

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020904.D
 Acq On : 22 Jan 2025 17:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:47:42 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	197452	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	296406	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	253760	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	127578	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90449	53.894	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.652	113	100270	53.997	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.115	98	368978	56.999	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.000%	
62) 4-Bromofluorobenzene	12.414	95	129089	54.001	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	57934	39.980	ug/l	99
3) Chloromethane	2.074	50	41531	54.432	ug/l	95
4) Vinyl Chloride	2.214	62	49902	58.834	ug/l	97
5) Bromomethane	2.611	94	31562	52.244	ug/l	99
6) Chloroethane	2.751	64	32890	62.875	ug/l	98
7) Trichlorofluoromethane	3.074	101	124962	48.003	ug/l	96
8) Diethyl Ether	3.470	74	42251	51.900	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	88839	50.535	ug/l	98
10) Methyl Iodide	4.025	142	103391	54.880	ug/l	95
11) Tert butyl alcohol	4.909	59	28144	221.930	ug/l	99
12) 1,1-Dichloroethene	3.812	96	77399	50.266	ug/l	98
13) Acrolein	3.677	56	8896	249.793	ug/l	96
14) Allyl chloride	4.403	41	121550	54.716	ug/l	95
15) Acrylonitrile	5.086	53	93053	268.952	ug/l	99
16) Acetone	3.891	43	60657	254.162	ug/l	99
17) Carbon Disulfide	4.129	76	160019	47.905	ug/l	99
18) Methyl Acetate	4.403	43	47530	58.984	ug/l	95
19) Methyl tert-butyl Ether	5.141	73	224561	51.676	ug/l	99
20) Methylene Chloride	4.641	84	87551	53.120	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	86453	50.985	ug/l	97
22) Diisopropyl ether	6.043	45	285877	60.411	ug/l	97
23) Vinyl Acetate	5.982	43	741667	284.251	ug/l	98
24) 1,1-Dichloroethane	5.933	63	171622	54.969	ug/l	97
25) 2-Butanone	6.915	43	106474	271.596	ug/l	99
26) 2,2-Dichloropropane	6.909	77	157089	48.460	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	114559	53.547	ug/l	99
28) Bromochloromethane	7.262	49	54898	65.164	ug/l	92
29) Tetrahydrofuran	7.281	42	70069	279.796	ug/l	94
30) Chloroform	7.439	83	187949	52.788	ug/l	100
31) Cyclohexane	7.719	56	118846	48.666	ug/l	99
32) 1,1,1-Trichloroethane	7.634	97	170948	49.223	ug/l	98
36) 1,1-Dichloropropene	7.854	75	119993	50.661	ug/l	100
37) Ethyl Acetate	7.006	43	51950	55.116	ug/l	97
38) Carbon Tetrachloride	7.835	117	154082	46.734	ug/l	98
39) Methylcyclohexane	9.122	83	143743	49.456	ug/l	98
40) Benzene	8.091	78	385890	53.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	31312	58.007	ug/l	95
42) 1,2-Dichloroethane	8.171	62	101360	51.058	ug/l	98
43) Isopropyl Acetate	8.213	43	105583	55.073	ug/l	98
44) Trichloroethene	8.878	130	104810	51.721	ug/l	95
45) 1,2-Dichloropropane	9.152	63	94093	57.096	ug/l	98
46) Dibromomethane	9.244	93	51218	54.123	ug/l	96
47) Bromodichloromethane	9.433	83	144590	53.350	ug/l	96
48) Methyl methacrylate	9.231	41	47406	55.157	ug/l	99
49) 1,4-Dioxane	9.250	88	10549	1049.908	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	270561	282.489	ug/l	98
52) Toluene	10.182	92	254487	52.867	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	126708	52.565	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	150193	53.650	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	73526	54.385	ug/l	96
56) Ethyl methacrylate	10.451	69	93491	54.756	ug/l	98
57) 1,3-Dichloropropane	10.725	76	121068	54.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	179310	264.725	ug/l	96
59) 2-Hexanone	10.768	43	174477	283.953	ug/l	97
60) Dibromochloromethane	10.920	129	103018	52.539	ug/l	100
61) 1,2-Dibromoethane	11.024	107	66453	54.750	ug/l	99
64) Tetrachloroethene	10.658	164	90538	48.528	ug/l	98
65) Chlorobenzene	11.450	112	289323	51.567	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	109053	51.057	ug/l	98
67) Ethyl Benzene	11.530	91	497704	51.237	ug/l	100
68) m/p-Xylenes	11.639	106	380163	101.649	ug/l	98
69) o-Xylene	11.963	106	180972	51.035	ug/l	98
70) Styrene	11.981	104	305348	51.154	ug/l	99
71) Bromoform	12.145	173	61810	50.906	ug/l #	100
73) Isopropylbenzene	12.267	105	493732	48.783	ug/l	100
74) N-amyl acetate	12.078	43	89293	53.936	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	79681	51.944	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	100511	90.041	ug/l #	100
77) Bromobenzene	12.542	156	114839	49.214	ug/l	97
78) n-propylbenzene	12.603	91	569754	49.596	ug/l	99
79) 2-Chlorotoluene	12.688	91	328346	49.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	400402	48.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	27048	51.091	ug/l	96
82) 4-Chlorotoluene	12.786	91	334842	49.046	ug/l	100
83) tert-Butylbenzene	13.005	119	366922	47.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	392060	48.948	ug/l	99
85) sec-Butylbenzene	13.188	105	524662	48.963	ug/l	100
86) p-Isopropyltoluene	13.304	119	438644	47.986	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	221513	48.856	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216302	48.465	ug/l	99
89) n-Butylbenzene	13.627	91	385382	48.596	ug/l	99
90) Hexachloroethane	13.889	117	88956	48.464	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	191010	48.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11478	46.276	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	110115	48.265	ug/l	99
94) Hexachlorobutadiene	15.035	225	73108	45.455	ug/l	99
95) Naphthalene	15.157	128	178946	47.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	91532	47.887	ug/l	99

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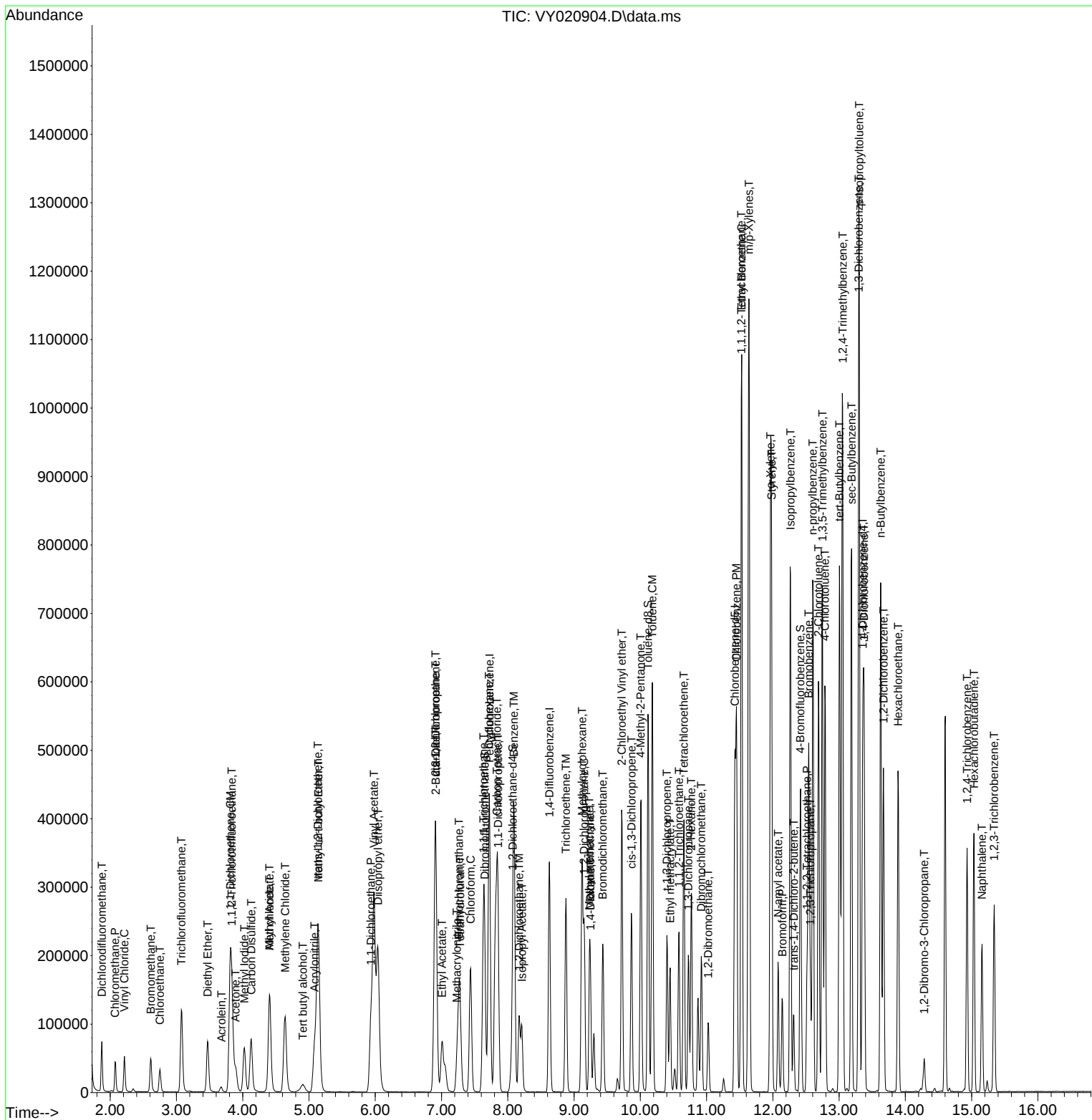
Instrument :
MSVOA_Y
ClientSampleId :

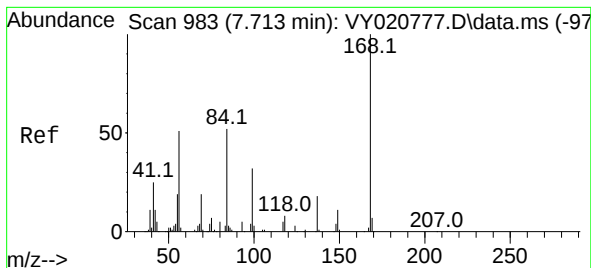
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.726 min Scan# 9

Delta R.T. -0.011 min

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MSVOA_Y

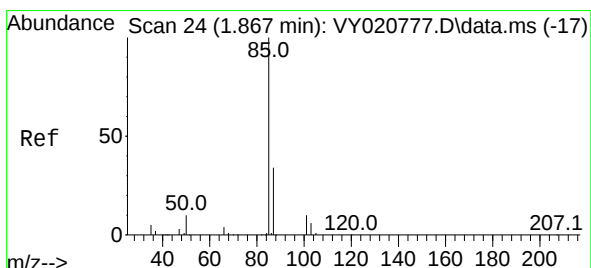
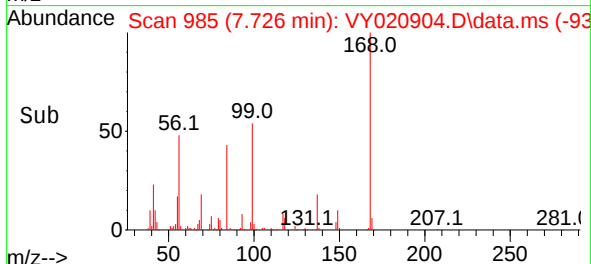
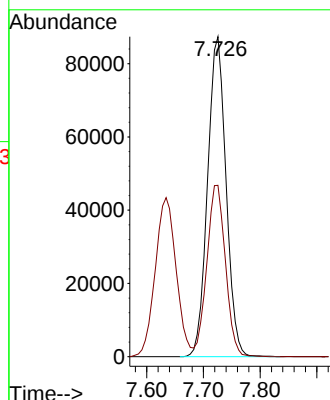
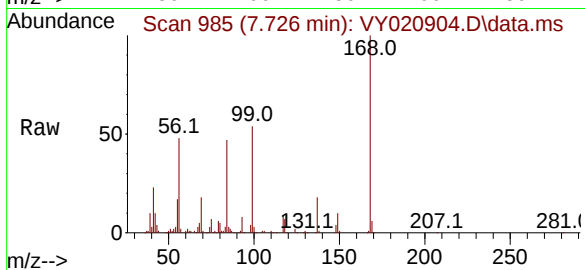
ClientSampleId :

Tgt Ion:168 Resp: 197452

Ion Ratio Lower Upper

168 100

99 53.6 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 39.980 ug/l

RT: 1.873 min Scan# 25

Delta R.T. -0.012 min

Lab File: VY020904.D

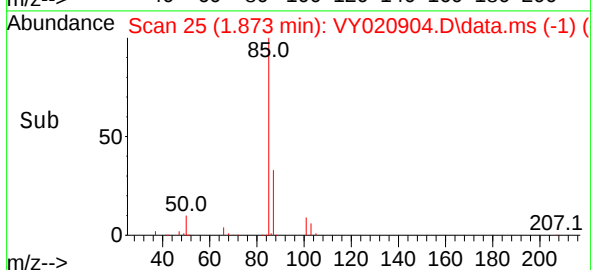
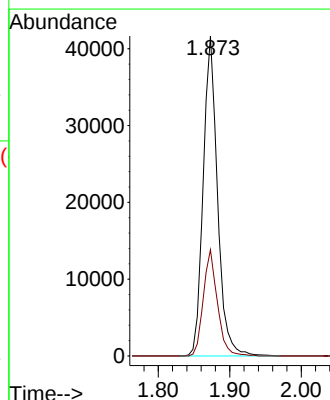
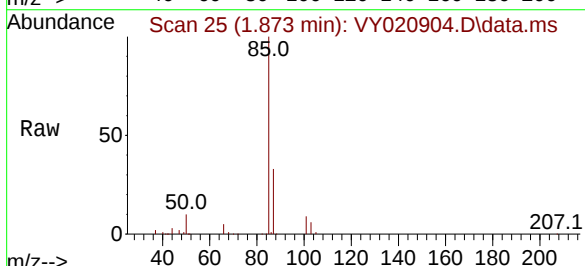
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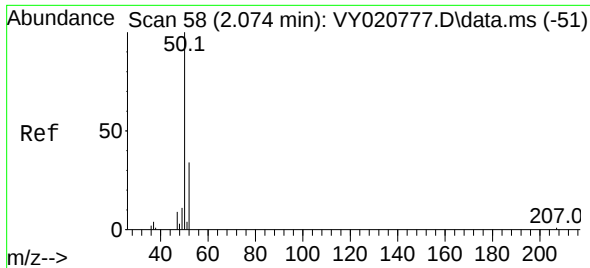
Tgt Ion: 85 Resp: 57934

Ion Ratio Lower Upper

85 100

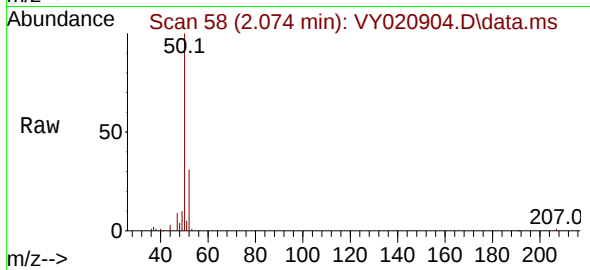
87 33.2 16.9 50.6



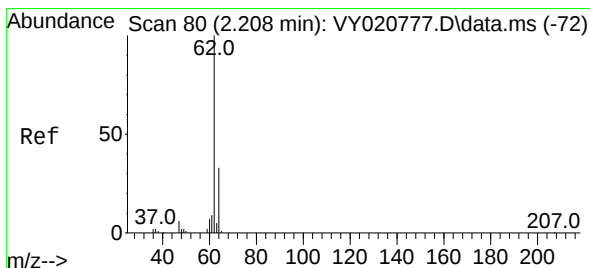
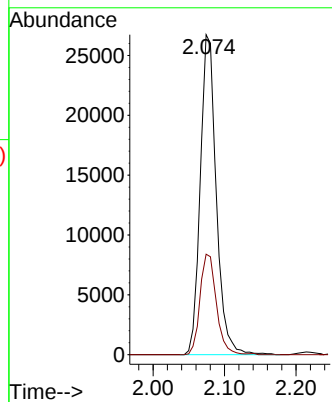
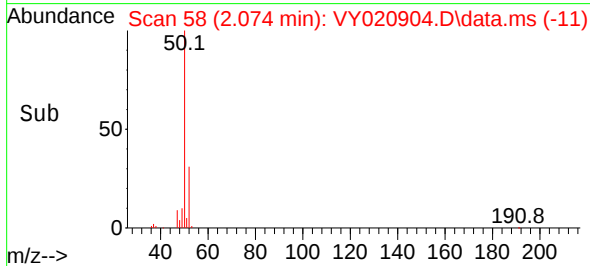


#3
Chloromethane
Concen: 54.432 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020904.D
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ClientSampleId :

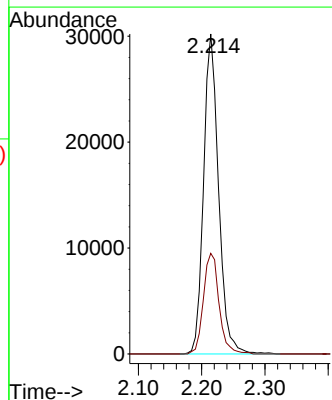
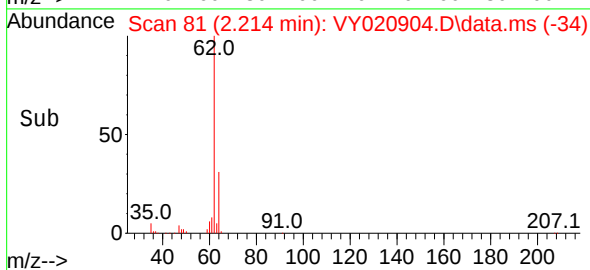
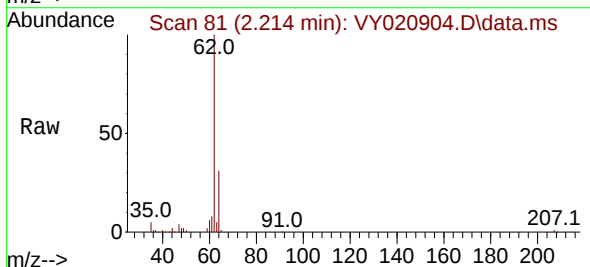


