

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019978.D
 Acq On : 22 Oct 2024 13:59
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:29:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	4375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	5328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.396	117	3649	50.000	ug/l	#-0.02
72) 1,4-Dichlorobenzene-d4	13.322	152	2999	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1288	23.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.820%#
35) Dibromofluoromethane	7.634	113	1772	50.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.109	98	4597	35.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.820%
62) 4-Bromofluorobenzene	12.505	95	608	12.960	ug/l	0.10
Spiked Amount	50.000	Range	29 - 146	Recovery	=	25.920%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.739	64	90	2.297	ug/l	# 42
11) Tert butyl alcohol	4.848	59	33	Below Cal	#	88
13) Acrolein	3.629	56	60	15.158	ug/l	# 53
15) Acrylonitrile	4.891	53	19	1.575	ug/l	# 18
16) Acetone	3.854	43	22	1.569	ug/l	# 36
18) Methyl Acetate	4.360	43	100	3.310	ug/l	# 46
25) 2-Butanone	6.903	43	46	2.451	ug/l	# 41
29) Tetrahydrofuran	7.275	42	29	2.706	ug/l	# 26
30) Chloroform	7.598	83	118	1.129	ug/l	100
31) Cyclohexane	7.695	56	240	2.666	ug/l	# 11
32) 1,1,1-Trichloroethane	7.610	97	189	2.063	ug/l	# 35
37) Ethyl Acetate	6.982	43	78	2.953	ug/l	# 67
38) Carbon Tetrachloride	7.835	117	233	4.291	ug/l	# 13
39) Methylcyclohexane	9.097	83	641	10.044	ug/l	# 64
41) Methacrylonitrile	7.226	41	65	4.547	ug/l	# 1
43) Isopropyl Acetate	8.189	43	305	5.662	ug/l	# 47
44) Trichloroethene	8.884	130	117	3.151	ug/l	52
45) 1,2-Dichloropropane	9.146	63	515	13.422	ug/l	# 53
46) Dibromomethane	9.250	93	255	12.164	ug/l	# 1
47) Bromodichloromethane	9.414	83	470	8.447	ug/l	# 40
48) Methyl methacrylate	9.213	41	381	16.080	ug/l	# 65
49) 1,4-Dioxane	9.207	88	21	89.504	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.006	43	458	16.670	ug/l	98
52) Toluene	10.262	92	462	4.828	ug/l	80
53) t-1,3-Dichloropropene	10.414	75	93	1.858	ug/l	# 45
55) 1,1,2-Trichloroethane	10.591	97	1376	49.820	ug/l	# 27
56) Ethyl methacrylate	10.445	69	920	23.214	ug/l	# 50
57) 1,3-Dichloropropane	10.902	76	373	7.690	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.853	63	454	24.608	ug/l	89
59) 2-Hexanone	10.682	43	560	28.537	ug/l	73
60) Dibromochloromethane	10.835	129	242	6.827	ug/l	66
61) 1,2-Dibromoethane	10.999	107	196	7.853	ug/l	# 1
64) Tetrachloroethene	10.652	164	116	4.469	ug/l	# 1
65) Chlorobenzene	11.420	112	248	2.971	ug/l	# 60
66) 1,1,1,2-Tetrachloroethane	11.579	131	1272	45.046	ug/l	84
67) Ethyl Benzene	11.518	91	285	1.880	ug/l	# 44

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

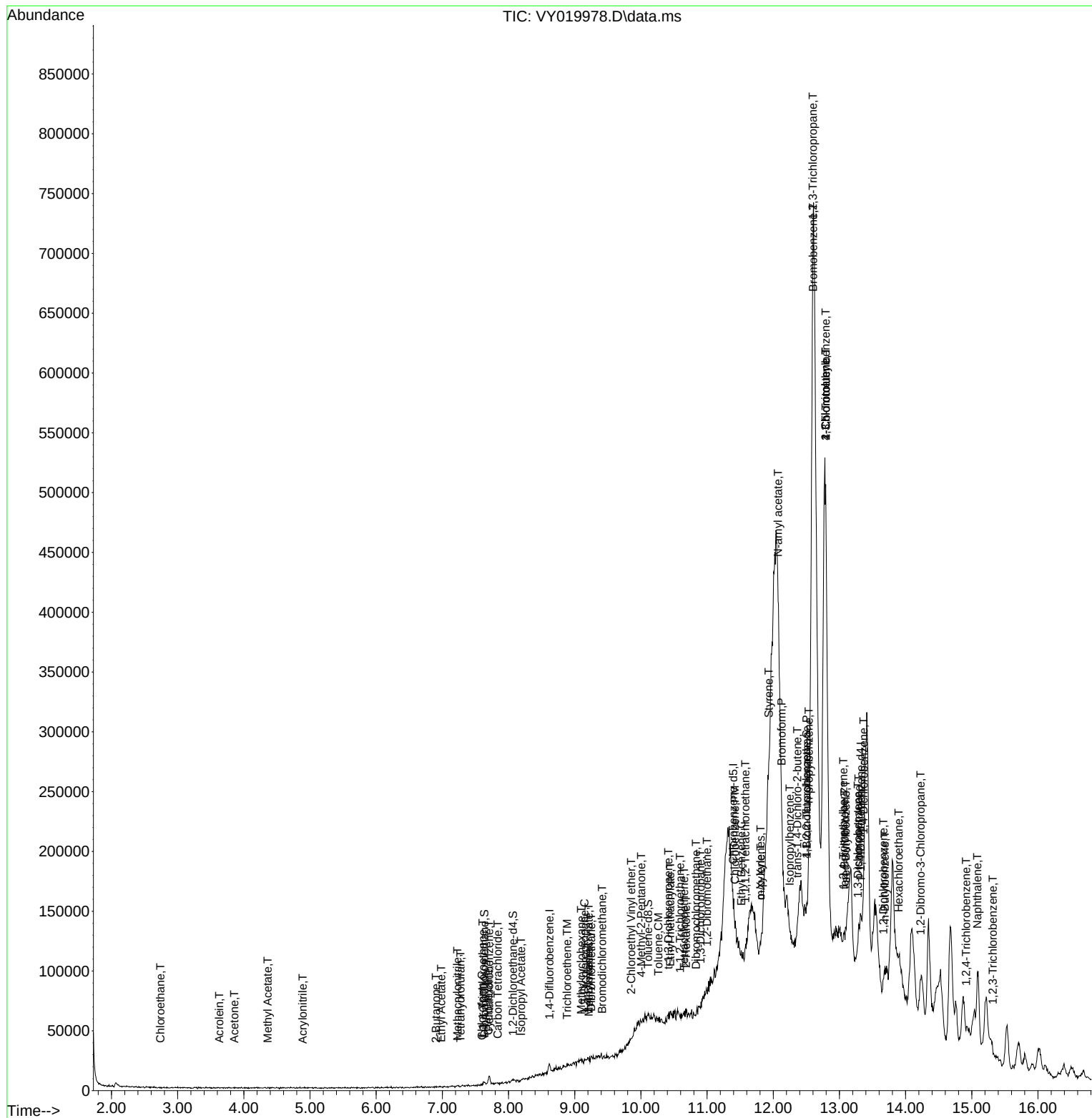
68) m/p-Xylenes	11.810	106	23025	411.211	ug/l #	1
69) o-Xylene	11.810	106	23195	431.146	ug/l #	1
70) Styrene	11.932	104	7671	84.514	ug/l #	45
71) Bromoform	12.127	173	220	14.554	ug/l #	27
73) Isopropylbenzene	12.249	105	1243	4.928	ug/l	80
74) N-amyl acetate	12.072	43	480	7.184	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.505	83	1796	40.069	ug/l #	44
76) 1,2,3-Trichloropropane	12.597	75	31684	539.301	ug/l #	100
77) Bromobenzene	12.603	156	652493	12189.326	ug/l #	1
78) n-propylbenzene	12.536	91	19643	64.444	ug/l #	55
79) 2-Chlorotoluene	12.792	91	6492	37.152	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.792	105	35491	174.216	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.365	75	194	13.329	ug/l #	1
82) 4-Chlorotoluene	12.792	91	6492	36.334	ug/l #	1
83) tert-Butylbenzene	13.078	119	953	5.222	ug/l	71
84) 1,2,4-Trimethylbenzene	13.060	105	1525	7.550	ug/l #	46
85) sec-Butylbenzene	13.097	105	1533	5.622	ug/l	94
86) p-Isopropyltoluene	13.292	119	970	4.381	ug/l #	17
87) 1,3-Dichlorobenzene	13.280	146	275	2.544	ug/l #	1
88) 1,4-Dichlorobenzene	13.365	146	691	6.507	ug/l #	40
89) n-Butylbenzene	13.688	91	1780	8.233	ug/l #	61
90) Hexachloroethane	13.895	117	579	13.429	ug/l	75
91) 1,2-Dichlorobenzene	13.664	146	419	4.411	ug/l #	47
92) 1,2-Dibromo-3-Chloropr...	14.224	75	964	134.761	ug/l #	20
93) 1,2,4-Trichlorobenzene	14.913	180	57	1.070	ug/l #	12
95) Naphthalene	15.084	128	5989	59.620	ug/l #	17
96) 1,2,3-Trichlorobenzene	15.316	180	55	1.222	ug/l #	1

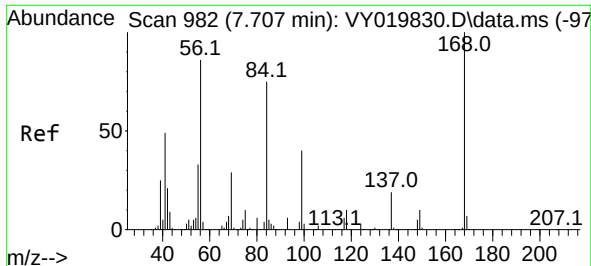
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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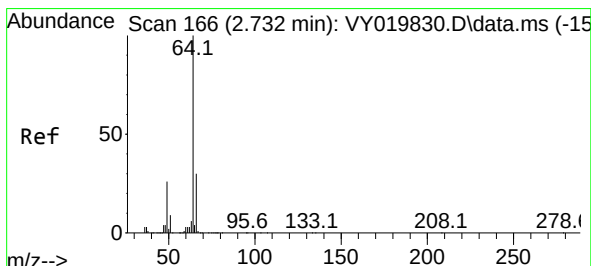
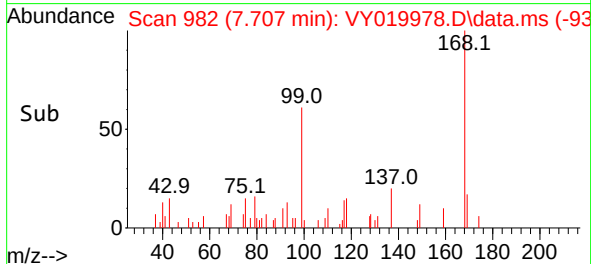
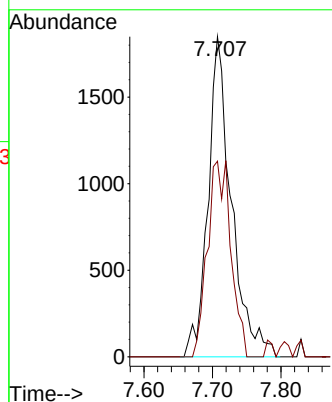
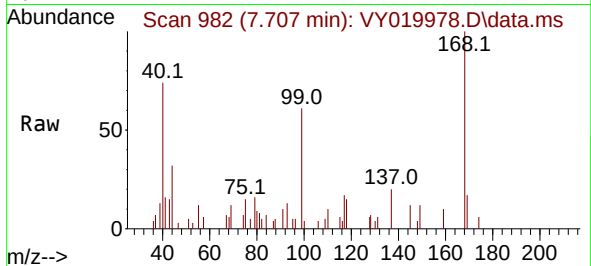




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

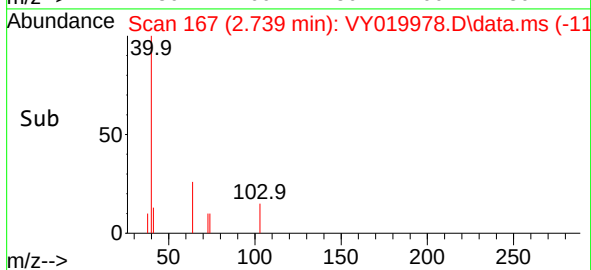
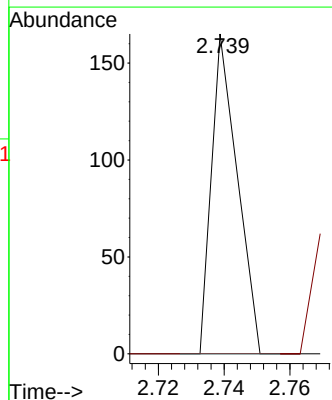
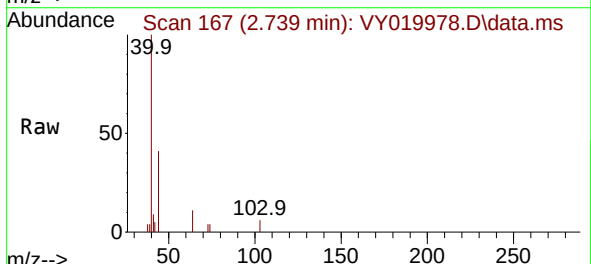
Instrument :
MSVOA_Y
ClientSampleId :

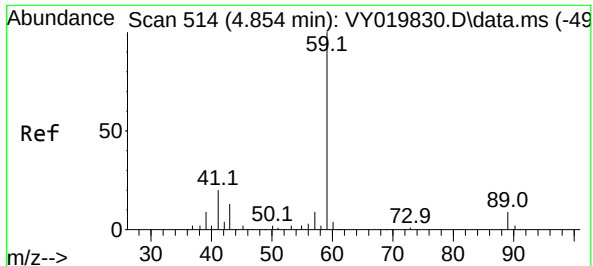
Tgt Ion:168 Resp: 4375
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#6
Chloroethane
Concen: 2.297 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

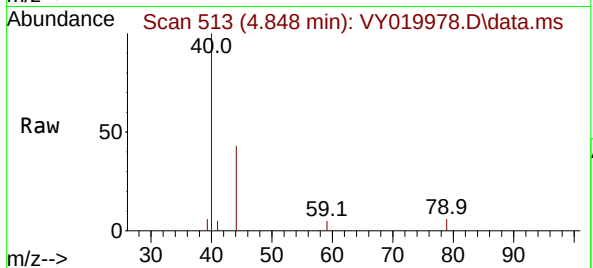
Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



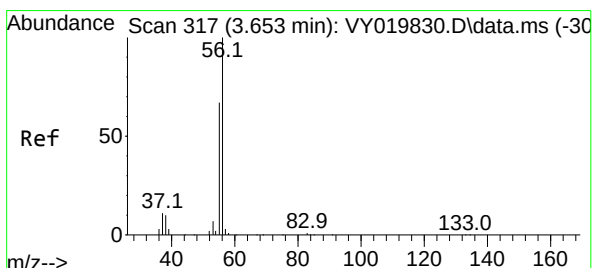
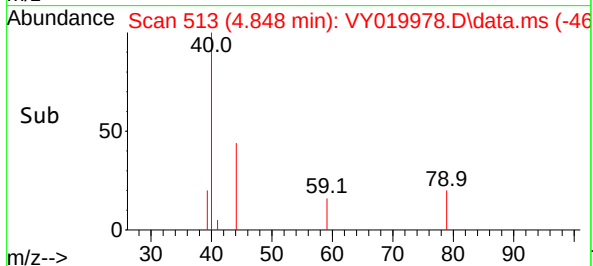
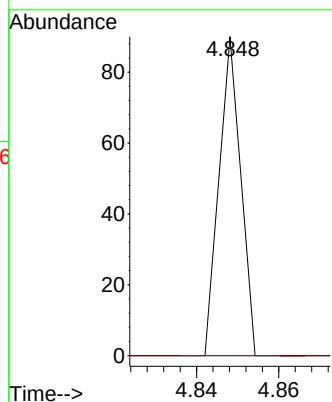


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

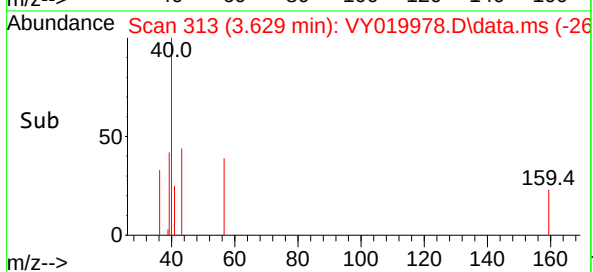
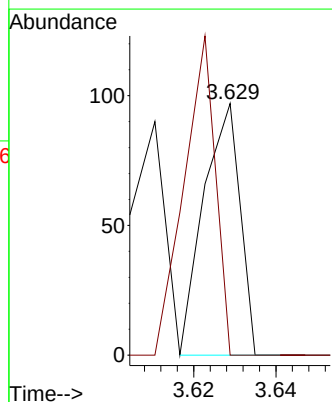
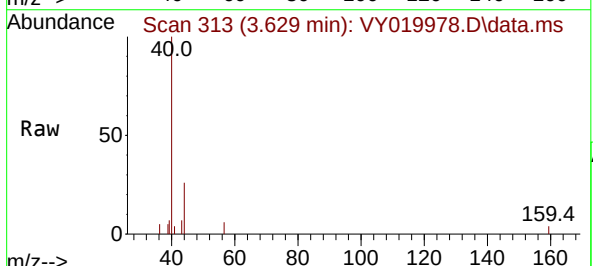


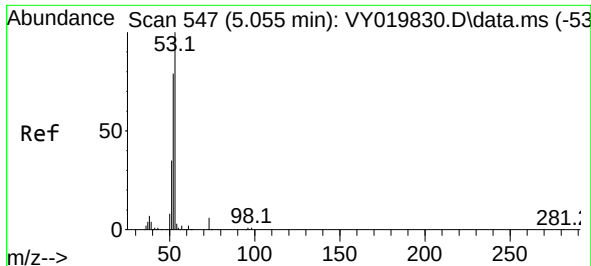
Tgt Ion: 59 Resp: 33
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: 15.158 ug/l
RT: 3.629 min Scan# 313
Delta R.T. -0.024 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

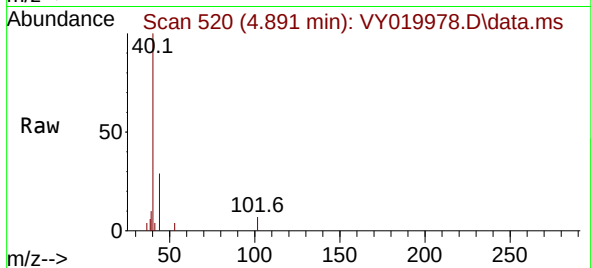
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 108.3 55.7 83.5#



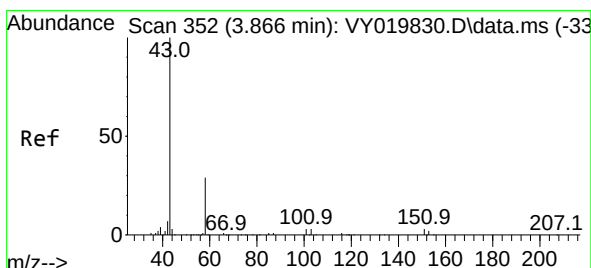
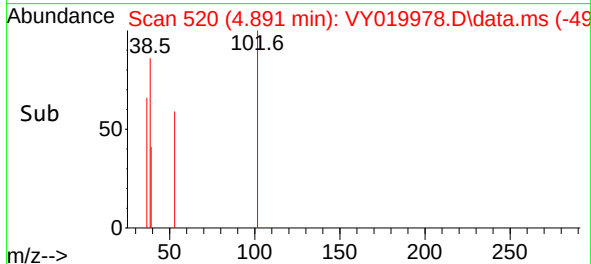
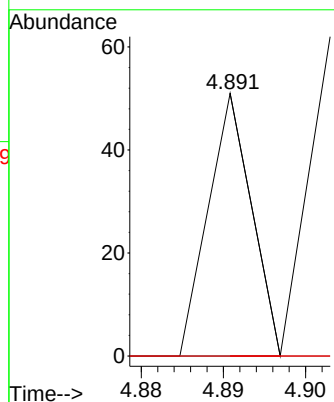


#15
Acrylonitrile
Concen: 1.575 ug/l
RT: 4.891 min Scan# 51
Delta R.T. -0.164 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

