

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020923.D
 Acq On : 24 Jan 2025 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:56:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	213655	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.634	114	308546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	262517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	132244	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	111464	61.379	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.760%	
35) Dibromofluoromethane	7.652	113	117257	60.660	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.320%	
50) Toluene-d8	10.121	98	458871	68.097	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 136.200%#	
62) 4-Bromofluorobenzene	12.420	95	153336	61.620	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 123.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	61036	38.926	ug/l	98
3) Chloromethane	2.080	50	40046	48.505	ug/l	97
4) Vinyl Chloride	2.214	62	48422	52.759	ug/l	94
5) Bromomethane	2.611	94	28521	43.630	ug/l	97
6) Chloroethane	2.751	64	31677	55.964	ug/l	95
7) Trichlorofluoromethane	3.080	101	129754	46.064	ug/l	96
8) Diethyl Ether	3.470	74	43862	49.793	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.836	101	92187	48.463	ug/l	99
10) Methyl Iodide	4.025	142	99874	48.993	ug/l	96
11) Tert butyl alcohol	4.940	59	36375	265.082	ug/l #	73
12) 1,1-Dichloroethene	3.812	96	78766	47.274	ug/l	98
13) Acrolein	3.684	56	10958	284.358	ug/l	99
14) Allyl chloride	4.409	41	119145	49.566	ug/l	94
15) Acrylonitrile	5.092	53	102756	274.473	ug/l	99
16) Acetone	3.903	43	68797	266.409	ug/l	97
17) Carbon Disulfide	4.129	76	156945	43.421	ug/l	99
18) Methyl Acetate	4.409	43	51810	59.419	ug/l	98
19) Methyl tert-butyl Ether	5.147	73	237234	50.453	ug/l	99
20) Methylene Chloride	4.635	84	85443	47.910	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	85426	46.558	ug/l	99
22) Diisopropyl ether	6.043	45	282276	55.126	ug/l	99
23) Vinyl Acetate	5.982	43	778761	275.833	ug/l	97
24) 1,1-Dichloroethane	5.939	63	165268	48.920	ug/l	100
25) 2-Butanone	6.921	43	123482	291.094	ug/l	99
26) 2,2-Dichloropropane	6.909	77	163415	46.589	ug/l	98
27) cis-1,2-Dichloroethene	6.915	96	110484	47.726	ug/l	99
28) Bromochloromethane	7.268	49	54546	59.836	ug/l	93
29) Tetrahydrofuran	7.287	42	81765	301.739	ug/l	94
30) Chloroform	7.439	83	181456	47.099	ug/l	99
31) Cyclohexane	7.720	56	124416	47.083	ug/l	96
32) 1,1,1-Trichloroethane	7.640	97	169923	45.217	ug/l	99
36) 1,1-Dichloropropene	7.854	75	121433	49.252	ug/l	99
37) Ethyl Acetate	7.006	43	58026	59.140	ug/l	99
38) Carbon Tetrachloride	7.835	117	157409	45.864	ug/l	98
39) Methylcyclohexane	9.122	83	146237	48.334	ug/l	98
40) Benzene	8.097	78	372072	49.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	31135	55.409	ug/l	97
42) 1,2-Dichloroethane	8.177	62	99581	48.188	ug/l	99
43) Isopropyl Acetate	8.213	43	117060	58.657	ug/l	98
44) Trichloroethene	8.884	130	101657	48.191	ug/l	95
45) 1,2-Dichloropropane	9.152	63	90311	52.645	ug/l	98
46) Dibromomethane	9.250	93	51422	52.200	ug/l	99
47) Bromodichloromethane	9.439	83	142122	50.376	ug/l	99
48) Methyl methacrylate	9.238	41	52661	58.860	ug/l	97
49) 1,4-Dioxane	9.262	88	11105	1061.758	ug/l #	78
51) 4-Methyl-2-Pentanone	10.012	43	307689	308.614	ug/l	99
52) Toluene	10.189	92	246409	49.174	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	128281	51.124	ug/l	99
54) cis-1,3-Dichloropropene	9.872	75	148176	50.847	ug/l	96
55) 1,1,2-Trichloroethane	10.585	97	75820	53.875	ug/l	97
56) Ethyl methacrylate	10.451	69	102160	57.479	ug/l	98
57) 1,3-Dichloropropane	10.731	76	122645	53.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	209616	297.291	ug/l	97
59) 2-Hexanone	10.774	43	203940	318.843	ug/l	97
60) Dibromochloromethane	10.926	129	104301	51.101	ug/l	98
61) 1,2-Dibromoethane	11.030	107	68769	54.429	ug/l	99
64) Tetrachloroethene	10.658	164	89289	46.262	ug/l	97
65) Chlorobenzene	11.457	112	280168	48.270	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.530	131	106526	48.210	ug/l	98
67) Ethyl Benzene	11.536	91	483681	48.132	ug/l	100
68) m/p-Xylenes	11.646	106	368707	95.297	ug/l	99
69) o-Xylene	11.969	106	174766	47.641	ug/l	99
70) Styrene	11.981	104	301844	48.881	ug/l	99
71) Bromoform	12.146	173	65264	51.957	ug/l #	100
73) Isopropylbenzene	12.267	105	484609	46.192	ug/l	99
74) N-amyl acetate	12.085	43	101202	58.973	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	87671	55.136	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	110377	95.390	ug/l #	100
77) Bromobenzene	12.548	156	114865	47.488	ug/l	97
78) n-propylbenzene	12.609	91	566085	47.538	ug/l	99
79) 2-Chlorotoluene	12.694	91	319907	46.651	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	390108	45.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	29468	53.698	ug/l	97
82) 4-Chlorotoluene	12.792	91	322715	45.602	ug/l	98
83) tert-Butylbenzene	13.011	119	361048	45.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.060	105	387550	46.678	ug/l	99
85) sec-Butylbenzene	13.188	105	521182	46.922	ug/l	100
86) p-Isopropyltoluene	13.304	119	438246	46.251	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	220940	47.010	ug/l	100
88) 1,4-Dichlorobenzene	13.383	146	218126	47.149	ug/l	99
89) n-Butylbenzene	13.633	91	386951	47.073	ug/l	99
90) Hexachloroethane	13.895	117	87505	45.992	ug/l	99
91) 1,2-Dichlorobenzene	13.676	146	193977	47.204	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	13475	52.411	ug/l	99
93) 1,2,4-Trichlorobenzene	14.938	180	116361	49.203	ug/l	100
94) Hexachlorobutadiene	15.041	225	74869	44.907	ug/l	99
95) Naphthalene	15.163	128	207073	53.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	99797	50.369	ug/l	99

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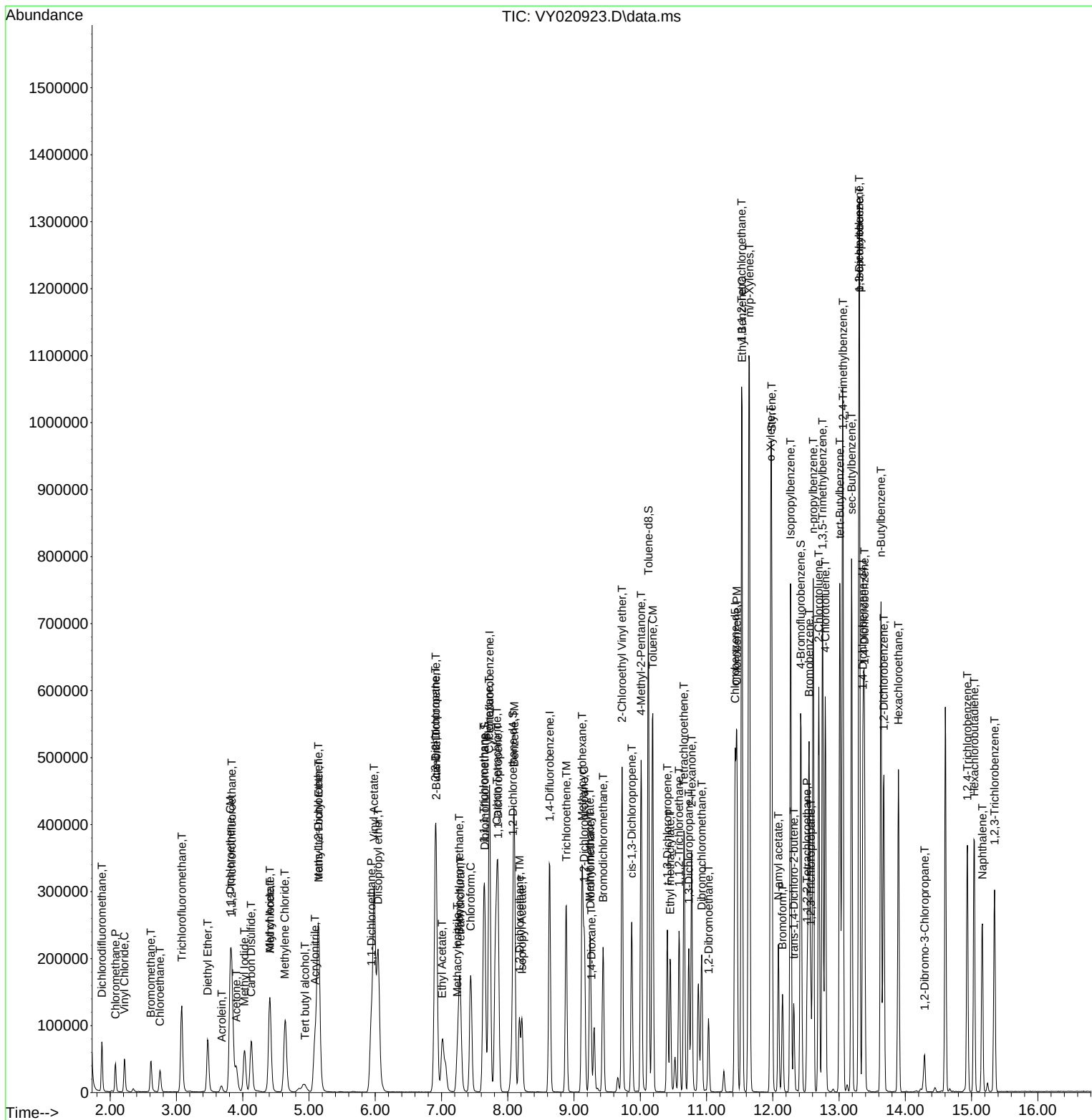
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MSVOA_Y
ClientSampleId :

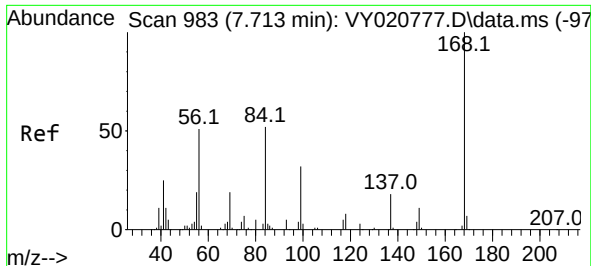
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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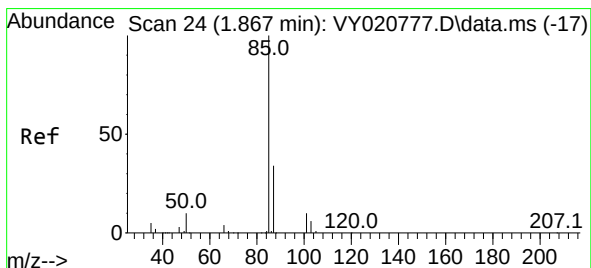
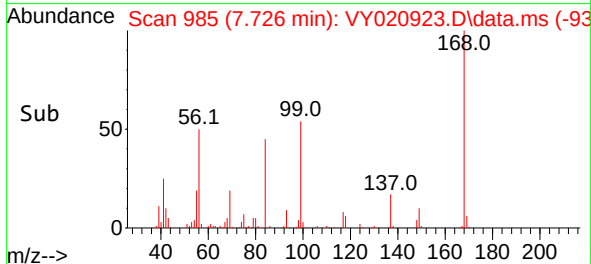
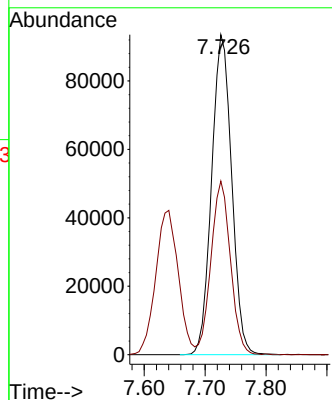
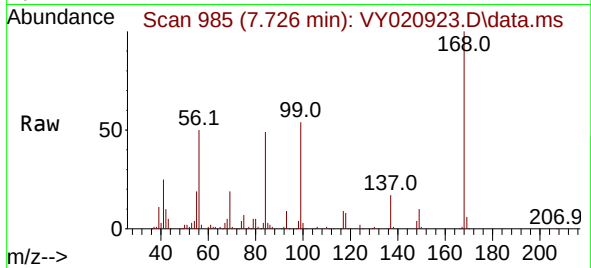




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.011 min
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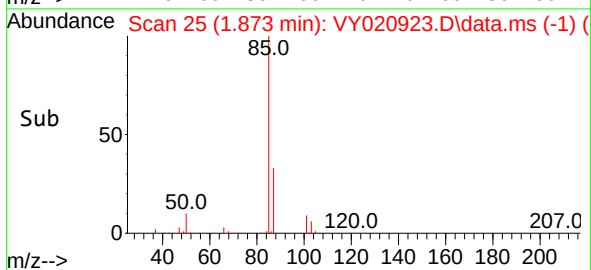
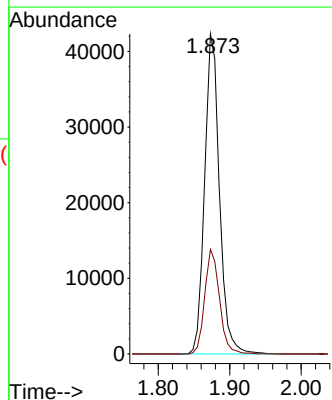
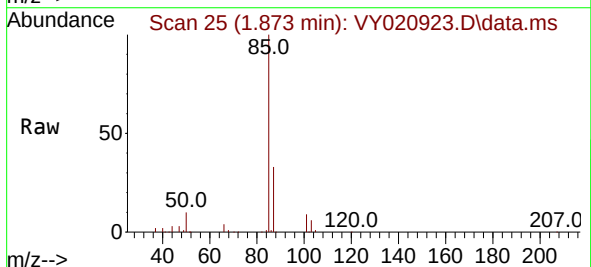
Instrument :
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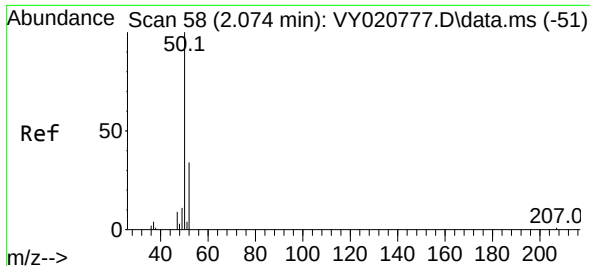
Tgt Ion:168 Resp: 213655
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 38.926 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 85 Resp: 61036
Ion Ratio Lower Upper
85 100
87 32.7 16.9 50.6

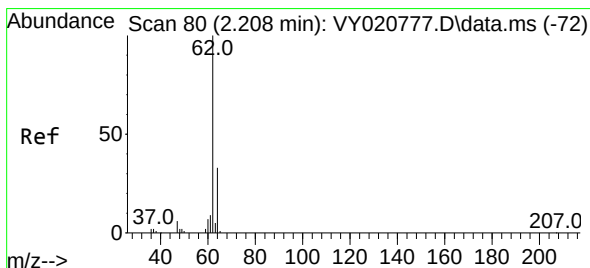
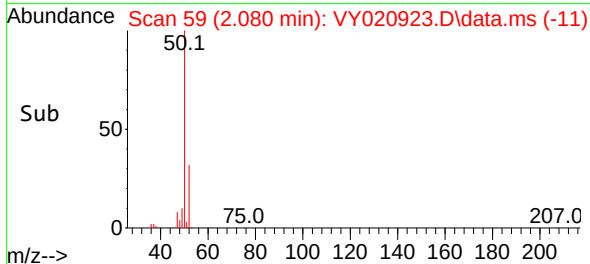
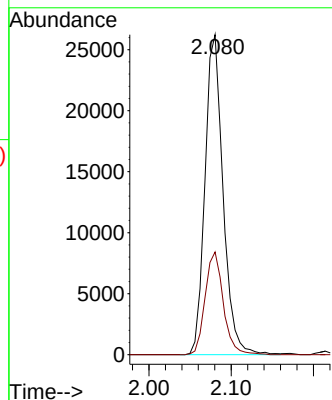
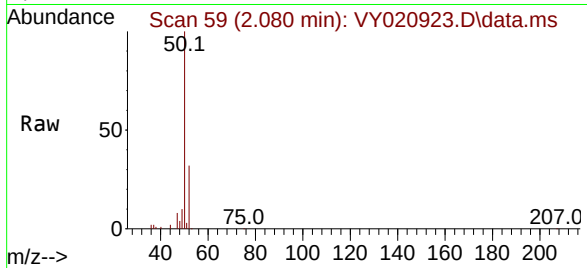




#3
Chloromethane
Concen: 48.505 ug/l
RT: 2.080 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

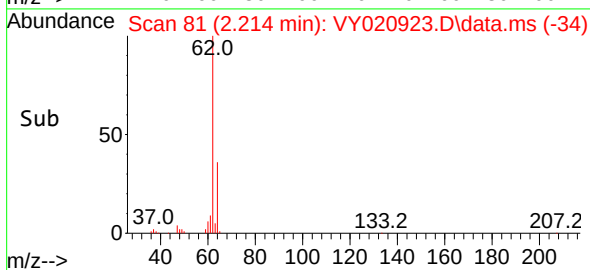
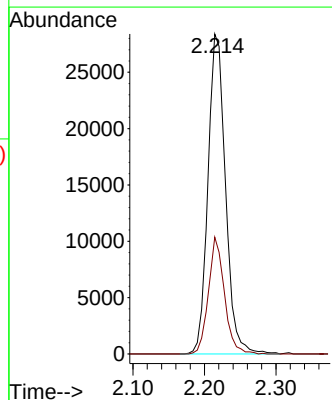
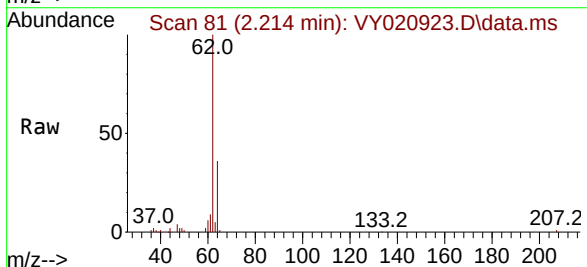
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MSVOA_Y
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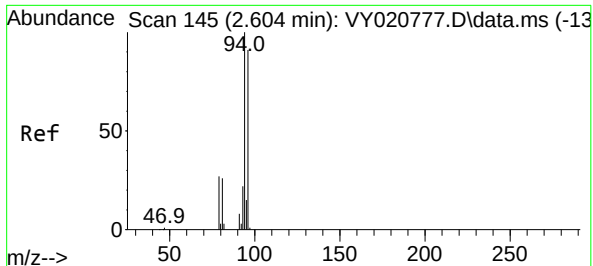
Tgt Ion: 50 Resp: 40046
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9



#4
Vinyl Chloride
Concen: 52.759 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 62 Resp: 48422
Ion Ratio Lower Upper
62 100
64 36.5 26.6 39.8

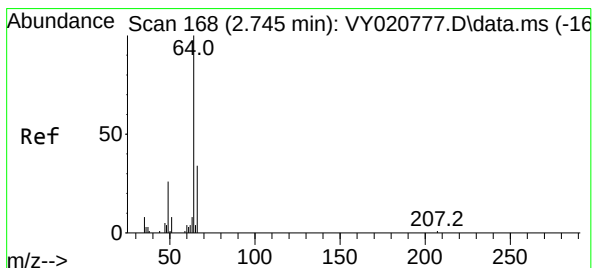
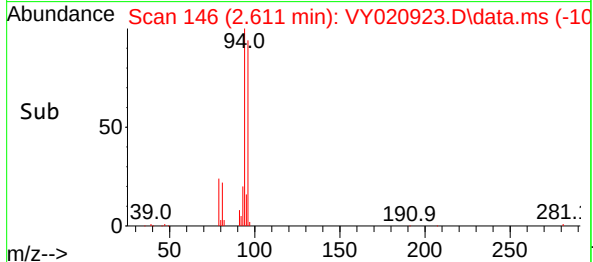
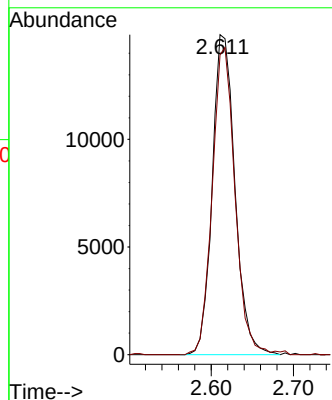
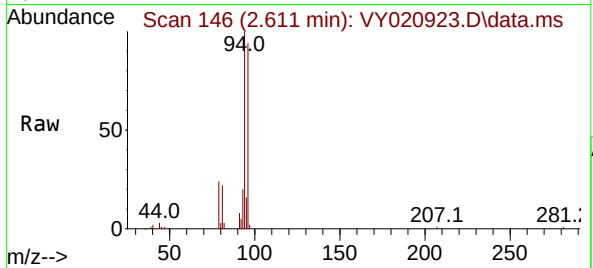




#5
Bromomethane
Concen: 43.630 ug/l
RT: 2.611 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

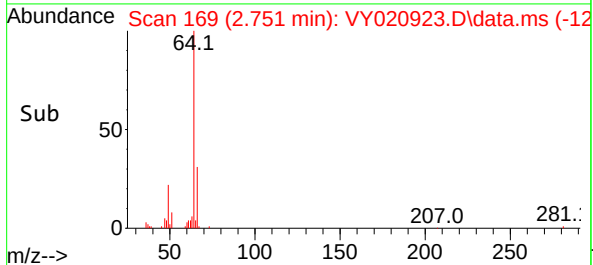
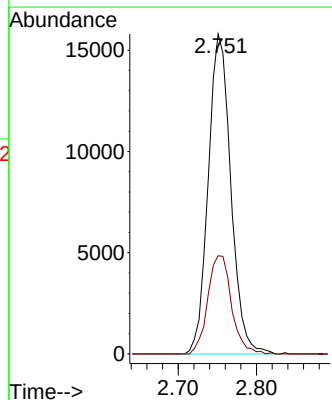
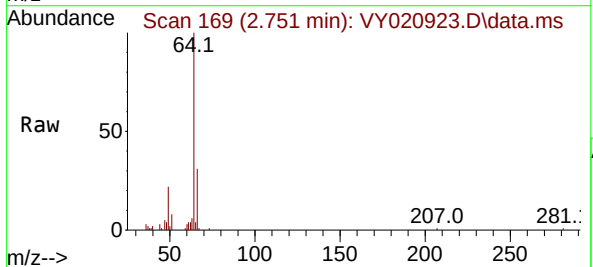
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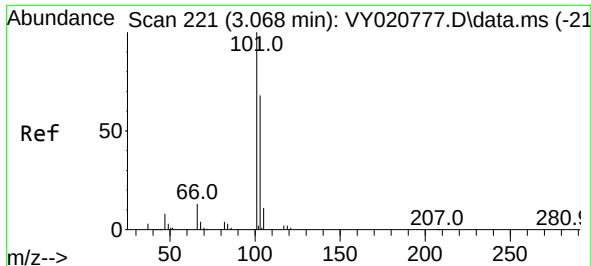
Tgt Ion: 94 Resp: 28521
Ion Ratio Lower Upper
94 100
96 93.7 72.6 109.0



#6
Chloroethane
Concen: 55.964 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 64 Resp: 31677
Ion Ratio Lower Upper
64 100
66 30.7 26.9 40.3

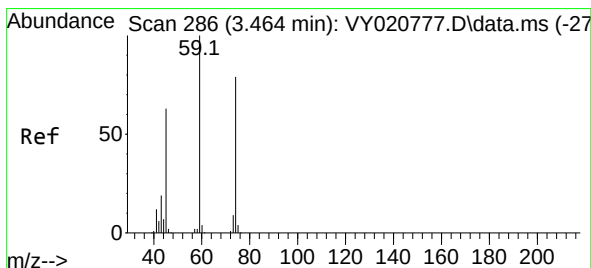
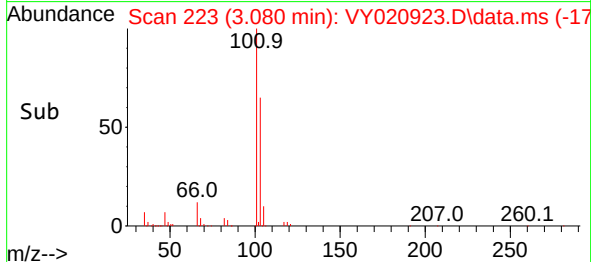
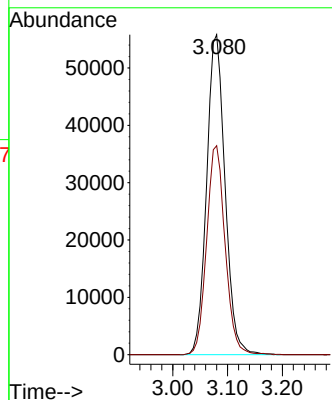
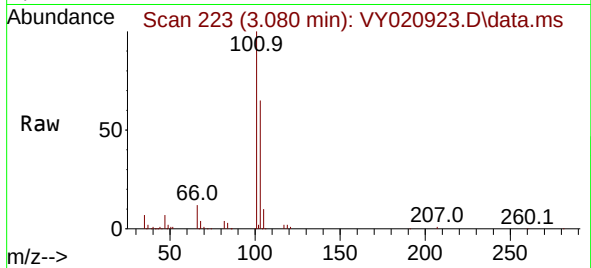




#7
Trichlorofluoromethane
Concen: 46.064 ug/l
RT: 3.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

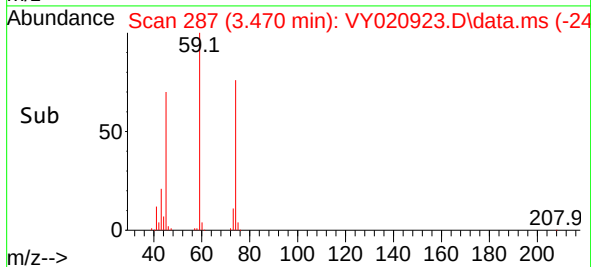
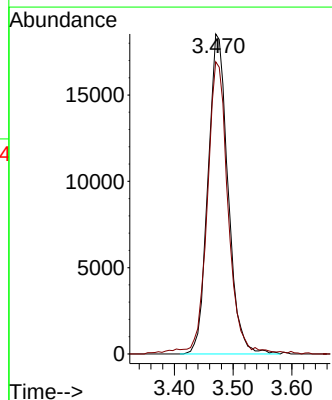
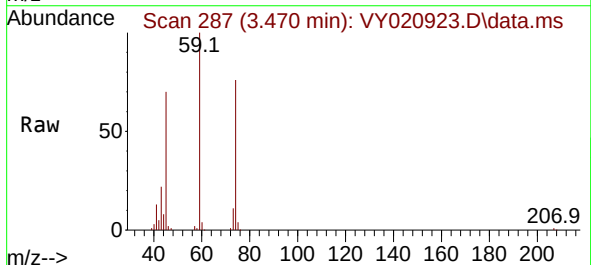
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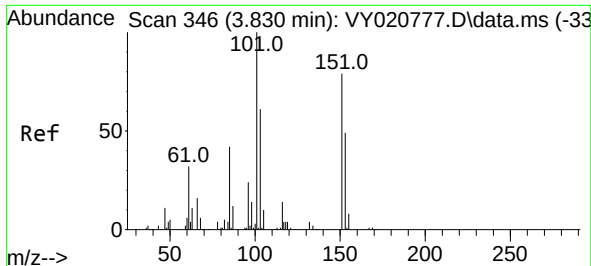
Tgt Ion:101 Resp: 129754
Ion Ratio Lower Upper
101 100
103 65.3 54.6 82.0