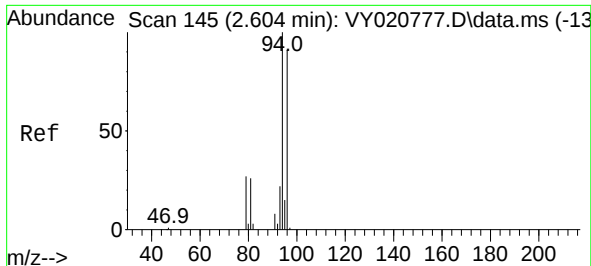
Tgt Ion: 50 Resp: 41531
Ion Ratio Lower Upper
50 100
52 31.4 27.3 40.9



#4
Vinyl Chloride
Concen: 58.834 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 62 Resp: 49902
Ion Ratio Lower Upper
62 100
64 31.5 26.6 39.8

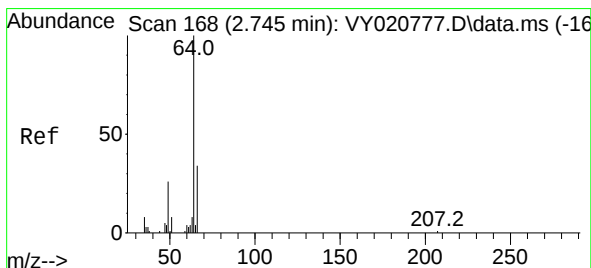
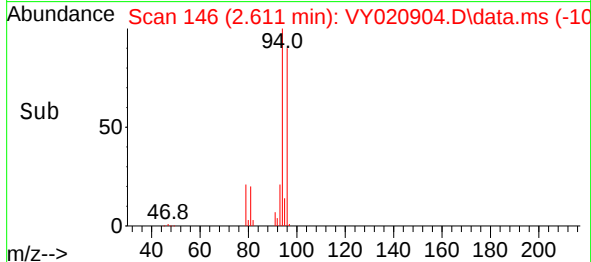
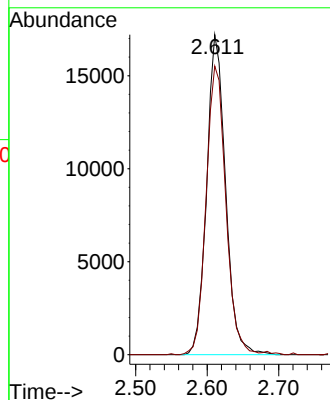
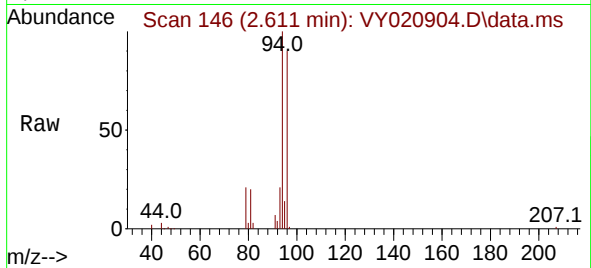




#5
Bromomethane
Concen: 52.244 ug/l
RT: 2.611 min Scan# 146
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

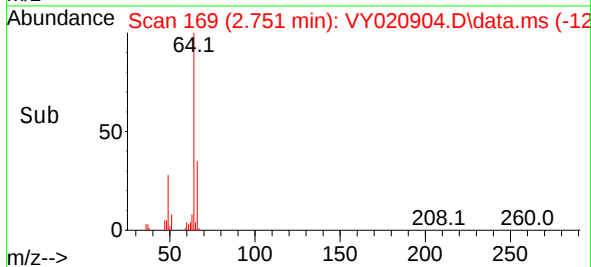
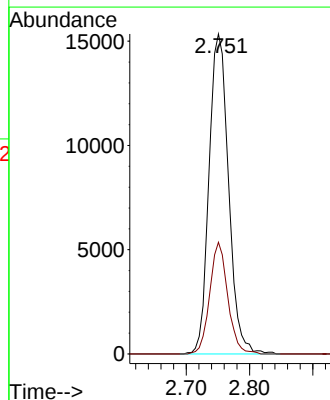
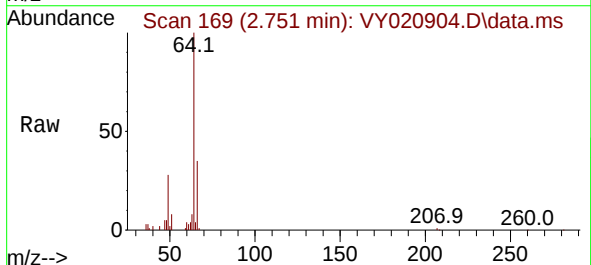
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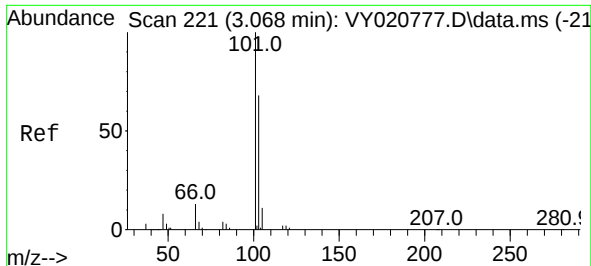
Tgt Ion: 94 Resp: 31562
Ion Ratio Lower Upper
94 100
96 90.2 72.6 109.0



#6
Chloroethane
Concen: 62.875 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 64 Resp: 32890
Ion Ratio Lower Upper
64 100
66 34.9 26.9 40.3

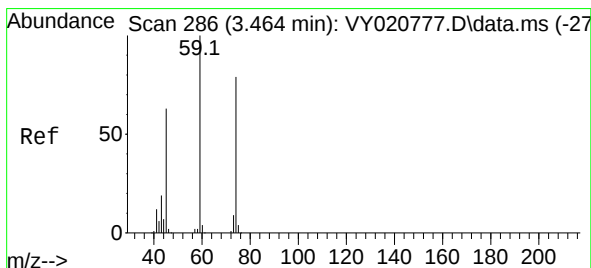
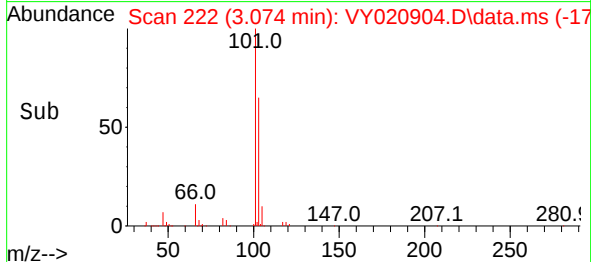
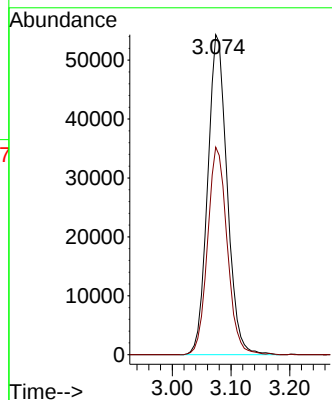
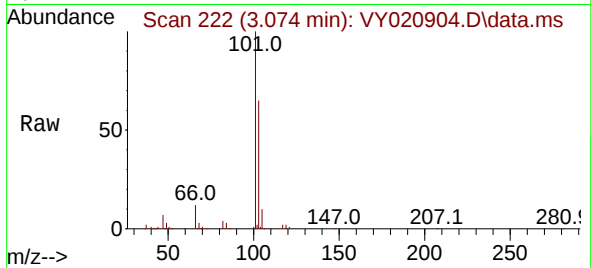




#7
Trichlorofluoromethane
Concen: 48.003 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

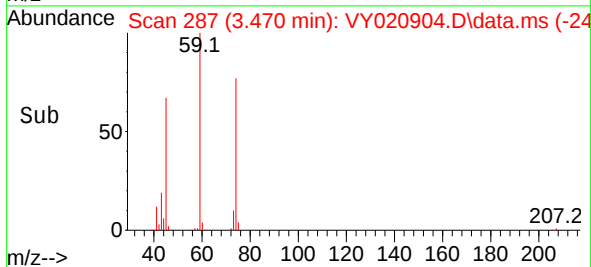
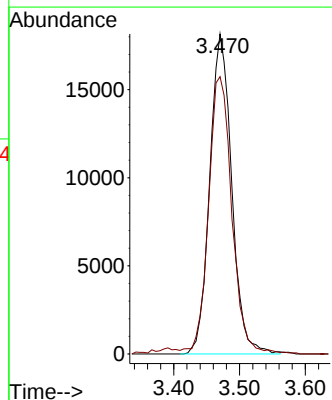
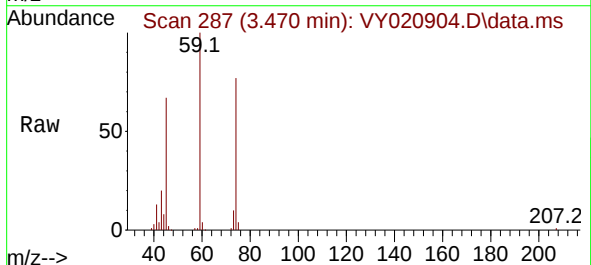
Instrument :
MSVOA_Y
ClientSampleId :

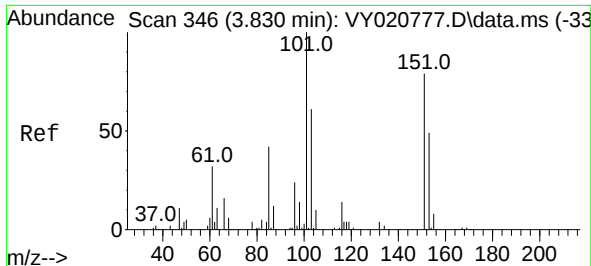
Tgt Ion:101 Resp: 124962
Ion Ratio Lower Upper
101 100
103 64.8 54.6 82.0



#8
Diethyl Ether
Concen: 51.900 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 74 Resp: 42251
Ion Ratio Lower Upper
74 100
45 92.1 41.3 124.1

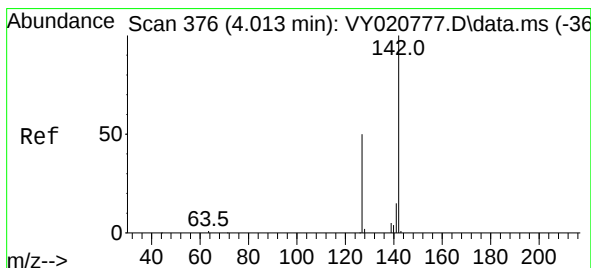
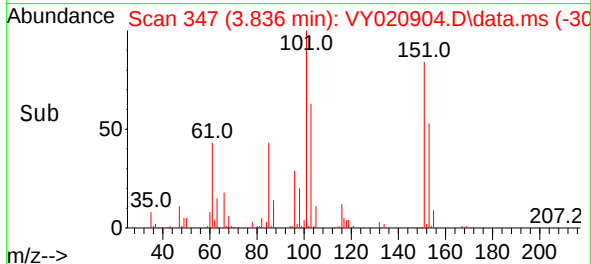
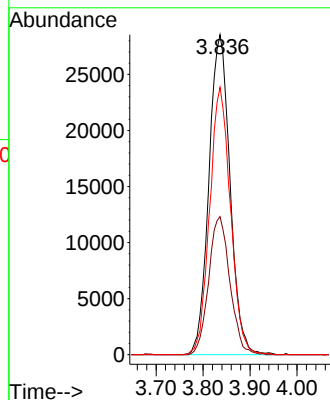
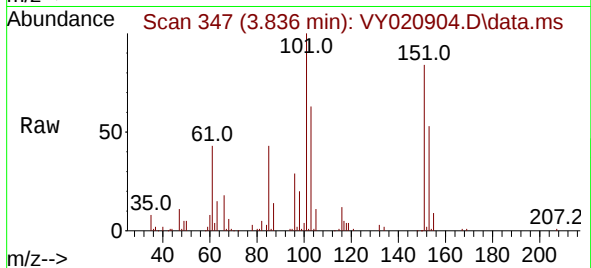




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.535 ug/l
RT: 3.836 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

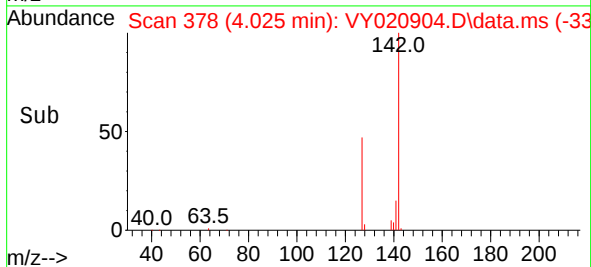
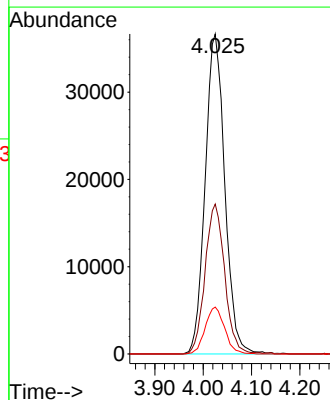
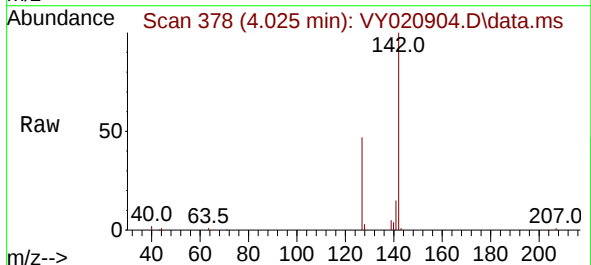
Instrument :
MSVOA_Y
ClientSampleId :

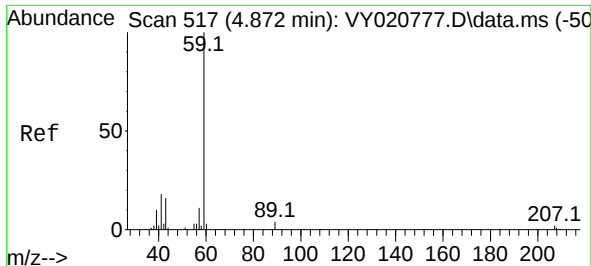
Tgt Ion:101 Resp: 88839
Ion Ratio Lower Upper
101 100
85 43.4 35.9 53.9
151 82.6 66.9 100.3



#10
Methyl Iodide
Concen: 54.880 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

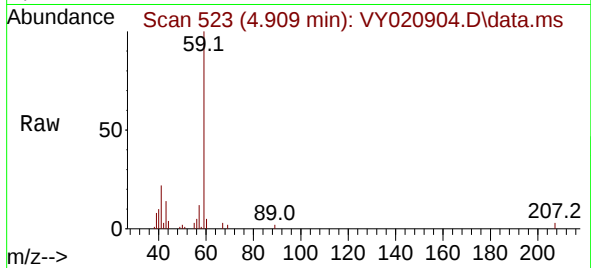
Tgt Ion:142 Resp: 103391
Ion Ratio Lower Upper
142 100
127 46.8 41.0 61.6
141 14.5 11.6 17.4



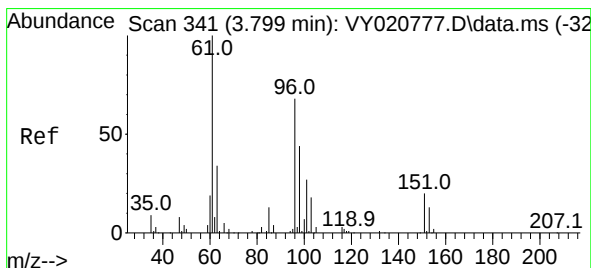
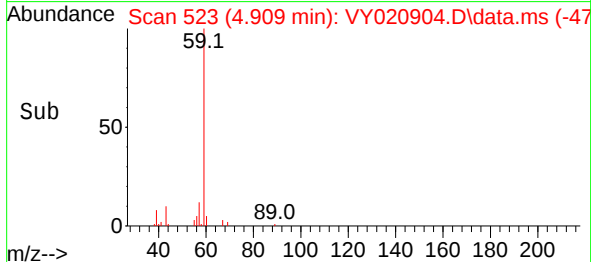
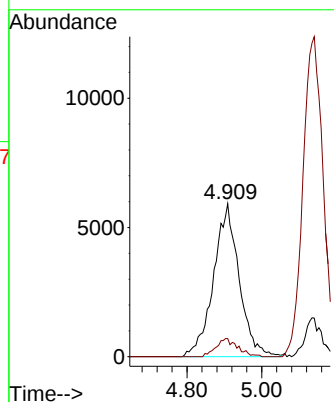


#11
Tert butyl alcohol
Concen: 221.930 ug/l
RT: 4.909 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

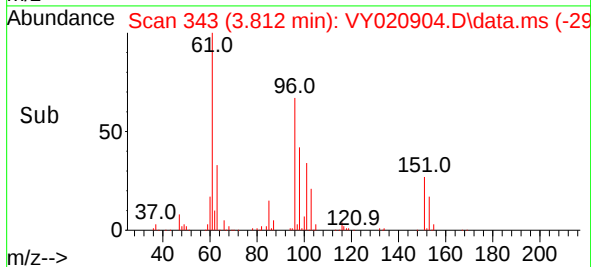
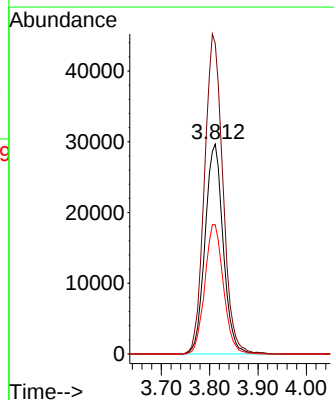
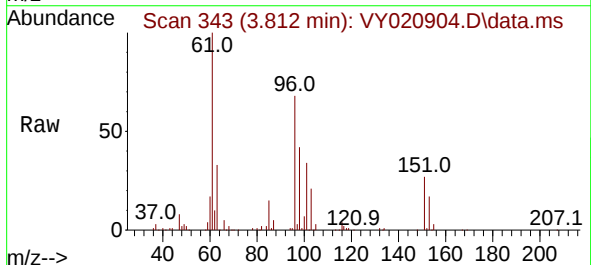


