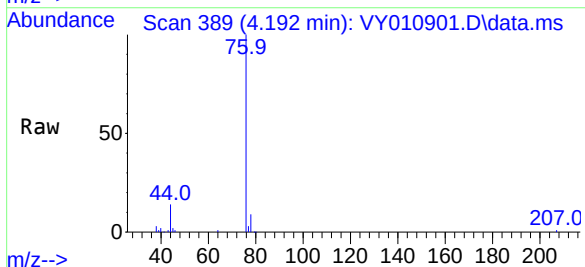
Acq: 10 Oct 2022 19:20

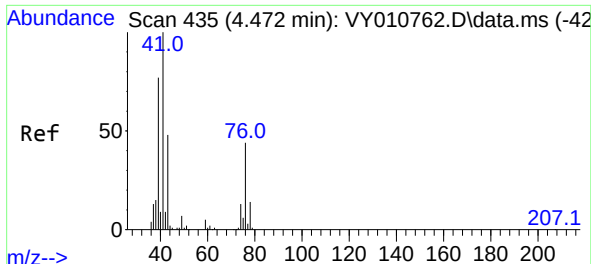
Tgt Ion: 76 Resp: 61350

Ion Ratio Lower Upper

76 100

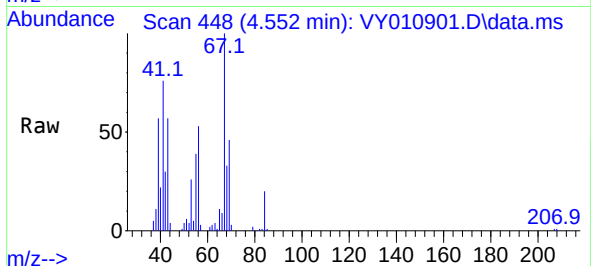
78 9.3 7.4 11.0



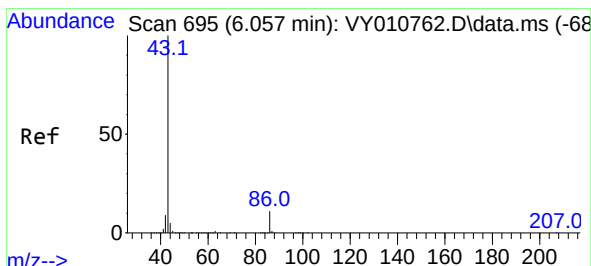
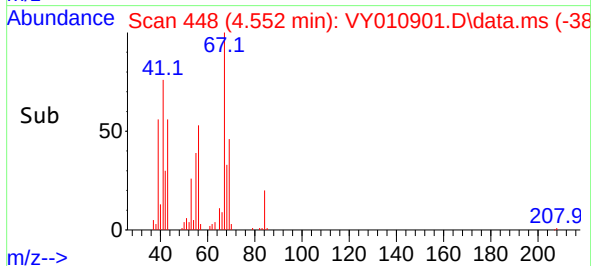
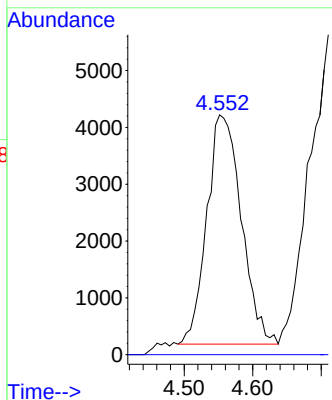


#18
Methyl Acetate
Concen: 7.008 ug/l
RT: 4.552 min Scan# 448
Delta R.T. 0.080 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

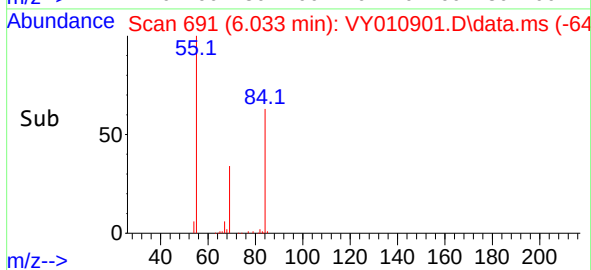
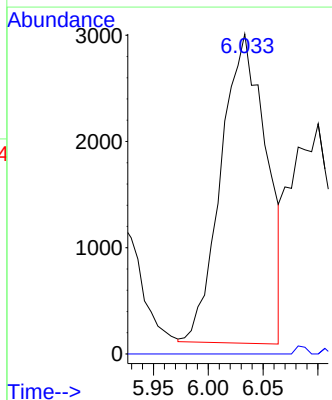
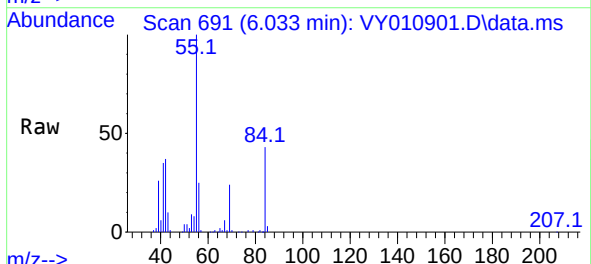


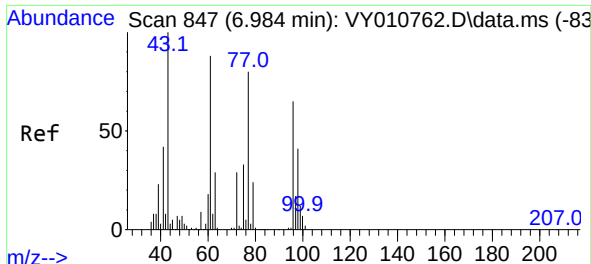
Tgt Ion: 43 Resp: 14108
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#23
Vinyl Acetate
Concen: 1.449 ug/l
RT: 6.033 min Scan# 691
Delta R.T. -0.024 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 43 Resp: 8341
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 15.358 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

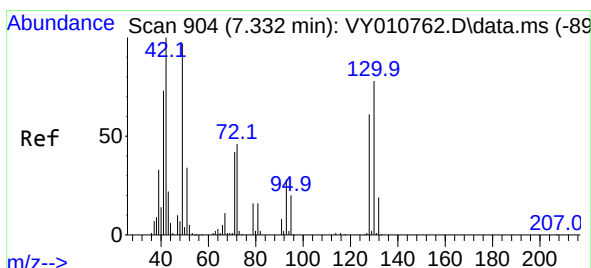
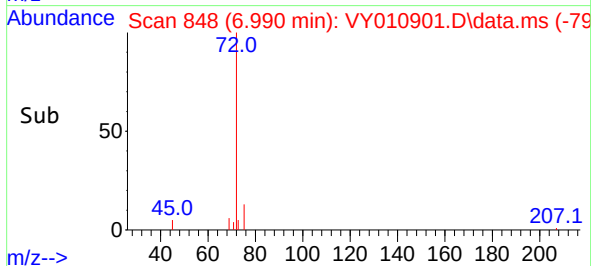
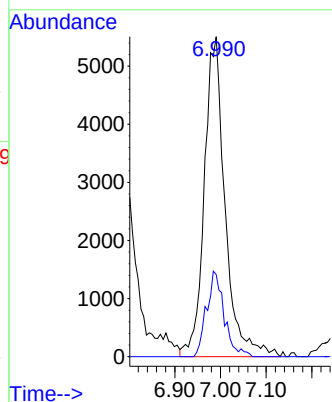
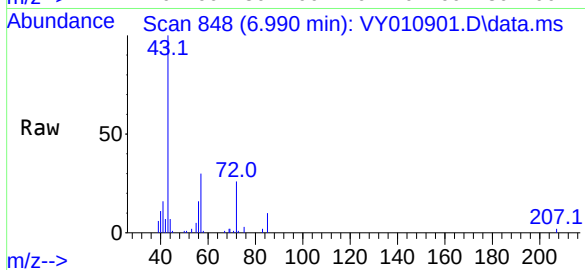
ClientSampleId :

Tgt Ion: 43 Resp: 17400

Ion Ratio Lower Upper

43 100

72 25.7 17.7 26.5



#28

Bromochloromethane

Concen: 6.698 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.201 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

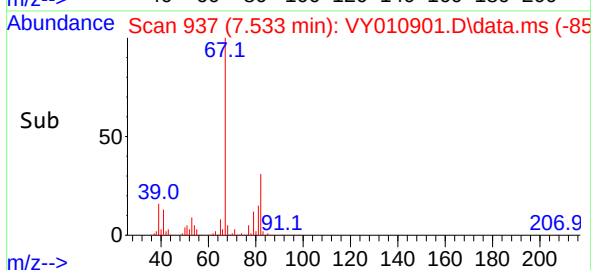
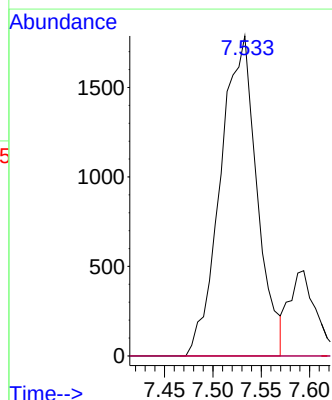
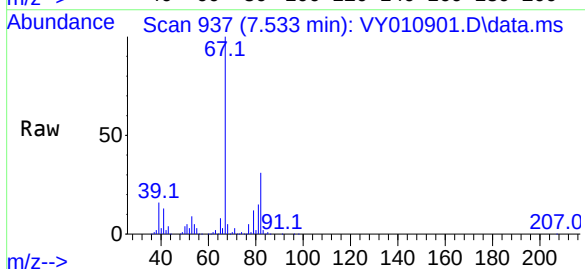
Tgt Ion: 49 Resp: 4698

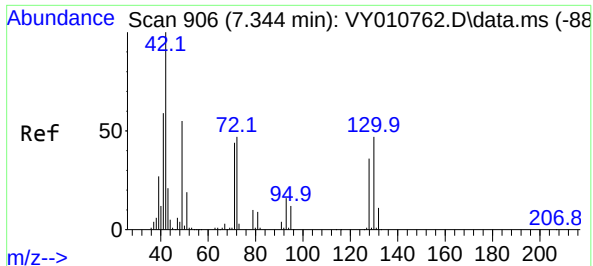
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

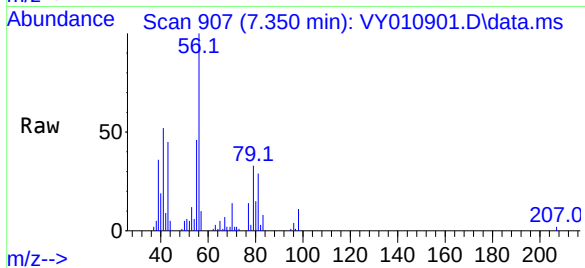
130 0.0 55.4 83.0#



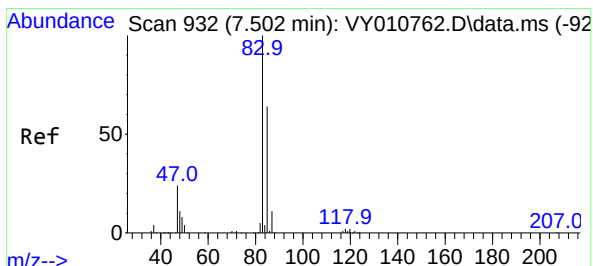
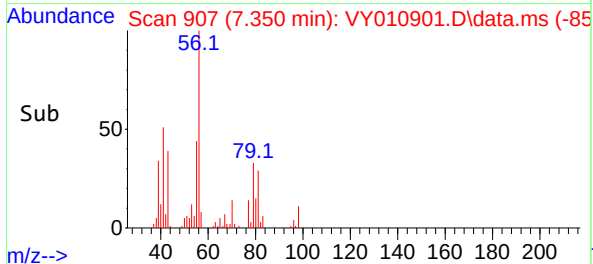
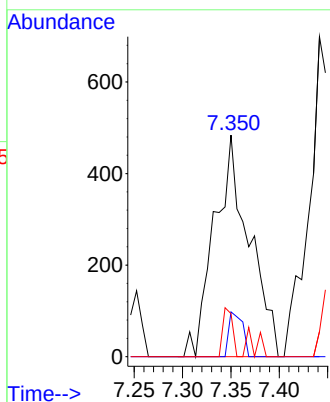


#29
Tetrahydrofuran
Concen: 1.816 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

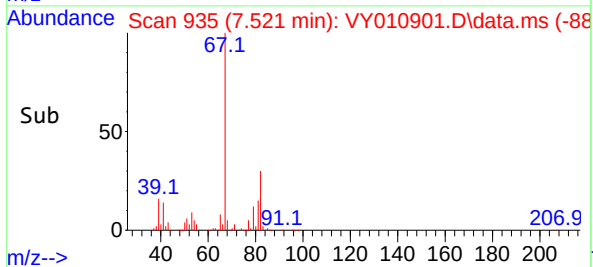
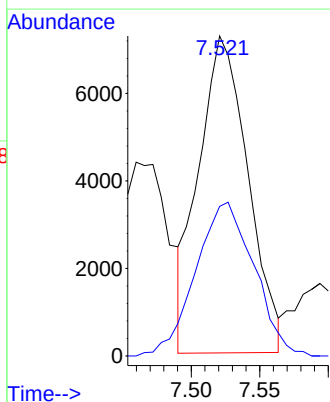
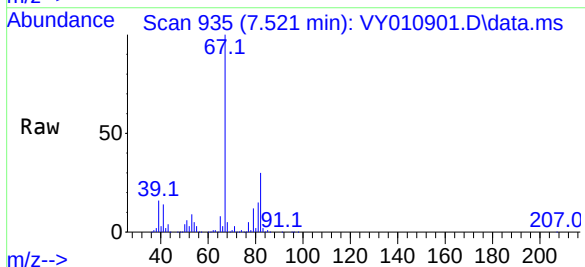


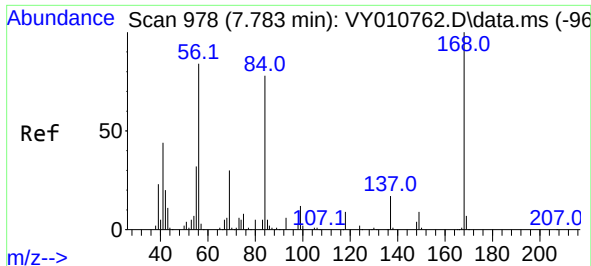
Tgt Ion: 42 Resp: 1210
Ion Ratio Lower Upper
42 100
72 7.9 30.3 45.5#
71 0.0 29.0 43.4#