#8
Diethyl Ether
Concen: 49.793 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 74 Resp: 43862
Ion Ratio Lower Upper
74 100
45 95.9 41.3 124.1

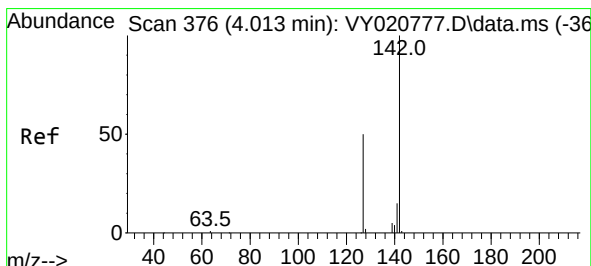
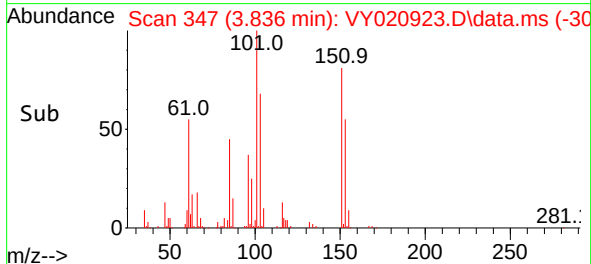
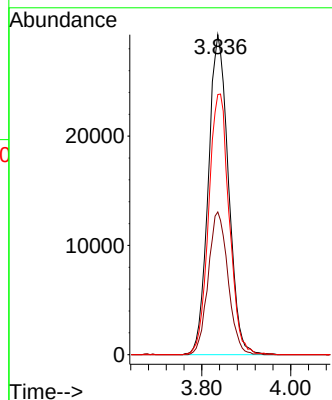
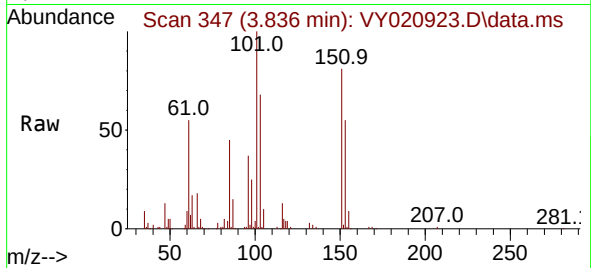




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.463 ug/l
RT: 3.836 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020923.D
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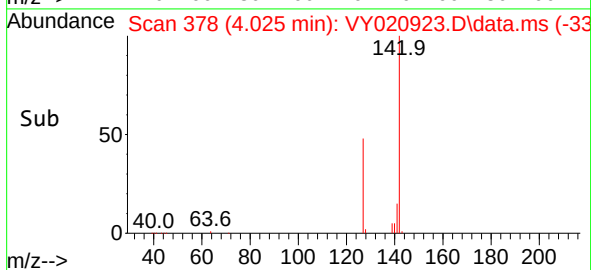
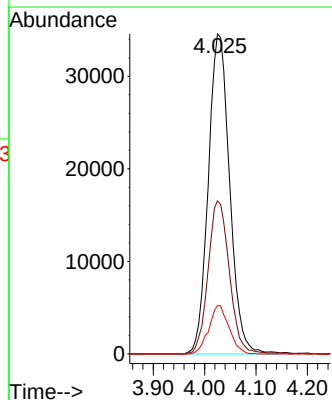
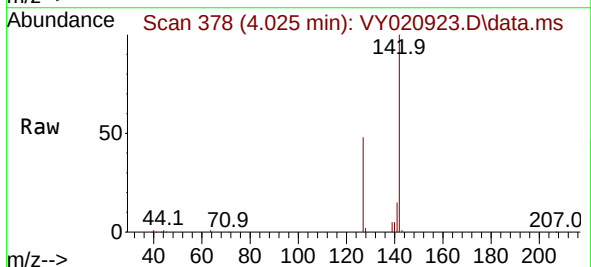
Instrument :
MSVOA_Y
ClientSampleId :

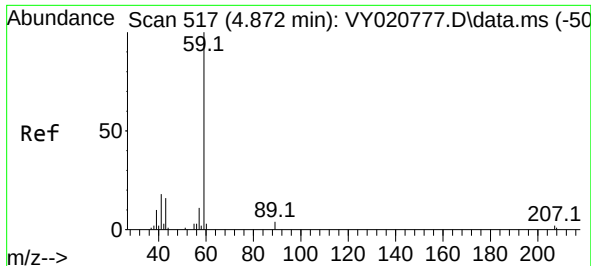
Tgt Ion:101 Resp: 92187
Ion Ratio Lower Upper
101 100
85 43.9 35.9 53.9
151 83.0 66.9 100.3



#10
Methyl Iodide
Concen: 48.993 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion:142 Resp: 99874
Ion Ratio Lower Upper
142 100
127 47.7 41.0 61.6
141 14.4 11.6 17.4

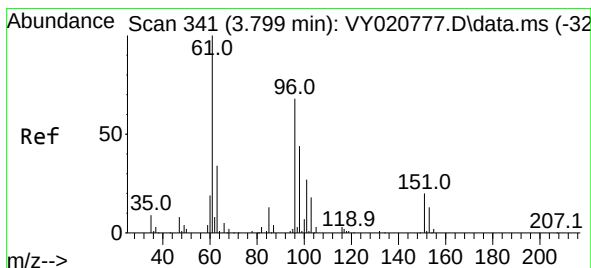
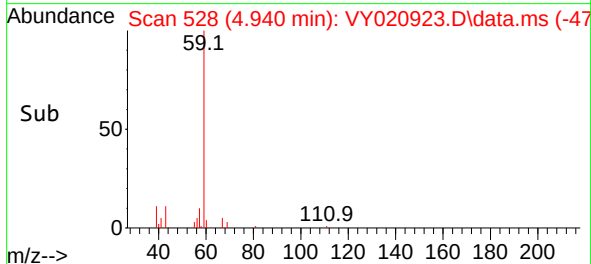
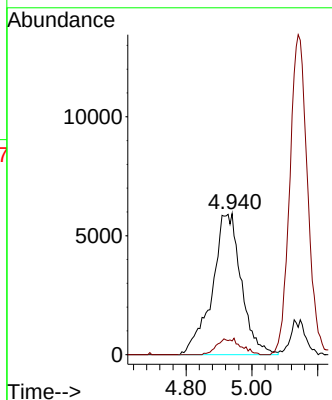
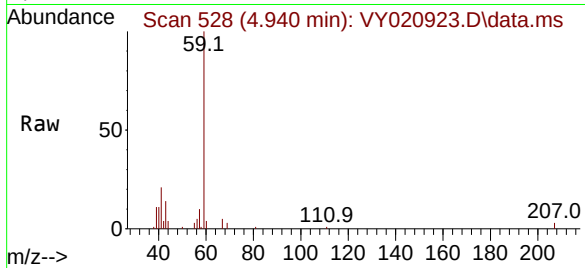




#11
Tert butyl alcohol
Concen: 265.082 ug/l
RT: 4.940 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

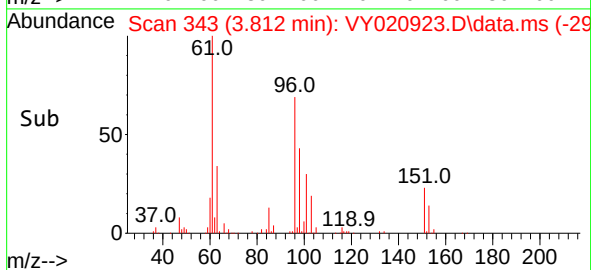
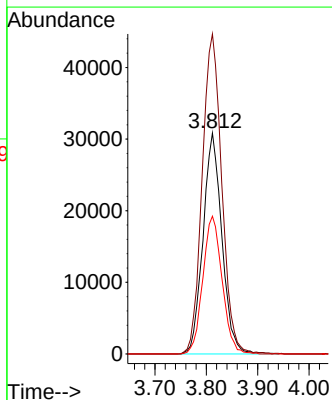
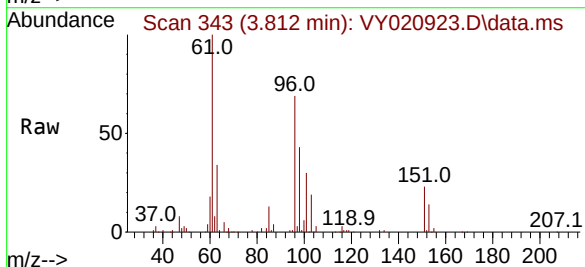
Instrument :
MSVOA_Y
ClientSampleId :

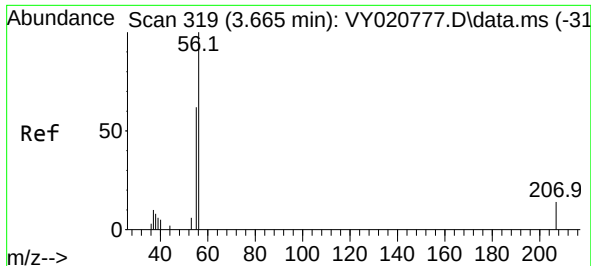
Tgt Ion: 59 Resp: 36375
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 47.274 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

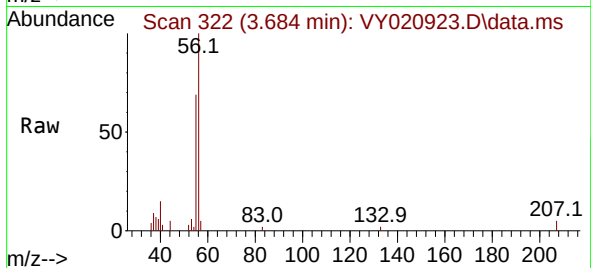
Tgt Ion: 96 Resp: 78766
Ion Ratio Lower Upper
96 100
61 144.8 117.8 176.8
98 62.3 51.9 77.9



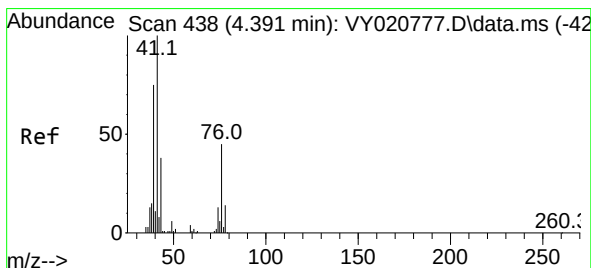
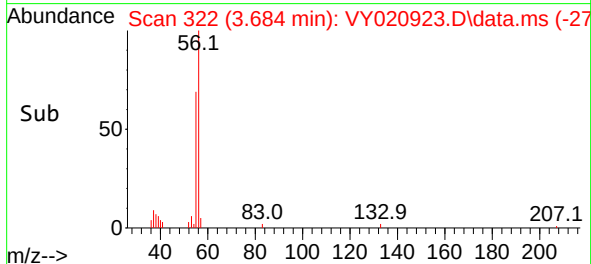
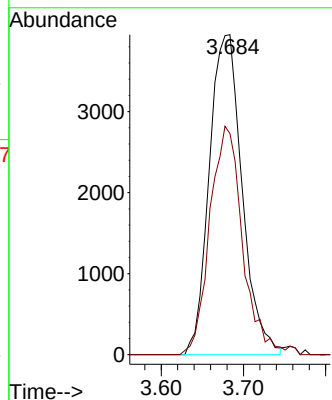


#13
Acrolein
Concen: 284.358 ug/l
RT: 3.684 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

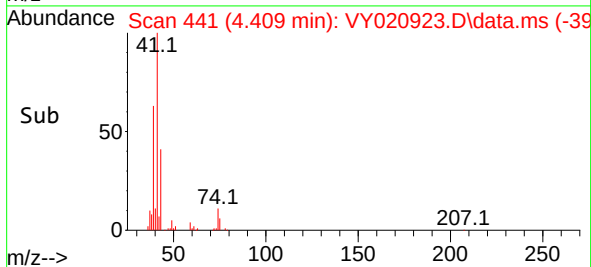
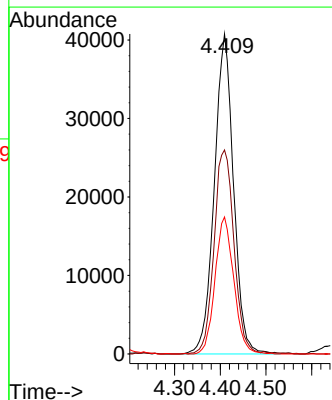
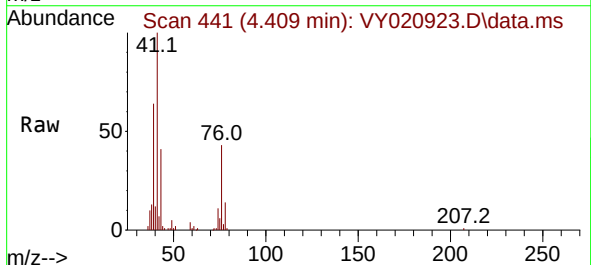


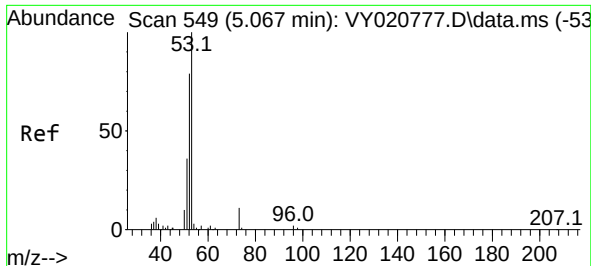
Tgt Ion: 56 Resp: 10958
Ion Ratio Lower Upper
56 100
55 71.4 58.1 87.1



#14
Allyl chloride
Concen: 49.566 ug/l
RT: 4.409 min Scan# 441
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

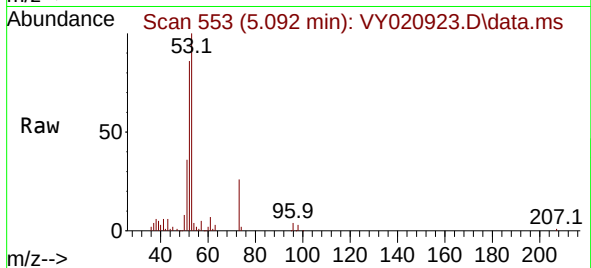
Tgt Ion: 41 Resp: 119145
Ion Ratio Lower Upper
41 100
39 66.1 57.5 86.3
76 41.8 35.6 53.4



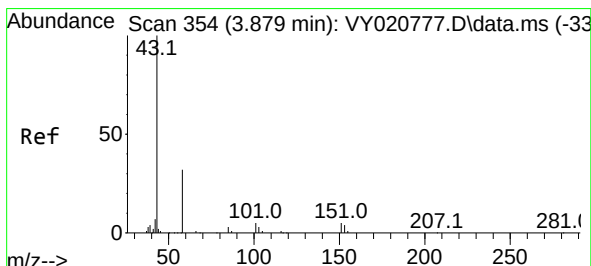
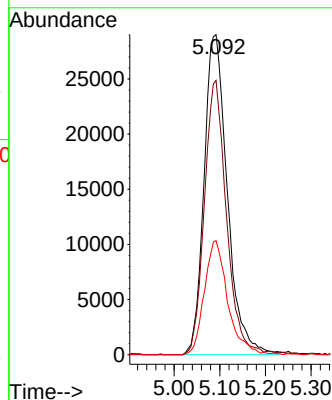
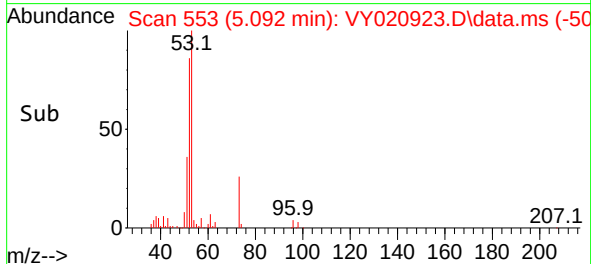


#15
Acrylonitrile
Concen: 274.473 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

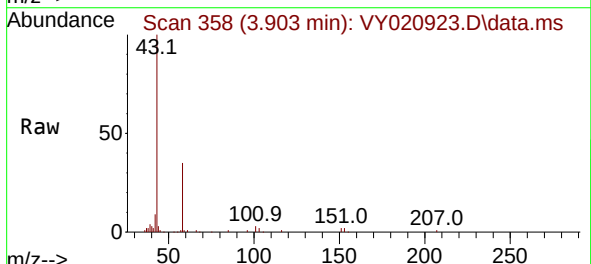
Instrument :
MSVOA_Y
ClientSampleId :



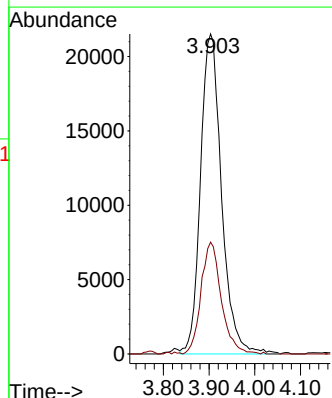
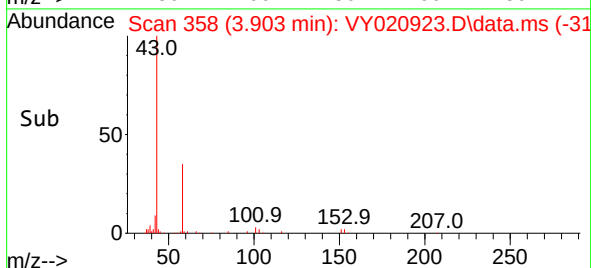
Tgt Ion: 53 Resp: 102756
Ion Ratio Lower Upper
53 100
52 81.1 64.3 96.5
51 35.8 29.3 43.9

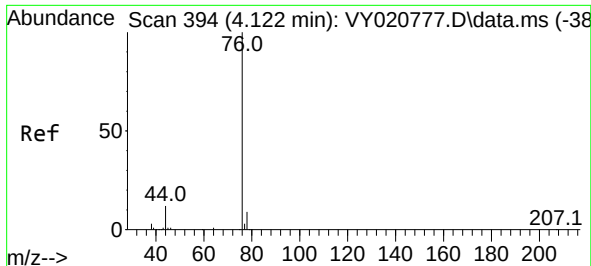


#16
Acetone
Concen: 266.409 ug/l
RT: 3.903 min Scan# 358
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42



Tgt Ion: 43 Resp: 68797
Ion Ratio Lower Upper
43 100
58 34.9 26.7 40.1

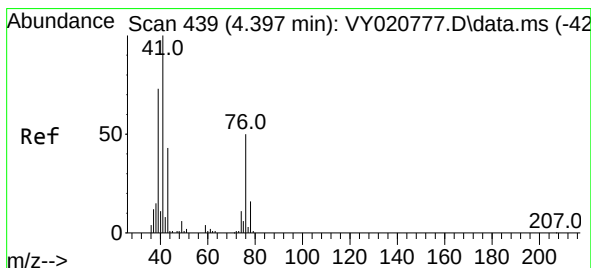
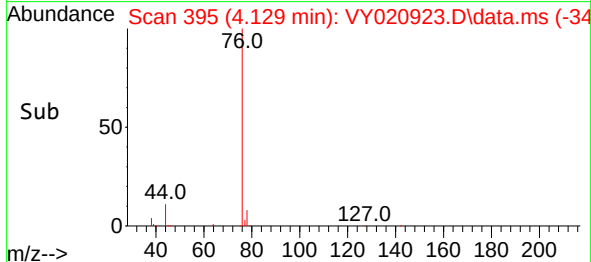
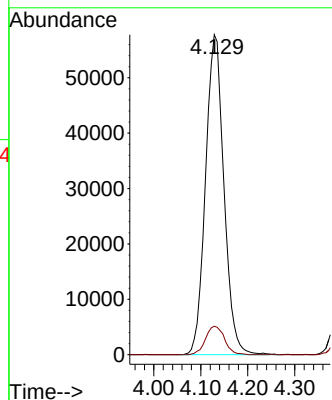
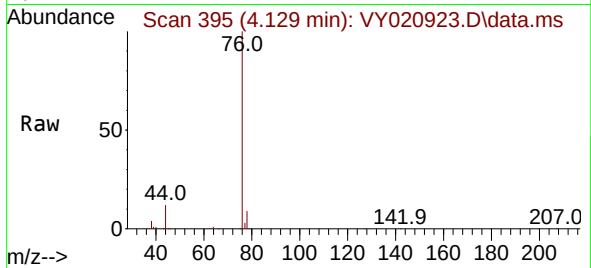




#17
Carbon Disulfide
Concen: 43.421 ug/l
RT: 4.129 min Scan# 394
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

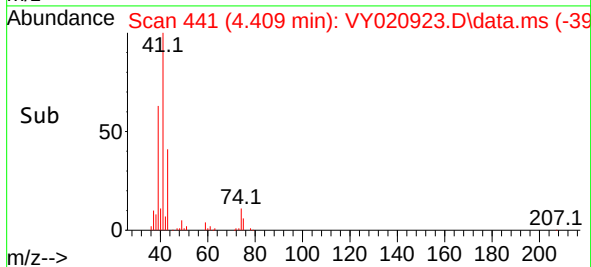
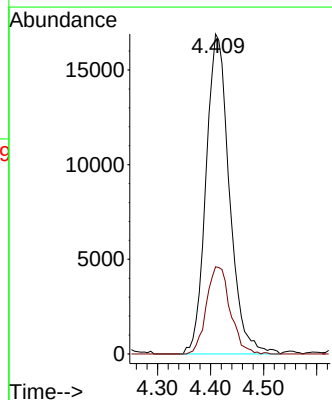
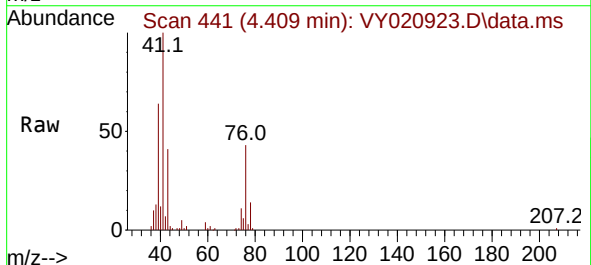
Instrument :
MSVOA_Y
ClientSampleId :

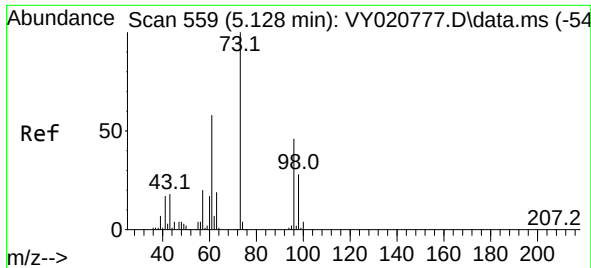
Tgt Ion: 76 Resp: 156945
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 59.419 ug/l
RT: 4.409 min Scan# 441
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 43 Resp: 51810
Ion Ratio Lower Upper
43 100
74 27.6 23.0 34.6

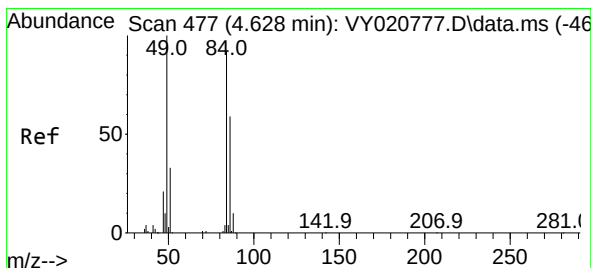
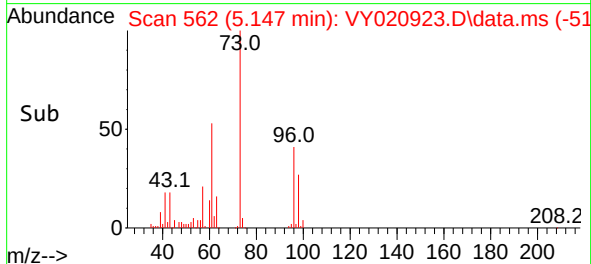
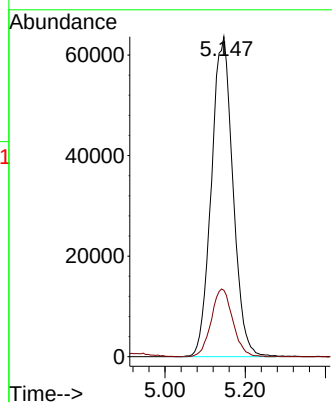
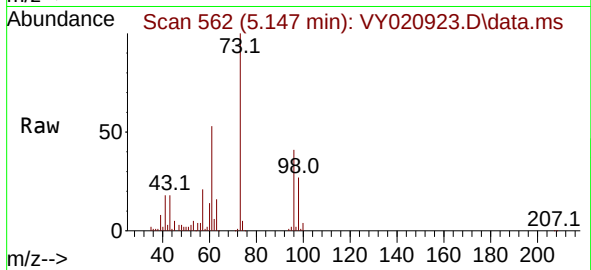




#19
Methyl tert-butyl Ether
Concen: 50.453 ug/l
RT: 5.147 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

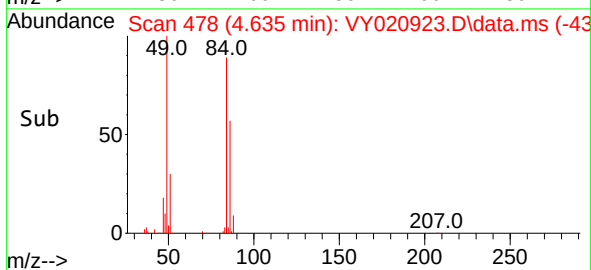
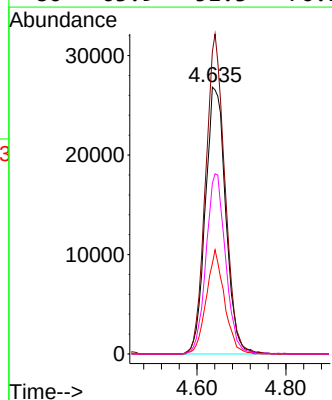
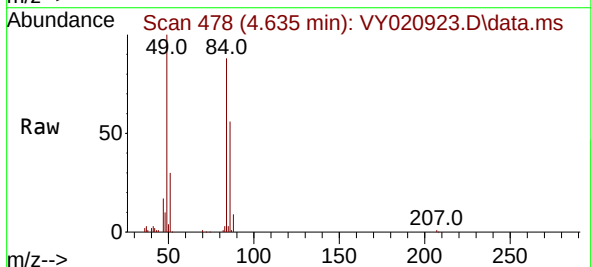
Instrument :
MSVOA_Y
ClientSampleId :

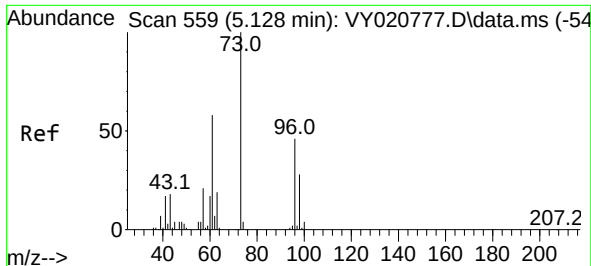
Tgt Ion: 73 Resp: 237234
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 47.910 ug/l
RT: 4.635 min Scan# 478
Delta R.T. -0.024 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 84 Resp: 85443
Ion Ratio Lower Upper
84 100
49 113.2 86.7 130.1
51 33.9 28.4 42.6
86 63.9 51.3 76.9