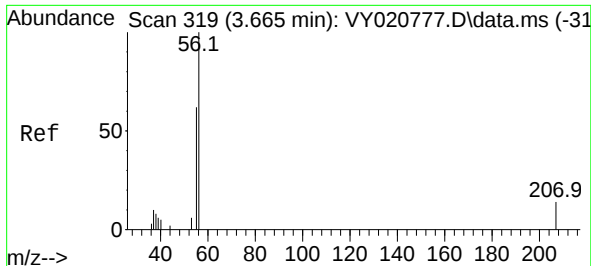
Tgt Ion: 59 Resp: 28144
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.266 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

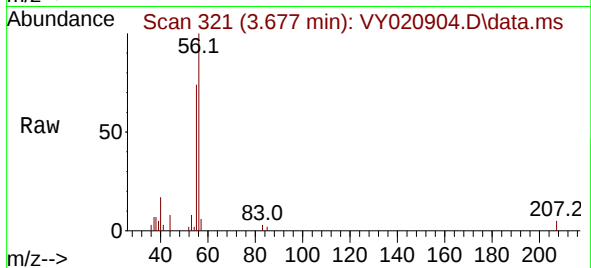
Tgt Ion: 96 Resp: 77399
Ion Ratio Lower Upper
96 100
61 147.9 117.8 176.8
98 61.6 51.9 77.9



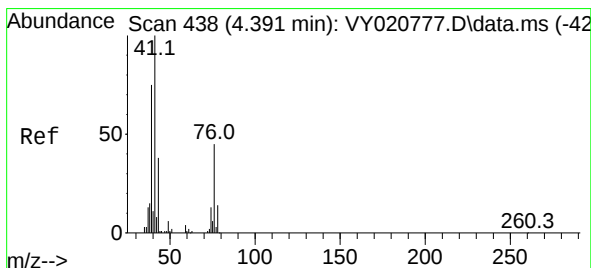
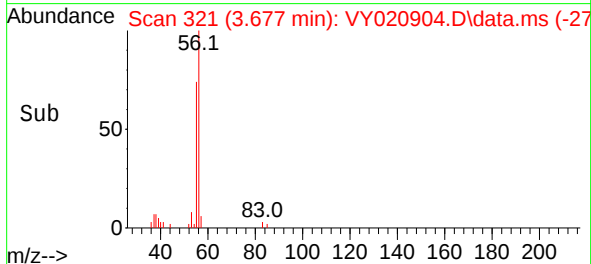
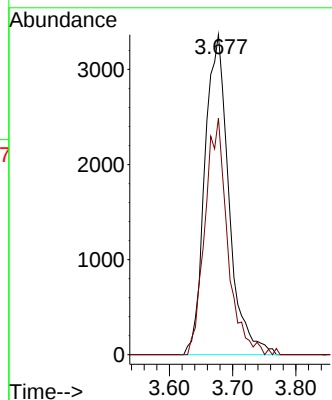


#13
Acrolein
Concen: 249.793 ug/l
RT: 3.677 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

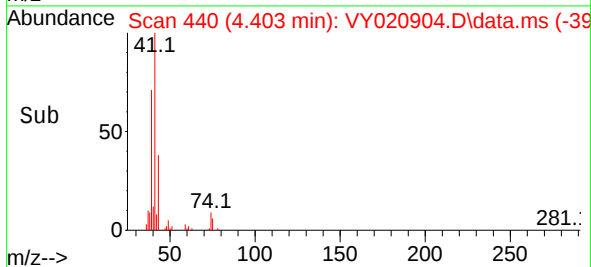
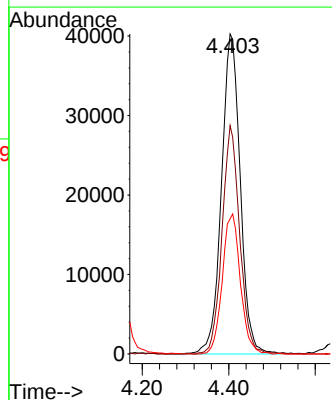
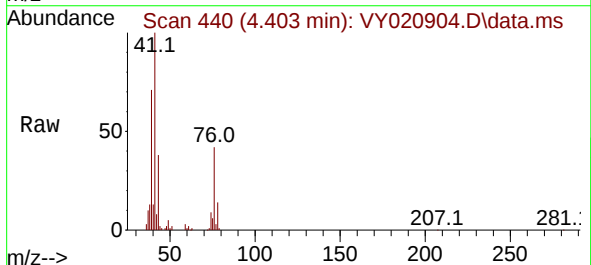


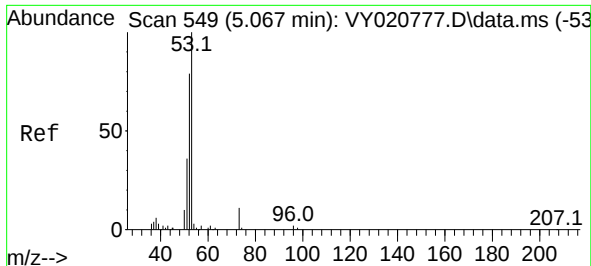
Tgt Ion: 56 Resp: 8896
Ion Ratio Lower Upper
56 100
55 69.6 58.1 87.1



#14
Allyl chloride
Concen: 54.716 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

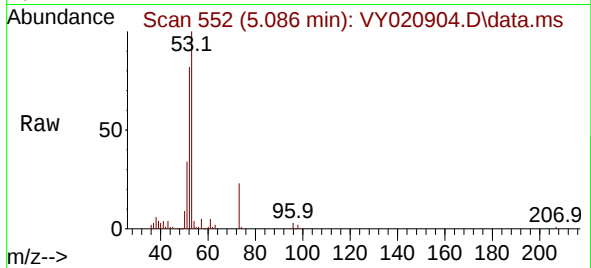
Tgt Ion: 41 Resp: 121550
Ion Ratio Lower Upper
41 100
39 67.0 57.5 86.3
76 42.1 35.6 53.4



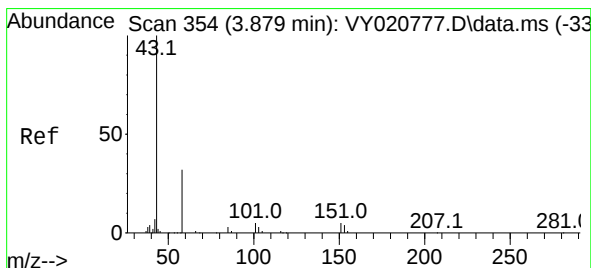
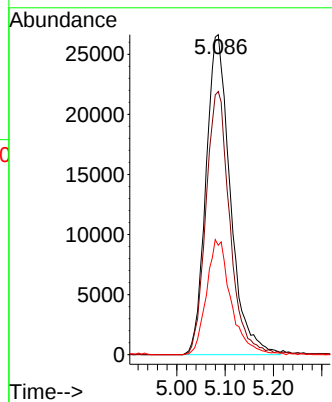
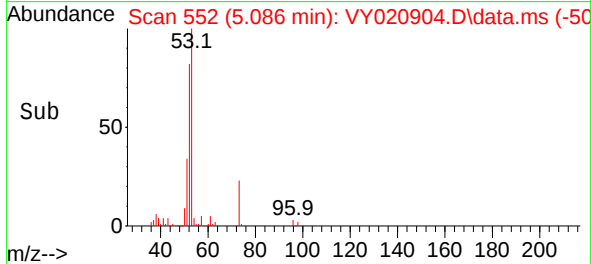


#15
Acrylonitrile
Concen: 268.952 ug/l
RT: 5.086 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

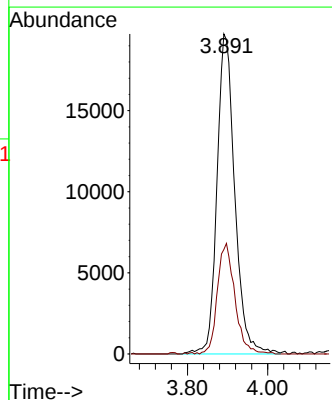
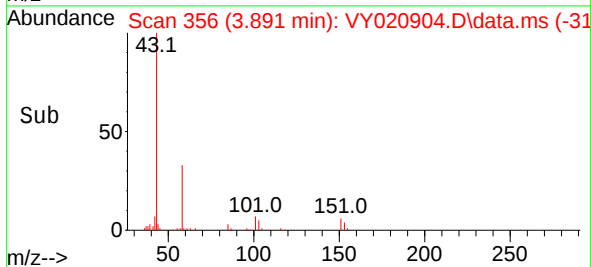
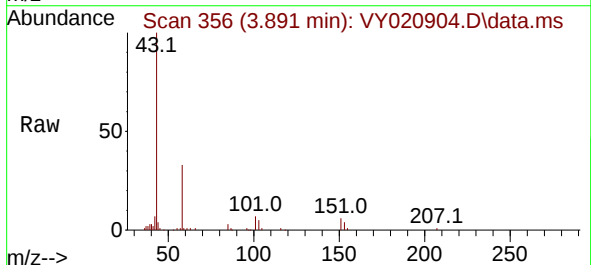


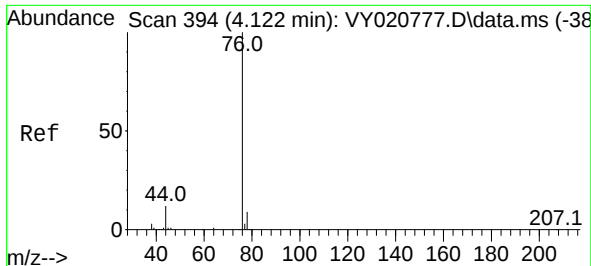
Tgt Ion: 53 Resp: 93053
Ion Ratio Lower Upper
53 100
52 81.0 64.3 96.5
51 36.1 29.3 43.9



#16
Acetone
Concen: 254.162 ug/l
RT: 3.891 min Scan# 356
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 43 Resp: 60657
Ion Ratio Lower Upper
43 100
58 32.6 26.7 40.1

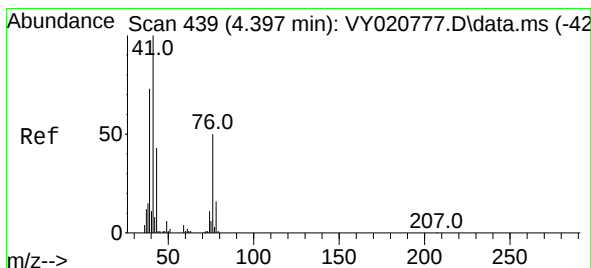
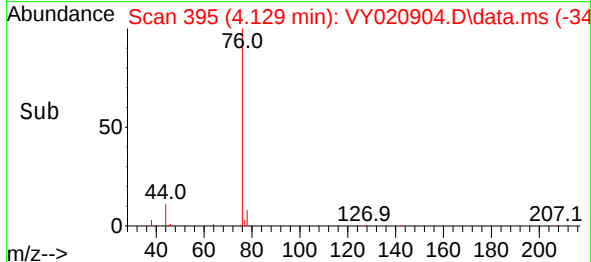
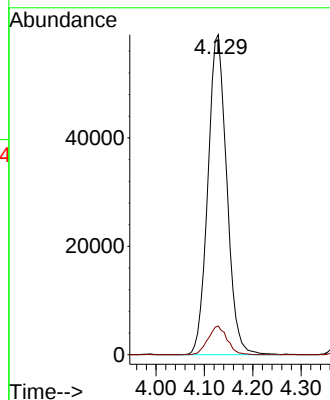
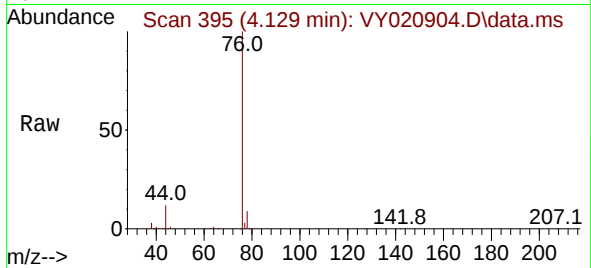




#17
Carbon Disulfide
Concen: 47.905 ug/l
RT: 4.129 min Scan# 394
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

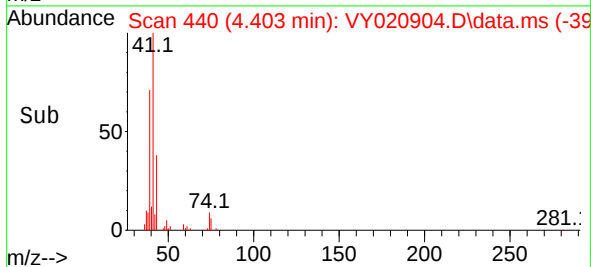
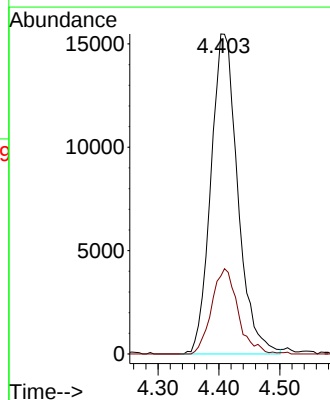
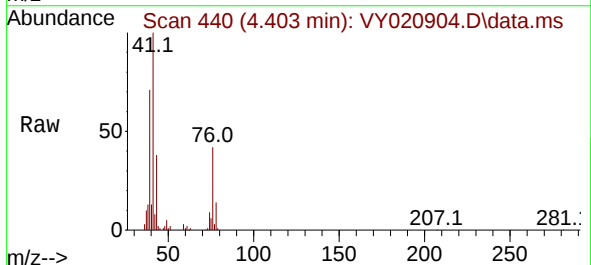
Instrument :
MSVOA_Y
ClientSampleId :

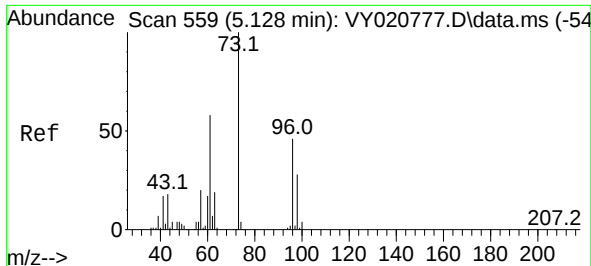
Tgt Ion: 76 Resp: 160019
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.984 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 43 Resp: 47530
Ion Ratio Lower Upper
43 100
74 26.2 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 51.676 ug/l

RT: 5.141 min Scan# 5

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

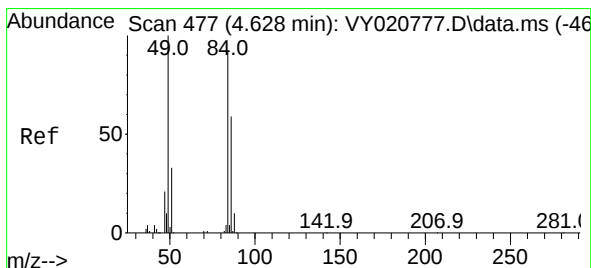
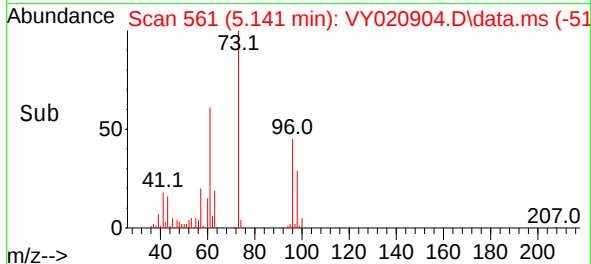
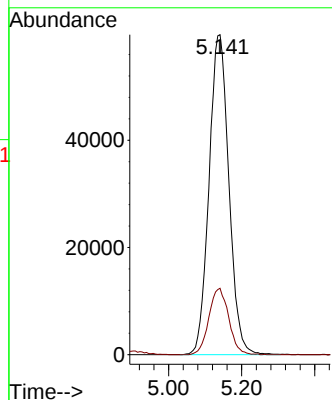
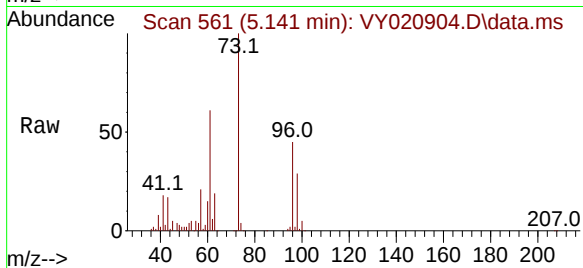
ClientSampleId :

Tgt Ion: 73 Resp: 224561

Ion Ratio Lower Upper

73 100

57 20.7 16.4 24.6



#20

Methylene Chloride

Concen: 53.120 ug/l

RT: 4.641 min Scan# 479

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion: 84 Resp: 87551

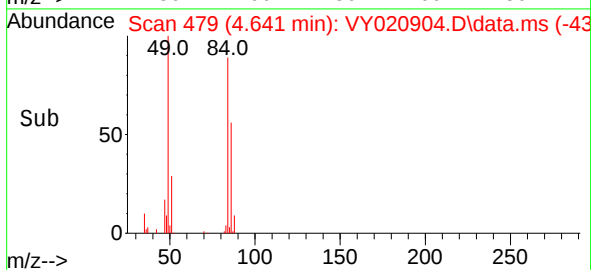
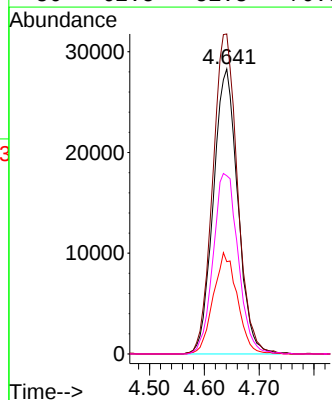
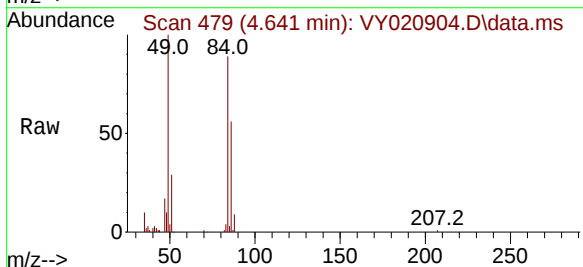
Ion Ratio Lower Upper