#30
Chloroform
Concen: 3.036 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.019 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

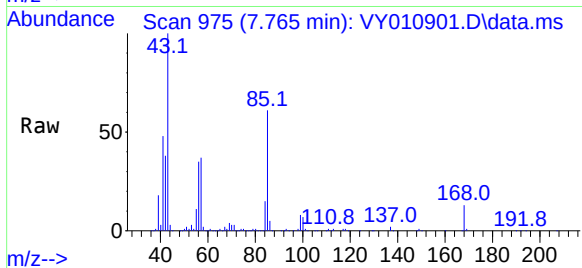
Tgt Ion: 83 Resp: 18128
Ion Ratio Lower Upper
83 100
85 44.8 51.8 77.6#



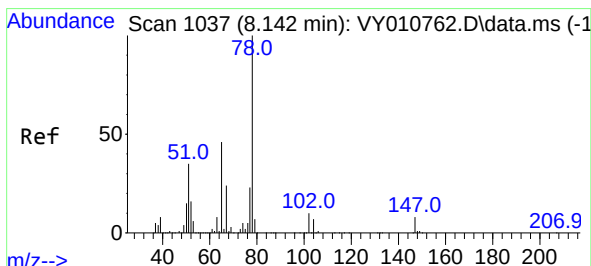
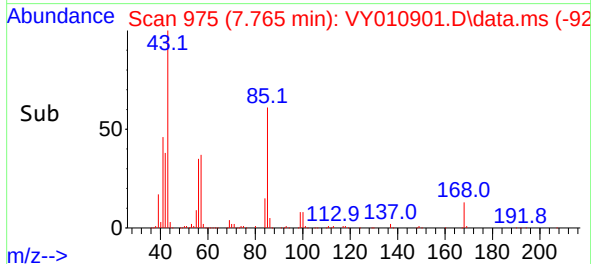
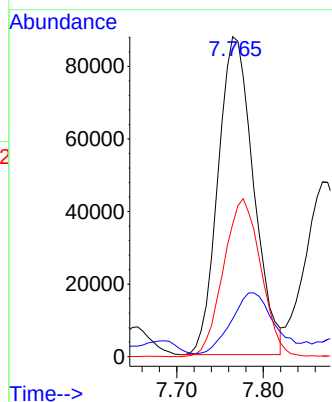


#31
Cyclohexane
Concen: 45.038 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

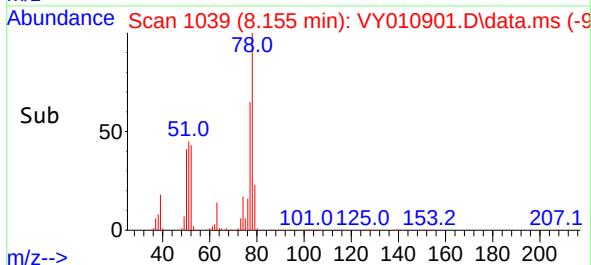
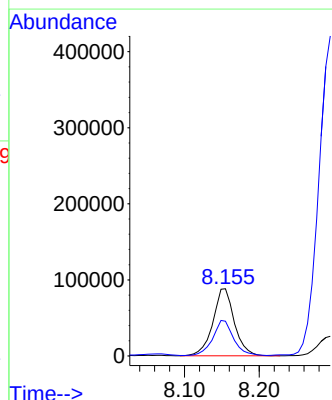
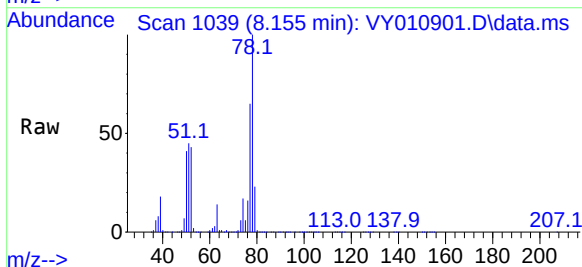


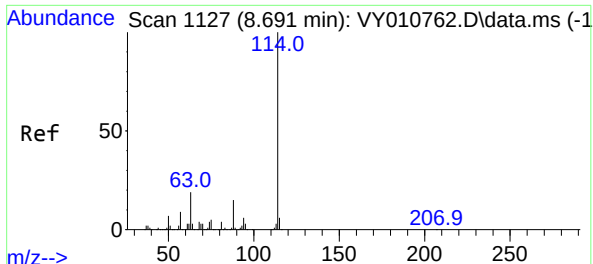
Tgt Ion: 56 Resp: 250139
Ion Ratio Lower Upper
56 100
69 9.4 26.7 40.1#
84 41.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.662 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 65 Resp: 175816
Ion Ratio Lower Upper
65 100
67 50.3 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: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

ClientSampleId :

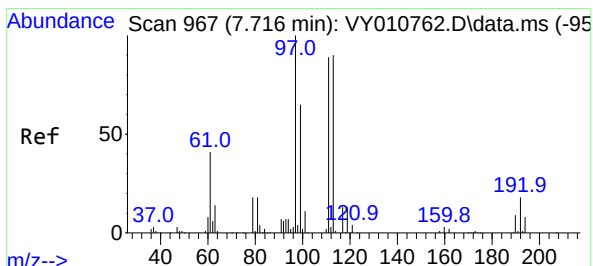
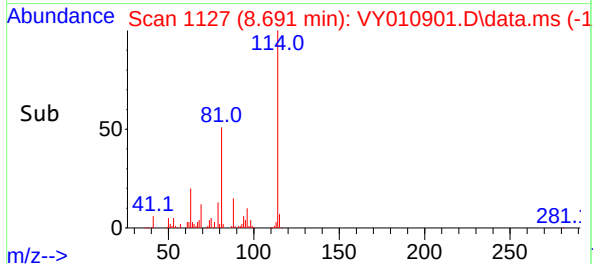
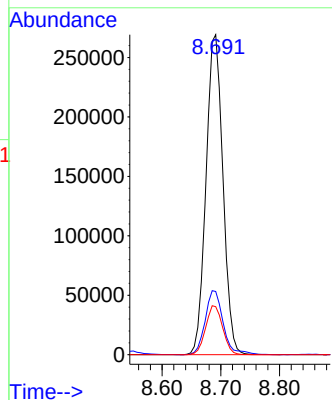
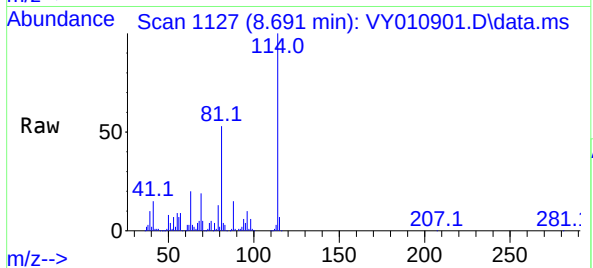
Tgt Ion:114 Resp: 538116

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.738 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

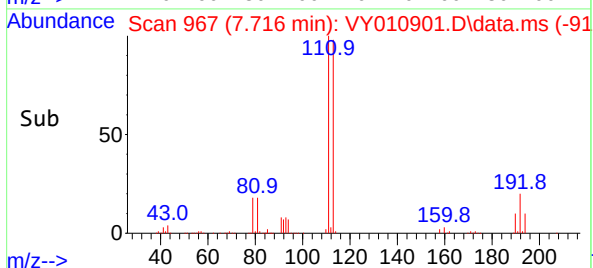
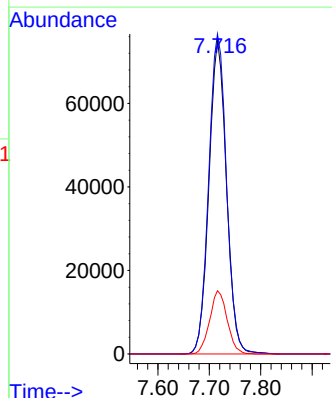
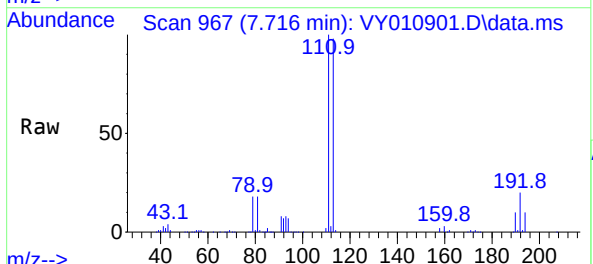
Tgt Ion:113 Resp: 177665

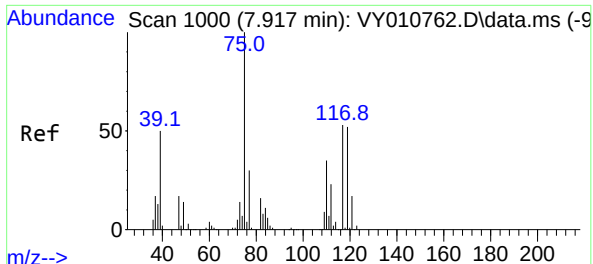
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.1 17.6 26.4

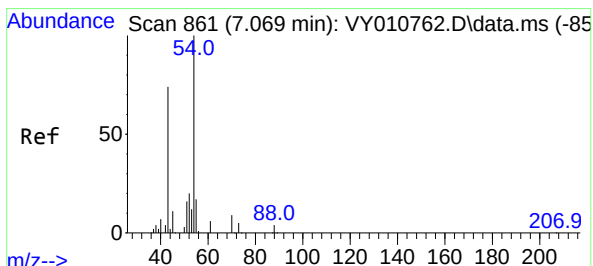
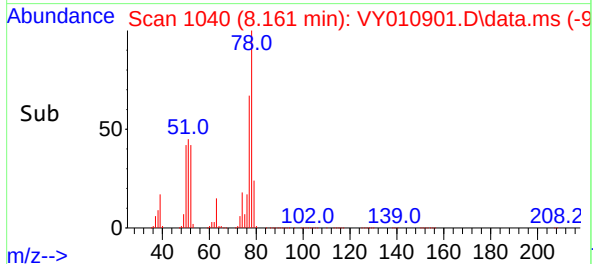
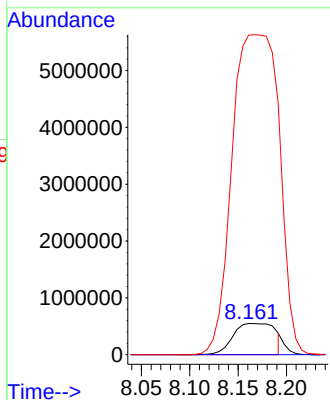
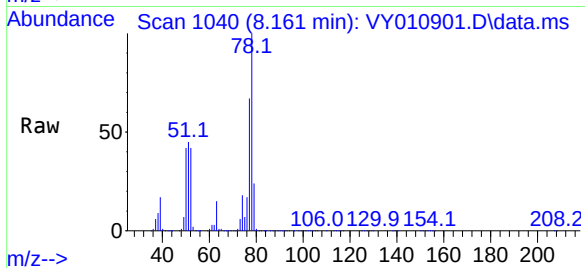




#36
1,1-Dichloropropene
Concen: 320.701 ug/l
RT: 8.161 min Scan# 1
Delta R.T. 0.244 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

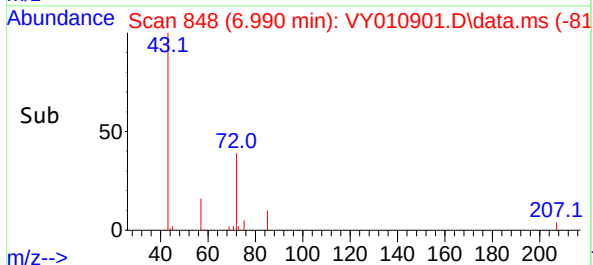
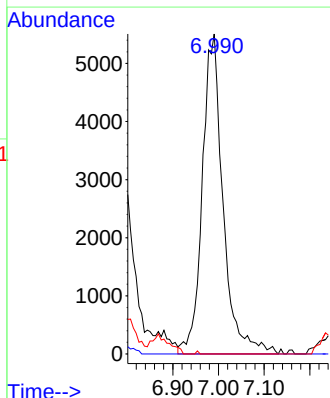
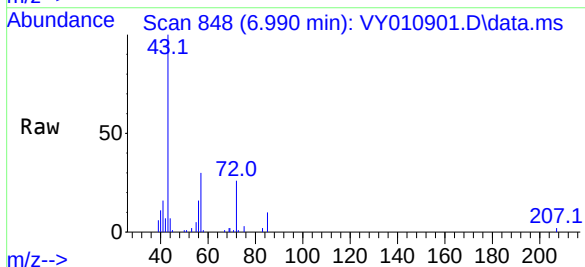
Instrument :
MSVOA_Y
ClientSampleId :

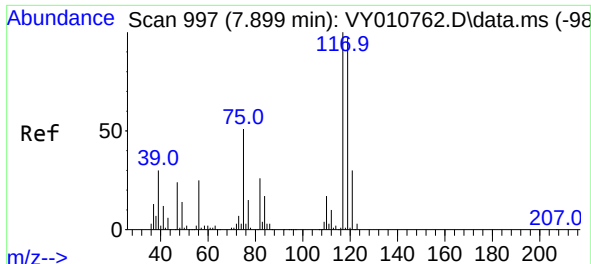
Tgt Ion: 75 Resp: 1653736
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 1071.4 24.4 36.6#



#37
Ethyl Acetate
Concen: 6.876 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

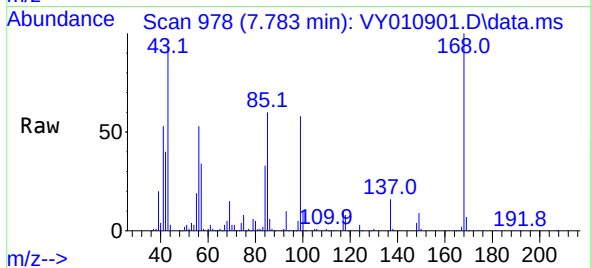
Tgt Ion: 43 Resp: 17400
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



