

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020980.D
 Acq On : 30 Jan 2025 12:26
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 04:37:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	257567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	368311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	330062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	170939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109881	50.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.640	113	115051	51.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.115	98	452111	52.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.414	95	161570	55.715	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	104988	47.938	ug/l	99
3) Chloromethane	2.074	50	66466	47.736	ug/l	100
4) Vinyl Chloride	2.208	62	69330	48.292	ug/l	99
5) Bromomethane	2.605	94	46083	47.417	ug/l	98
6) Chloroethane	2.745	64	40008	47.706	ug/l	99
7) Trichlorofluoromethane	3.068	101	162577	46.926	ug/l	98
8) Diethyl Ether	3.458	74	50751	49.068	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	110435	47.338	ug/l	100
10) Methyl Iodide	4.013	142	118315	44.319	ug/l	97
11) Tert butyl alcohol	4.866	59	32832	204.954	ug/l	100
12) 1,1-Dichloroethene	3.799	96	103852	47.635	ug/l	93
13) Acrolein	3.659	56	43359	235.046	ug/l	99
14) Allyl chloride	4.397	41	143163	47.698	ug/l	99
15) Acrylonitrile	5.068	53	106605	250.576	ug/l	99
16) Acetone	3.879	43	72199	241.556	ug/l	92
17) Carbon Disulfide	4.116	76	323819	48.225	ug/l	100
18) Methyl Acetate	4.397	43	51880	49.605	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	248047	48.881	ug/l	97
20) Methylene Chloride	4.629	84	103852	47.110	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	111896	47.871	ug/l	100
22) Diisopropyl ether	6.031	45	291213	47.599	ug/l	97
23) Vinyl Acetate	5.970	43	839179	247.686	ug/l	99
24) 1,1-Dichloroethane	5.927	63	184358	46.709	ug/l	99
25) 2-Butanone	6.903	43	121769	240.151	ug/l	100
26) 2,2-Dichloropropane	6.896	77	179402	46.166	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	127508	47.459	ug/l	99
28) Bromochloromethane	7.256	49	65126	44.288	ug/l	99
29) Tetrahydrofuran	7.268	42	82865	242.863	ug/l	98
30) Chloroform	7.427	83	196922	46.065	ug/l	98
31) Cyclohexane	7.713	56	171832	44.540	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	191876	46.378	ug/l	99
36) 1,1-Dichloropropene	7.848	75	150610	47.679	ug/l	99
37) Ethyl Acetate	6.994	43	59554	50.570	ug/l	99
38) Carbon Tetrachloride	7.823	117	186306	47.660	ug/l	99
39) Methylcyclohexane	9.116	83	208108	49.042	ug/l	98
40) Benzene	8.085	78	445547	47.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	33162	50.894	ug/l	95
42) 1,2-Dichloroethane	8.165	62	113218	48.031	ug/l	99
43) Isopropyl Acetate	8.201	43	116373	49.464	ug/l #	84
44) Trichloroethene	8.872	130	122181	47.639	ug/l	98
45) 1,2-Dichloropropane	9.146	63	99201	47.618	ug/l	99
46) Dibromomethane	9.238	93	57488	47.419	ug/l	99
47) Bromodichloromethane	9.427	83	151421	47.560	ug/l	98
48) Methyl methacrylate	9.225	41	54989	49.093	ug/l	97
49) 1,4-Dioxane	9.238	88	12482	968.915	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	300318	248.421	ug/l	99
52) Toluene	10.176	92	291183	48.263	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	144357	50.105	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	166972	48.490	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	78532	48.709	ug/l	98
56) Ethyl methacrylate	10.445	69	108174	51.329	ug/l	98
57) 1,3-Dichloropropane	10.725	76	134628	49.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	238552	266.692	ug/l	100
59) 2-Hexanone	10.768	43	201831	256.852	ug/l	100
60) Dibromochloromethane	10.920	129	111336	48.432	ug/l	99
61) 1,2-Dibromoethane	11.018	107	76074	49.400	ug/l	99
64) Tetrachloroethene	10.652	164	115843	46.528	ug/l	98
65) Chlorobenzene	11.451	112	324779	46.704	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	116021	47.009	ug/l	99
67) Ethyl Benzene	11.524	91	577522	47.965	ug/l	100
68) m/p-Xylenes	11.633	106	447158	96.662	ug/l	100
69) o-Xylene	11.963	106	208508	48.485	ug/l	100
70) Styrene	11.975	104	350408	49.078	ug/l	100
71) Bromoform	12.139	173	70757	48.644	ug/l #	99
73) Isopropylbenzene	12.261	105	573255	47.750	ug/l	100
74) N-amyl acetate	12.078	43	108796	49.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	91558	47.246	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	120835	89.296	ug/l #	100
77) Bromobenzene	12.542	156	133204	46.798	ug/l	98
78) n-propylbenzene	12.603	91	680436	48.360	ug/l	100
79) 2-Chlorotoluene	12.688	91	383456	47.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	471574	47.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	32092	49.230	ug/l	96
82) 4-Chlorotoluene	12.786	91	393831	48.001	ug/l	100
83) tert-Butylbenzene	13.005	119	435525	47.743	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	465710	48.472	ug/l	99
85) sec-Butylbenzene	13.182	105	623429	48.272	ug/l	100
86) p-Isopropyltoluene	13.298	119	528479	48.693	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	262337	47.269	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	256285	46.504	ug/l	99
89) n-Butylbenzene	13.627	91	479003	49.273	ug/l	99
90) Hexachloroethane	13.889	117	104536	47.609	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	229460	47.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	14371	48.168	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	142572	48.112	ug/l	98
94) Hexachlorobutadiene	15.035	225	94623	46.104	ug/l	99
95) Naphthalene	15.151	128	236423	44.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	120513	42.817	ug/l	100

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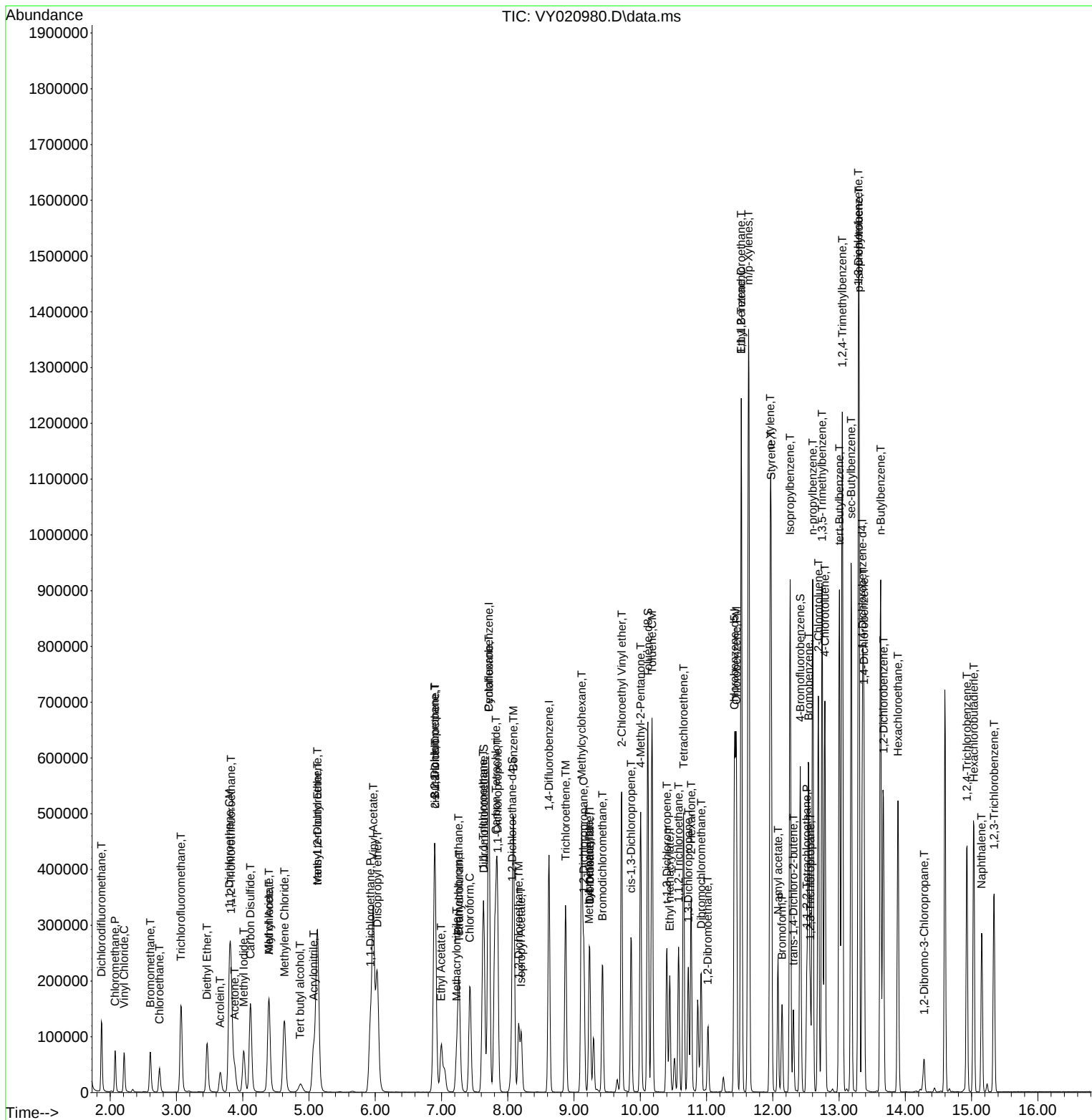
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MSVOA_Y
ClientSampleId :

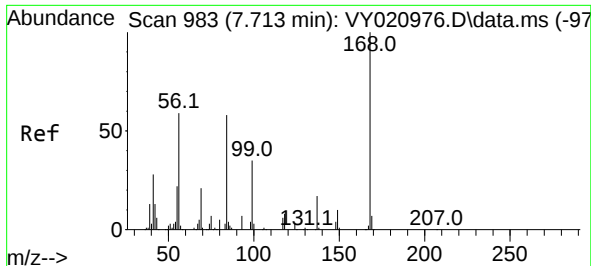
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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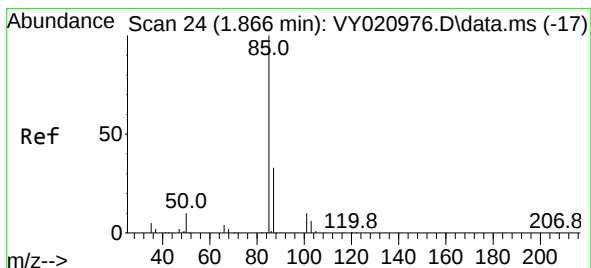
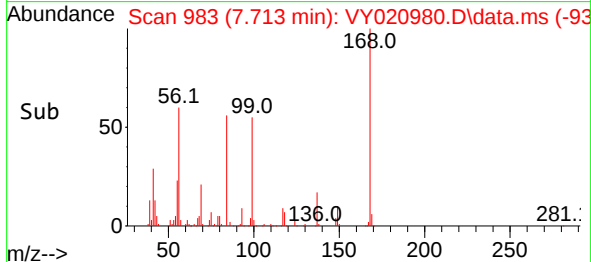
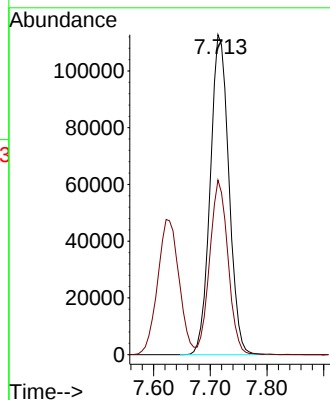
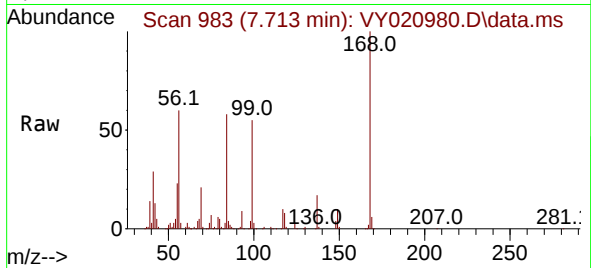




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020980.D
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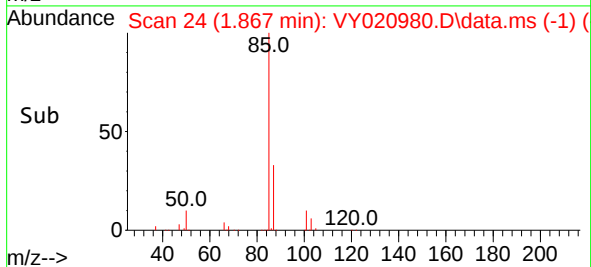
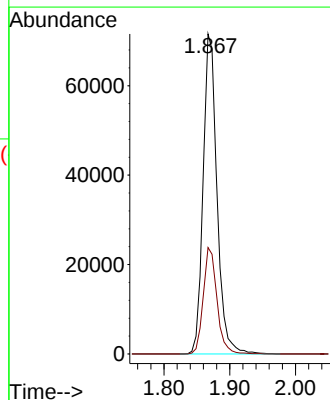
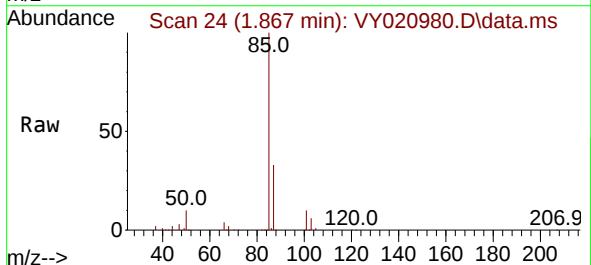
Instrument :
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ClientSampleId :

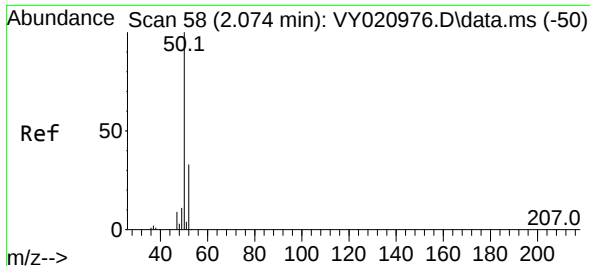
Tgt Ion:168 Resp: 257567
Ion Ratio Lower Upper
168 100
99 54.5 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 47.938 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

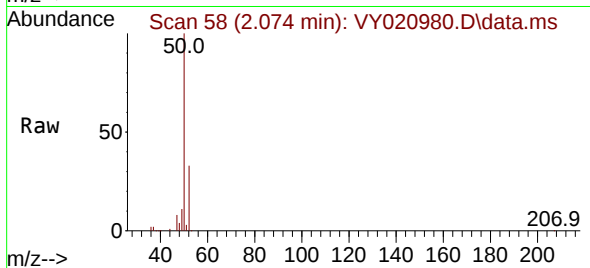
Tgt Ion: 85 Resp: 104988
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.9



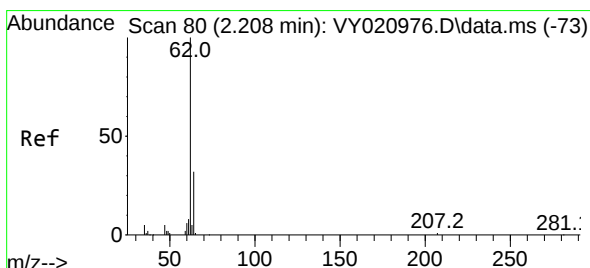
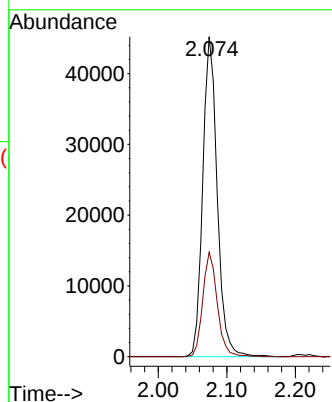
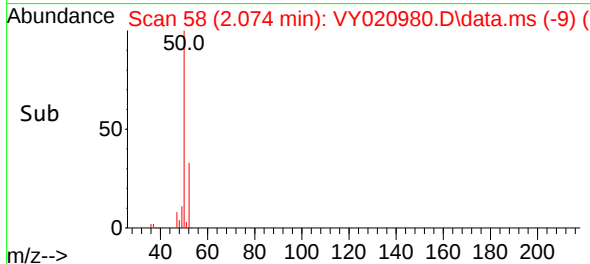


#3
Chloromethane
Concen: 47.736 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

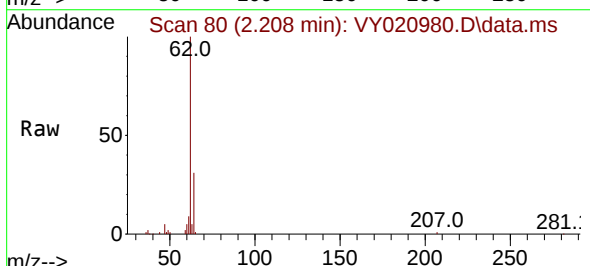
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MSVOA_Y
ClientSampleId :



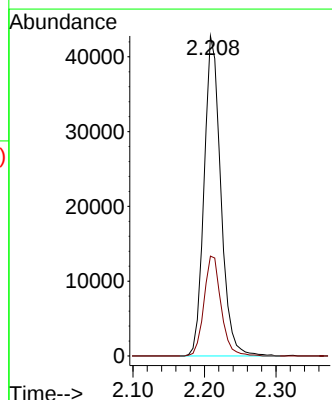
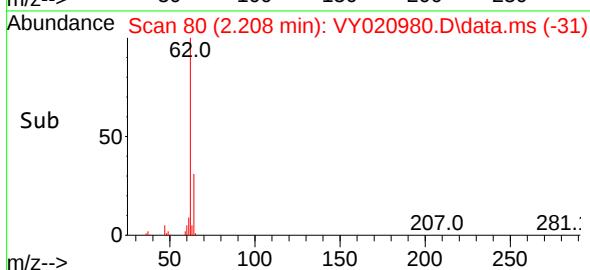
Tgt Ion: 50 Resp: 66466
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

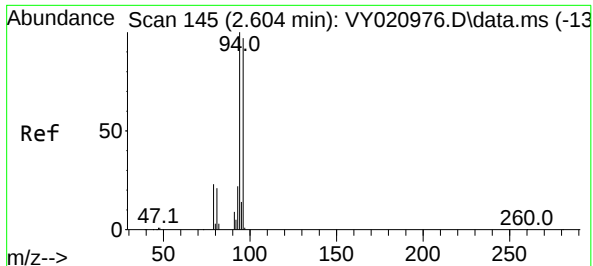


#4
Vinyl Chloride
Concen: 48.292 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26



Tgt Ion: 62 Resp: 69330
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.2

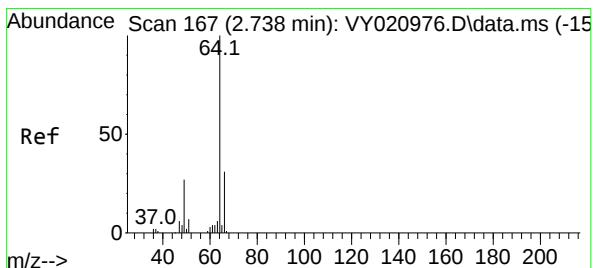
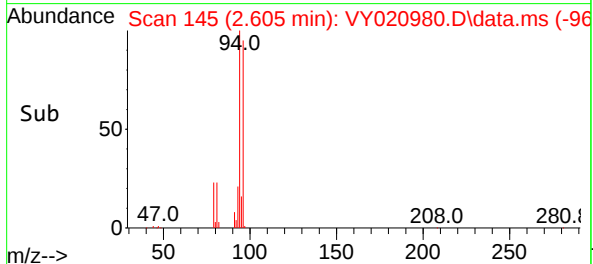
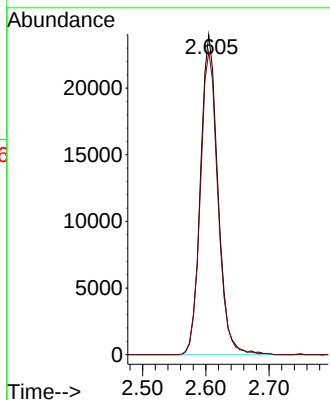
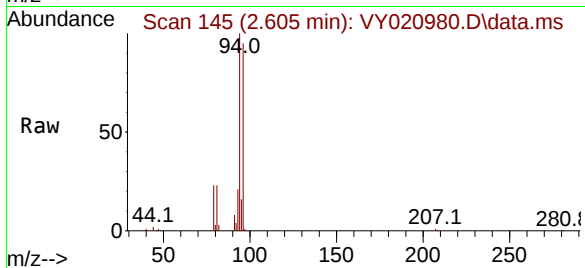




#5
Bromomethane
Concen: 47.417 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

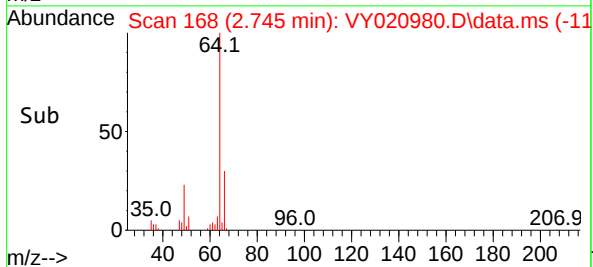
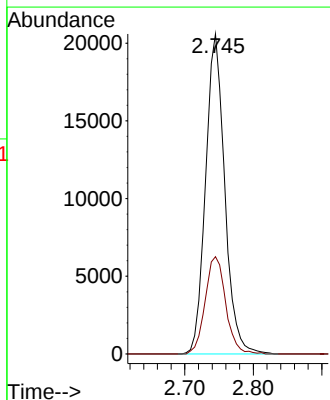
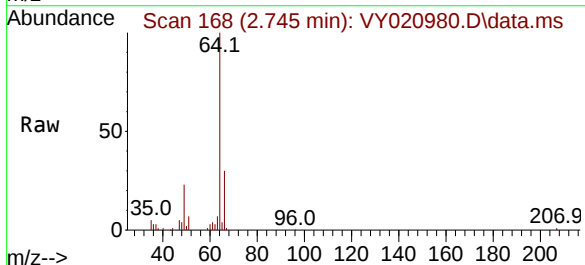
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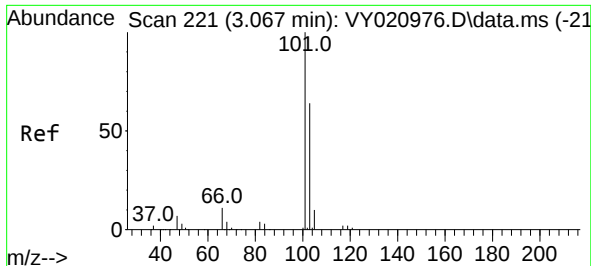
Tgt Ion: 94 Resp: 46083
Ion Ratio Lower Upper
94 100
96 94.8 77.4 116.0



#6
Chloroethane
Concen: 47.706 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 64 Resp: 40008
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.4

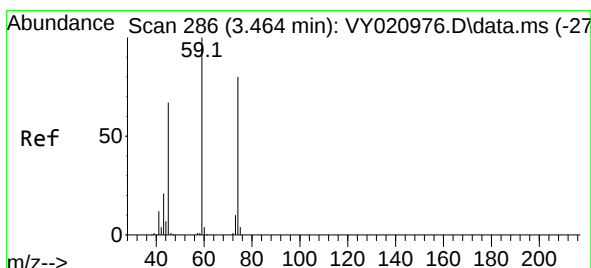
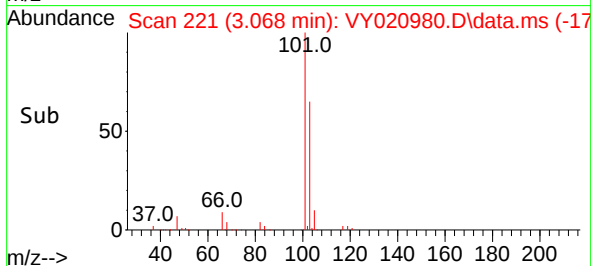
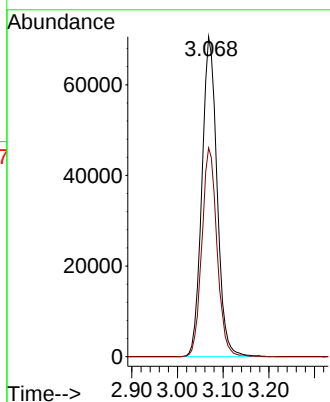
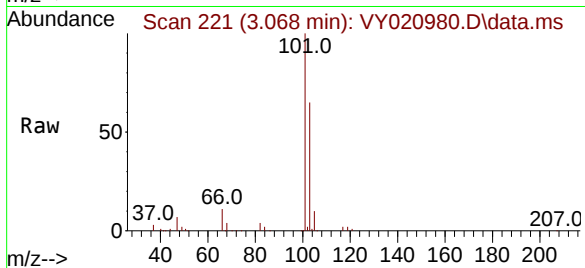




#7
Trichlorofluoromethane
Concen: 46.926 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020980.D
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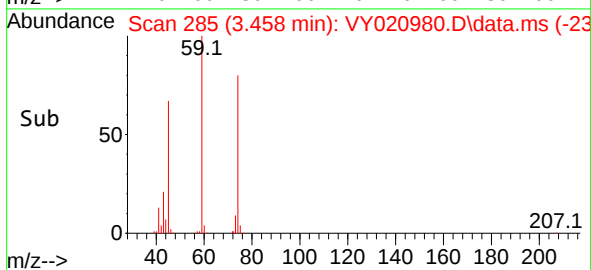
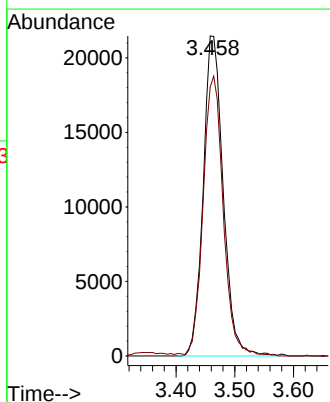
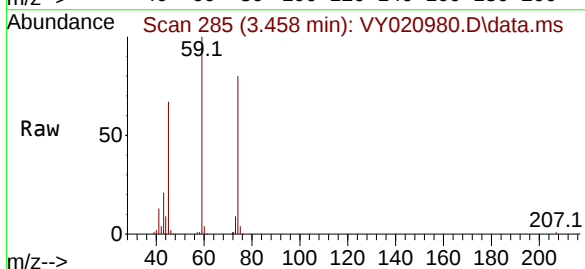
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MSVOA_Y
ClientSampleId :

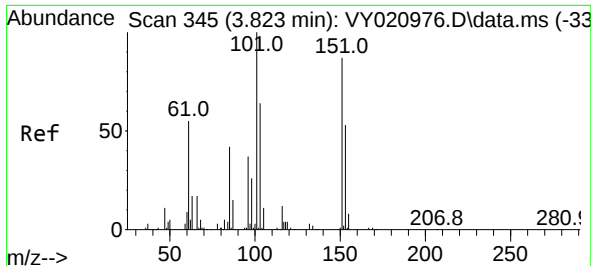
Tgt Ion:101 Resp: 162577
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3



#8
Diethyl Ether
Concen: 49.068 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY020980.D
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Tgt Ion: 74 Resp: 50751
Ion Ratio Lower Upper
74 100
45 88.2 43.4 130.2