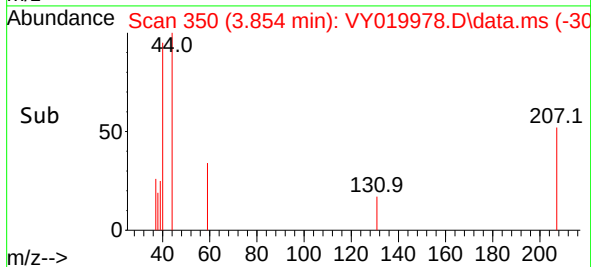
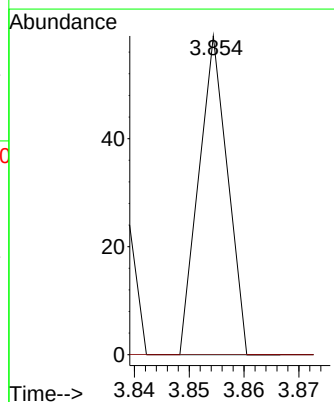
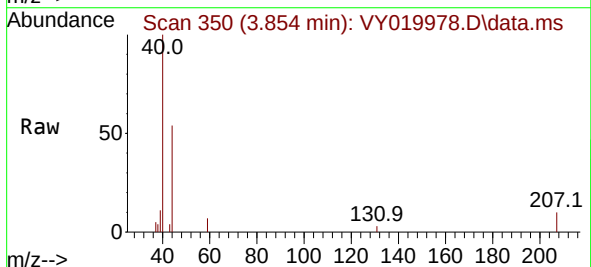


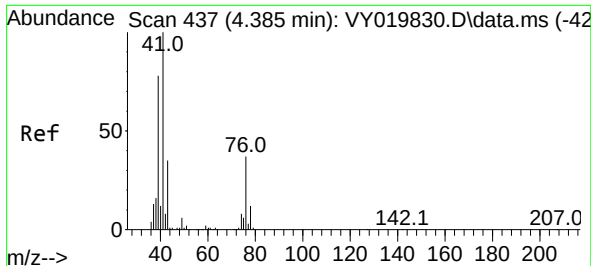
Tgt Ion: 53 Resp: 19
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.569 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

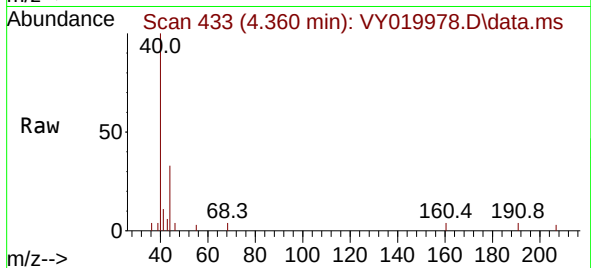
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



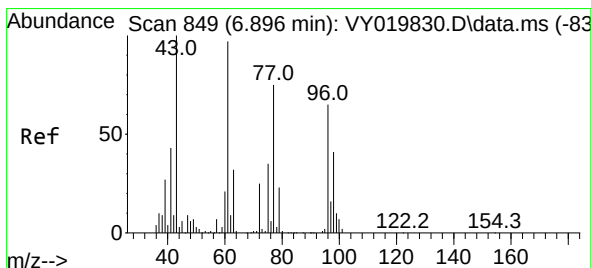
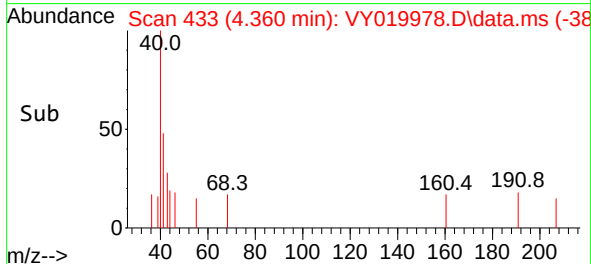
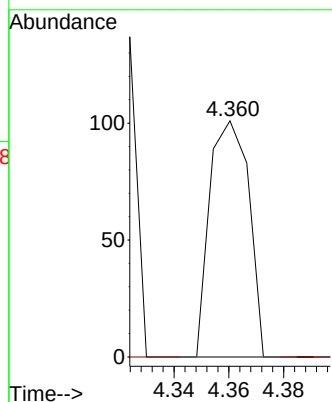


#18
Methyl Acetate
Concen: 3.310 ug/l
RT: 4.360 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

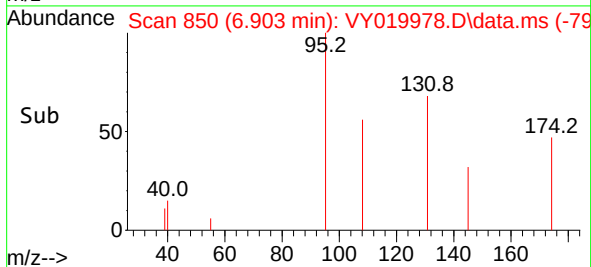
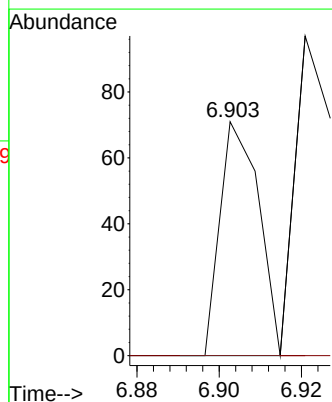
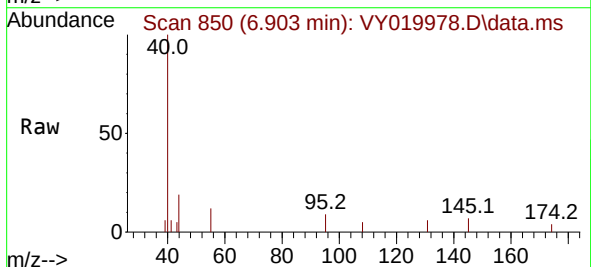


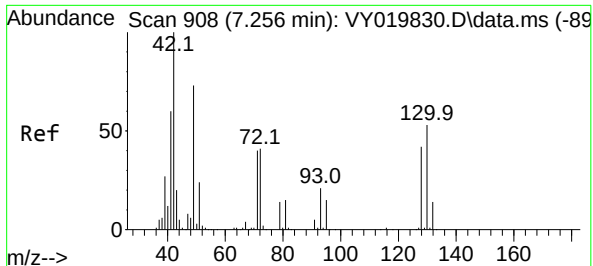
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#25
2-Butanone
Concen: 2.451 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#29

Tetrahydrofuran

Concen: 2.706 ug/l

RT: 7.275 min Scan# 911

Delta R.T. 0.013 min

Lab File: VY019978.D

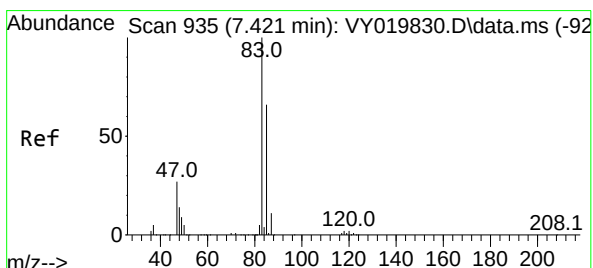
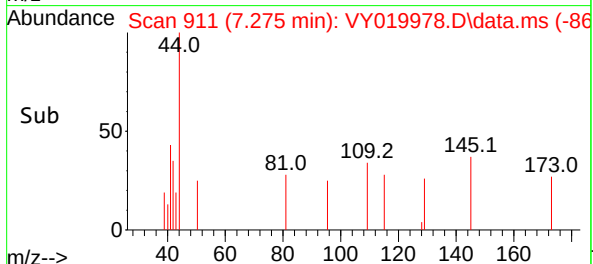
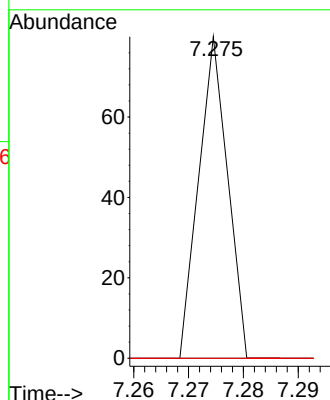
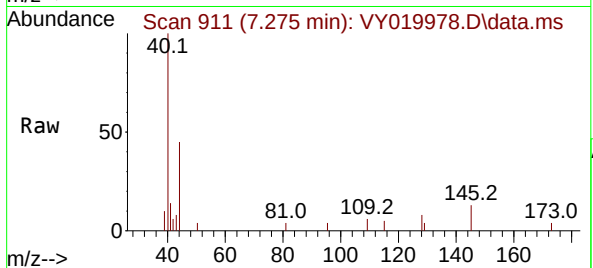
Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 29
Ion Ratio	Lower Upper
42	100
72	0.0 43.0 64.4#
71	0.0 40.8 61.2#



#30

Chloroform

Concen: 1.129 ug/l

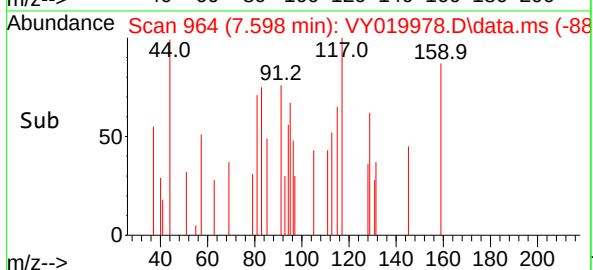
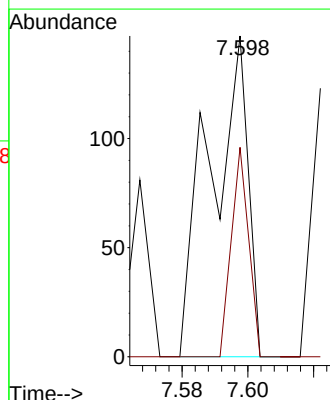
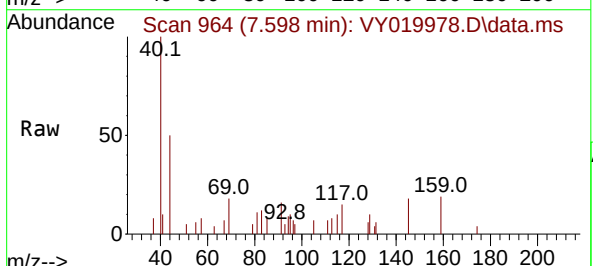
RT: 7.598 min Scan# 964

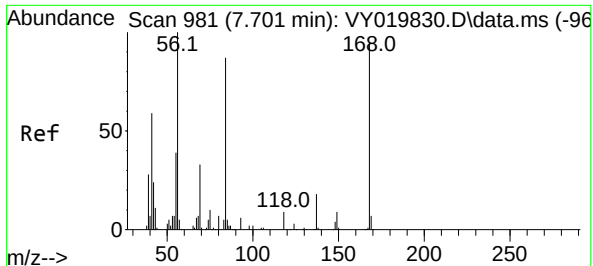
Delta R.T. 0.177 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Tgt Ion: 83	Resp: 118
Ion Ratio	Lower Upper
83	100
85	65.3 52.2 78.4

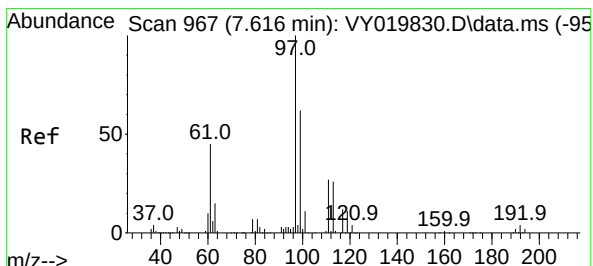
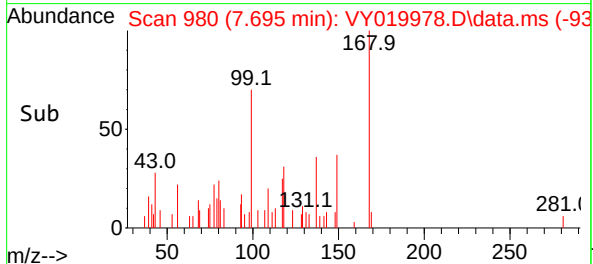
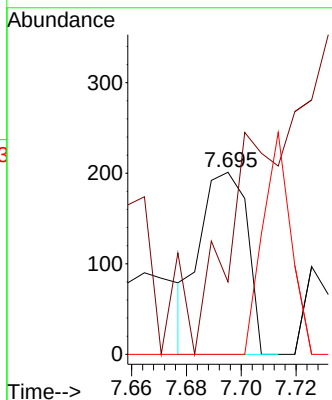
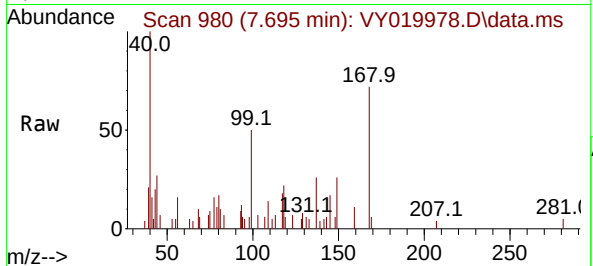




#31
Cyclohexane
Concen: 2.666 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
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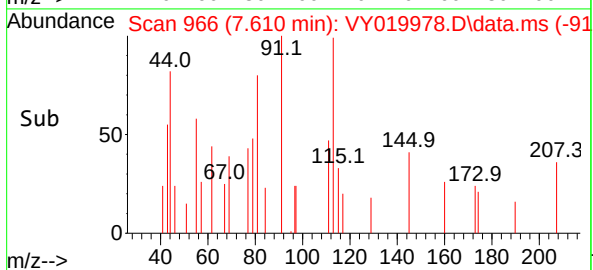
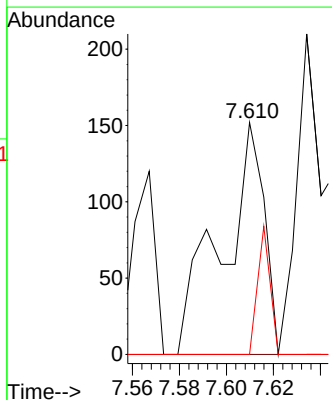
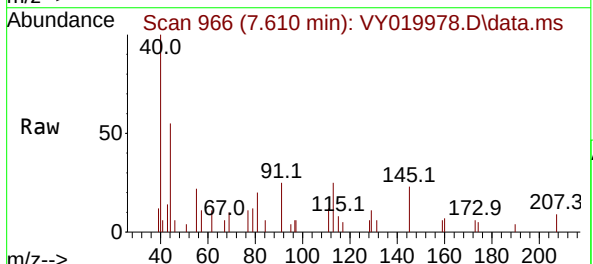
Instrument :
MSVOA_Y
ClientSampleId :

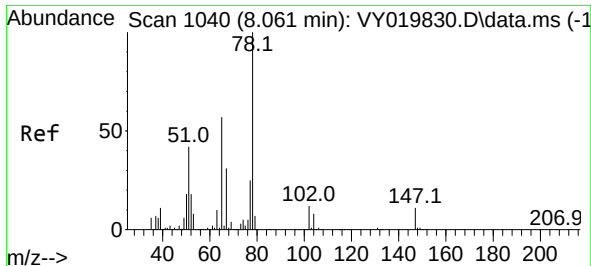
Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.063 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 97 Resp: 189
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 16.4 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 23.910 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.007 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

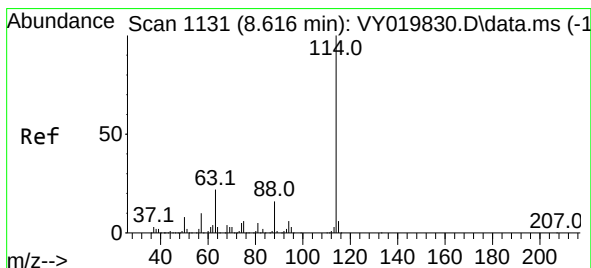
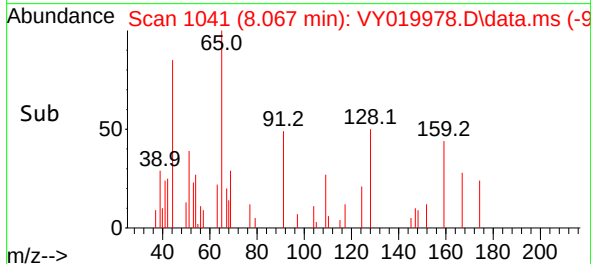
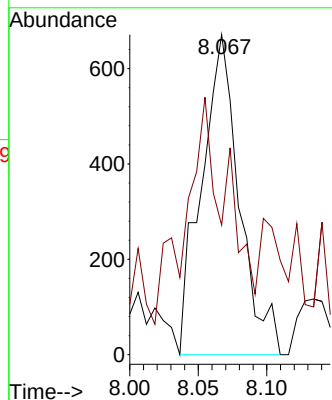
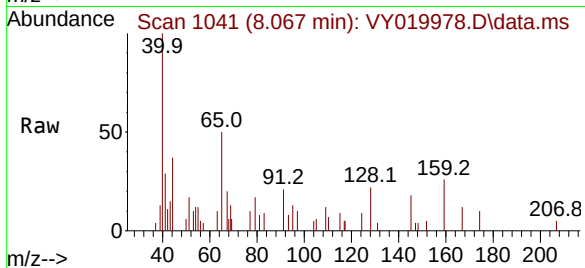
ClientSampleId :

Tgt Ion: 65 Resp: 1288

Ion Ratio Lower Upper

65 100

67 56.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

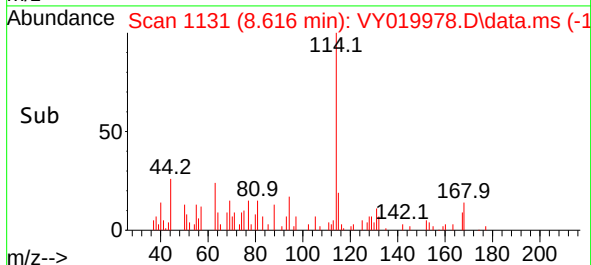
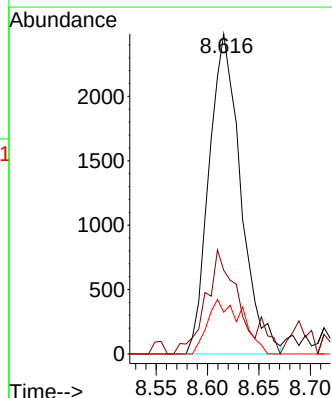
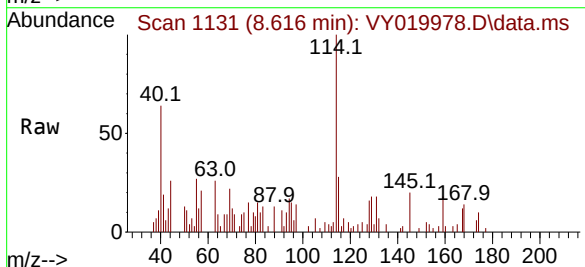
Tgt Ion: 114 Resp: 5328

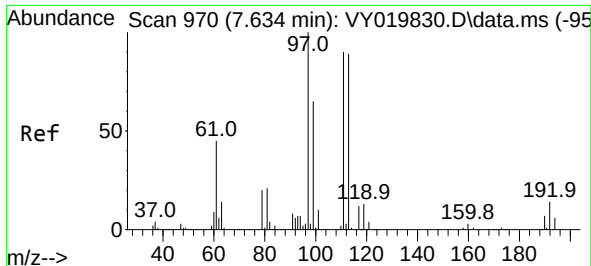
Ion Ratio Lower Upper

114 100

63 26.2 0.0 35.0

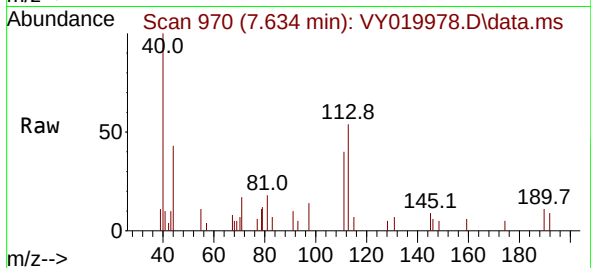
88 13.0 0.0 27.2



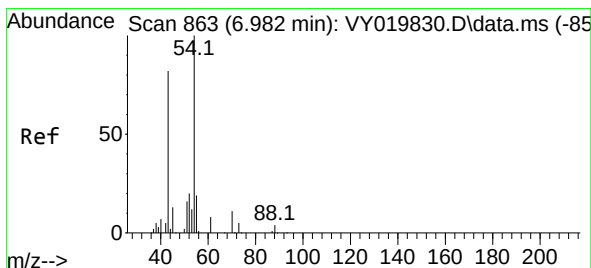
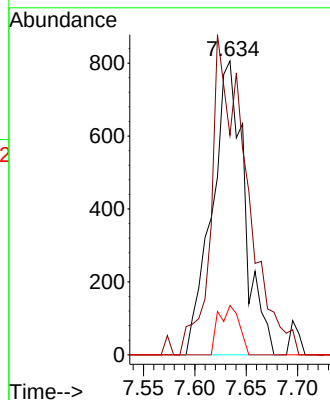
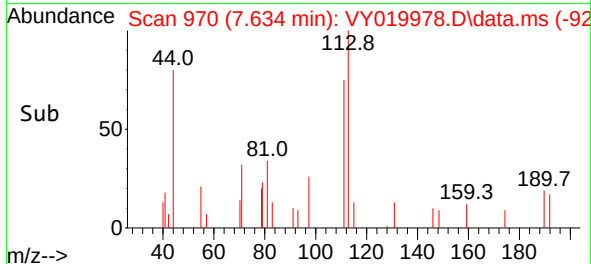