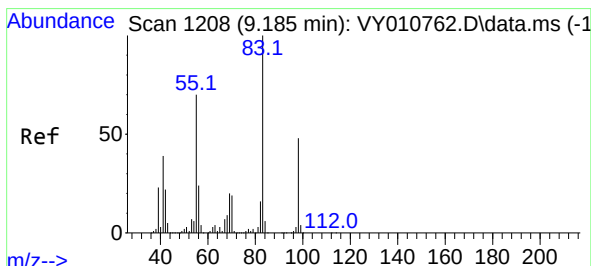
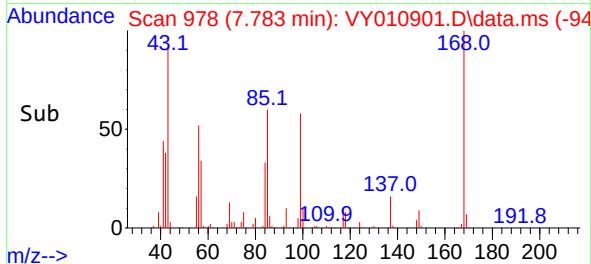
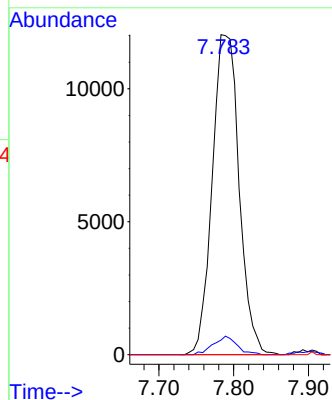


#38
Carbon Tetrachloride
Concen: 5.601 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

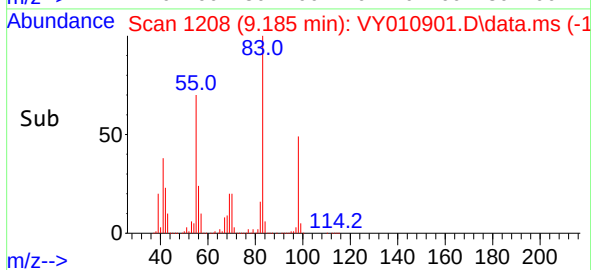
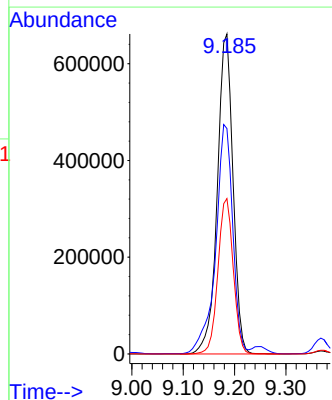
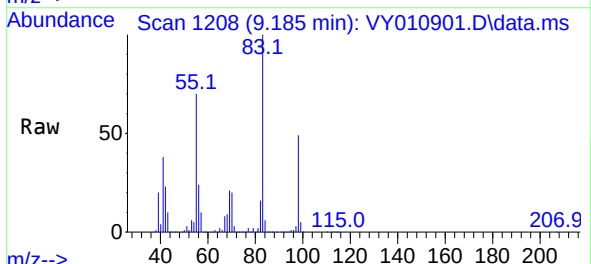


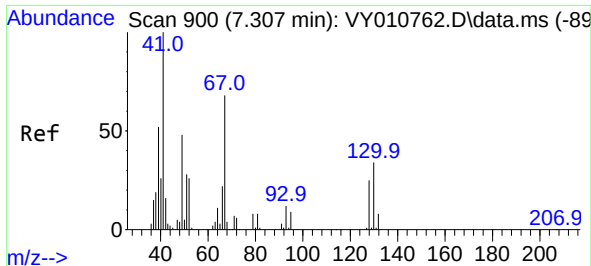
Tgt Ion: 117 Resp: 30084
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 221.873 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

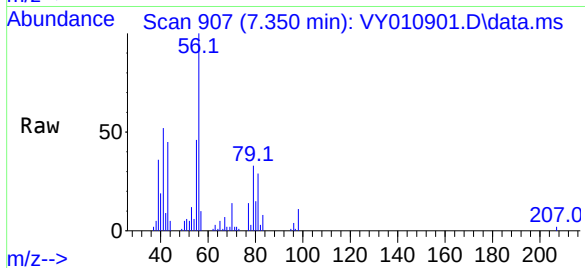
Tgt Ion: 83 Resp: 1405341
Ion Ratio Lower Upper
83 100
55 70.4 66.5 99.7
98 48.6 37.9 56.9



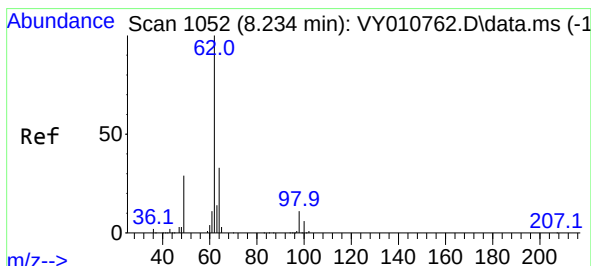
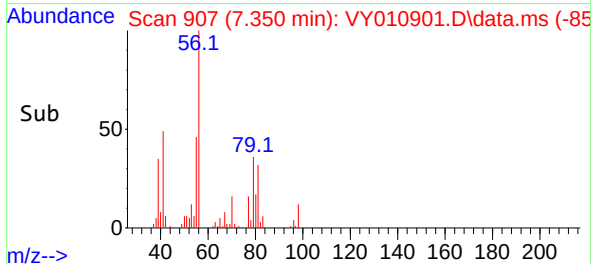
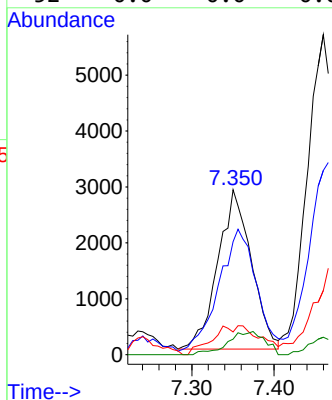


#41
Methacrylonitrile
Concen: 7.735 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

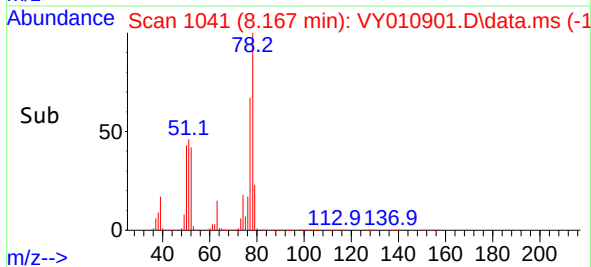
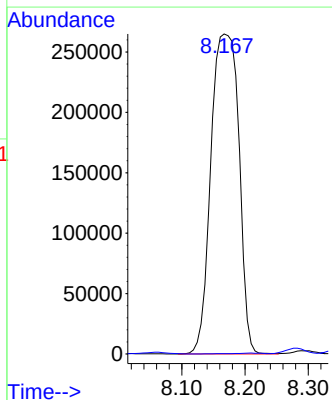
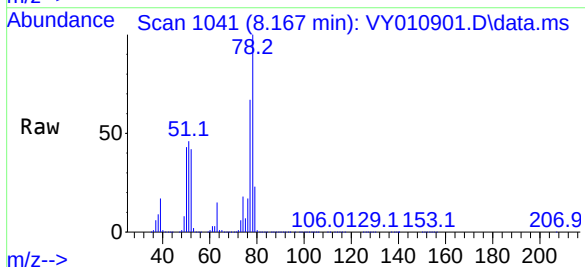


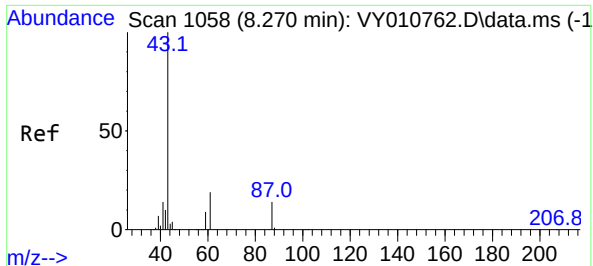
Tgt Ion: 41 Resp: 8055
Ion Ratio Lower Upper
41 100
39 86.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 193.658 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.067 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

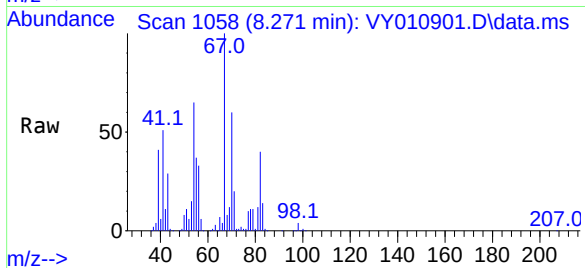
Tgt Ion: 62 Resp: 813271
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.8



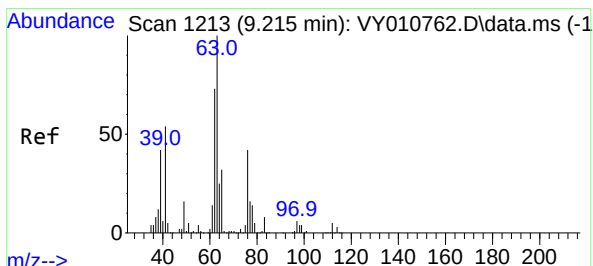
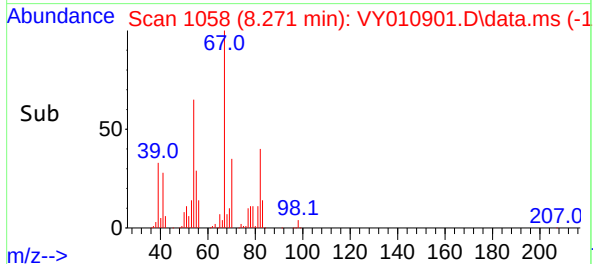
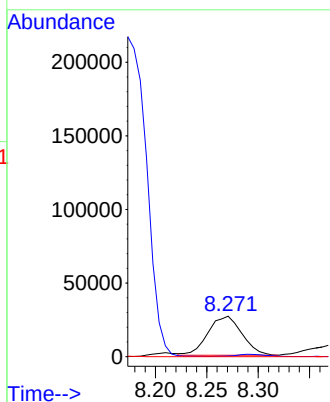


#43
Isopropyl Acetate
Concen: 13.258 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

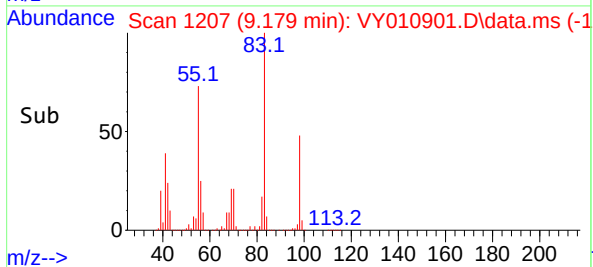
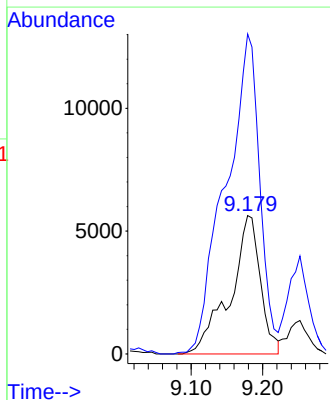
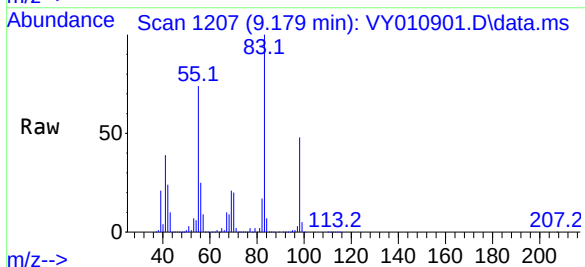


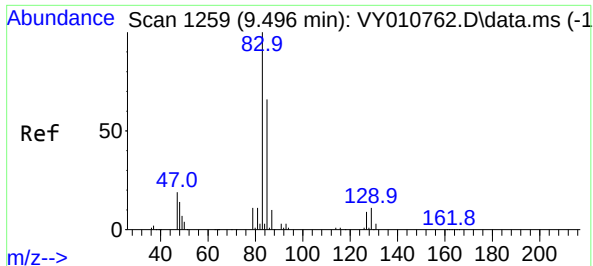
Tgt Ion: 43 Resp: 60723
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 4.625 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.036 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 63 Resp: 16563
Ion Ratio Lower Upper
63 100
65 230.1 23.0 34.6#





#47

Bromodichloromethane

Concen: 2.342 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

ClientSampleId :

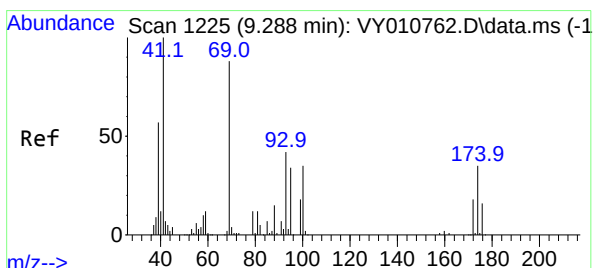
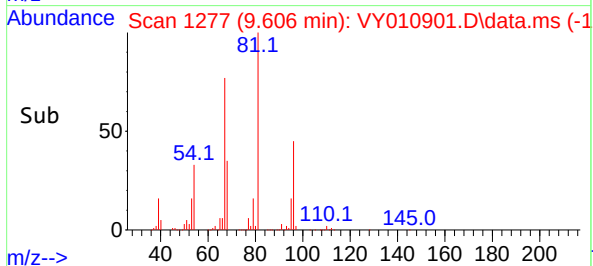
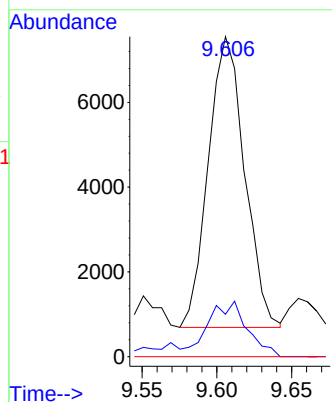
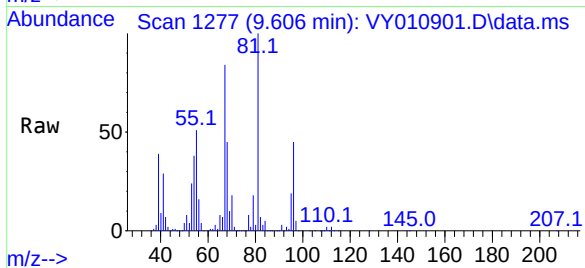
Tgt Ion: 83 Resp: 11578

Ion Ratio Lower Upper

83 100

85 14.6 51.9 77.9#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 28.159 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. -0.042 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