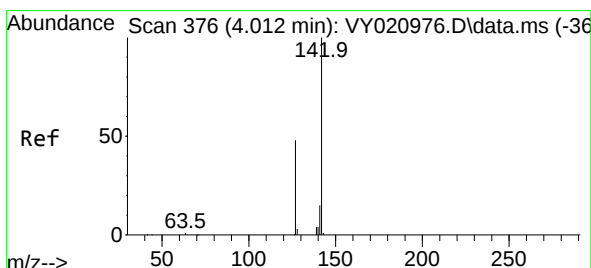
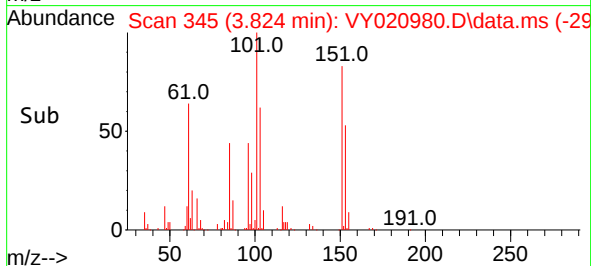
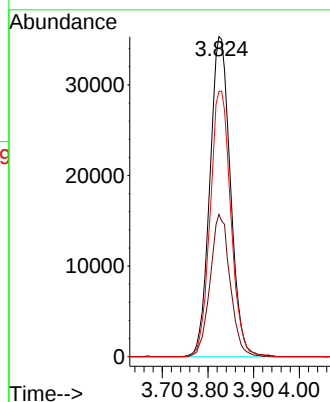
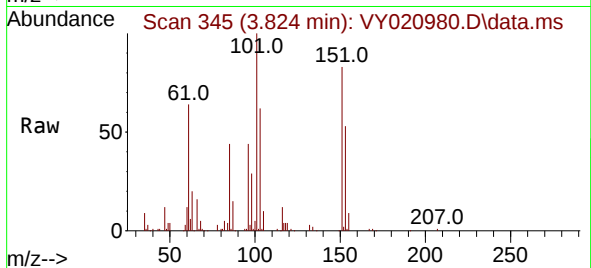




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.338 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

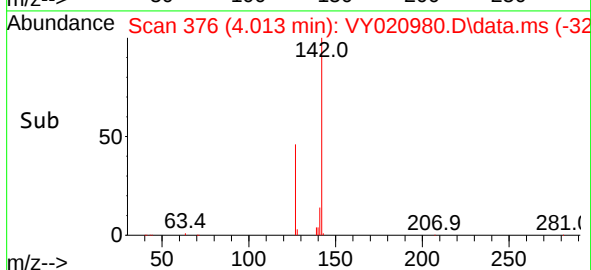
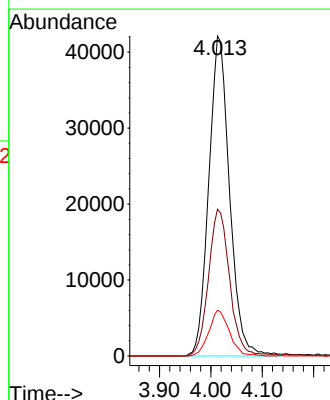
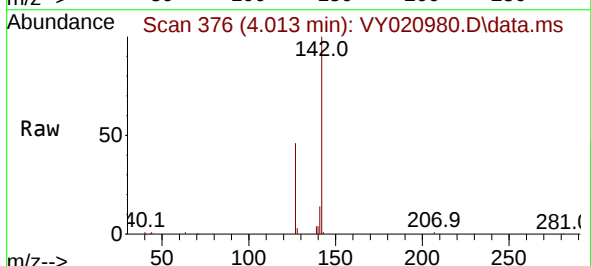
Instrument :
MSVOA_Y
ClientSampleId :

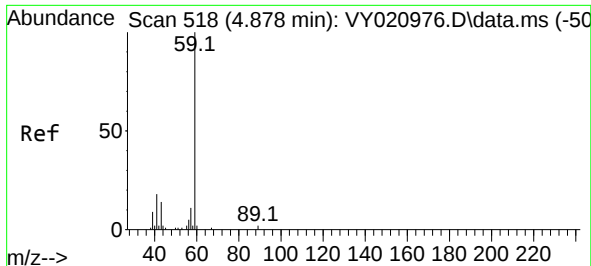
Tgt Ion:101 Resp: 110435
Ion Ratio Lower Upper
101 100
85 43.2 34.9 52.3
151 83.6 66.8 100.2



#10
Methyl Iodide
Concen: 44.319 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion:142 Resp: 118315
Ion Ratio Lower Upper
142 100
127 46.6 38.9 58.3
141 14.1 11.7 17.5

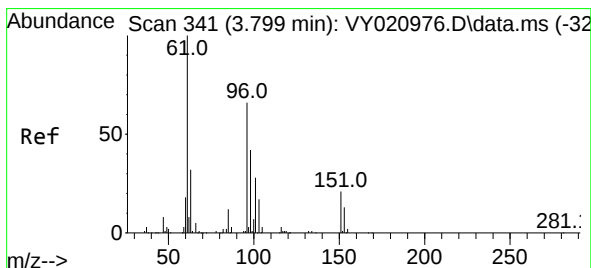
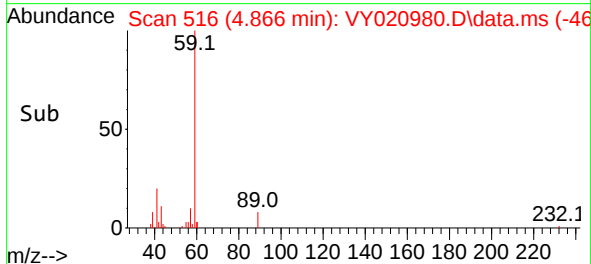
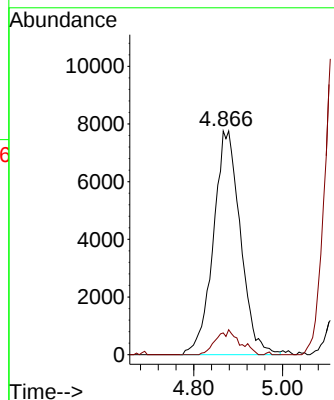
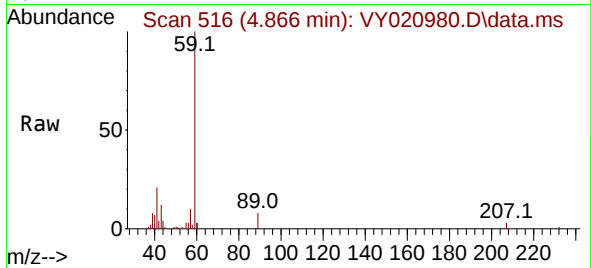




#11
Tert butyl alcohol
Concen: 204.954 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

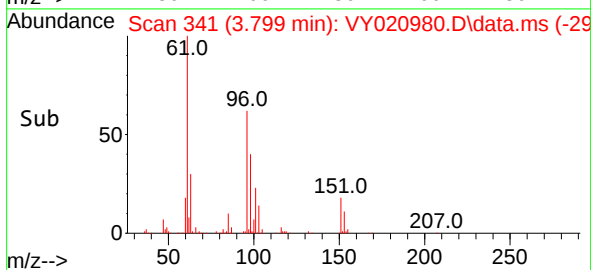
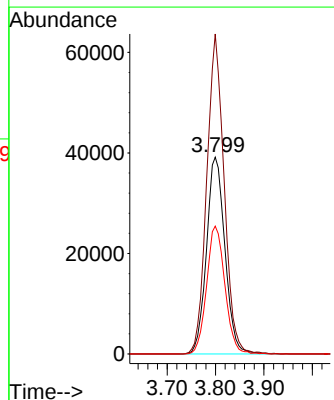
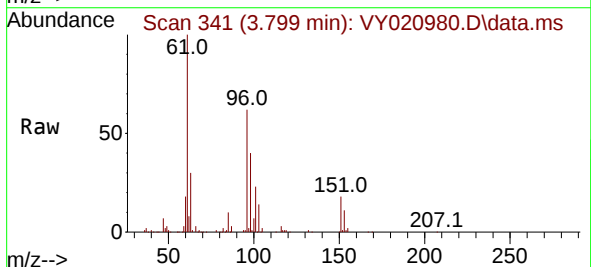
Instrument :
MSVOA_Y
ClientSampleId :

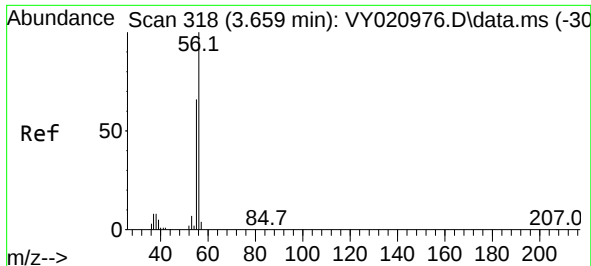
Tgt Ion: 59 Resp: 32832
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.635 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

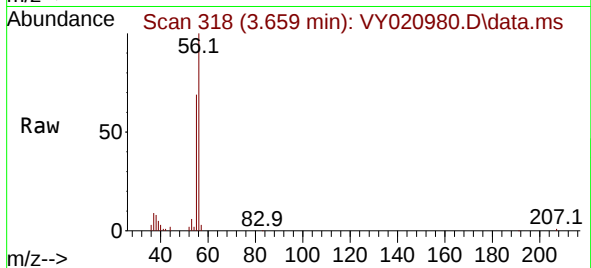
Tgt Ion: 96 Resp: 103852
Ion Ratio Lower Upper
96 100
61 162.6 120.8 181.2
98 65.0 50.6 76.0



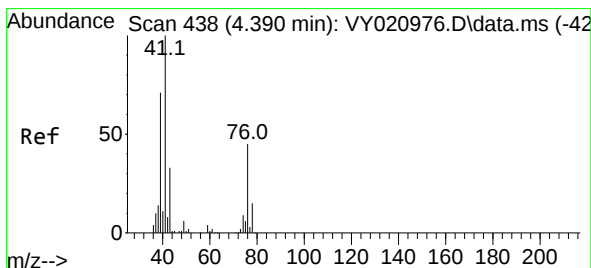
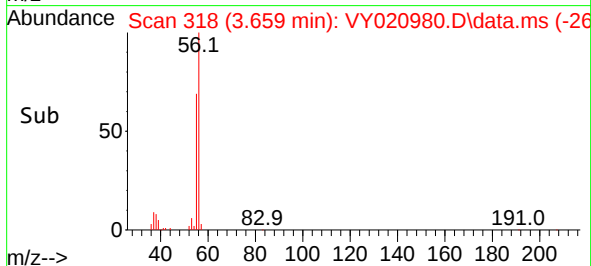
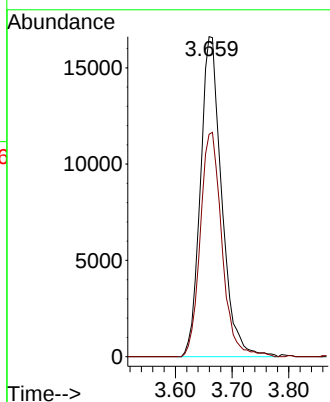


#13
Acrolein
Concen: 235.046 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Instrument :
MSVOA_Y
ClientSampleId :

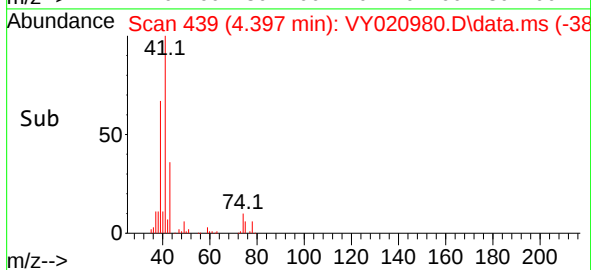
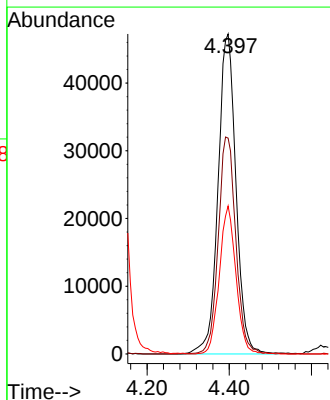
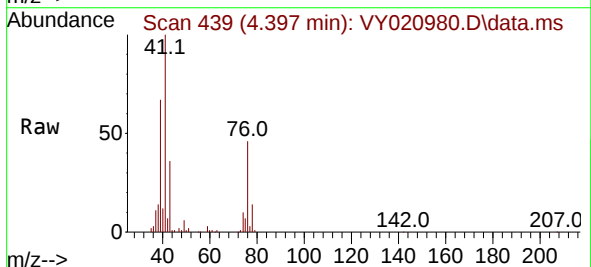


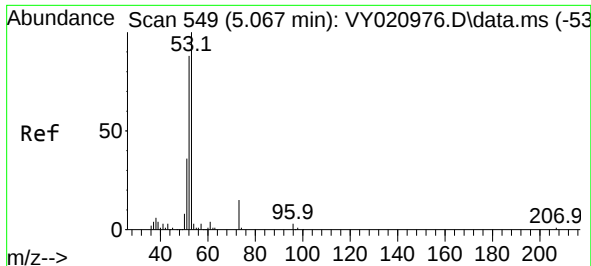
Tgt Ion: 56 Resp: 43359
Ion Ratio Lower Upper
56 100
55 71.1 56.1 84.1



#14
Allyl chloride
Concen: 47.698 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

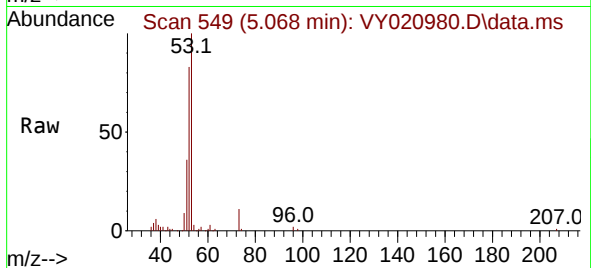
Tgt Ion: 41 Resp: 143163
Ion Ratio Lower Upper
41 100
39 66.5 53.5 80.3
76 42.9 34.6 52.0



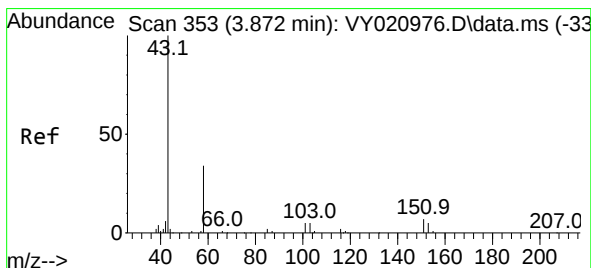
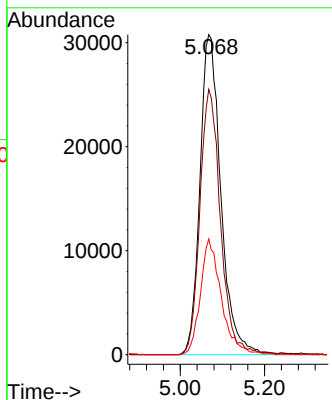
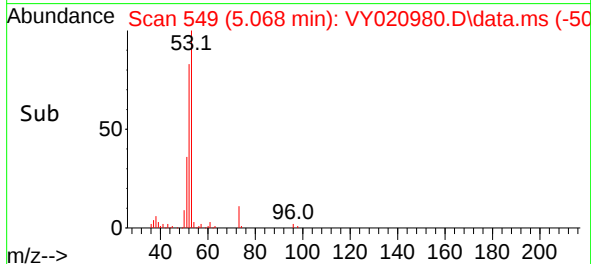


#15
Acrylonitrile
Concen: 250.576 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

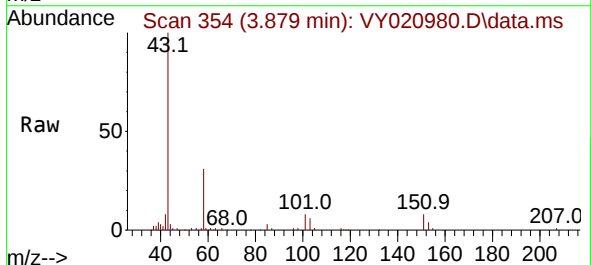
Instrument :
MSVOA_Y
ClientSampleId :



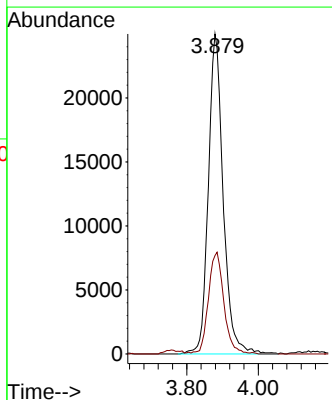
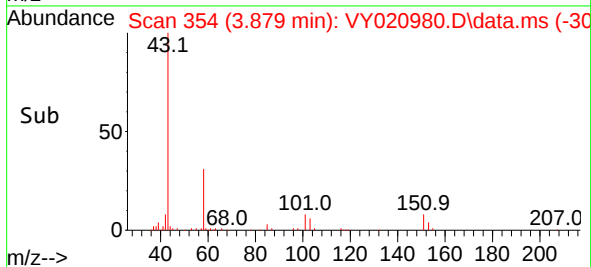
Tgt Ion: 53 Resp: 106605
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.4
51 36.1 29.4 44.0

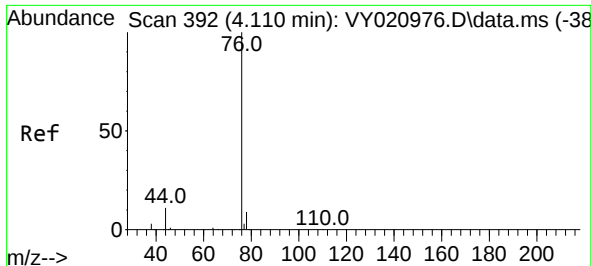


#16
Acetone
Concen: 241.556 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26



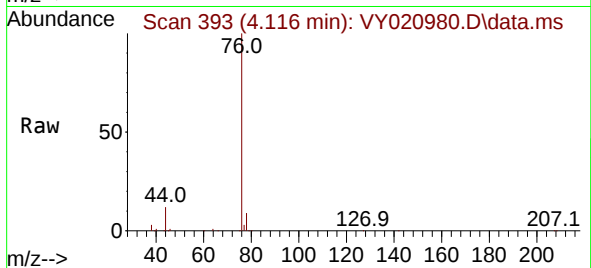
Tgt Ion: 43 Resp: 72199
Ion Ratio Lower Upper
43 100
58 30.8 28.4 42.6



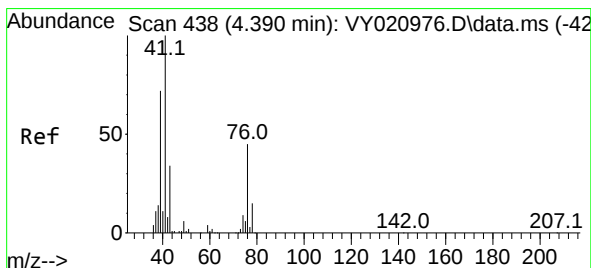
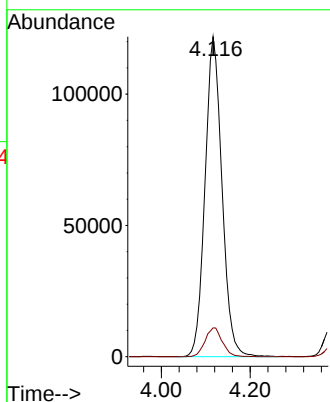
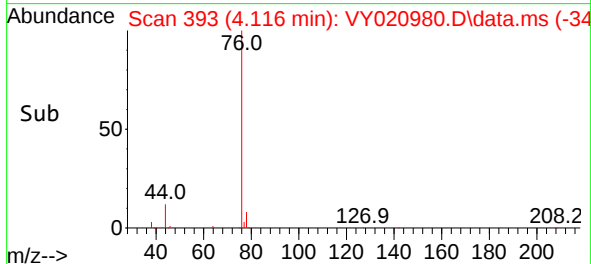


#17
Carbon Disulfide
Concen: 48.225 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

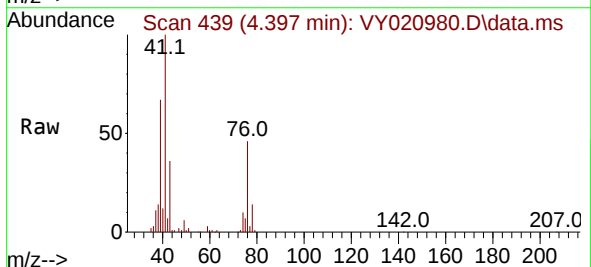
Instrument :
MSVOA_Y
ClientSampleId :



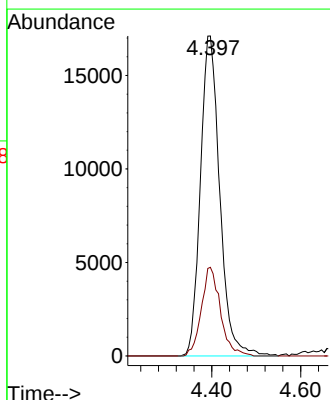
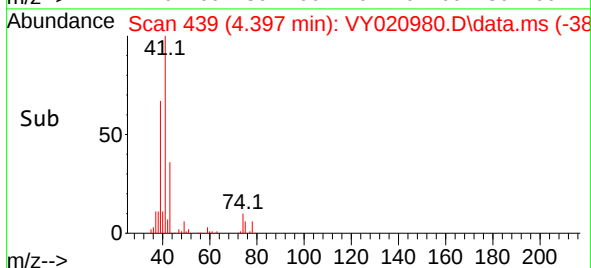
Tgt Ion: 76 Resp: 323819
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

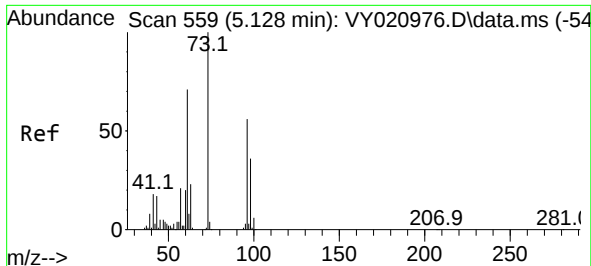


#18
Methyl Acetate
Concen: 49.605 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26



Tgt Ion: 43 Resp: 51880
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 48.881 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

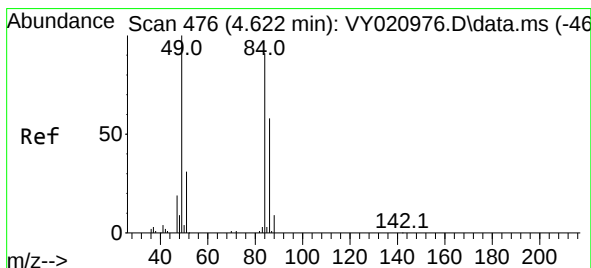
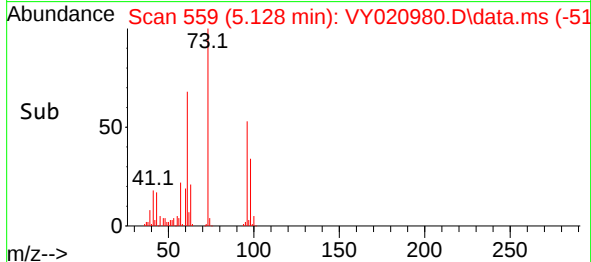
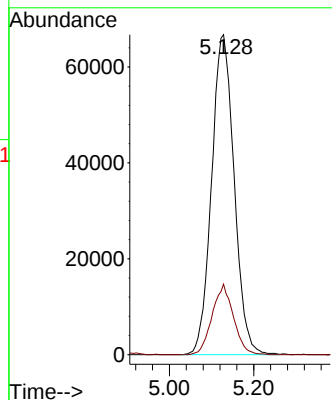
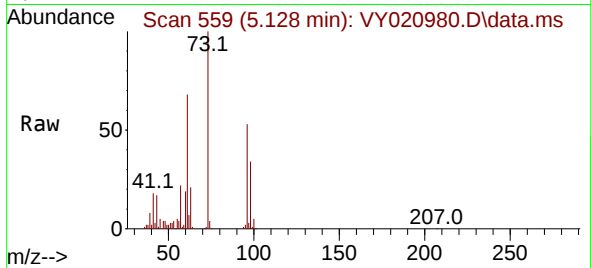
ClientSampleId :

Tgt Ion: 73 Resp: 248047

Ion Ratio Lower Upper

73 100

57 22.0 16.6 25.0



#20

Methylene Chloride

Concen: 47.110 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Tgt Ion: 84 Resp: 103852

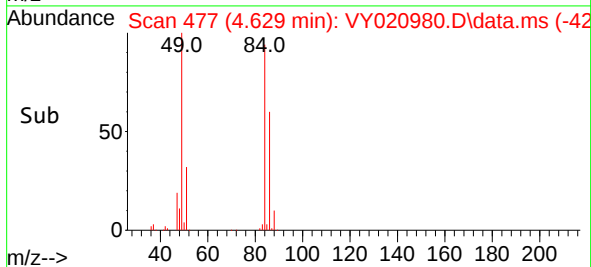
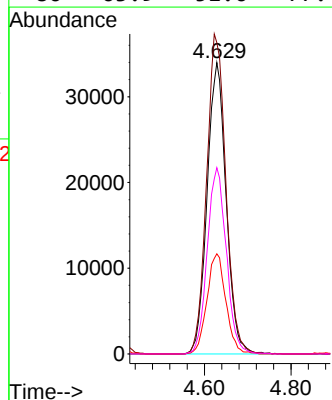
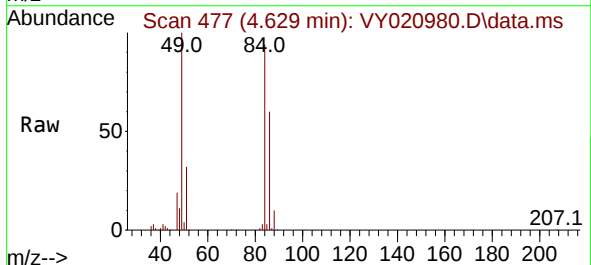
Ion Ratio Lower Upper