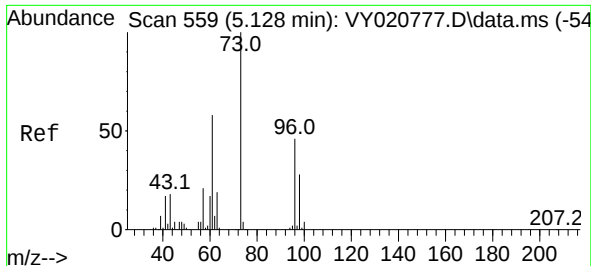
84 100

49 112.3 86.7 130.1

51 32.4 28.4 42.6

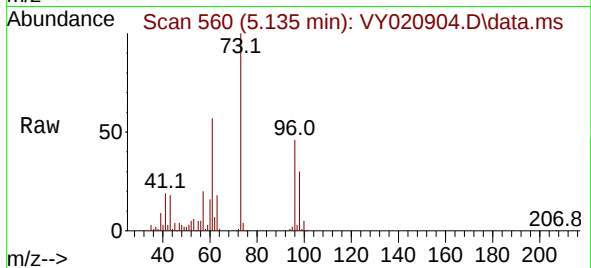
86 62.5 51.3 76.9



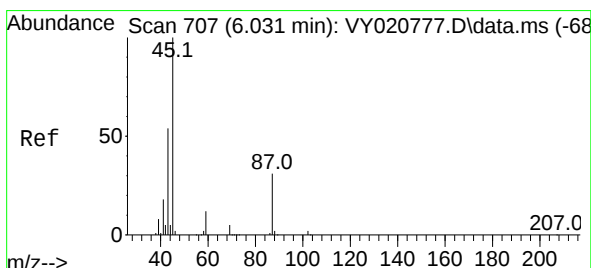
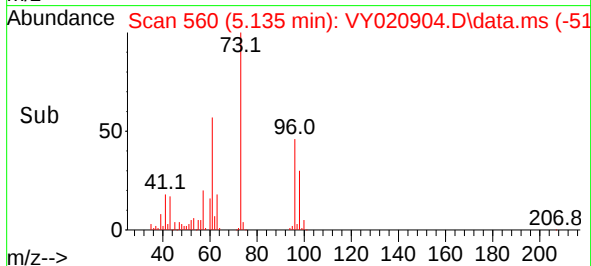
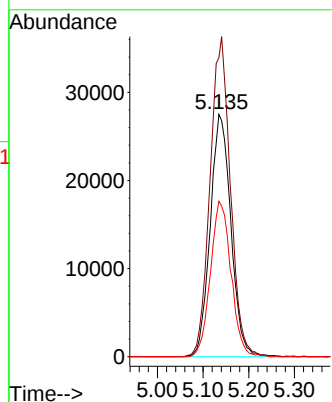


#21
trans-1,2-Dichloroethene
Concen: 50.985 ug/l
RT: 5.135 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

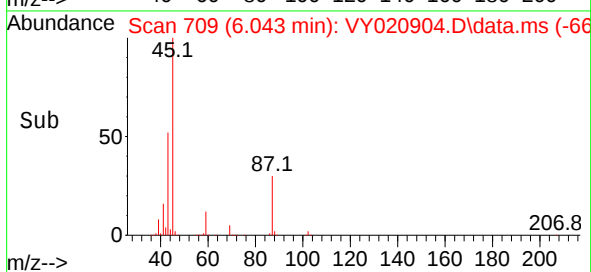
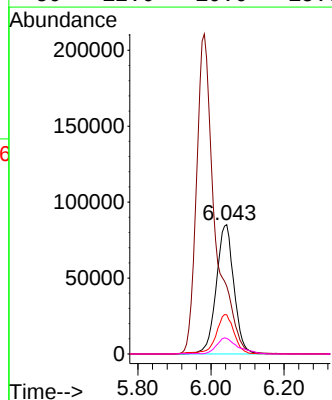
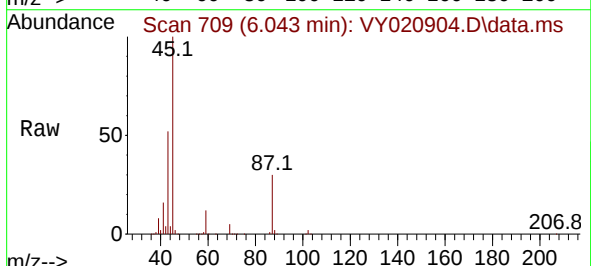


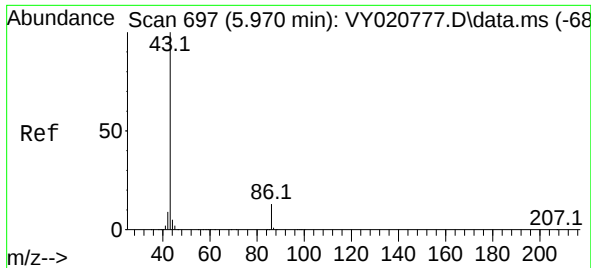
Tgt Ion: 96 Resp: 86453
Ion Ratio Lower Upper
96 100
61 123.4 101.6 152.4
98 64.1 49.4 74.2



#22
Diisopropyl ether
Concen: 60.411 ug/l
RT: 6.043 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 45 Resp: 285877
Ion Ratio Lower Upper
45 100
43 52.1 43.9 65.9
87 30.3 25.3 37.9
59 12.0 10.0 15.0

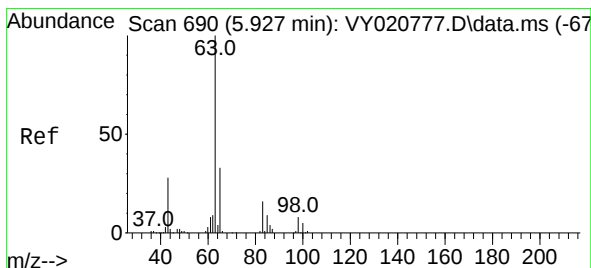
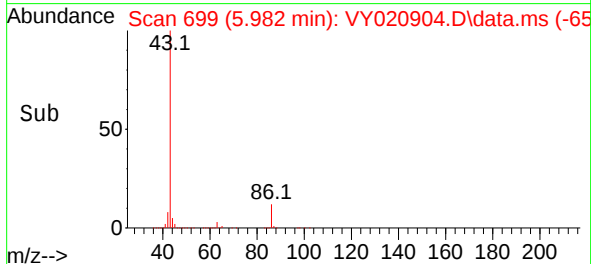
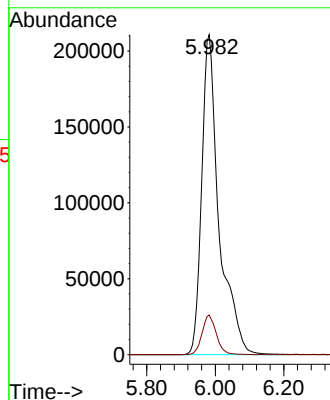
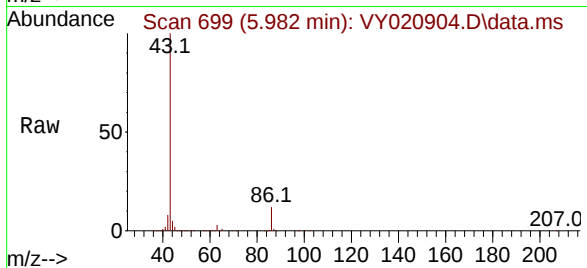




#23
 Vinyl Acetate
 Concen: 284.251 ug/l
 RT: 5.982 min Scan# 698
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

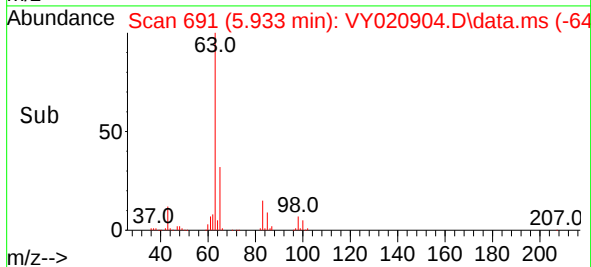
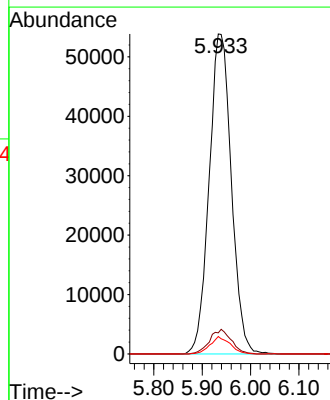
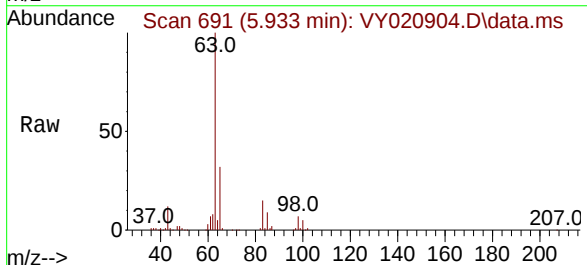
Instrument :
 MSVOA_Y
 ClientSampleId :

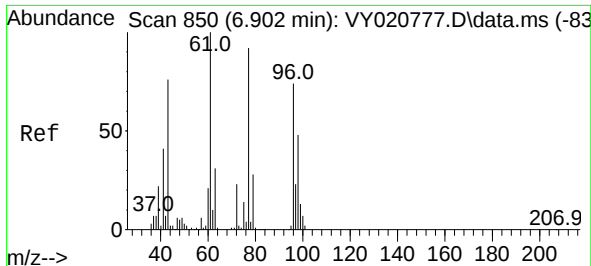
Tgt Ion: 43 Resp: 741667
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 54.969 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.024 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Tgt Ion: 63 Resp: 171622
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 271.596 ug/l

RT: 6.915 min Scan# 852

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

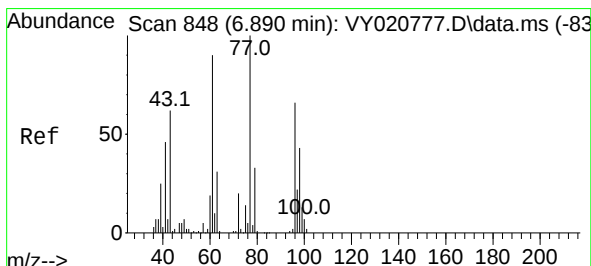
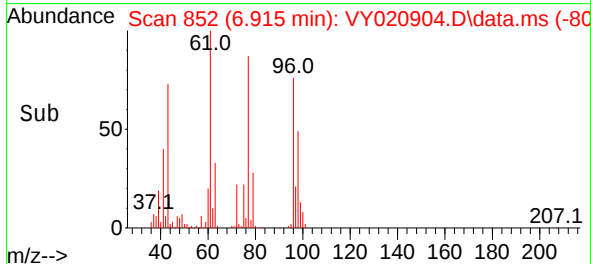
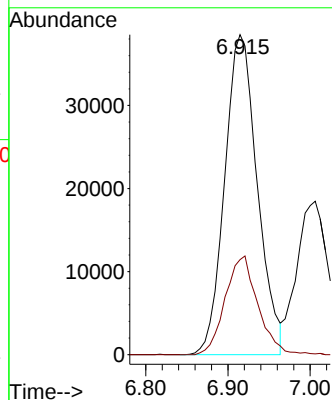
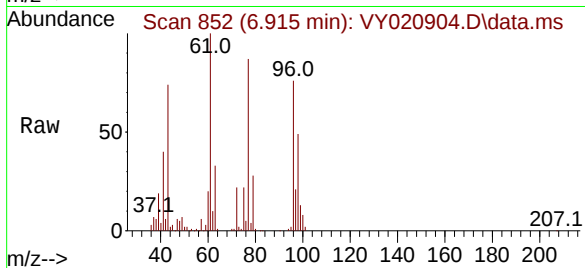
ClientSampleId :

Tgt Ion: 43 Resp: 106474

Ion Ratio Lower Upper

43 100

72 29.7 24.0 36.0



#26

2,2-Dichloropropane

Concen: 48.460 ug/l

RT: 6.909 min Scan# 851

Delta R.T. -0.018 min

Lab File: VY020904.D

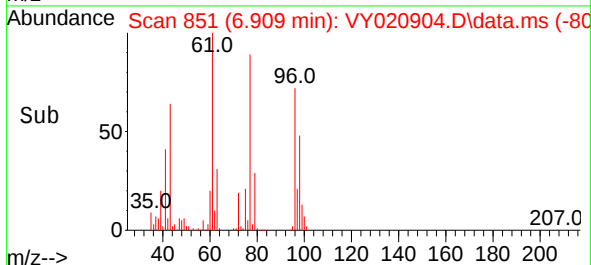
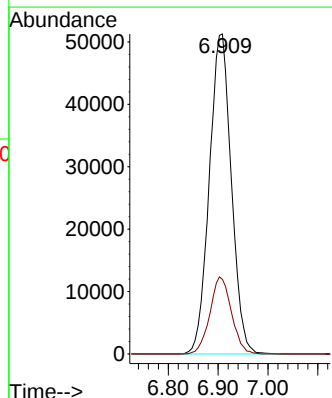
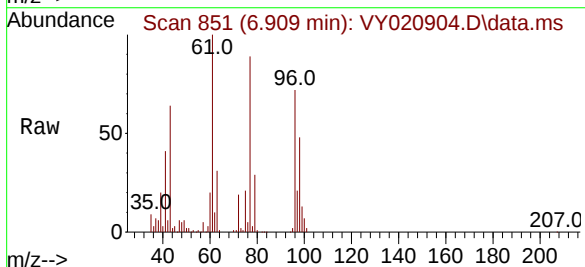
Acq: 22 Jan 2025 17:14

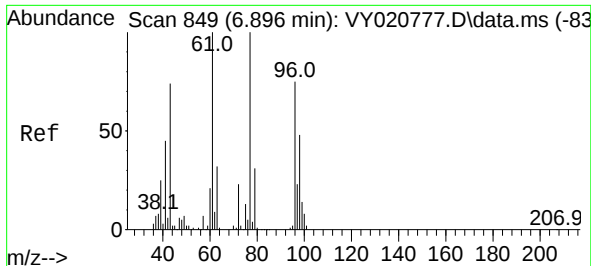
Tgt Ion: 77 Resp: 157089

Ion Ratio Lower Upper

77 100

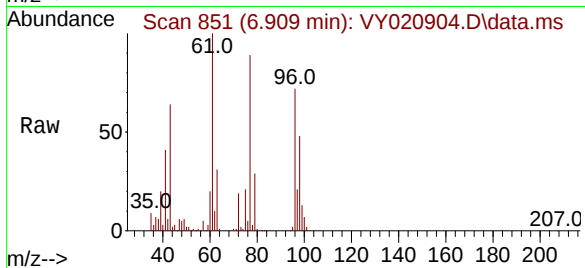
97 23.5 11.3 33.8



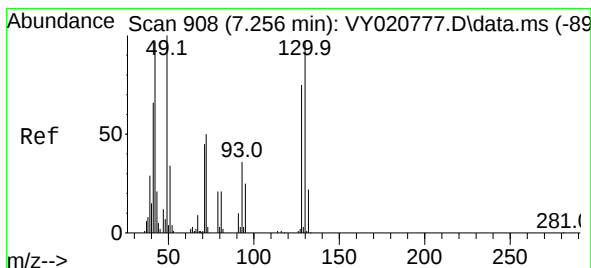
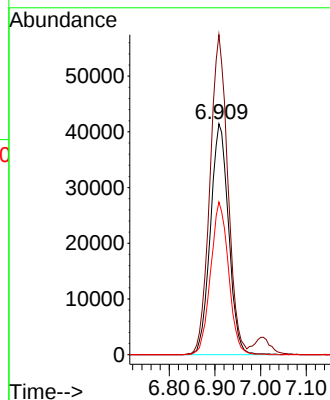
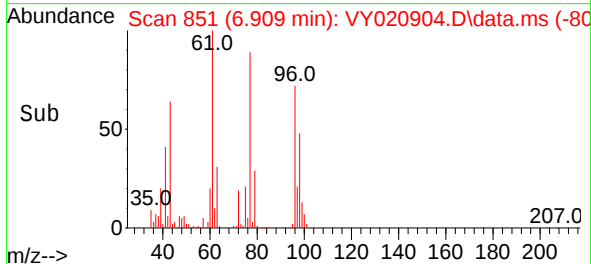


#27
 cis-1,2-Dichloroethene
 Concen: 53.547 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :

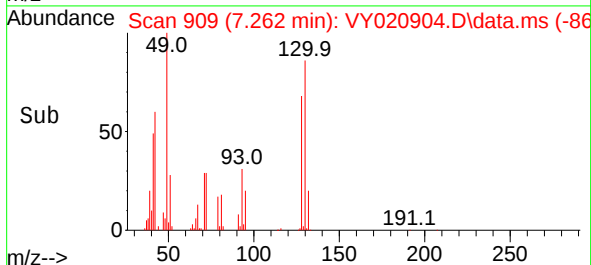
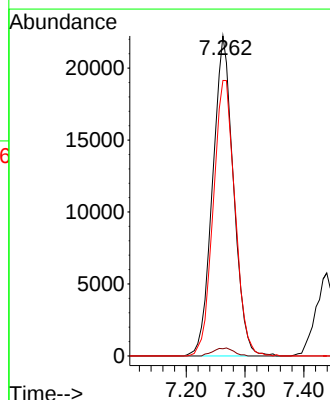
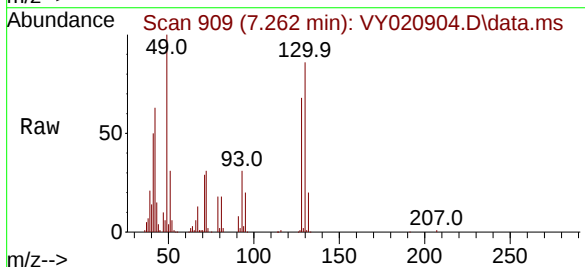