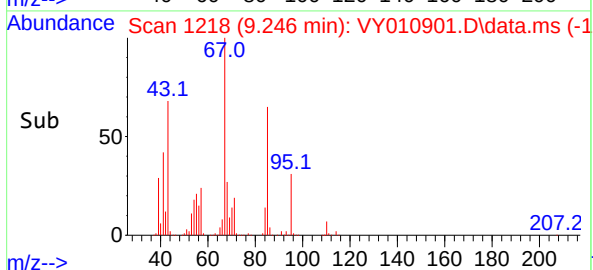
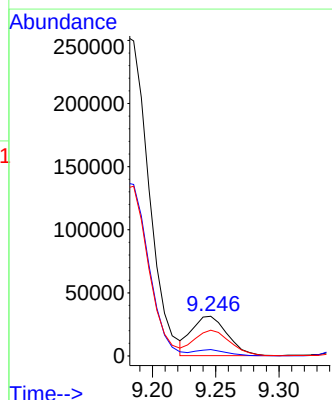
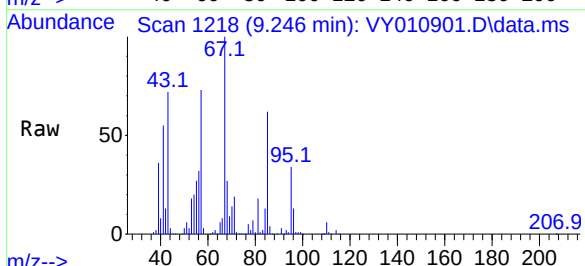
Tgt Ion: 41 Resp: 60573

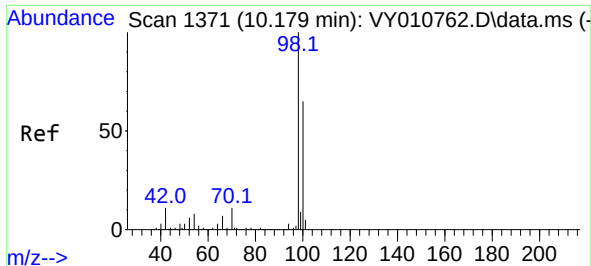
Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 65.4 47.4 71.0

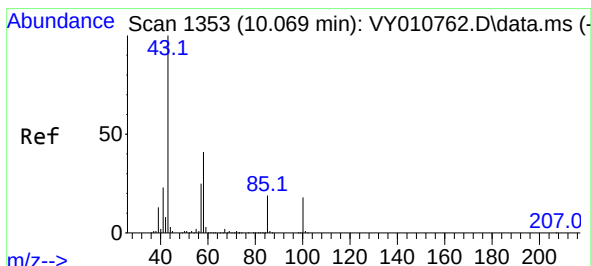
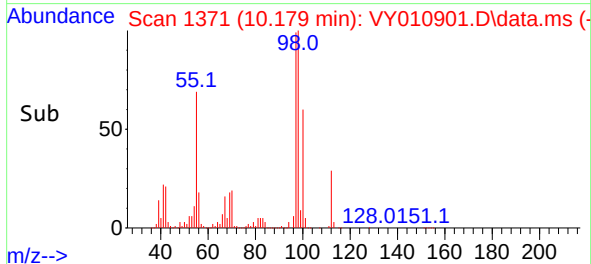
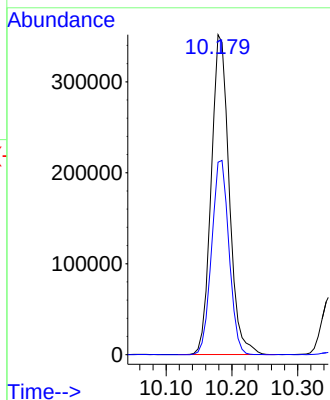
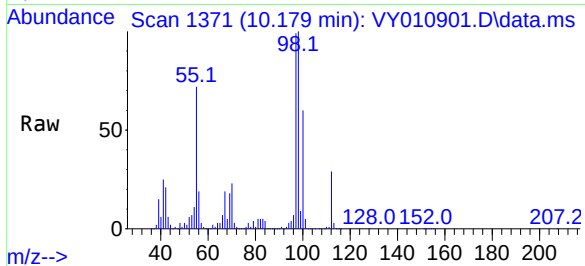




#50
Toluene-d8
Concen: 54.584 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

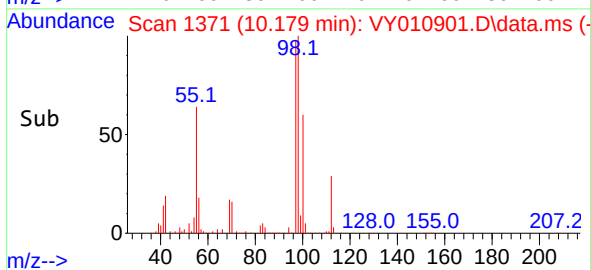
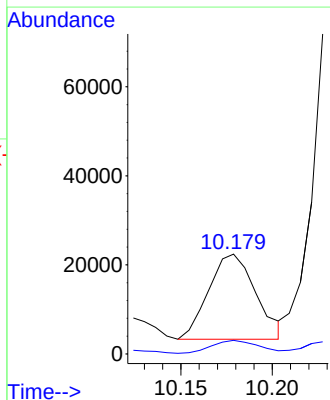
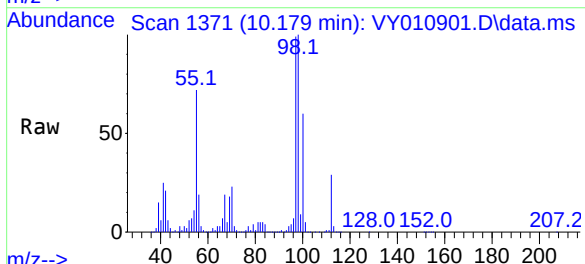
Instrument :
MSVOA_Y
ClientSampleId :

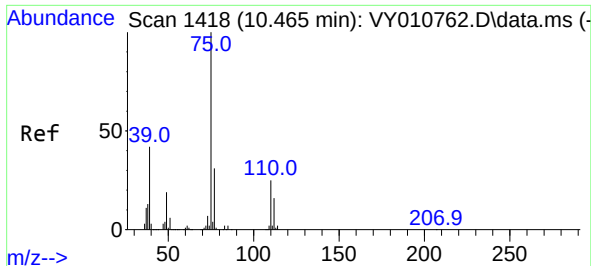
Tgt Ion: 98 Resp: 666799
Ion Ratio Lower Upper
98 100
100 58.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 13.704 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 43 Resp: 34339
Ion Ratio Lower Upper
43 100
58 15.3 28.1 42.1#

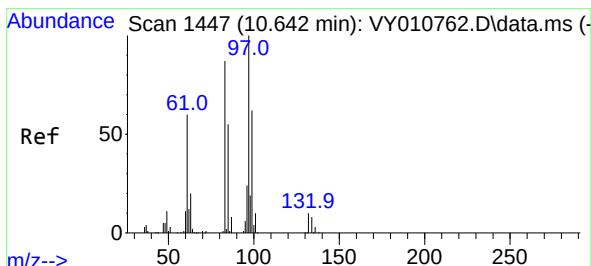
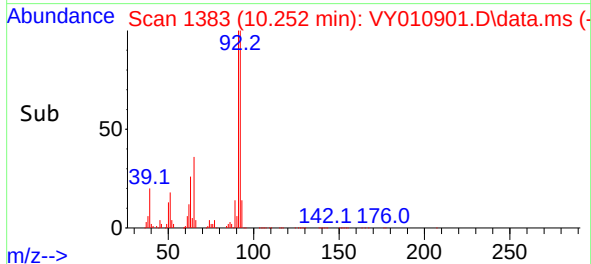
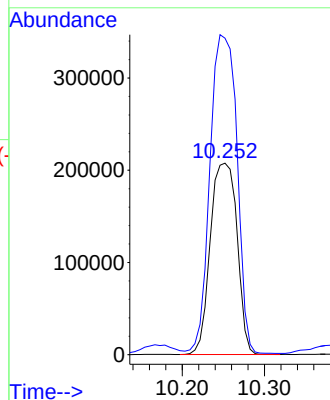
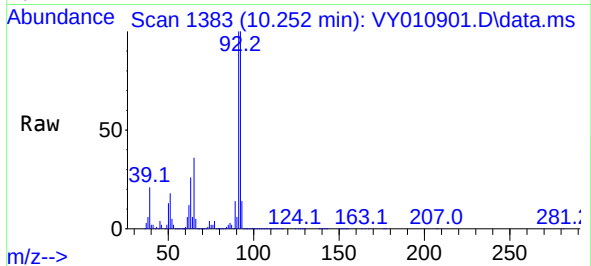




#53
t-1,3-Dichloropropene
Concen: 91.671 ug/l
RT: 10.252 min Scan# 11
Delta R.T. -0.213 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

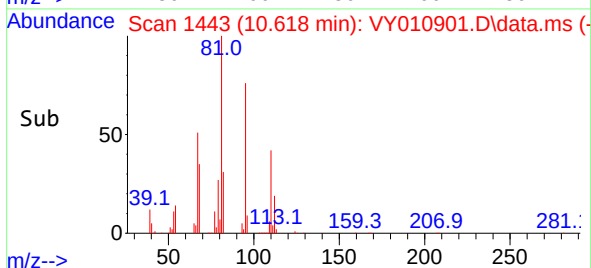
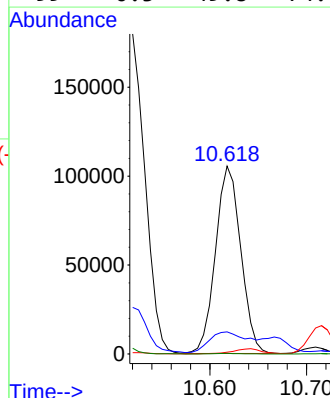
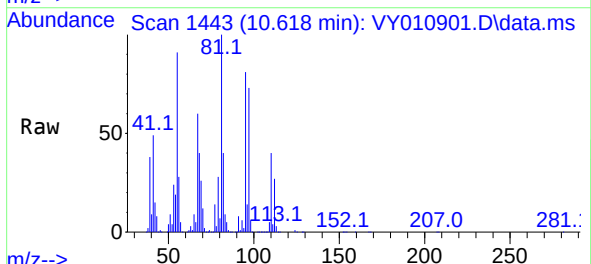
Instrument :
MSVOA_Y
ClientSampleId :

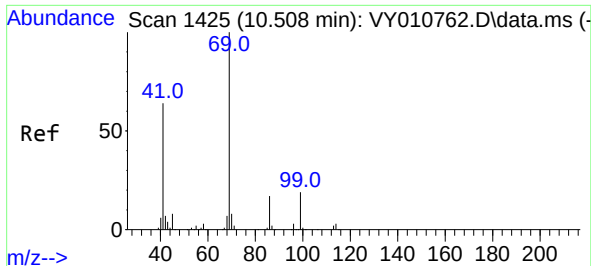
Tgt Ion: 75 Resp: 469152
Ion Ratio Lower Upper
75 100
77 164.7 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 66.453 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 97 Resp: 190992
Ion Ratio Lower Upper
97 100
83 10.6 69.8 104.8#
85 0.8 44.3 66.5#
99 0.3 49.8 74.6#

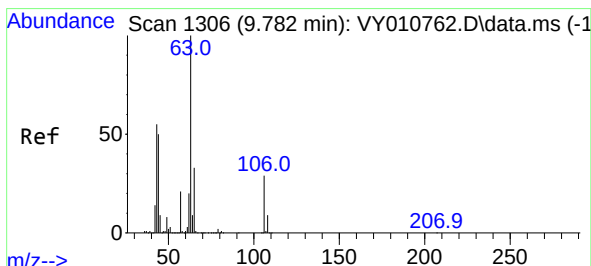
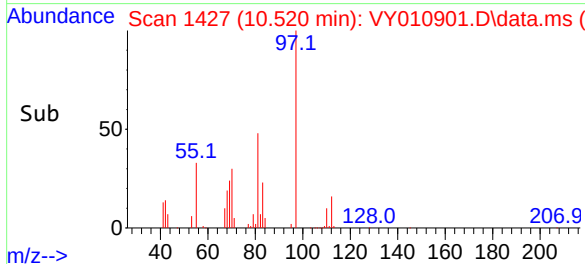
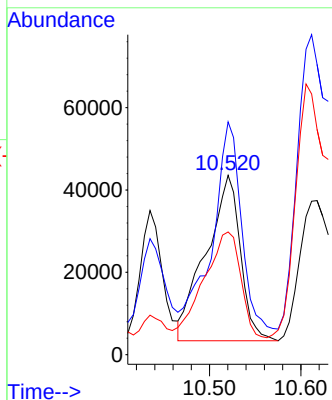
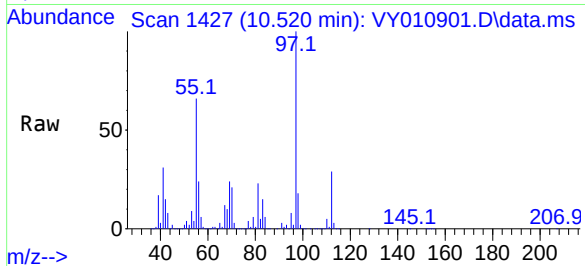




#56
Ethyl methacrylate
Concen: 28.505 ug/l
RT: 10.520 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

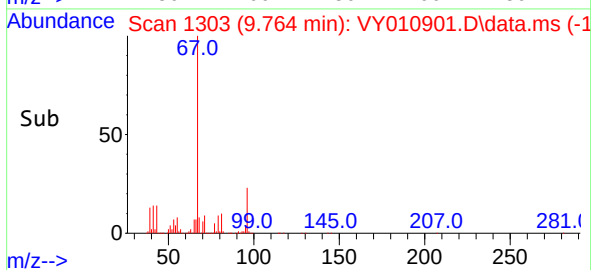
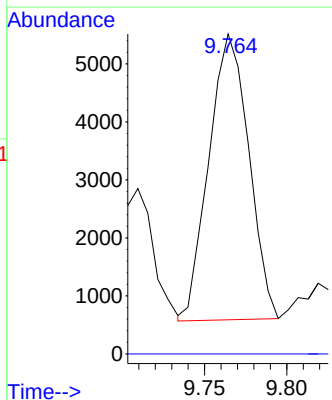
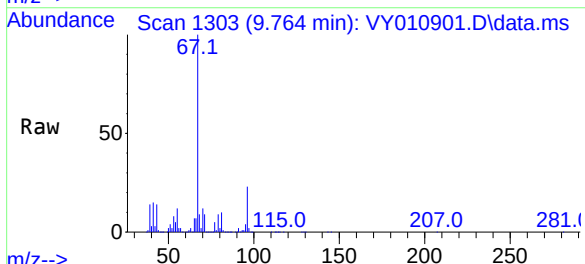
Instrument :
MSVOA_Y
ClientSampleId :