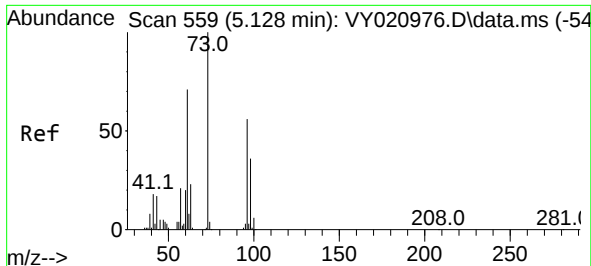
84 100

49 106.8 88.3 132.5

51 34.4 27.7 41.5

86 63.9 51.6 77.4

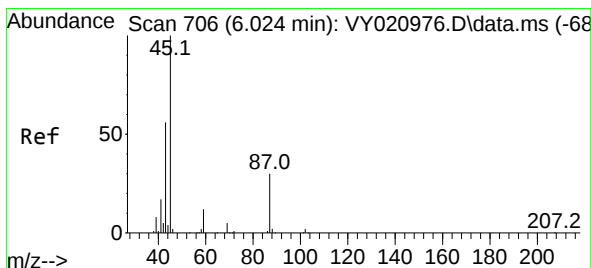
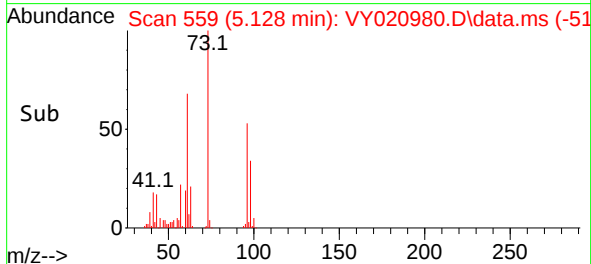
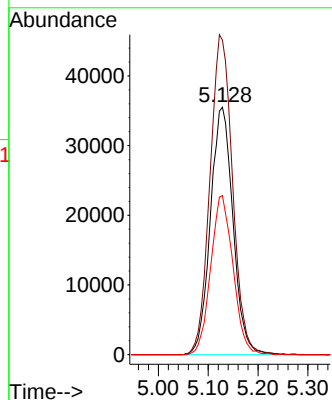
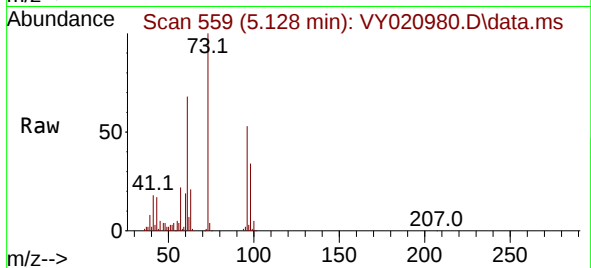




#21
trans-1,2-Dichloroethene
Concen: 47.871 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

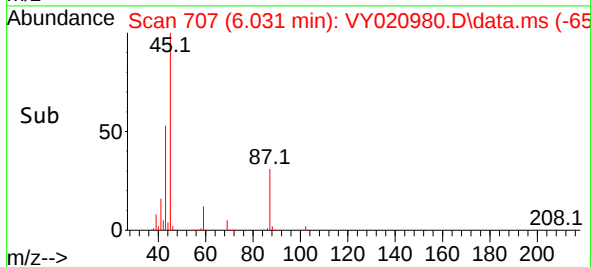
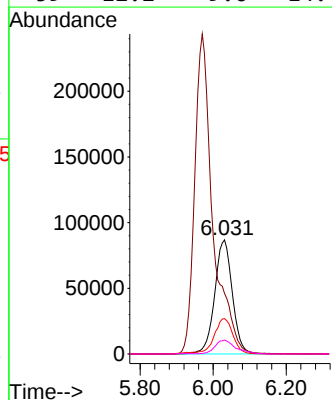
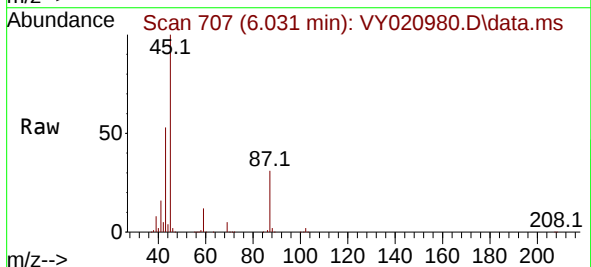
Instrument :
MSVOA_Y
ClientSampleId :

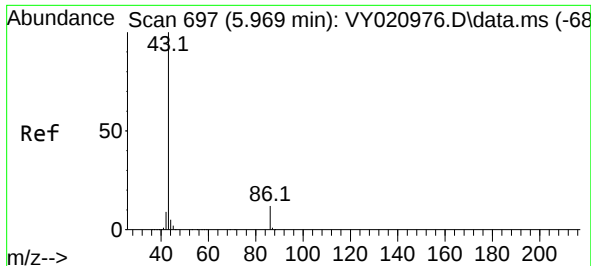
Tgt Ion: 96 Resp: 111896
Ion Ratio Lower Upper
96 100
61 127.1 101.5 152.3
98 64.2 52.0 78.0



#22
Diisopropyl ether
Concen: 47.599 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 45 Resp: 291213
Ion Ratio Lower Upper
45 100
43 52.8 45.1 67.7
87 31.0 25.0 37.4
59 12.2 9.6 14.4

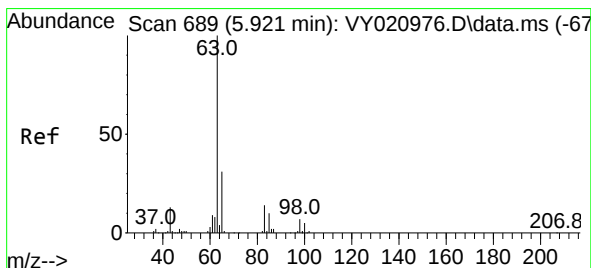
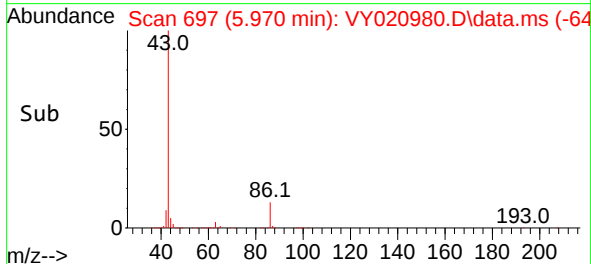
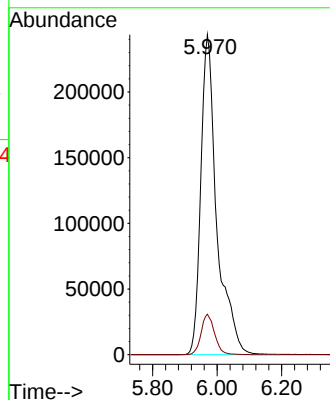
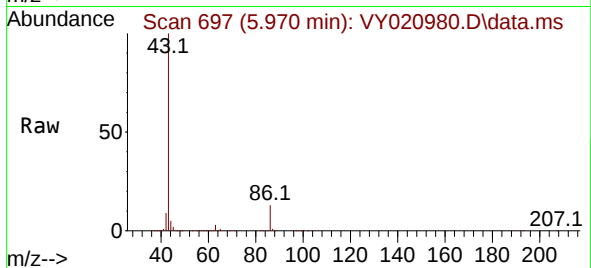




#23
 Vinyl Acetate
 Concen: 247.686 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

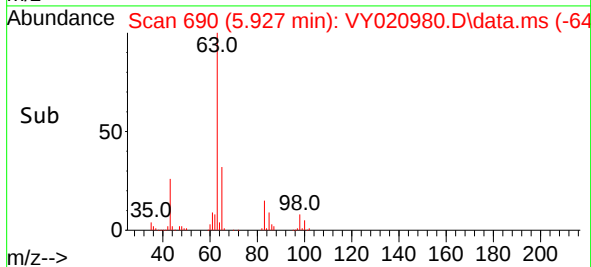
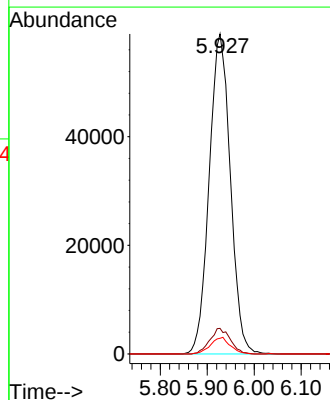
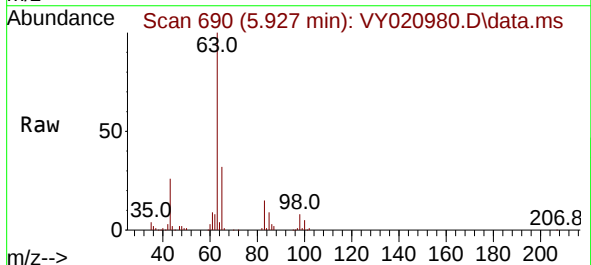
Instrument :
 MSVOA_Y
 ClientSampleId :

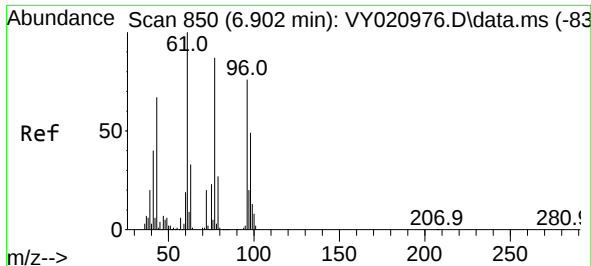
Tgt Ion: 43 Resp: 839179
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 46.709 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

Tgt Ion: 63 Resp: 184358
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.7 11.1
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 240.151 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

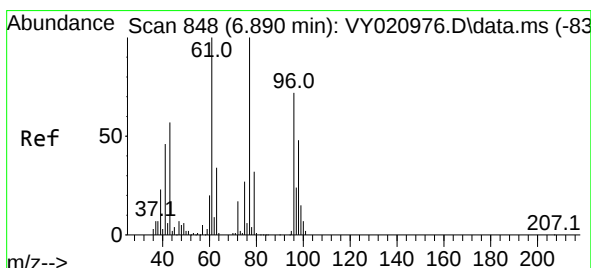
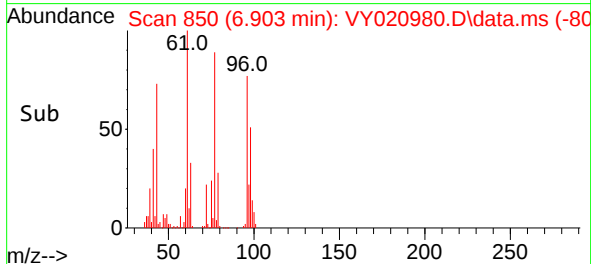
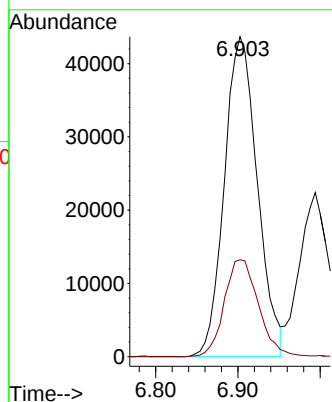
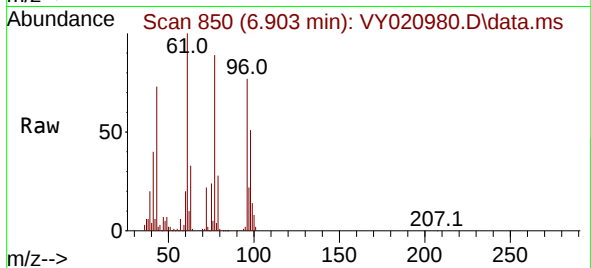
ClientSampleId :

Tgt Ion: 43 Resp: 121769

Ion Ratio Lower Upper

43 100

72 30.3 24.3 36.5



#26

2,2-Dichloropropane

Concen: 46.166 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY020980.D

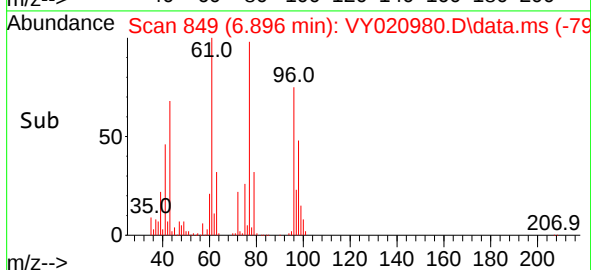
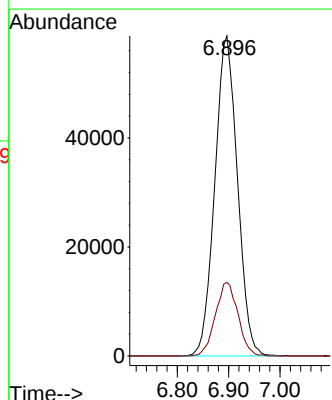
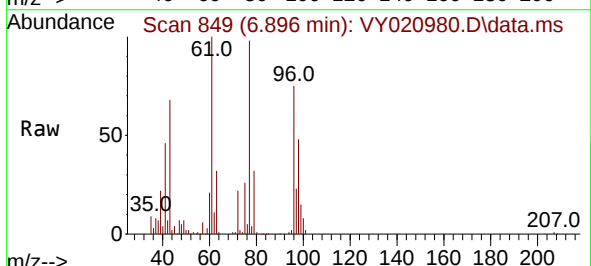
Acq: 30 Jan 2025 12:26

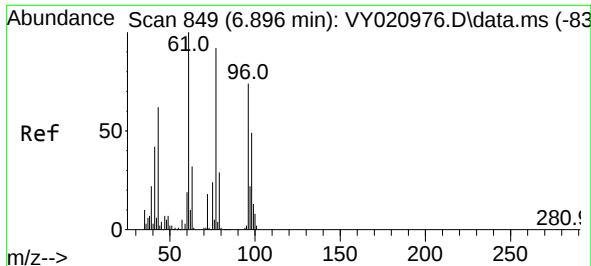
Tgt Ion: 77 Resp: 179402

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.459 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

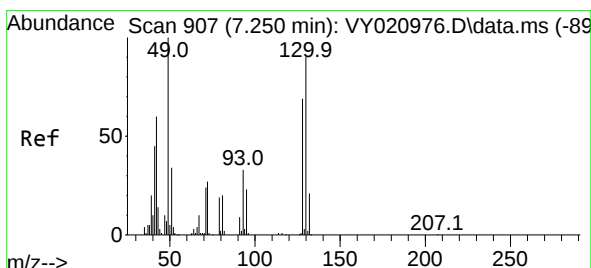
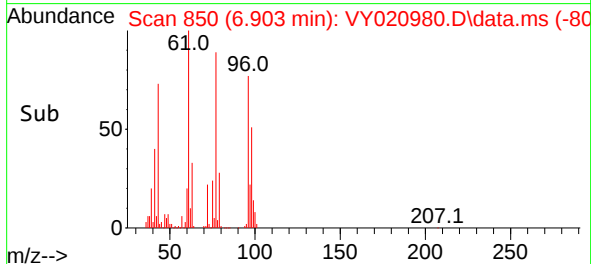
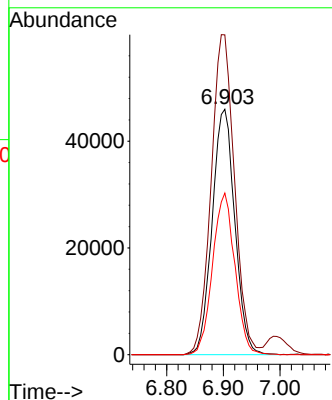
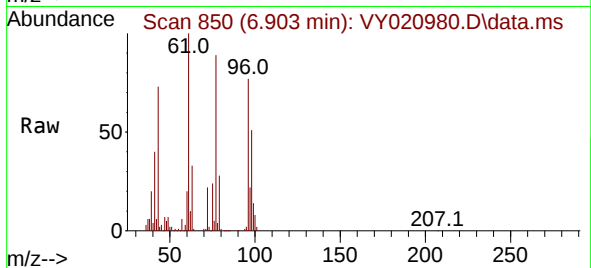
Tgt Ion: 96 Resp: 127508

Ion Ratio Lower Upper

96 100

61 134.6 0.0 274.0

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 44.288 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

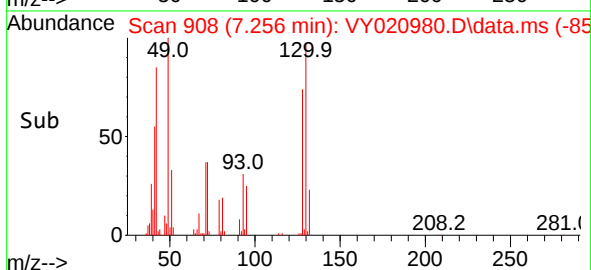
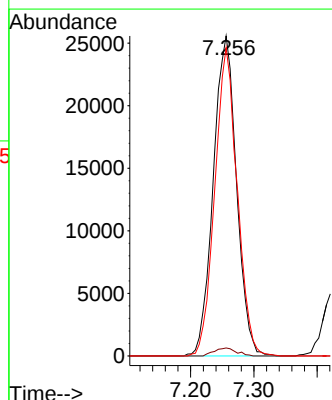
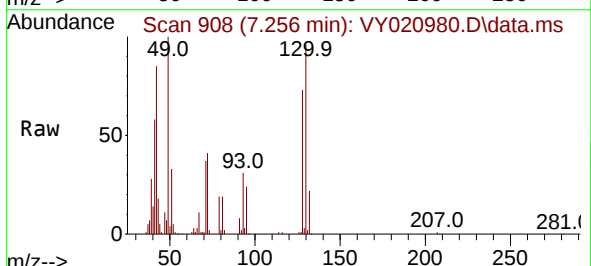
Tgt Ion: 49 Resp: 65126

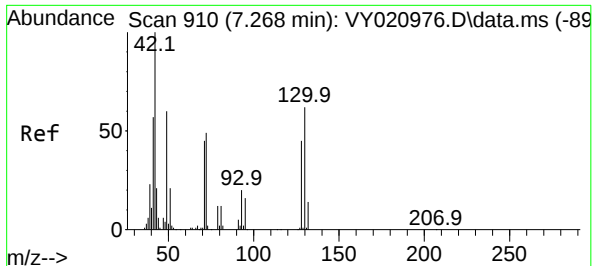
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 92.8 73.2 109.8





#29

Tetrahydrofuran

Concen: 242.863 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

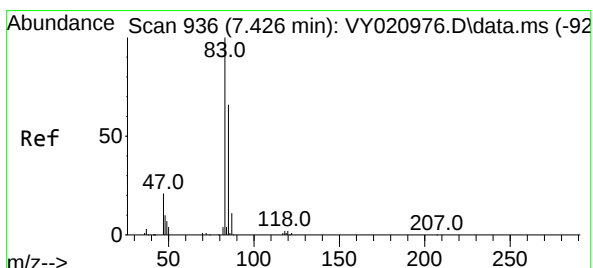
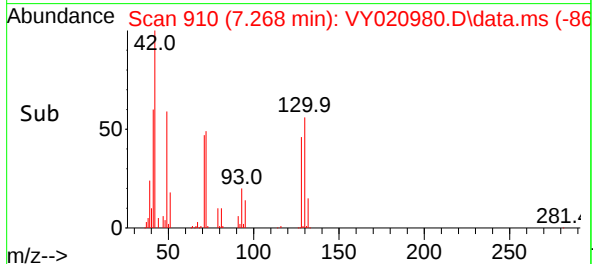
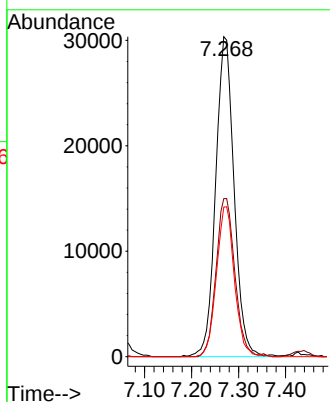
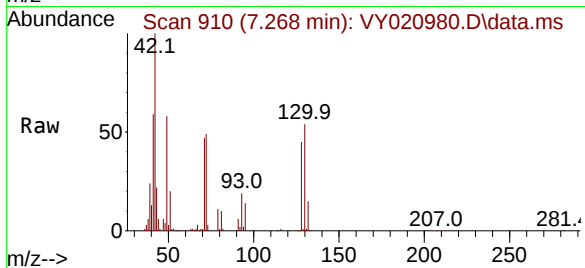
Tgt Ion: 42 Resp: 82865

Ion Ratio Lower Upper

42 100

72 50.4 39.3 58.9

71 45.9 36.1 54.1



#30

Chloroform

Concen: 46.065 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY020980.D

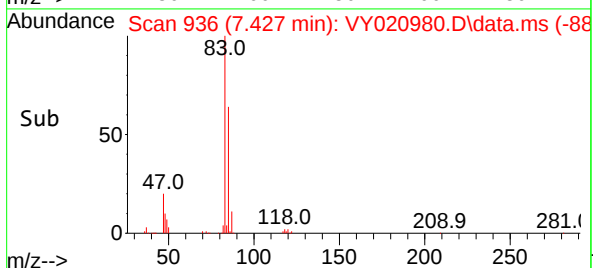
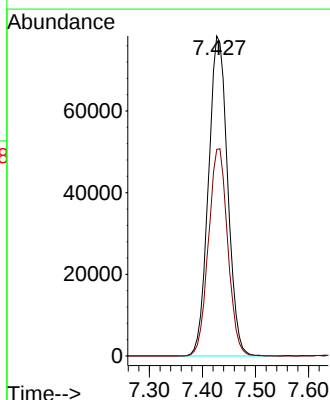
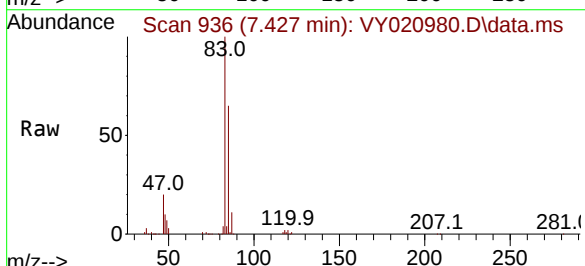
Acq: 30 Jan 2025 12:26

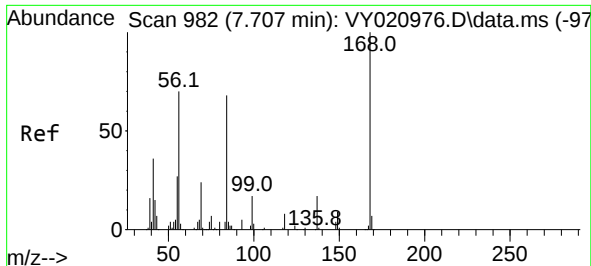
Tgt Ion: 83 Resp: 196922

Ion Ratio Lower Upper

83 100

85 64.5 52.9 79.3

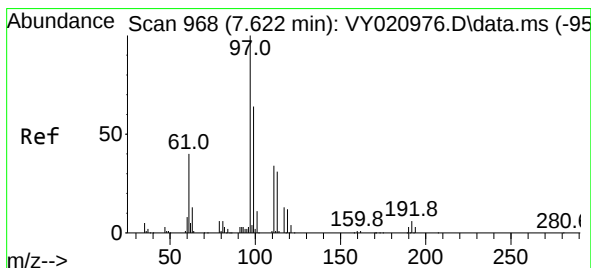
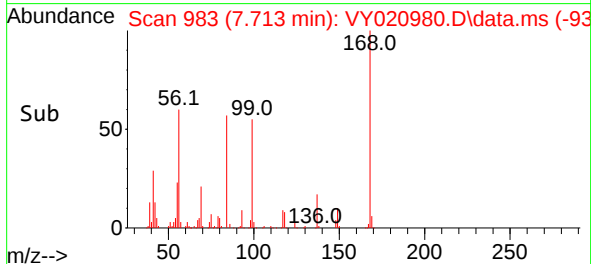
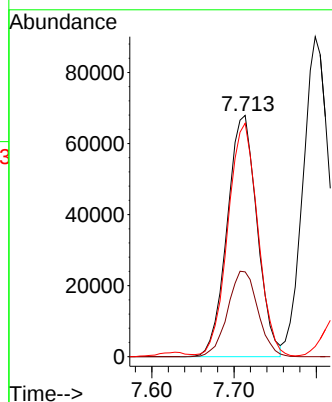
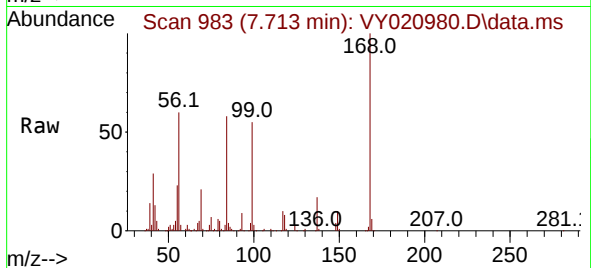




#31
Cyclohexane
Concen: 44.540 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

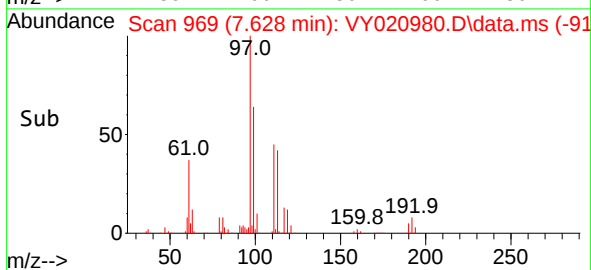
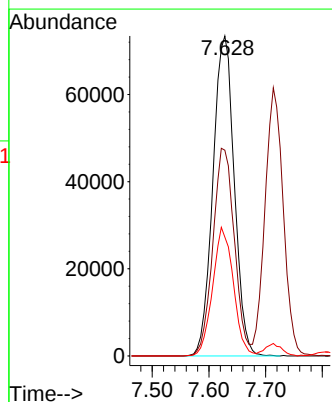
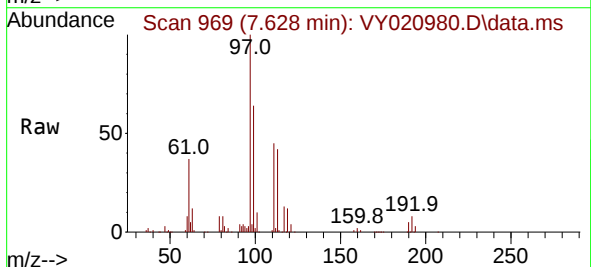
Instrument :
MSVOA_Y
ClientSampleId :

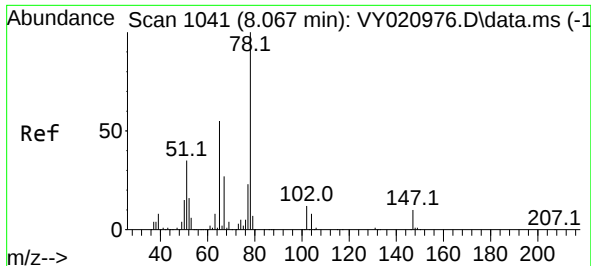
Tgt Ion: 56 Resp: 171832
Ion Ratio Lower Upper
56 100
69 35.2 27.7 41.5
84 95.0 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 46.378 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 97 Resp: 191876
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 39.0 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 50.106 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

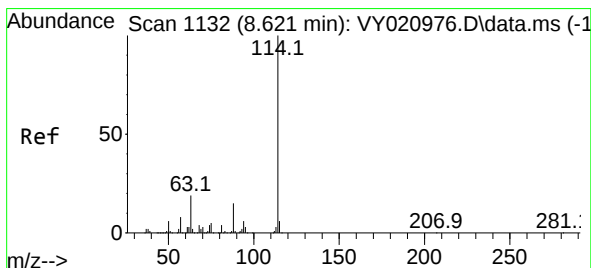
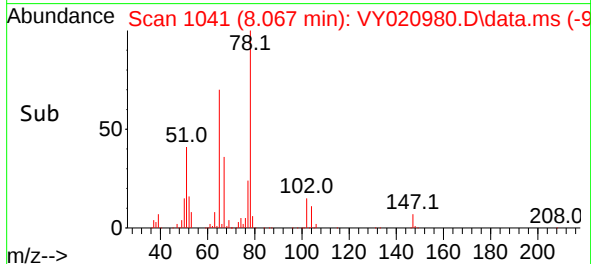
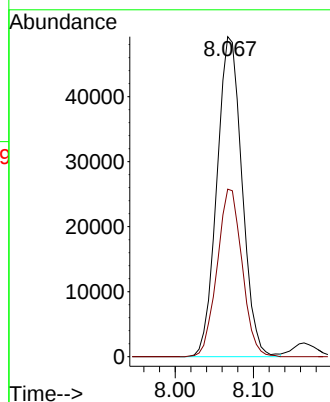
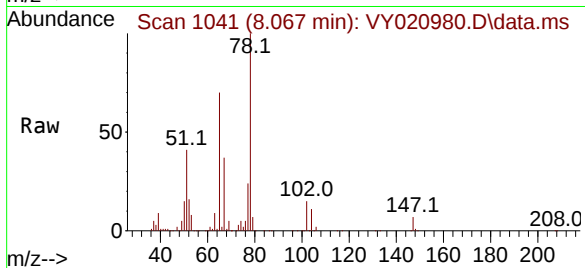
ClientSampleId :