#35
Dibromofluoromethane
Concen: 50.400 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

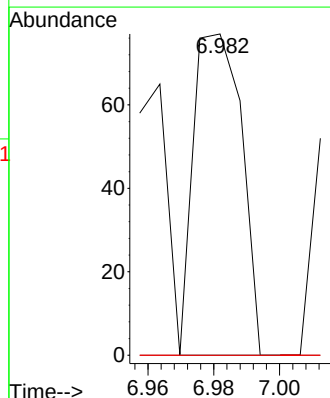
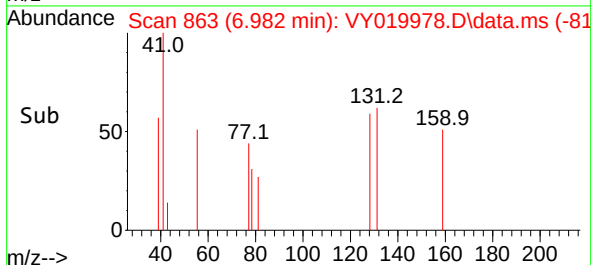
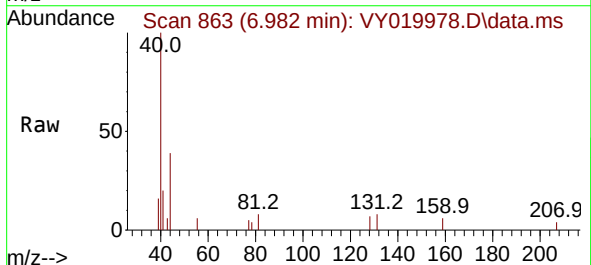


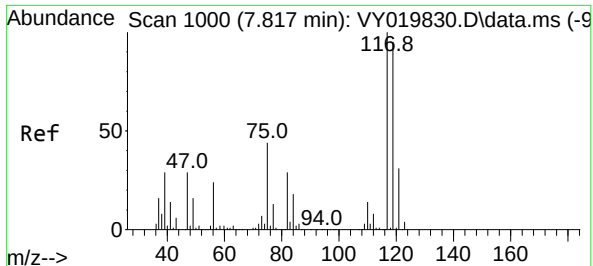
Tgt Ion:113 Resp: 1772
Ion Ratio Lower Upper
113 100
111 118.2 82.2 123.4
192 10.6 15.9 23.9#



#37
Ethyl Acetate
Concen: 2.953 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 4.291 ug/l

RT: 7.835 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

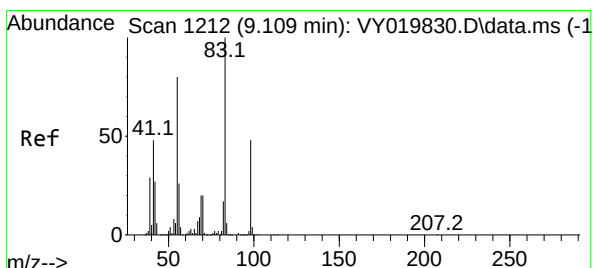
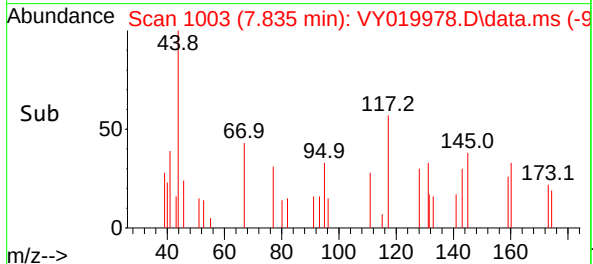
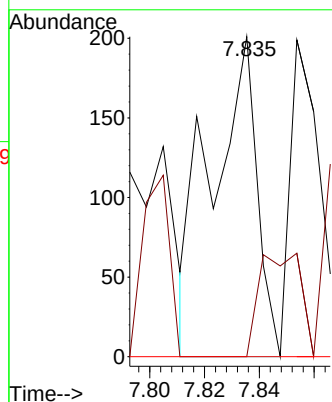
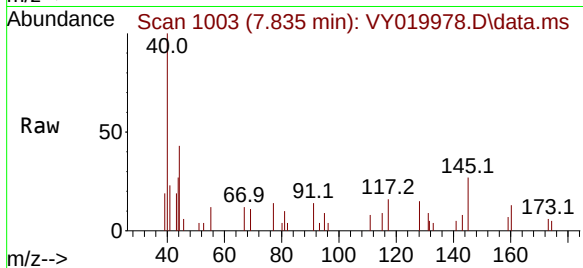
Tgt Ion:117 Resp: 233

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#39

Methylcyclohexane

Concen: 10.044 ug/l

RT: 9.097 min Scan# 1210

Delta R.T. -0.012 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

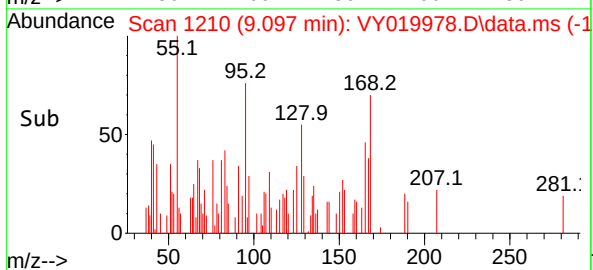
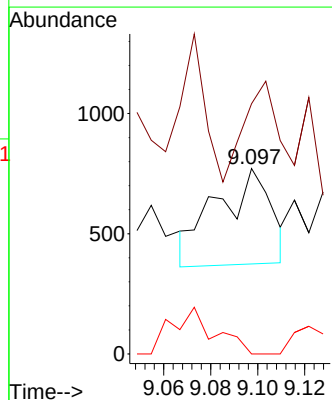
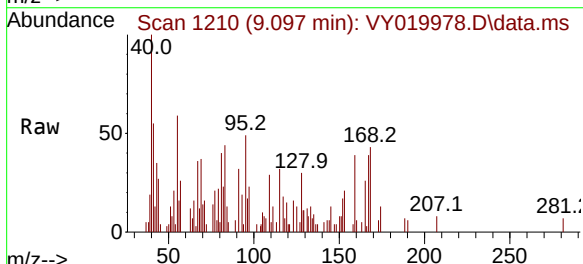
Tgt Ion: 83 Resp: 641

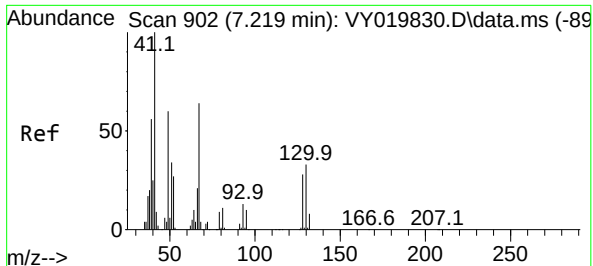
Ion Ratio Lower Upper

83 100

55 58.8 51.5 77.3

98 0.0 40.5 60.7#





#41

Methacrylonitrile

Concen: 4.547 ug/l

RT: 7.226 min Scan# 90

Delta R.T. 0.007 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 41 Resp: 65

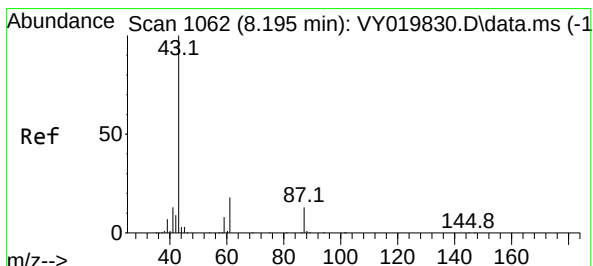
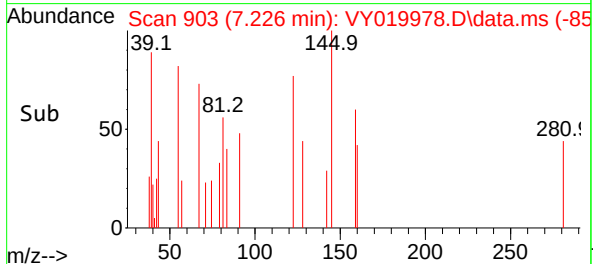
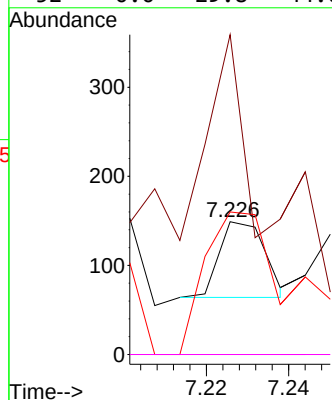
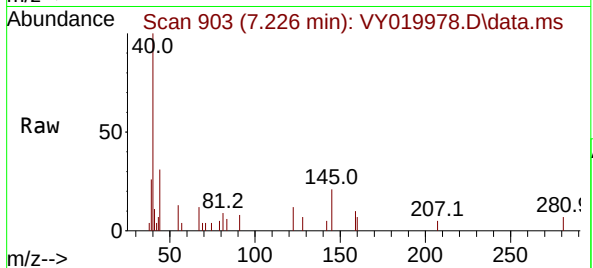
Ion Ratio Lower Upper

41 100

39 950.8 48.0 72.0#

67 398.5 75.1 112.7#

52 0.0 29.8 44.6#



#43

Isopropyl Acetate

Concen: 5.662 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

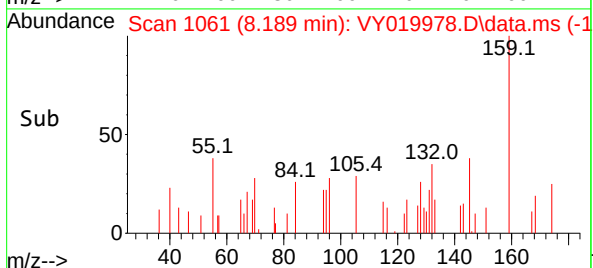
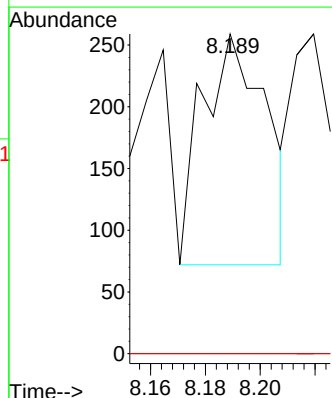
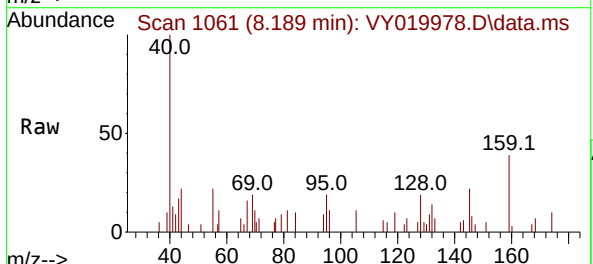
Tgt Ion: 43 Resp: 305

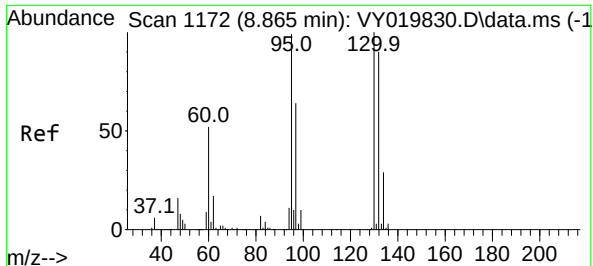
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#

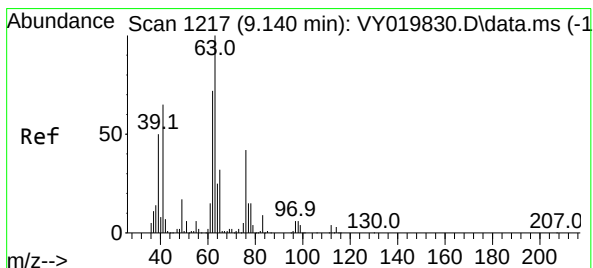
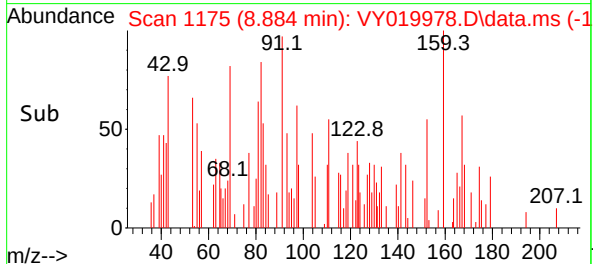
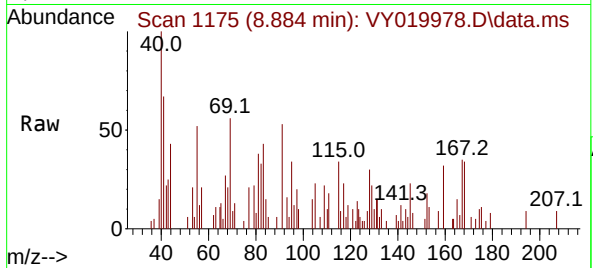




#44
Trichloroethene
Concen: 3.151 ug/l
RT: 8.884 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

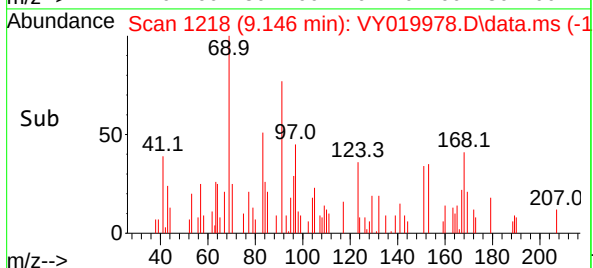
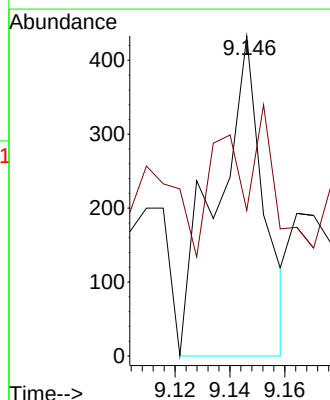
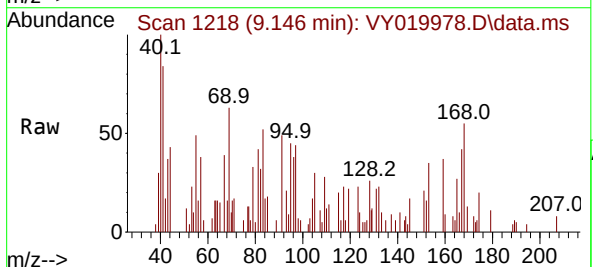
Instrument :
MSVOA_Y
ClientSampleId :

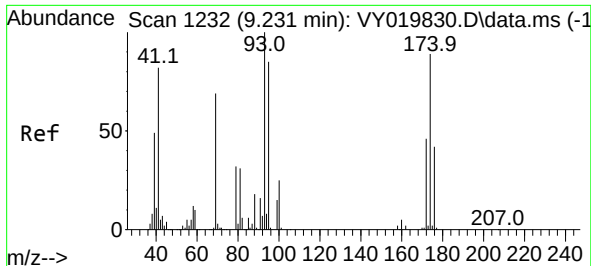
Tgt Ion:130 Resp: 117
Ion Ratio Lower Upper
130 100
95 140.5 0.0 188.0



#45
1,2-Dichloropropane
Concen: 13.422 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.007 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 63 Resp: 515
Ion Ratio Lower Upper
63 100
65 5.8 25.4 38.2#

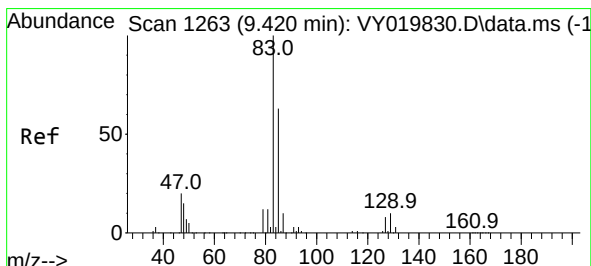
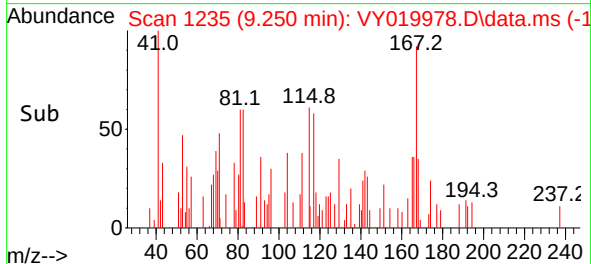
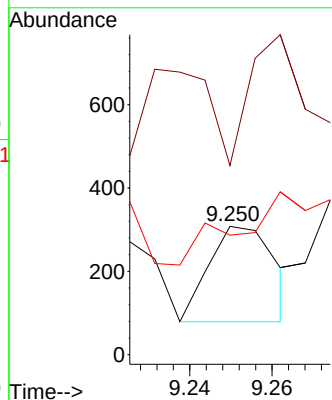
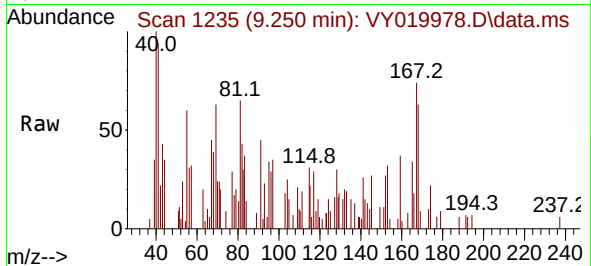




#46
Dibromomethane
Concen: 12.164 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.019 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

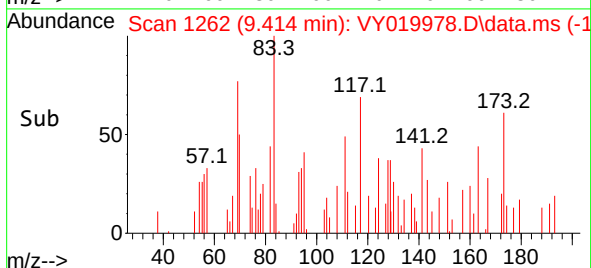
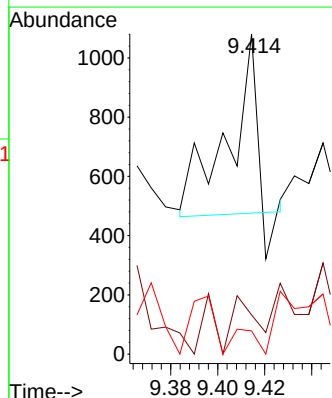
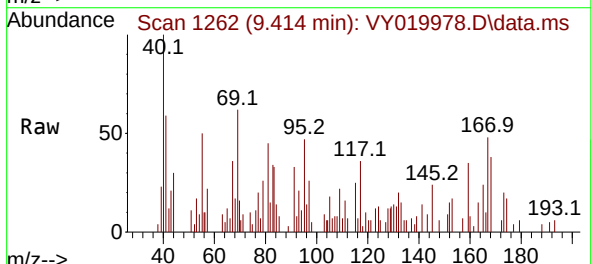
Instrument :
MSVOA_Y
ClientSampleId :

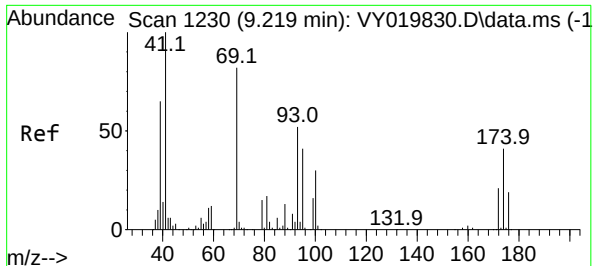
Tgt Ion: 93 Resp: 255
Ion Ratio Lower Upper
93 100
95 176.1 66.2 99.4#
174 0.0 80.9 121.3#



#47
Bromodichloromethane
Concen: 8.447 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. -0.012 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 83 Resp: 470
Ion Ratio Lower Upper
83 100
85 10.3 50.1 75.1#
127 13.1 7.4 11.0#