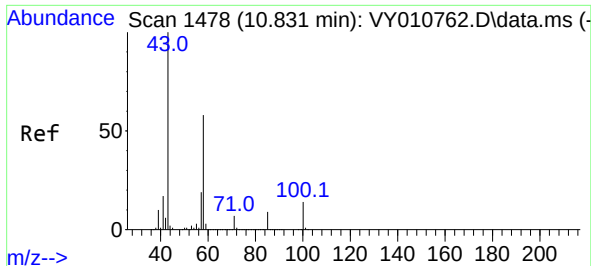
Tgt Ion: 69 Resp: 105264
Ion Ratio Lower Upper
69 100
41 102.8 63.4 95.0#
39 0.0 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 29.725 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 63 Resp: 8319
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

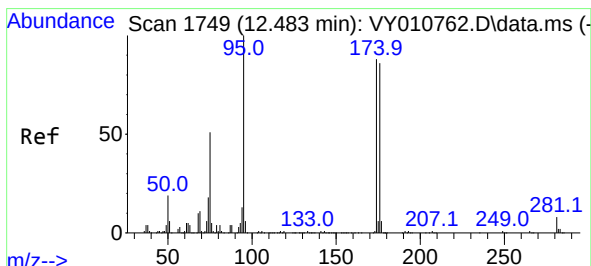
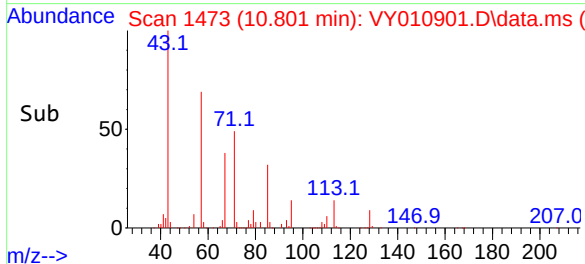
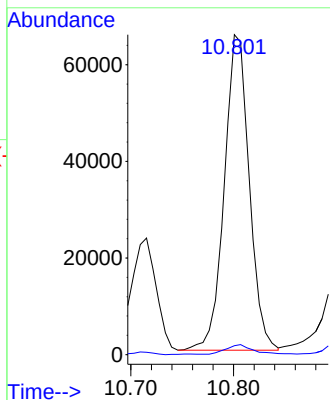
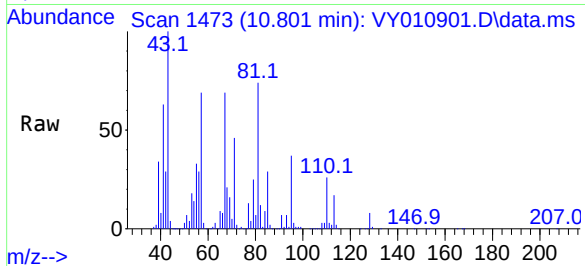




#59
2-Hexanone
Concen: 63.436 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

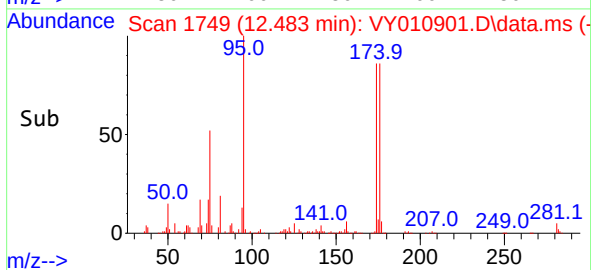
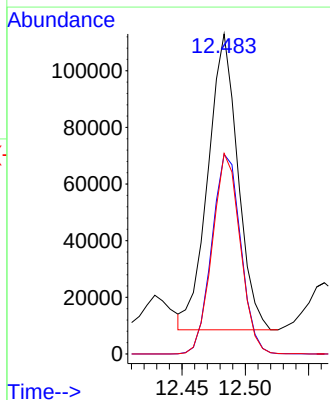
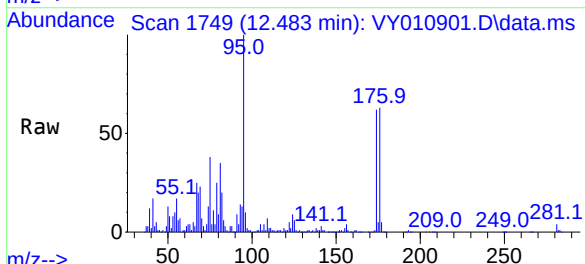
Instrument :
MSVOA_Y
ClientSampleId :

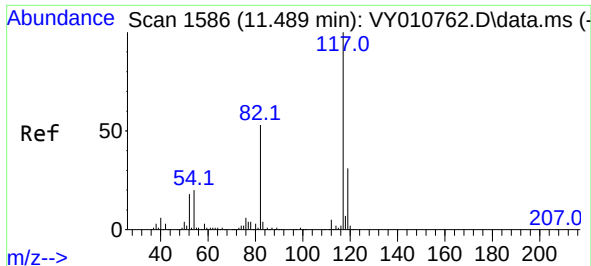
Tgt Ion: 43 Resp: 110088
Ion Ratio Lower Upper
43 100
58 3.3 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 34.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

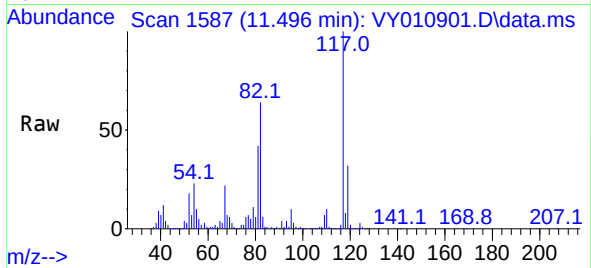
Tgt Ion: 95 Resp: 171364
Ion Ratio Lower Upper
95 100
174 65.5 0.0 177.0
176 63.6 0.0 175.8



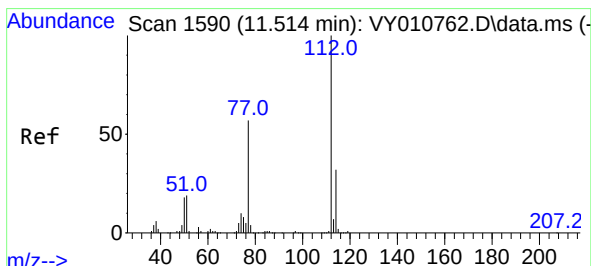
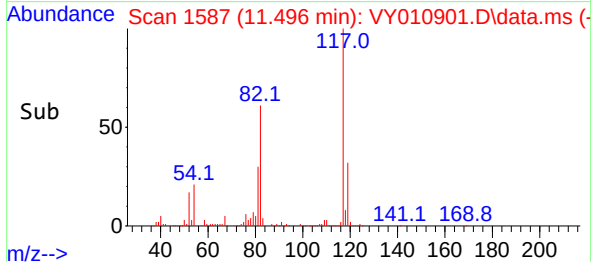
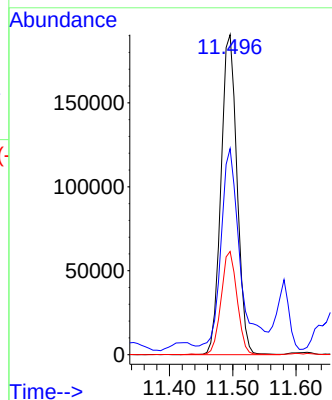


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

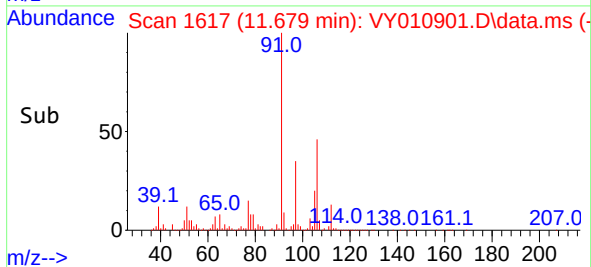
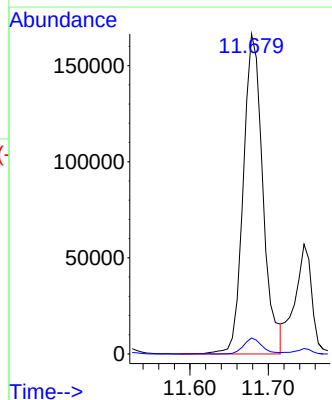
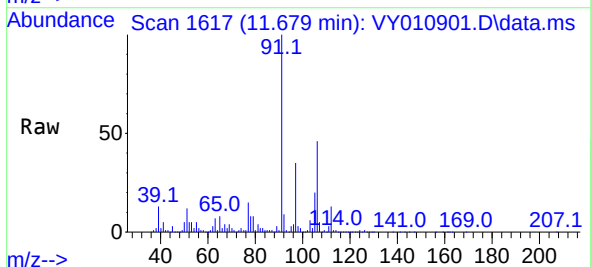


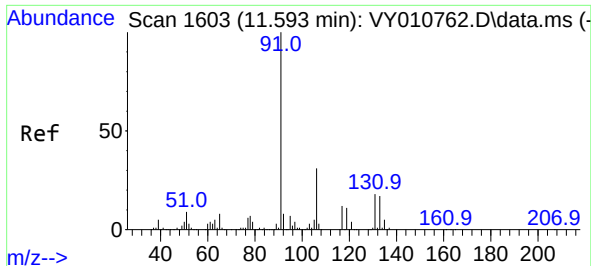
Tgt Ion:117 Resp: 333907
Ion Ratio Lower Upper
117 100
82 60.7 43.0 64.4
119 32.2 25.4 38.0



#65
Chlorobenzene
Concen: 41.824 ug/l
RT: 11.679 min Scan# 1617
Delta R.T. 0.165 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion:112 Resp: 289204
Ion Ratio Lower Upper
112 100
114 5.0 25.8 38.6#





#67

Ethyl Benzene

Concen: 224.760 ug/l

RT: 11.691 min Scan# 1

Delta R.T. 0.098 min

Lab File: VY010901.D

Acq: 10 Oct 2022 19:20

Instrument :

MSVOA_Y

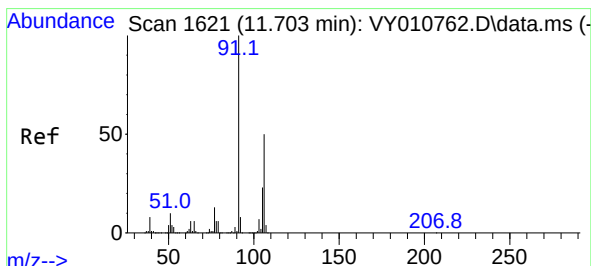
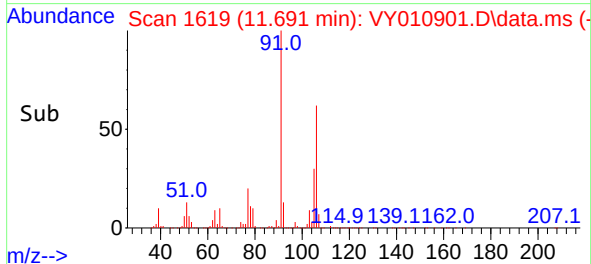
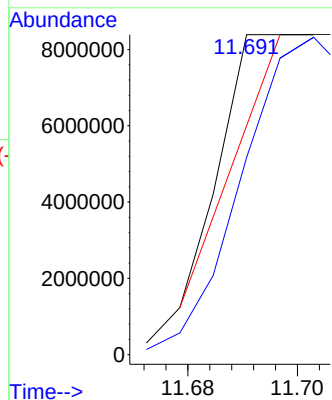
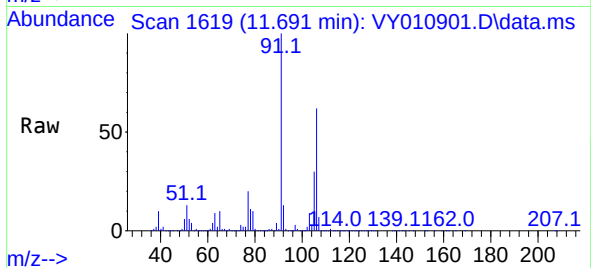
ClientSampleId :

Tgt Ion: 91 Resp: 2796970

Ion Ratio Lower Upper

91 100

106 64.3 24.5 36.7#



#68

m/p-Xylenes

Concen: 3275.822 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010901.D

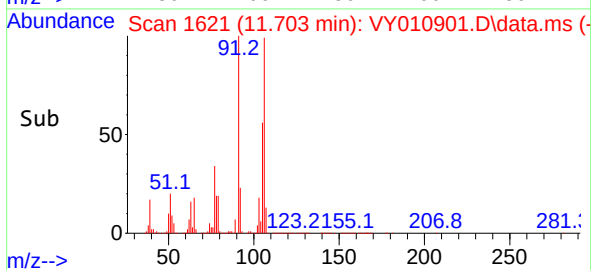
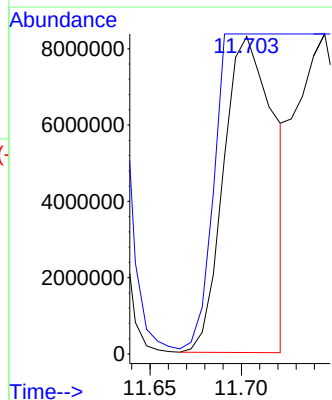
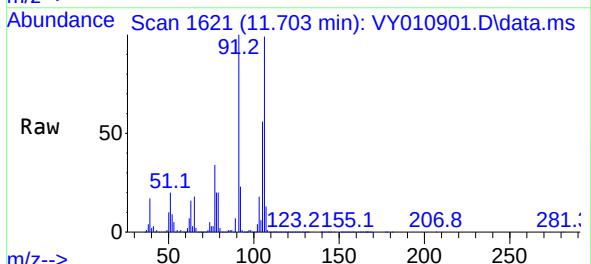
Acq: 10 Oct 2022 19:20