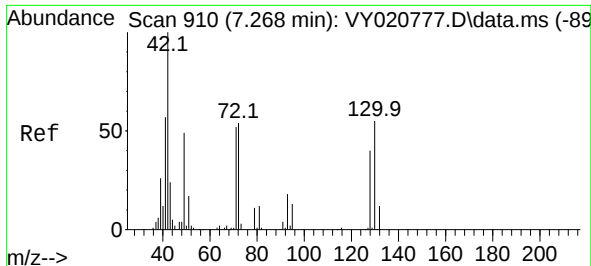
Tgt Ion: 96 Resp: 114559
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 271.4
 98 65.2 0.0 129.0



#28
 Bromochloromethane
 Concen: 65.164 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. -0.018 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Tgt Ion: 49 Resp: 54898
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 89.5 77.8 116.6





#29

Tetrahydrofuran

Concen: 279.796 ug/l

RT: 7.281 min Scan# 910

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

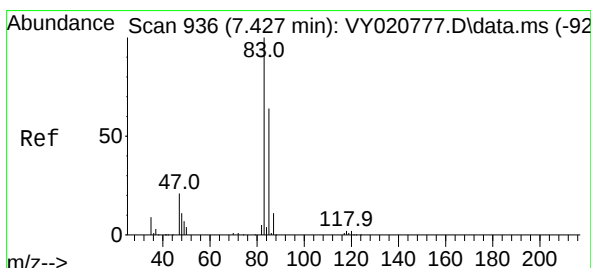
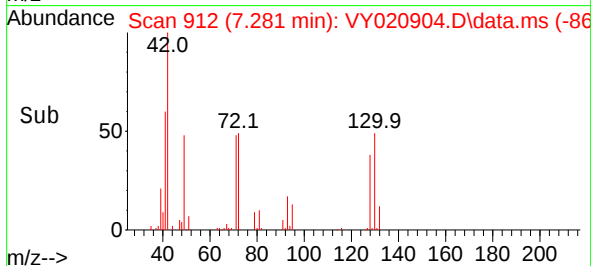
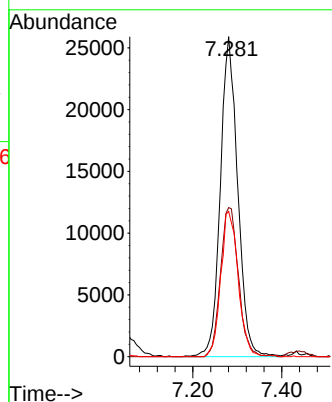
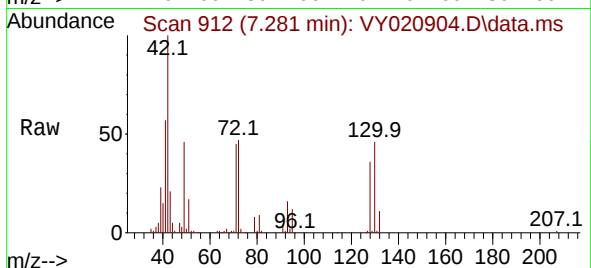
Tgt Ion: 42 Resp: 70069

Ion Ratio Lower Upper

42 100

72 48.1 41.8 62.6

71 45.6 39.8 59.8



#30

Chloroform

Concen: 52.788 ug/l

RT: 7.439 min Scan# 938

Delta R.T. -0.018 min

Lab File: VY020904.D

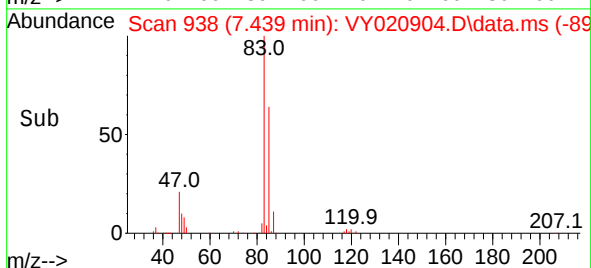
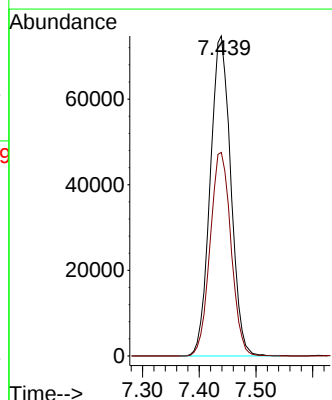
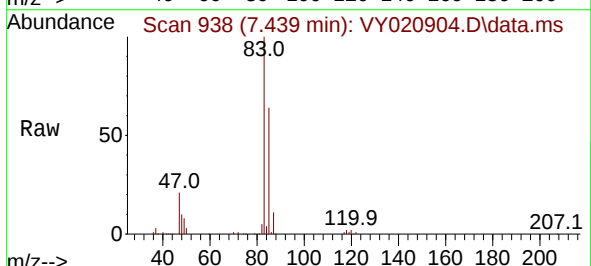
Acq: 22 Jan 2025 17:14

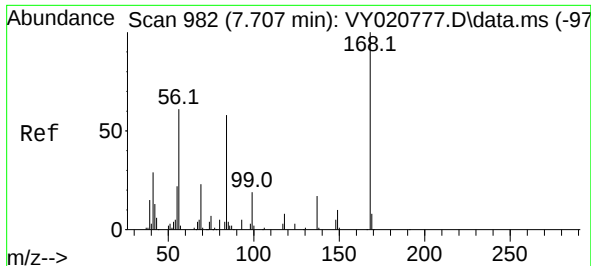
Tgt Ion: 83 Resp: 187949

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

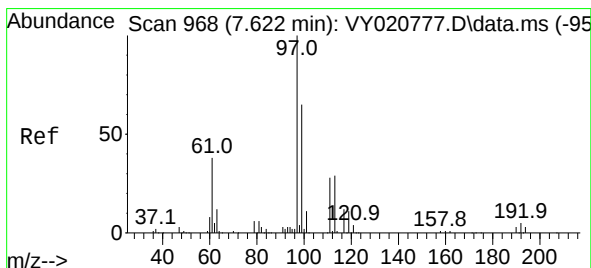
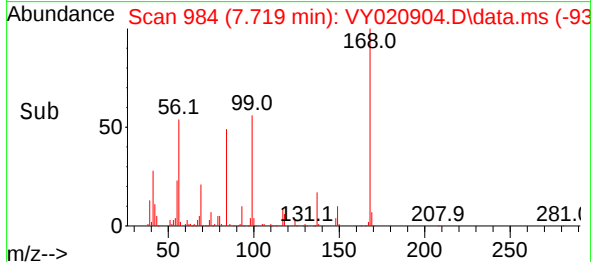
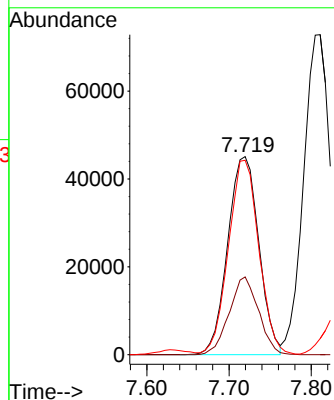
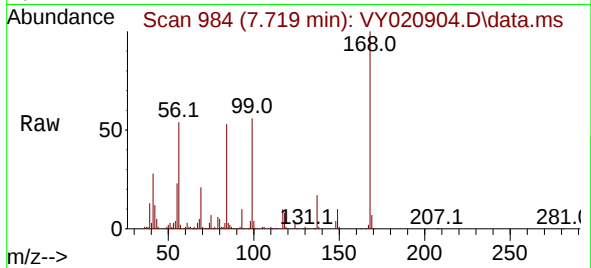




#31
Cyclohexane
Concen: 48.666 ug/l
RT: 7.719 min Scan# 911
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

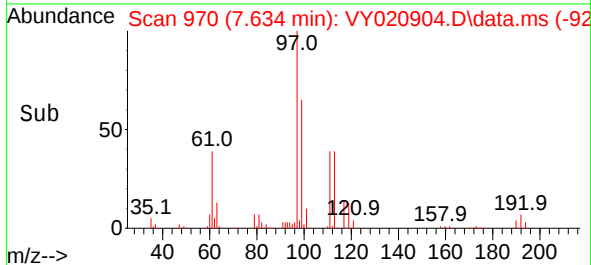
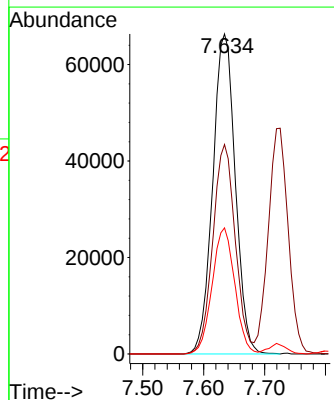
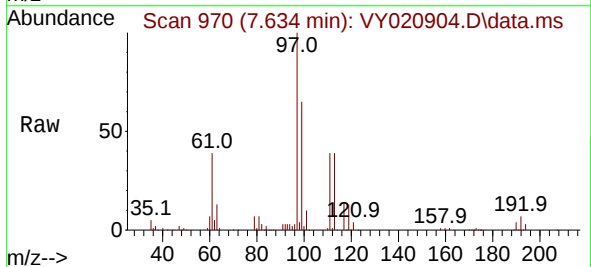
Instrument :
MSVOA_Y
ClientSampleId :

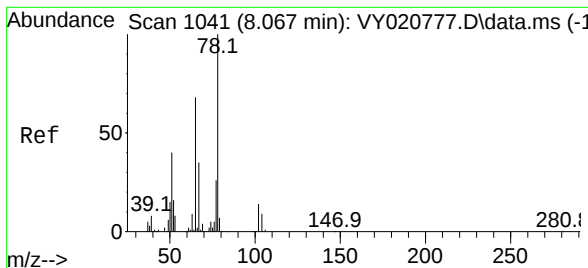
Tgt Ion: 56 Resp: 118846
Ion Ratio Lower Upper
56 100
69 39.2 30.5 45.7
84 96.1 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 49.223 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 97 Resp: 170948
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 39.4 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 53.894 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

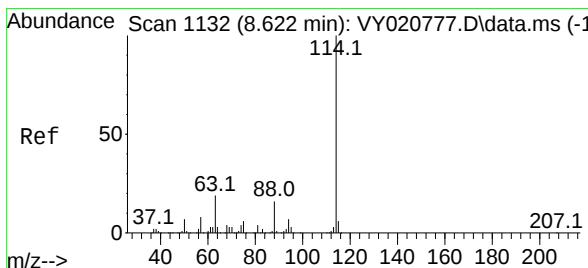
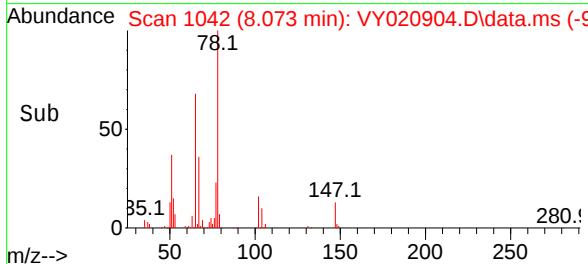
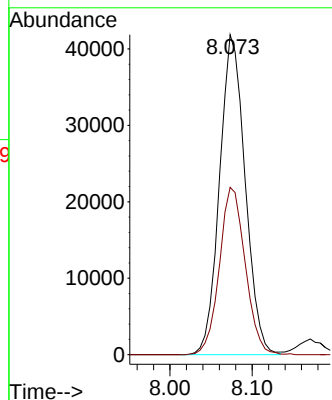
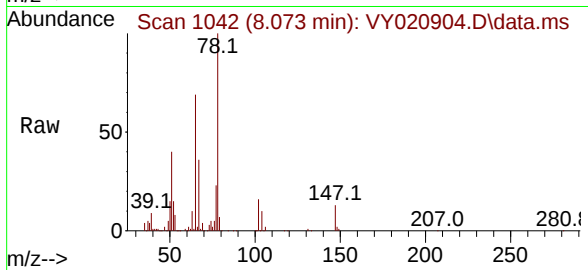
ClientSampleId :

Tgt Ion: 65 Resp: 90449

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

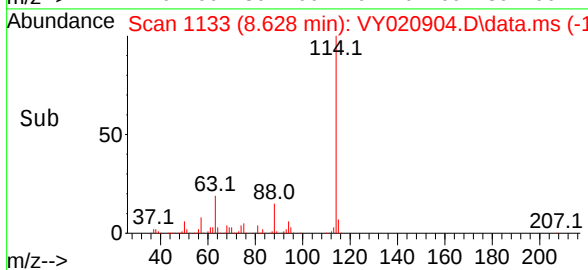
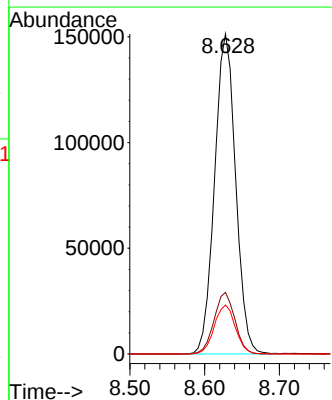
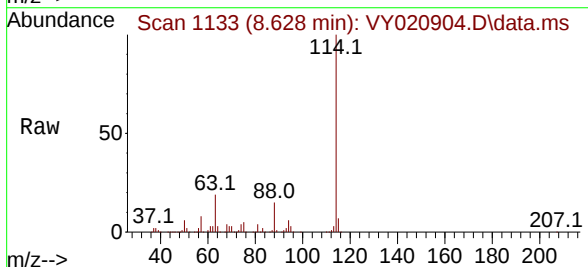
Tgt Ion:114 Resp: 296406

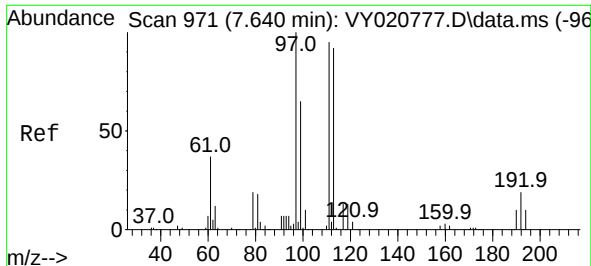
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.997 ug/l

RT: 7.652 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

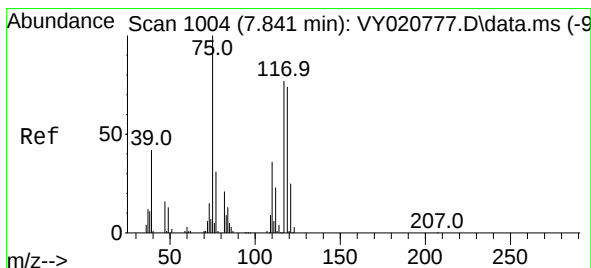
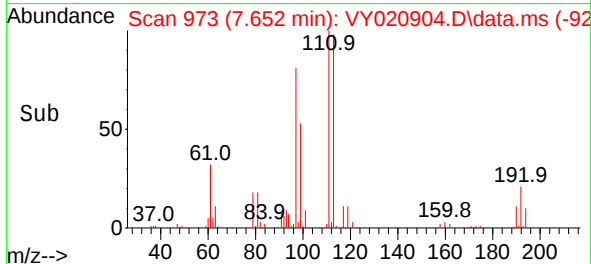
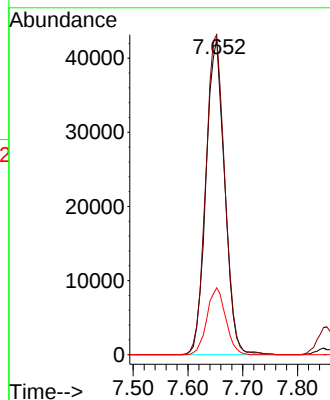
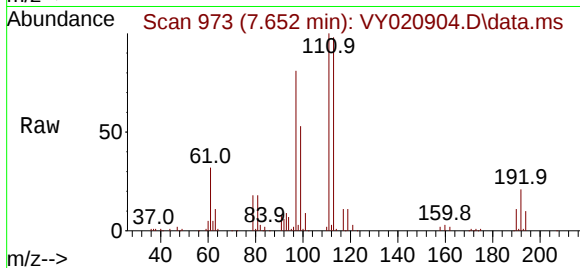
Tgt Ion:113 Resp: 100270

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

192 21.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 50.661 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

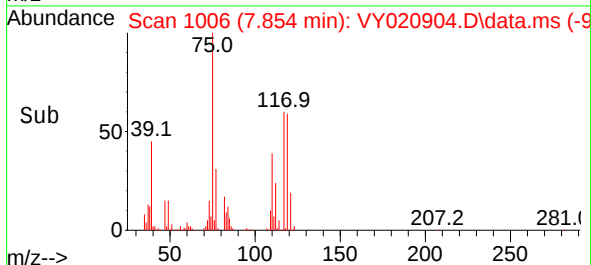
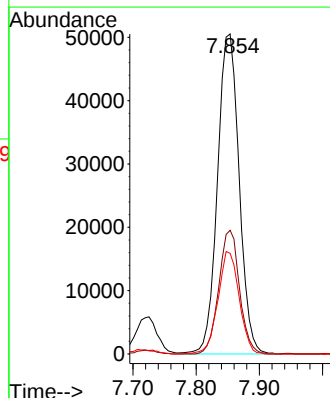
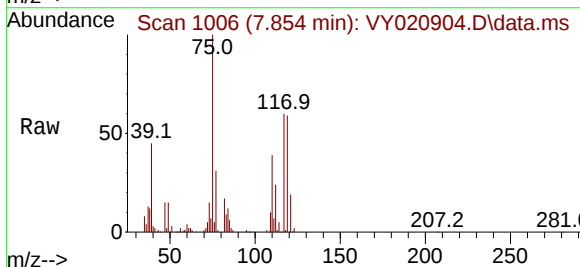
Tgt Ion: 75 Resp: 119993