Tgt Ion: 65 Resp: 109881

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

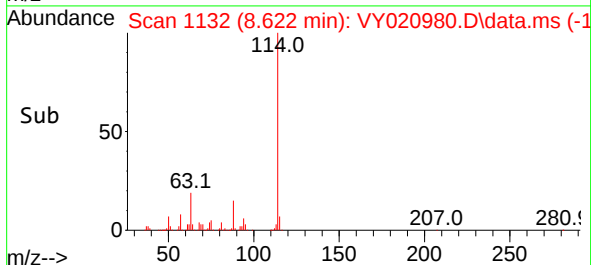
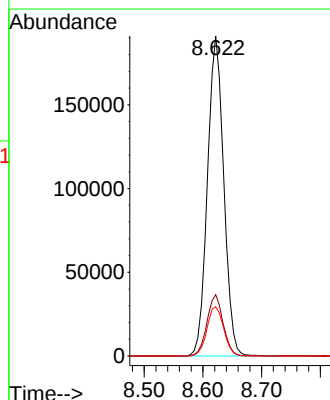
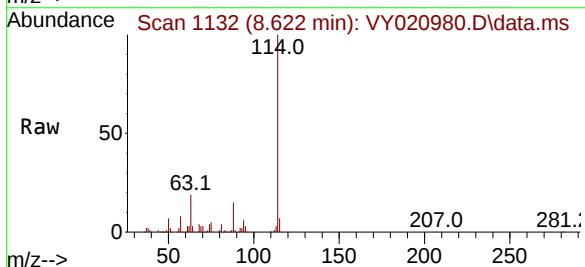
Tgt Ion: 114 Resp: 368311

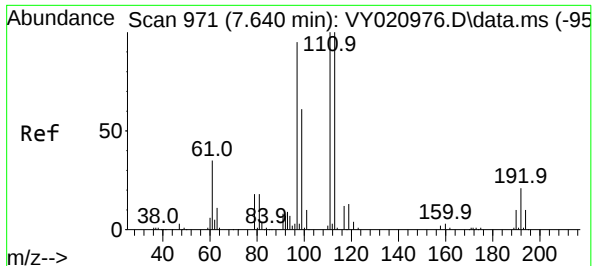
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.2

88 15.3 0.0 29.6

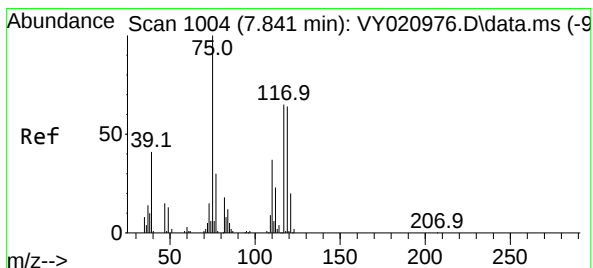
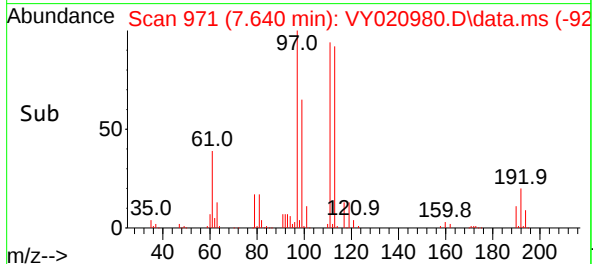
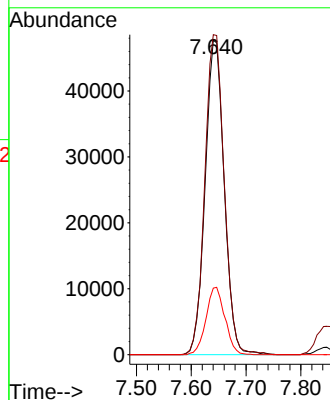
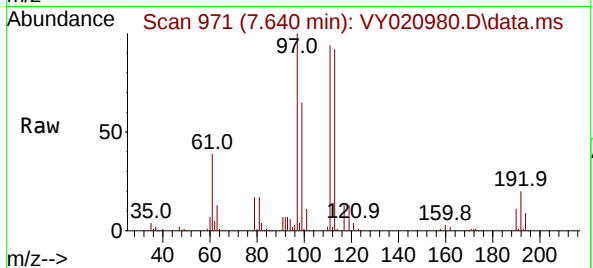




#35
Dibromofluoromethane
Concen: 51.960 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

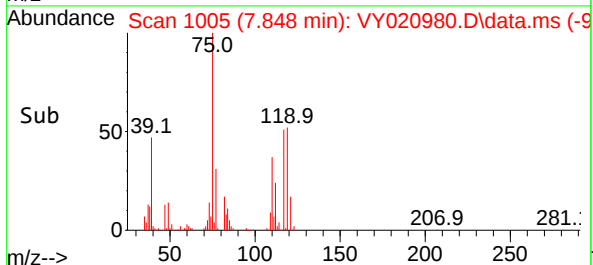
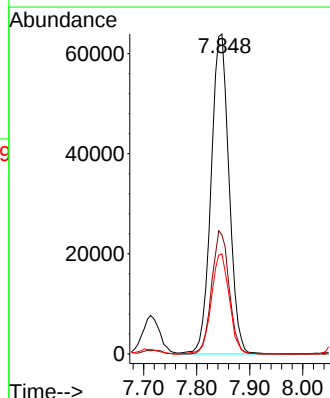
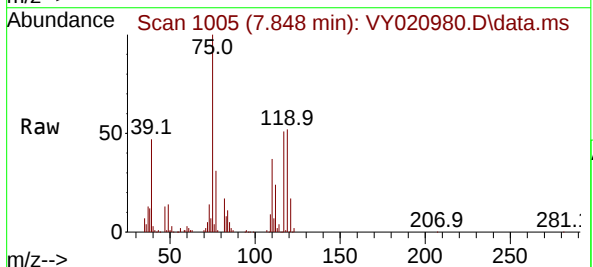
Instrument :
MSVOA_Y
ClientSampleId :

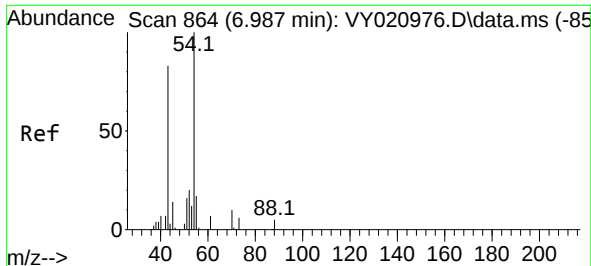
Tgt Ion:113 Resp: 115051
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.679 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

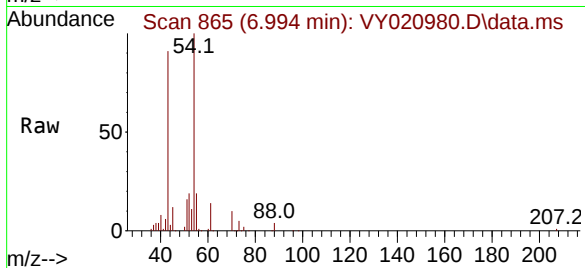
Tgt Ion: 75 Resp: 150610
Ion Ratio Lower Upper
75 100
110 37.2 18.4 55.2
77 31.3 24.9 37.3



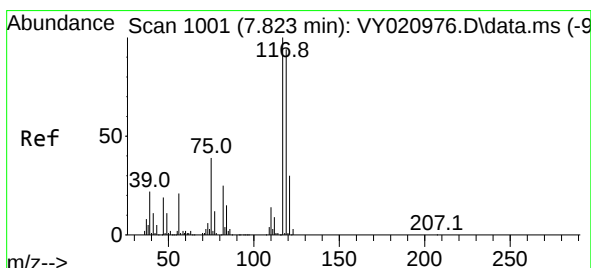
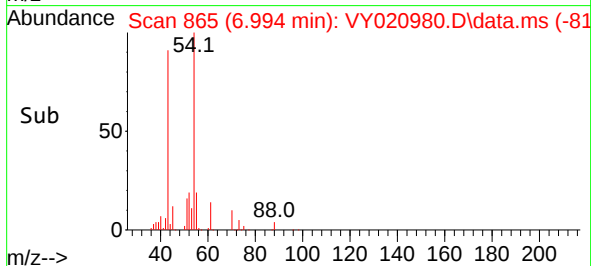
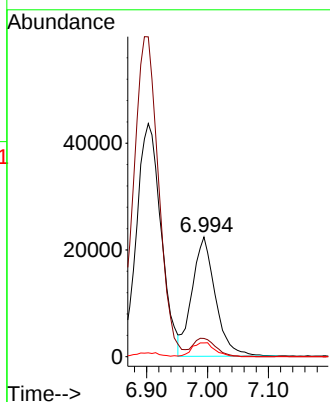


#37
Ethyl Acetate
Concen: 50.570 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Instrument :
MSVOA_Y
ClientSampleId :

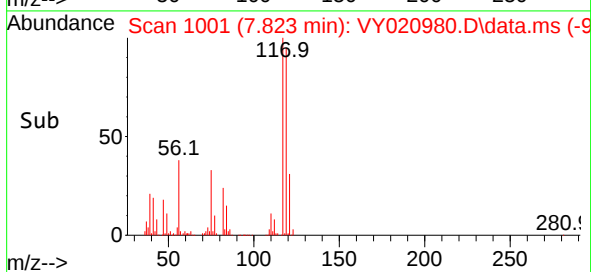
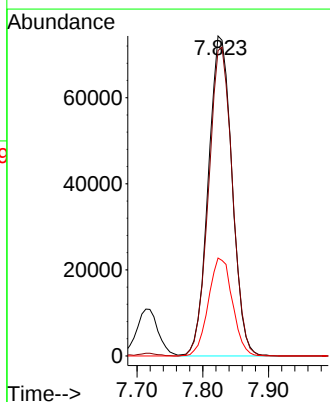
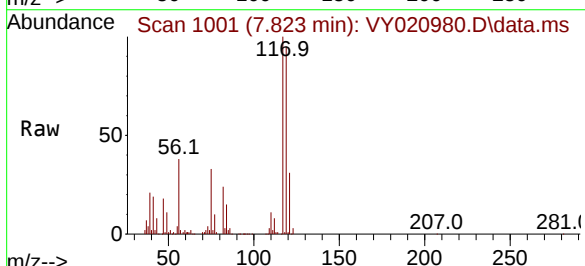


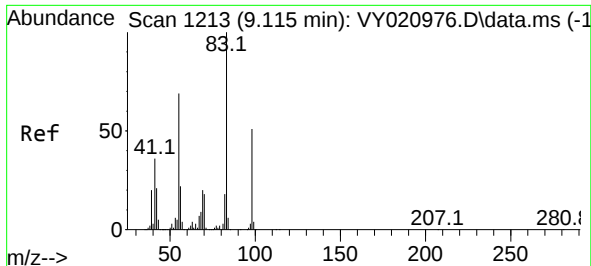
Tgt Ion: 43 Resp: 59554
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 11.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.660 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 117 Resp: 186306
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.6
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.042 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

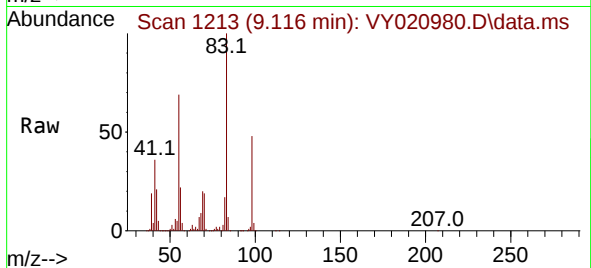
Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :



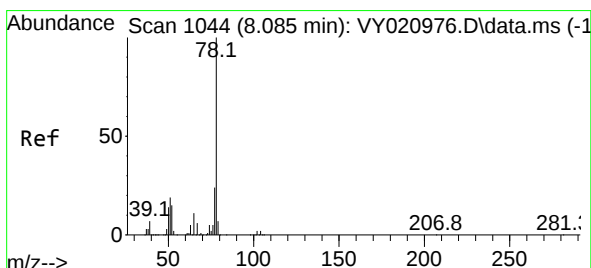
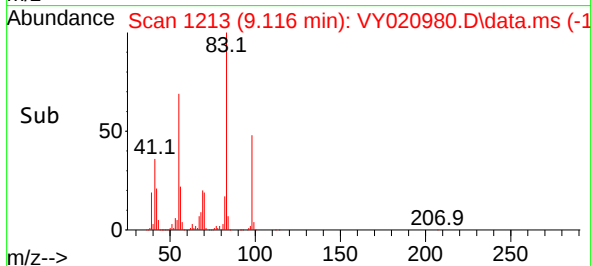
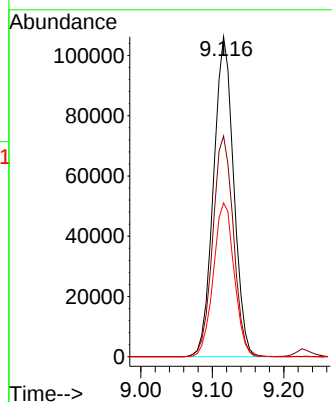
Tgt Ion: 83 Resp: 208108

Ion Ratio Lower Upper

83 100

55 69.0 54.9 82.3

98 48.0 40.5 60.7



#40

Benzene

Concen: 47.936 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020980.D

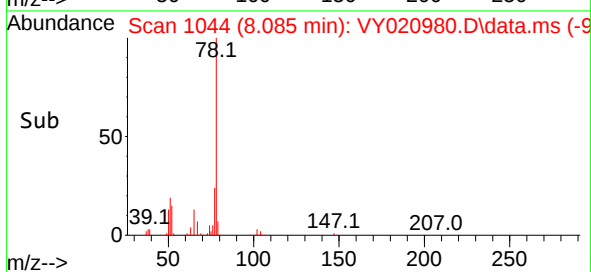
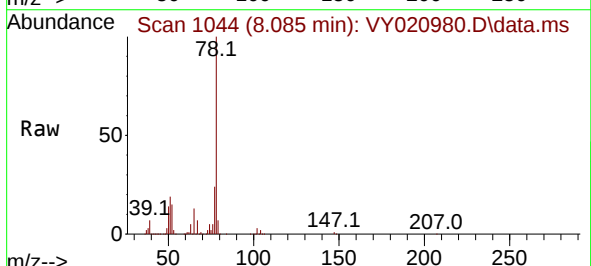
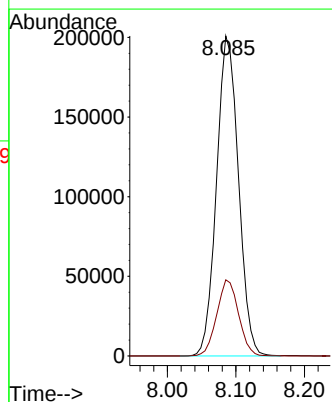
Acq: 30 Jan 2025 12:26

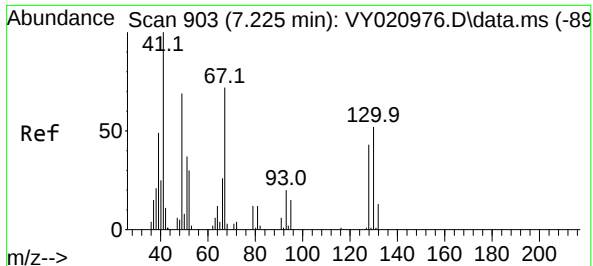
Tgt Ion: 78 Resp: 445547

Ion Ratio Lower Upper

78 100

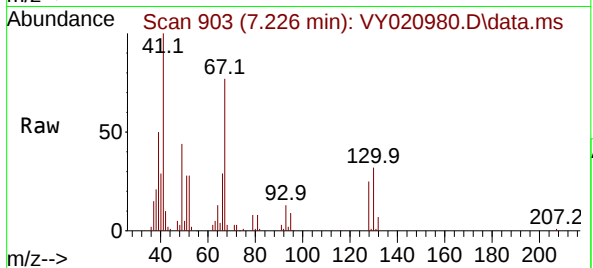
77 23.8 19.4 29.2



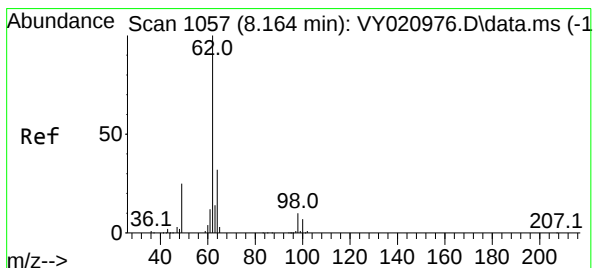
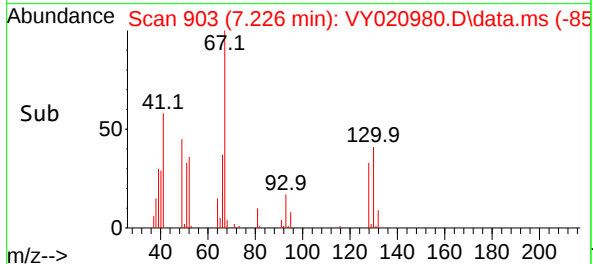
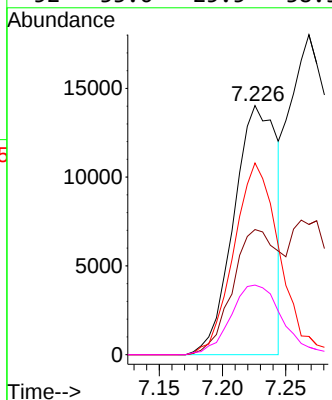


#41
Methacrylonitrile
Concen: 50.894 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Instrument :
MSVOA_Y
ClientSampleId :

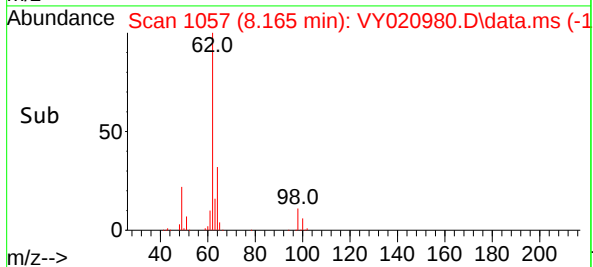
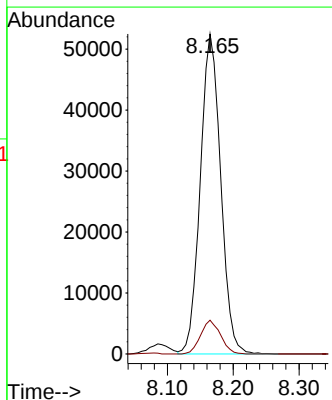
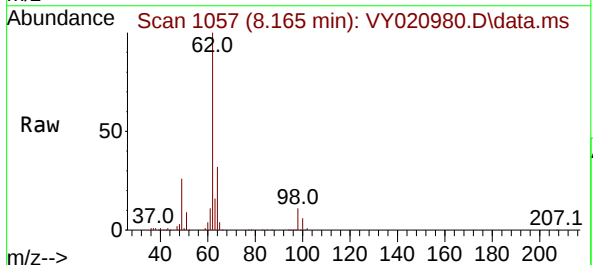


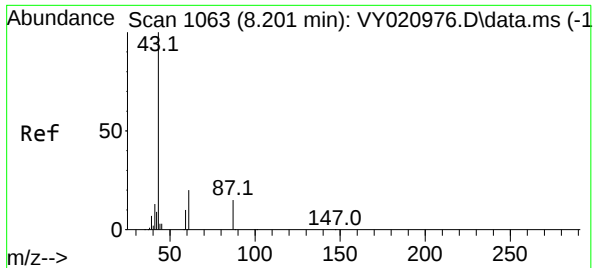
Tgt Ion:	41	Resp:	33162
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.6	62.4
67	82.8	63.8	95.6
52	33.6	25.5	38.3



#42
1,2-Dichloroethane
Concen: 48.031 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion:	62	Resp:	113218
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4

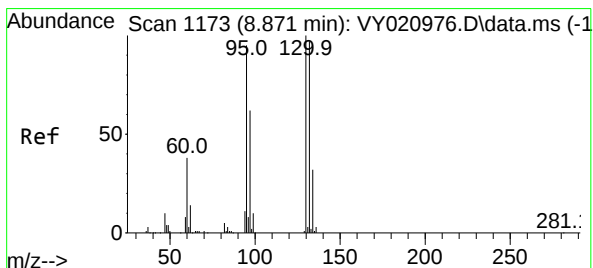
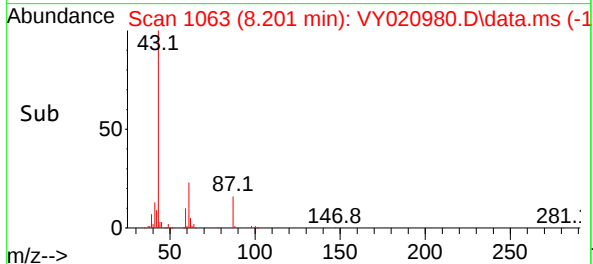
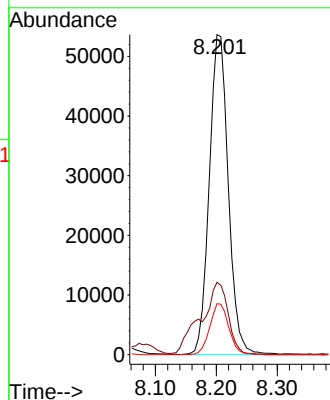
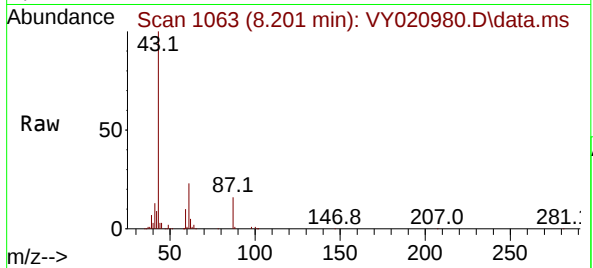




#43
Isopropyl Acetate
Concen: 49.464 ug/l
RT: 8.201 min Scan# 116373
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

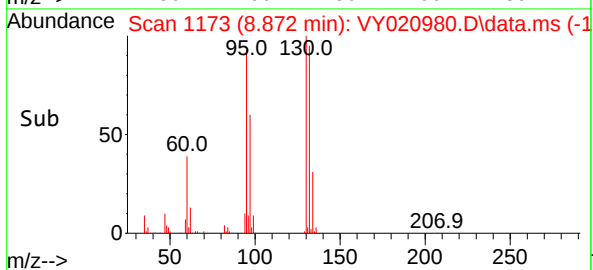
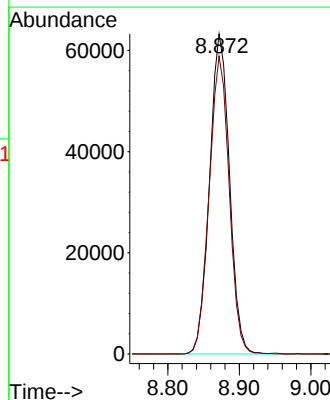
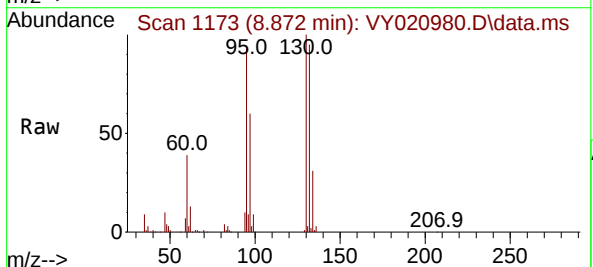
Instrument :
MSVOA_Y
ClientSampleId :

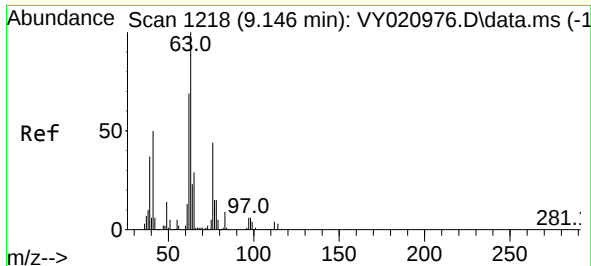
Tgt Ion: 43 Resp: 116373
Ion Ratio Lower Upper
43 100
61 32.6 15.8 23.6#
87 15.9 12.5 18.7



#44
Trichloroethene
Concen: 47.639 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion:130 Resp: 122181
Ion Ratio Lower Upper
130 100
95 93.0 0.0 189.6

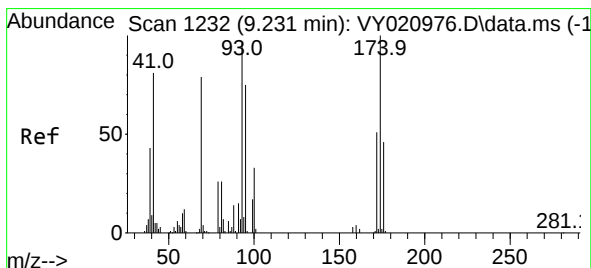
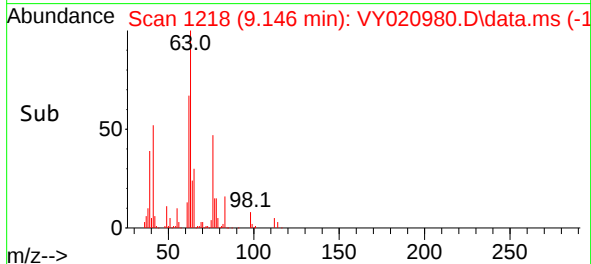
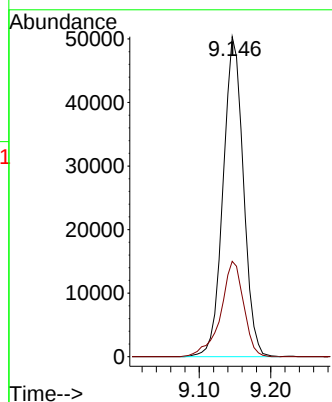
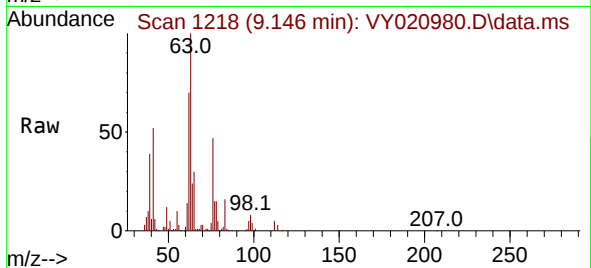




#45
1,2-Dichloropropane
Concen: 47.618 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