#48

Methyl methacrylate

Concen: 16.080 ug/l

RT: 9.213 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

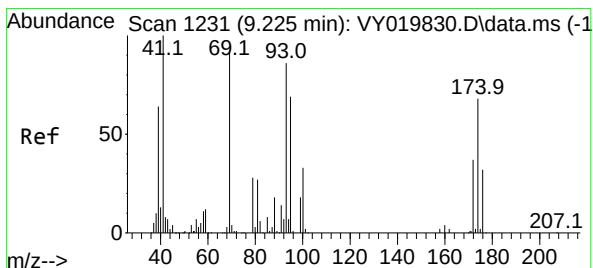
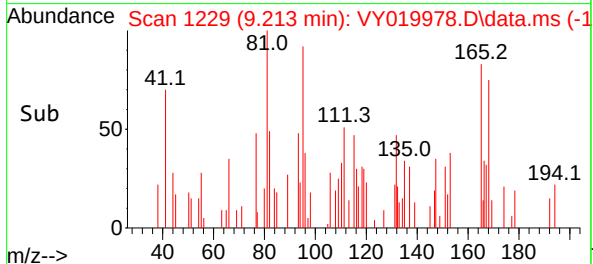
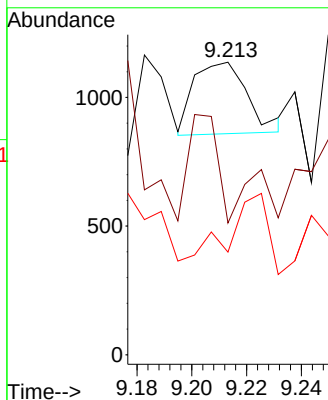
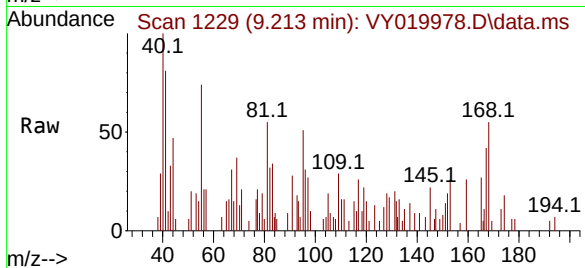
Tgt Ion: 41 Resp: 381

Ion Ratio Lower Upper

41 100

69 91.6 84.1 126.1

39 0.0 43.6 65.4#



#49

1,4-Dioxane

Concen: 89.504 ug/l

RT: 9.207 min Scan# 1228

Delta R.T. -0.024 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

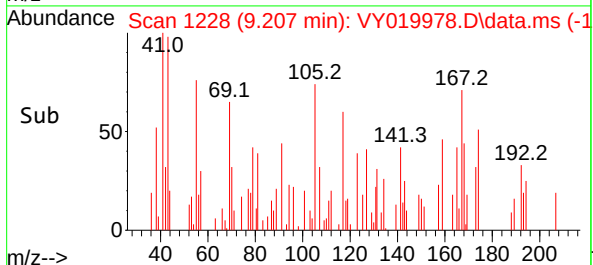
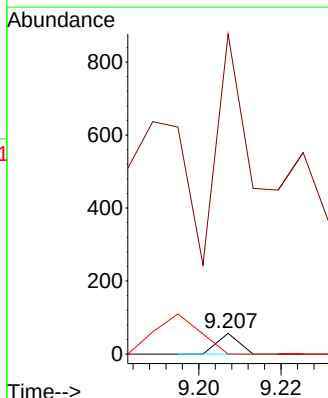
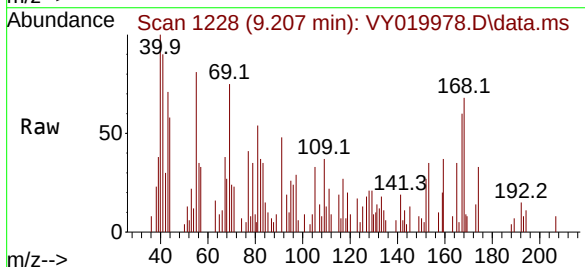
Tgt Ion: 88 Resp: 21

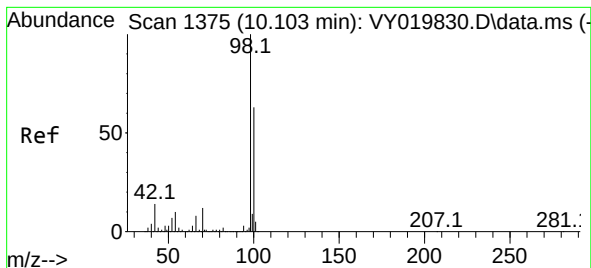
Ion Ratio Lower Upper

88 100

43 1823.8 0.0 0.0#

58 509.5 49.3 73.9#

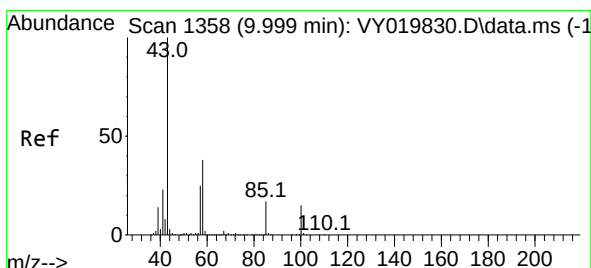
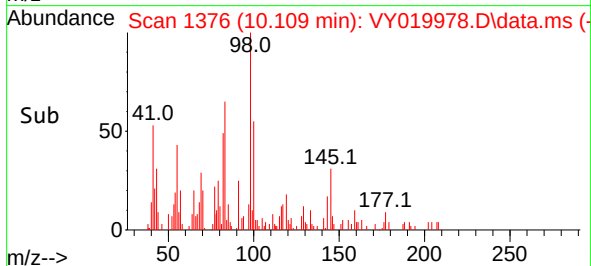
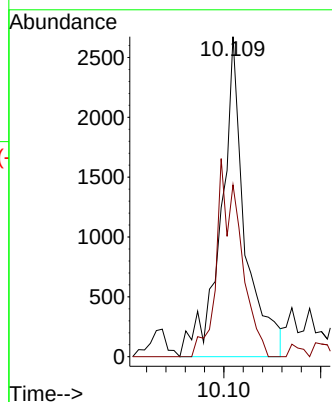
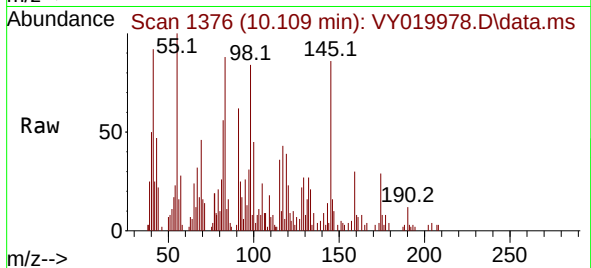




#50
Toluene-d8
Concen: 35.406 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

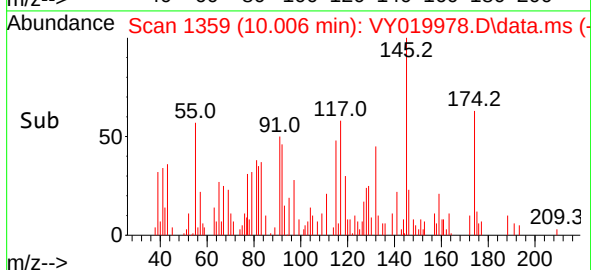
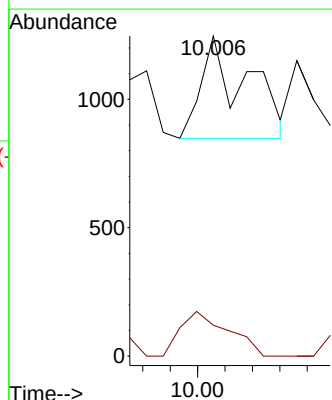
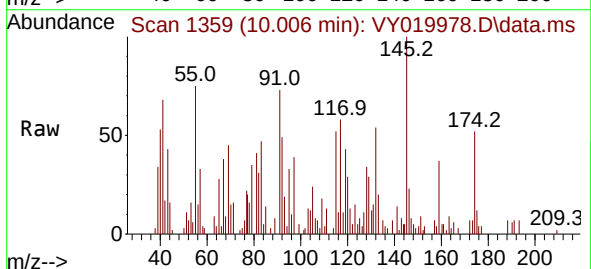
Instrument :
MSVOA_Y
ClientSampleId :

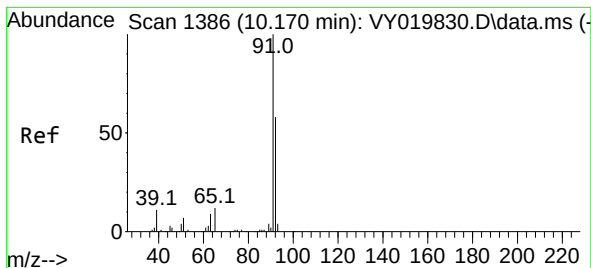
Tgt Ion: 98 Resp: 4597
Ion Ratio Lower Upper
98 100
100 61.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 16.670 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.007 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 46.1 35.7 53.5





#52

Toluene

Concen: 4.828 ug/l

RT: 10.262 min Scan# 1401

Delta R.T. 0.092 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

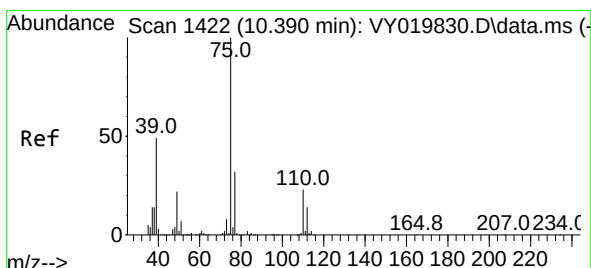
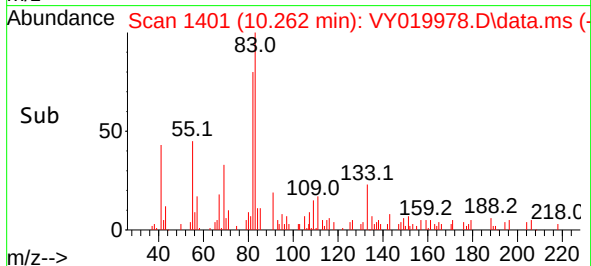
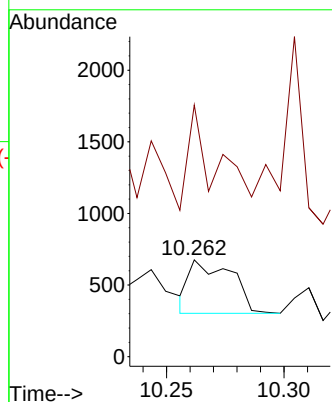
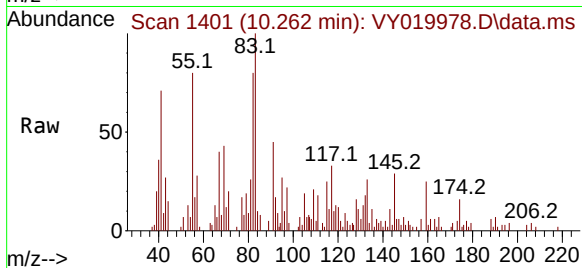
ClientSampleId :

Tgt Ion: 92 Resp: 462

Ion Ratio Lower Upper

92 100

91 146.1 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 1.858 ug/l

RT: 10.414 min Scan# 1426

Delta R.T. 0.019 min

Lab File: VY019978.D

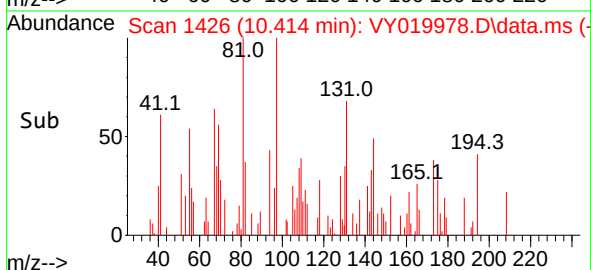
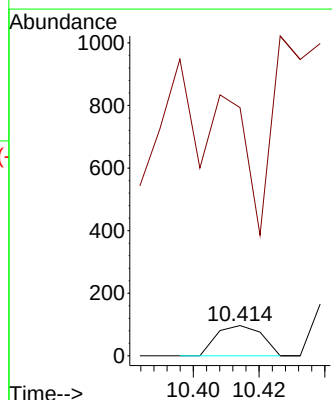
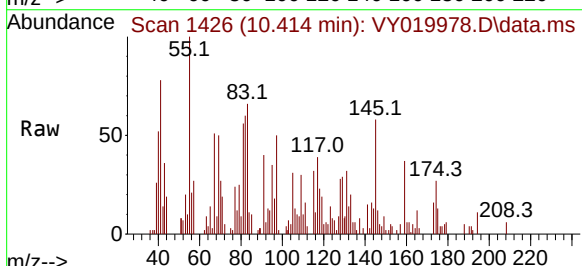
Acq: 22 Oct 2024 13:59

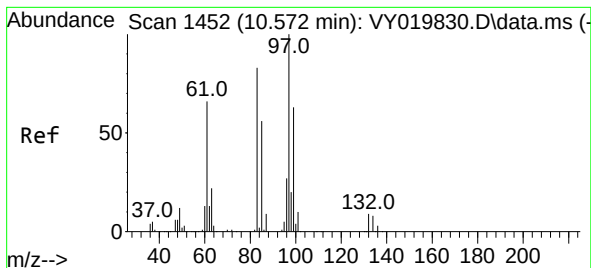
Tgt Ion: 75 Resp: 93

Ion Ratio Lower Upper

75 100

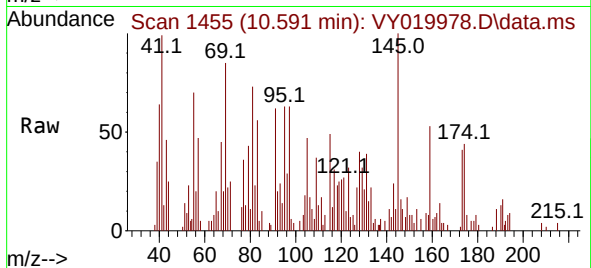
77 0.0 24.1 36.1#



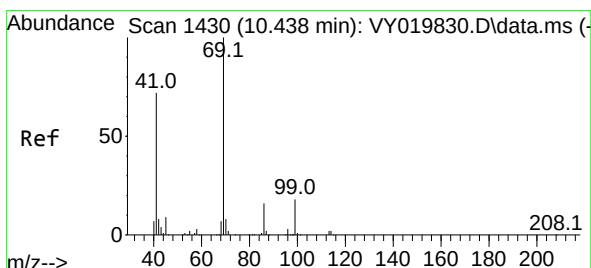
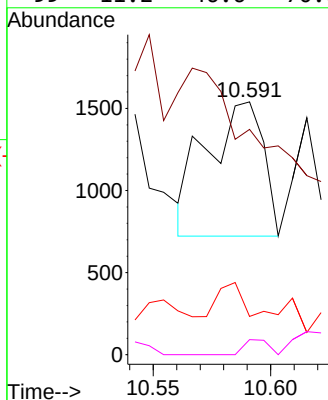
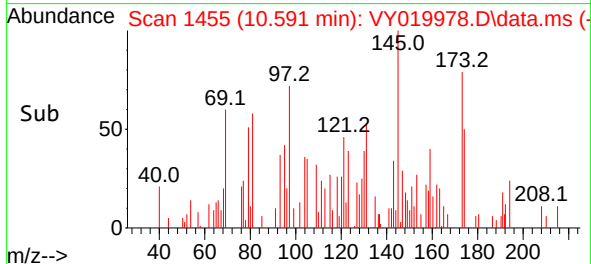


#55
1,1,2-Trichloroethane
Concen: 49.820 ug/l
RT: 10.591 min Scan# 1455
Delta R.T. 0.019 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

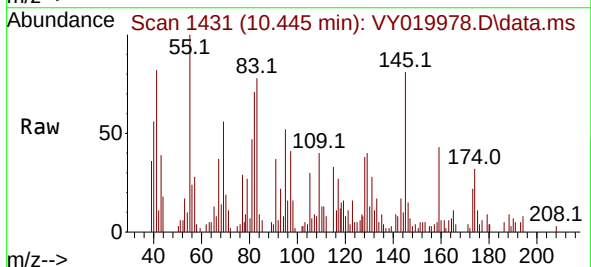
Instrument :
MSVOA_Y
ClientSampleId :



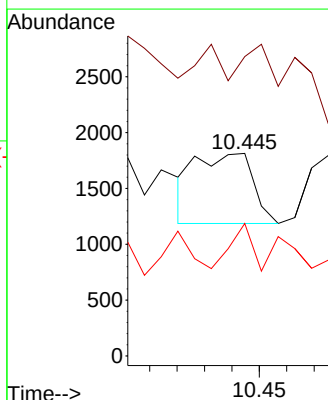
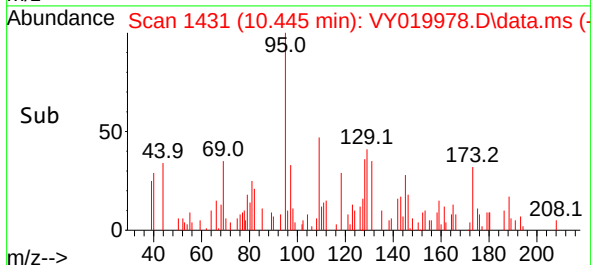
Tgt Ion: 97 Resp: 1376
Ion Ratio Lower Upper
97 100
83 12.2 67.5 101.3#
85 0.0 42.9 64.3#
99 11.2 46.6 70.0#

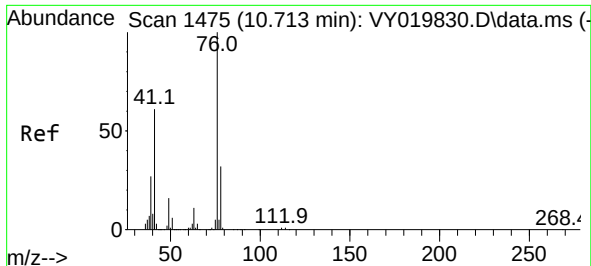


#56
Ethyl methacrylate
Concen: 23.214 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.007 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59



Tgt Ion: 69 Resp: 920
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 25.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 7.690 ug/l

RT: 10.902 min Scan# 11

Delta R.T. 0.183 min

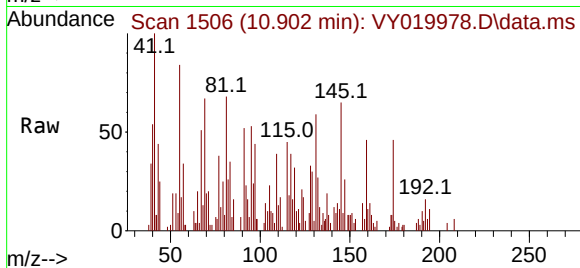
Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

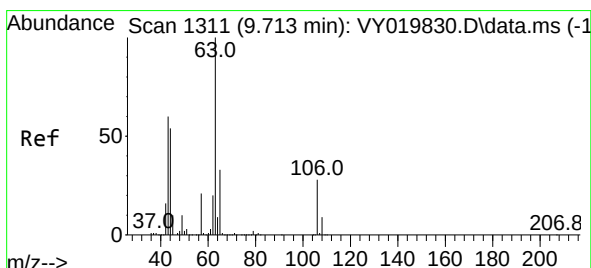
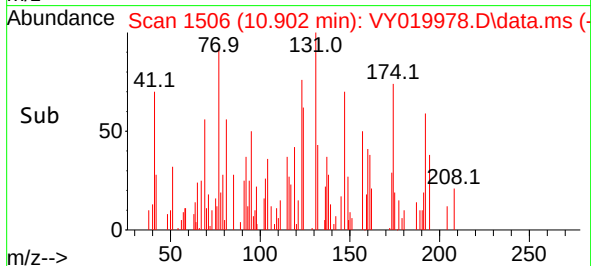
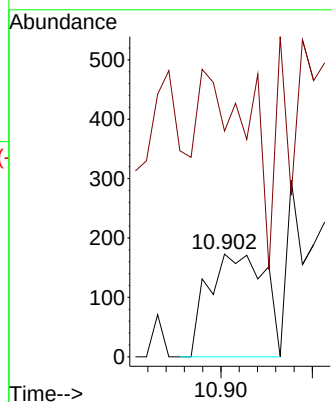


Tgt Ion: 76 Resp: 373

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 24.608 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.141 min

Lab File: VY019978.D

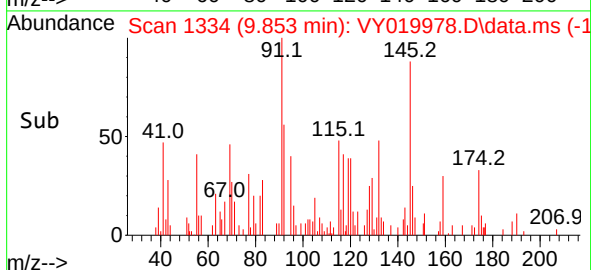
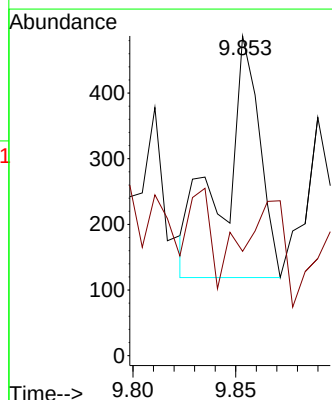
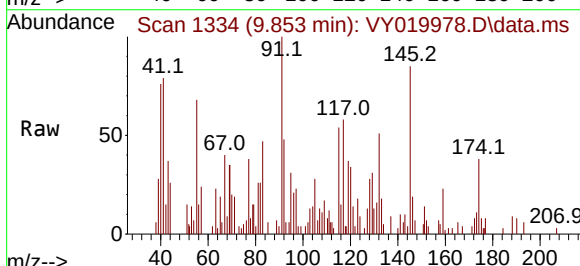
Acq: 22 Oct 2024 13:59