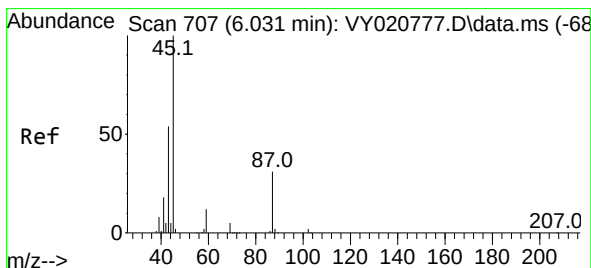
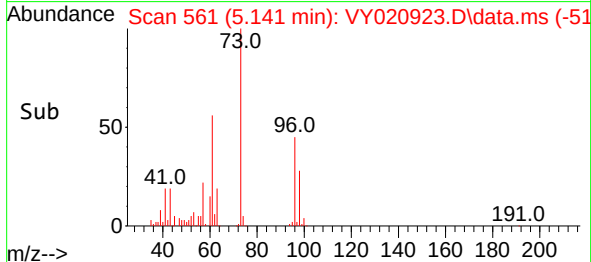
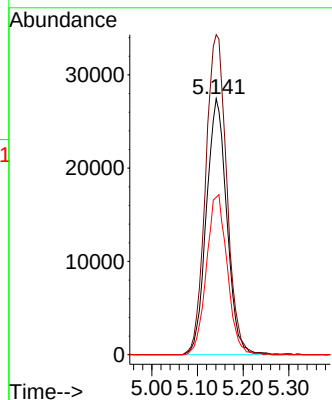
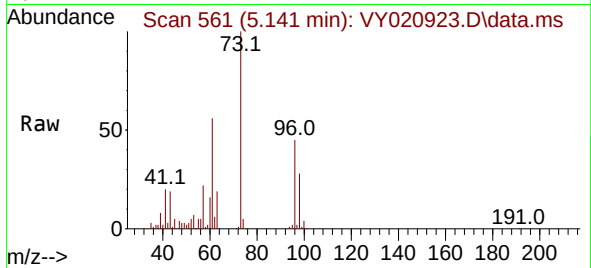




#21
trans-1,2-Dichloroethene
Concen: 46.558 ug/l
RT: 5.141 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

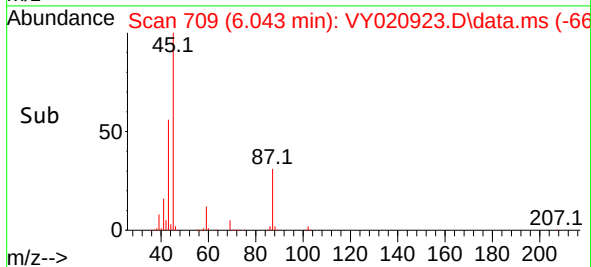
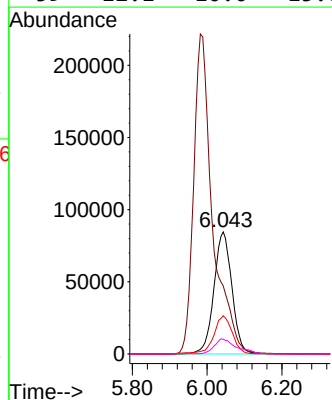
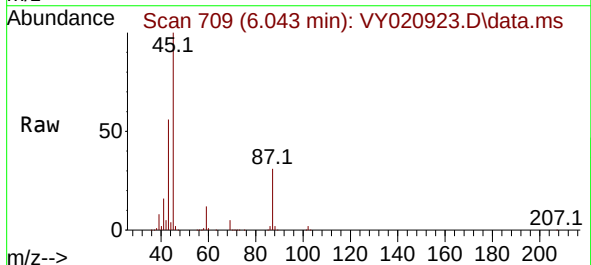
Instrument :
MSVOA_Y
ClientSampleId :

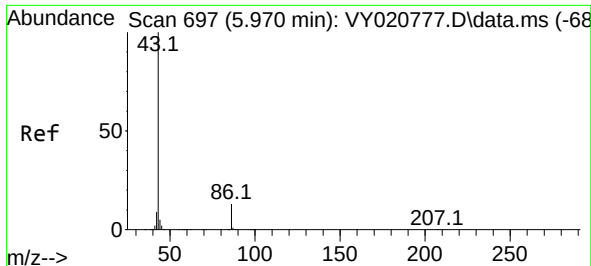
Tgt Ion: 96 Resp: 85426
Ion Ratio Lower Upper
96 100
61 125.0 101.6 152.4
98 61.5 49.4 74.2



#22
Diisopropyl ether
Concen: 55.126 ug/l
RT: 6.043 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 45 Resp: 282276
Ion Ratio Lower Upper
45 100
43 55.3 43.9 65.9
87 31.4 25.3 37.9
59 12.1 10.0 15.0

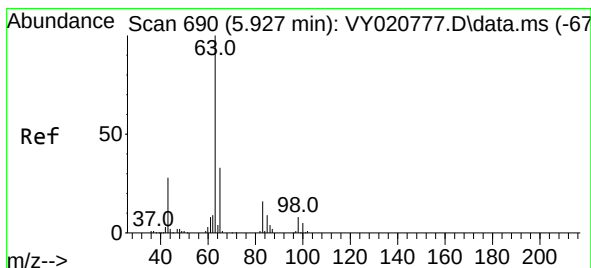
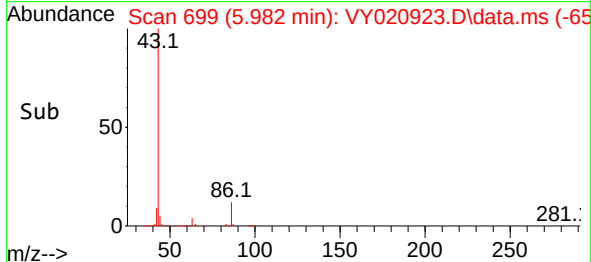
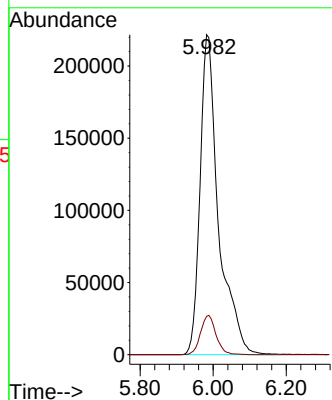
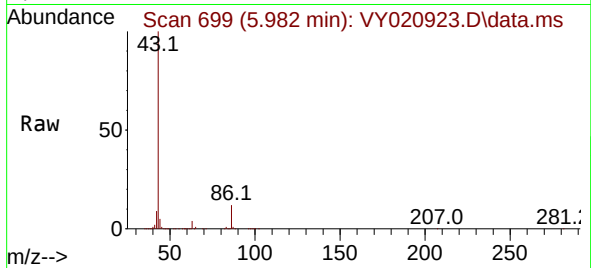




#23
 Vinyl Acetate
 Concen: 275.833 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. -0.018 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

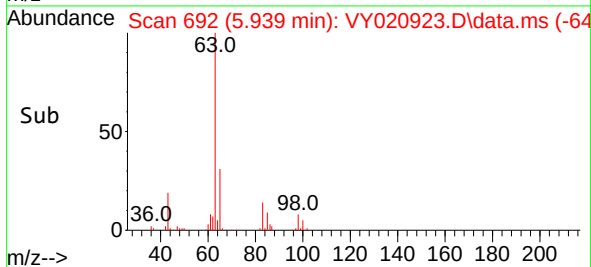
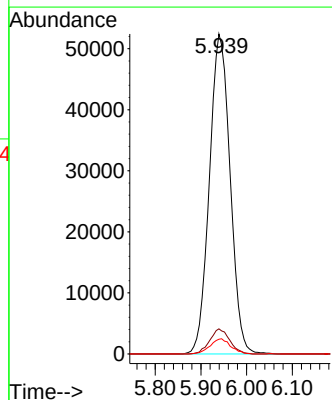
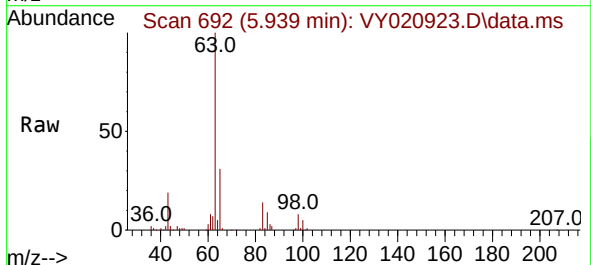
Instrument :
 MSVOA_Y
 ClientSampleId :

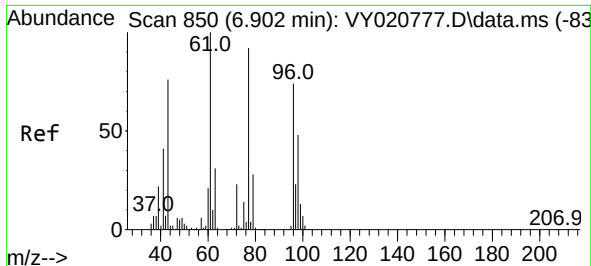
Tgt Ion: 43 Resp: 778761
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 48.920 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. -0.018 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

Tgt Ion: 63 Resp: 165268
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.6 2.4 7.2

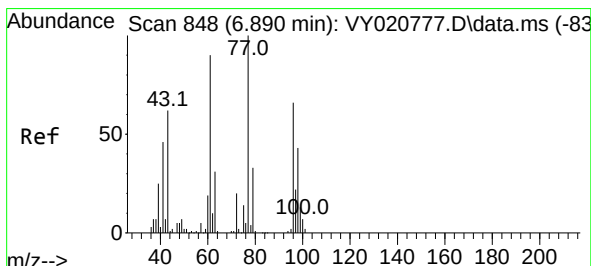
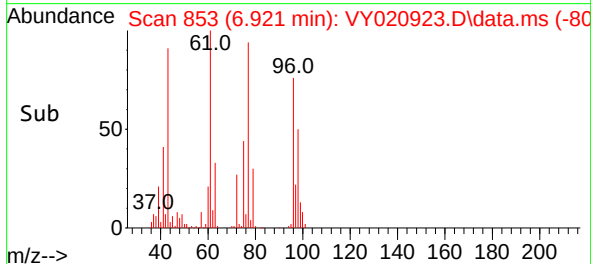
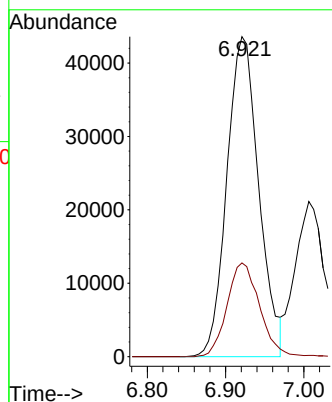
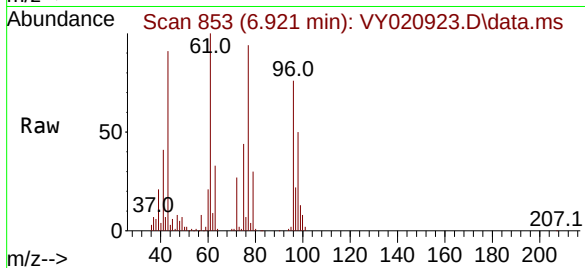




#25
2-Butanone
Concen: 291.094 ug/l
RT: 6.921 min Scan# 853
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

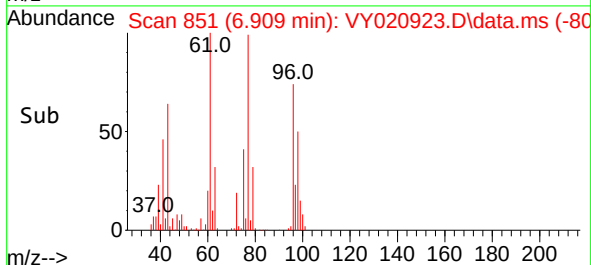
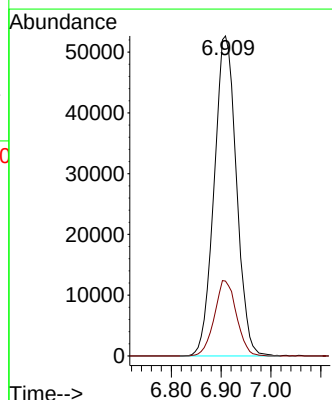
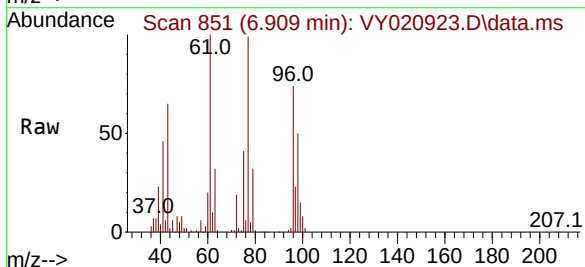
Instrument :
MSVOA_Y
ClientSampleId :

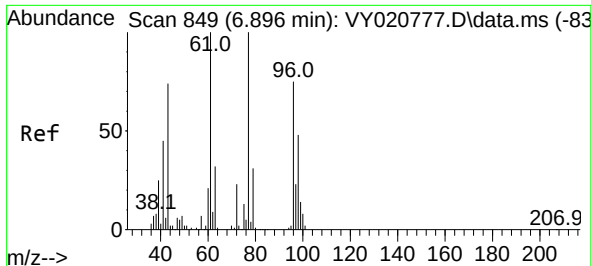
Tgt Ion: 43 Resp: 123482
Ion Ratio Lower Upper
43 100
72 29.3 24.0 36.0



#26
2,2-Dichloropropane
Concen: 46.589 ug/l
RT: 6.909 min Scan# 851
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 77 Resp: 163415
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.726 ug/l

RT: 6.915 min Scan# 81

Delta R.T. -0.012 min

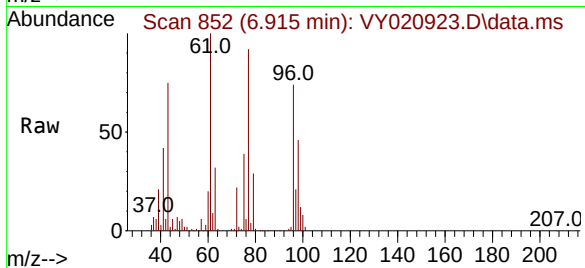
Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :



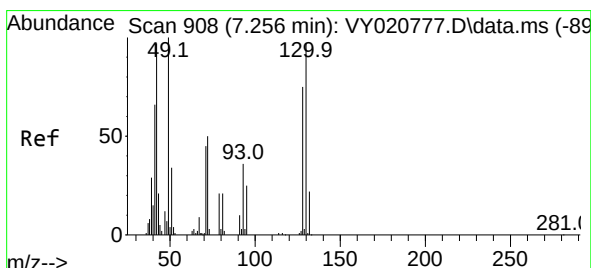
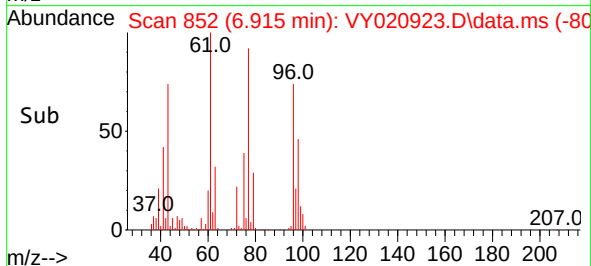
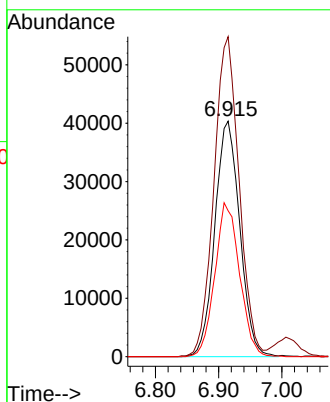
Tgt Ion: 96 Resp: 110484

Ion Ratio Lower Upper

96 100

61 136.8 0.0 271.4

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 59.836 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

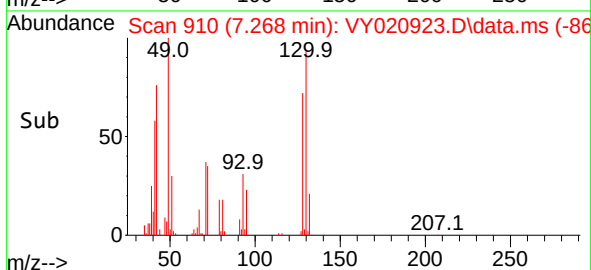
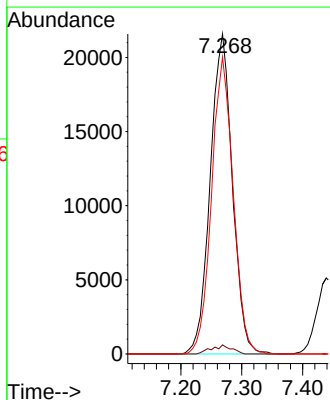
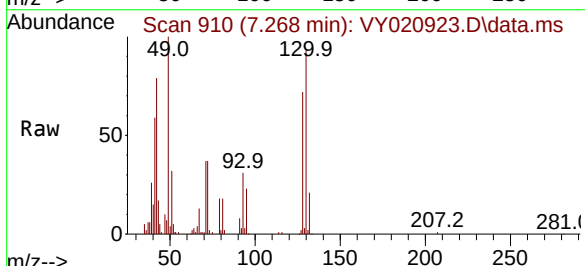
Tgt Ion: 49 Resp: 54546

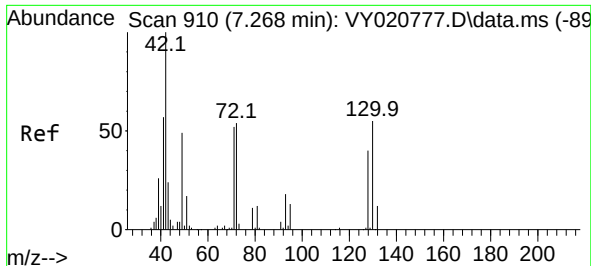
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 90.4 77.8 116.6





#29

Tetrahydrofuran

Concen: 301.739 ug/l

RT: 7.287 min Scan# 910

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

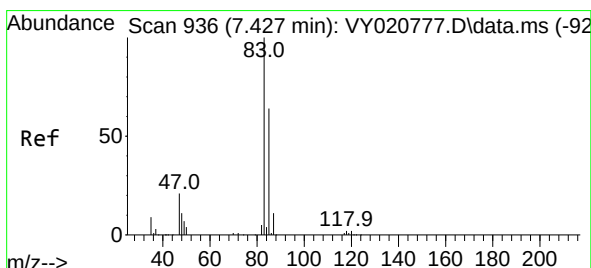
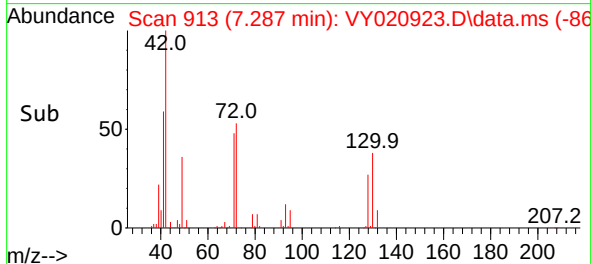
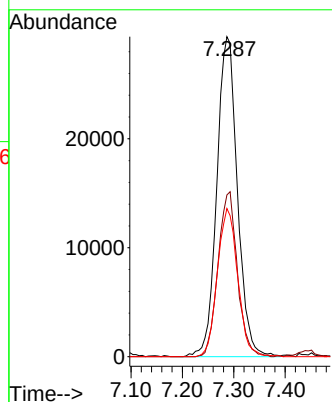
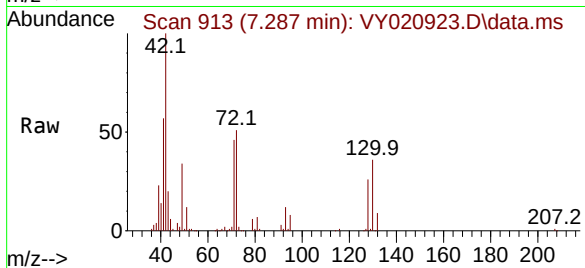
Tgt Ion: 42 Resp: 81765

Ion Ratio Lower Upper

42 100

72 48.5 41.8 62.6

71 45.8 39.8 59.8



#30

Chloroform

Concen: 47.099 ug/l

RT: 7.439 min Scan# 938

Delta R.T. -0.018 min

Lab File: VY020923.D

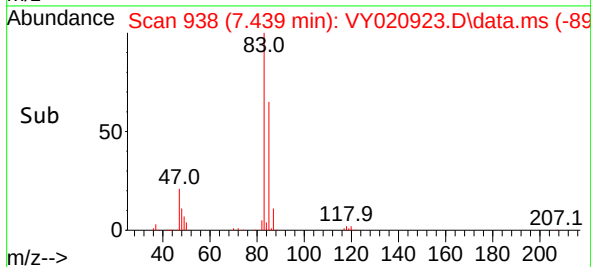
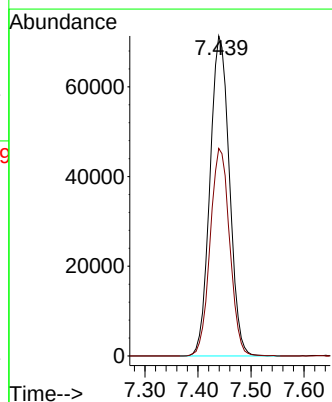
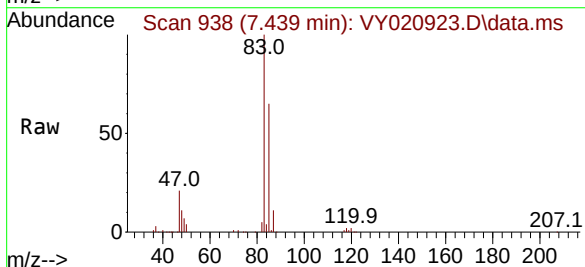
Acq: 24 Jan 2025 09:42

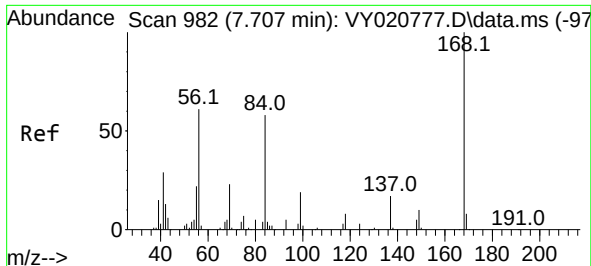
Tgt Ion: 83 Resp: 181456

Ion Ratio Lower Upper

83 100

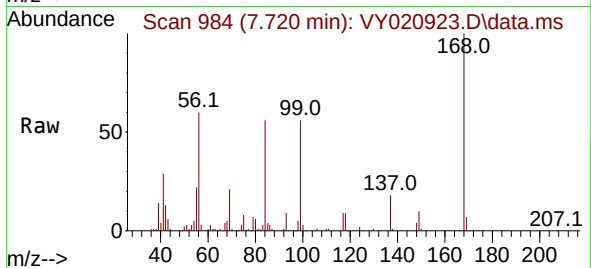
85 64.9 51.1 76.7



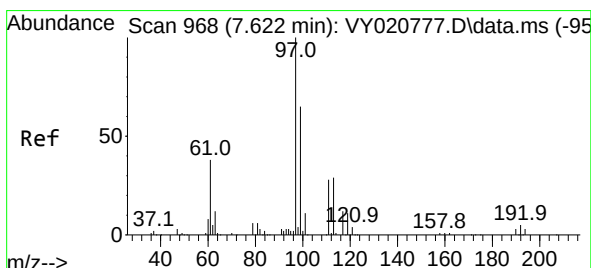
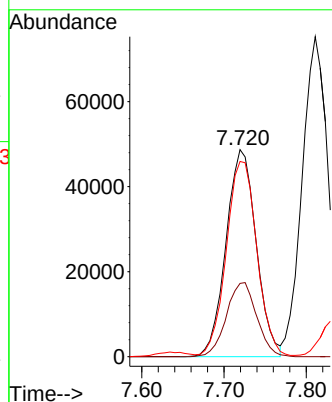
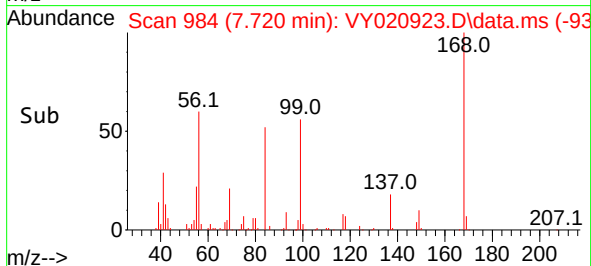


#31
Cyclohexane
Concen: 47.083 ug/l
RT: 7.720 min Scan# 911
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

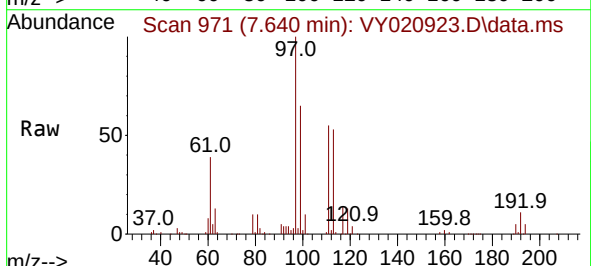
Instrument :
MSVOA_Y
ClientSampleId :



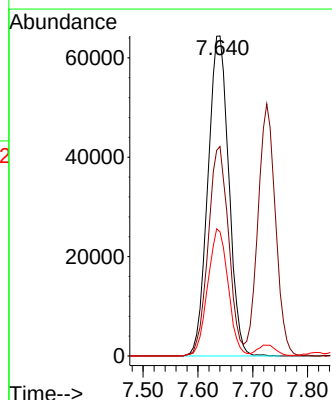
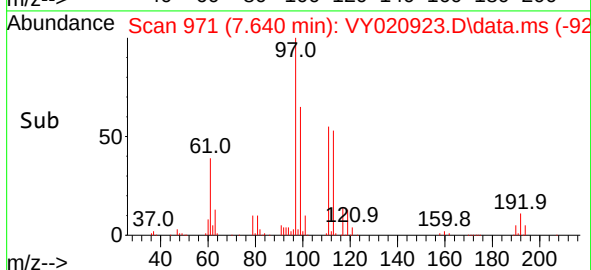
Tgt Ion: 56 Resp: 124416
Ion Ratio Lower Upper
56 100
69 35.4 30.5 45.7
84 92.2 76.6 115.0

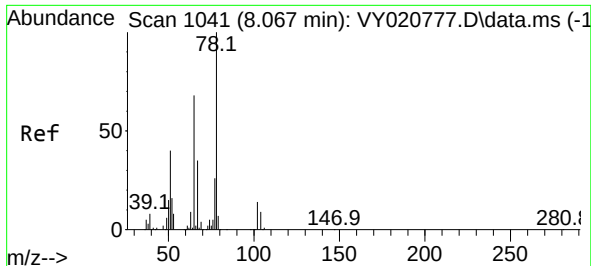


#32
1,1,1-Trichloroethane
Concen: 45.217 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42



Tgt Ion: 97 Resp: 169923
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 38.9 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 61.379 ug/l