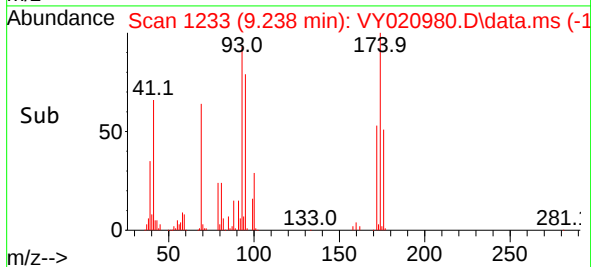
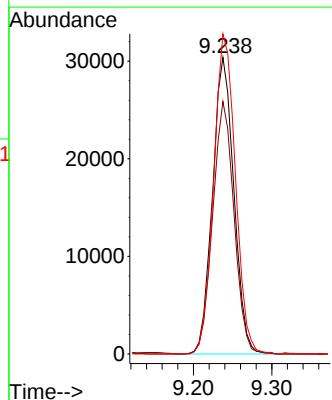
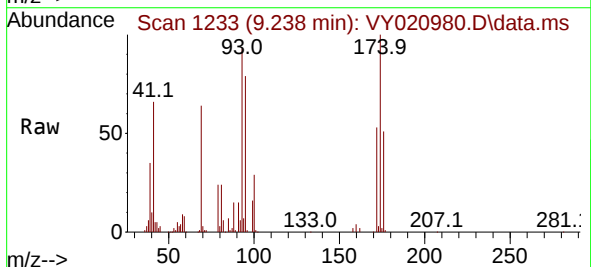
Instrument :
MSVOA_Y
ClientSampleId :

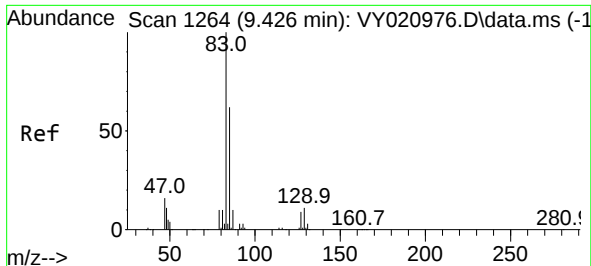
Tgt Ion: 63 Resp: 99201
Ion Ratio Lower Upper
63 100
65 29.8 23.6 35.4



#46
Dibromomethane
Concen: 47.419 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 93 Resp: 57488
Ion Ratio Lower Upper
93 100
95 84.9 65.8 98.8
174 110.0 88.1 132.1

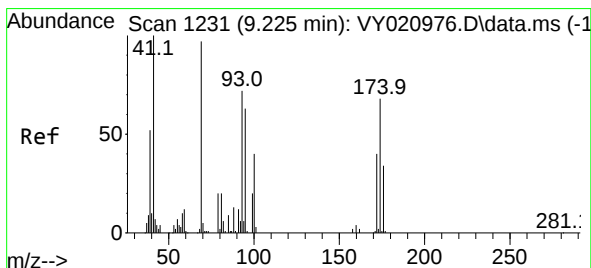
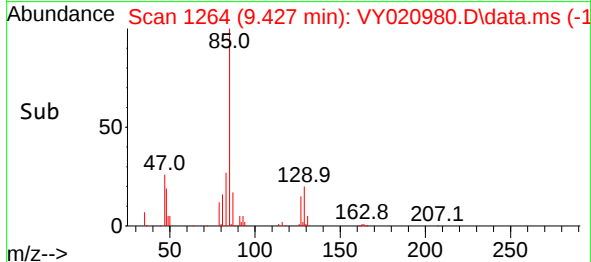
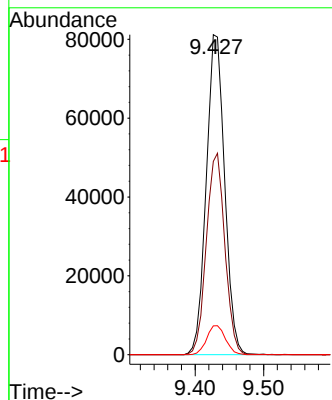
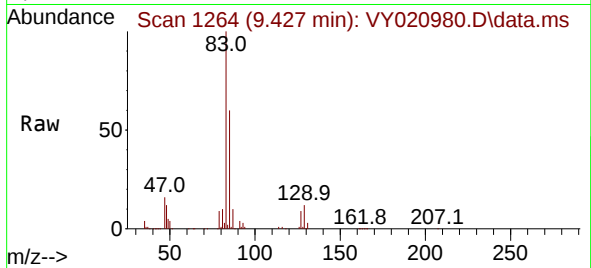




#47
Bromodichloromethane
Concen: 47.560 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

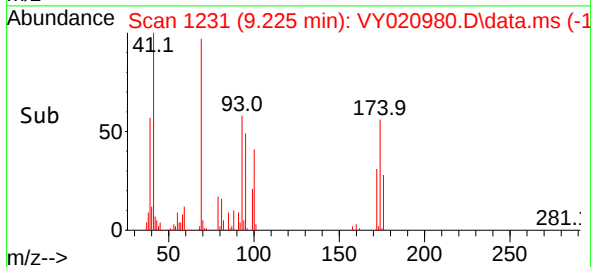
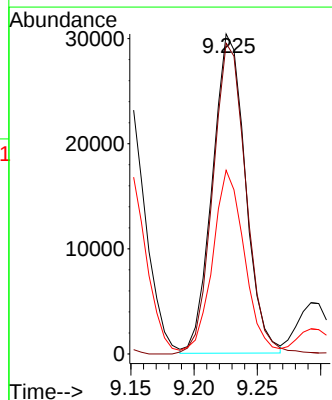
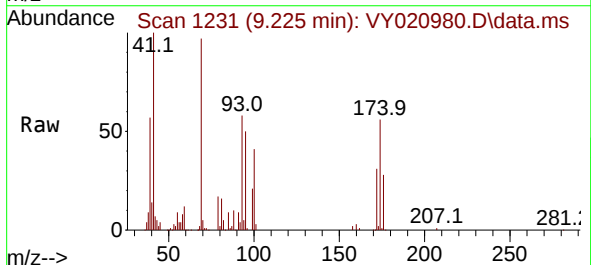
Instrument :
MSVOA_Y
ClientSampleId :

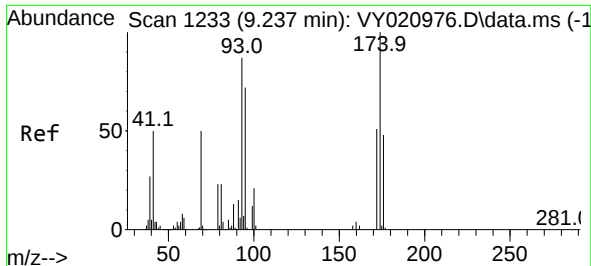
Tgt Ion: 83 Resp: 151421
Ion Ratio Lower Upper
83 100
85 60.4 49.6 74.4
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 49.093 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 41 Resp: 54989
Ion Ratio Lower Upper
41 100
69 97.8 75.6 113.4
39 53.3 41.3 61.9





#49

1,4-Dioxane

Concen: 968.915 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

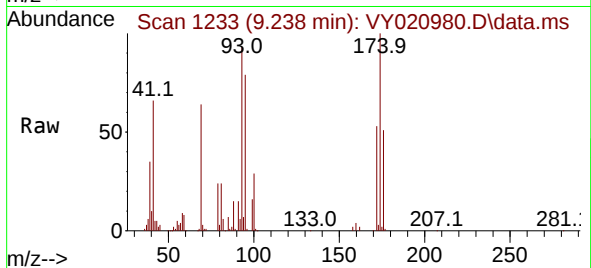
Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :



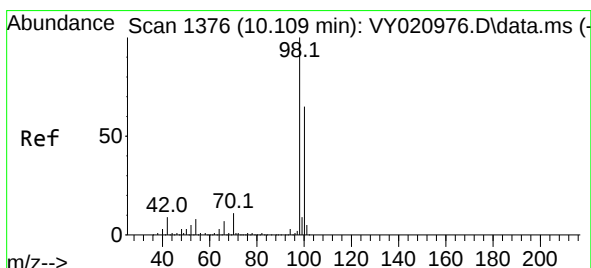
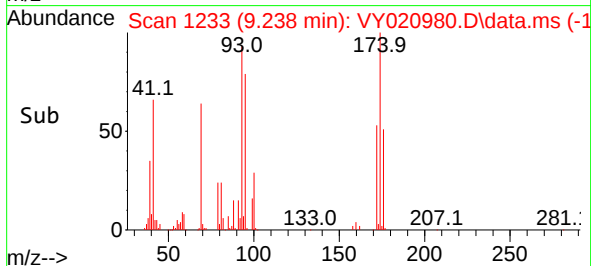
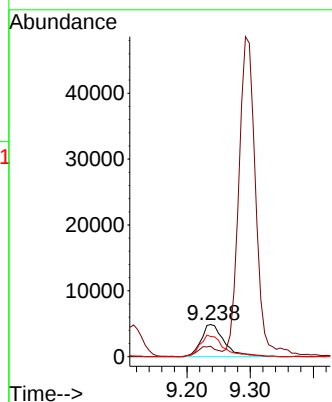
Tgt Ion: 88 Resp: 12482

Ion Ratio Lower Upper

88 100

43 28.2 24.2 36.4

58 69.1 57.3 85.9



#50

Toluene-d8

Concen: 52.314 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.007 min

Lab File: VY020980.D

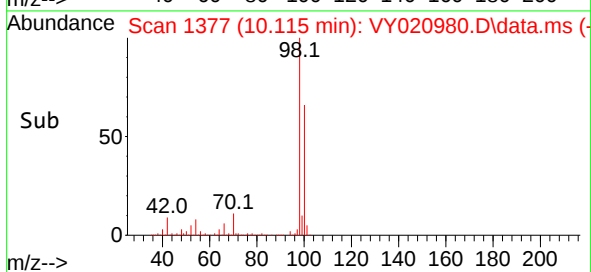
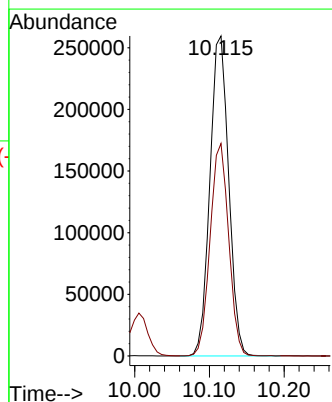
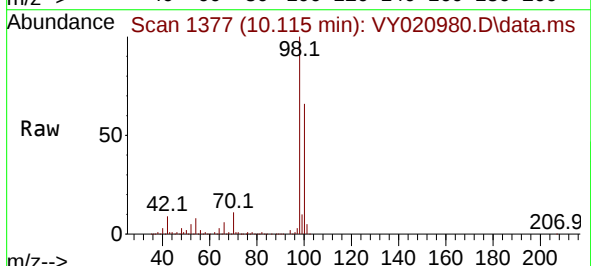
Acq: 30 Jan 2025 12:26

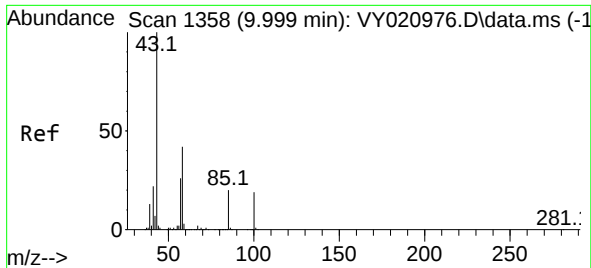
Tgt Ion: 98 Resp: 452111

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0

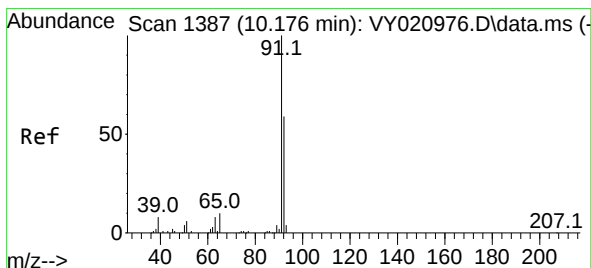
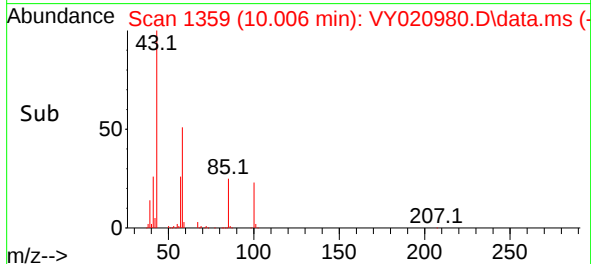
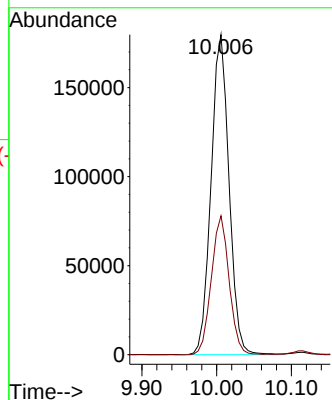
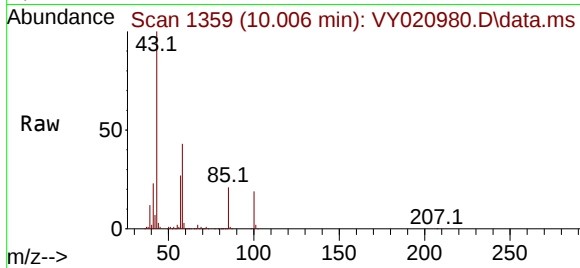




#51
4-Methyl-2-Pentanone
Concen: 248.421 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

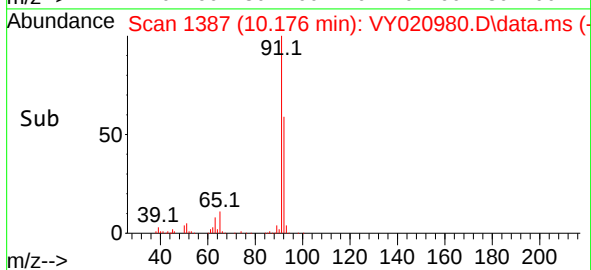
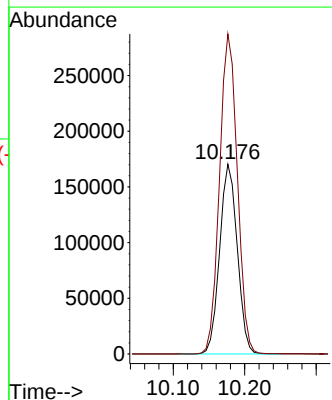
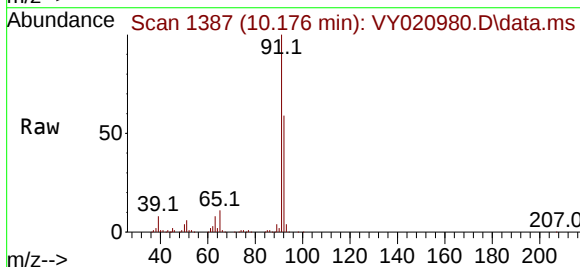
Instrument :
MSVOA_Y
ClientSampleId :

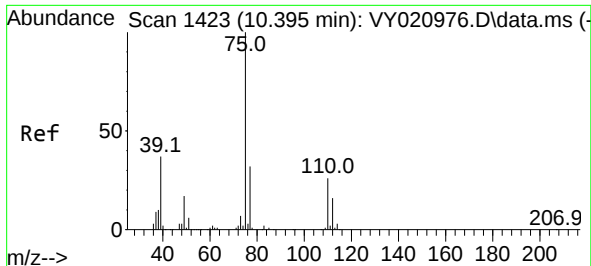
Tgt Ion: 43 Resp: 300318
Ion Ratio Lower Upper
43 100
58 43.0 33.8 50.8



#52
Toluene
Concen: 48.263 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 92 Resp: 291183
Ion Ratio Lower Upper
92 100
91 171.1 135.8 203.8

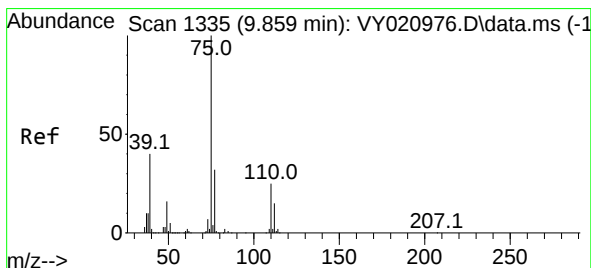
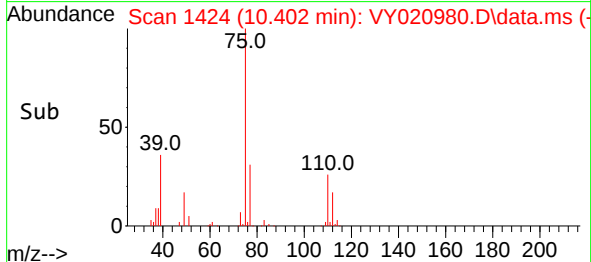
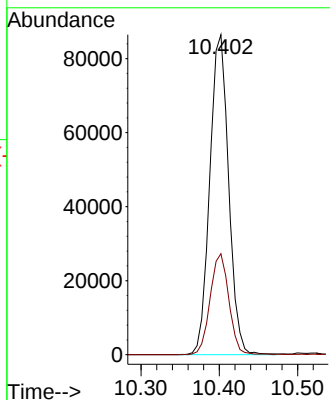
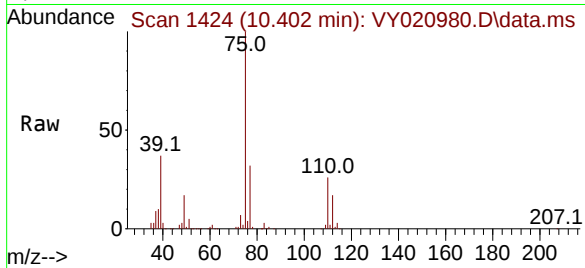




#53
 t-1,3-Dichloropropene
 Concen: 50.105 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.007 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

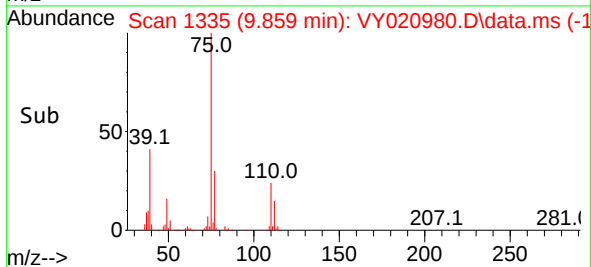
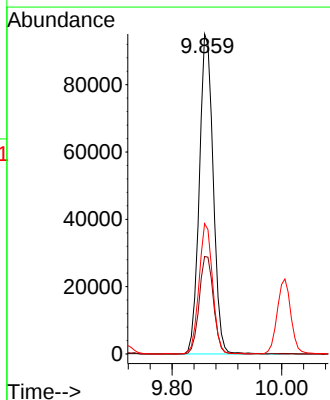
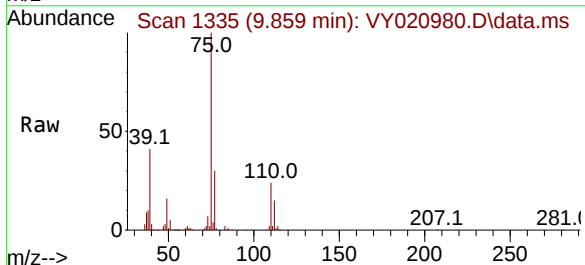
Instrument :
 MSVOA_Y
 ClientSampleId :

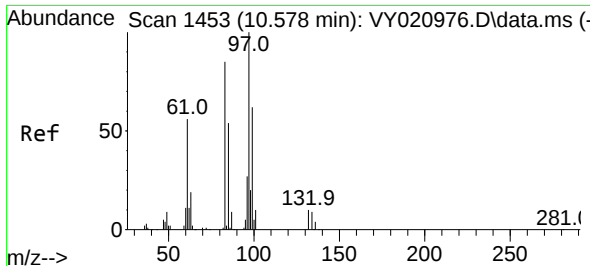
Tgt Ion: 75 Resp: 144357
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.490 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

Tgt Ion: 75 Resp: 166972
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 40.7 32.2 48.2

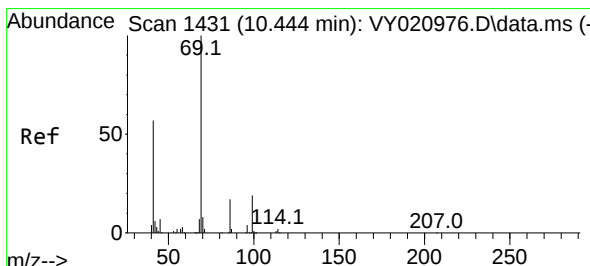
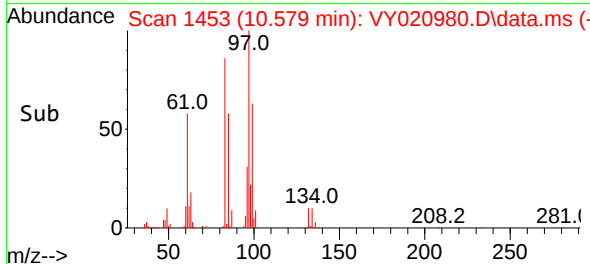
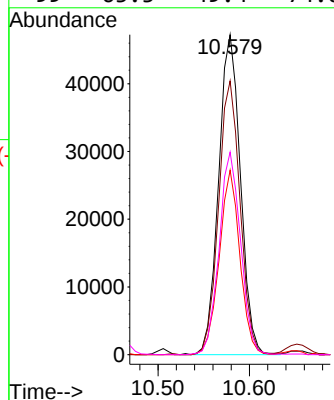
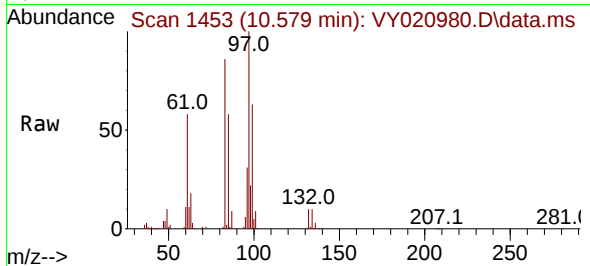




#55
1,1,2-Trichloroethane
Concen: 48.709 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

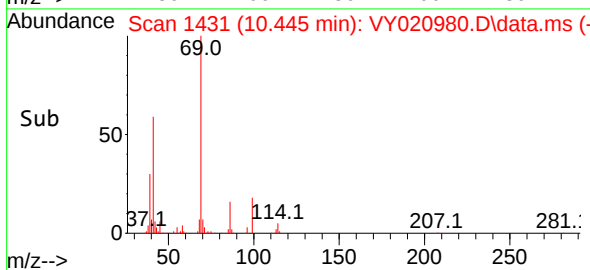
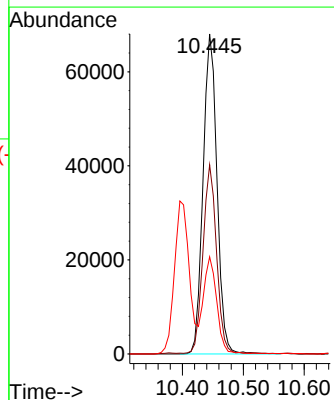
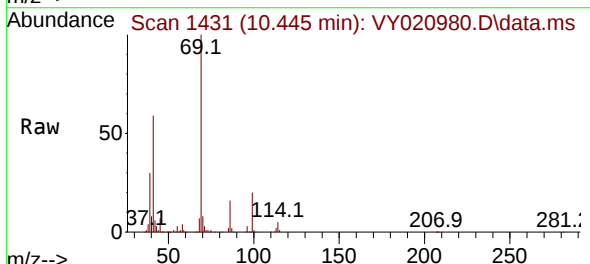
Instrument :
MSVOA_Y
ClientSampleId :

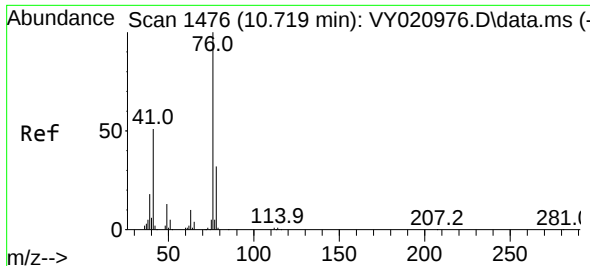
Tgt Ion: 97	Resp: 78532
Ion Ratio	Lower Upper
97 100	
83 85.6	67.7 101.5
85 57.7	43.4 65.2
99 63.3	49.4 74.0



#56
Ethyl methacrylate
Concen: 51.329 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 69	Resp: 108174		
Ion Ratio	Lower	Upper	
69 100			
41 57.1	46.3	69.5	
39 28.1	24.5	36.7	





#57

1,3-Dichloropropane

Concen: 49.266 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

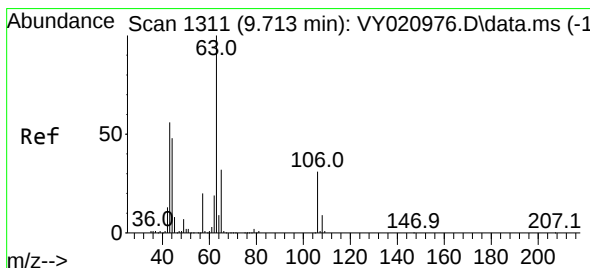
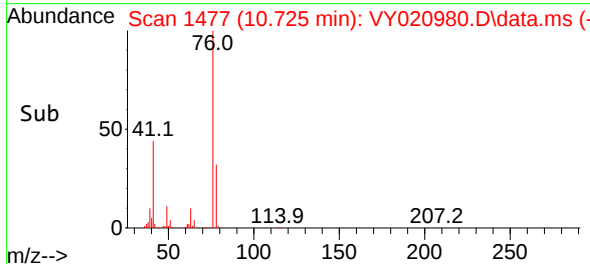
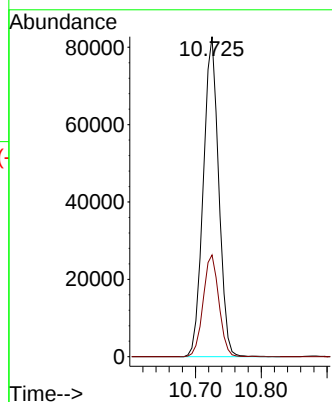
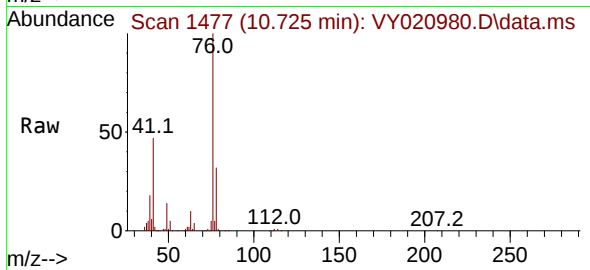
ClientSampleId :

Tgt Ion: 76 Resp: 134628

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.692 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.007 min

Lab File: VY020980.D

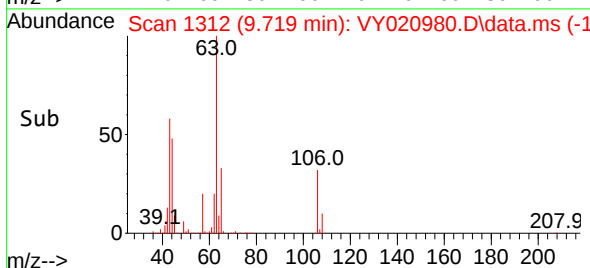
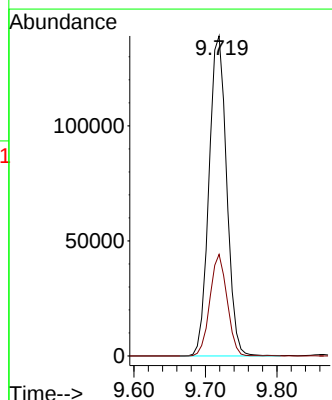
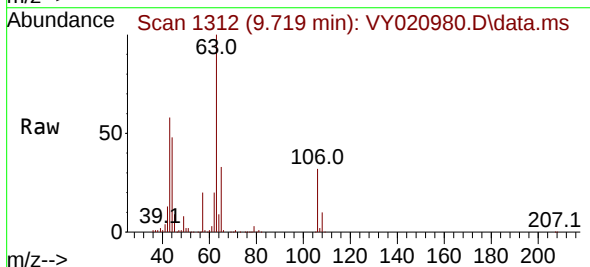
Acq: 30 Jan 2025 12:26