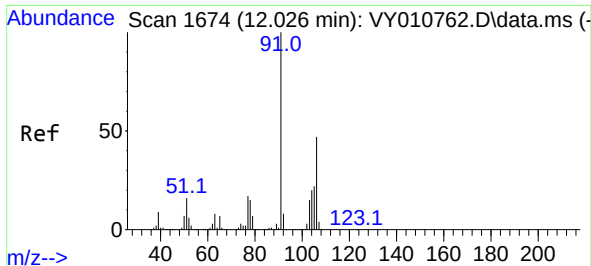
Tgt Ion: 106 Resp: 15953744

Ion Ratio Lower Upper

106 100

91 17.5 166.6 249.8#

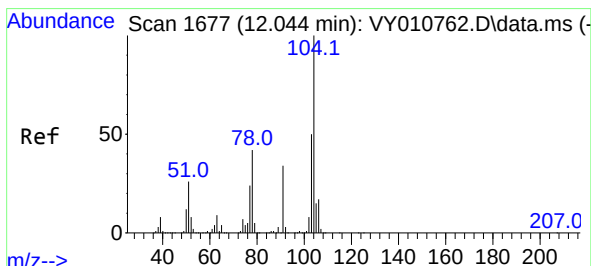
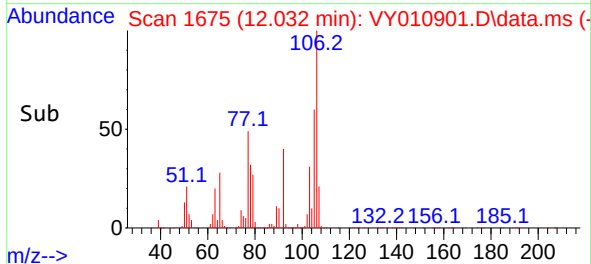
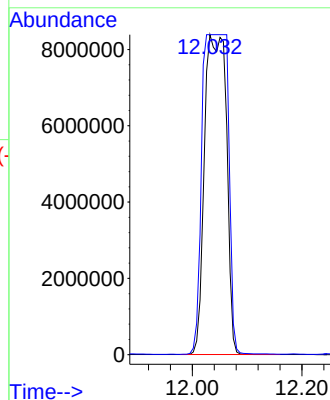
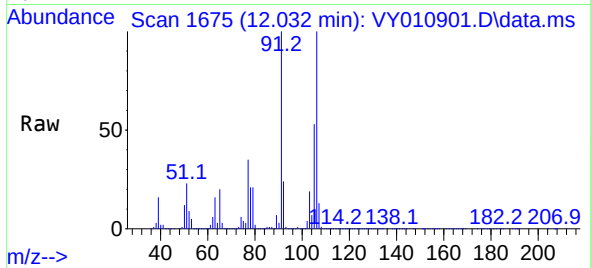




#69
o-Xylene
Concen: 5067.073 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

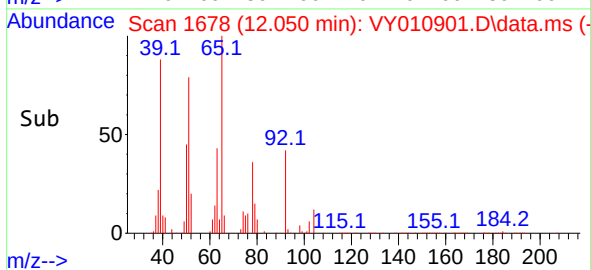
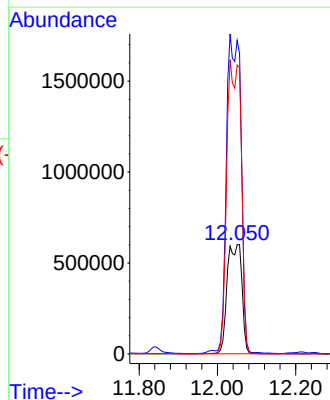
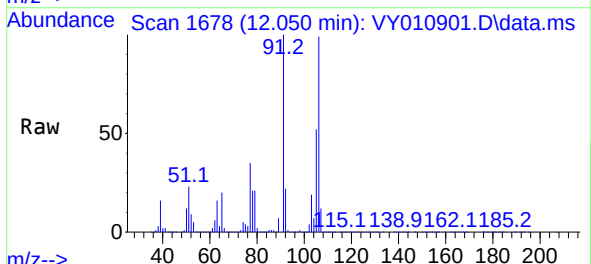
Instrument :
MSVOA_Y
ClientSampleId :

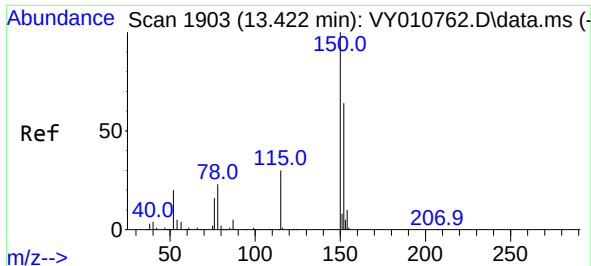
Tgt Ion:106 Resp:23072022
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0#



#70
Styrene
Concen: 204.658 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion:104 Resp: 1570526
Ion Ratio Lower Upper
104 100
78 287.5 42.4 63.6#
103 263.0 44.4 66.6#

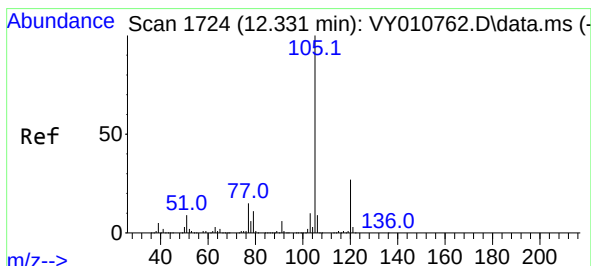
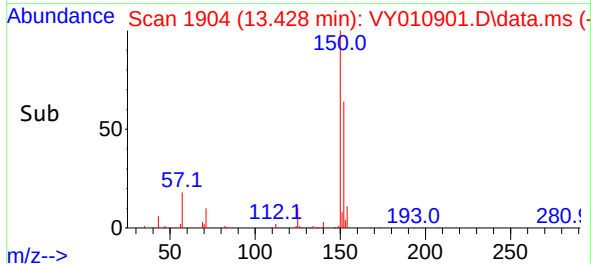
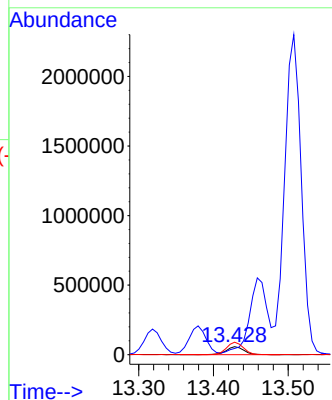
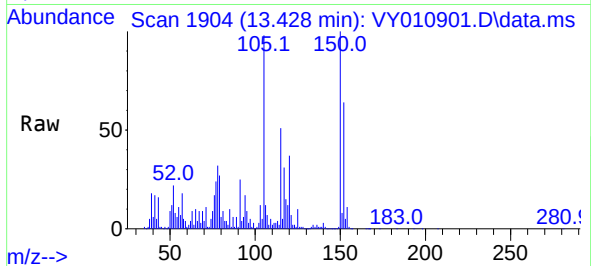




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

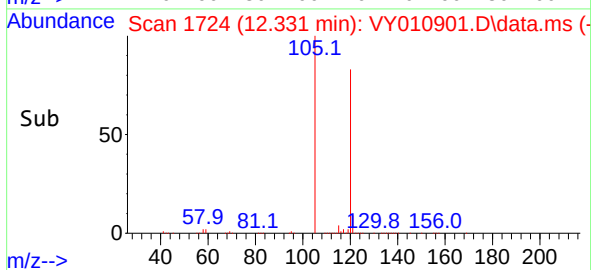
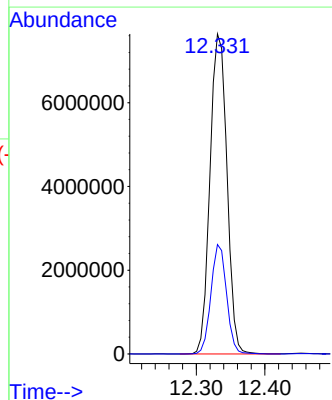
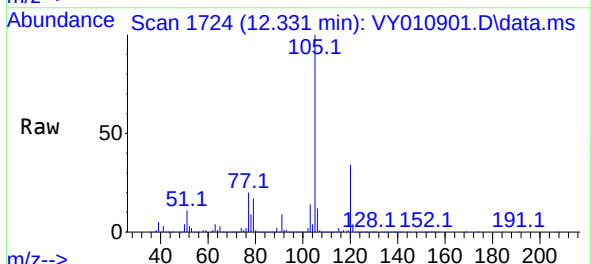
Instrument :
MSVOA_Y
ClientSampleId :

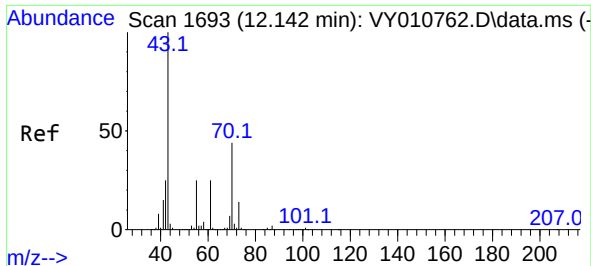
Tgt Ion:152 Resp: 92414
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 149.4 0.0 347.6



#73
Isopropylbenzene
Concen: 1937.077 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

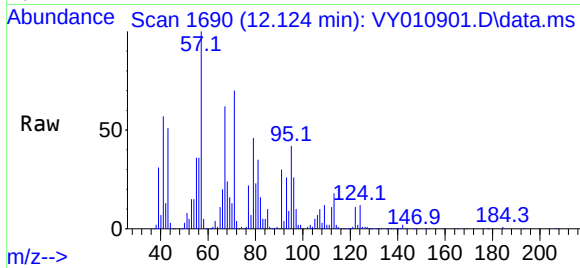
Tgt Ion:105 Resp:13160268
Ion Ratio Lower Upper
105 100
120 31.5 13.4 40.2



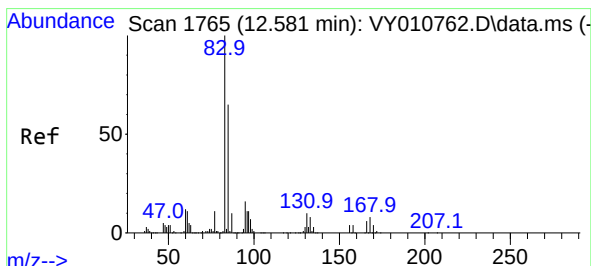
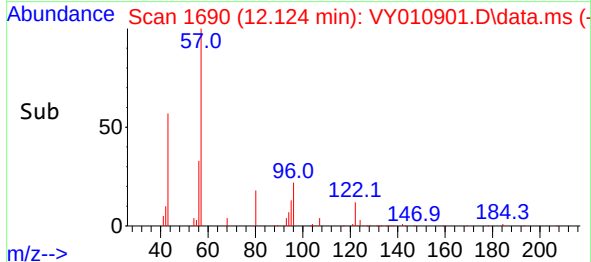
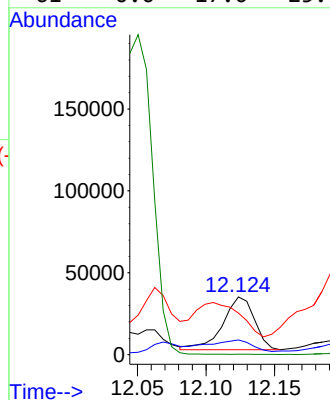


#74
N-amy1 acetate
Concen: 33.100 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

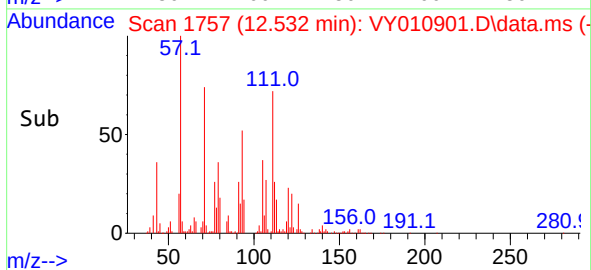
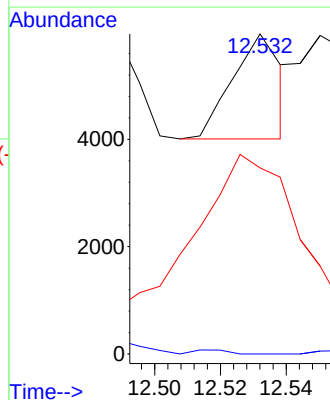
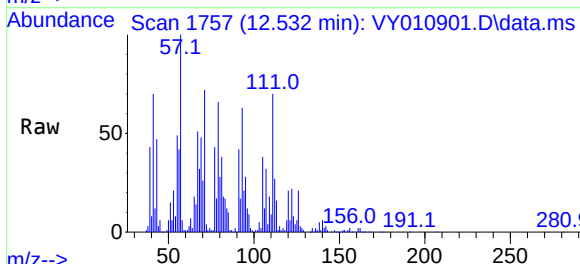


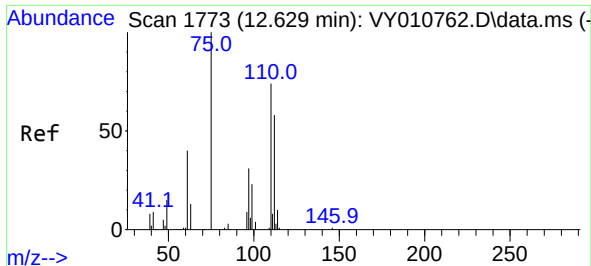
Tgt Ion: 43 Resp: 51683
Ion Ratio Lower Upper
43 100
70 26.8 28.7 43.1#
55 94.2 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.580 ug/l
RT: 12.532 min Scan# 1757
Delta R.T. -0.049 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 83 Resp: 2005
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 309.1 32.3 96.8#