RT: 8.079 min Scan# 111464

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

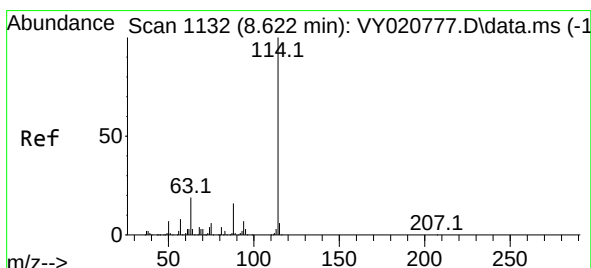
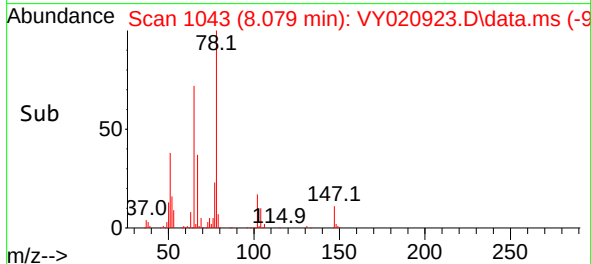
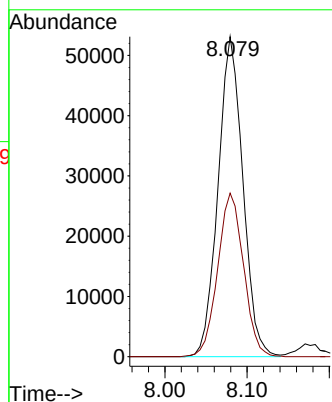
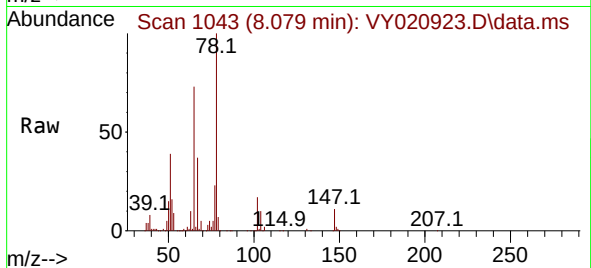
ClientSampleId :

Tgt Ion: 65 Resp: 111464

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

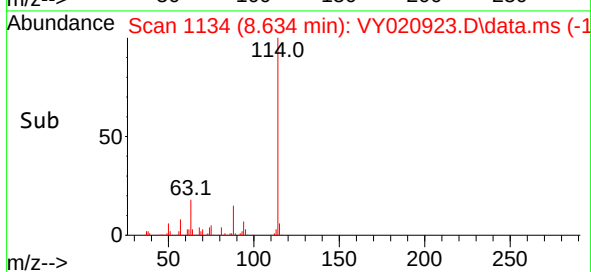
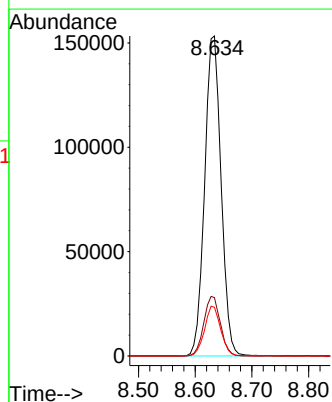
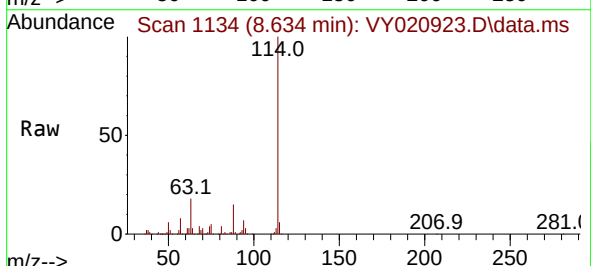
Tgt Ion:114 Resp: 308546

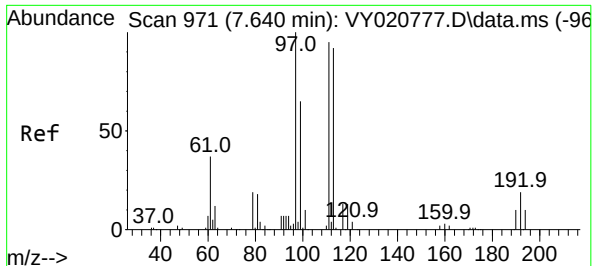
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 60.660 ug/l

RT: 7.652 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

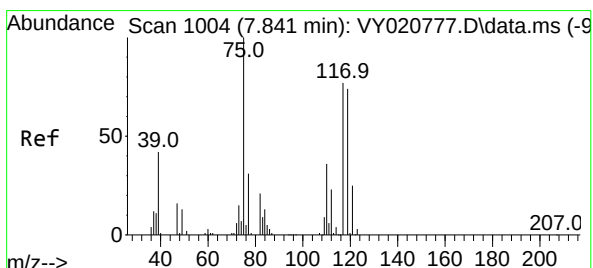
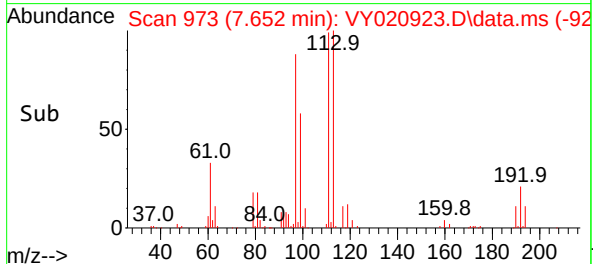
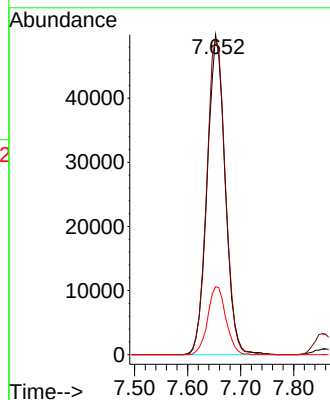
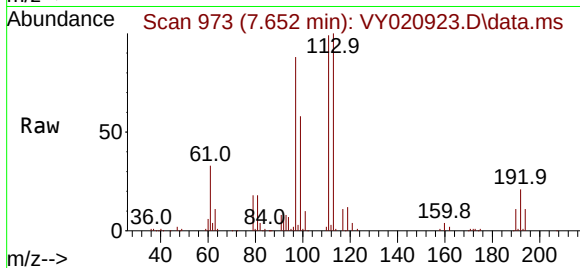
Tgt Ion:113 Resp: 117257

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

192 21.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 49.252 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

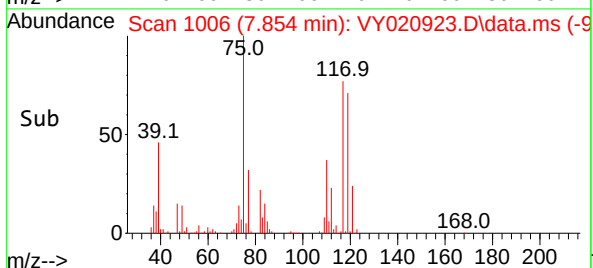
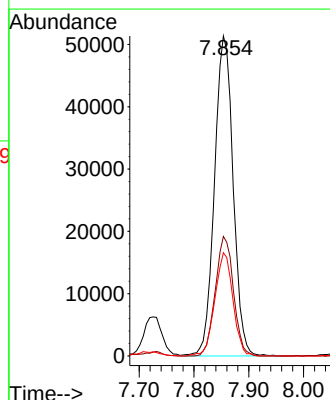
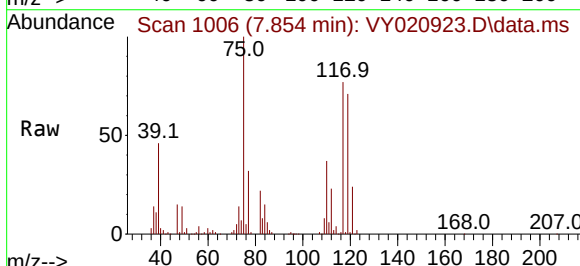
Tgt Ion: 75 Resp: 121433

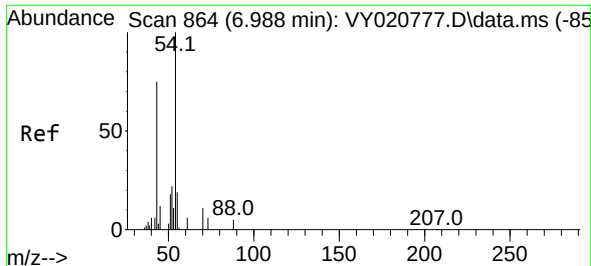
Ion Ratio Lower Upper

75 100

110 36.4 18.5 55.5

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 59.140 ug/l

RT: 7.006 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

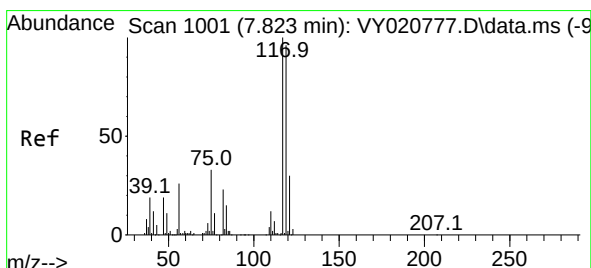
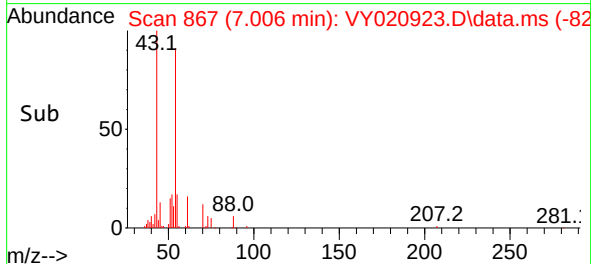
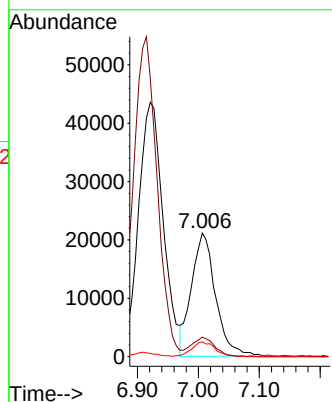
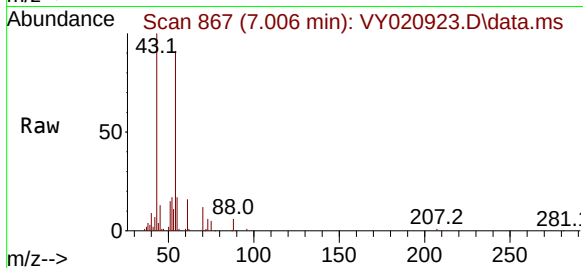
Tgt Ion: 43 Resp: 58026

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.6

70 11.7 9.8 14.8



#38

Carbon Tetrachloride

Concen: 45.864 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

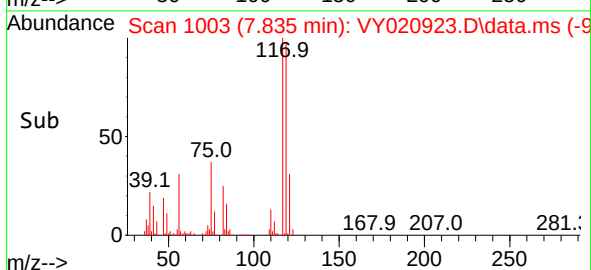
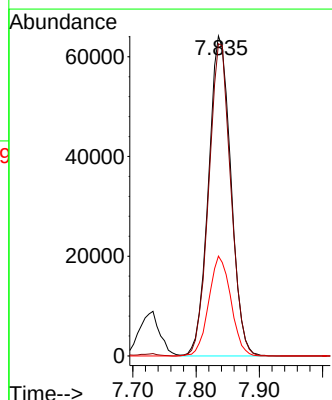
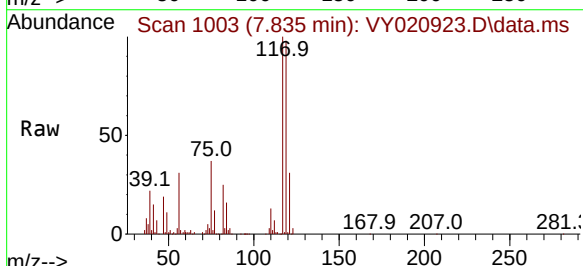
Tgt Ion: 117 Resp: 157409

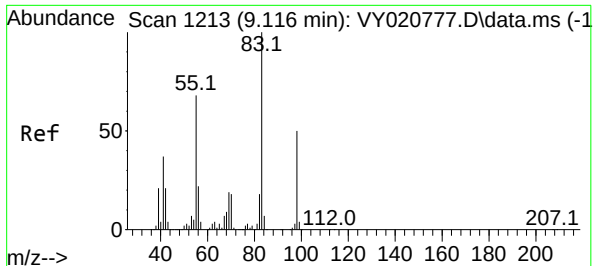
Ion Ratio Lower Upper

117 100

119 97.6 76.5 114.7

121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 48.334 ug/l

RT: 9.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

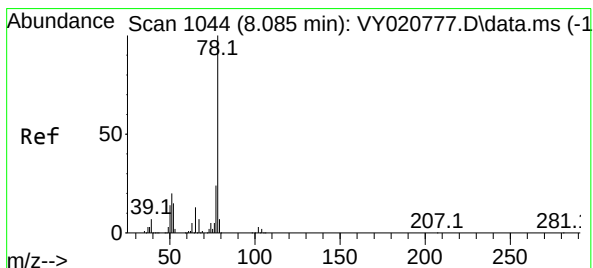
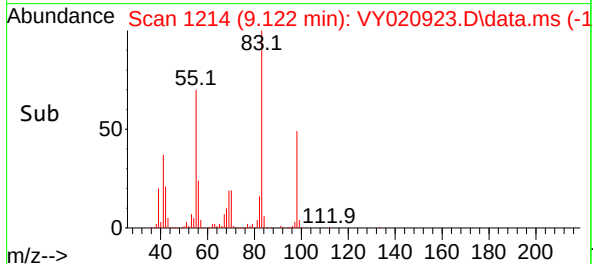
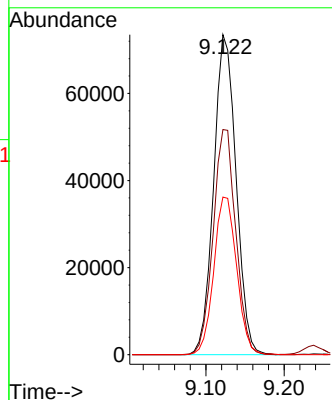
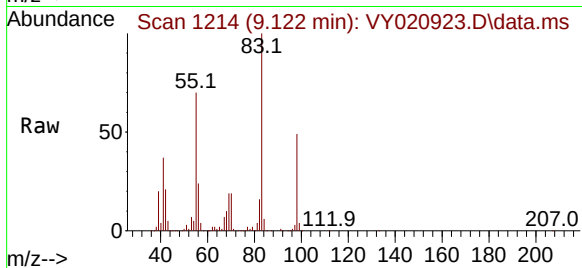
Tgt Ion: 83 Resp: 146237

Ion Ratio Lower Upper

83 100

55 70.3 54.8 82.2

98 49.3 40.0 60.0



#40

Benzene

Concen: 49.170 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. -0.012 min

Lab File: VY020923.D

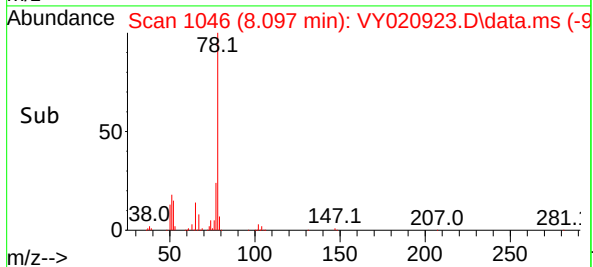
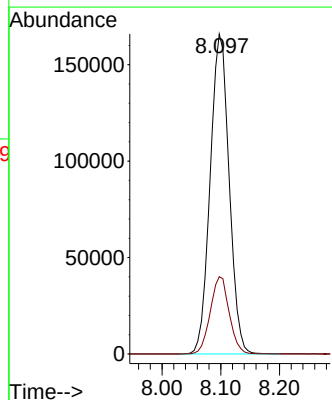
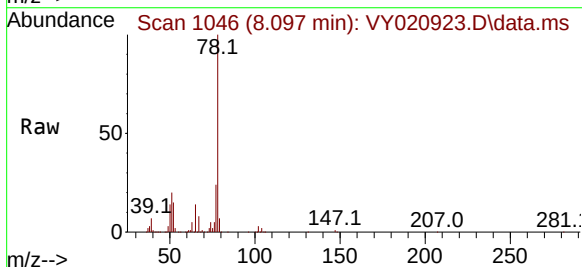
Acq: 24 Jan 2025 09:42

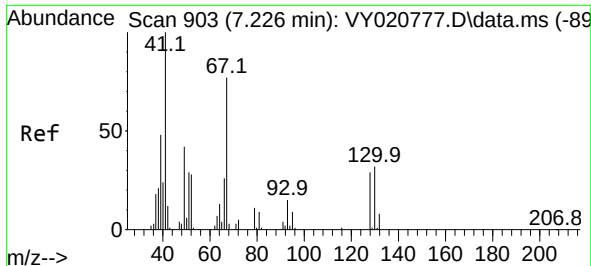
Tgt Ion: 78 Resp: 372072

Ion Ratio Lower Upper

78 100

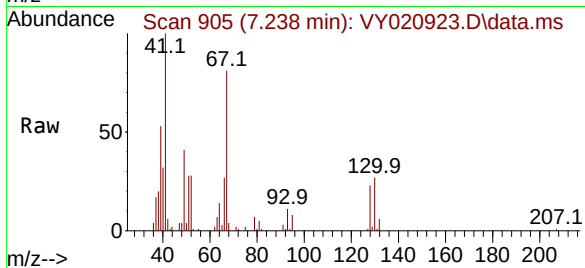
77 24.1 19.4 29.2



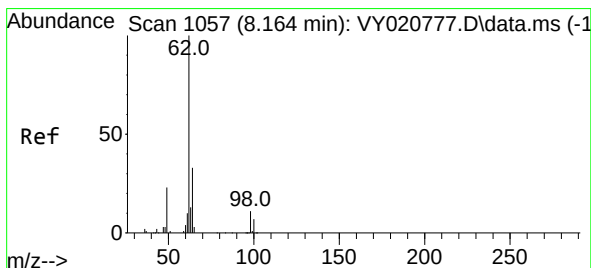
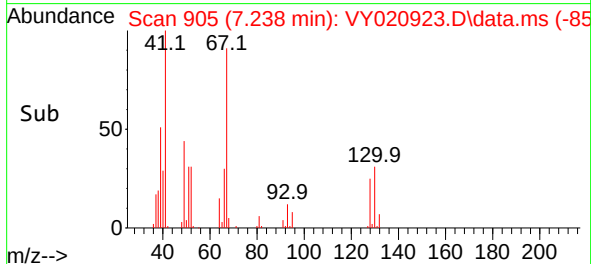
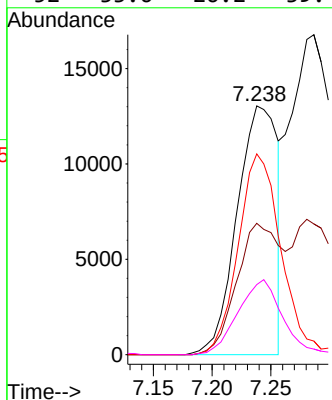


#41
Methacrylonitrile
Concen: 55.409 ug/l
RT: 7.238 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

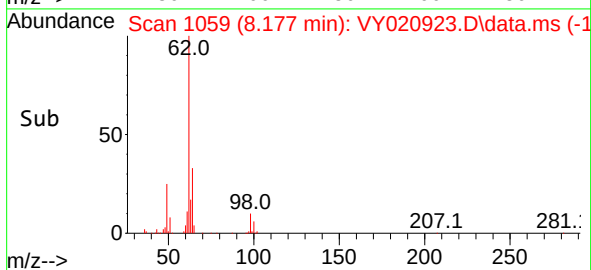
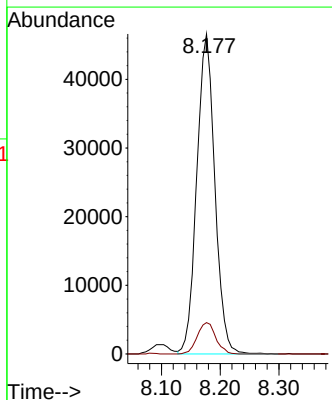
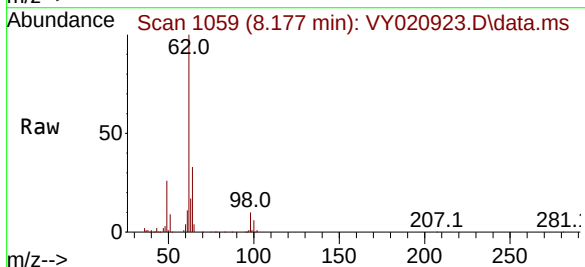


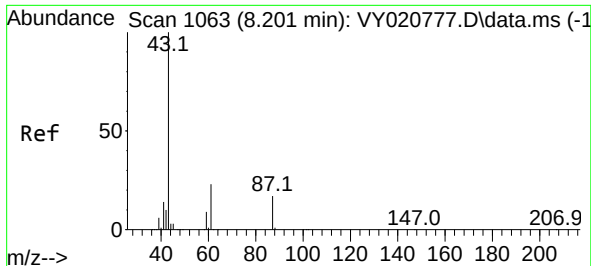
Tgt Ion:	41	Resp:	31135
Ion Ratio	Lower	Upper	
41	100		
39	58.8	42.4	63.6
67	86.0	67.8	101.8
52	33.6	26.2	39.4



#42
1,2-Dichloroethane
Concen: 48.188 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion:	62	Resp:	99581
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 58.657 ug/l

RT: 8.213 min Scan# 1106

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

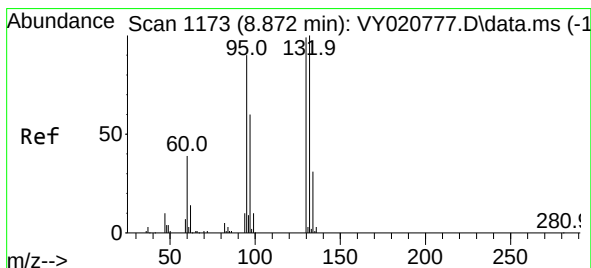
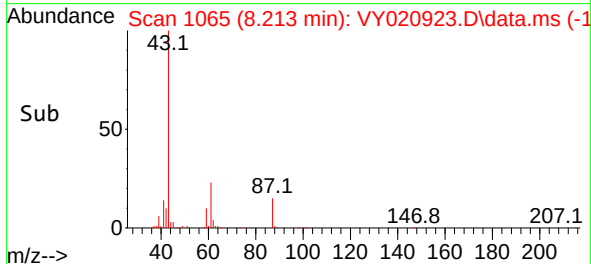
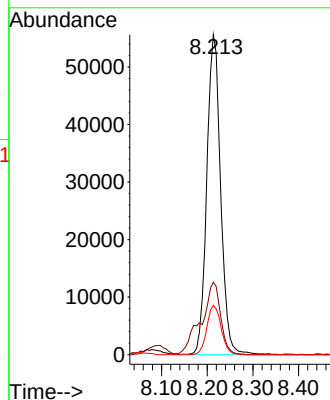
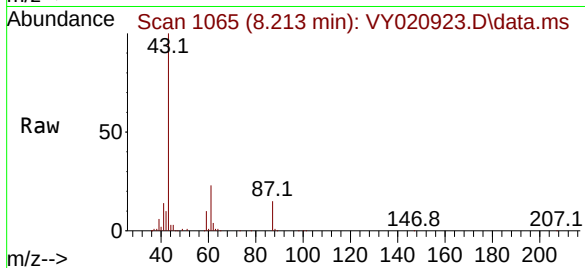
Tgt Ion: 43 Resp: 117060

Ion Ratio Lower Upper

43 100

61 31.9 26.5 39.7

87 15.9 13.4 20.0



#44

Trichloroethene

Concen: 48.191 ug/l

RT: 8.884 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VY020923.D

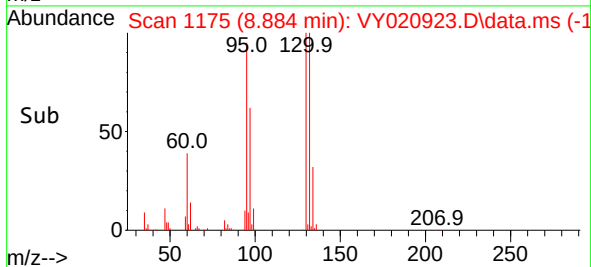
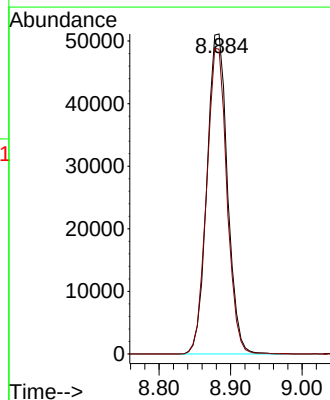
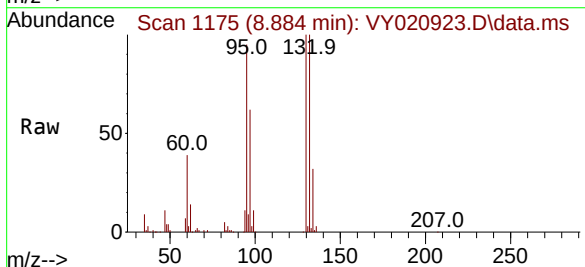
Acq: 24 Jan 2025 09:42

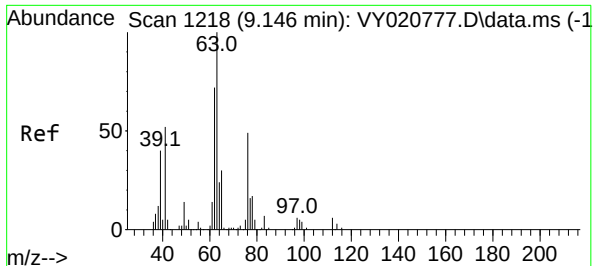
Tgt Ion:130 Resp: 101657

Ion Ratio Lower Upper

130 100

95 95.3 0.0 181.0





#45

1,2-Dichloropropane

Concen: 52.645 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

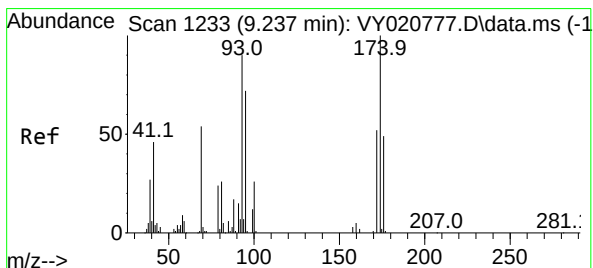
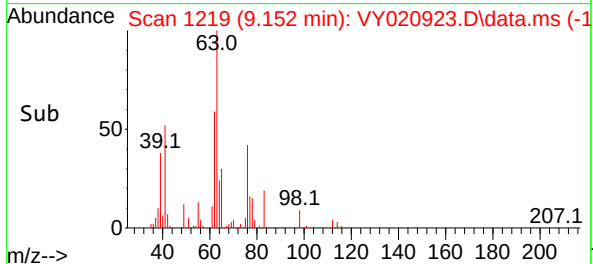
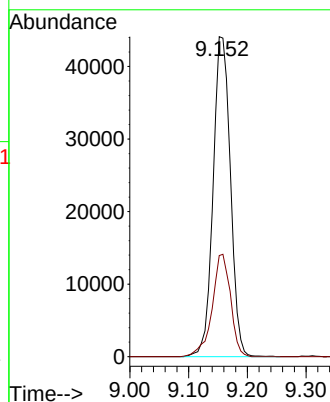
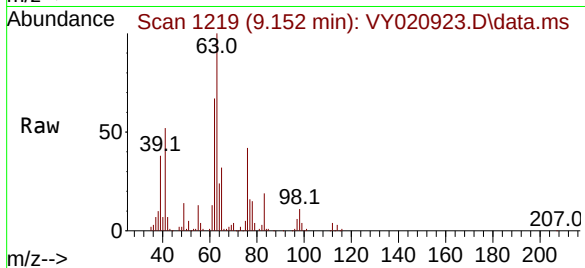
ClientSampleId :