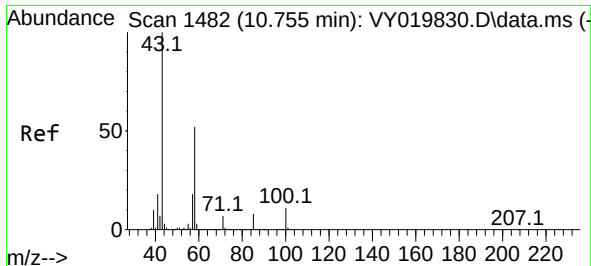
Tgt Ion: 63 Resp: 454

Ion Ratio Lower Upper

63 100

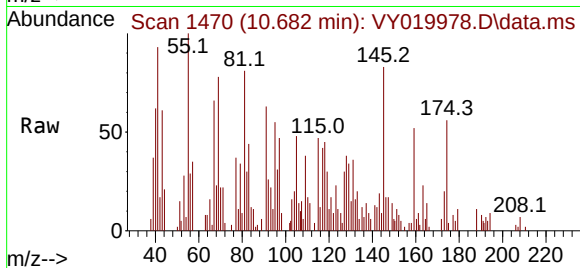
106 35.5 23.7 35.5



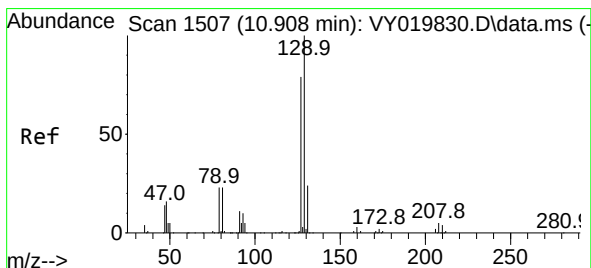
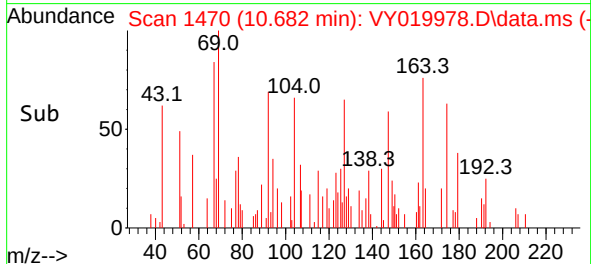
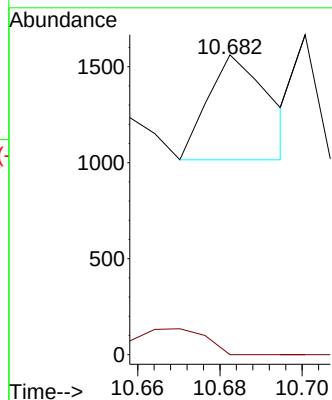


#59
2-Hexanone
Concen: 28.537 ug/l
RT: 10.682 min Scan# 1470
Delta R.T. -0.079 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

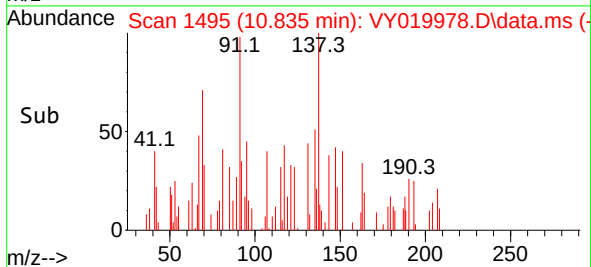
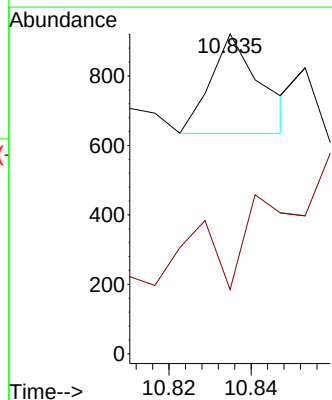
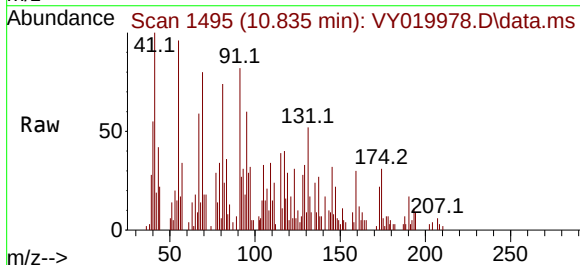


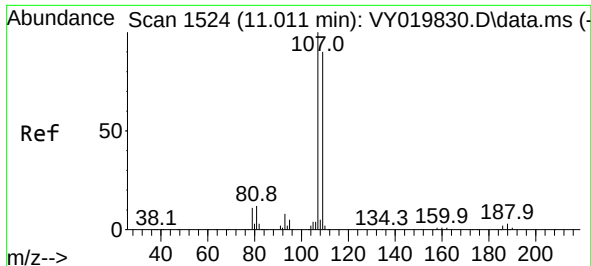
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 42.1 31.4 94.0



#60
Dibromochloromethane
Concen: 6.827 ug/l
RT: 10.835 min Scan# 1495
Delta R.T. -0.079 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 129 Resp: 242
Ion Ratio Lower Upper
129 100
127 48.3 39.0 117.0

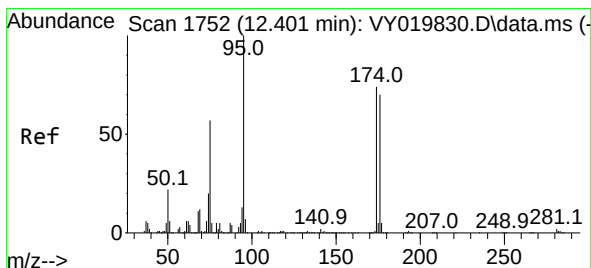
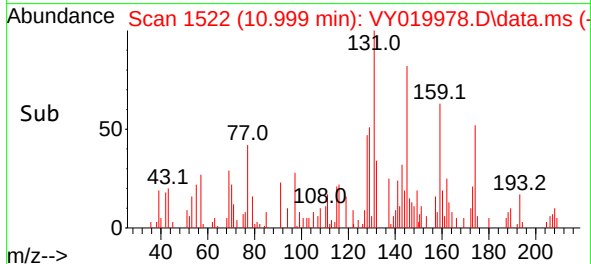
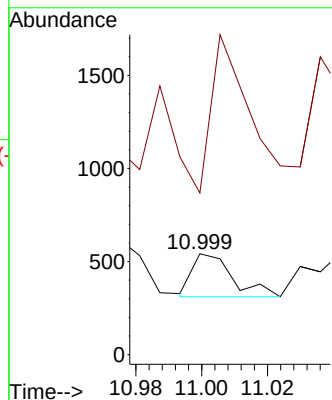
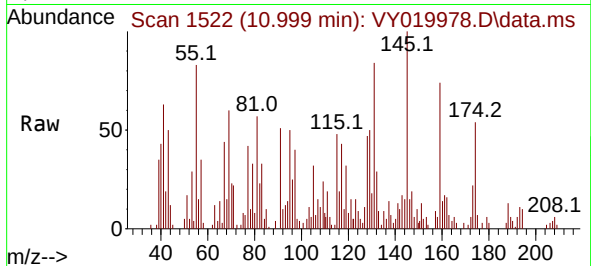




#61
1,2-Dibromoethane
Concen: 7.853 ug/l
RT: 10.999 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

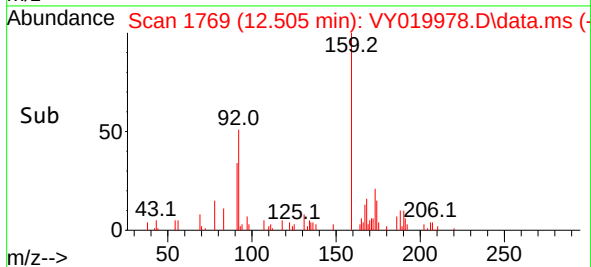
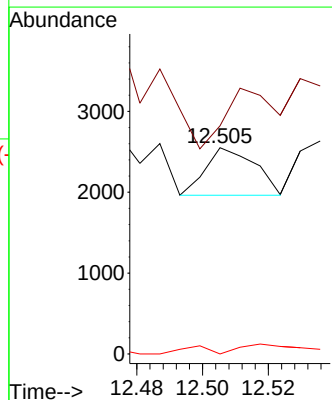
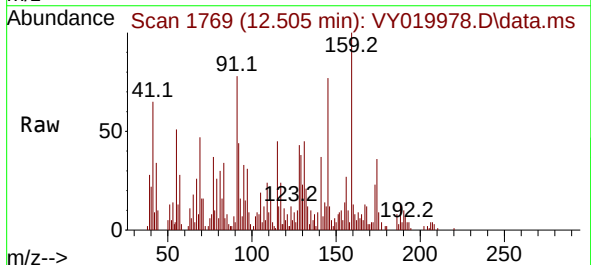
Instrument :
MSVOA_Y
ClientSampleId :

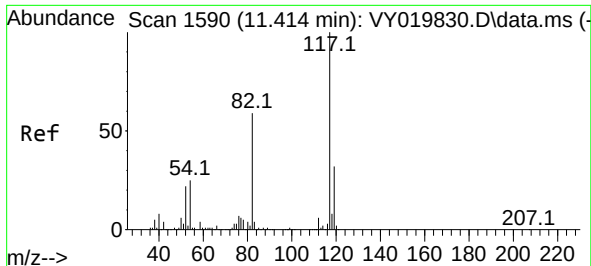
Tgt Ion:107 Resp: 196
Ion Ratio Lower Upper
107 100
109 537.2 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 12.960 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.098 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 95 Resp: 608
Ion Ratio Lower Upper
95 100
174 126.8 0.0 175.6
176 26.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.396 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

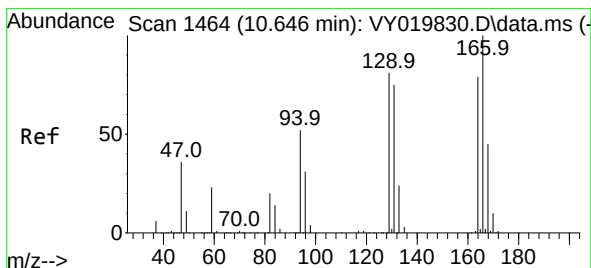
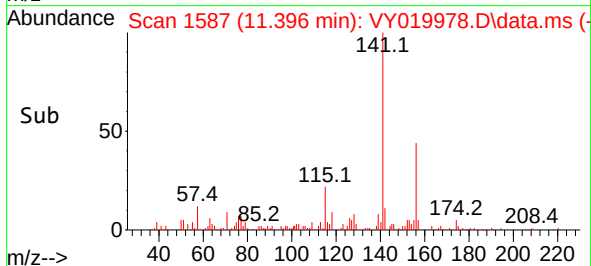
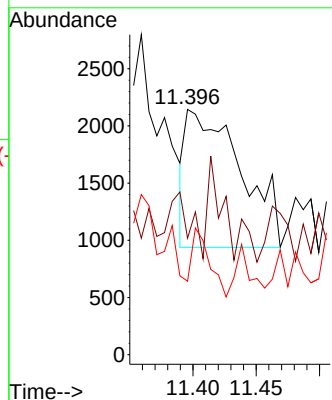
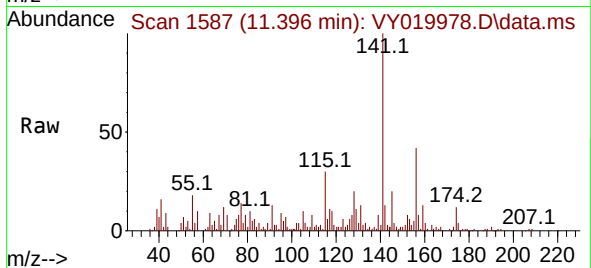
Tgt Ion:117 Resp: 3649

Ion Ratio Lower Upper

117 100

82 0.0 42.4 63.6#

119 0.0 25.9 38.9#



#64

Tetrachloroethene

Concen: 4.469 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Tgt Ion:164 Resp: 116

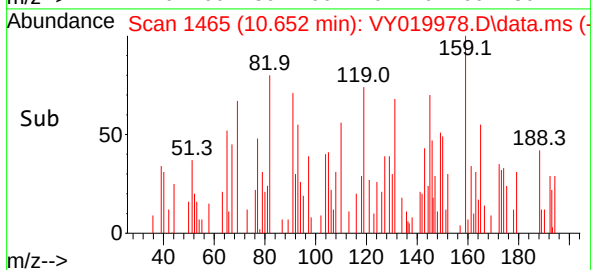
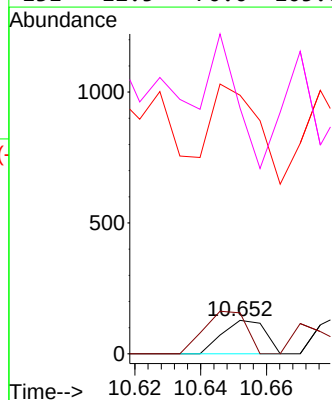
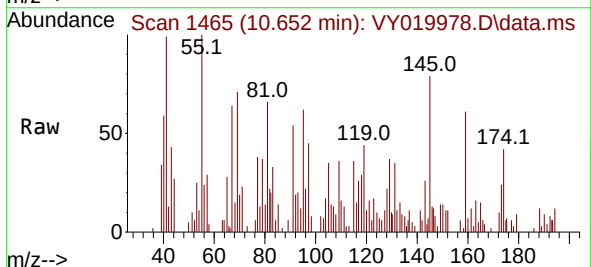
Ion Ratio Lower Upper

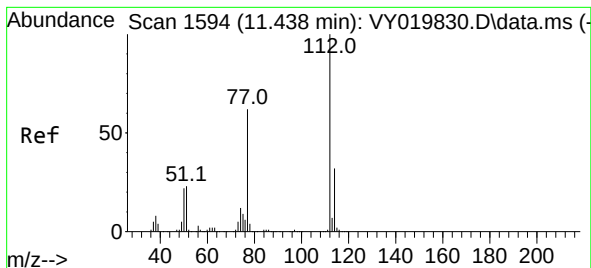
164 100

166 205.5 102.6 154.0#

129 265.6 72.0 108.0#

131 12.5 70.0 105.0#





#65

Chlorobenzene

Concen: 2.971 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

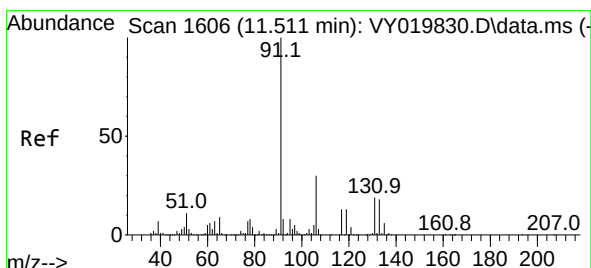
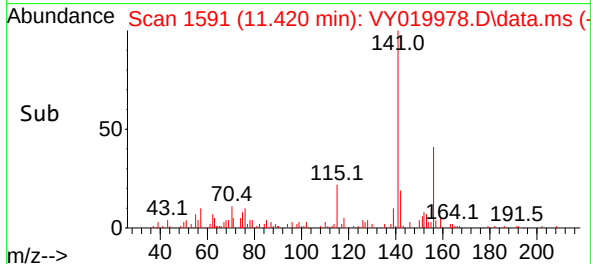
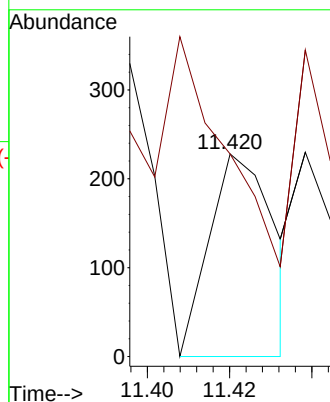
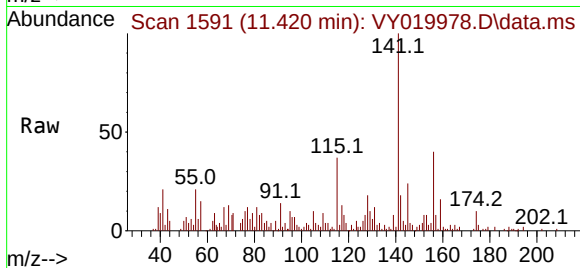
ClientSampleId :

Tgt Ion:112 Resp: 248

Ion Ratio Lower Upper

112 100

114 55.7 26.4 39.6#



#66

1,1,1,2-Tetrachloroethane

Concen: 45.046 ug/l

RT: 11.579 min Scan# 1617

Delta R.T. 0.061 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

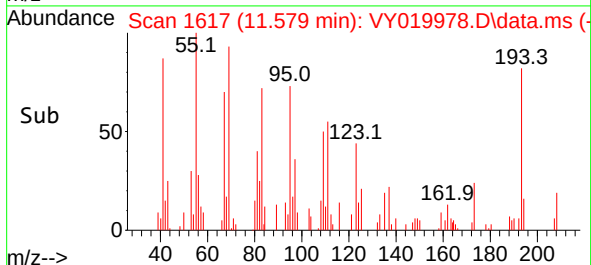
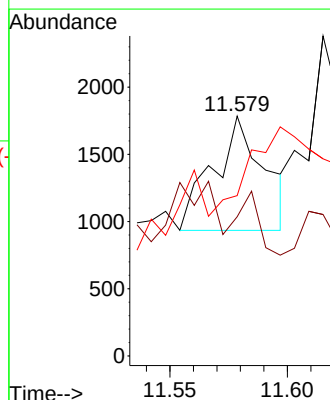
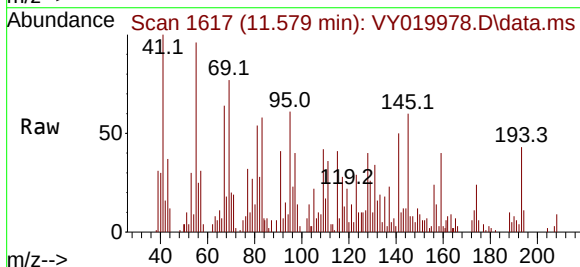
Tgt Ion:131 Resp: 1272

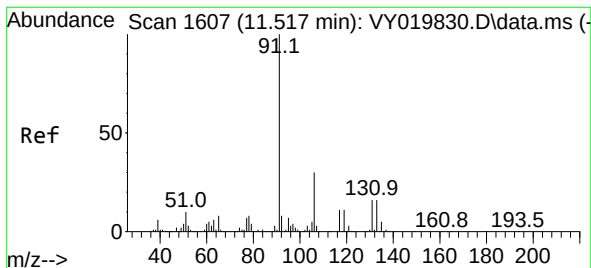
Ion Ratio Lower Upper

131 100

133 78.3 47.8 143.3

119 56.9 34.1 102.2





#67

Ethyl Benzene

Concen: 1.880 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

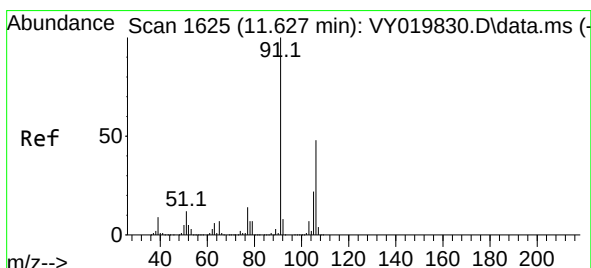
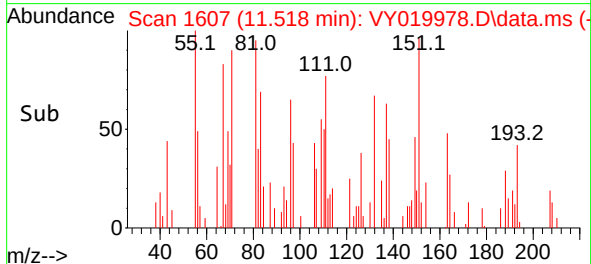
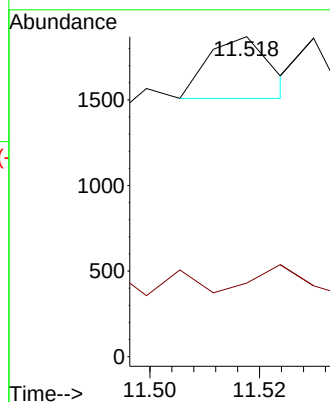
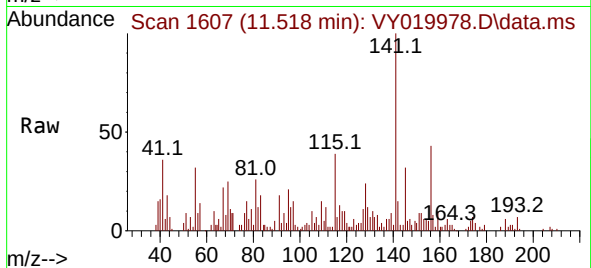
ClientSampleId :