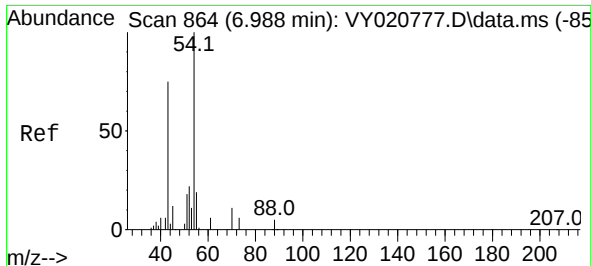
Ion Ratio Lower Upper

75 100

110 37.0 18.5 55.5

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 55.116 ug/l

RT: 7.006 min Scan# 8

Delta R.T. -0.012 min

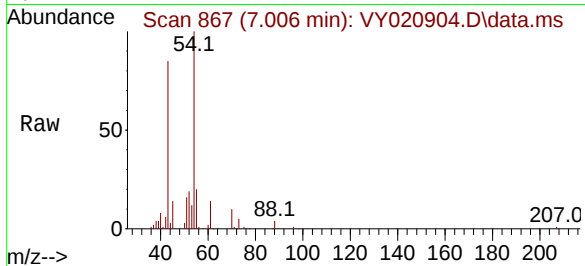
Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :



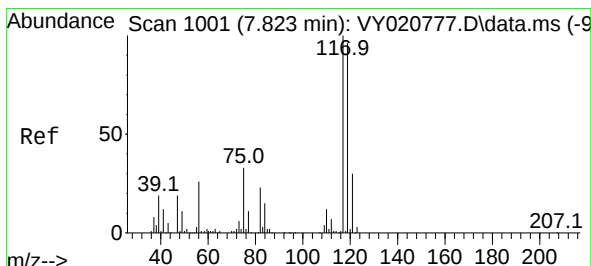
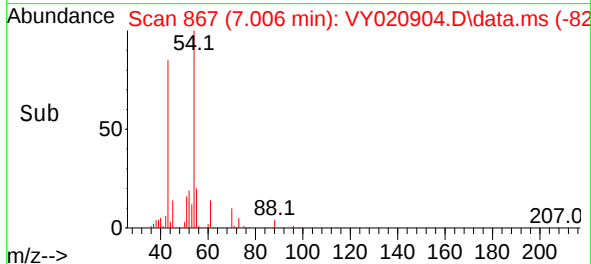
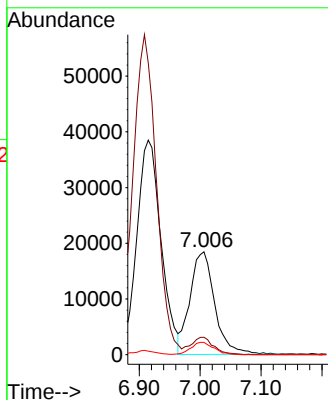
Tgt Ion: 43 Resp: 51950

Ion Ratio Lower Upper

43 100

61 15.7 11.8 17.6

70 11.2 9.8 14.8



#38

Carbon Tetrachloride

Concen: 46.734 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

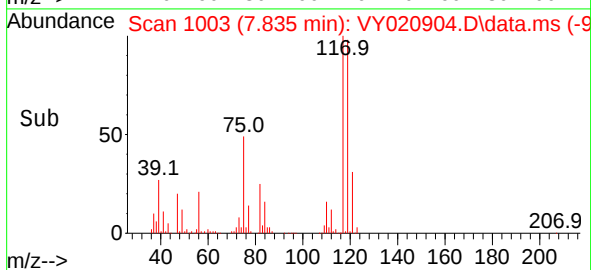
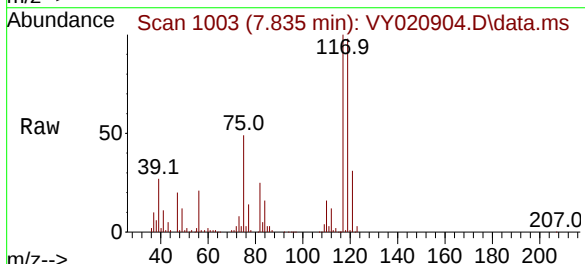
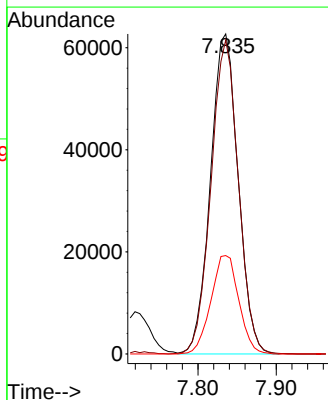
Tgt Ion: 117 Resp: 154082

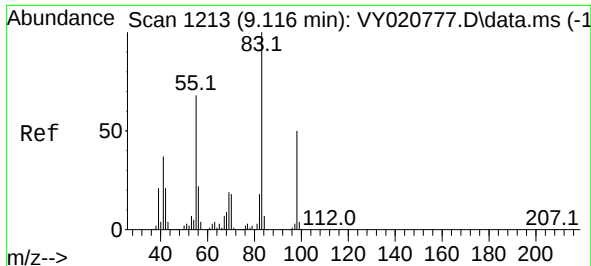
Ion Ratio Lower Upper

117 100

119 97.9 76.5 114.7

121 30.7 24.3 36.5





#39

Methylcyclohexane

Concen: 49.456 ug/l

RT: 9.122 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

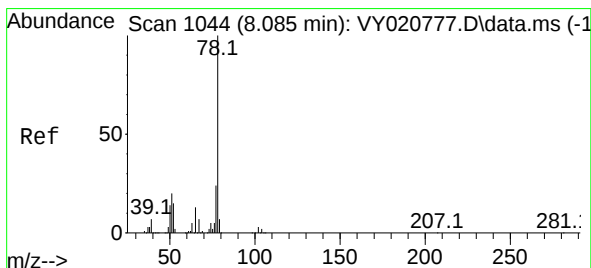
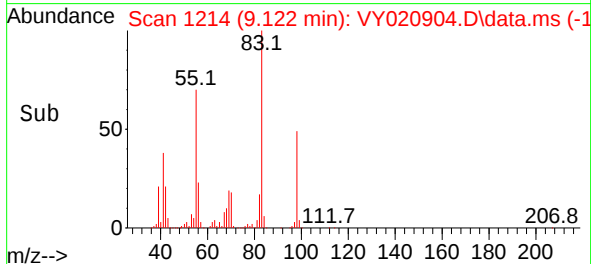
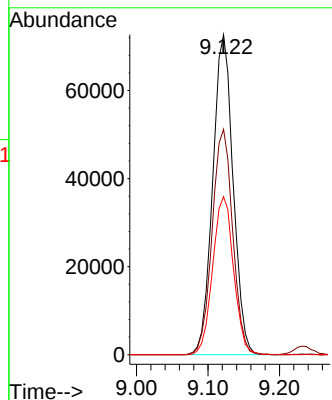
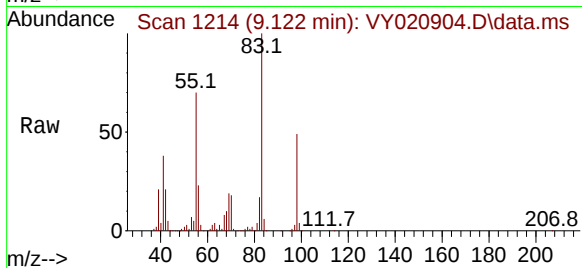
Tgt Ion: 83 Resp: 143743

Ion Ratio Lower Upper

83 100

55 70.4 54.8 82.2

98 49.3 40.0 60.0



#40

Benzene

Concen: 53.084 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.018 min

Lab File: VY020904.D

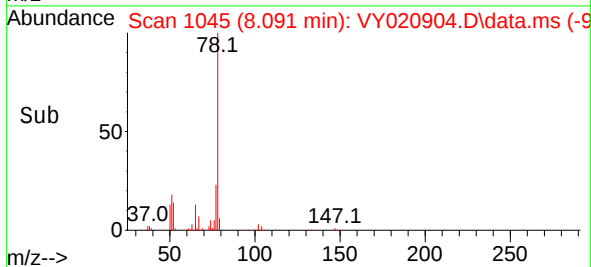
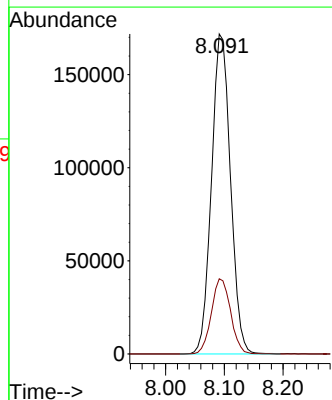
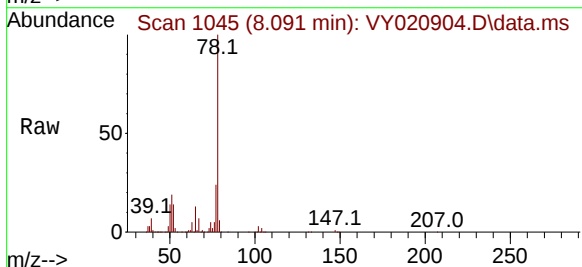
Acq: 22 Jan 2025 17:14

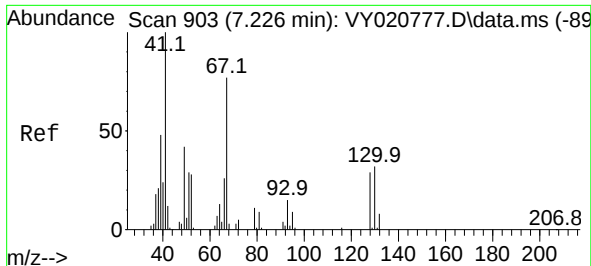
Tgt Ion: 78 Resp: 385890

Ion Ratio Lower Upper

78 100

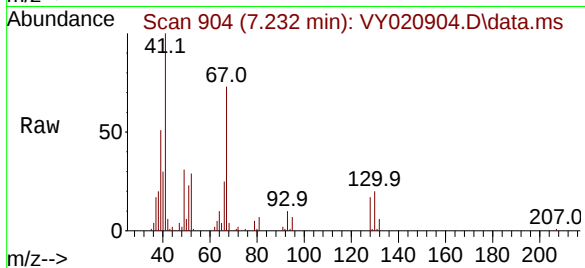
77 23.5 19.4 29.2



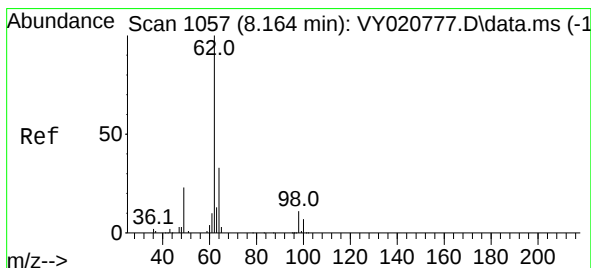
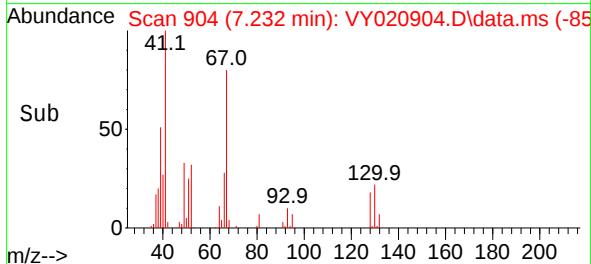
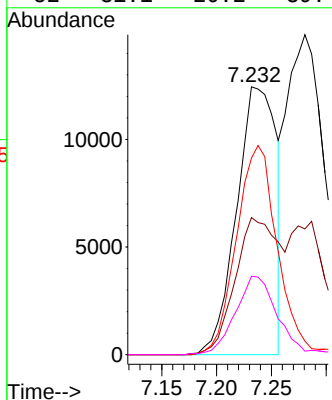


#41
Methacrylonitrile
Concen: 58.007 ug/l
RT: 7.232 min Scan# 903
Delta R.T. -0.024 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

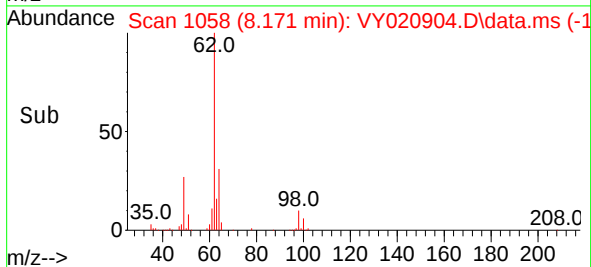
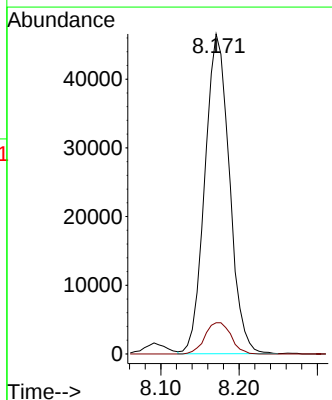
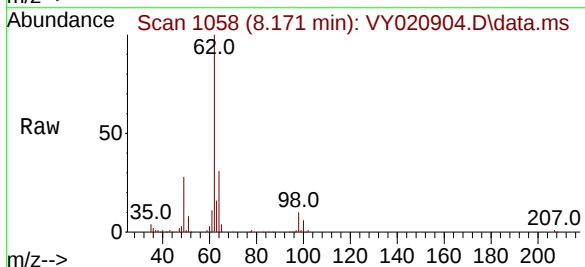


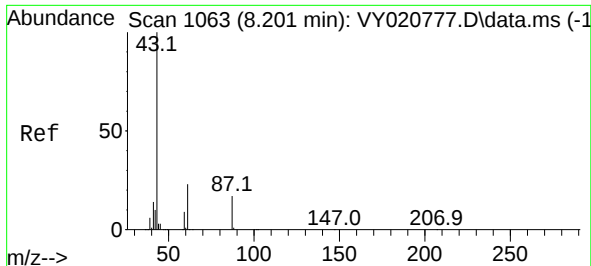
Tgt Ion: 41 Resp: 31312
Ion Ratio Lower Upper
41 100
39 57.9 42.4 63.6
67 81.1 67.8 101.8
52 31.1 26.2 39.4



#42
1,2-Dichloroethane
Concen: 51.058 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. -0.018 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 62 Resp: 101360
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.6





#43

Isopropyl Acetate

Concen: 55.073 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

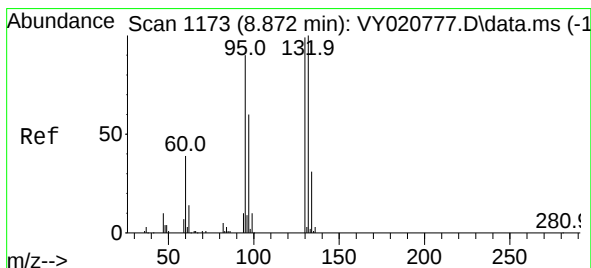
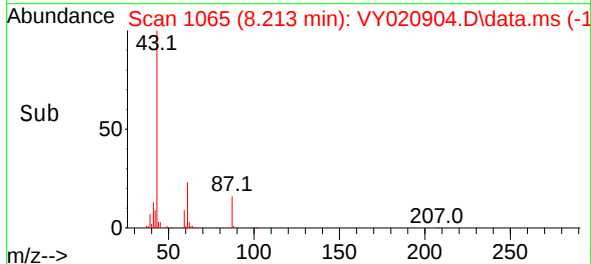
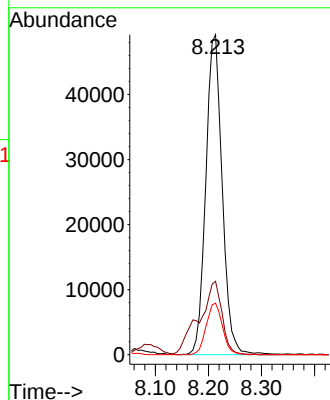
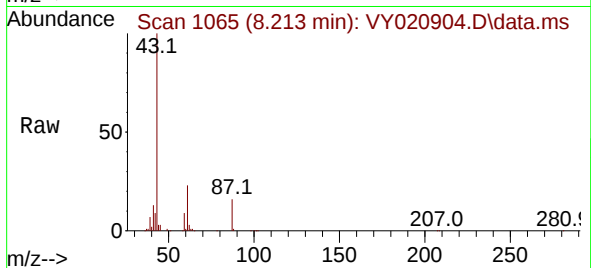
Tgt Ion: 43 Resp: 105583

Ion Ratio Lower Upper

43 100

61 32.2 26.5 39.7

87 16.0 13.4 20.0



#44

Trichloroethene

Concen: 51.721 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VY020904.D

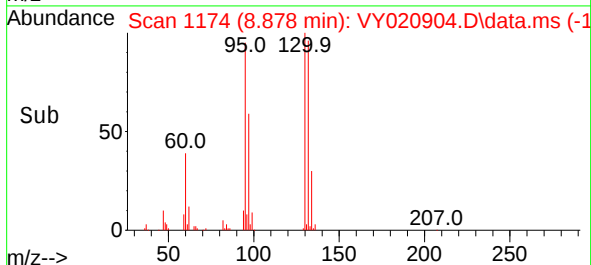
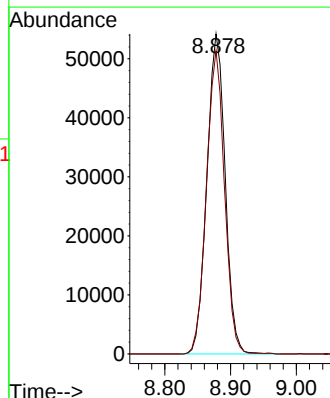
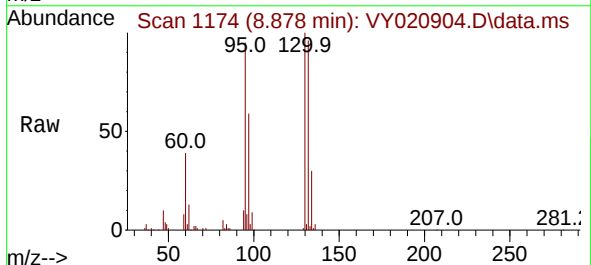
Acq: 22 Jan 2025 17:14