Tgt Ion: 63 Resp: 90311

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#46

Dibromomethane

Concen: 52.200 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

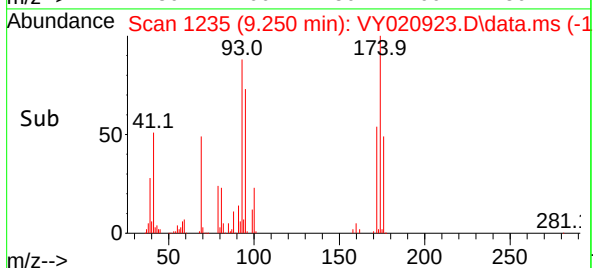
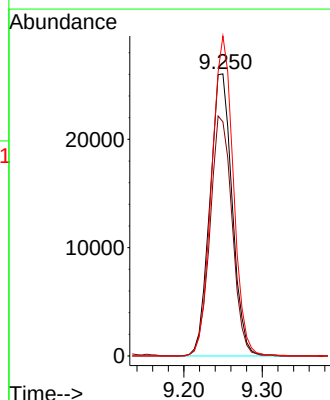
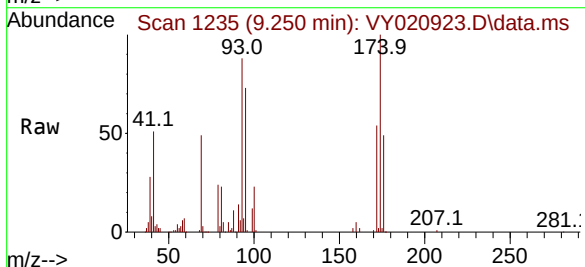
Tgt Ion: 93 Resp: 51422

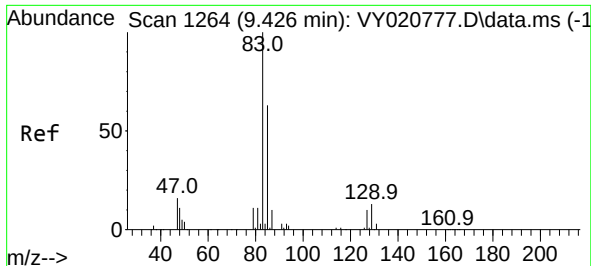
Ion Ratio Lower Upper

93 100

95 84.3 68.2 102.4

174 110.5 89.0 133.6





#47

Bromodichloromethane

Concen: 50.376 ug/l

RT: 9.439 min Scan# 1266

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

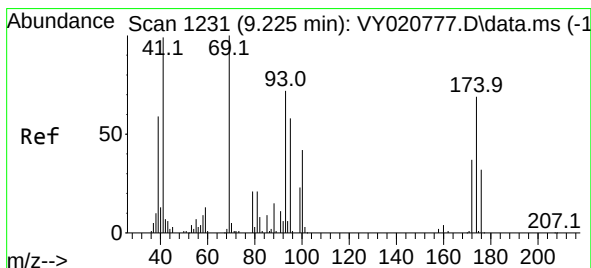
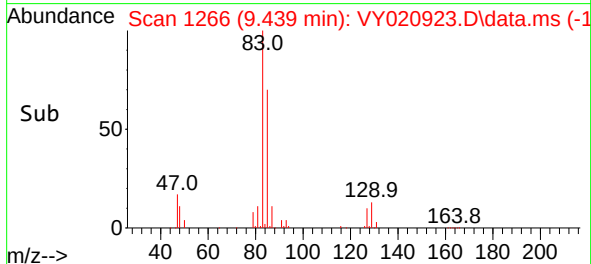
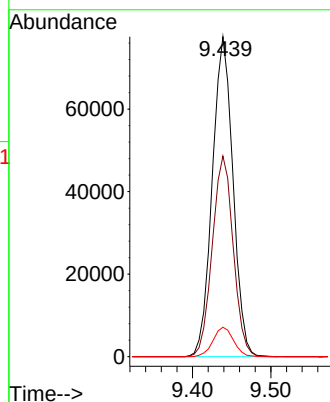
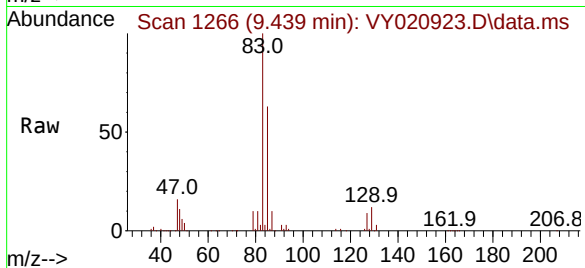
Tgt Ion: 83 Resp: 142122

Ion Ratio Lower Upper

83 100

85 62.7 50.7 76.1

127 9.2 7.9 11.9



#48

Methyl methacrylate

Concen: 58.860 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

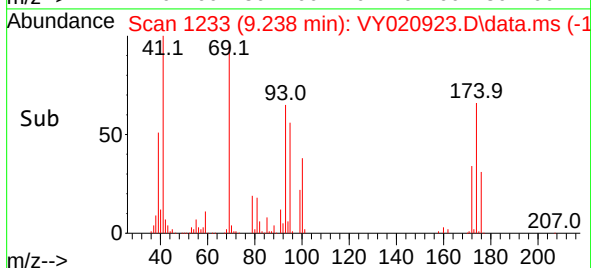
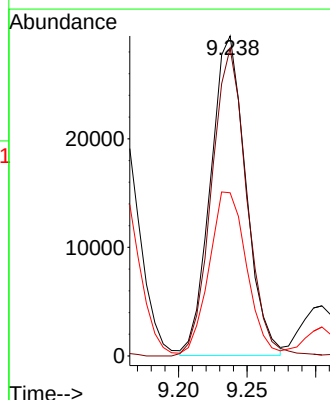
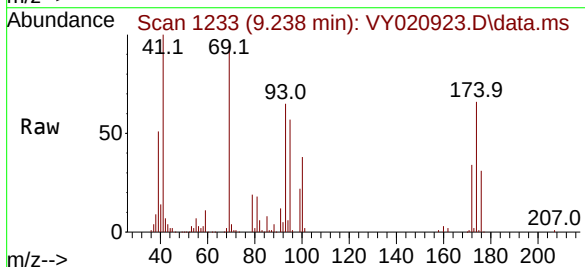
Tgt Ion: 41 Resp: 52661

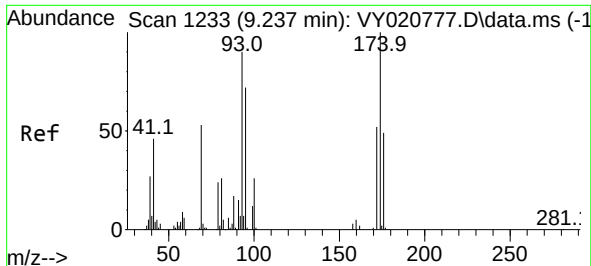
Ion Ratio Lower Upper

41 100

69 96.3 78.9 118.3

39 52.9 44.6 67.0





#49

1,4-Dioxane

Concen: 1061.758 ug/l

RT: 9.262 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

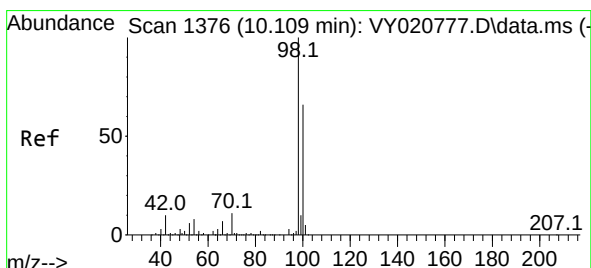
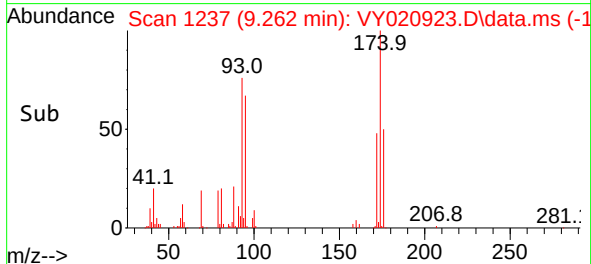
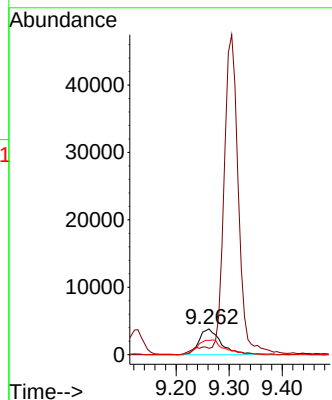
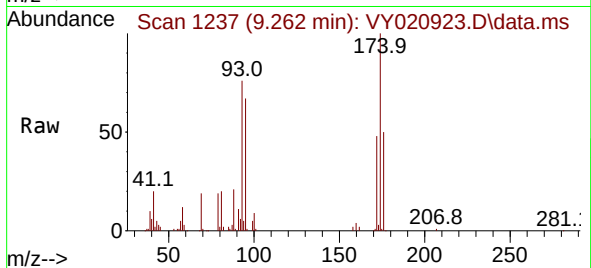
Tgt Ion: 88 Resp: 11105

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 68.7 51.0 76.6



#50

Toluene-d8

Concen: 68.097 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. -0.012 min

Lab File: VY020923.D

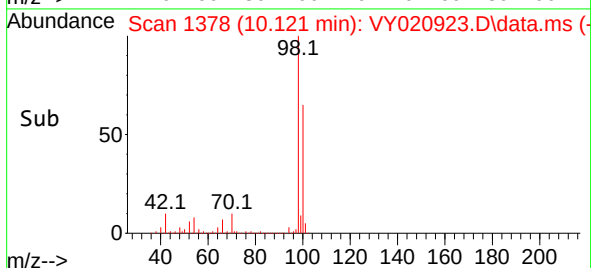
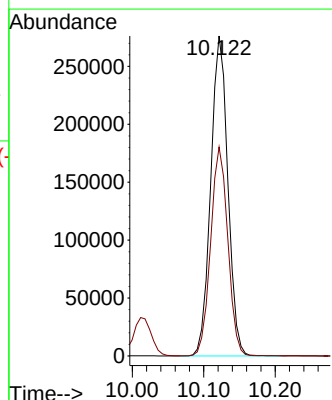
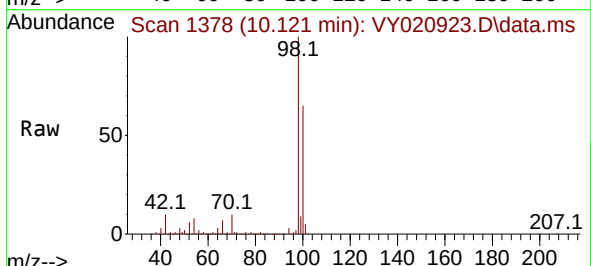
Acq: 24 Jan 2025 09:42

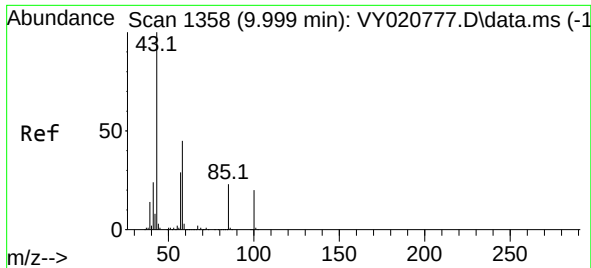
Tgt Ion: 98 Resp: 458871

Ion Ratio Lower Upper

98 100

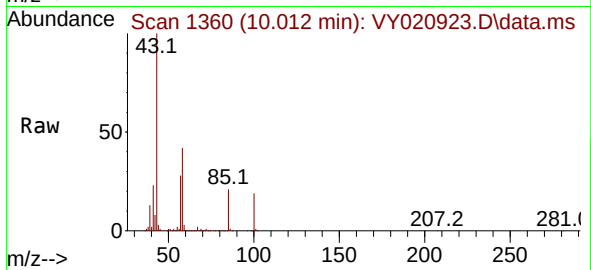
100 65.4 52.5 78.7



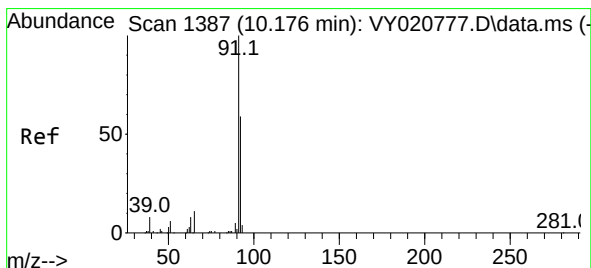
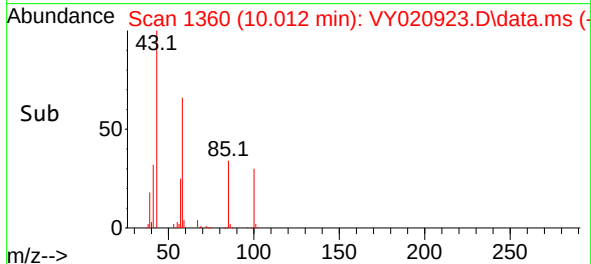
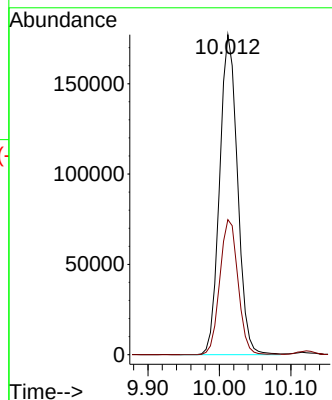


#51
4-Methyl-2-Pentanone
Concen: 308.614 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

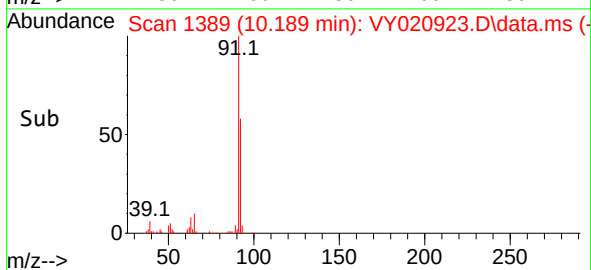
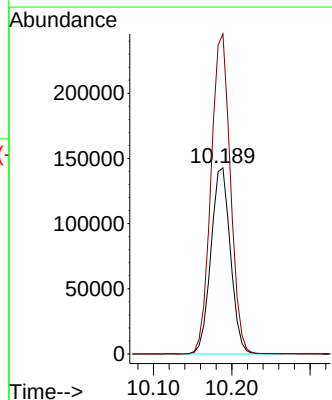
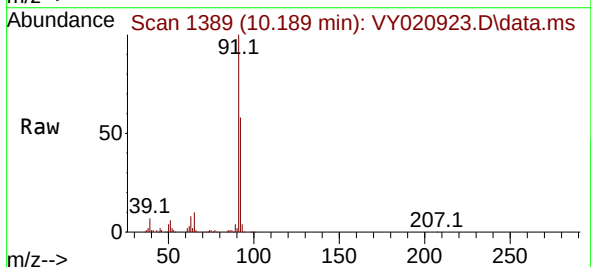


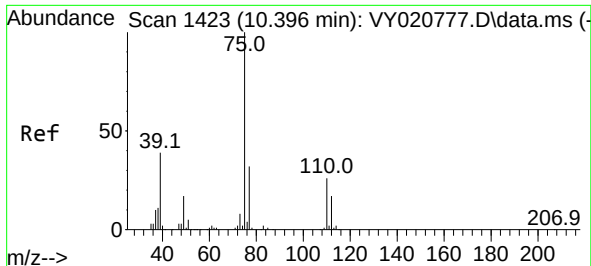
Tgt Ion: 43 Resp: 307689
Ion Ratio Lower Upper
43 100
58 42.9 34.8 52.2



#52
Toluene
Concen: 49.174 ug/l
RT: 10.189 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 92 Resp: 246409
Ion Ratio Lower Upper
92 100
91 171.2 136.6 204.8

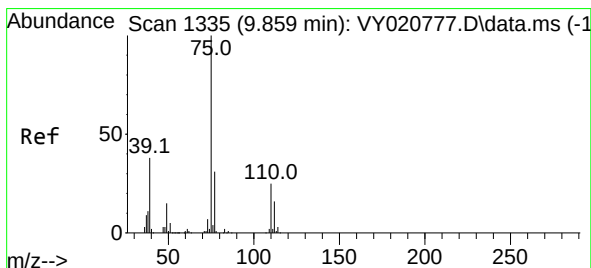
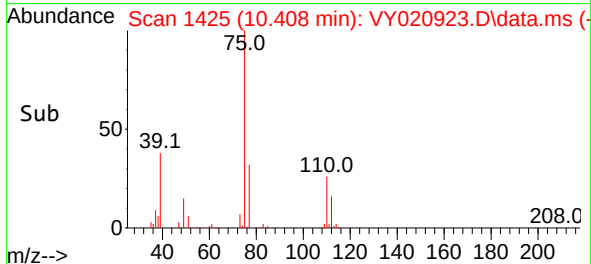
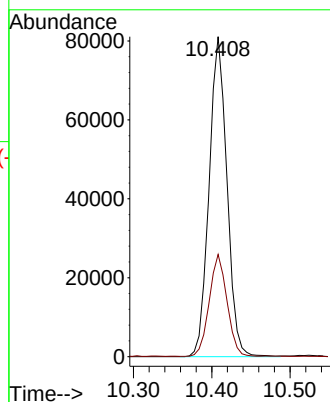
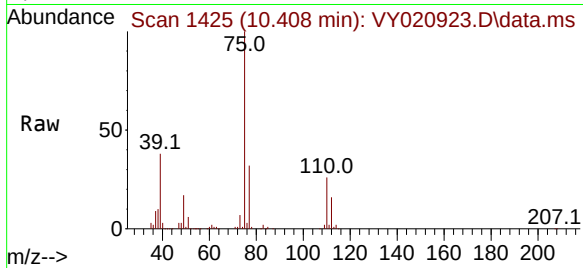




#53
 t-1,3-Dichloropropene
 Concen: 51.124 ug/l
 RT: 10.408 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

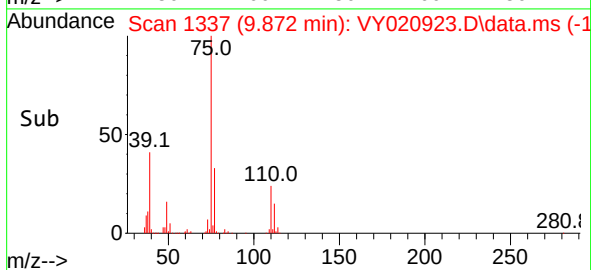
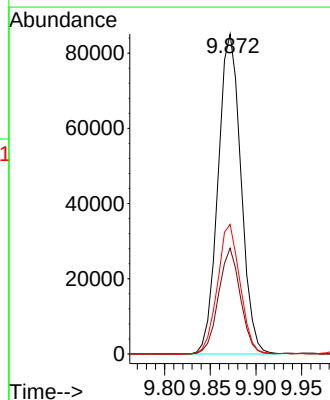
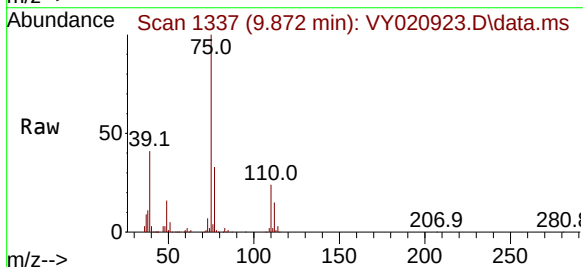
Instrument :
 MSVOA_Y
 ClientSampleId :

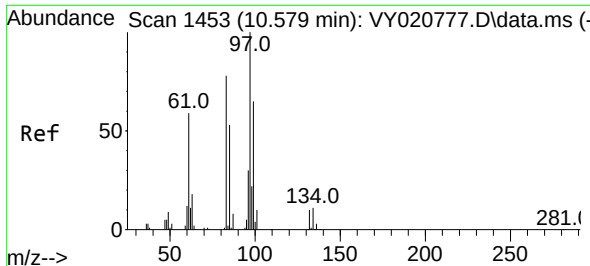
Tgt Ion: 75 Resp: 128281
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.847 ug/l
 RT: 9.872 min Scan# 1337
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

Tgt Ion: 75 Resp: 148176
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.5 36.7
 39 40.5 30.7 46.1

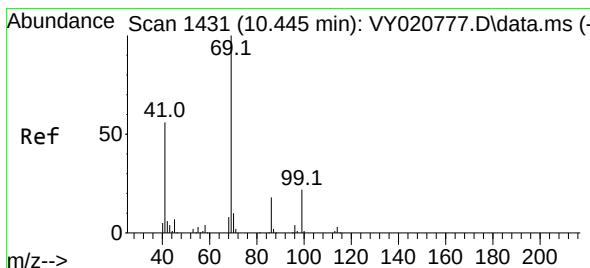
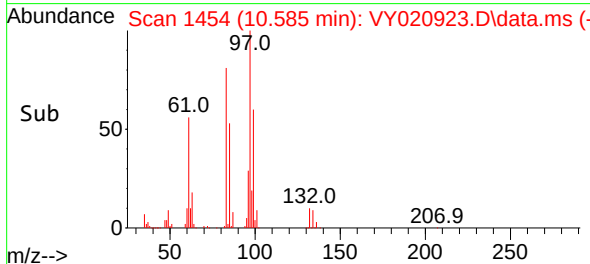
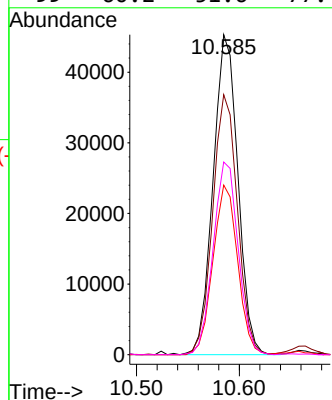
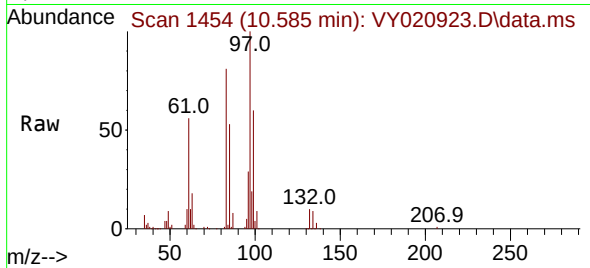




#55
1,1,2-Trichloroethane
Concen: 53.875 ug/l
RT: 10.585 min Scan# 1453
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

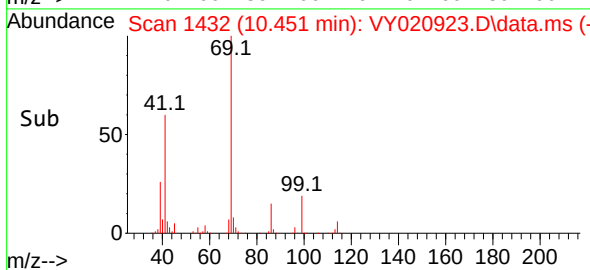
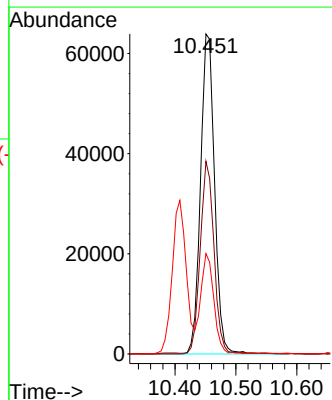
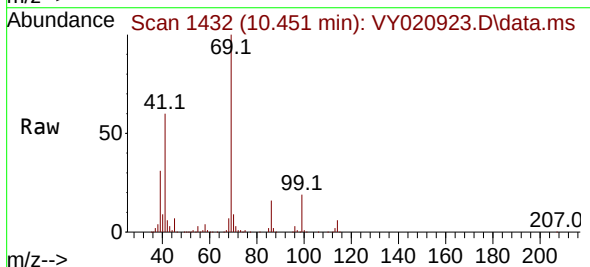
Instrument :
MSVOA_Y
ClientSampleId :

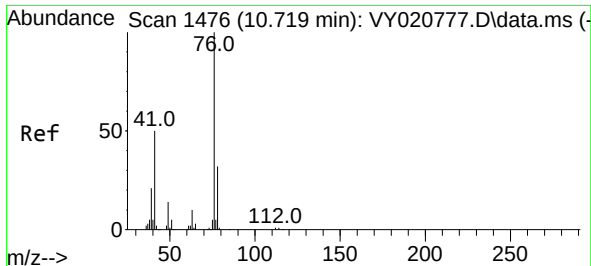
Tgt Ion: 97	Resp: 75820
Ion Ratio	Lower Upper
97 100	
83 81.2	62.8 94.2
85 53.0	42.4 63.6
99 60.2	51.6 77.4



#56
Ethyl methacrylate
Concen: 57.479 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 69	Resp: 102160
Ion Ratio	Lower Upper
69 100	
41 58.3	46.6 69.8
39 28.7	25.7 38.5





#57

1,3-Dichloropropane

Concen: 53.463 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

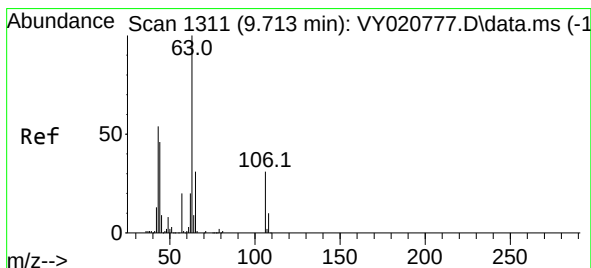
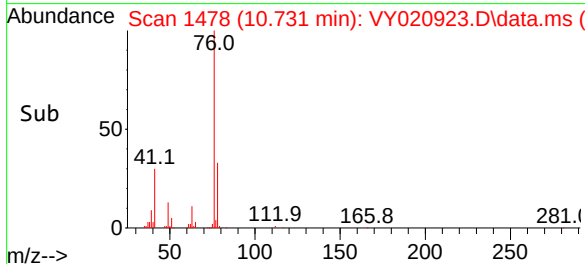
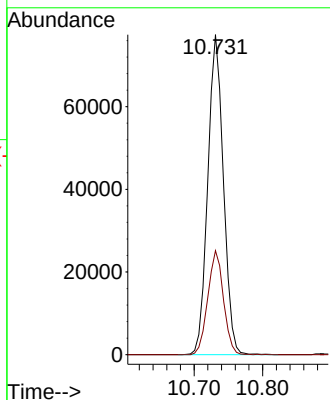
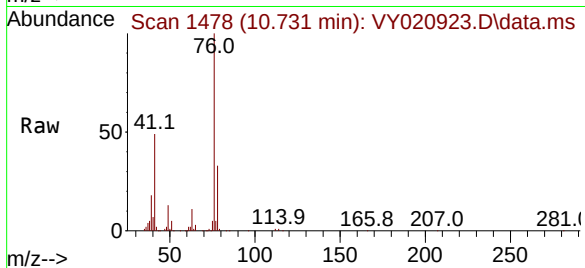
ClientSampleId :

Tgt Ion: 76 Resp: 122645

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 297.291 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VY020923.D