Tgt Ion: 91 Resp: 285

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 411.211 ug/l

RT: 11.810 min Scan# 1655

Delta R.T. 0.177 min

Lab File: VY019978.D

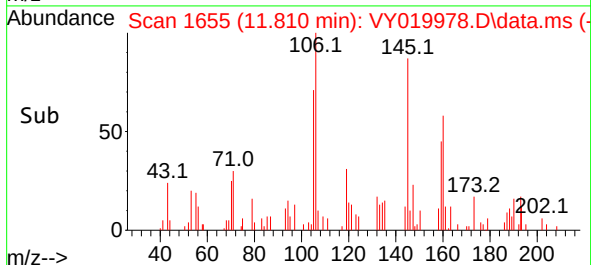
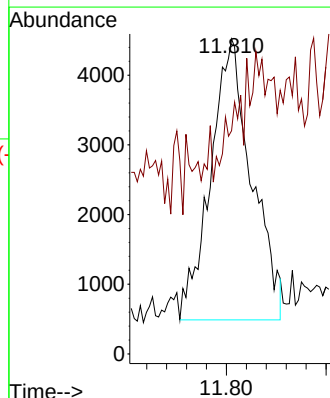
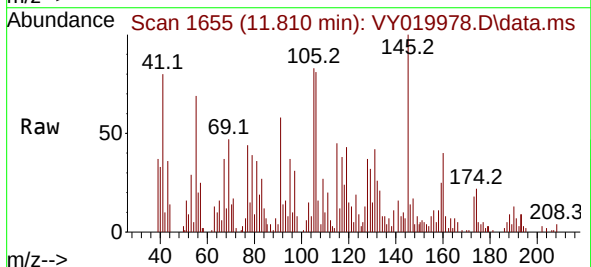
Acq: 22 Oct 2024 13:59

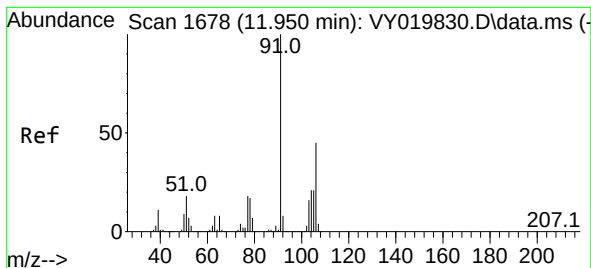
Tgt Ion:106 Resp: 23025

Ion Ratio Lower Upper

106 100

91 5.3 156.0 234.0#

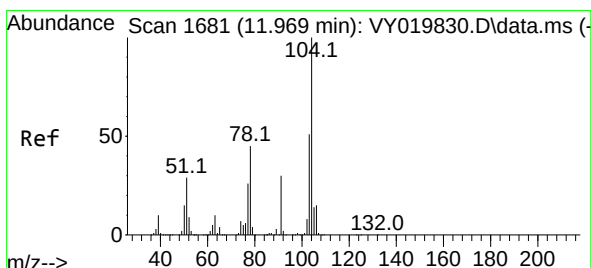
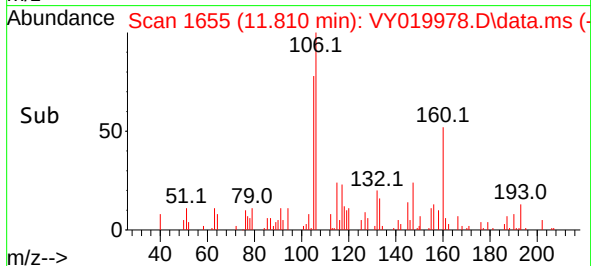
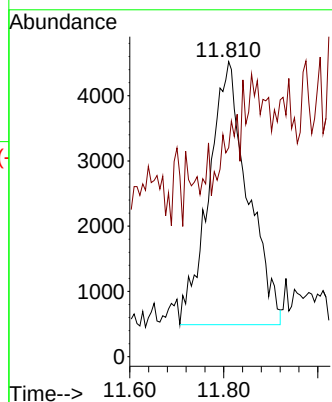
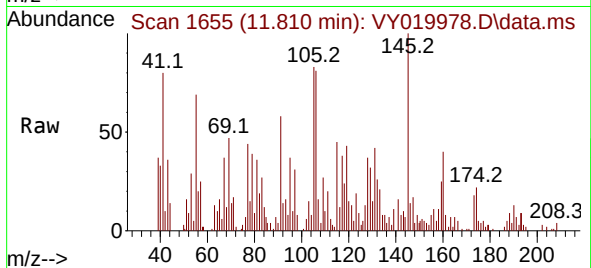




#69
o-Xylene
Concen: 431.146 ug/l
RT: 11.810 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

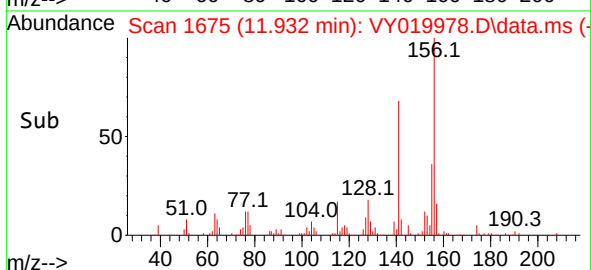
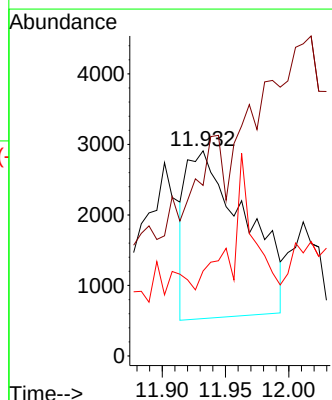
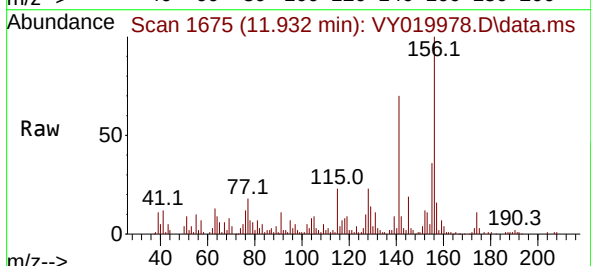
Instrument :
MSVOA_Y
ClientSampleId :

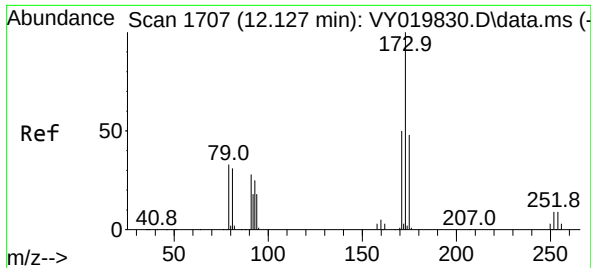
Tgt Ion:106 Resp: 23195
Ion Ratio Lower Upper
106 100
91 5.3 103.6 310.8#



#70
Styrene
Concen: 84.514 ug/l
RT: 11.932 min Scan# 1675
Delta R.T. -0.036 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

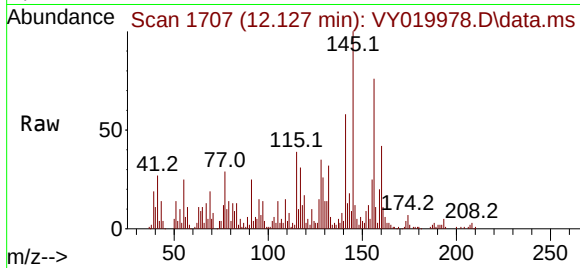
Tgt Ion:104 Resp: 7671
Ion Ratio Lower Upper
104 100
78 65.8 37.0 55.4#
103 0.0 44.2 66.2#



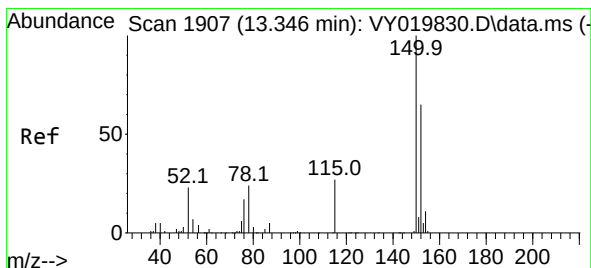
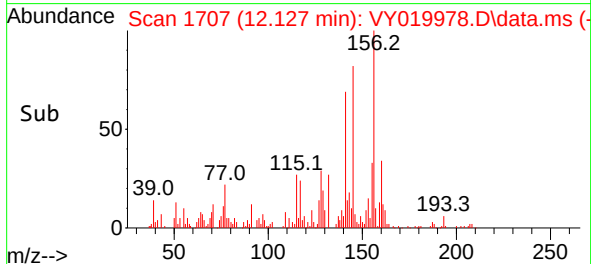
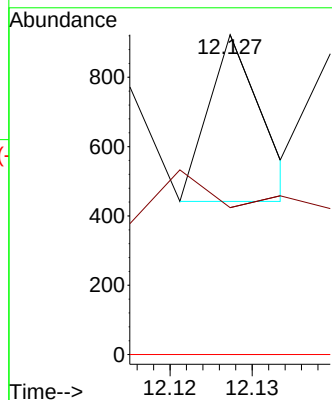


#71
Bromoform
Concen: 14.554 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

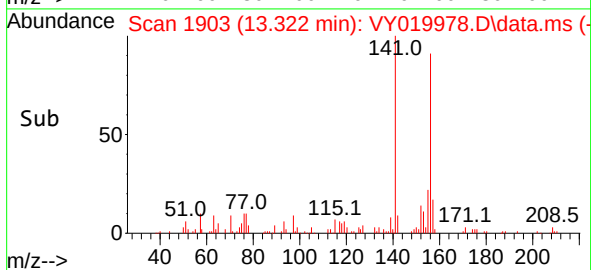
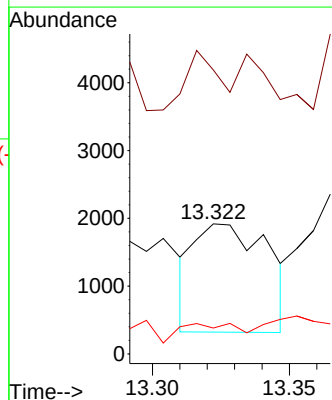
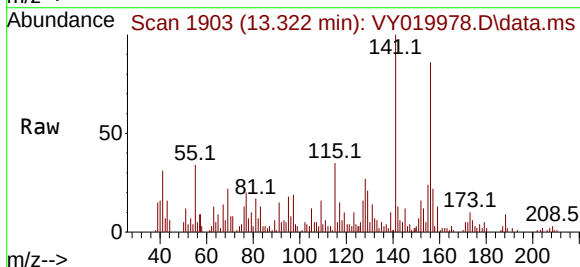


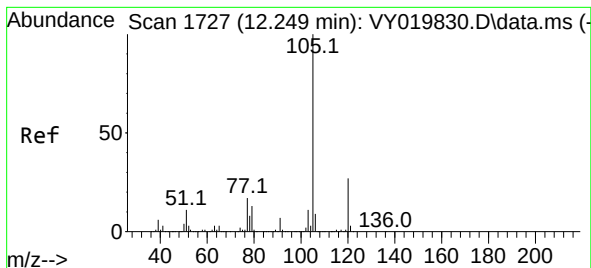
Tgt Ion:173 Resp: 220
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.322 min Scan# 1903
Delta R.T. -0.024 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion:152 Resp: 2999
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 14.5 0.0 345.6





#73

Isopropylbenzene

Concen: 4.928 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

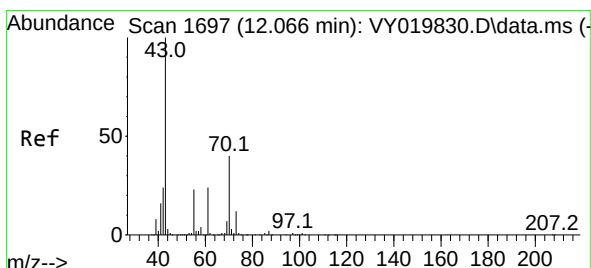
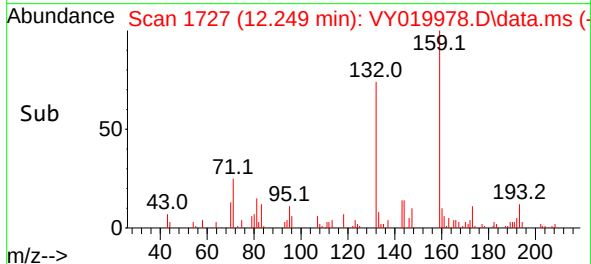
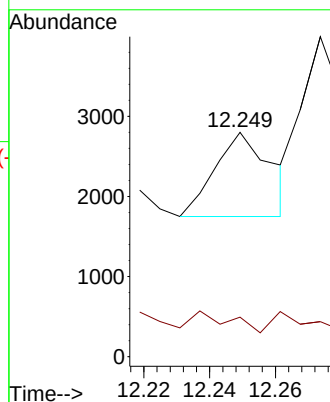
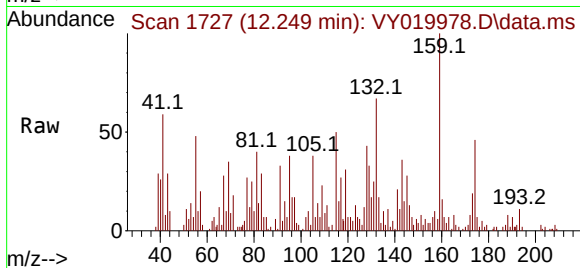
ClientSampleId :

Tgt Ion:105 Resp: 1243

Ion Ratio Lower Upper

105 100

120 16.4 13.4 40.1



#74

N-ethyl acetate

Concen: 7.184 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Tgt Ion: 43 Resp: 480

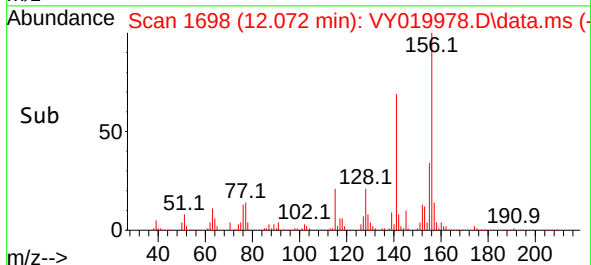
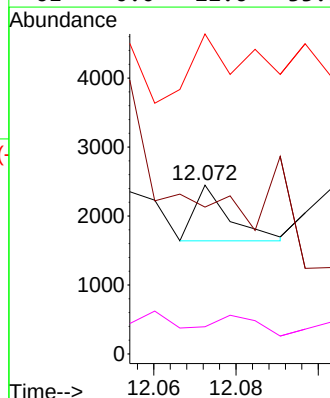
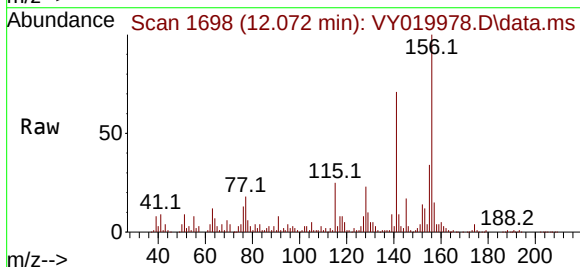
Ion Ratio Lower Upper

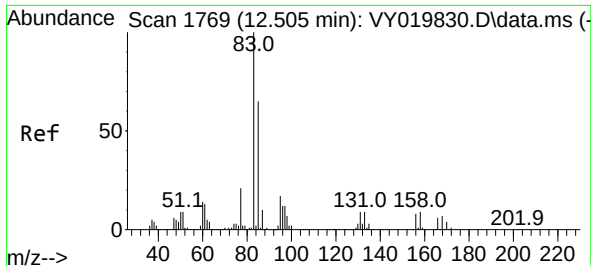
43 100

70 0.0 41.4 62.2#

55 138.5 23.3 34.9#

61 0.0 22.6 33.8#

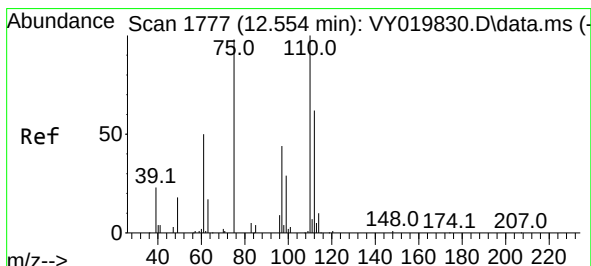
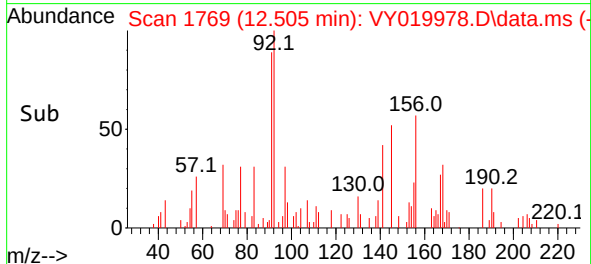
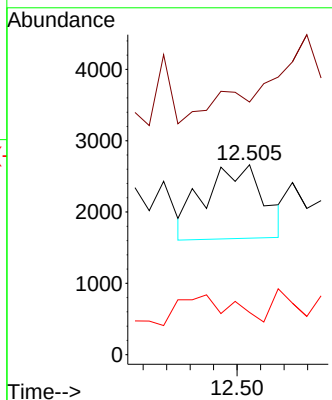
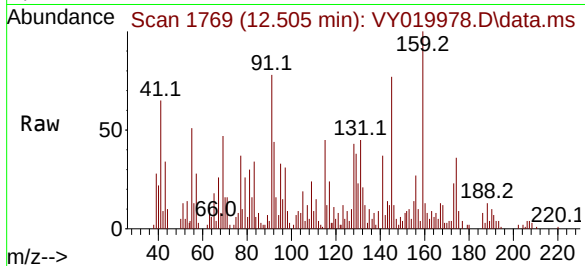




#75
1,1,2,2-Tetrachloroethane
Concen: 40.069 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

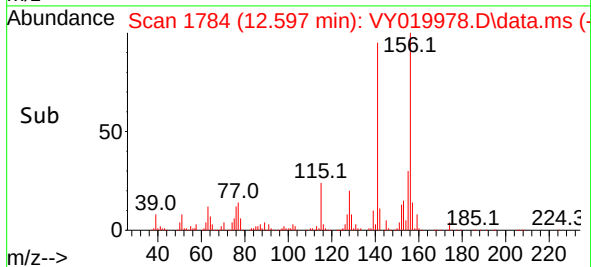
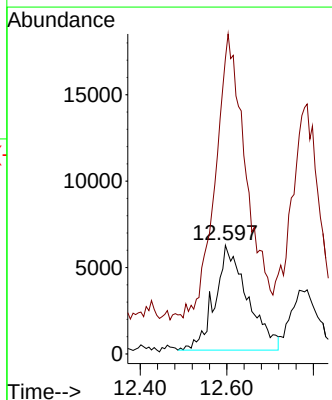
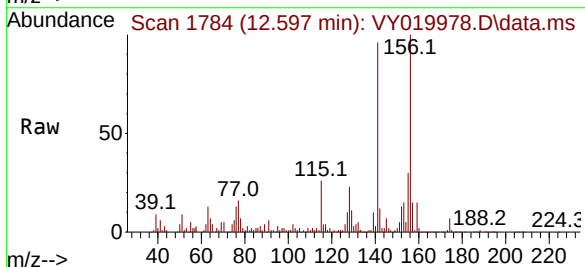
Instrument :
MSVOA_Y
ClientSampleId :

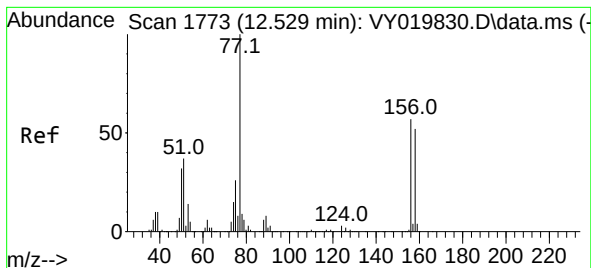
Tgt Ion: 83 Resp: 1796
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 16.5 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 539.301 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.037 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 75 Resp: 31684
Ion Ratio Lower Upper
75 100
77 256.2 0.0 0.0#