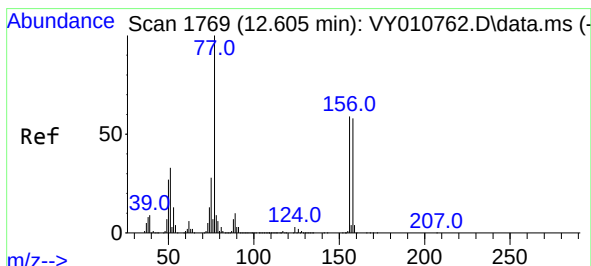
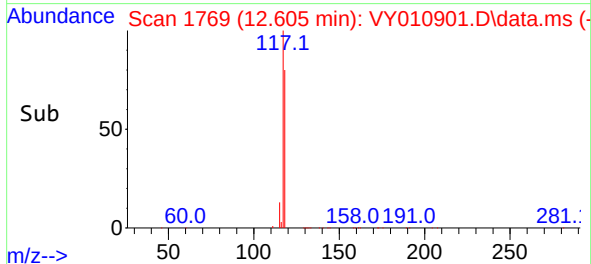
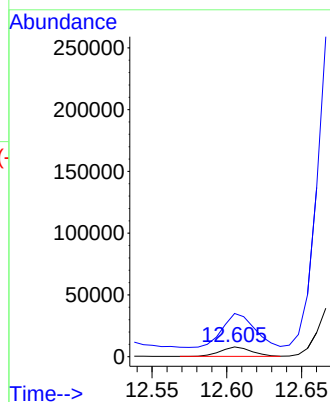
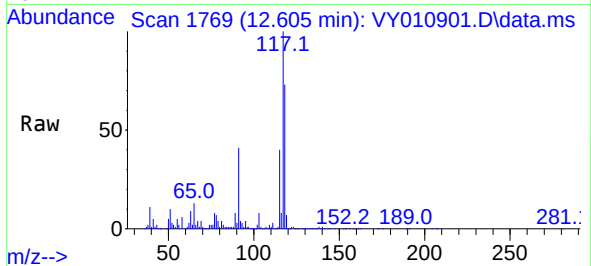




#76
1,2,3-Trichloropropane
Concen: 11.900 ug/l
RT: 12.605 min Scan# 1737
Delta R.T. -0.024 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

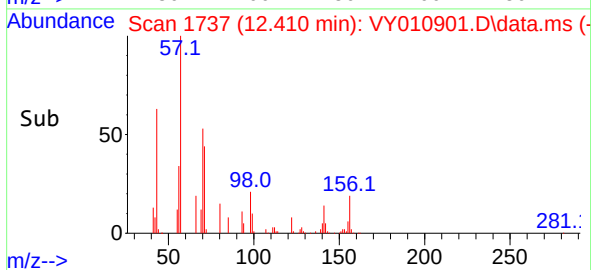
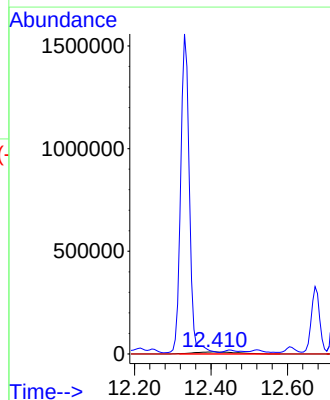
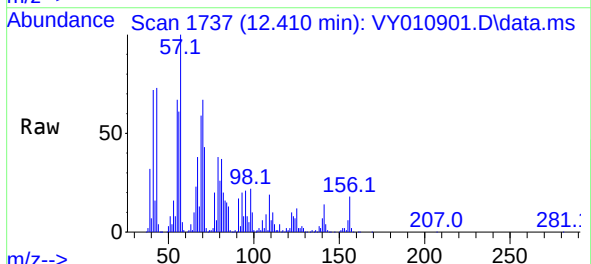
Instrument :
MSVOA_Y
ClientSampleId :

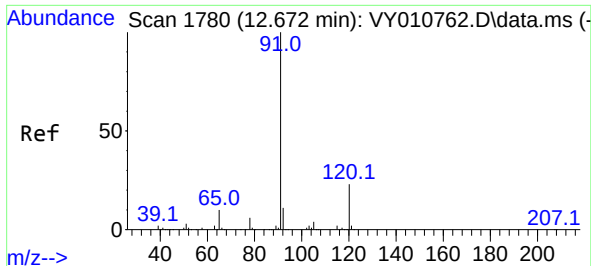
Tgt Ion: 75 Resp: 11137
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 48.077 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.195 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion:156 Resp: 74929
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.5 48.0 144.0#

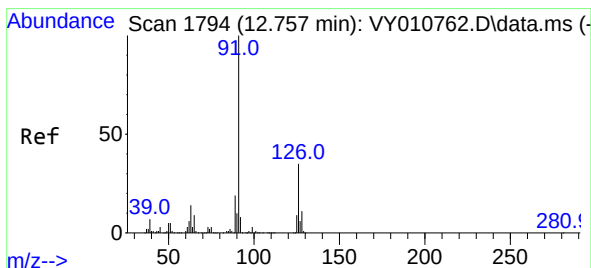
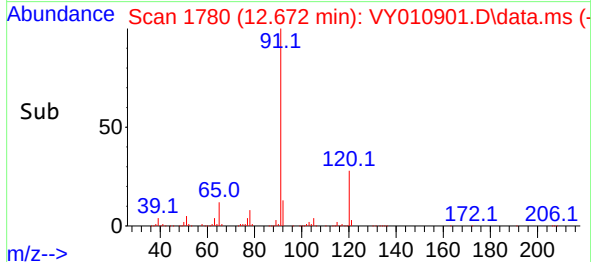
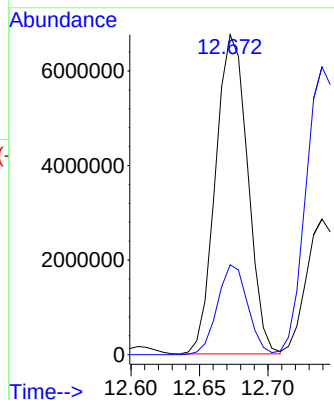
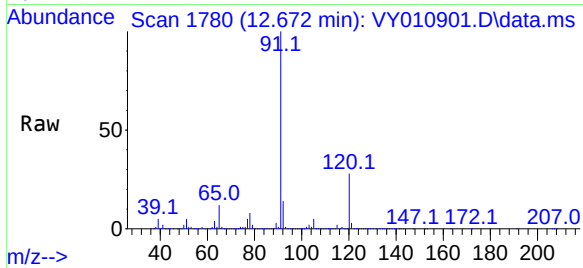




#78
n-propylbenzene
Concen: 1331.735 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

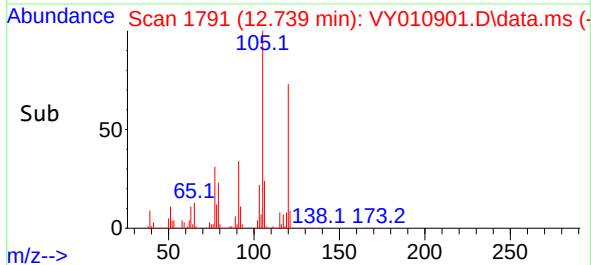
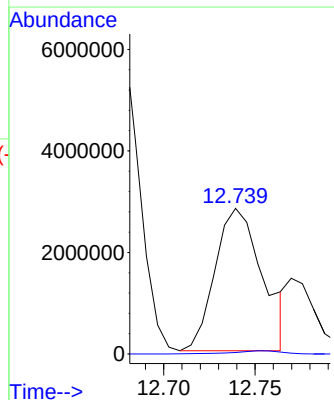
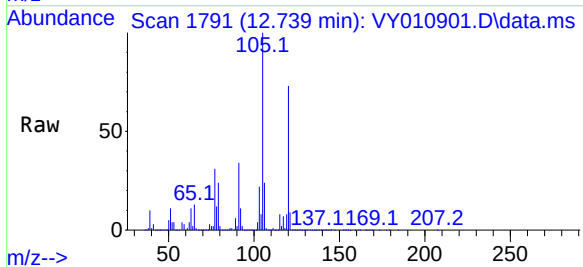
Instrument :
MSVOA_Y
ClientSampleId :

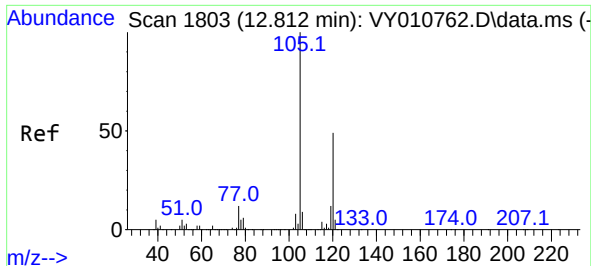
Tgt Ion: 91 Resp:11019084
Ion Ratio Lower Upper
91 100
120 26.5 11.3 33.9



#79
2-Chlorotoluene
Concen: 1096.510 ug/l
RT: 12.739 min Scan# 1791
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 91 Resp: 5075887
Ion Ratio Lower Upper
91 100
126 2.2 16.9 50.6#

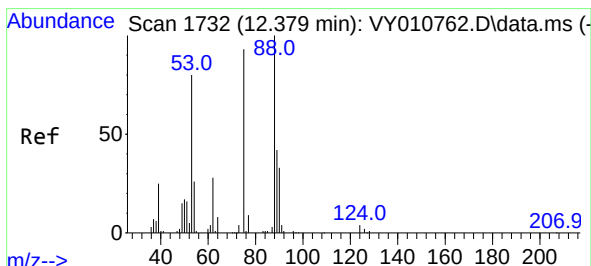
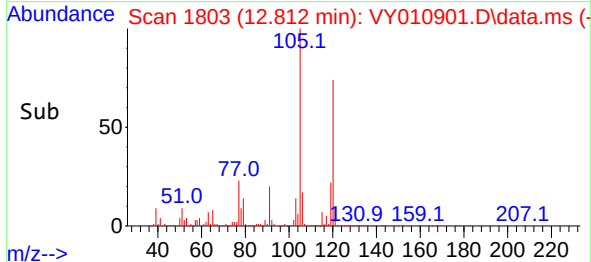
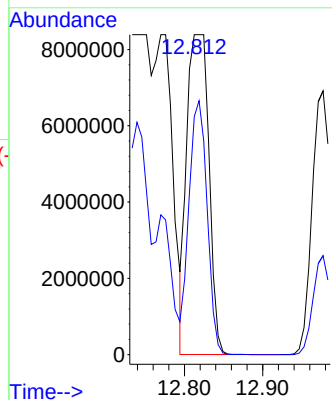
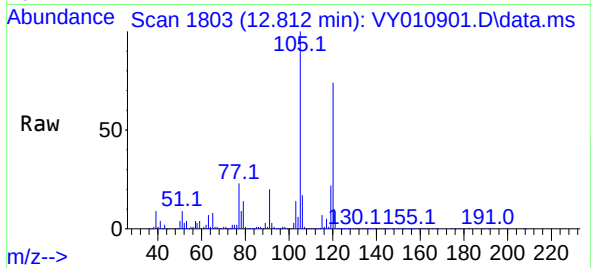




#80
1,3,5-Trimethylbenzene
Concen: 2872.228 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

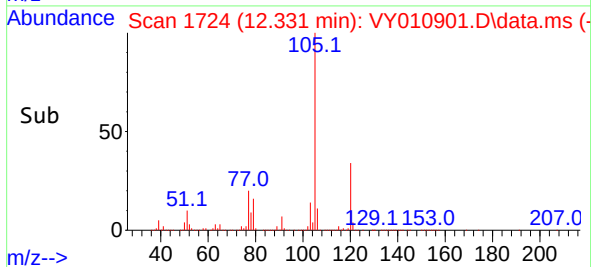
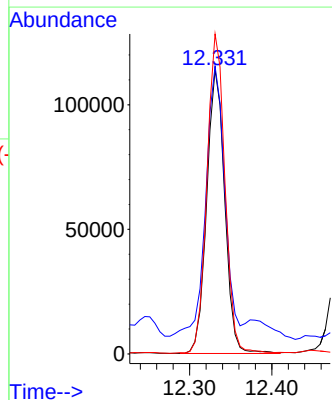
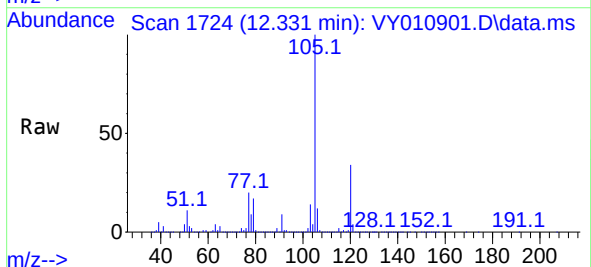
Instrument :
MSVOA_Y
ClientSampleId :

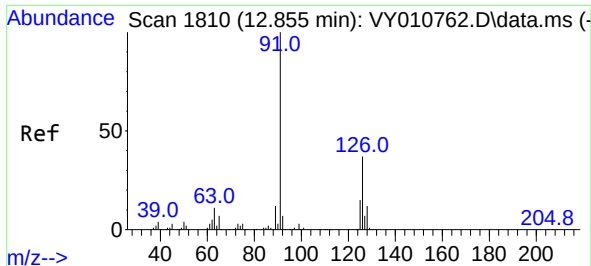
Tgt Ion:105 Resp:16504404
Ion Ratio Lower Upper
105 100
120 65.1 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 386.566 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.048 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 75 Resp: 173188
Ion Ratio Lower Upper
75 100
53 105.2 85.3 127.9
89 112.7 37.0 55.4#

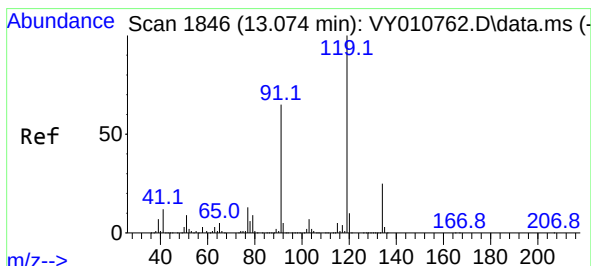
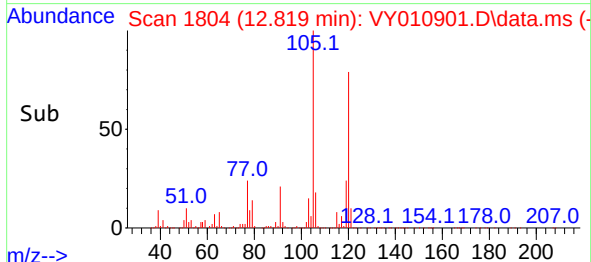
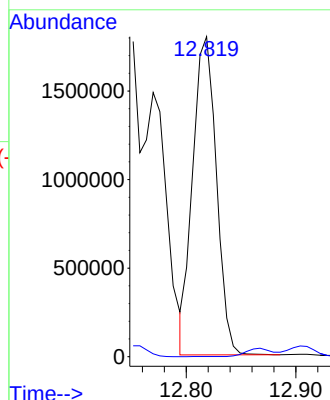
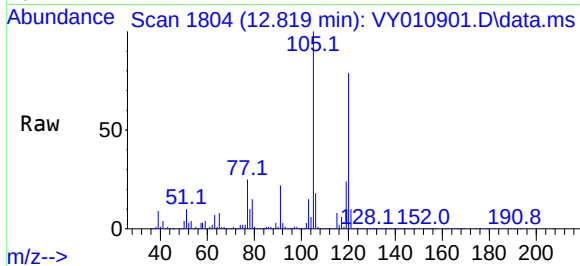