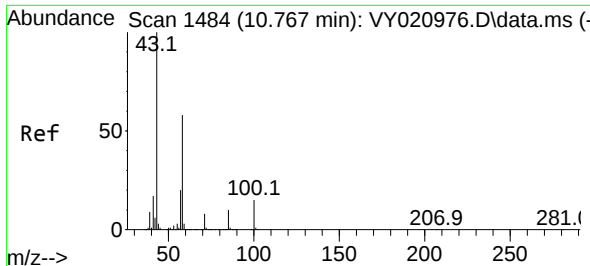
Tgt Ion: 63 Resp: 238552

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1

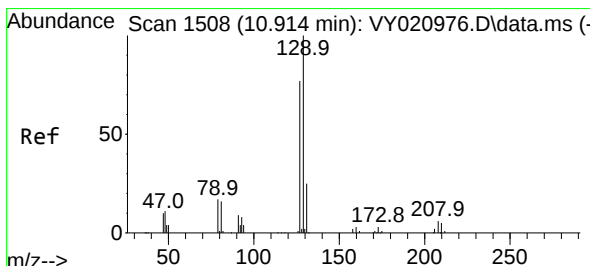
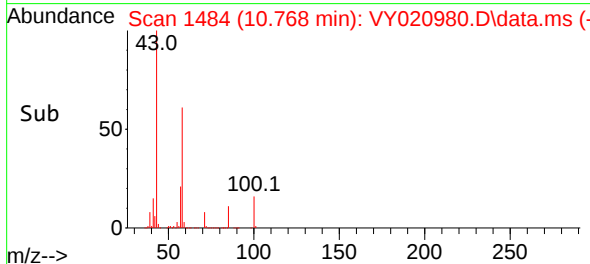
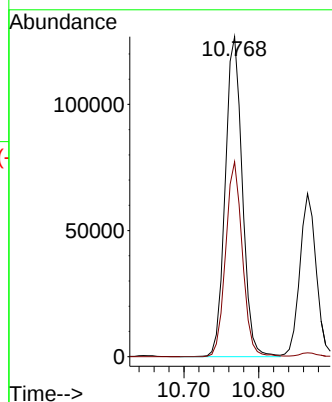
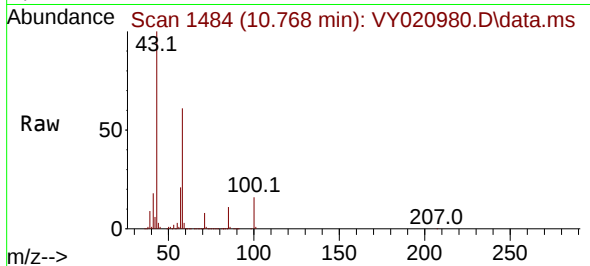




#59
2-Hexanone
Concen: 256.852 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

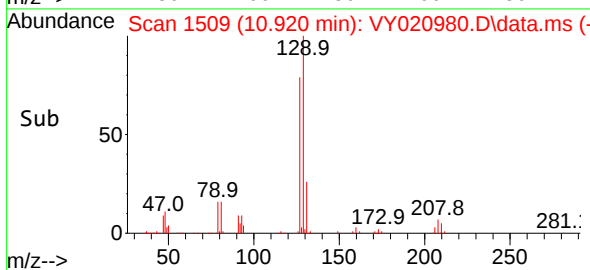
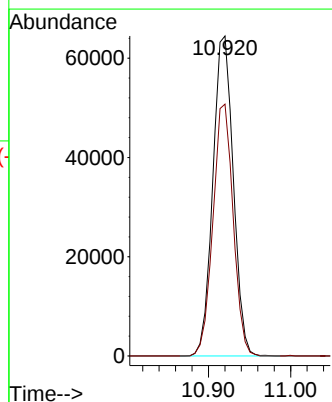
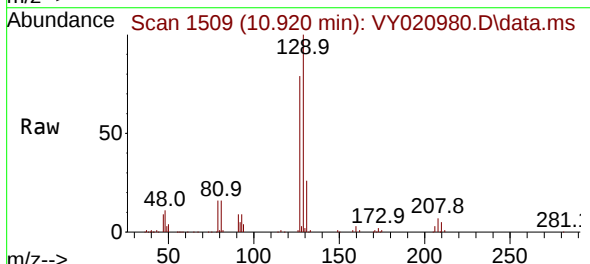
Instrument :
MSVOA_Y
ClientSampleId :

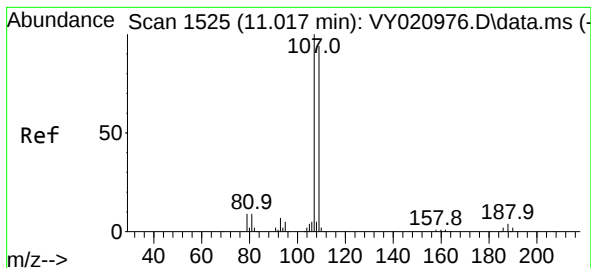
Tgt Ion: 43 Resp: 201831
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.3



#60
Dibromochloromethane
Concen: 48.432 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 129 Resp: 111336
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

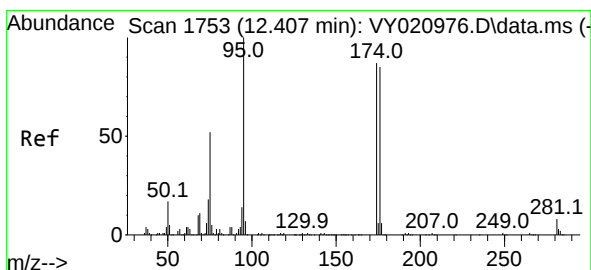
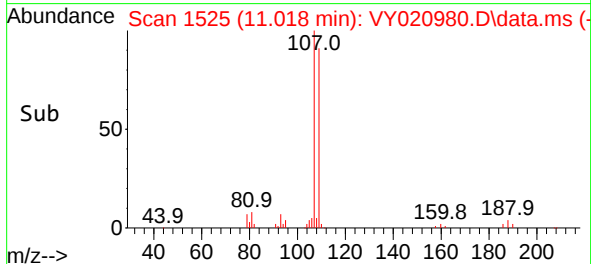
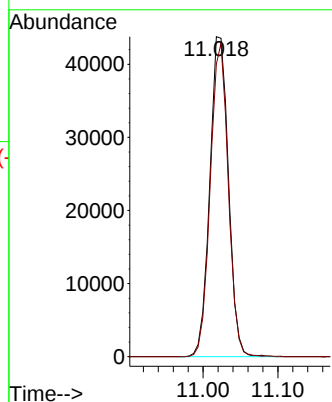
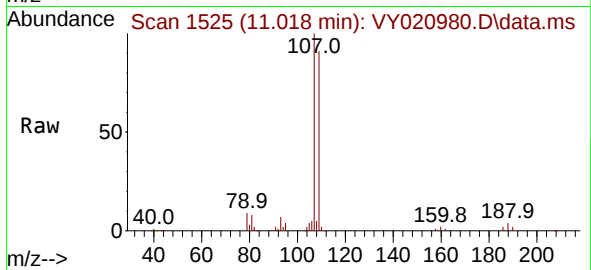




#61
1,2-Dibromoethane
Concen: 49.400 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

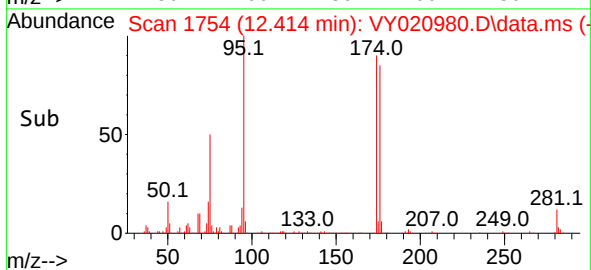
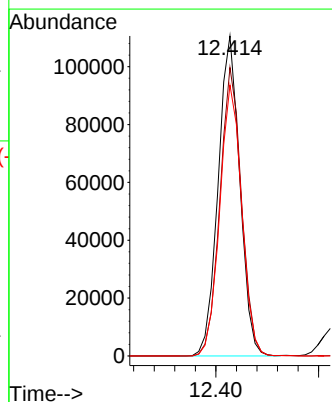
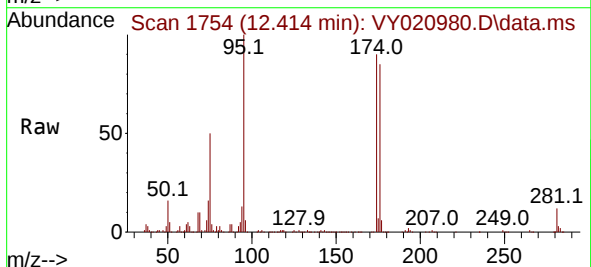
Instrument :
MSVOA_Y
ClientSampleId :

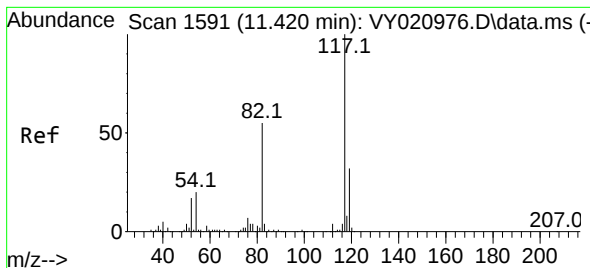
Tgt Ion:107 Resp: 76074
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.715 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 95 Resp: 161570
Ion Ratio Lower Upper
95 100
174 89.9 0.0 181.2
176 85.9 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

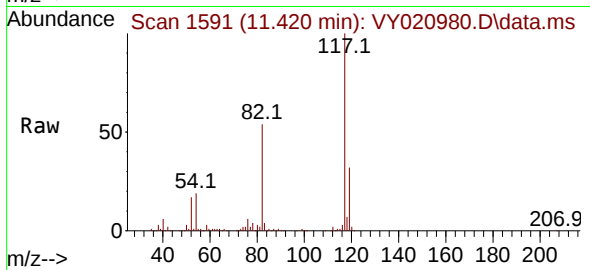
Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :



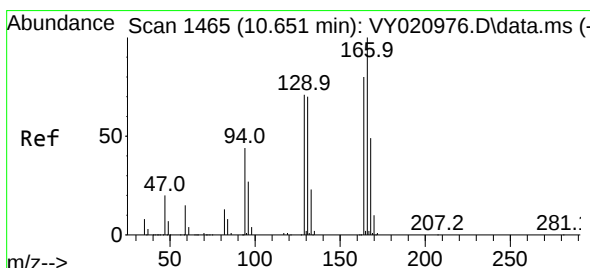
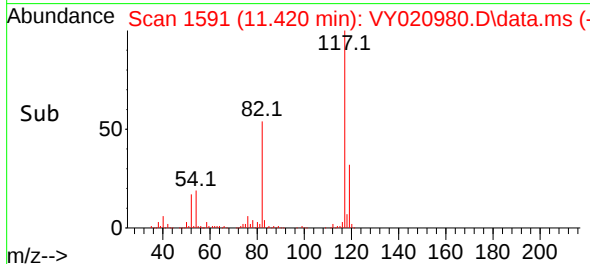
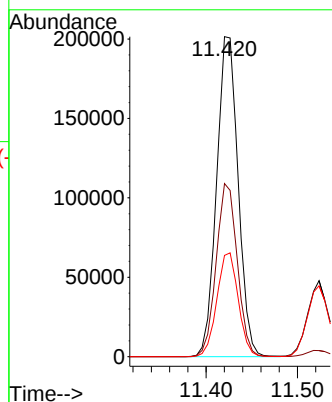
Tgt Ion:117 Resp: 330062

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.2

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 46.528 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Tgt Ion:164 Resp: 115843

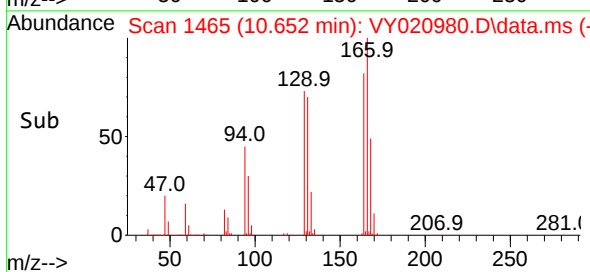
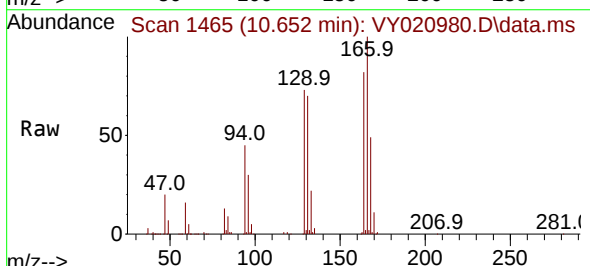
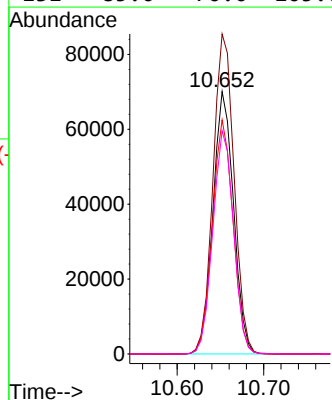
Ion Ratio Lower Upper

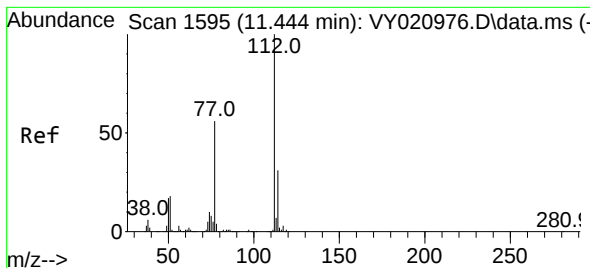
164 100

166 121.9 100.4 150.6

129 89.2 70.8 106.2

131 85.0 70.0 105.0





#65

Chlorobenzene

Concen: 46.704 ug/l

RT: 11.451 min Scan# 1595

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

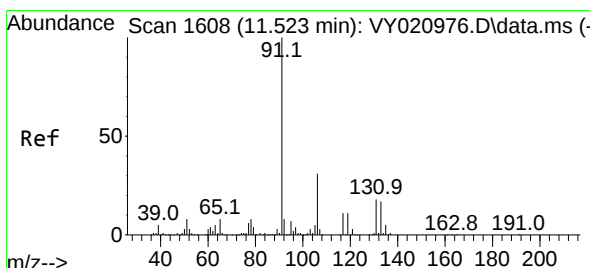
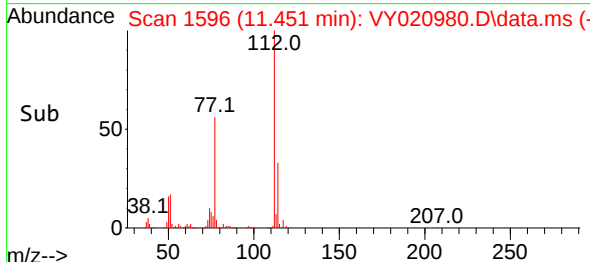
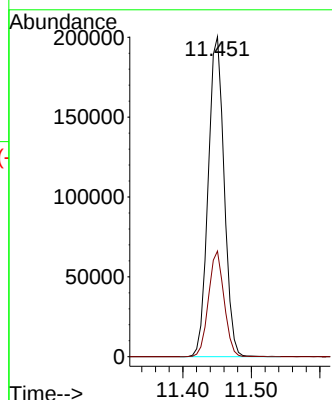
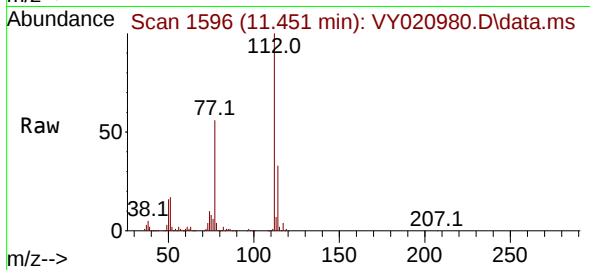
ClientSampleId :

Tgt Ion:112 Resp: 324779

Ion Ratio Lower Upper

112 100

114 33.0 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 47.009 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

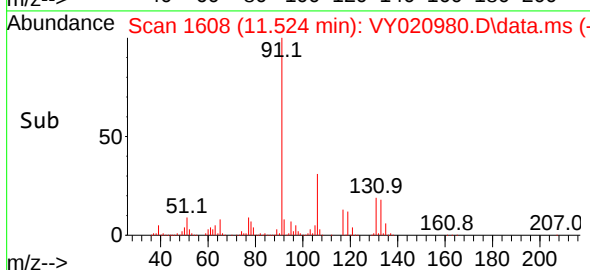
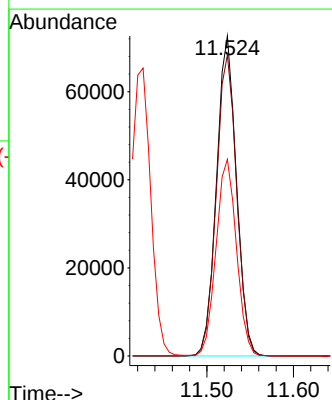
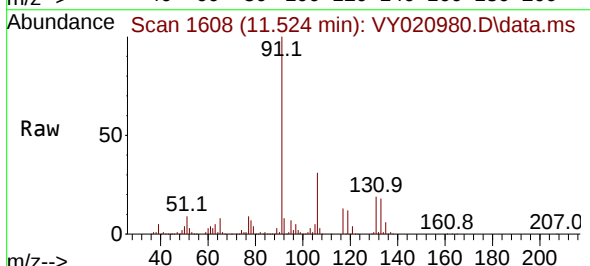
Tgt Ion:131 Resp: 116021

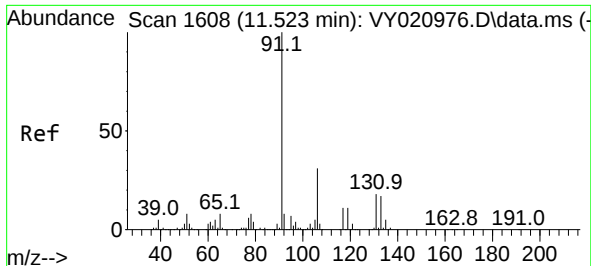
Ion Ratio Lower Upper

131 100

133 96.2 48.7 146.1

119 63.1 31.4 94.3





#67

Ethyl Benzene

Concen: 47.965 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

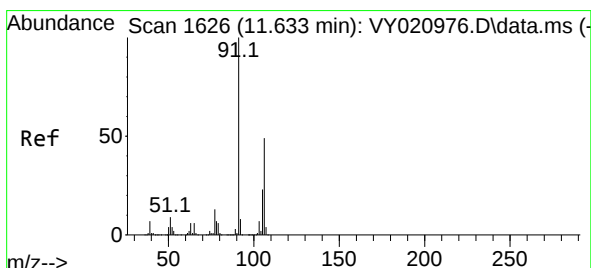
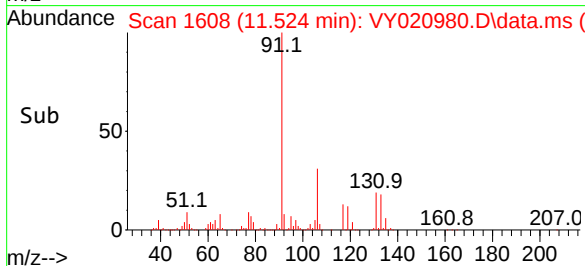
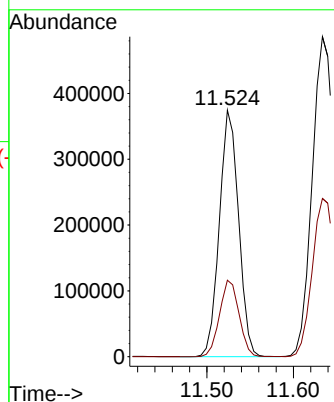
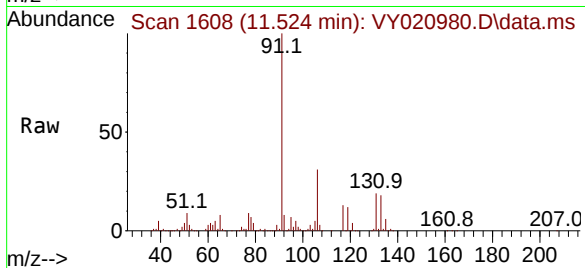
ClientSampleId :

Tgt Ion: 91 Resp: 577522

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 96.662 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020980.D

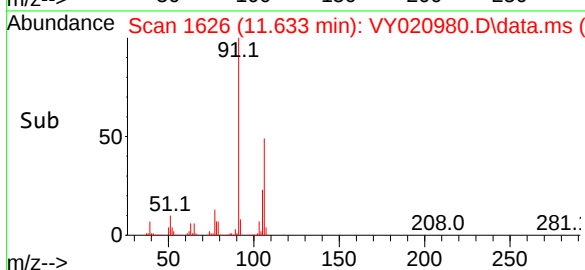
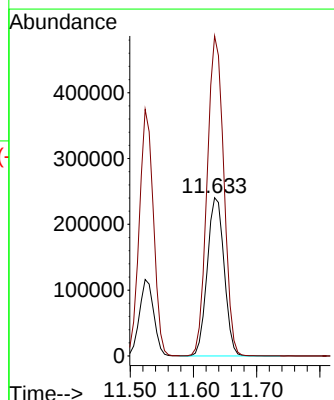
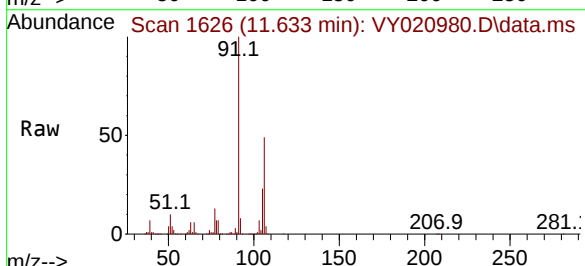
Acq: 30 Jan 2025 12:26

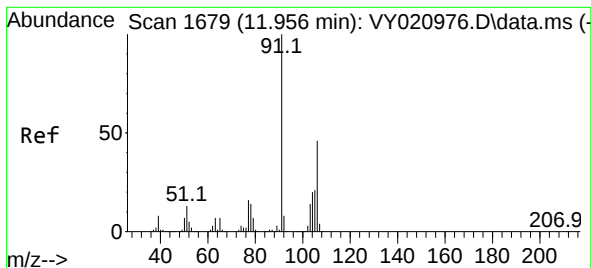
Tgt Ion:106 Resp: 447158

Ion Ratio Lower Upper

106 100

91 199.3 160.0 240.0





#69

o-Xylene

Concen: 48.485 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

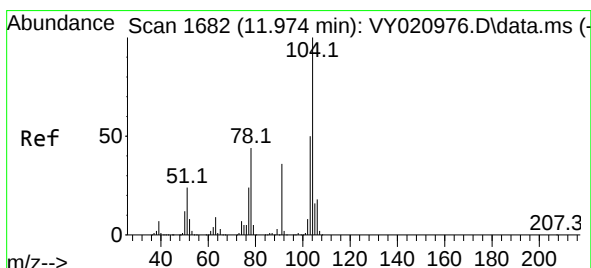
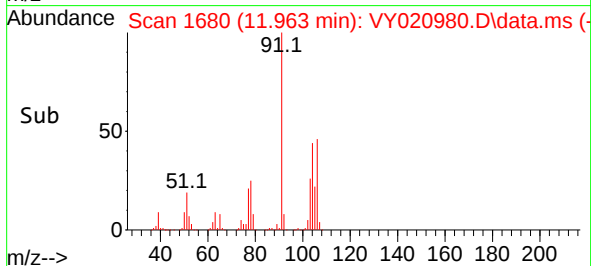
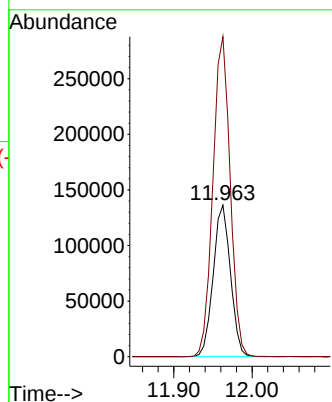
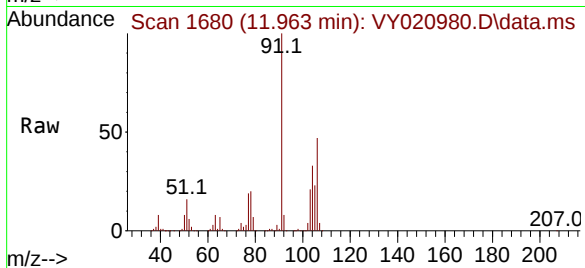
ClientSampleId :

Tgt Ion:106 Resp: 208508

Ion Ratio Lower Upper

106 100

91 211.4 105.8 317.6



#70

Styrene

Concen: 49.078 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

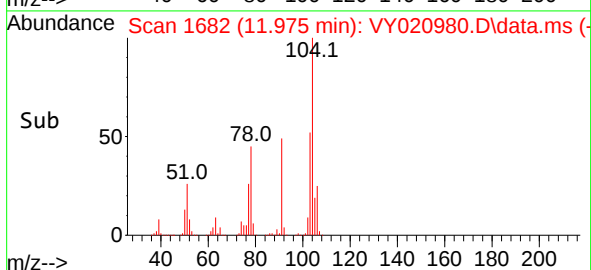
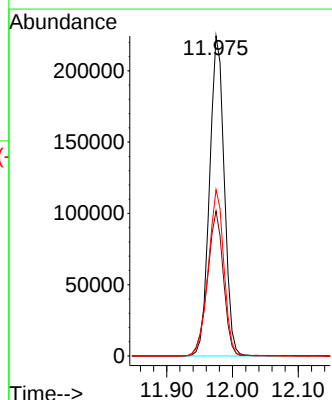
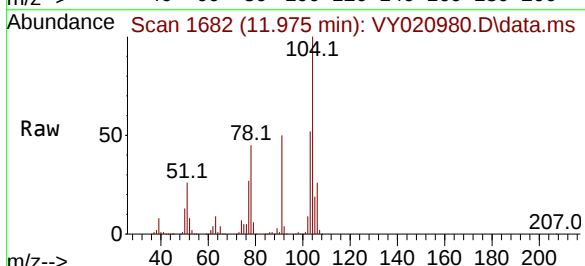
Tgt Ion:104 Resp: 350408

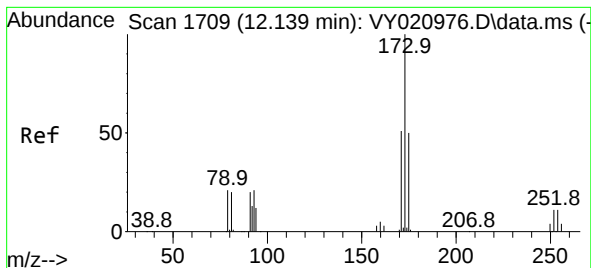
Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.4