#77

Bromobenzene

Concen: 12189.326 ug/l

RT: 12.603 min Scan# 1

Delta R.T. 0.068 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

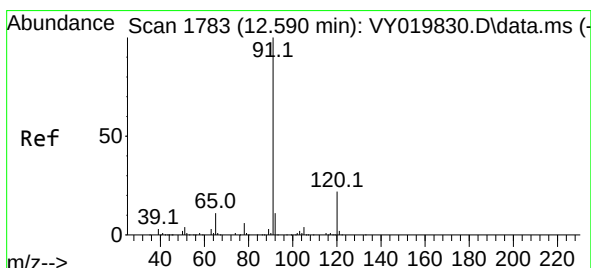
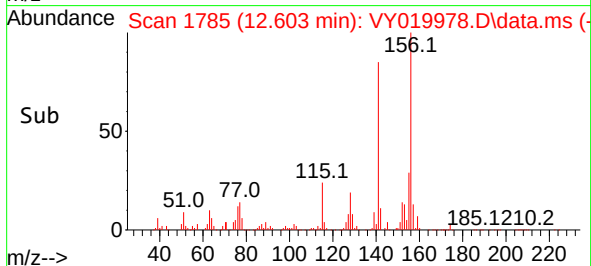
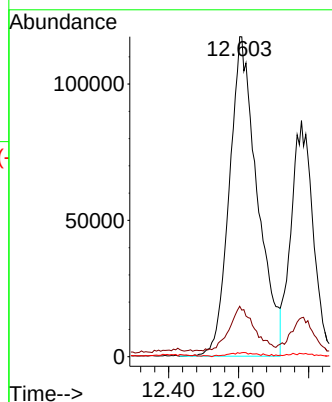
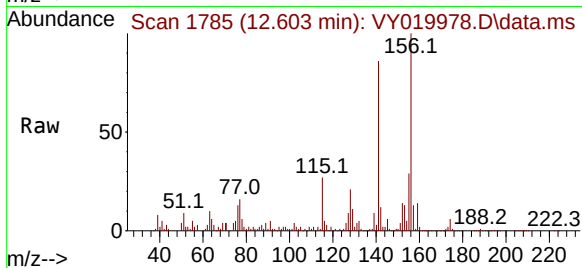
Tgt Ion:156 Resp: 652493

Ion Ratio Lower Upper

156 100

77 12.4 87.1 261.3#

158 0.8 48.6 145.9#



#78

n-propylbenzene

Concen: 64.444 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.060 min

Lab File: VY019978.D

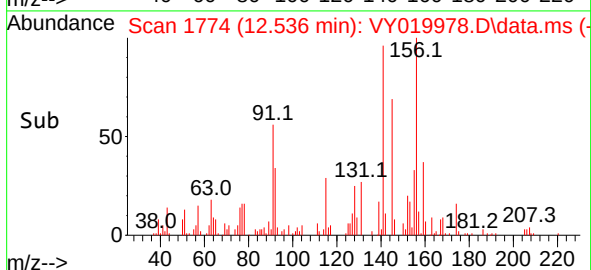
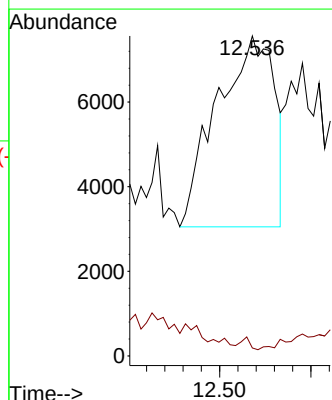
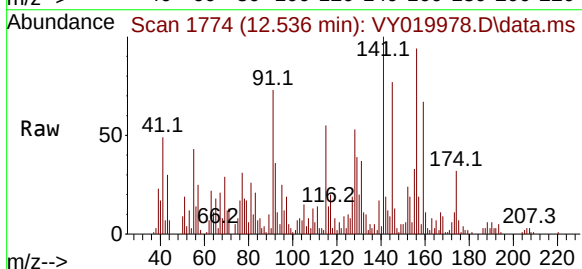
Acq: 22 Oct 2024 13:59

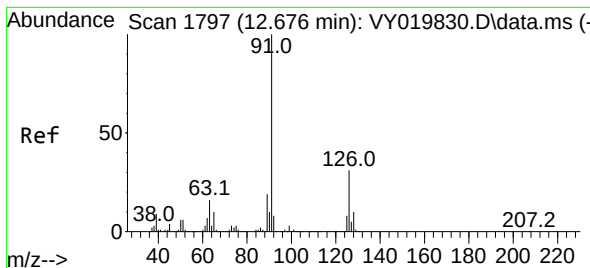
Tgt Ion: 91 Resp: 19643

Ion Ratio Lower Upper

91 100

120 1.0 11.5 34.4#





#79

2-Chlorotoluene

Concen: 37.152 ug/l

RT: 12.792 min Scan# 1816

Delta R.T. 0.110 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

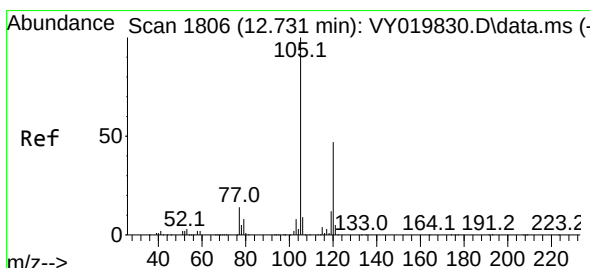
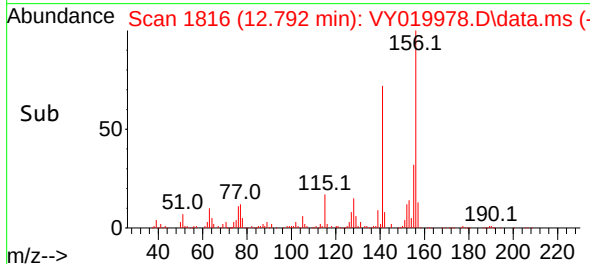
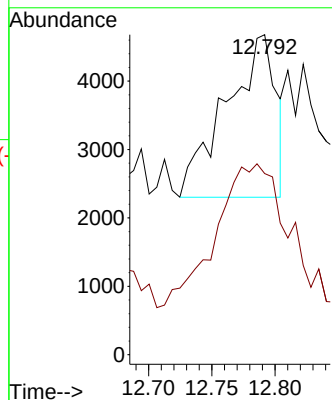
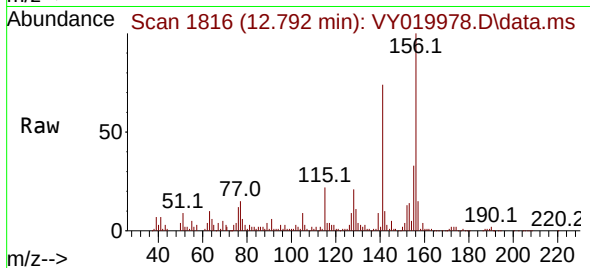
ClientSampleId :

Tgt Ion: 91 Resp: 6492

Ion Ratio Lower Upper

91 100

126 190.1 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 174.216 ug/l

RT: 12.792 min Scan# 1816

Delta R.T. 0.055 min

Lab File: VY019978.D

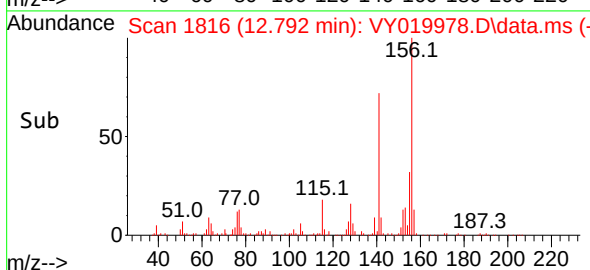
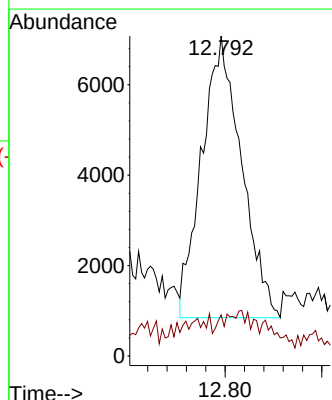
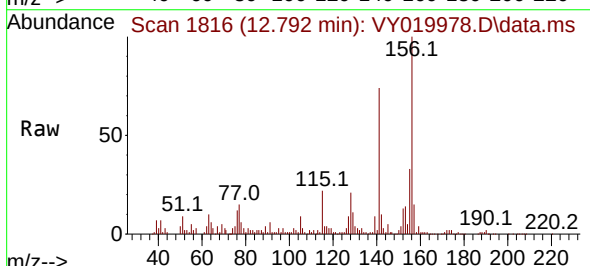
Acq: 22 Oct 2024 13:59

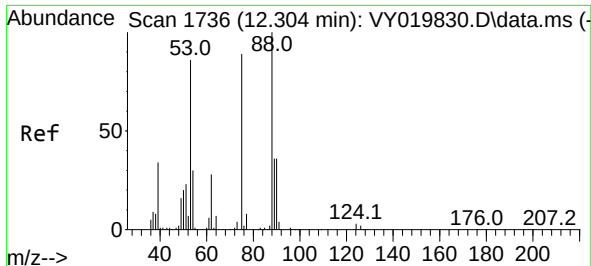
Tgt Ion: 105 Resp: 35491

Ion Ratio Lower Upper

105 100

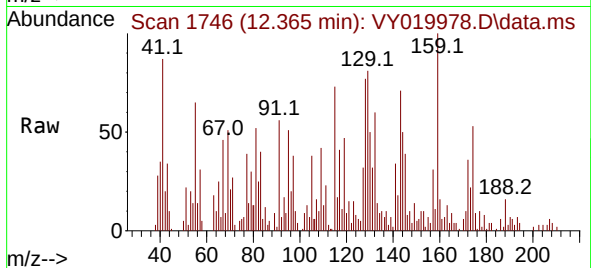
120 0.5 25.1 75.2#



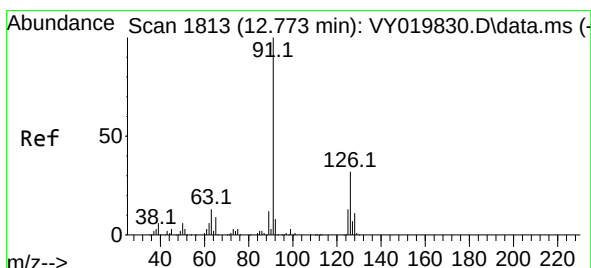
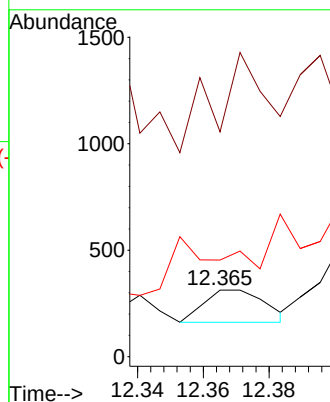
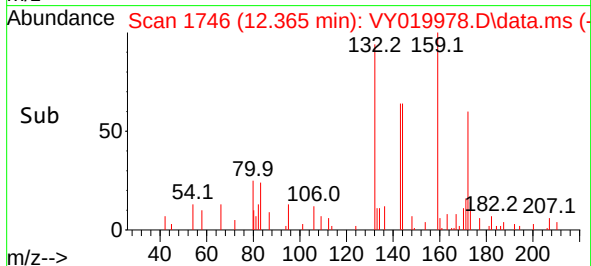


#81
trans-1,4-Dichloro-2-butene
Concen: 13.329 ug/l
RT: 12.365 min Scan# 1746
Delta R.T. 0.061 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

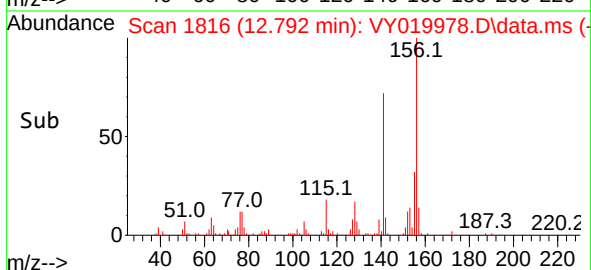
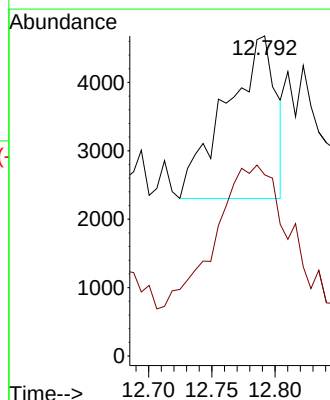
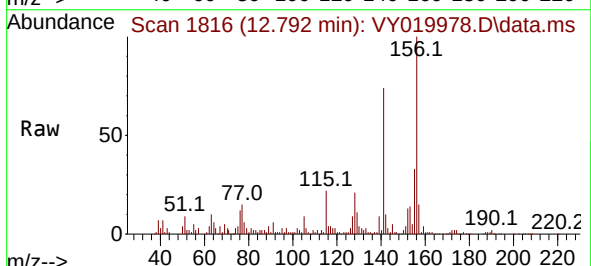


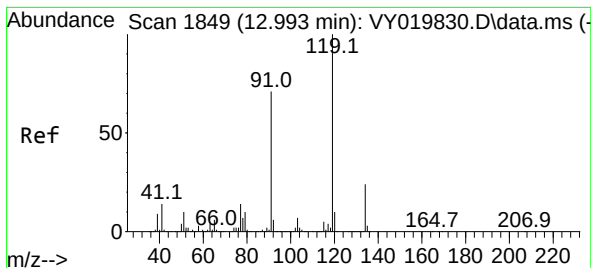
Tgt Ion: 75 Resp: 194
Ion Ratio Lower Upper
75 100
53 260.3 66.8 100.2#
89 120.6 35.8 53.6#



#82
4-Chlorotoluene
Concen: 36.334 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.013 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

Tgt Ion: 91 Resp: 6492
Ion Ratio Lower Upper
91 100
126 190.1 17.6 52.9#





#83

tert-Butylbenzene

Concen: 5.222 ug/l

RT: 13.078 min Scan# 1863

Delta R.T. 0.080 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

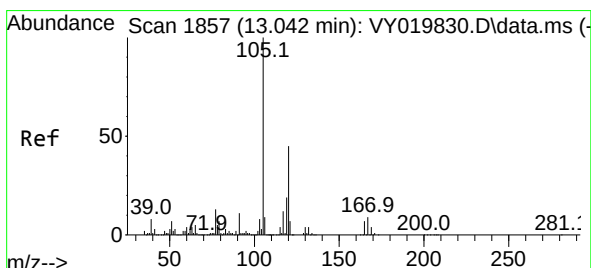
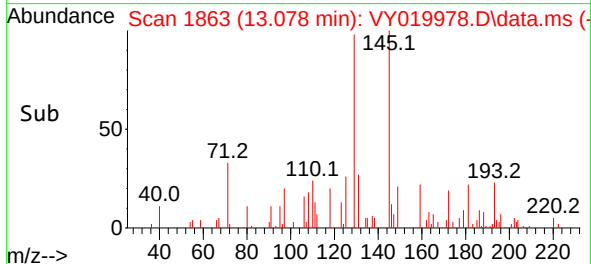
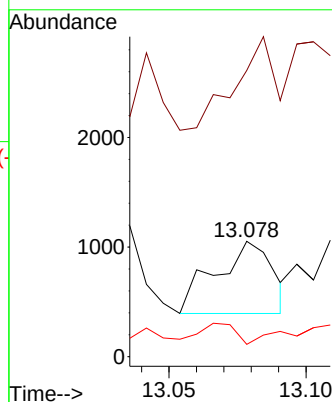
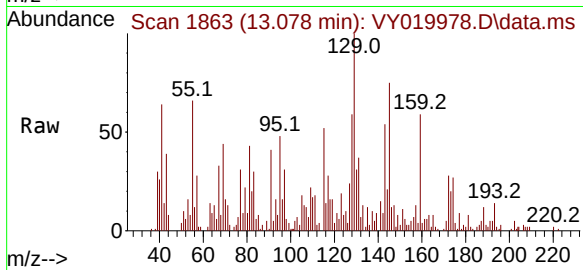
Tgt Ion:119 Resp: 953

Ion Ratio Lower Upper

119 100

91 88.9 31.3 93.8

134 17.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 7.550 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.013 min

Lab File: VY019978.D

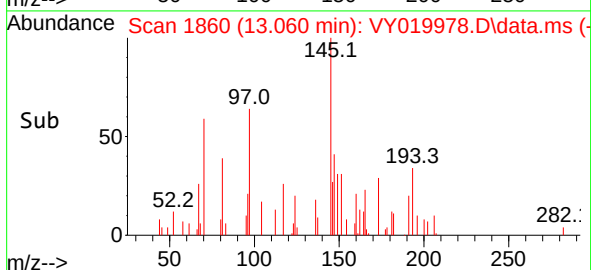
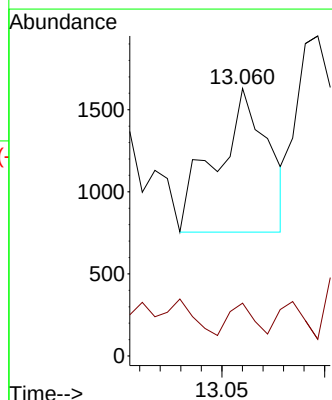
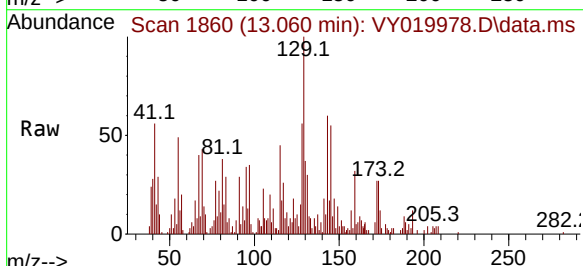
Acq: 22 Oct 2024 13:59

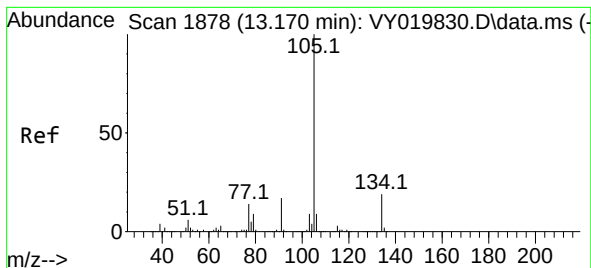
Tgt Ion:105 Resp: 1525

Ion Ratio Lower Upper

105 100

120 10.5 23.2 69.6#





#85

sec-Butylbenzene

Concen: 5.622 ug/l

RT: 13.097 min Scan# 1866

Delta R.T. -0.079 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

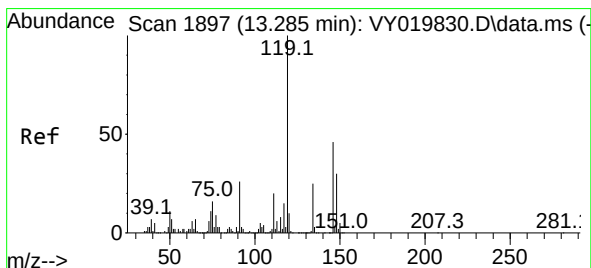
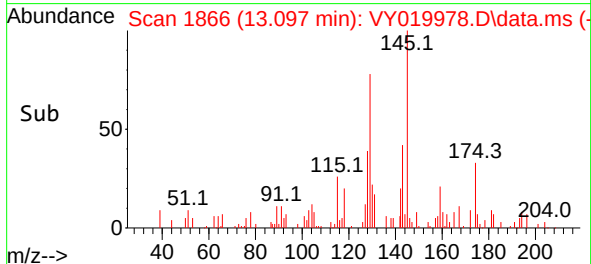
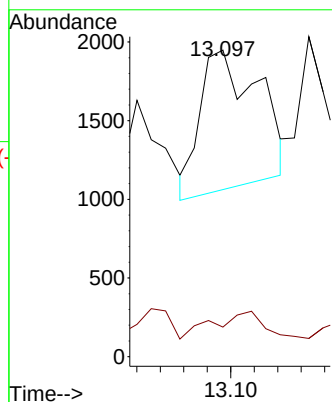
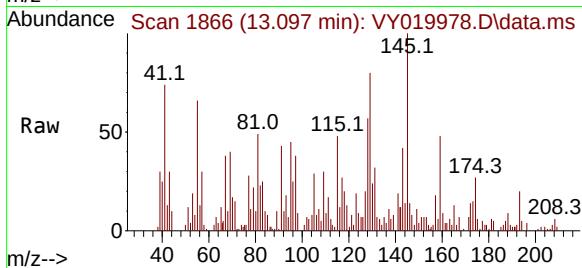
ClientSampleId :

Tgt Ion:105 Resp: 1533

Ion Ratio Lower Upper

105 100

134 17.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 4.381 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