#82
4-Chlorotoluene
Concen: 557.445 ug/l
RT: 12.819 min Scan# 1810
Delta R.T. -0.036 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

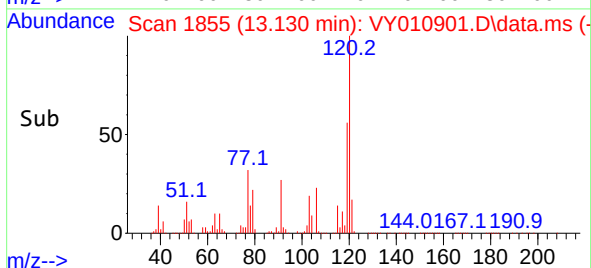
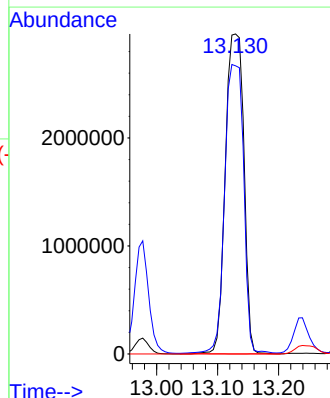
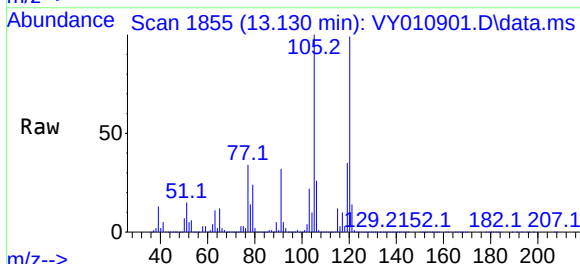
Instrument :
MSVOA_Y
ClientSampleId :

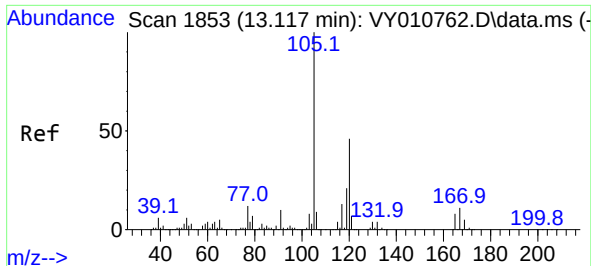
Tgt Ion: 91 Resp: 2698317
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 1272.389 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.056 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 119 Resp: 6233231
Ion Ratio Lower Upper
119 100
91 92.2 34.8 104.4
134 0.0 13.3 39.9#

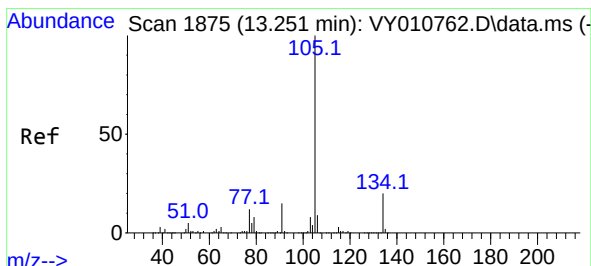
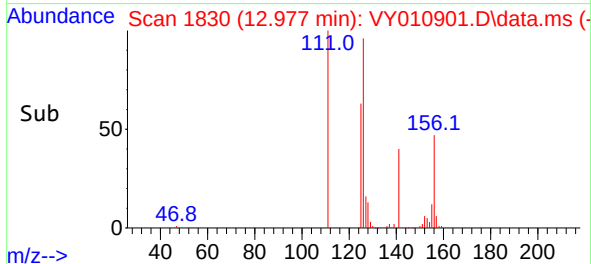
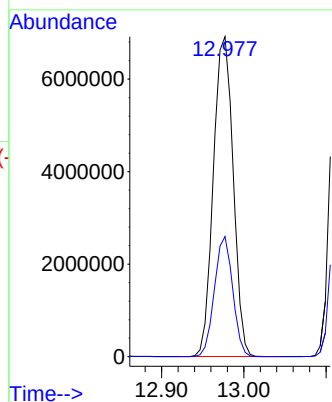
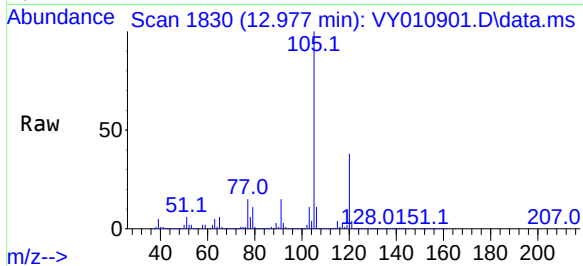




#84
1,2,4-Trimethylbenzene
Concen: 2048.903 ug/l
RT: 12.977 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

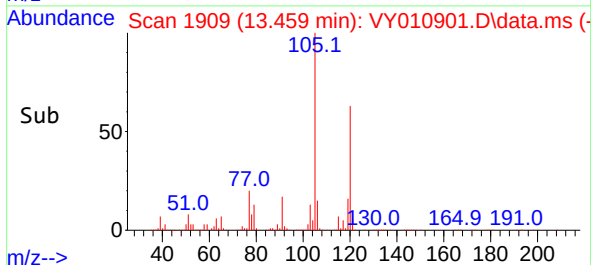
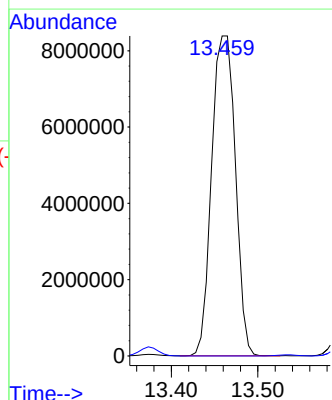
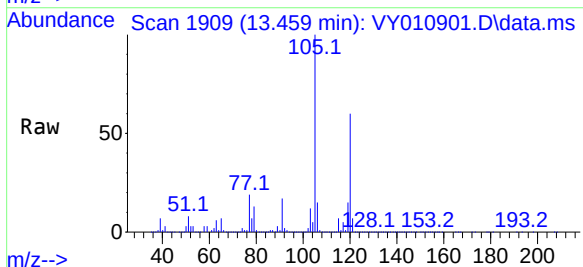
Instrument :
MSVOA_Y
ClientSampleId :

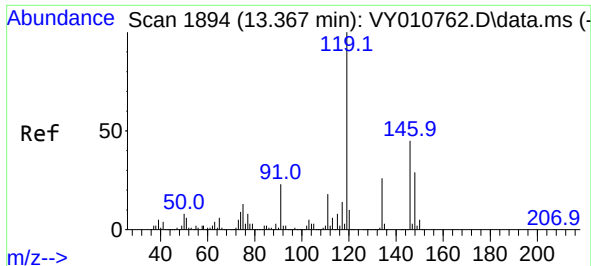
Tgt Ion:105 Resp:11575196
Ion Ratio Lower Upper
105 100
120 34.7 22.3 66.9



#85
sec-Butylbenzene
Concen: 2168.803 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.208 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

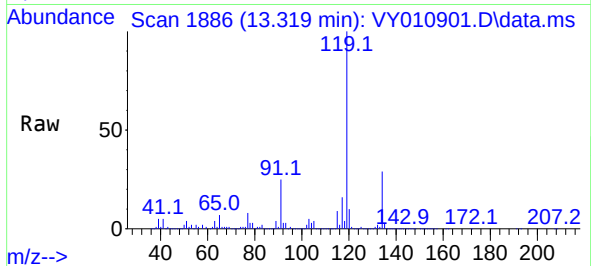
Tgt Ion:105 Resp:15993070
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



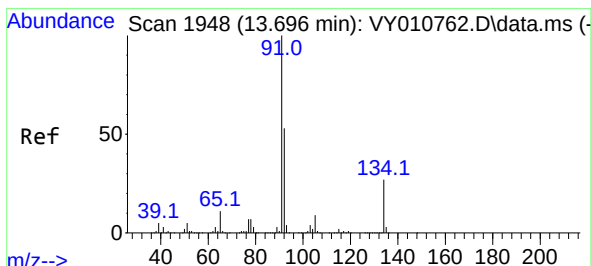
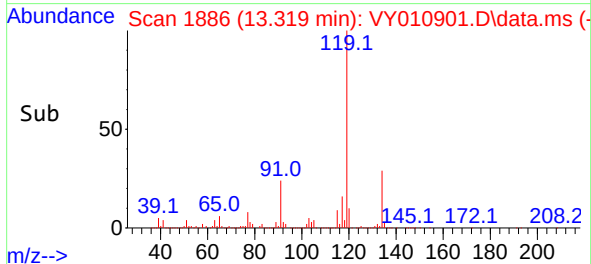
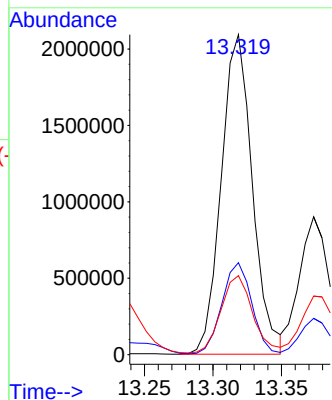


#86
p-Isopropyltoluene
Concen: 534.435 ug/l
RT: 13.319 min Scan# 1886
Delta R.T. -0.049 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

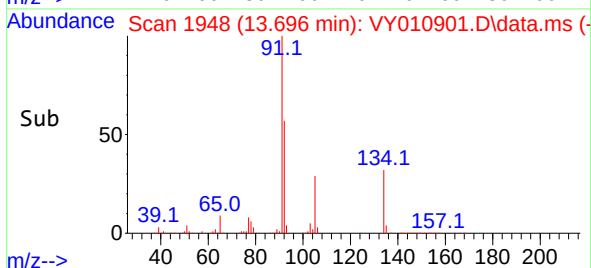
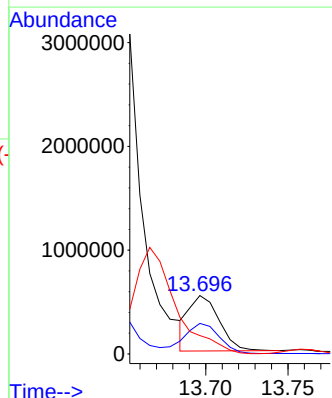
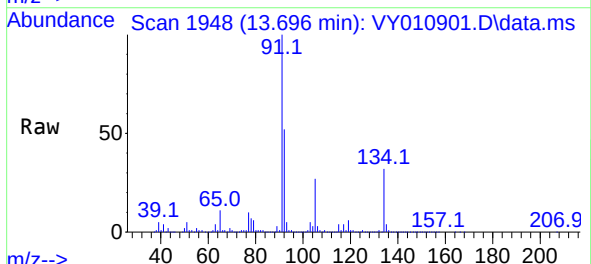


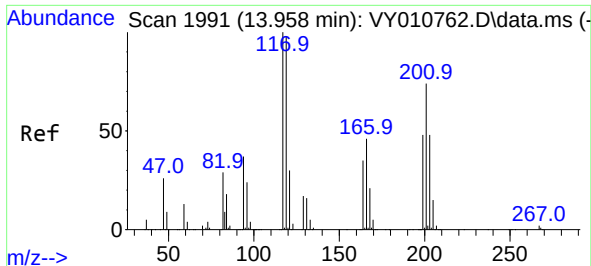
Tgt Ion:119 Resp: 3306436
Ion Ratio Lower Upper
119 100
134 27.8 13.2 39.5
91 24.5 12.4 37.2



#89
n-Butylbenzene
Concen: 119.570 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 91 Resp: 680738
Ion Ratio Lower Upper
91 100
92 63.9 26.3 78.9
134 0.0 13.0 38.9#

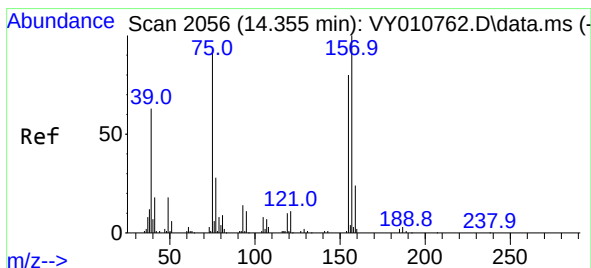
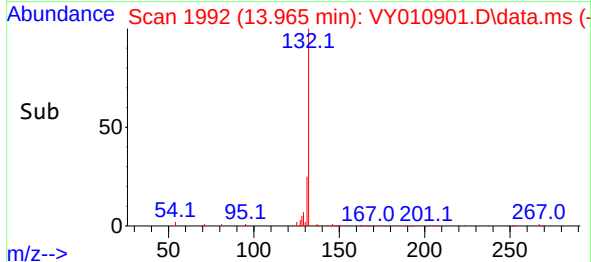
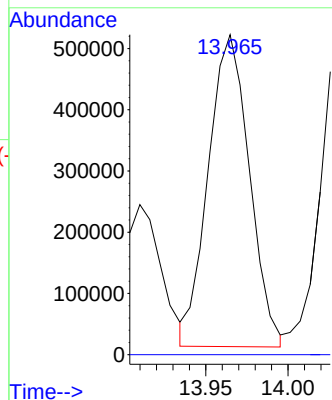
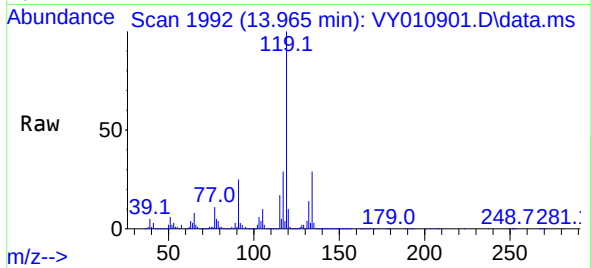




#90
Hexachloroethane
Concen: 748.608 ug/l
RT: 13.965 min Scan# 1991
Delta R.T. 0.007 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 885898
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 180.605 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY010901.D
Acq: 10 Oct 2022 19:20

Tgt Ion: 75 Resp: 36863
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.2 47.8 143.3#