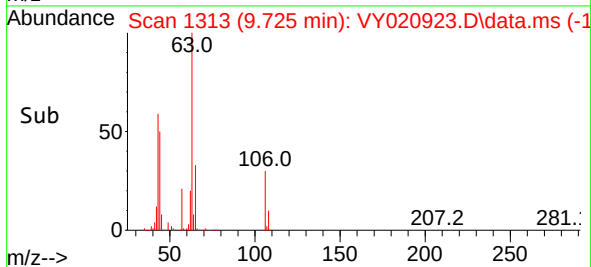
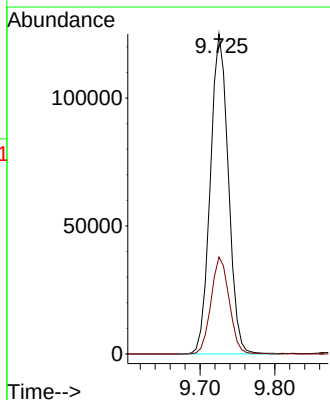
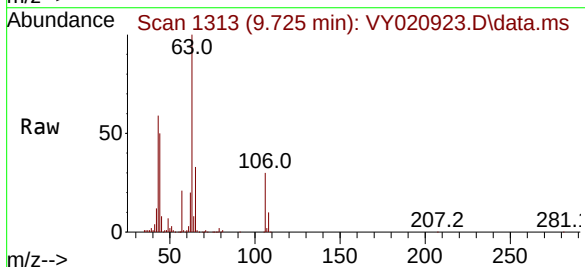
Acq: 24 Jan 2025 09:42

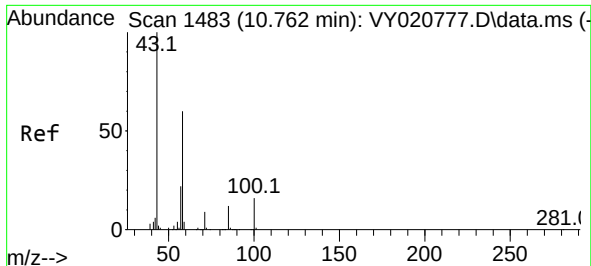
Tgt Ion: 63 Resp: 209616

Ion Ratio Lower Upper

63 100

106 30.5 25.9 38.9

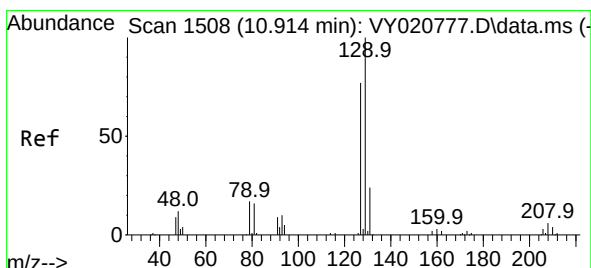
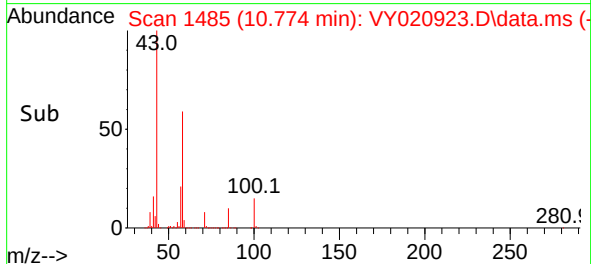
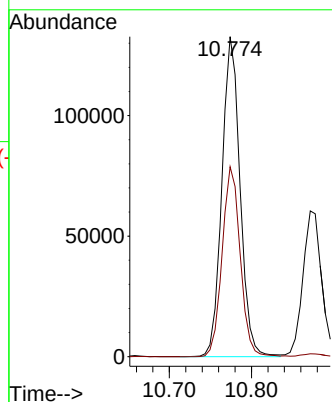
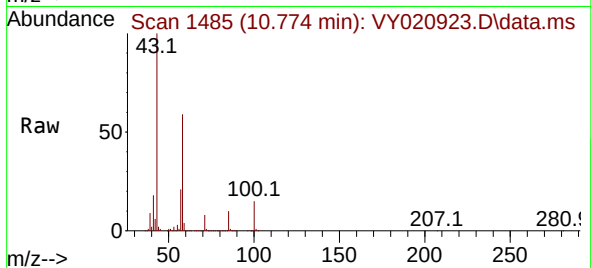




#59
2-Hexanone
Concen: 318.843 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

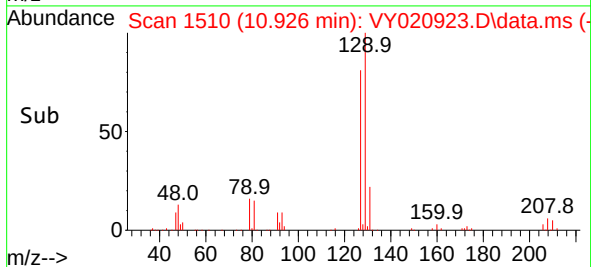
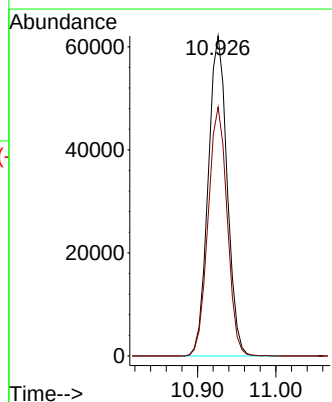
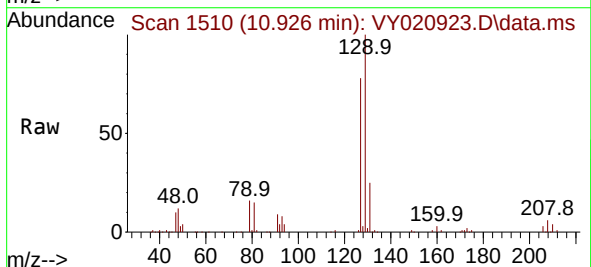
Instrument :
MSVOA_Y
ClientSampleId :

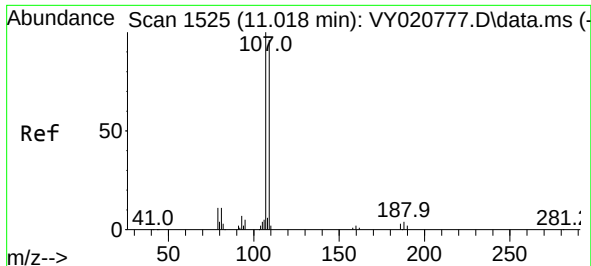
Tgt Ion: 43 Resp: 203940
Ion Ratio Lower Upper
43 100
58 59.2 30.6 92.0



#60
Dibromochloromethane
Concen: 51.101 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion:129 Resp: 104301
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9

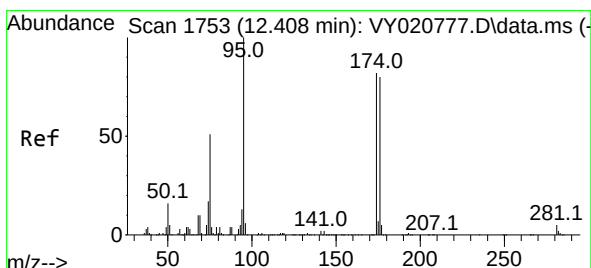
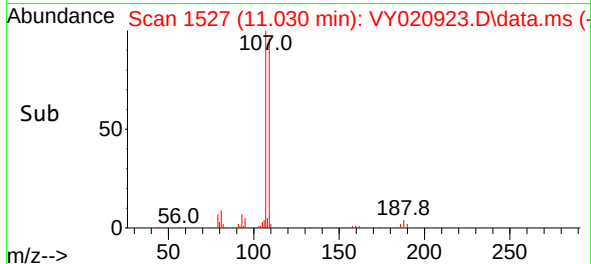
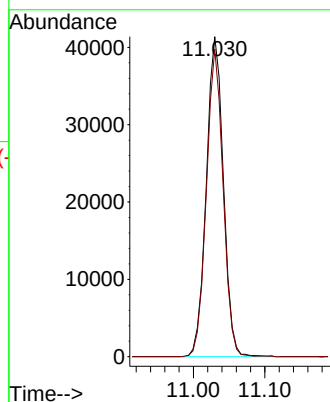
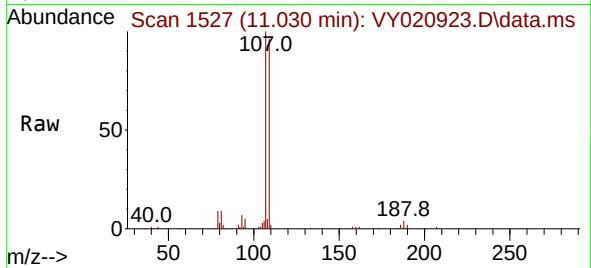




#61
1,2-Dibromoethane
Concen: 54.429 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

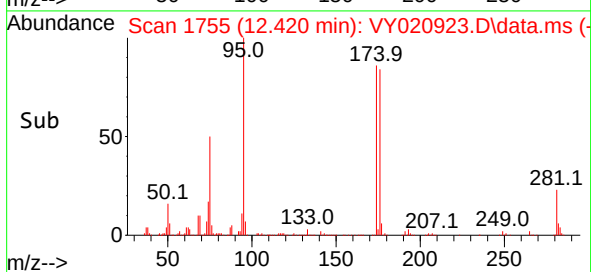
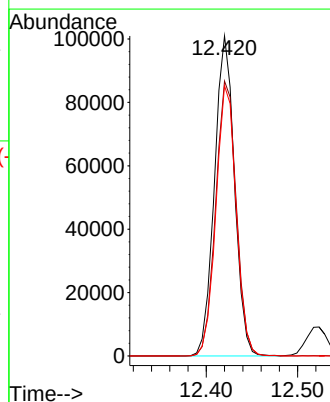
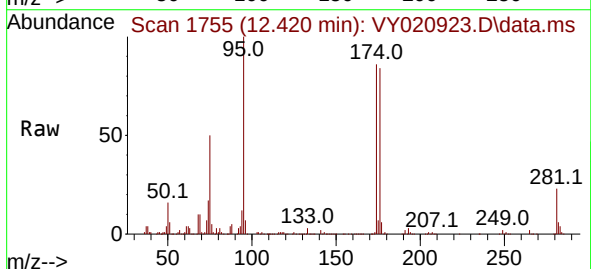
Instrument :
MSVOA_Y
ClientSampleId :

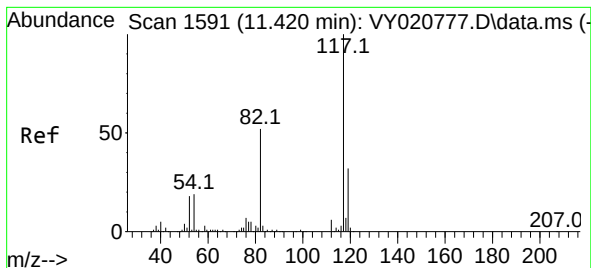
Tgt Ion:107 Resp: 68769
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 61.620 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 95 Resp: 153336
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.0
176 85.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. -0.006 min

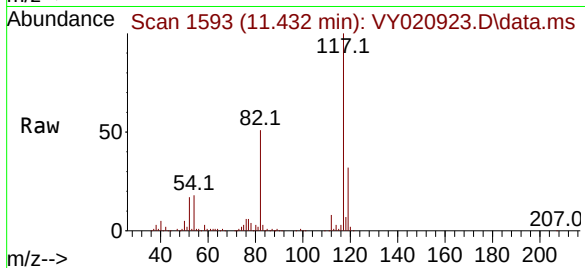
Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :



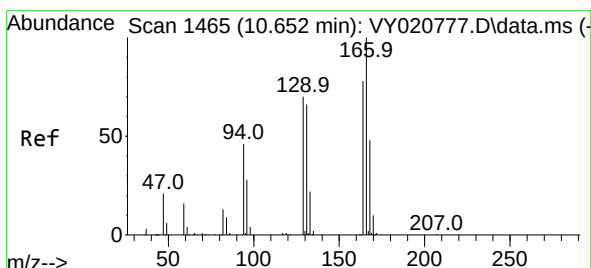
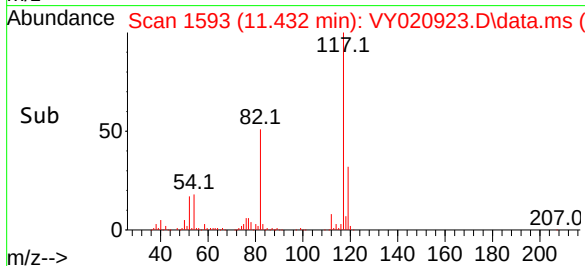
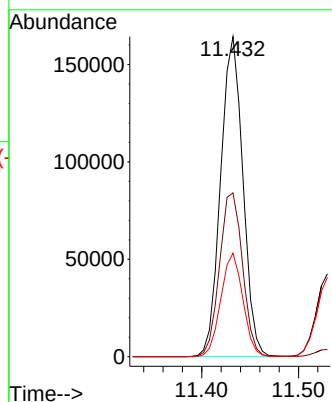
Tgt Ion:117 Resp: 262517

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.6

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 46.262 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Tgt Ion:164 Resp: 89289

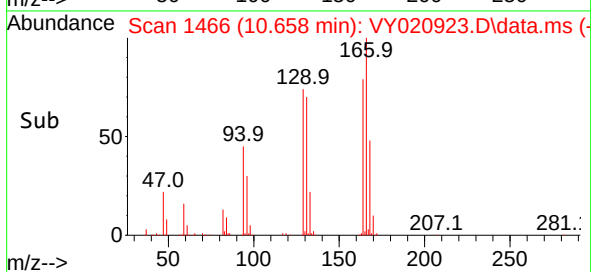
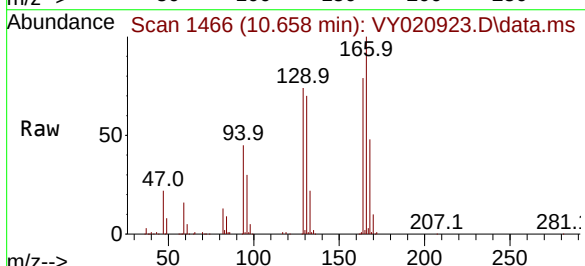
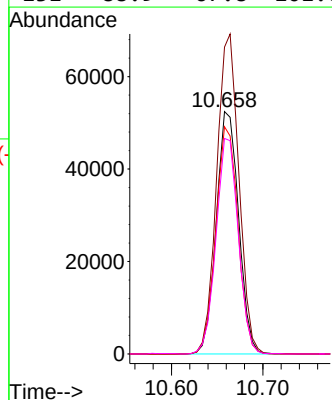
Ion Ratio Lower Upper

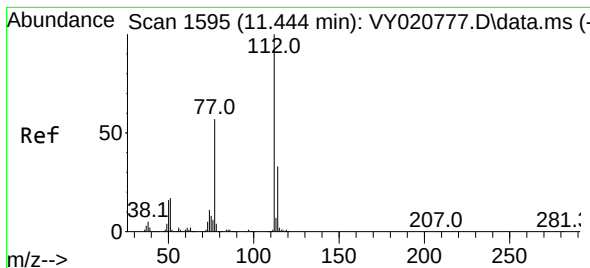
164 100

166 126.6 102.0 153.0

129 93.7 71.4 107.2

131 88.9 67.8 101.6





#65

Chlorobenzene

Concen: 48.270 ug/l

RT: 11.457 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

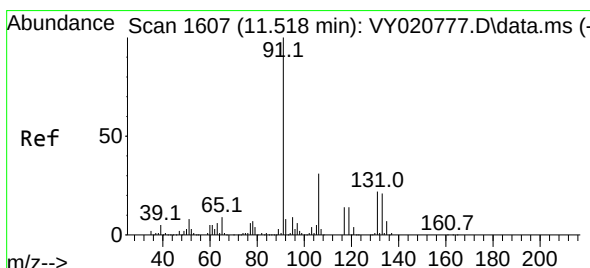
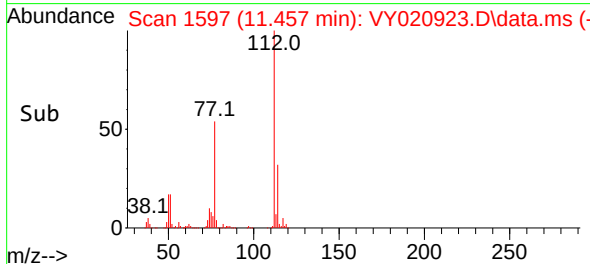
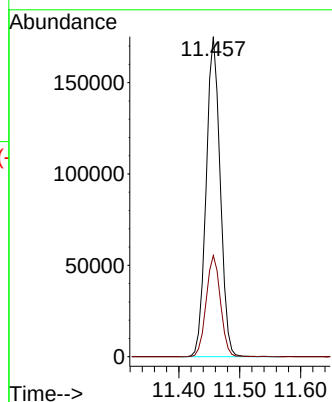
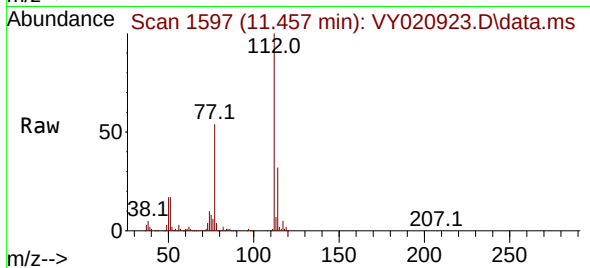
ClientSampleId :

Tgt Ion:112 Resp: 280168

Ion Ratio Lower Upper

112 100

114 31.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 48.210 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

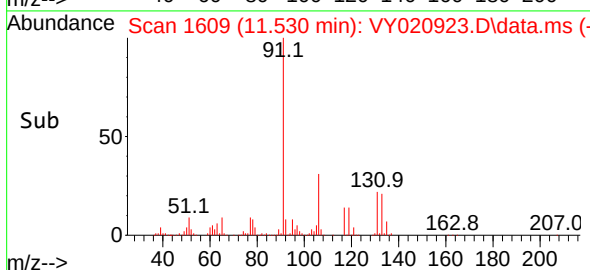
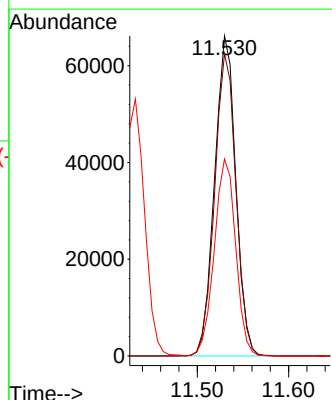
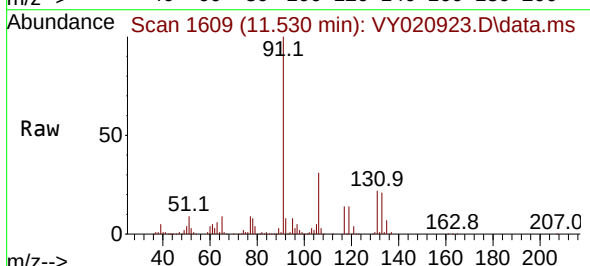
Tgt Ion:131 Resp: 106526

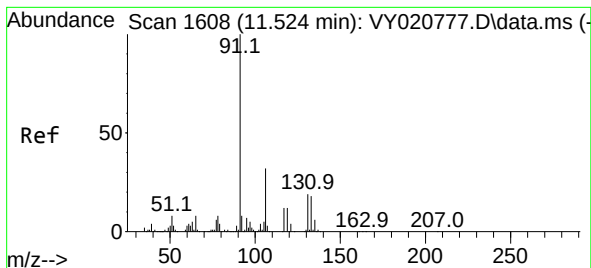
Ion Ratio Lower Upper

131 100

133 95.4 46.9 140.8

119 62.2 30.2 90.6





#67

Ethyl Benzene

Concen: 48.132 ug/l

RT: 11.536 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

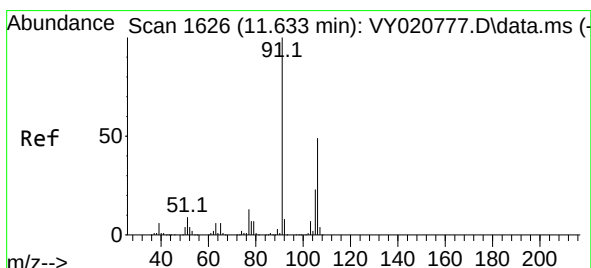
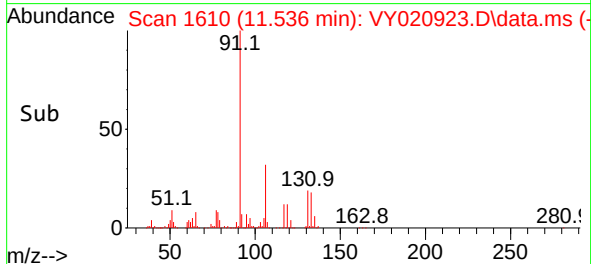
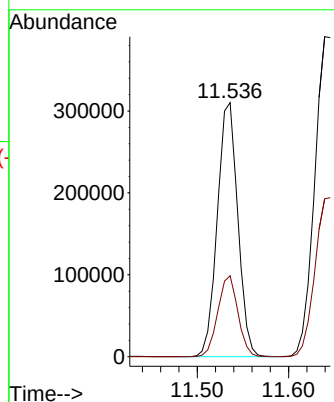
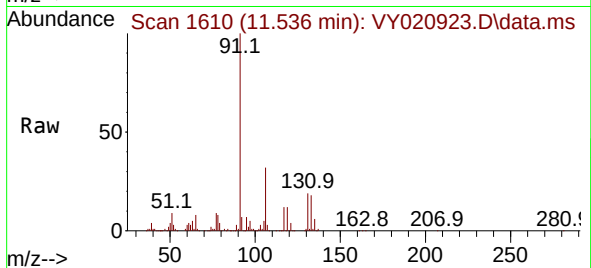
ClientSampleId :

Tgt Ion: 91 Resp: 483681

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 95.297 ug/l

RT: 11.646 min Scan# 1628

Delta R.T. -0.006 min

Lab File: VY020923.D

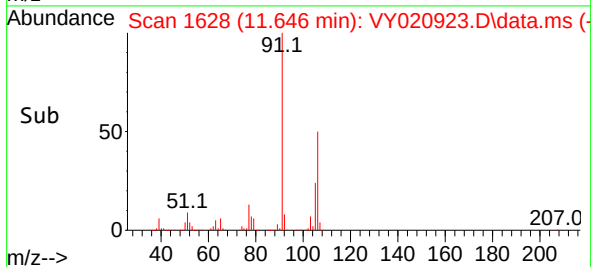
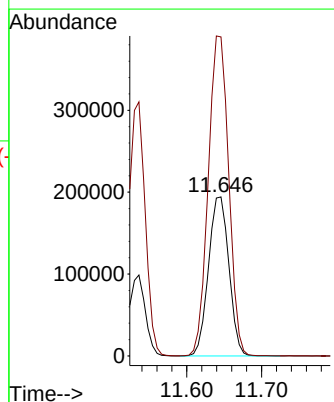
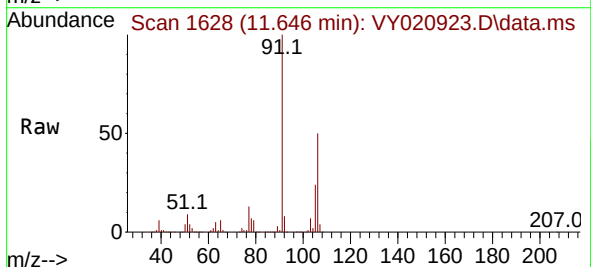
Acq: 24 Jan 2025 09:42

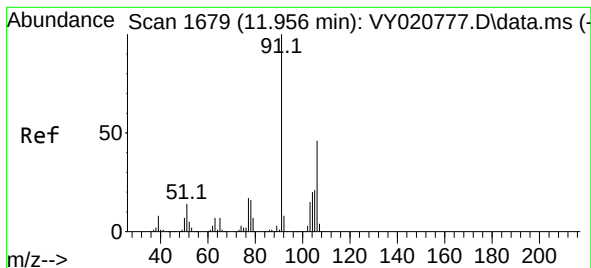
Tgt Ion:106 Resp: 368707

Ion Ratio Lower Upper

106 100

91 201.1 162.6 243.8





#69

o-Xylene

Concen: 47.641 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

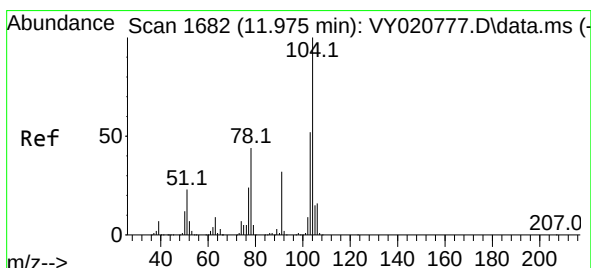
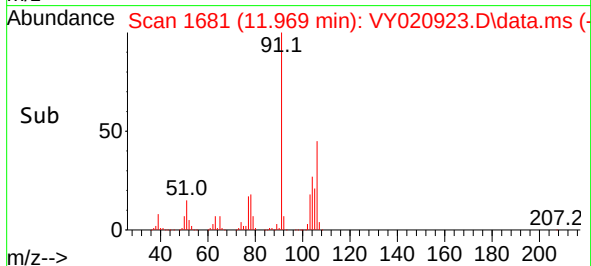
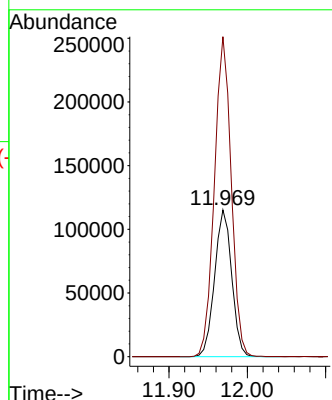
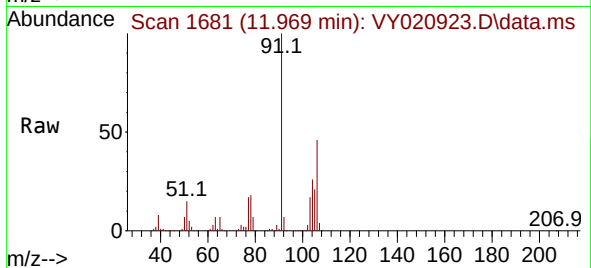
ClientSampleId :

Tgt Ion:106 Resp: 174766

Ion Ratio Lower Upper

106 100

91 214.9 108.2 324.6



#70

Styrene

Concen: 48.881 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

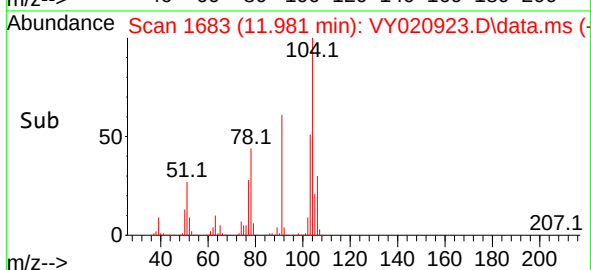
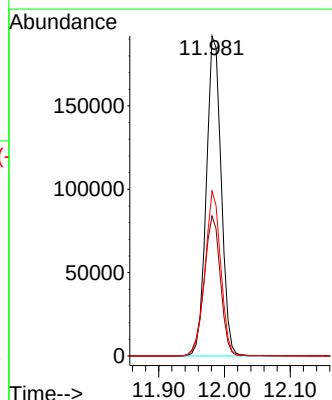
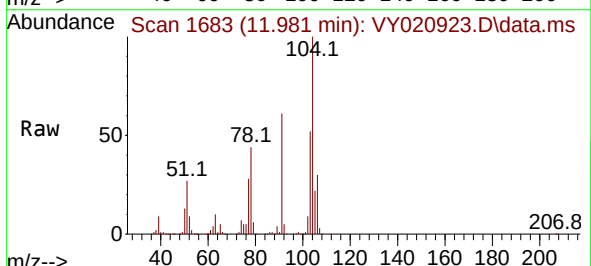
Tgt Ion:104 Resp: 301844