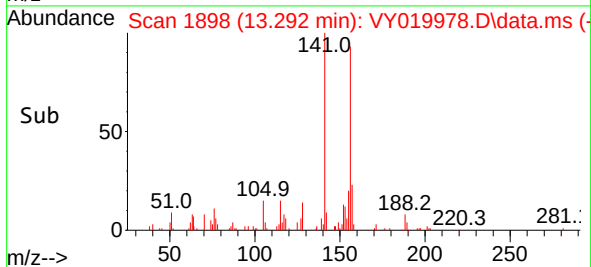
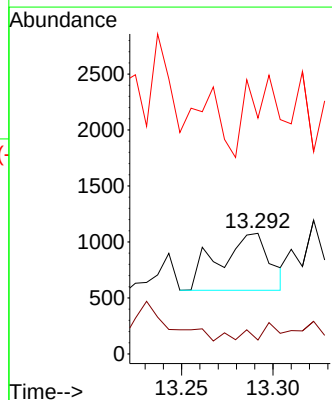
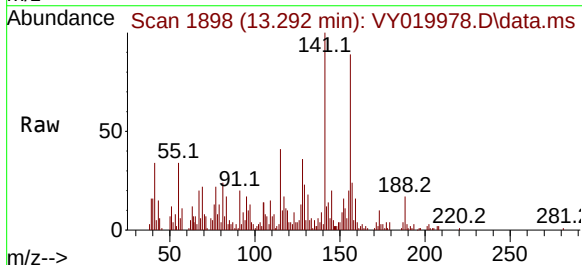
Tgt Ion:119 Resp: 970

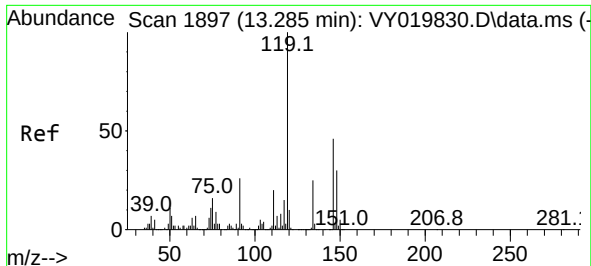
Ion Ratio Lower Upper

119 100

134 11.1 13.1 39.3#

91 91.2 10.7 32.1#





#87

1,3-Dichlorobenzene

Concen: 2.544 ug/l

RT: 13.280 min Scan# 1896

Delta R.T. -0.012 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

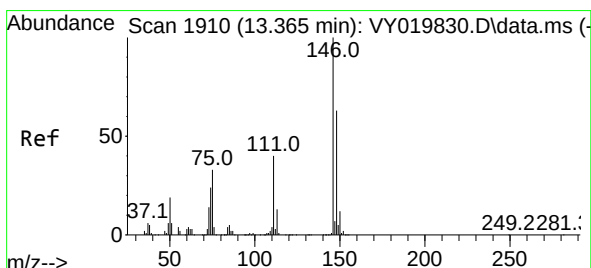
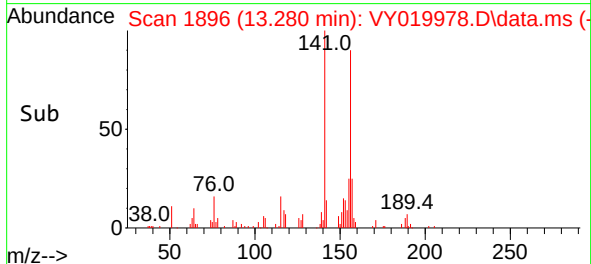
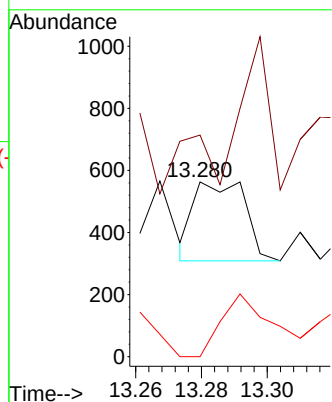
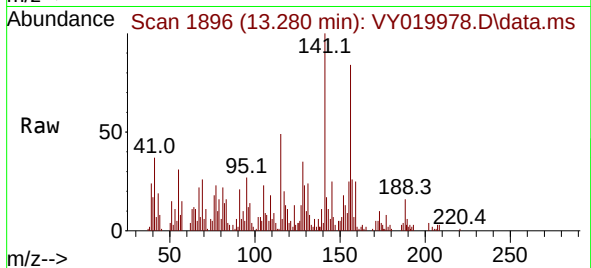
Tgt Ion:146 Resp: 275

Ion Ratio Lower Upper

146 100

111 180.4 19.0 57.0#

148 79.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 6.507 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

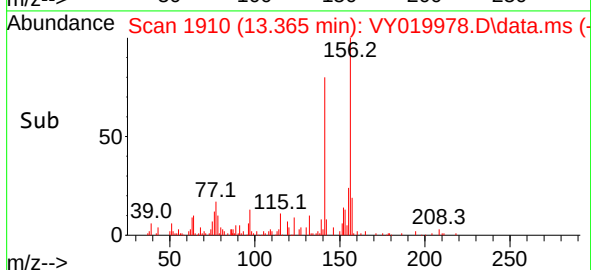
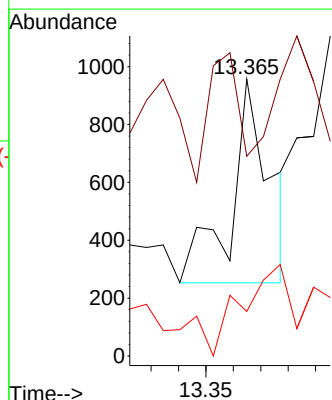
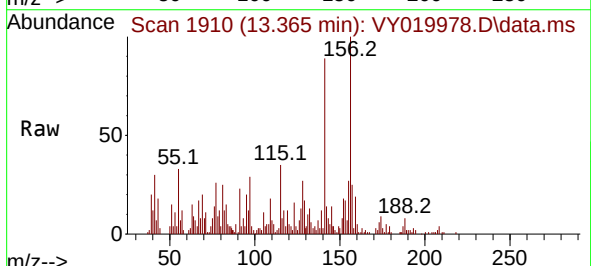
Tgt Ion:146 Resp: 691

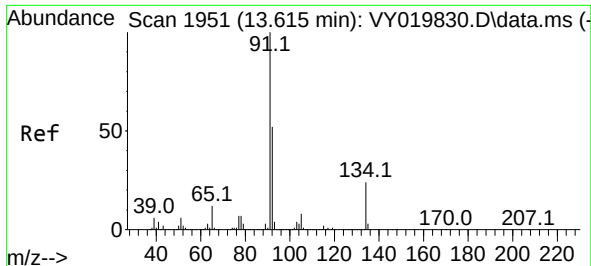
Ion Ratio Lower Upper

146 100

111 49.8 18.4 55.4

148 0.0 32.4 97.2#





#89

n-Butylbenzene

Concen: 8.233 ug/l

RT: 13.688 min Scan# 1951

Delta R.T. 0.068 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

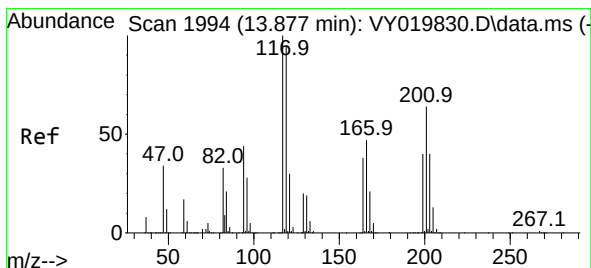
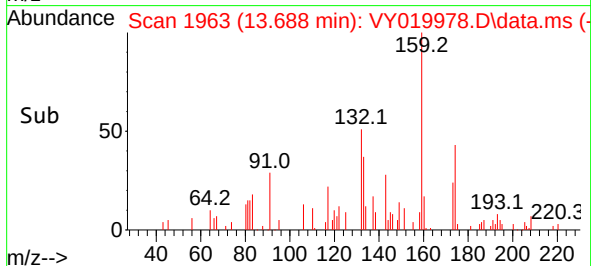
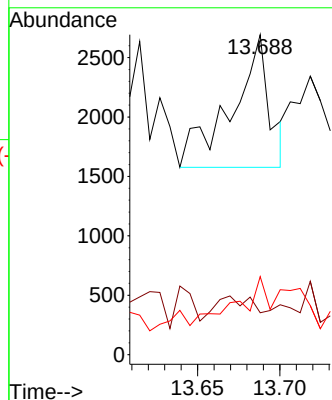
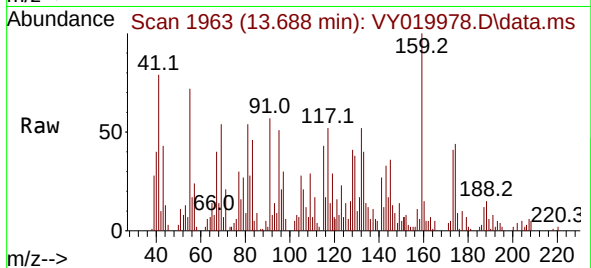
Tgt Ion: 91 Resp: 1780

Ion Ratio Lower Upper

91 100

92 19.7 26.6 79.7#

134 15.1 12.9 38.7



#90

Hexachloroethane

Concen: 13.429 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.013 min

Lab File: VY019978.D

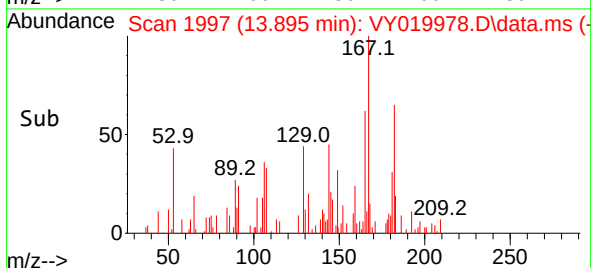
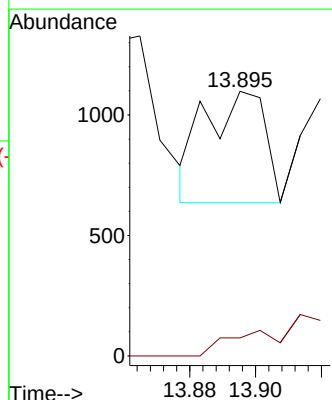
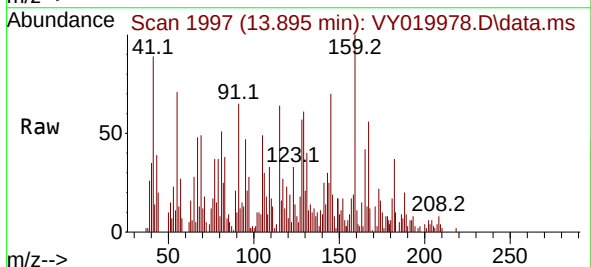
Acq: 22 Oct 2024 13:59

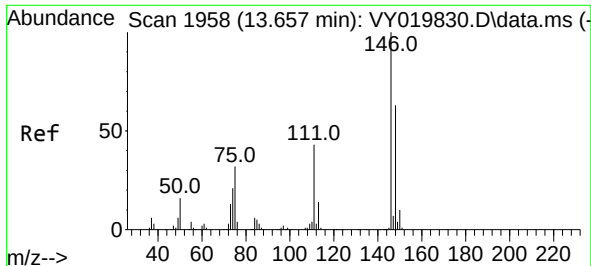
Tgt Ion: 117 Resp: 579

Ion Ratio Lower Upper

117 100

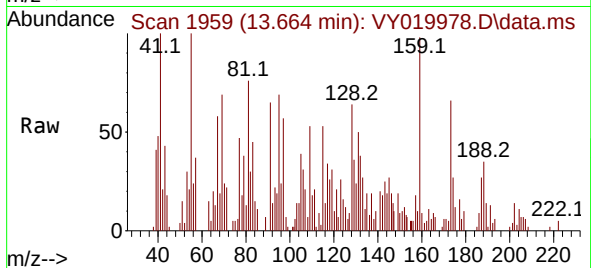
201 53.7 37.4 112.2



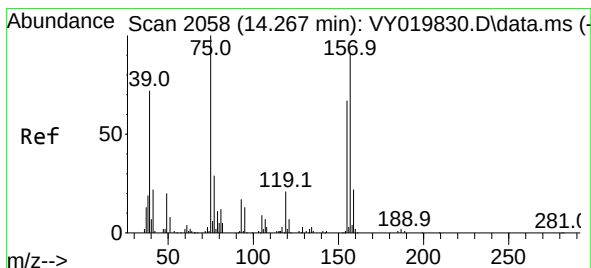
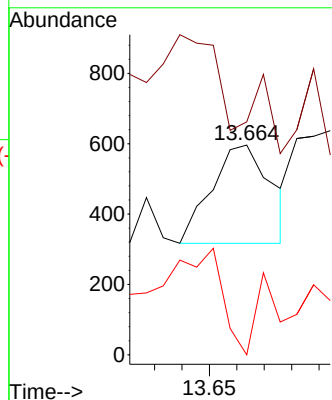
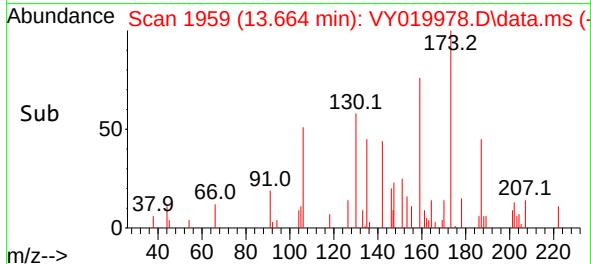


#91
1,2-Dichlorobenzene
Concen: 4.411 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.007 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59

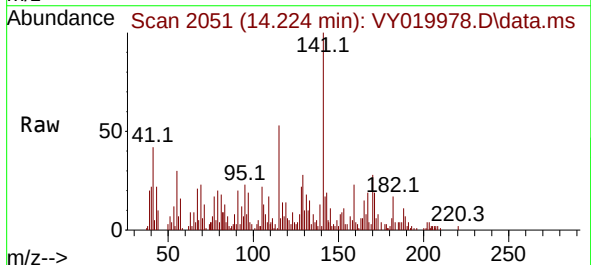
Instrument :
MSVOA_Y
ClientSampleId :



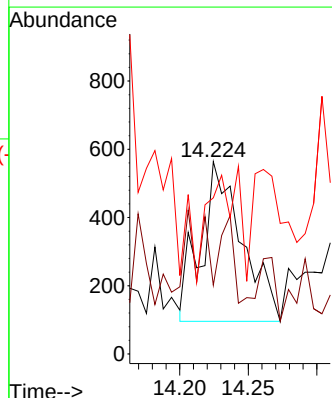
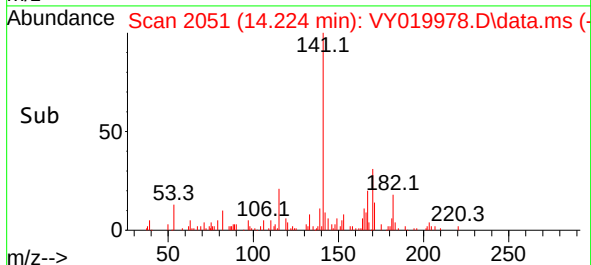
Tgt Ion:146 Resp: 419
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.7#
148 28.4 31.8 95.4#

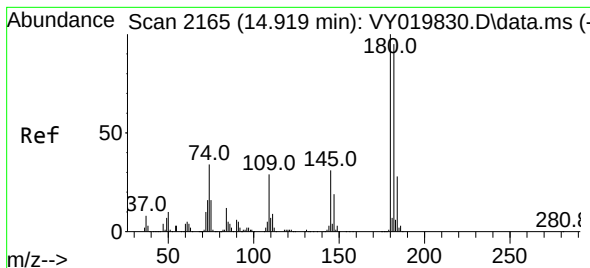


#92
1,2-Dibromo-3-Chloropropane
Concen: 134.761 ug/l
RT: 14.224 min Scan# 2051
Delta R.T. -0.048 min
Lab File: VY019978.D
Acq: 22 Oct 2024 13:59



Tgt Ion: 75 Resp: 964
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 50.1 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.070 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

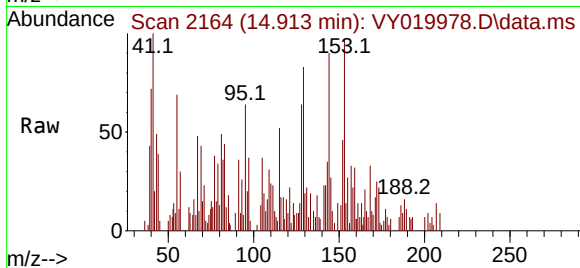
Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :



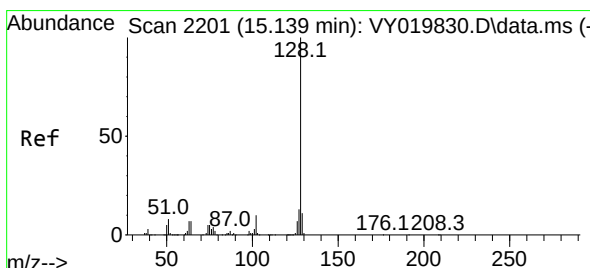
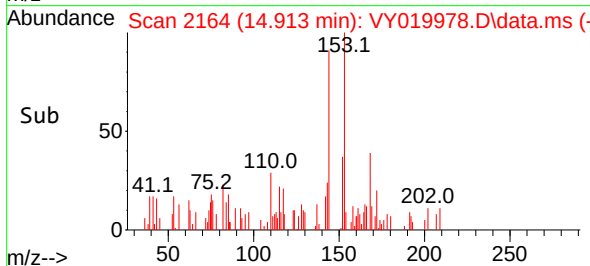
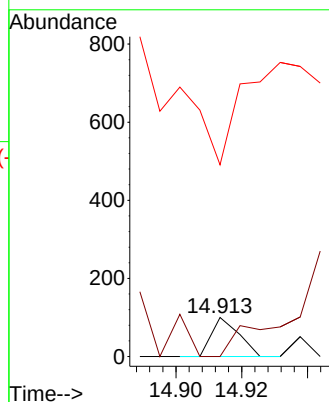
Tgt Ion:180 Resp: 57

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 59.620 ug/l

RT: 15.084 min Scan# 2192

Delta R.T. -0.060 min

Lab File: VY019978.D

Acq: 22 Oct 2024 13:59

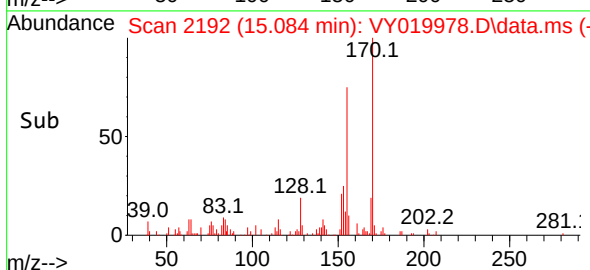
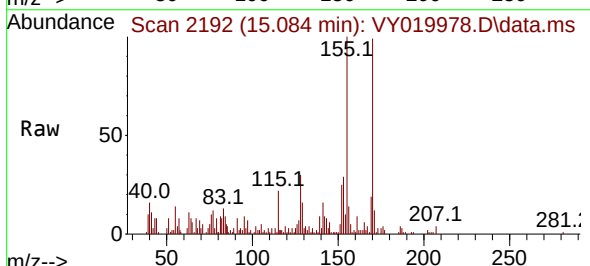
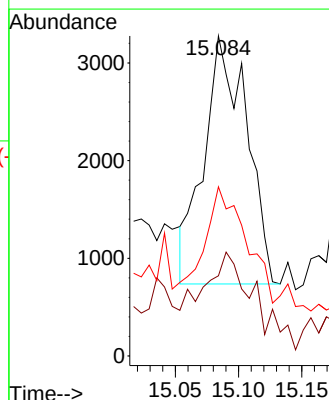
Tgt Ion:128 Resp: 5989

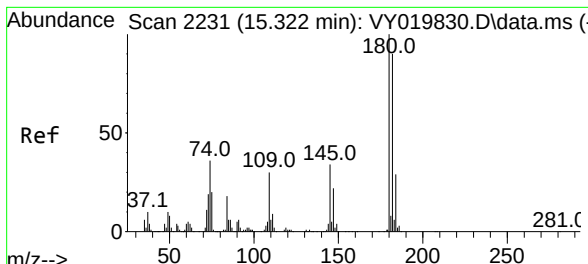
Ion Ratio Lower Upper

128 100

127 48.7 10.6 16.0#

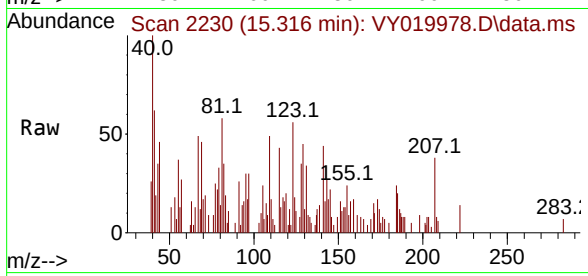
129 39.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.222 ug/l
 RT: 15.316 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY019978.D
 Acq: 22 Oct 2024 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 55

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	596.4	15.4	46.1#