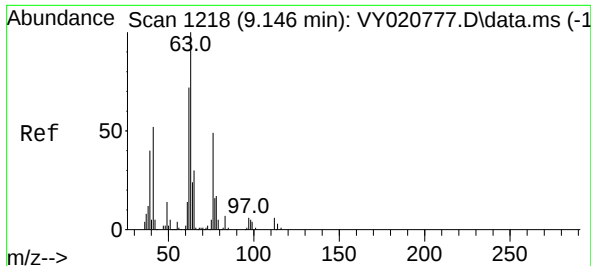
Tgt Ion:130 Resp: 104810

Ion Ratio Lower Upper

130 100

95 94.8 0.0 181.0





#45

1,2-Dichloropropane

Concen: 57.096 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

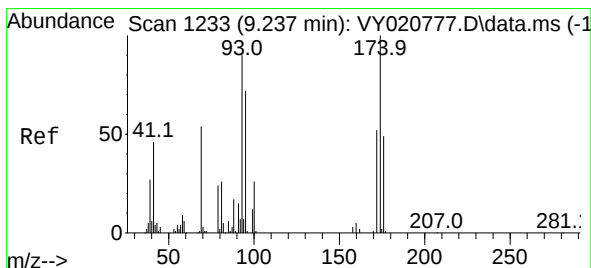
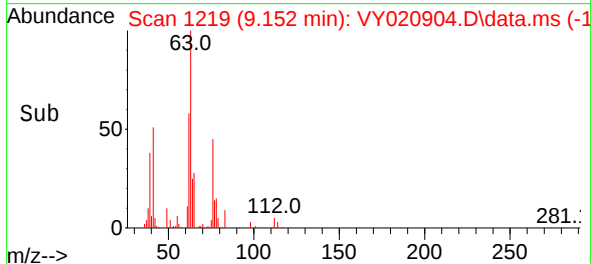
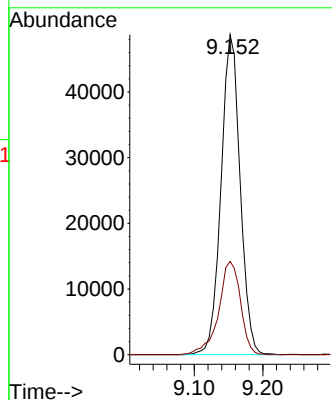
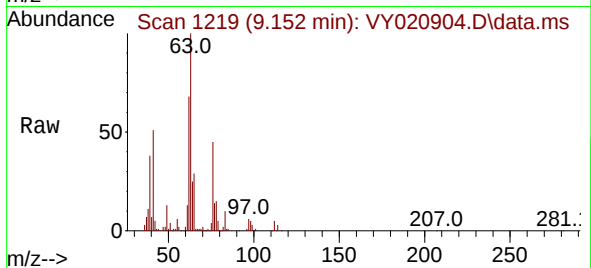
ClientSampleId :

Tgt Ion: 63 Resp: 94093

Ion Ratio Lower Upper

63 100

65 29.1 24.2 36.4



#46

Dibromomethane

Concen: 54.123 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

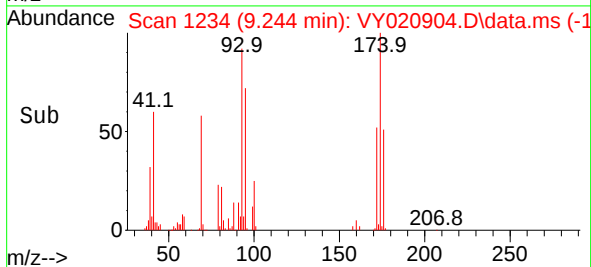
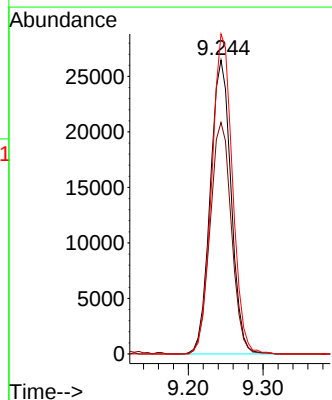
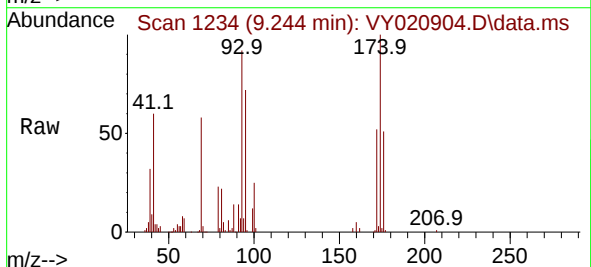
Tgt Ion: 93 Resp: 51218

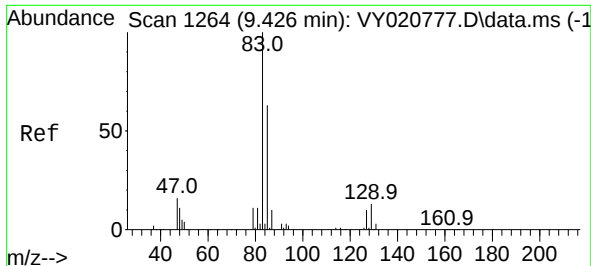
Ion Ratio Lower Upper

93 100

95 80.6 68.2 102.4

174 108.8 89.0 133.6





#47

Bromodichloromethane

Concen: 53.350 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. -0.018 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

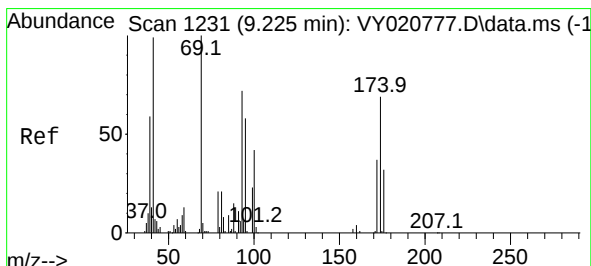
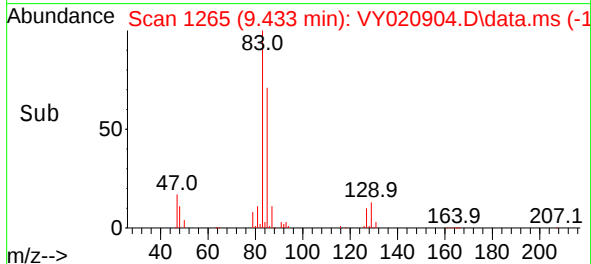
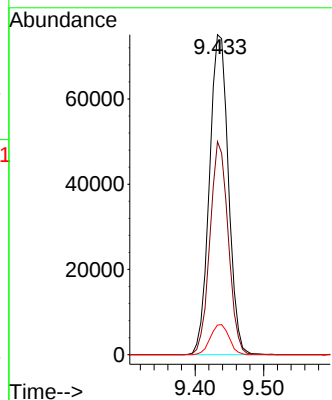
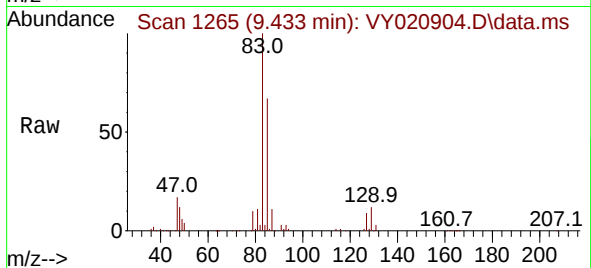
Tgt Ion: 83 Resp: 144590

Ion Ratio Lower Upper

83 100

85 66.6 50.7 76.1

127 9.2 7.9 11.9



#48

Methyl methacrylate

Concen: 55.157 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

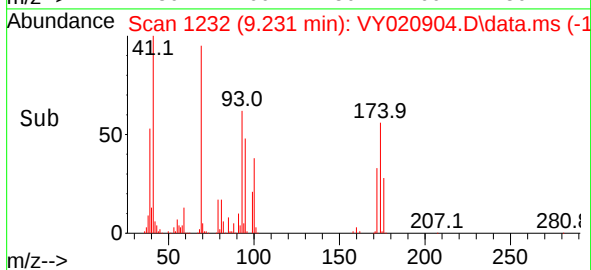
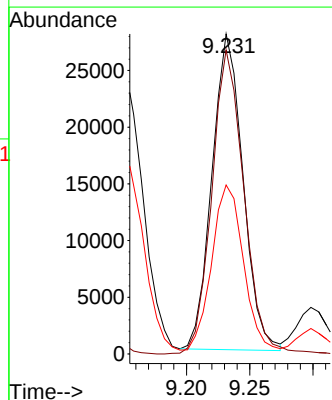
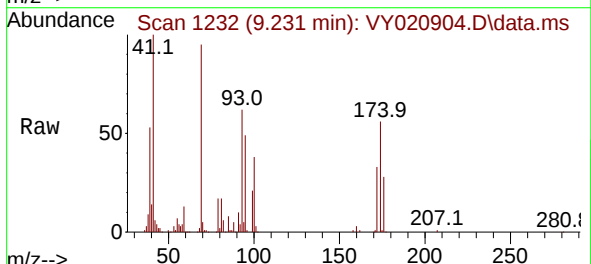
Tgt Ion: 41 Resp: 47406

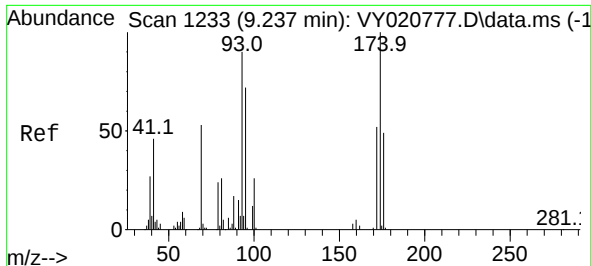
Ion Ratio Lower Upper

41 100

69 99.7 78.9 118.3

39 56.3 44.6 67.0





#49

1,4-Dioxane

Concen: 1049.908 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. -0.012 min

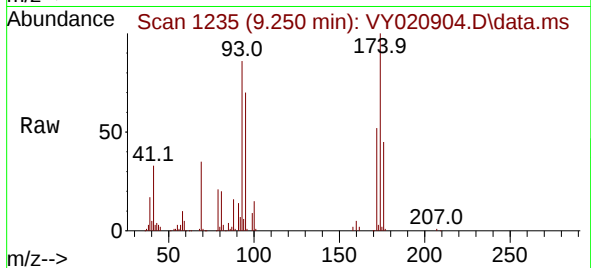
Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :



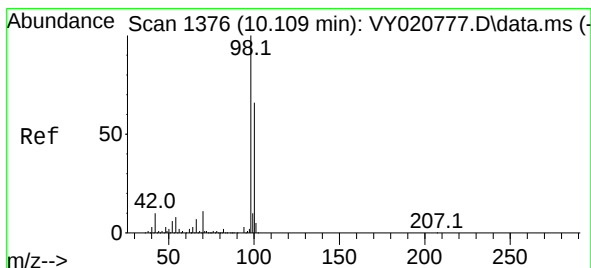
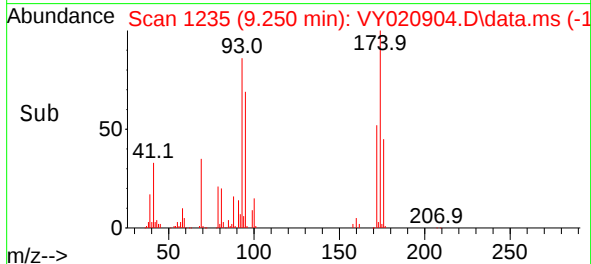
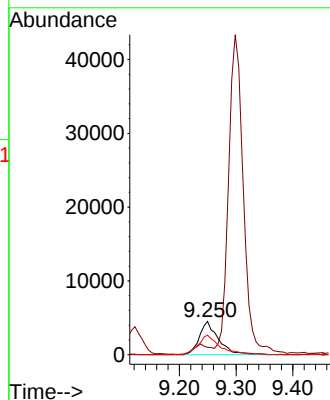
Tgt Ion: 88 Resp: 10549

Ion Ratio Lower Upper

88 100

43 28.4 24.4 36.6

58 67.0 51.0 76.6



#50

Toluene-d8

Concen: 56.999 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.018 min

Lab File: VY020904.D

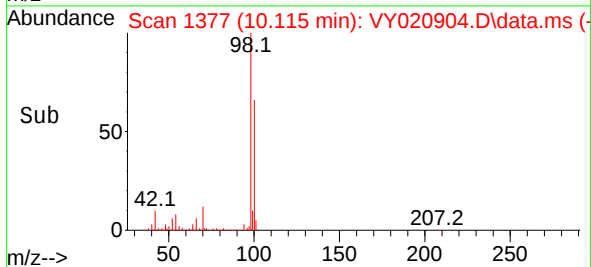
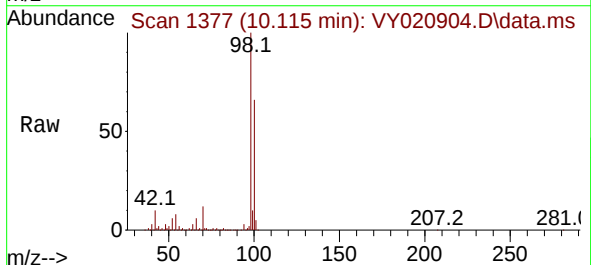
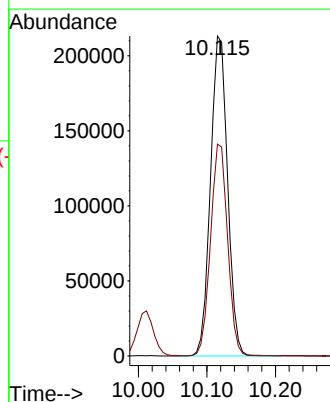
Acq: 22 Jan 2025 17:14

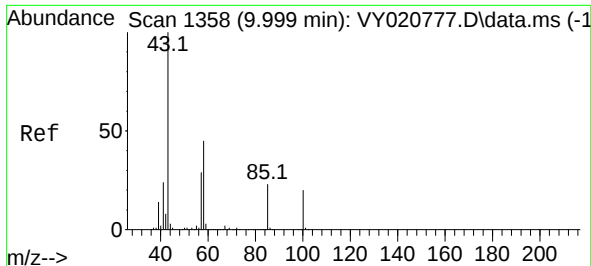
Tgt Ion: 98 Resp: 368978

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

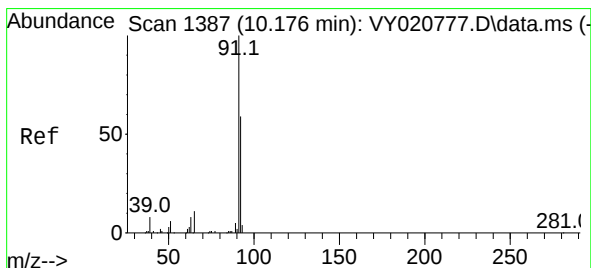
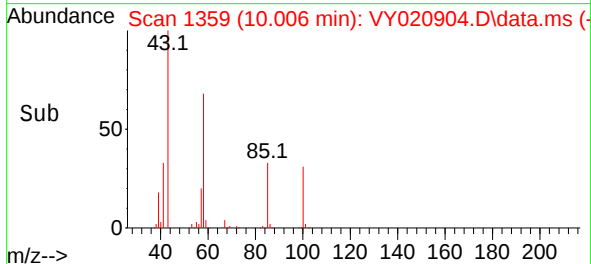
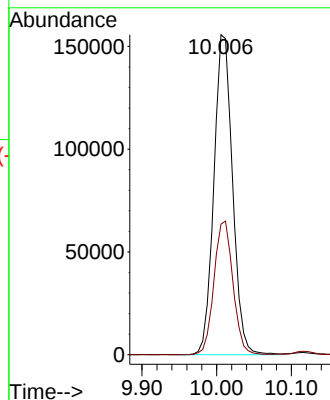
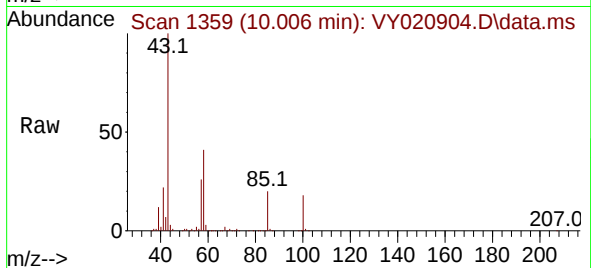




#51
4-Methyl-2-Pentanone
Concen: 282.489 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

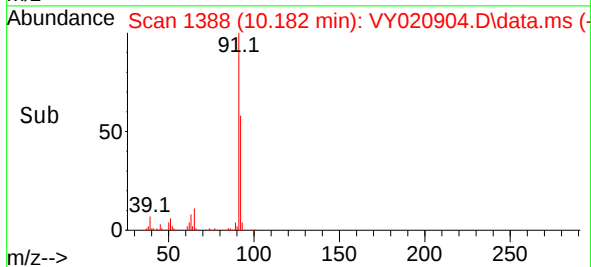
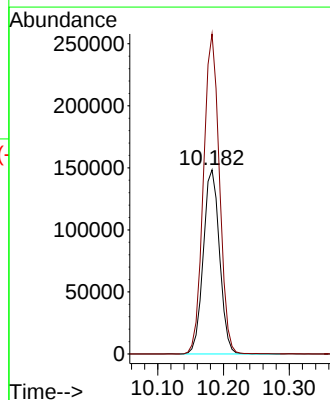
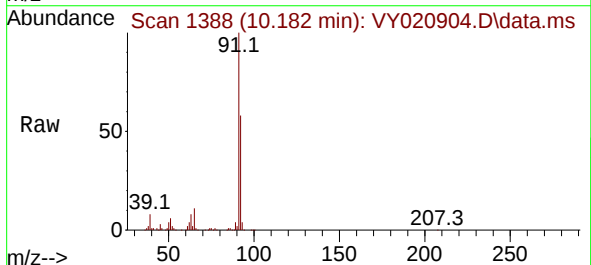
Instrument :
MSVOA_Y
ClientSampleId :

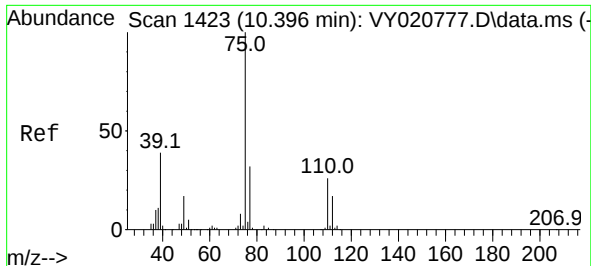
Tgt Ion: 43 Resp: 270561
Ion Ratio Lower Upper
43 100
58 42.4 34.8 52.2