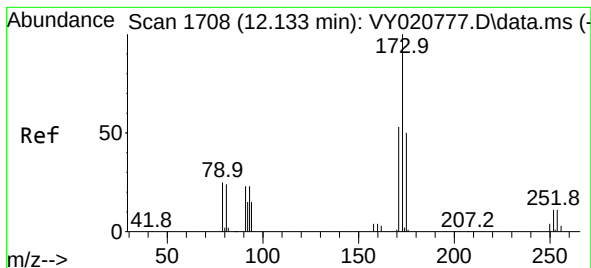
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 54.5 44.0 66.0





#71

Bromoform

Concen: 51.957 ug/l

RT: 12.146 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

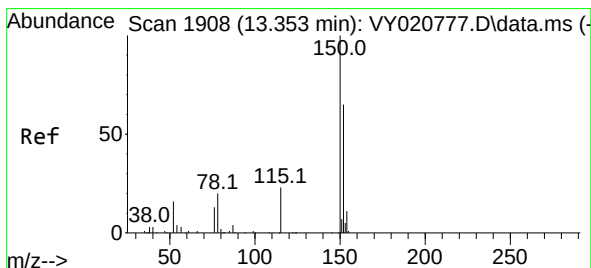
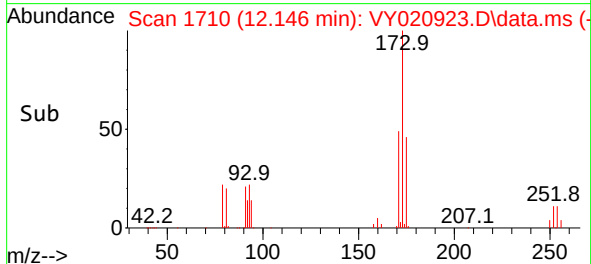
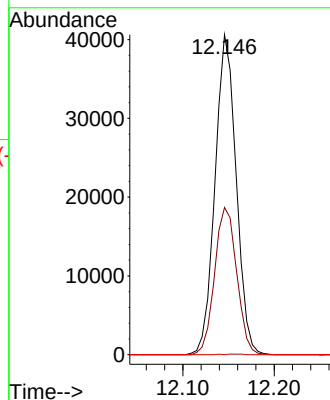
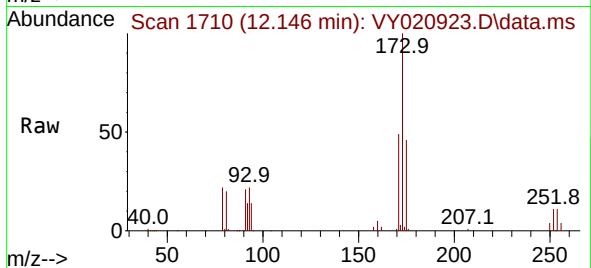
Tgt Ion:173 Resp: 65264

Ion Ratio Lower Upper

173 100

175 48.1 24.2 72.6

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

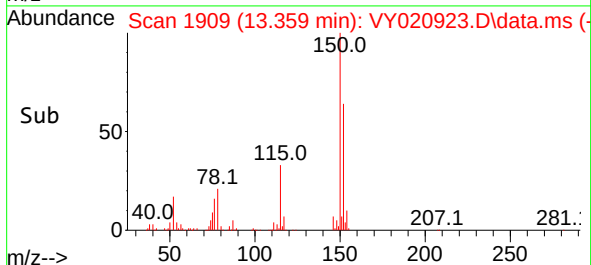
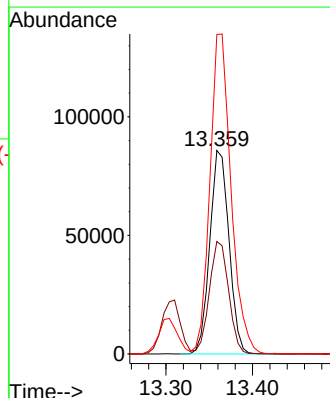
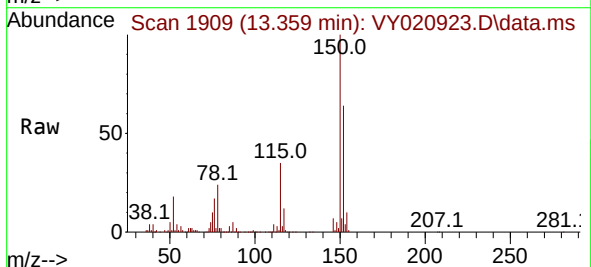
Tgt Ion:152 Resp: 132244

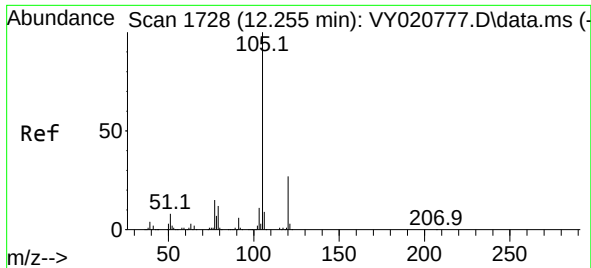
Ion Ratio Lower Upper

152 100

115 55.7 29.0 87.0

150 173.2 0.0 347.4

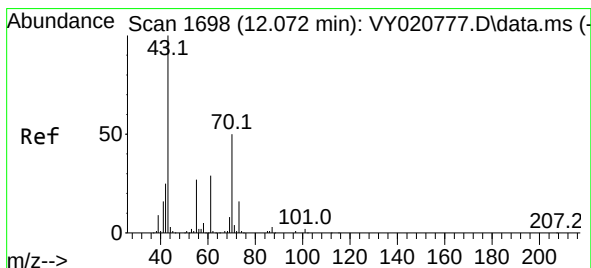
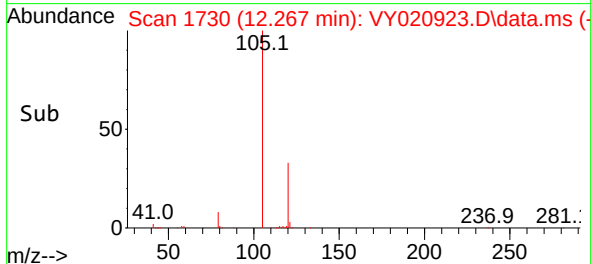
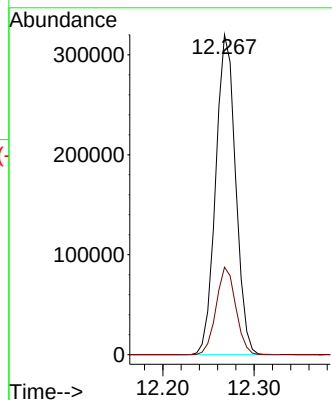
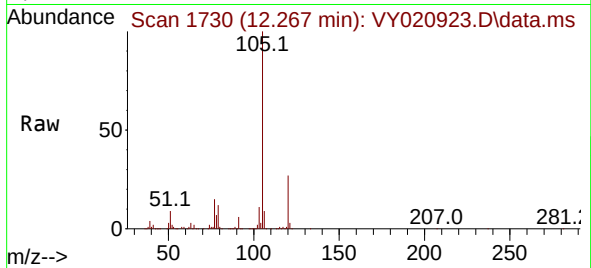




#73
Isopropylbenzene
Concen: 46.192 ug/l
RT: 12.267 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

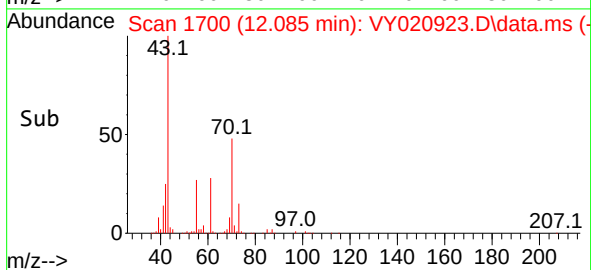
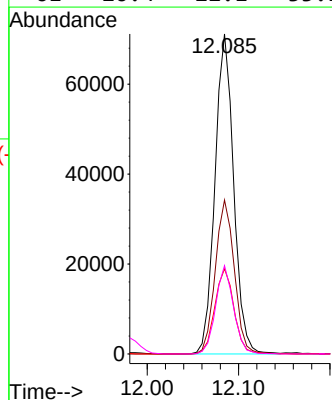
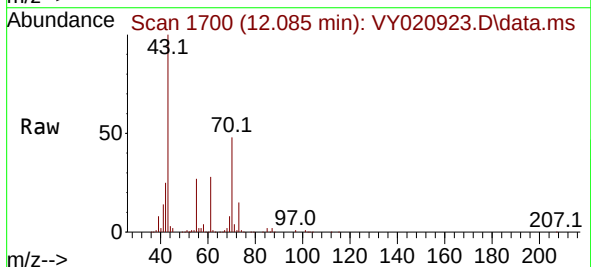
Instrument :
MSVOA_Y
ClientSampleId :

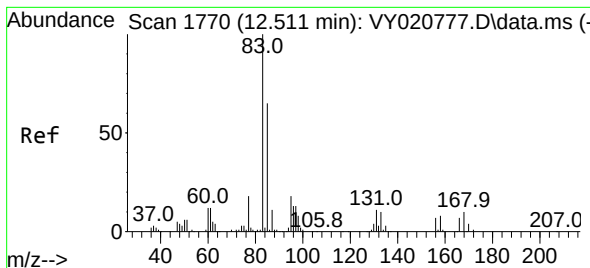
Tgt Ion:105 Resp: 484609
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 58.973 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 43 Resp: 101202
Ion Ratio Lower Upper
43 100
70 49.0 40.2 60.4
55 27.4 21.2 31.8
61 26.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.136 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. -0.012 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

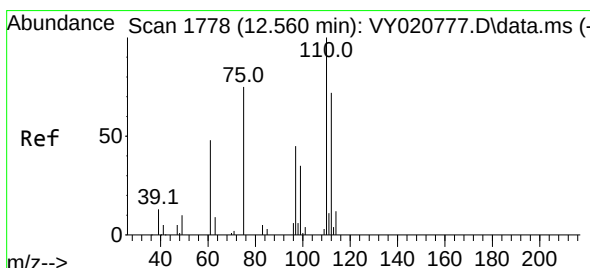
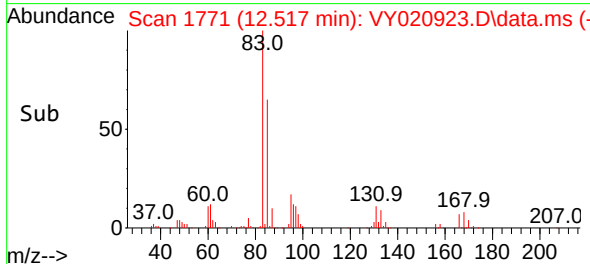
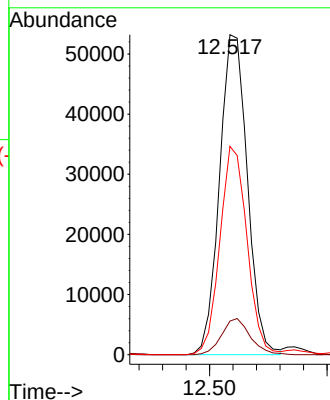
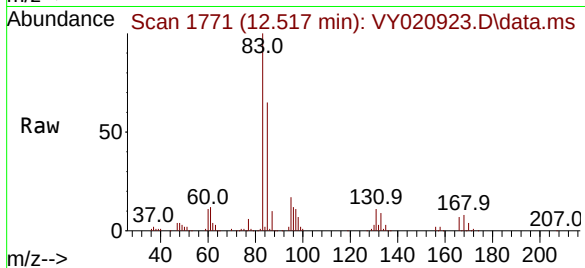
Tgt Ion: 83 Resp: 87671

Ion Ratio Lower Upper

83 100

131 11.6 6.0 18.0

85 63.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 95.390 ug/l

RT: 12.572 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY020923.D

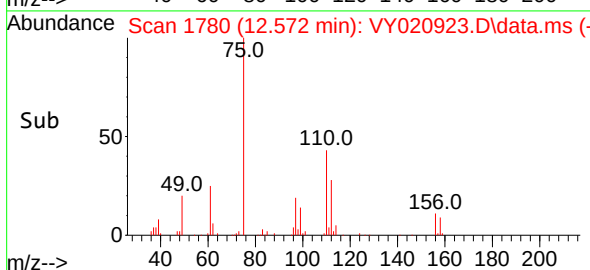
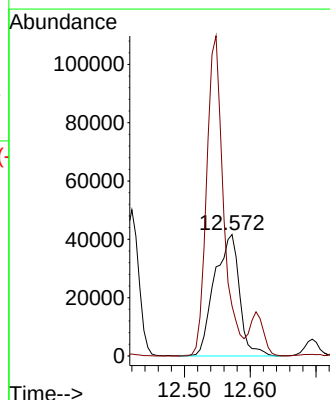
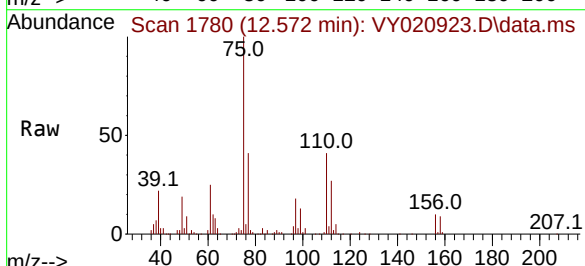
Acq: 24 Jan 2025 09:42

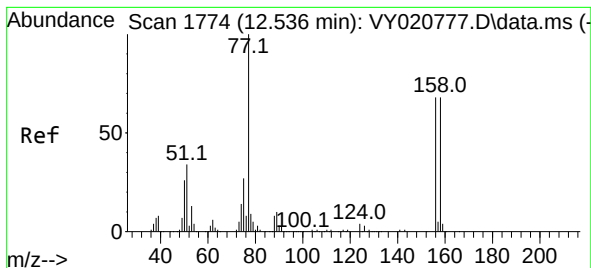
Tgt Ion: 75 Resp: 110377

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.488 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

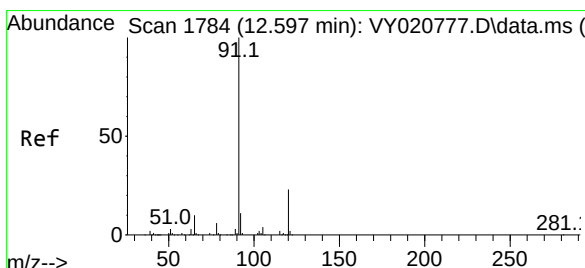
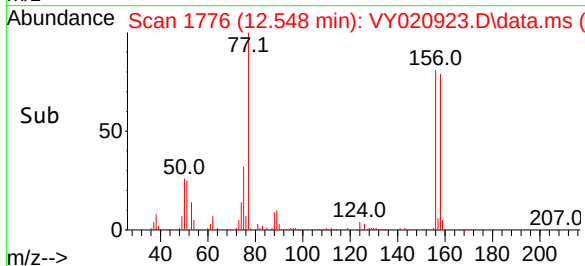
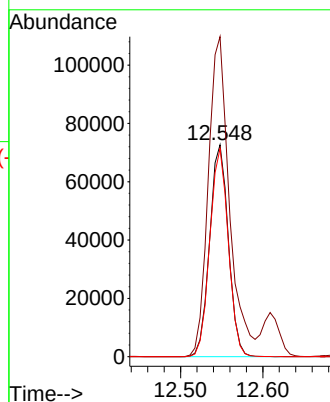
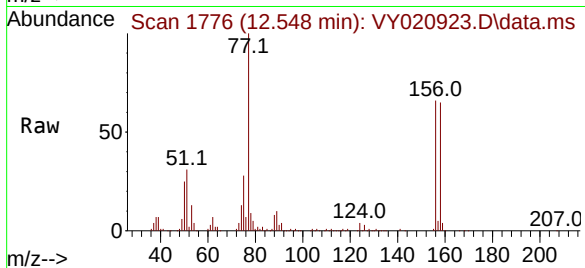
Tgt Ion:156 Resp: 114865

Ion Ratio Lower Upper

156 100

77 170.8 82.3 247.0

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 47.538 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VY020923.D

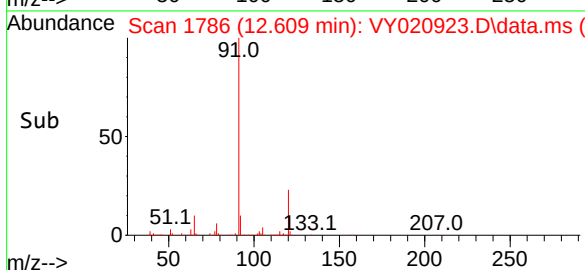
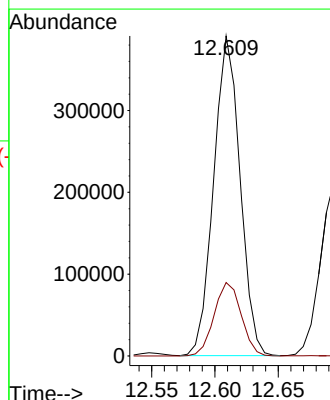
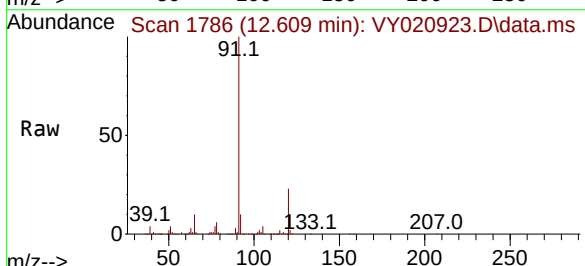
Acq: 24 Jan 2025 09:42

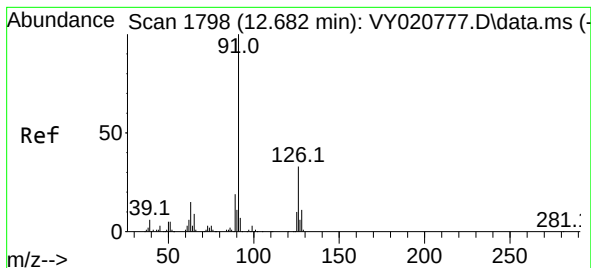
Tgt Ion: 91 Resp: 566085

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 46.651 ug/l

RT: 12.694 min Scan# 1800

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

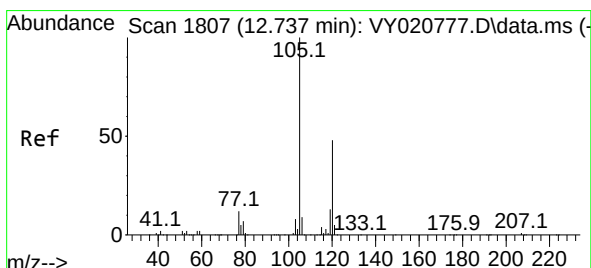
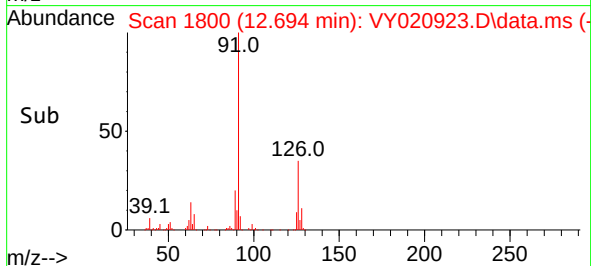
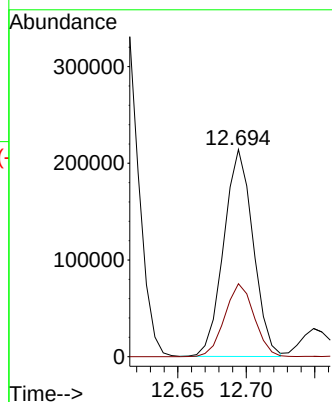
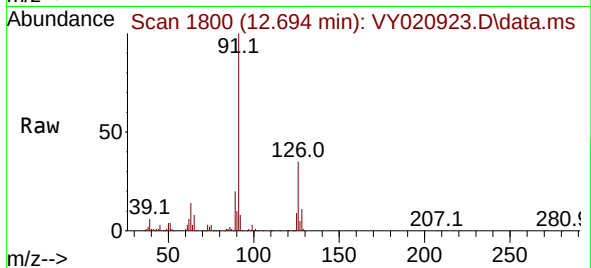
ClientSampleId :

Tgt Ion: 91 Resp: 319907

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 45.883 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VY020923.D

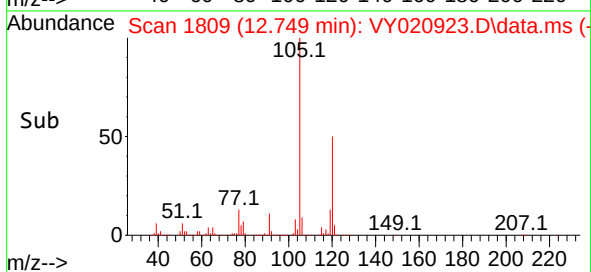
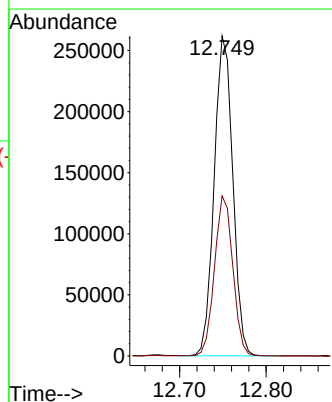
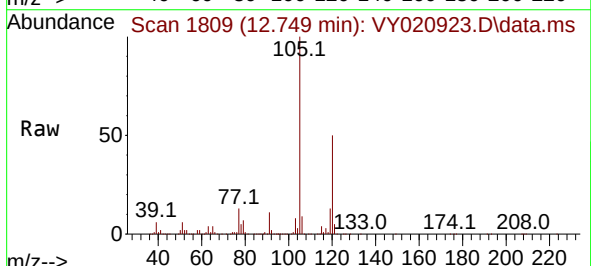
Acq: 24 Jan 2025 09:42

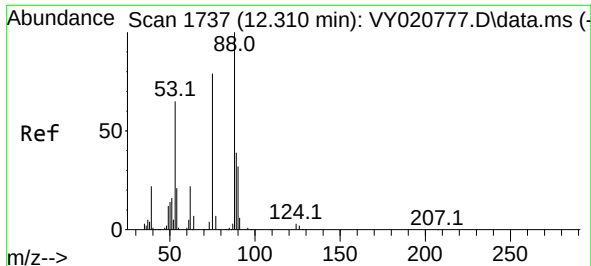
Tgt Ion:105 Resp: 390108

Ion Ratio Lower Upper

105 100

120 49.4 24.5 73.5

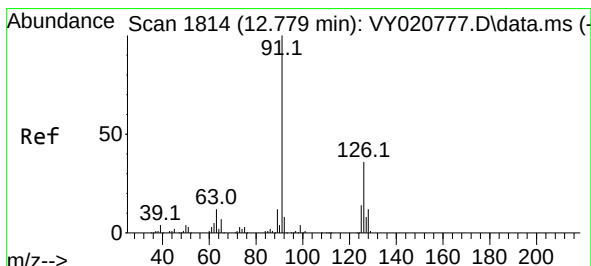
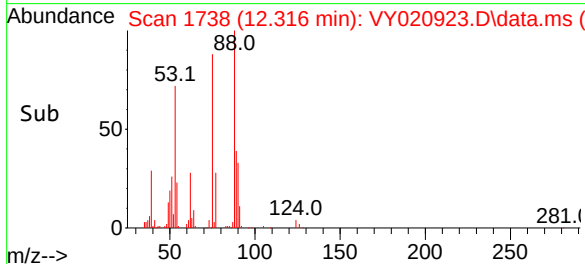
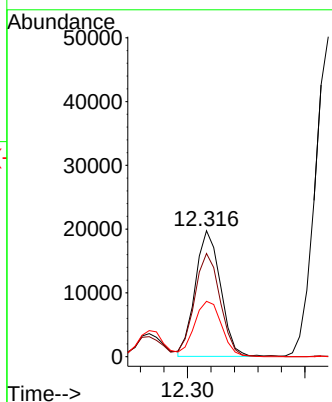
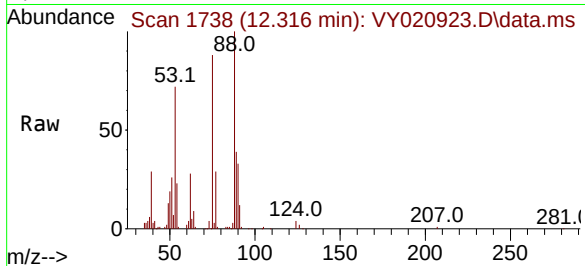




#81
trans-1,4-Dichloro-2-butene
Concen: 53.698 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

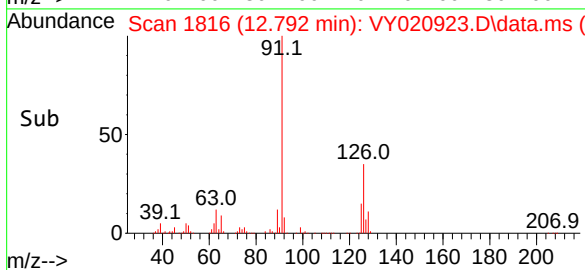
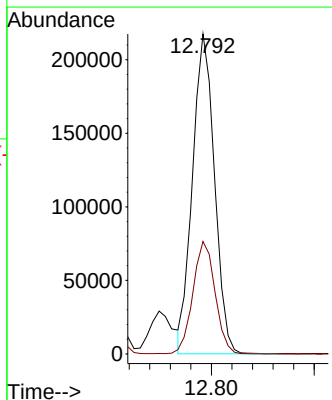
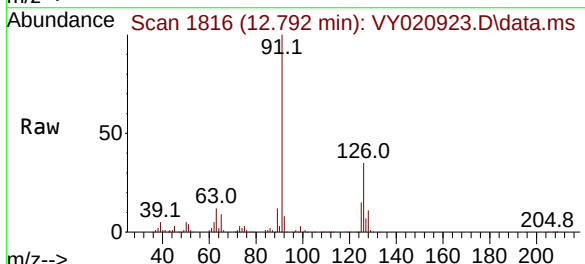
Instrument :
MSVOA_Y
ClientSampleId :

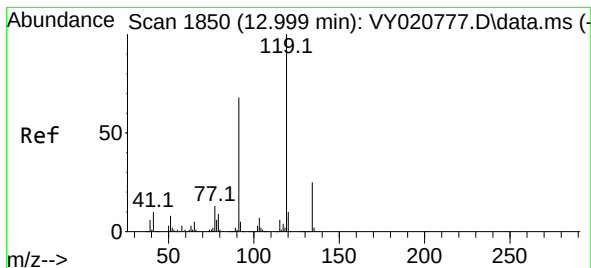
Tgt Ion: 75 Resp: 29468
Ion Ratio Lower Upper
75 100
53 83.5 69.4 104.0
89 47.6 39.6 59.4



#82
4-Chlorotoluene
Concen: 45.602 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VY020923.D
Acq: 24 Jan 2025 09:42