103 55.1 43.7 65.5





#71

Bromoform

Concen: 48.644 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

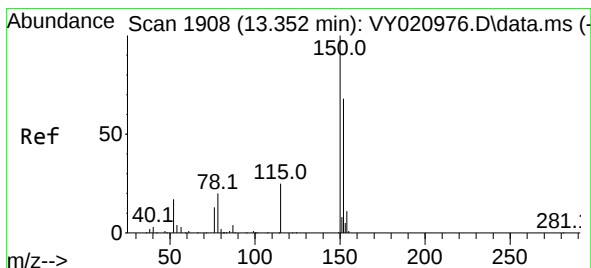
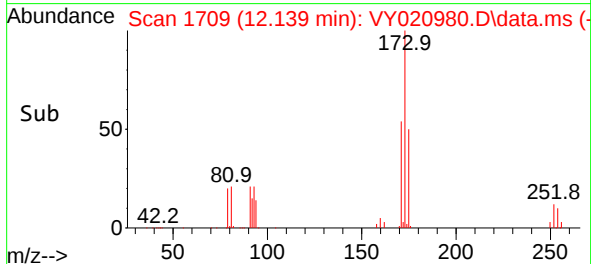
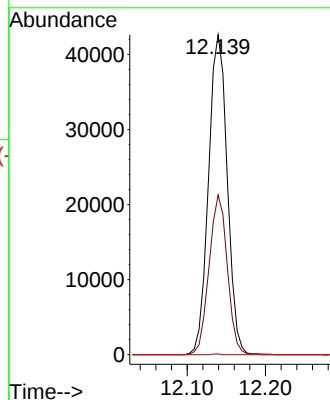
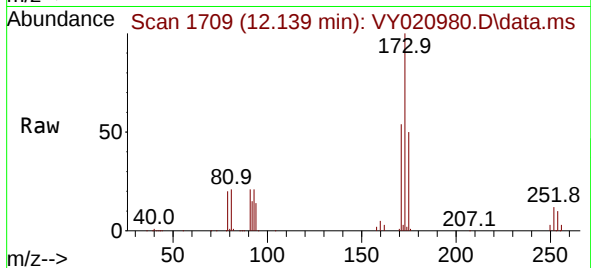
Tgt Ion:173 Resp: 70757

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

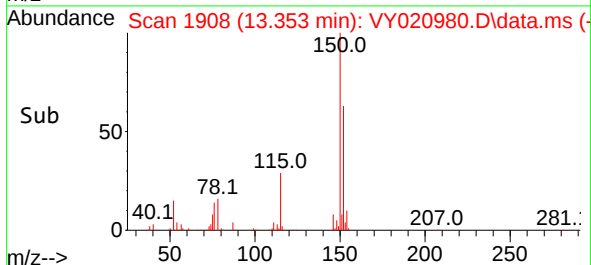
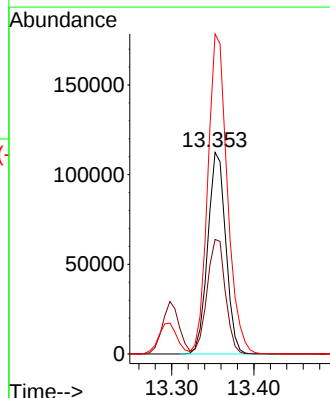
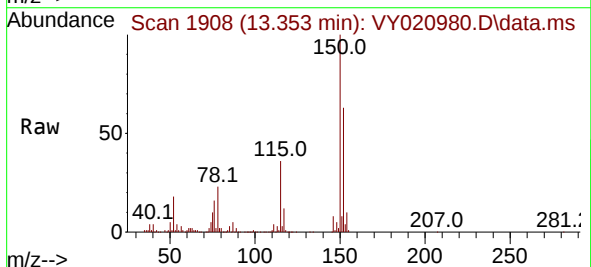
Tgt Ion:152 Resp: 170939

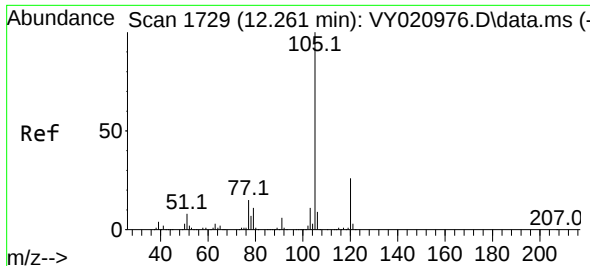
Ion Ratio Lower Upper

152 100

115 57.9 28.4 85.2

150 172.1 0.0 342.8

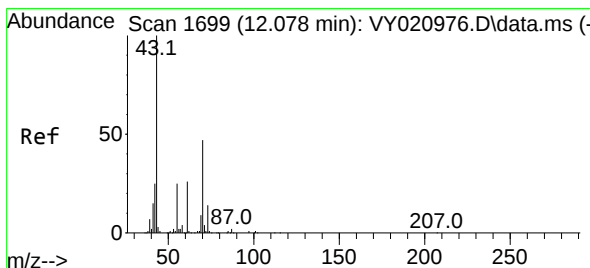
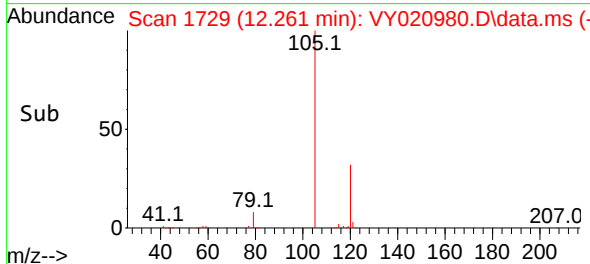
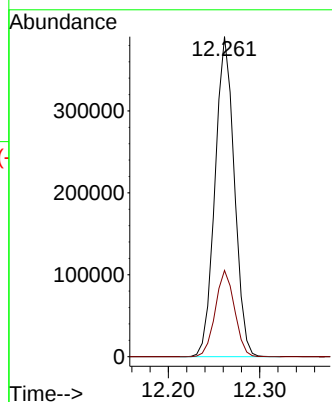
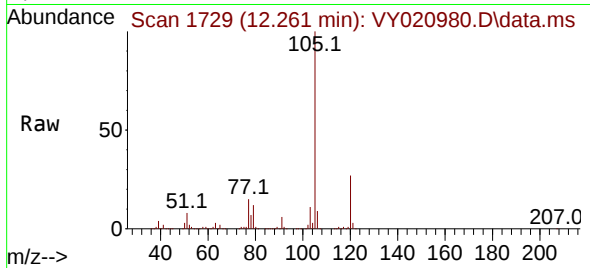




#73
Isopropylbenzene
Concen: 47.750 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

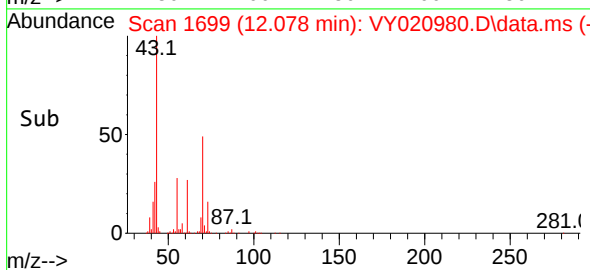
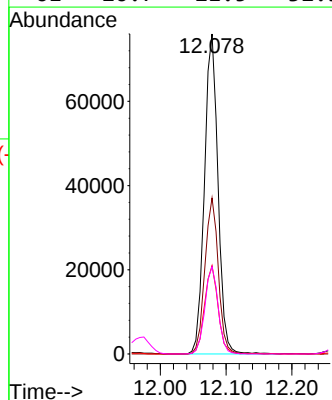
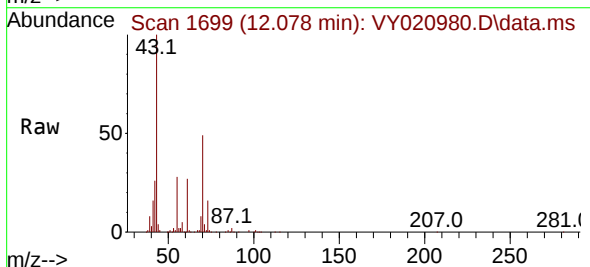
Instrument :
MSVOA_Y
ClientSampleId :

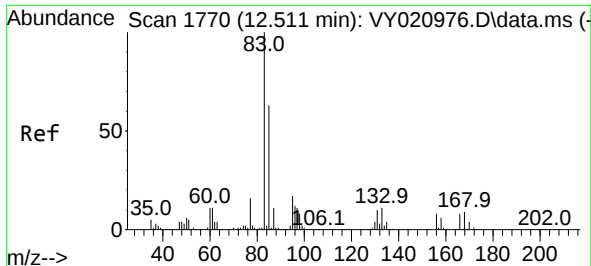
Tgt Ion:105 Resp: 573255
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 49.767 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 43 Resp: 108796
Ion Ratio Lower Upper
43 100
70 48.4 39.3 58.9
55 27.4 22.3 33.5
61 26.7 21.5 32.3

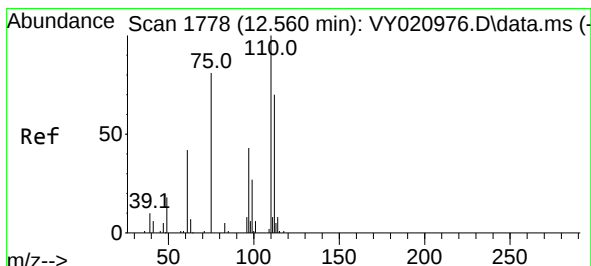
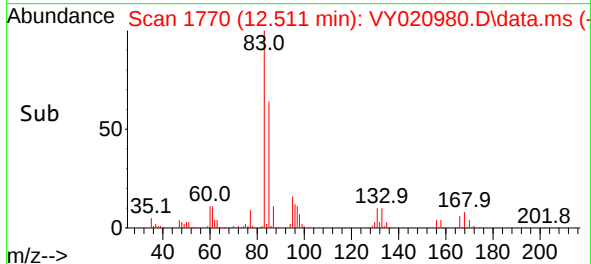
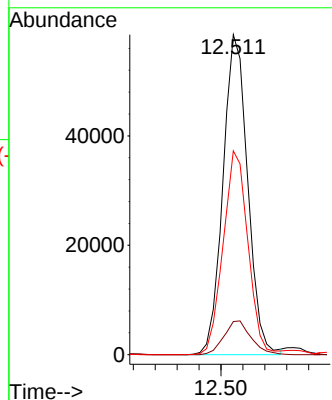
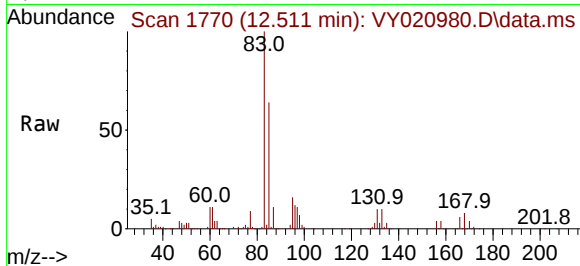




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.246 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

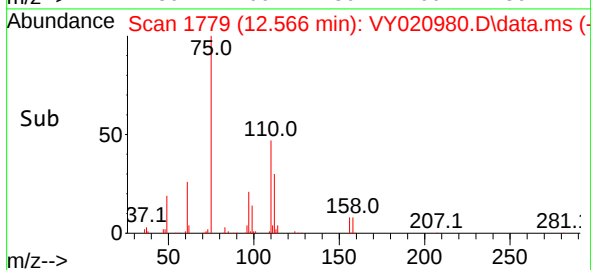
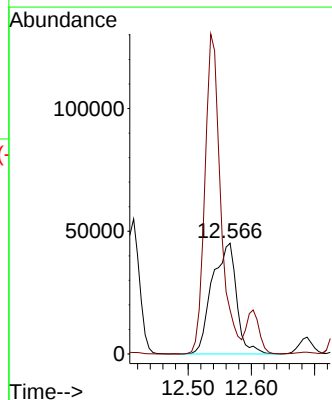
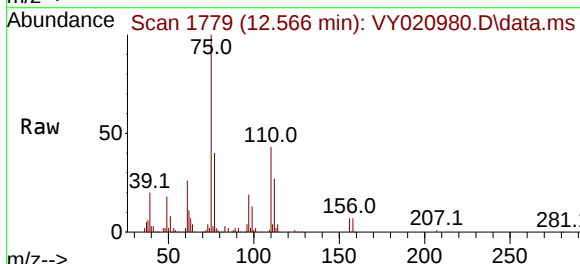
Instrument :
 MSVOA_Y
 ClientSampleId :

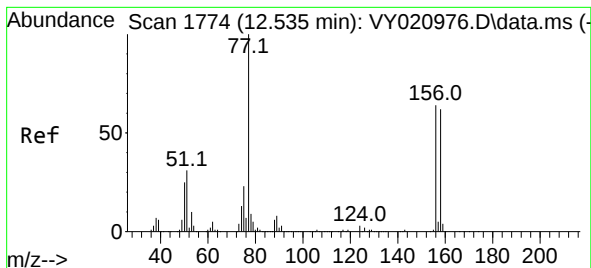
Tgt Ion: 83 Resp: 91558
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.7 17.1
 85 64.1 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 89.296 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.007 min
 Lab File: VY020980.D
 Acq: 30 Jan 2025 12:26

Tgt Ion: 75 Resp: 120835
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.798 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

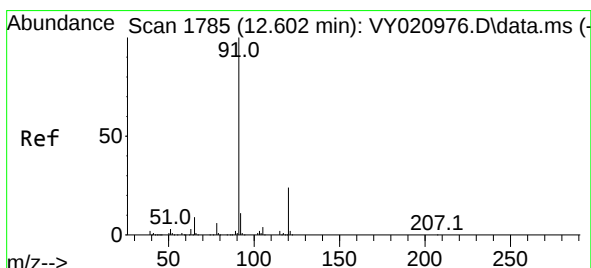
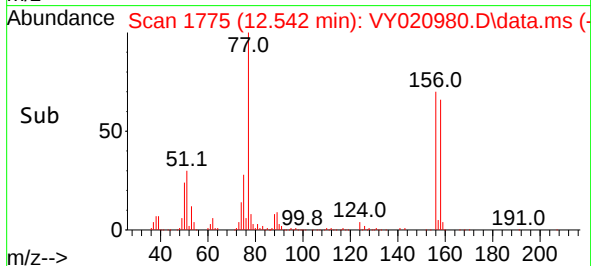
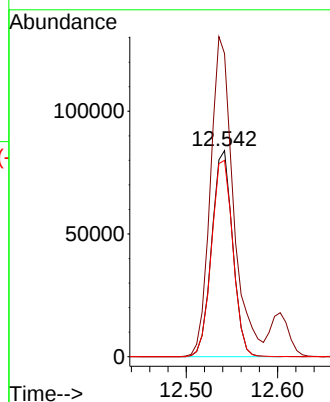
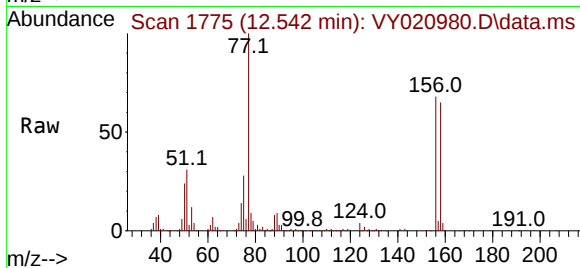
Tgt Ion:156 Resp: 133204

Ion Ratio Lower Upper

156 100

77 170.8 83.3 249.9

158 97.8 48.3 144.9



#78

n-propylbenzene

Concen: 48.360 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020980.D

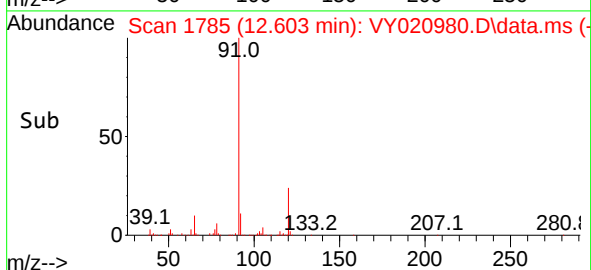
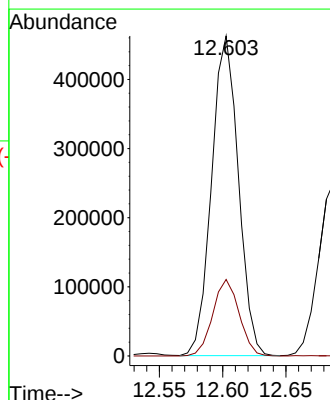
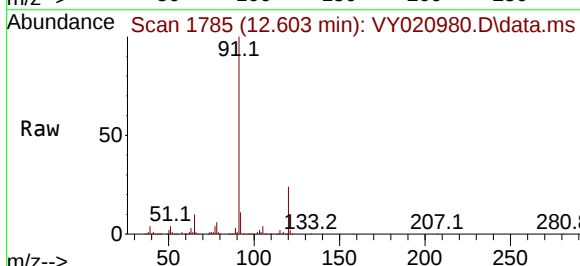
Acq: 30 Jan 2025 12:26

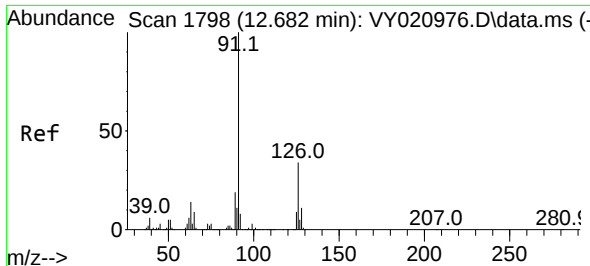
Tgt Ion: 91 Resp: 680436

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 47.833 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

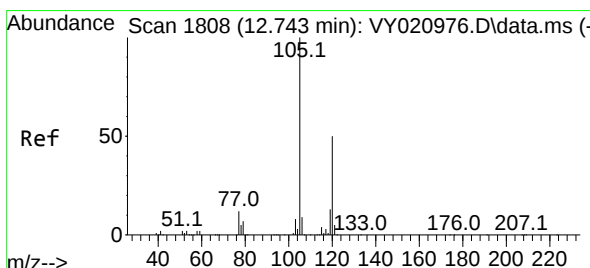
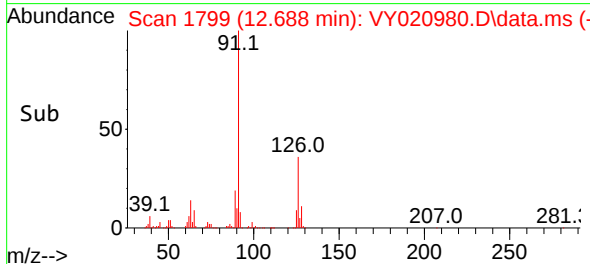
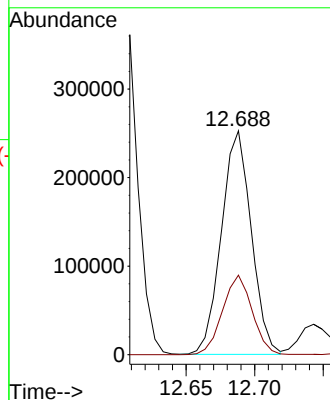
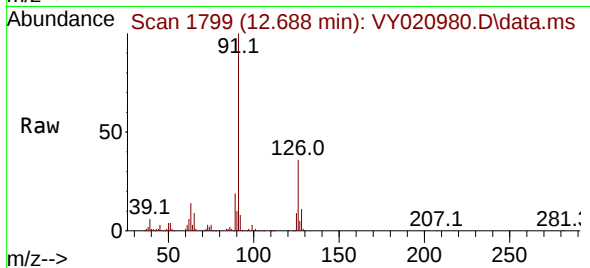
ClientSampleId :

Tgt Ion: 91 Resp: 383456

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 47.945 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020980.D

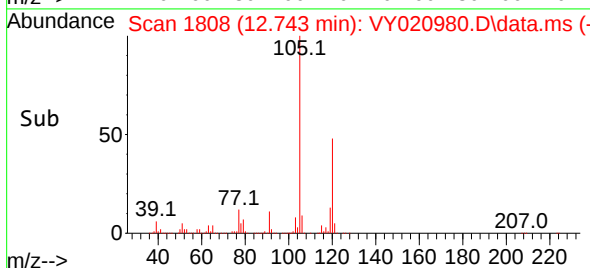
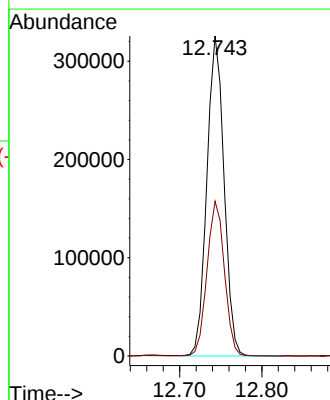
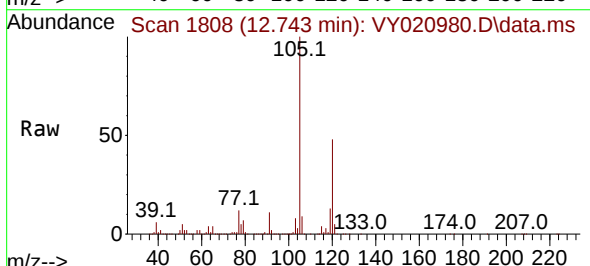
Acq: 30 Jan 2025 12:26

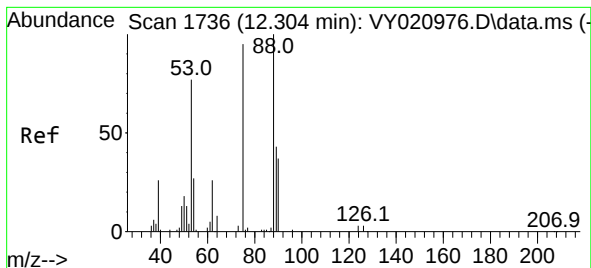
Tgt Ion: 105 Resp: 471574

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.9

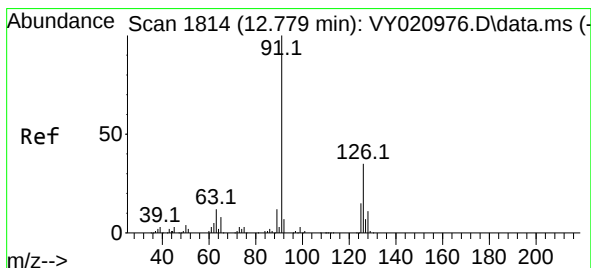
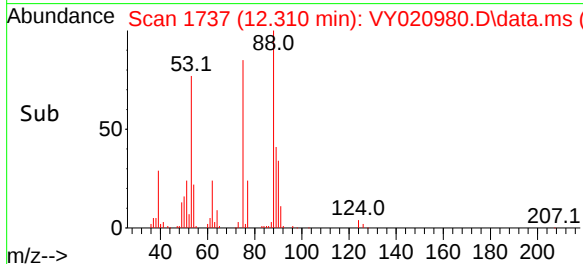
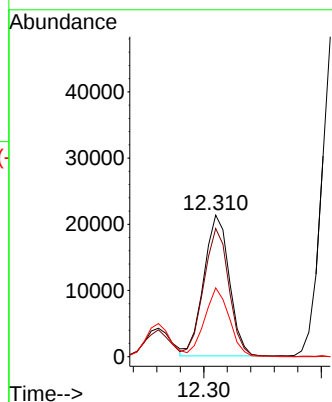
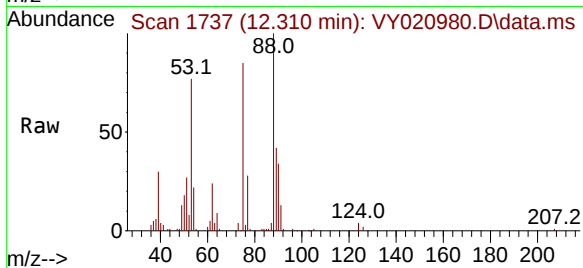




#81
trans-1,4-Dichloro-2-butene
Concen: 49.230 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

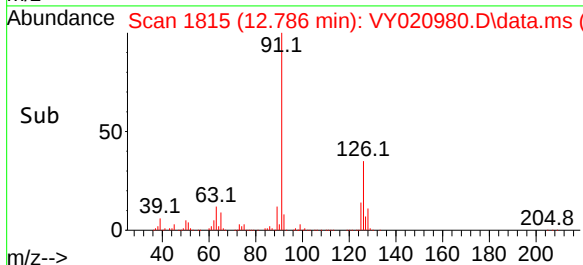
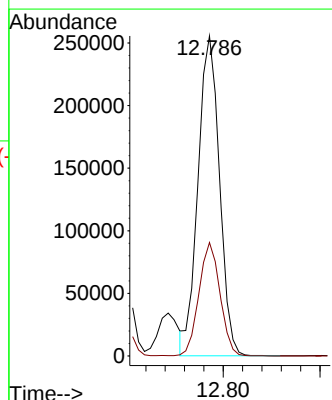
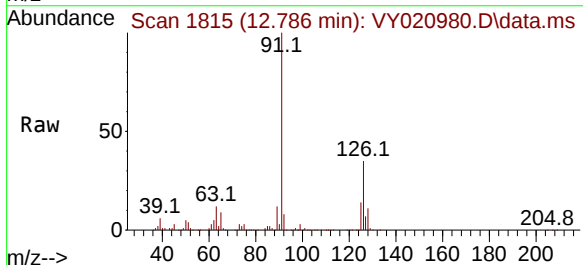
Instrument :
MSVOA_Y
ClientSampleId :

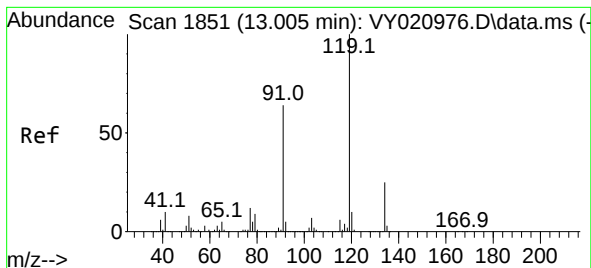
Tgt Ion: 75 Resp: 32092
Ion Ratio Lower Upper
75 100
53 91.4 68.6 103.0
89 47.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 48.001 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 91 Resp: 393831
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 47.743 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

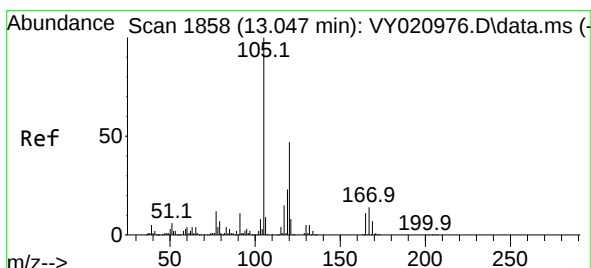
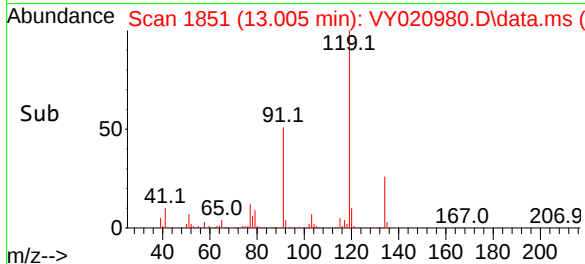
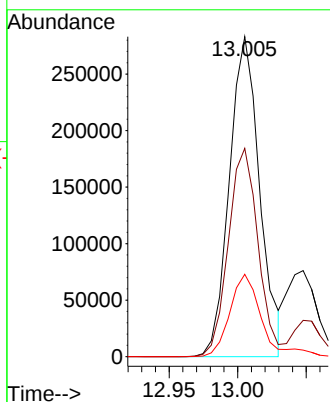
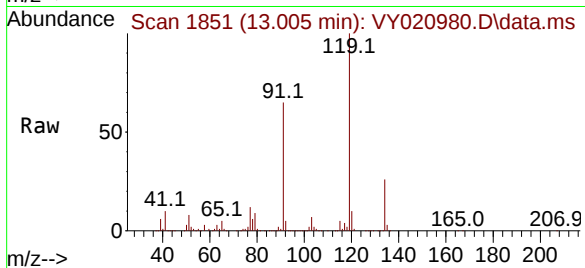
Tgt Ion:119 Resp: 435525

Ion Ratio Lower Upper

119 100

91 63.5 31.4 94.0

134 27.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 48.472 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020980.D

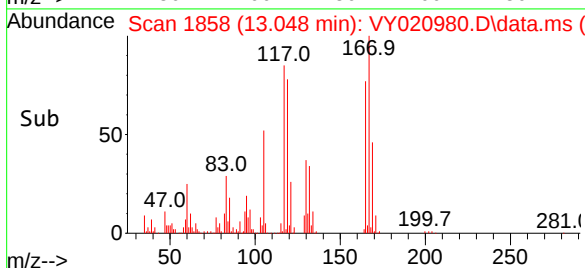
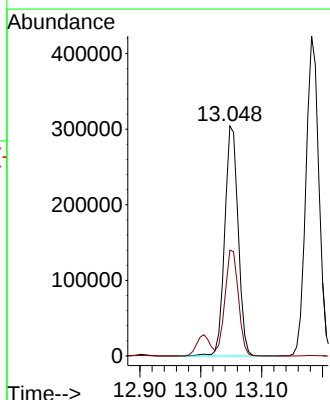
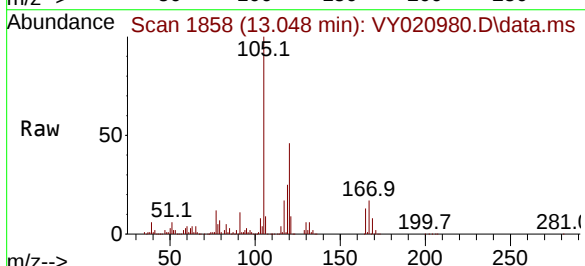
Acq: 30 Jan 2025 12:26

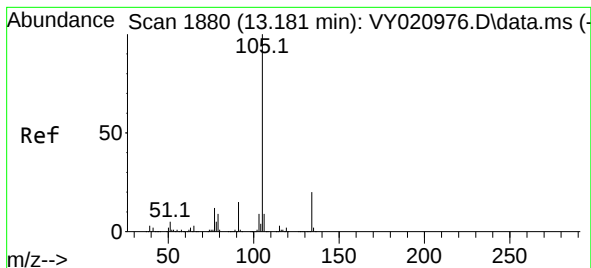
Tgt Ion:105 Resp: 465710

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.0





#85

sec-Butylbenzene

Concen: 48.272 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

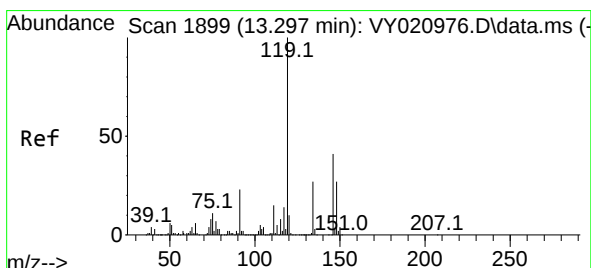
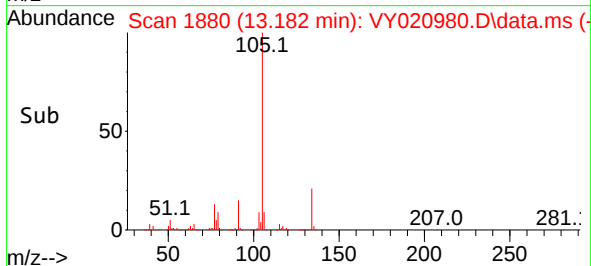
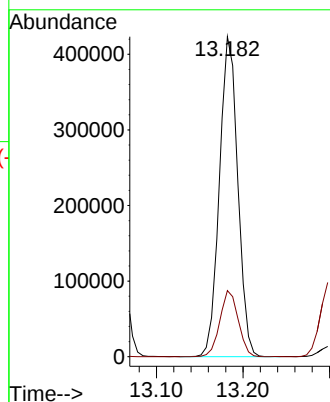
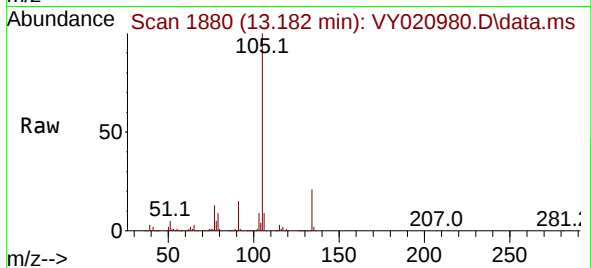
ClientSampleId :

Tgt Ion:105 Resp: 623429

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 48.693 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

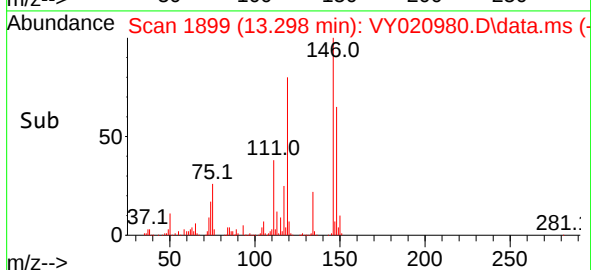
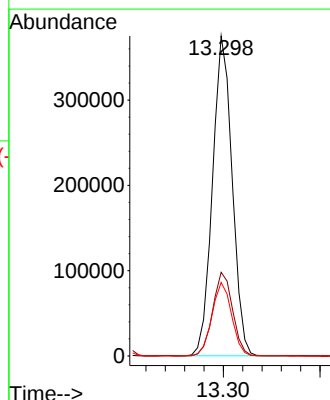
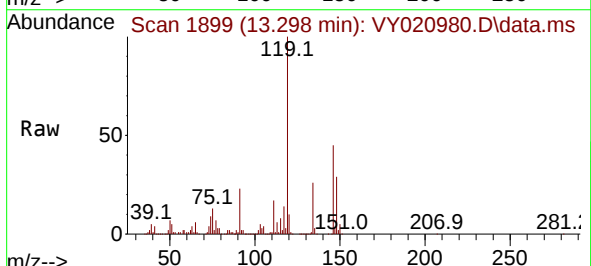
Tgt Ion:119 Resp: 528479

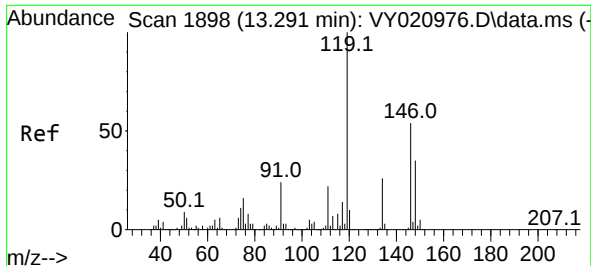
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.0 11.5 34.5

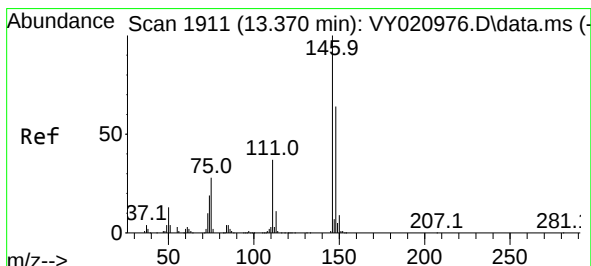
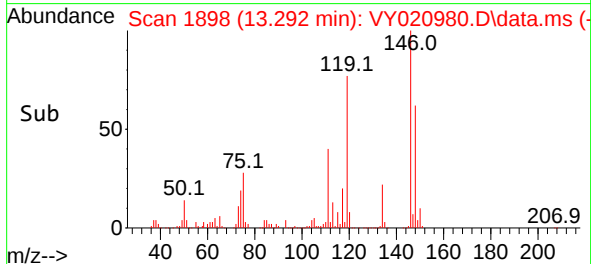
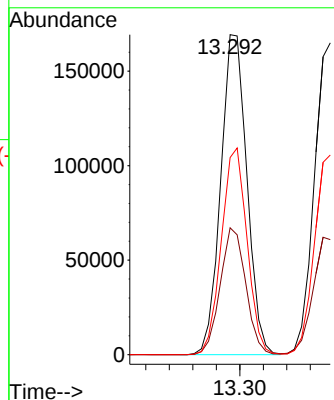
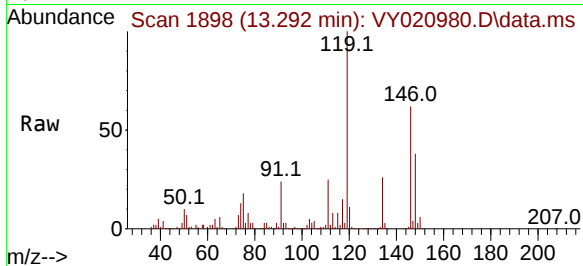




#87
1,3-Dichlorobenzene
Concen: 47.269 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

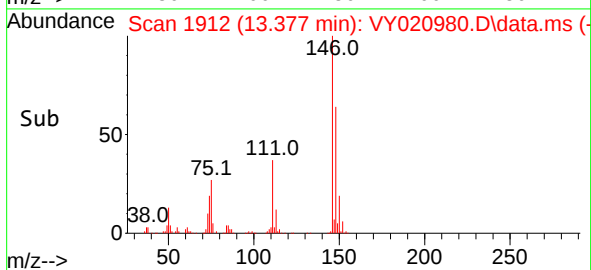
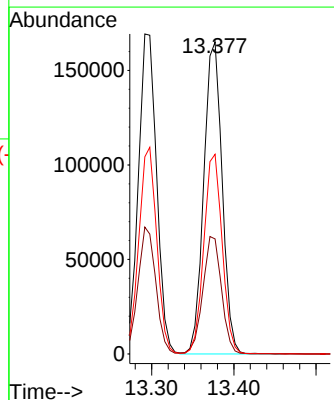
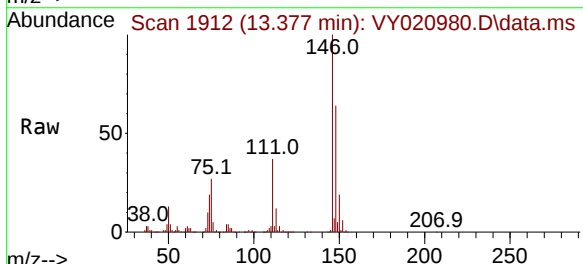
Instrument :
MSVOA_Y
ClientSampleId :

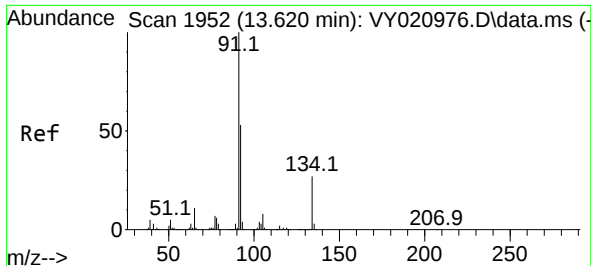
Tgt Ion:146 Resp: 262337
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.1
148 63.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 46.504 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion:146 Resp: 256285
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 63.9 31.6 95.0

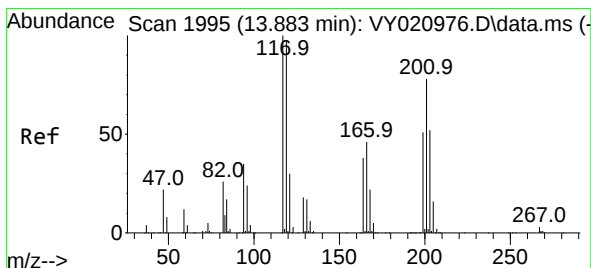
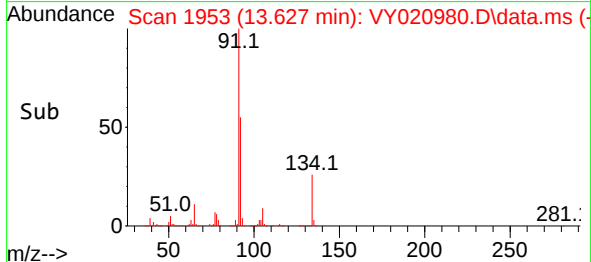
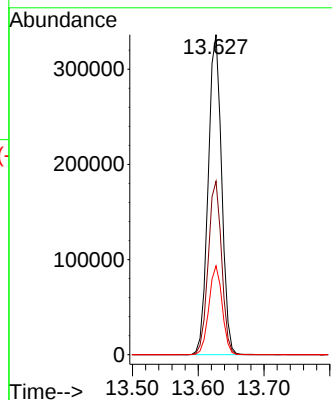
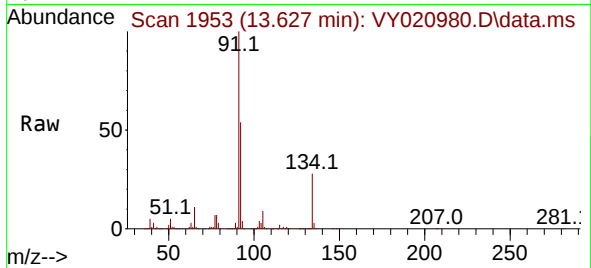




#89
n-Butylbenzene
Concen: 49.273 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

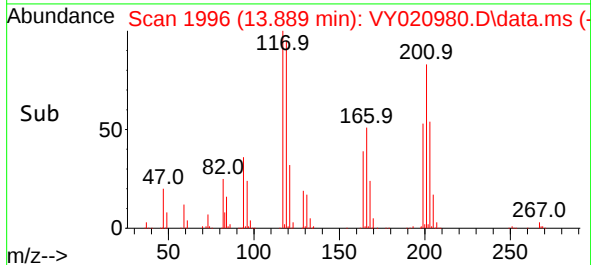
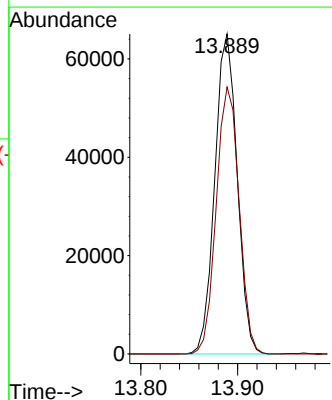
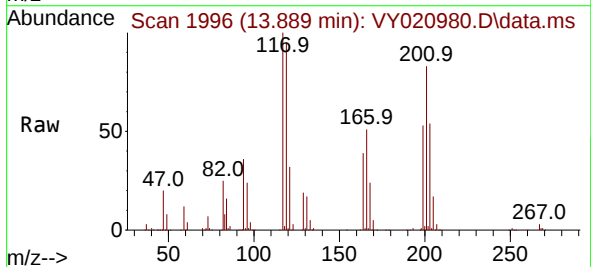
Instrument :
MSVOA_Y
ClientSampleId :

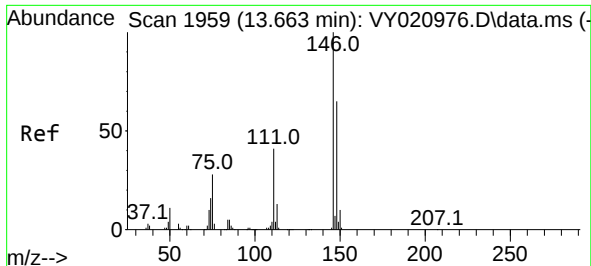
Tgt Ion: 91 Resp: 479003
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 27.4 13.7 41.1



#90
Hexachloroethane
Concen: 47.609 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 117 Resp: 104536
Ion Ratio Lower Upper
117 100
201 85.1 42.5 127.5

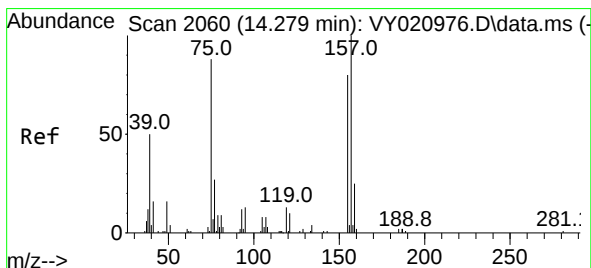
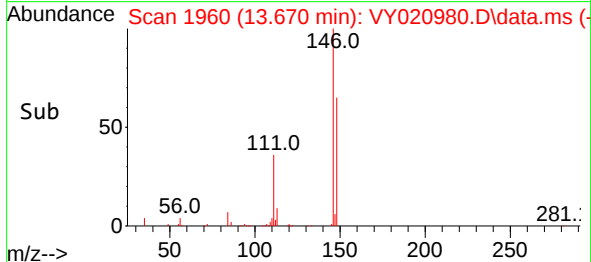
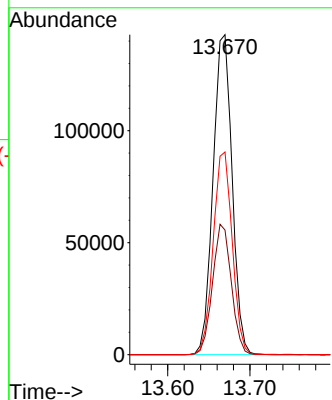
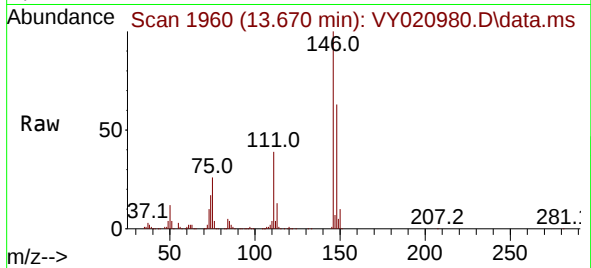




#91
1,2-Dichlorobenzene
Concen: 47.411 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

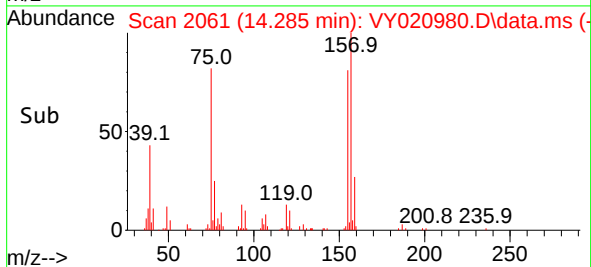
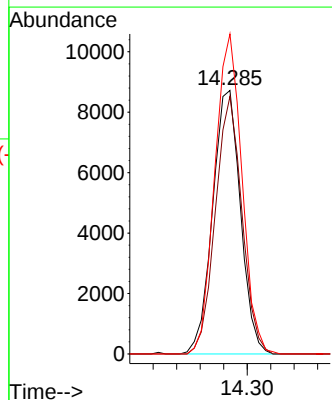
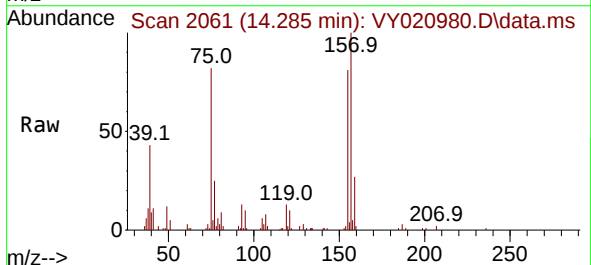
Instrument :
MSVOA_Y
ClientSampleId :

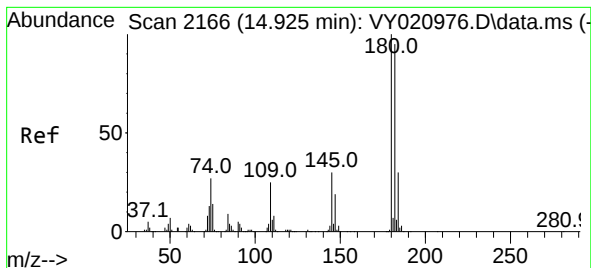
Tgt Ion:146 Resp: 229460
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 63.3 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.168 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.007 min
Lab File: VY020980.D
Acq: 30 Jan 2025 12:26

Tgt Ion: 75 Resp: 14371
Ion Ratio Lower Upper
75 100
155 92.9 45.9 137.6
157 117.9 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 48.112 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

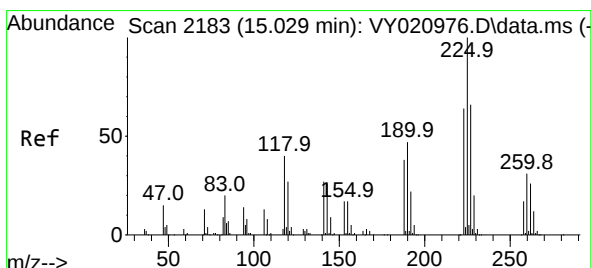
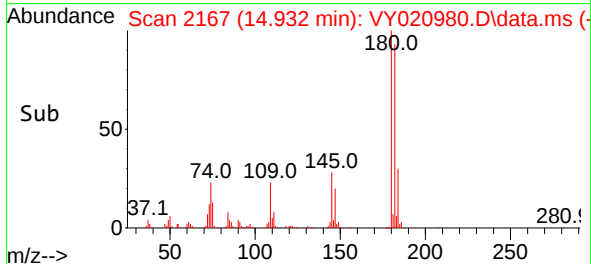
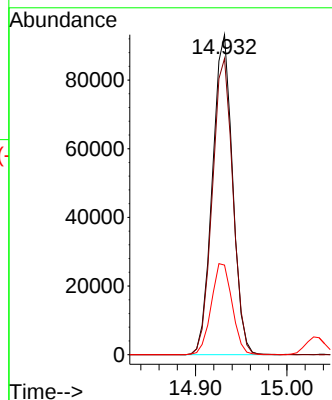
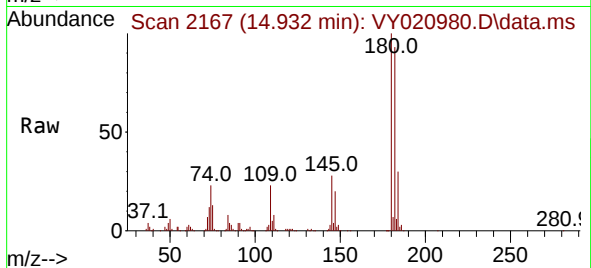
Tgt Ion:180 Resp: 142572

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 29.5 15.3 45.8



#94

Hexachlorobutadiene

Concen: 46.104 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.007 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

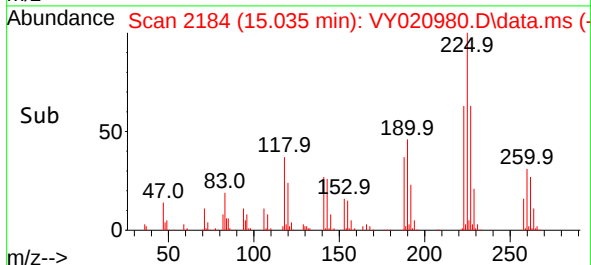
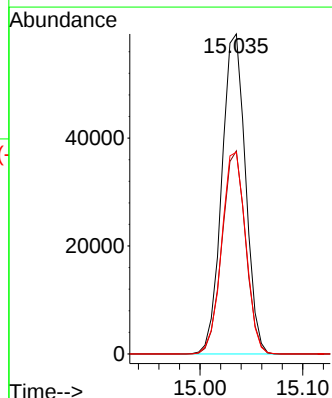
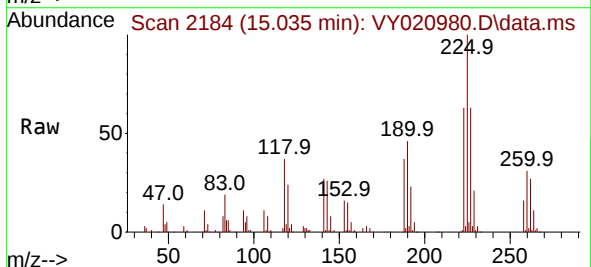
Tgt Ion:225 Resp: 94623

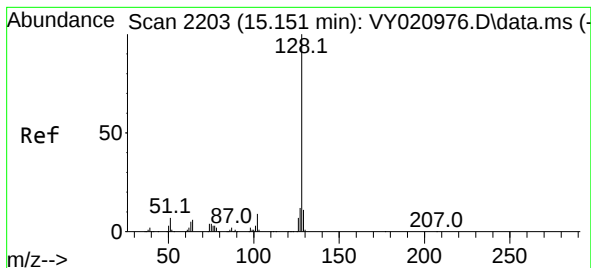
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.2

227 64.0 31.8 95.3





#95

Naphthalene

Concen: 44.591 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

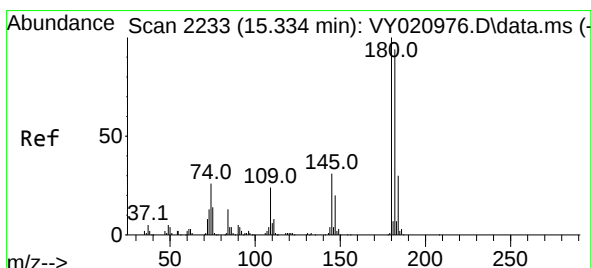
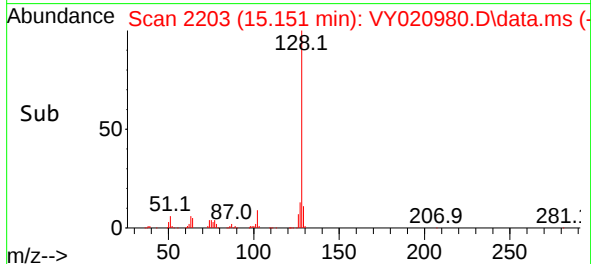
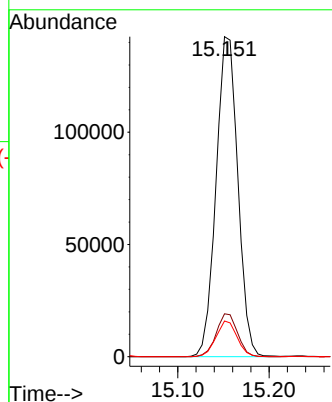
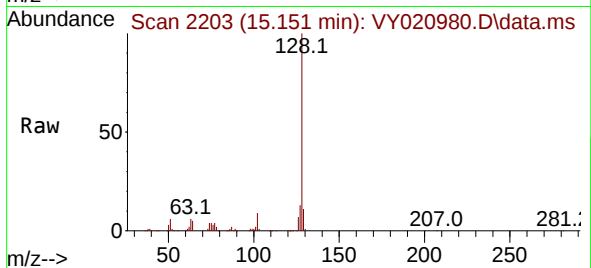
Tgt Ion:128 Resp: 236423

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 42.817 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020980.D

Acq: 30 Jan 2025 12:26

Tgt Ion:180 Resp: 120513

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

145 31.9 15.6 46.7