Tgt Ion: 91 Resp: 322715
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7





#83

tert-Butylbenzene

Concen: 45.403 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

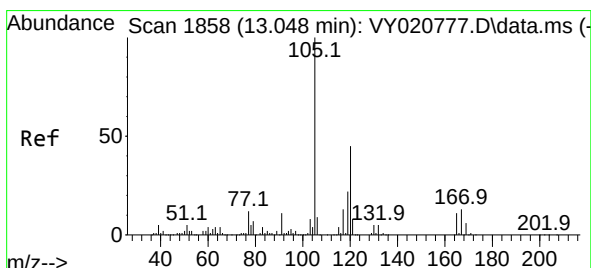
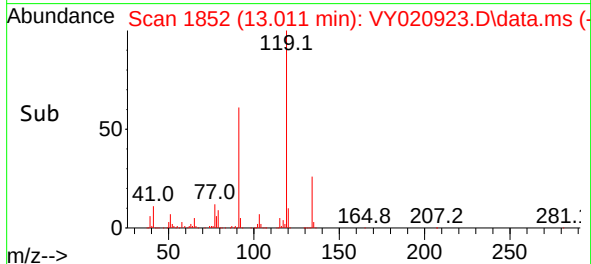
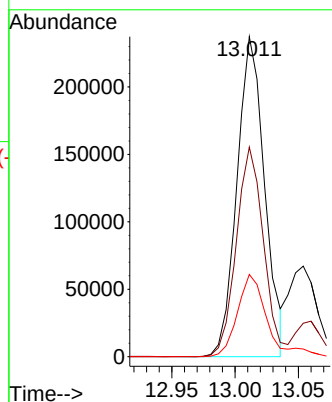
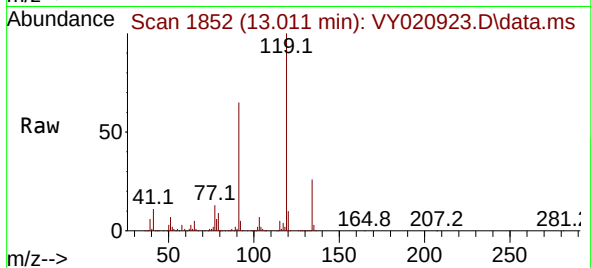
Tgt Ion:119 Resp: 361048

Ion Ratio Lower Upper

119 100

91 64.6 33.0 98.9

134 27.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 46.678 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VY020923.D

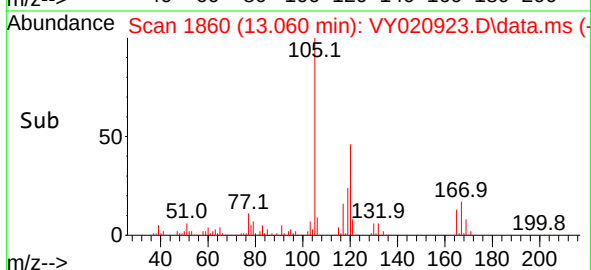
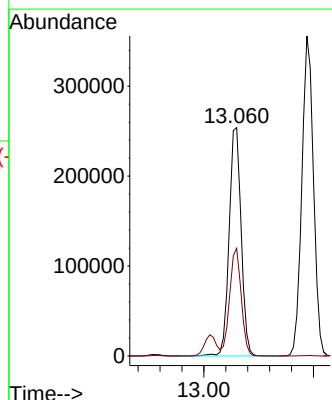
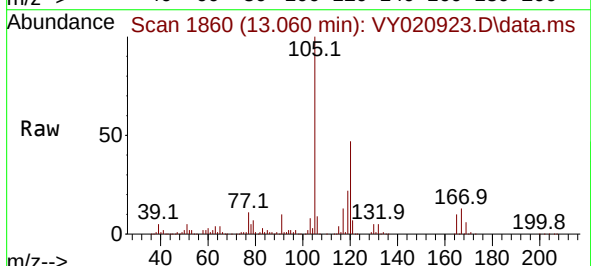
Acq: 24 Jan 2025 09:42

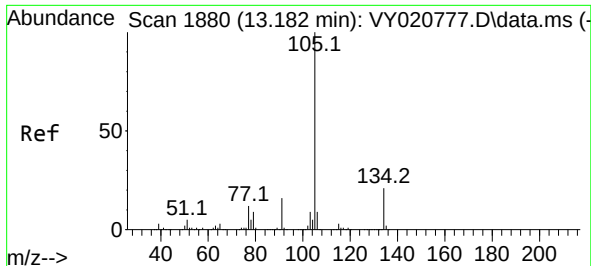
Tgt Ion:105 Resp: 387550

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.2

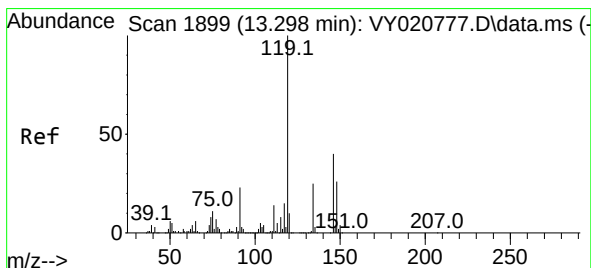
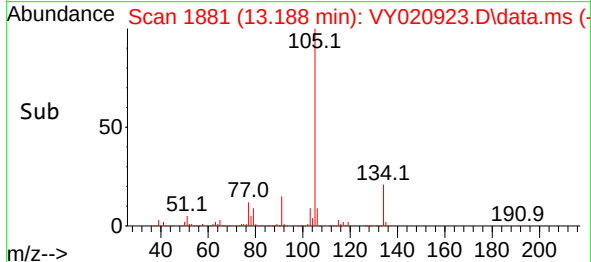
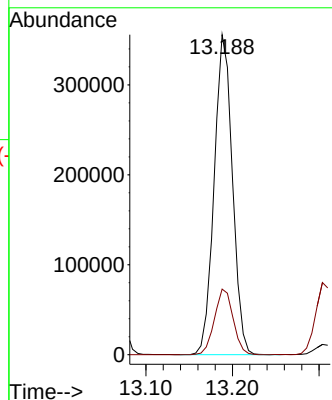
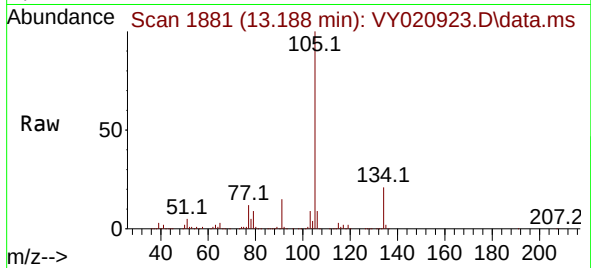




#85
 sec-Butylbenzene
 Concen: 46.922 ug/l
 RT: 13.188 min Scan# 1880
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

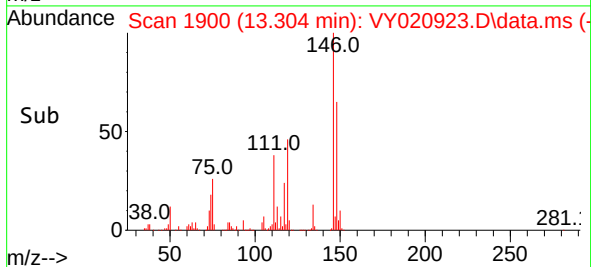
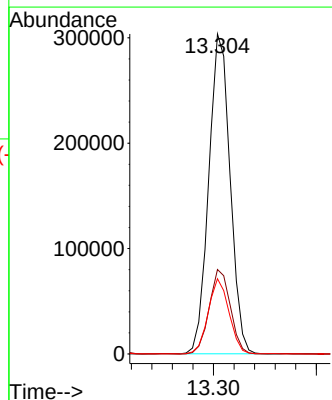
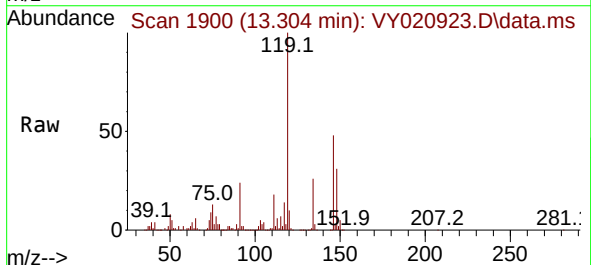
Instrument :
 MSVOA_Y
 ClientSampleId :

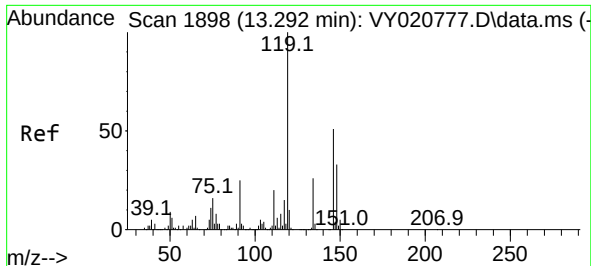
Tgt Ion:105 Resp: 521182
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 46.251 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

Tgt Ion:119 Resp: 438246
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.010 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

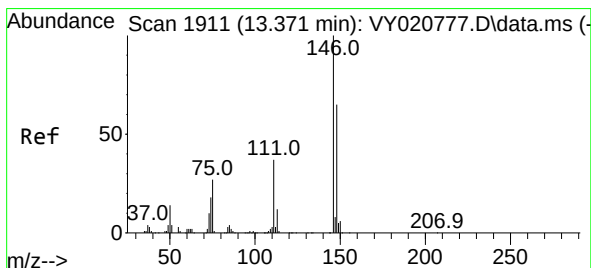
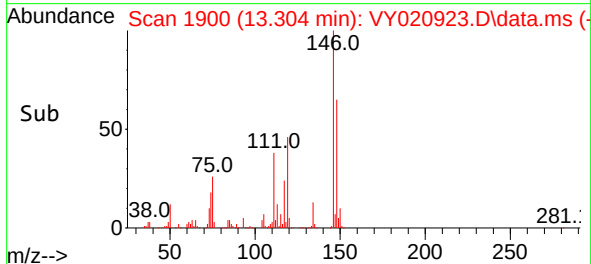
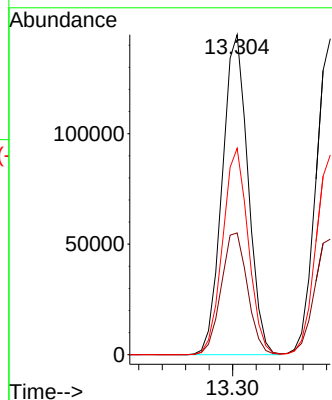
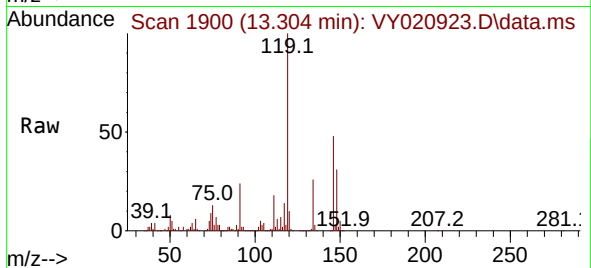
Tgt Ion:146 Resp: 220940

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 47.149 ug/l

RT: 13.383 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

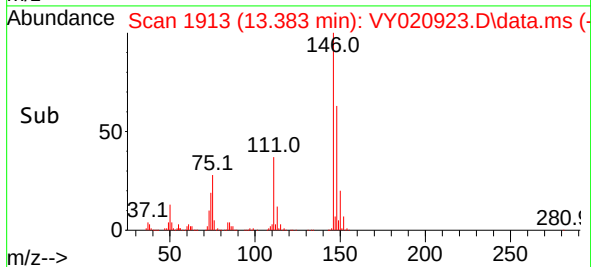
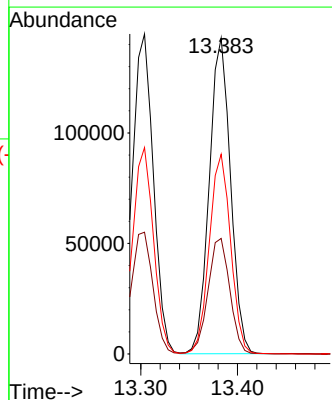
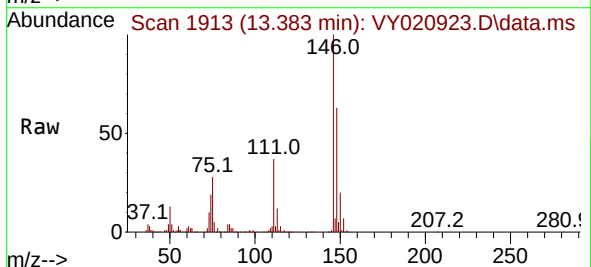
Tgt Ion:146 Resp: 218126

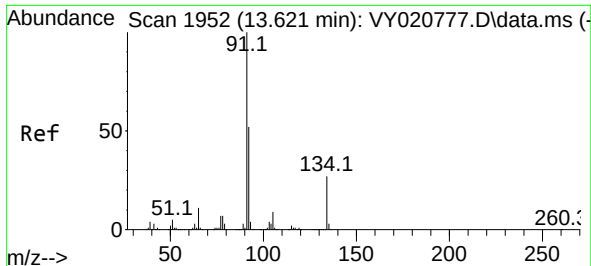
Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.3

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 47.073 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

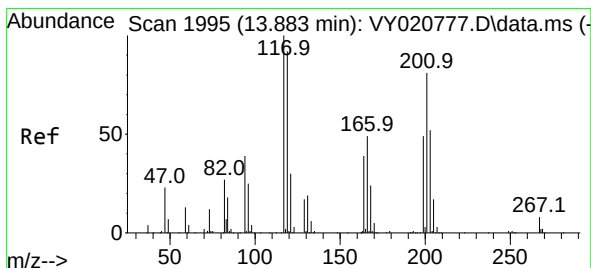
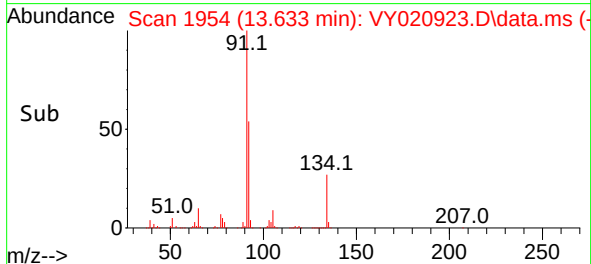
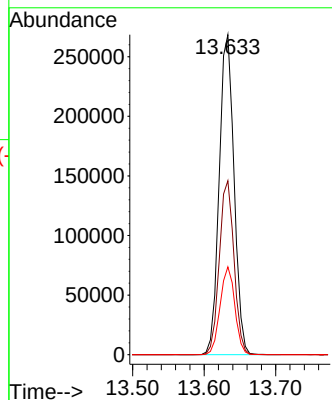
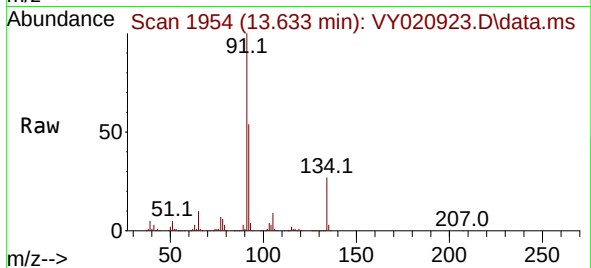
Tgt Ion: 91 Resp: 386951

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.4

134 27.2 13.8 41.4



#90

Hexachloroethane

Concen: 45.992 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VY020923.D

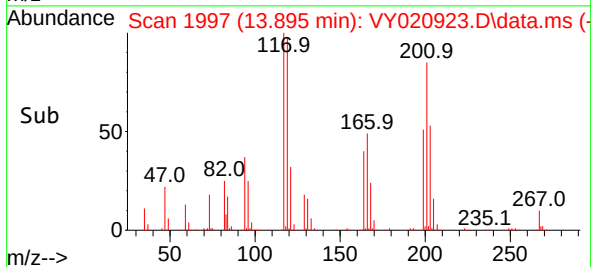
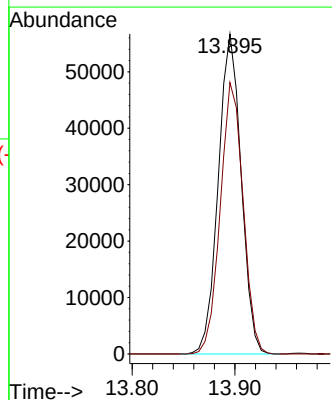
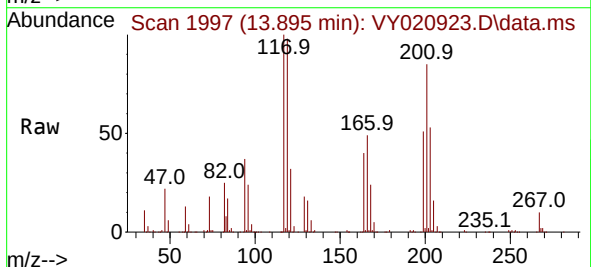
Acq: 24 Jan 2025 09:42

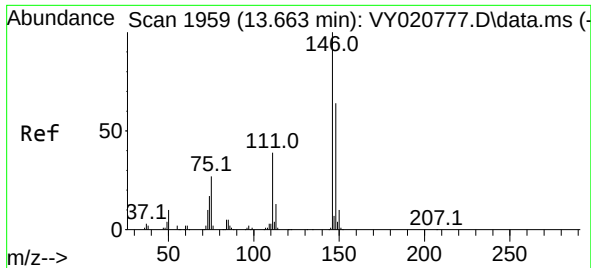
Tgt Ion: 117 Resp: 87505

Ion Ratio Lower Upper

117 100

201 84.6 42.9 128.7

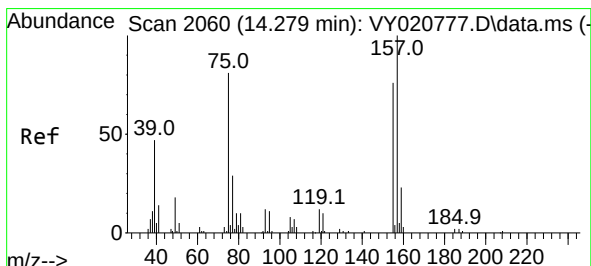
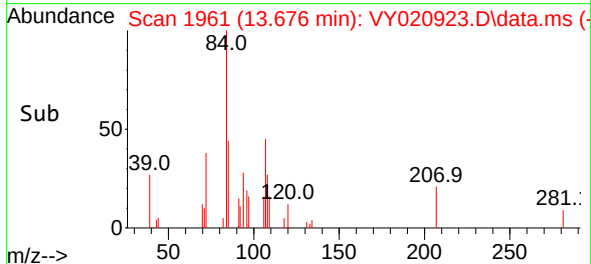
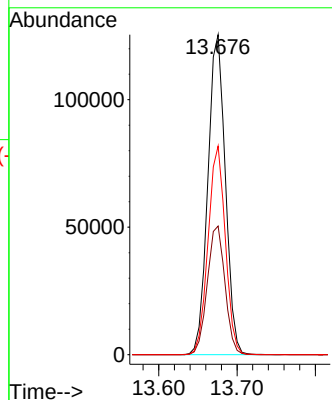
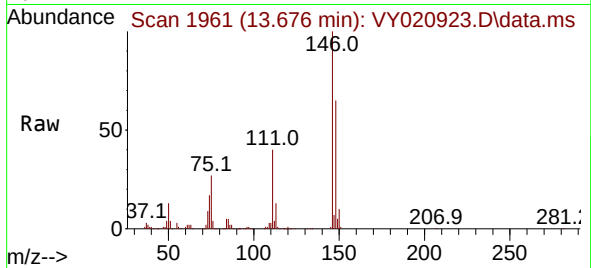




#91
 1,2-Dichlorobenzene
 Concen: 47.204 ug/l
 RT: 13.676 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

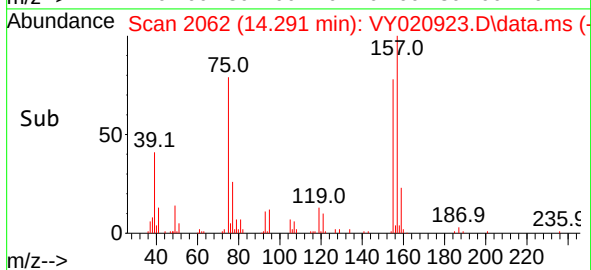
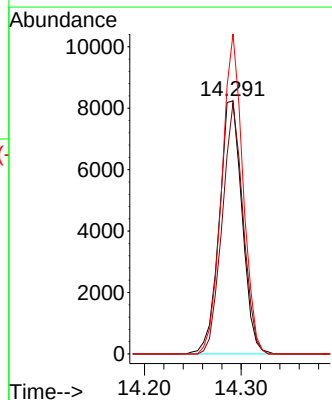
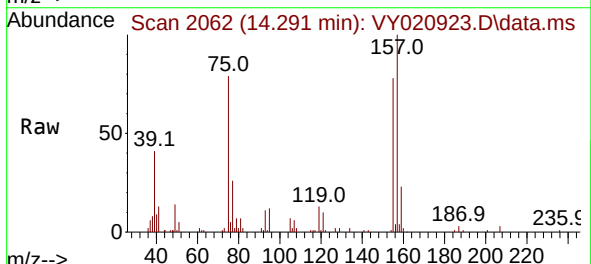
Instrument :
 MSVOA_Y
 ClientSampleId :

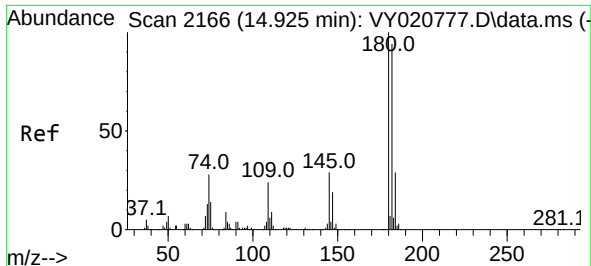
Tgt Ion:146 Resp: 193977
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.411 ug/l
 RT: 14.291 min Scan# 2062
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

Tgt Ion: 75 Resp: 13475
 Ion Ratio Lower Upper
 75 100
 155 90.5 45.5 136.5
 157 116.9 59.7 179.0

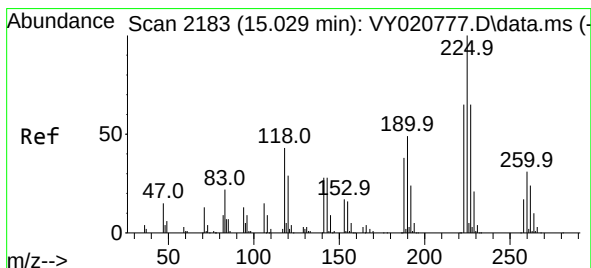
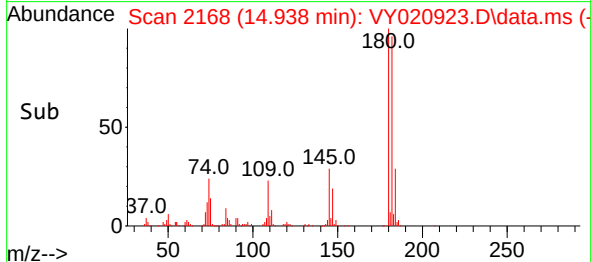
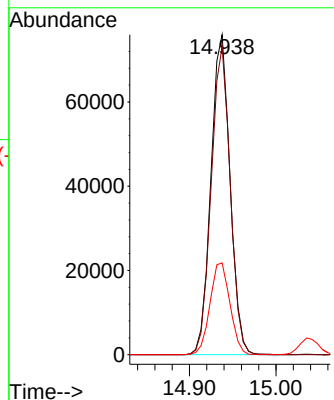
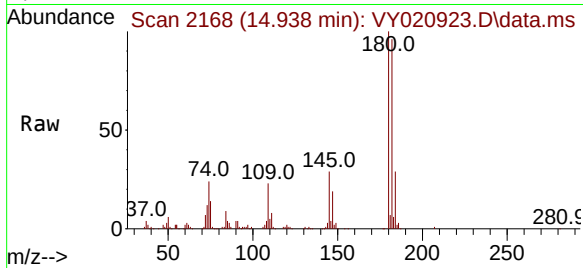




#93
 1,2,4-Trichlorobenzene
 Concen: 49.203 ug/l
 RT: 14.938 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

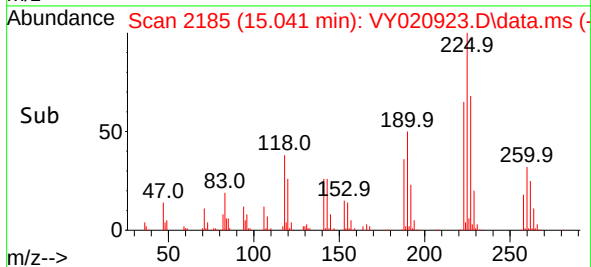
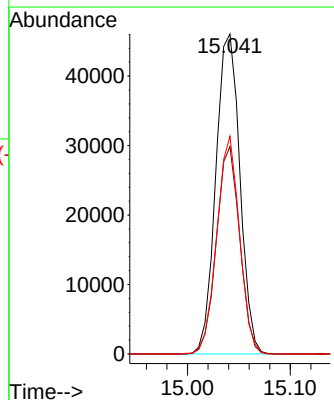
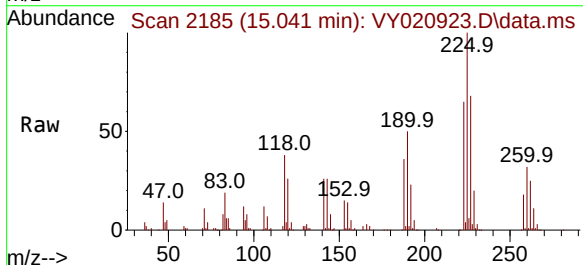
Instrument :
 MSVOA_Y
 ClientSampleId :

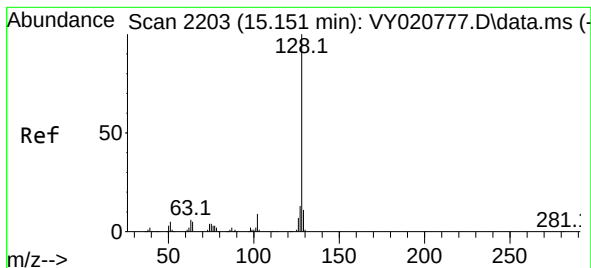
Tgt Ion:180 Resp: 116361
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 44.907 ug/l
 RT: 15.041 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VY020923.D
 Acq: 24 Jan 2025 09:42

Tgt Ion:225 Resp: 74869
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 94.8
 227 64.2 32.2 96.6





#95

Naphthalene

Concen: 53.201 ug/l

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

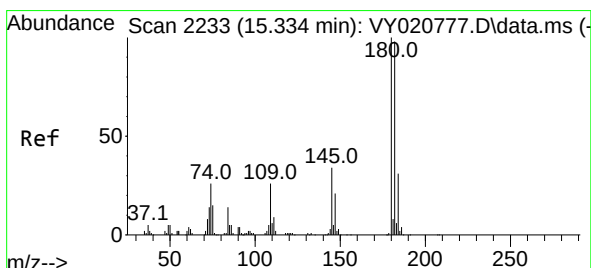
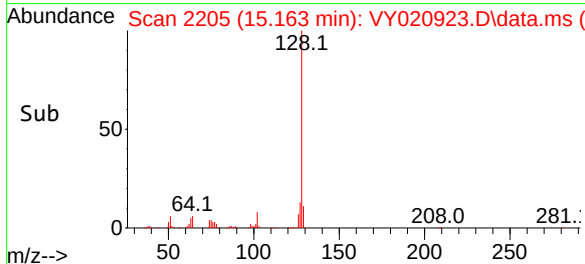
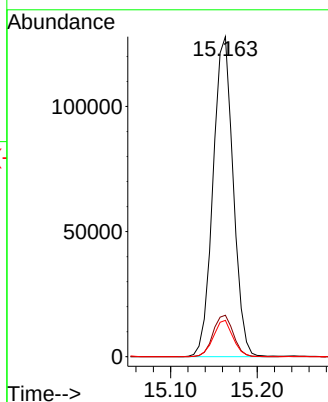
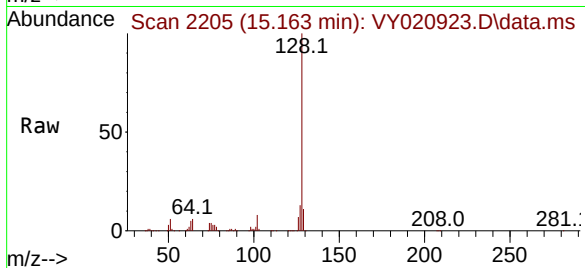
Tgt Ion:128 Resp: 207073

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.369 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. -0.006 min

Lab File: VY020923.D

Acq: 24 Jan 2025 09:42

Tgt Ion:180 Resp: 99797

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 31.8 16.1 48.2