#52
Toluene
Concen: 52.867 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 92 Resp: 254487
Ion Ratio Lower Upper
92 100
91 170.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 52.565 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

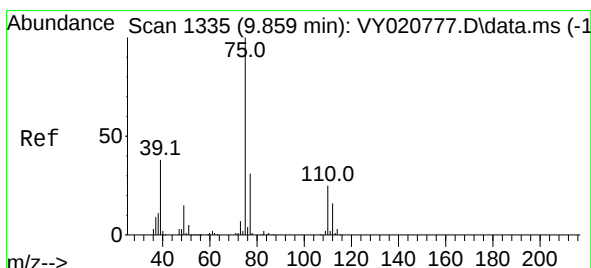
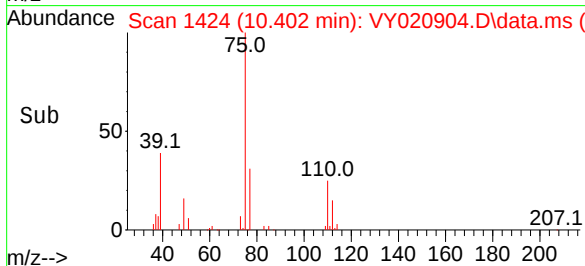
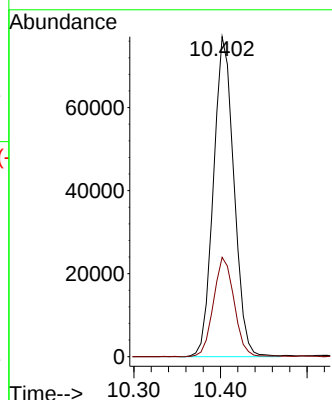
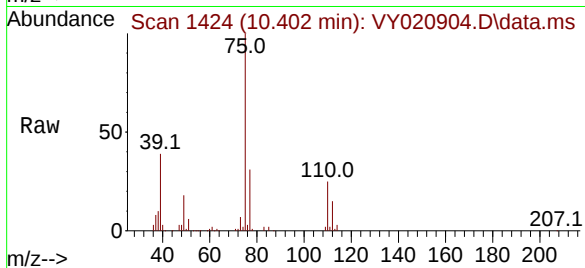
ClientSampleId :

Tgt Ion: 75 Resp: 126708

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.650 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

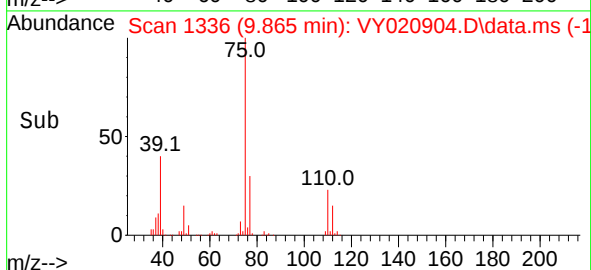
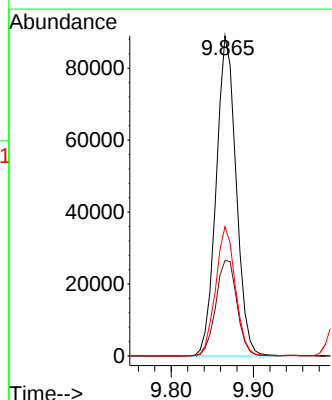
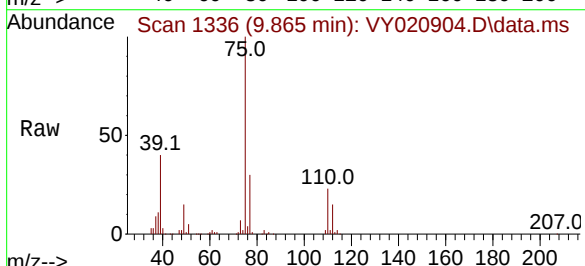
Tgt Ion: 75 Resp: 150193

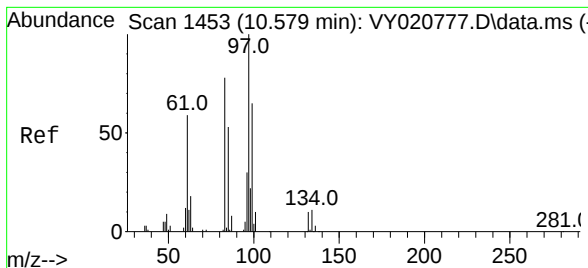
Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

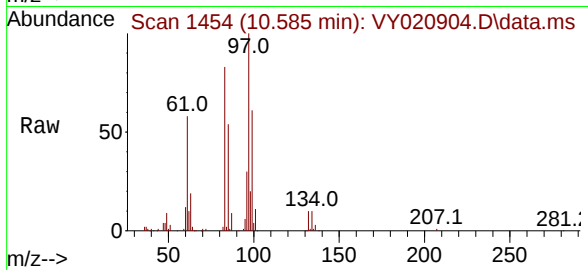
39 40.4 30.7 46.1



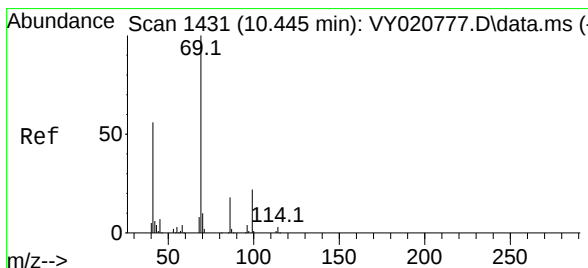
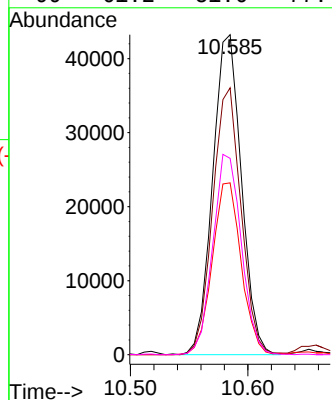
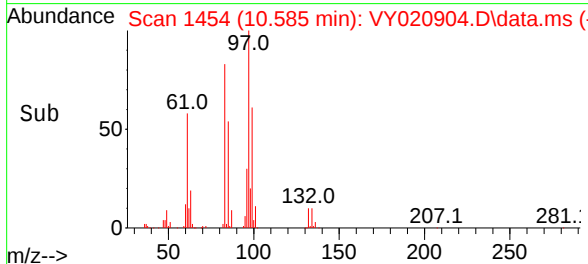


#55
1,1,2-Trichloroethane
Concen: 54.385 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

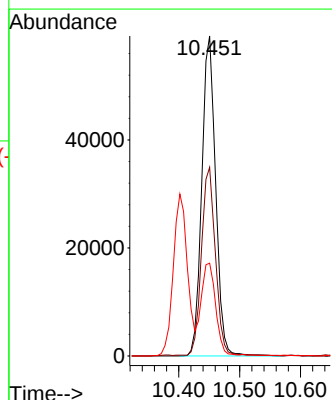
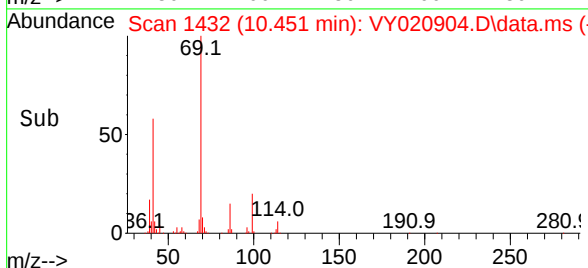
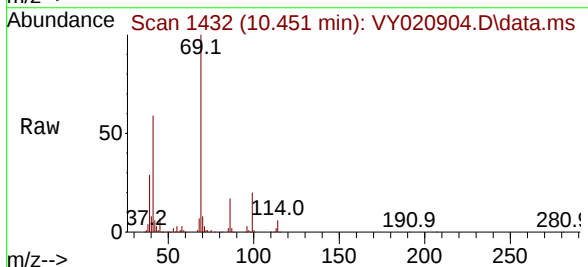


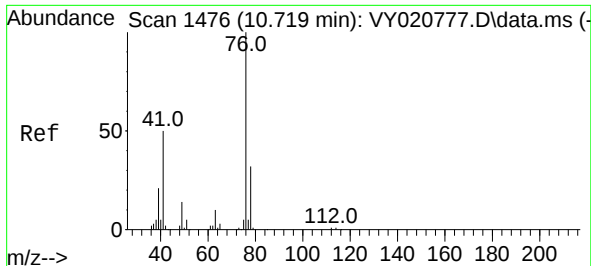
Tgt Ion: 97	Resp: 73526
Ion Ratio	Lower Upper
97 100	
83 83.4	62.8 94.2
85 53.6	42.4 63.6
99 61.2	51.6 77.4



#56
Ethyl methacrylate
Concen: 54.756 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 69	Resp: 93491
Ion Ratio	Lower Upper
69 100	
41 58.7	46.6 69.8
39 29.9	25.7 38.5





#57

1,3-Dichloropropane

Concen: 54.937 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

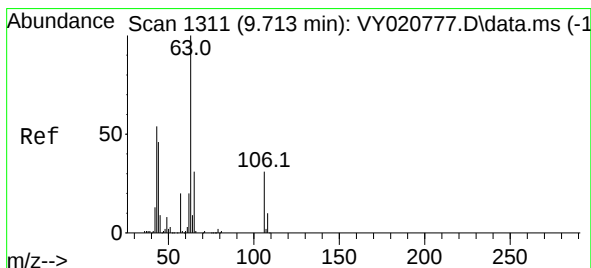
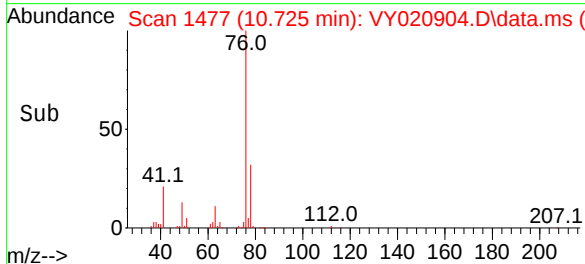
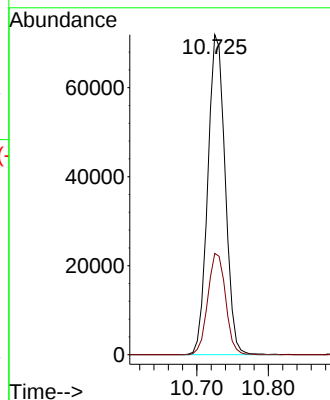
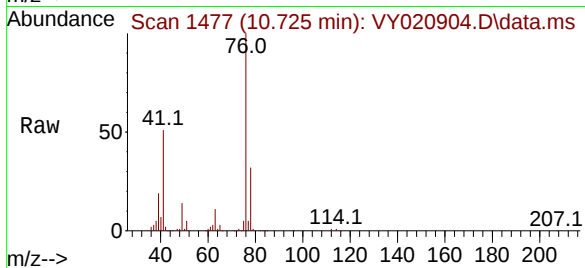
ClientSampleId :

Tgt Ion: 76 Resp: 121068

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.725 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VY020904.D

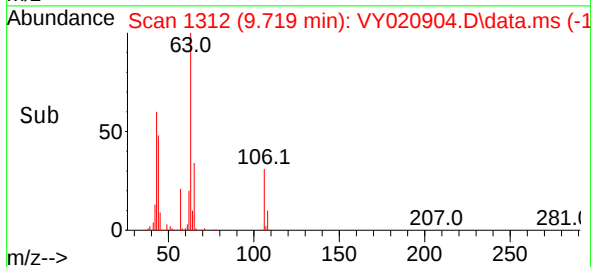
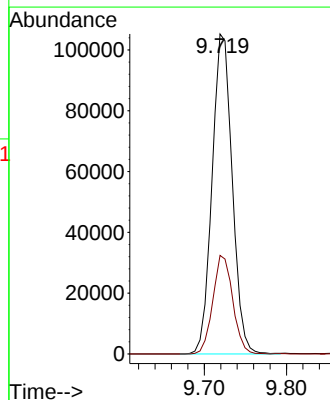
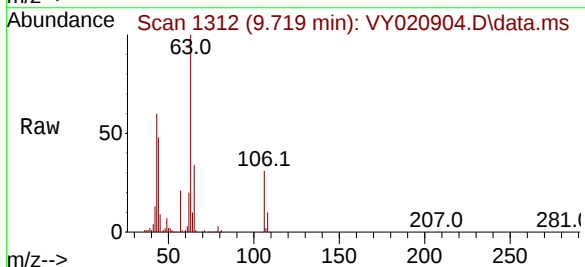
Acq: 22 Jan 2025 17:14

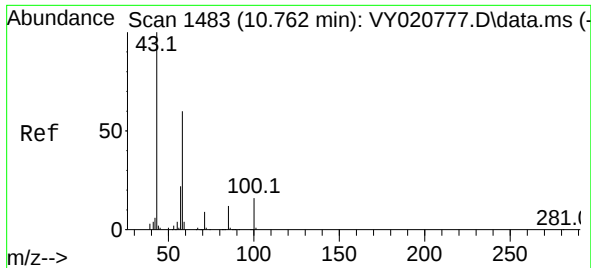
Tgt Ion: 63 Resp: 179310

Ion Ratio Lower Upper

63 100

106 30.4 25.9 38.9

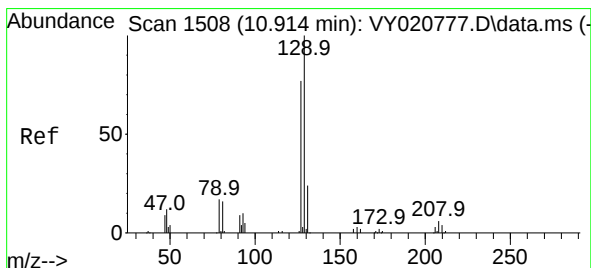
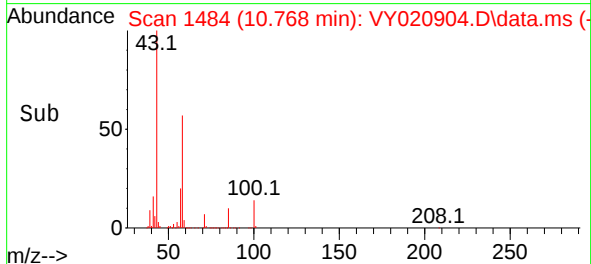
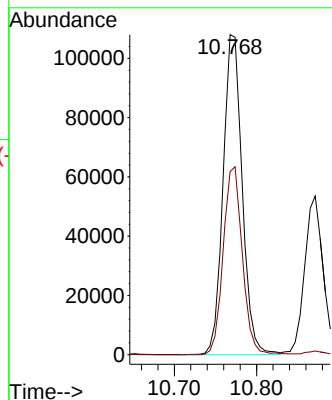
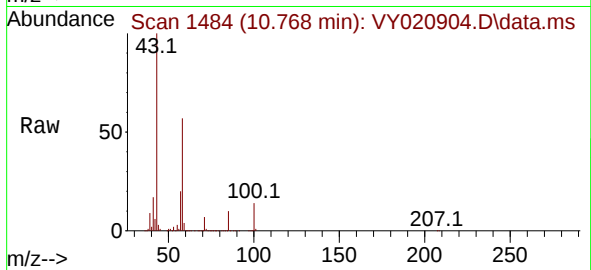




#59
2-Hexanone
Concen: 283.953 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

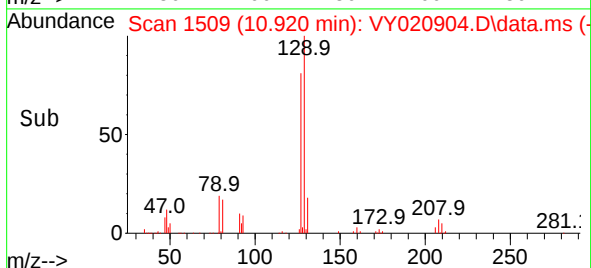
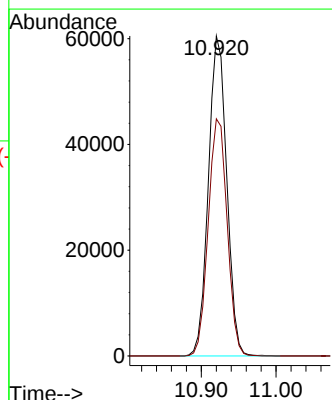
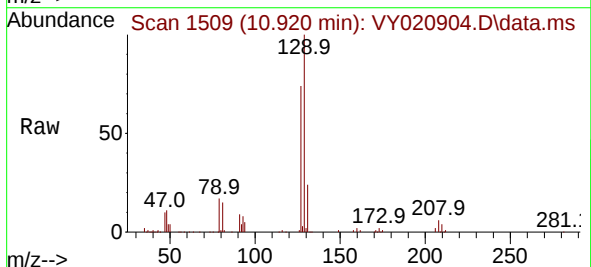
Instrument :
MSVOA_Y
ClientSampleId :

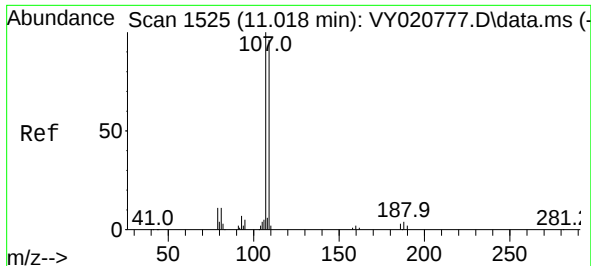
Tgt Ion: 43 Resp: 174477
Ion Ratio Lower Upper
43 100
58 58.8 30.6 92.0



#60
Dibromochloromethane
Concen: 52.539 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion:129 Resp: 103018
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9

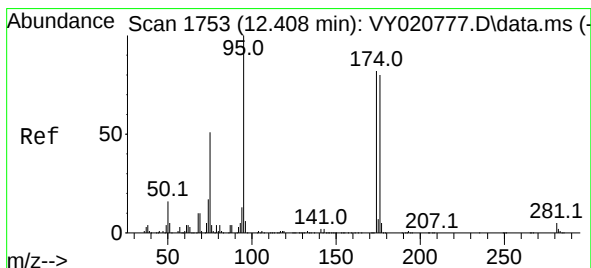
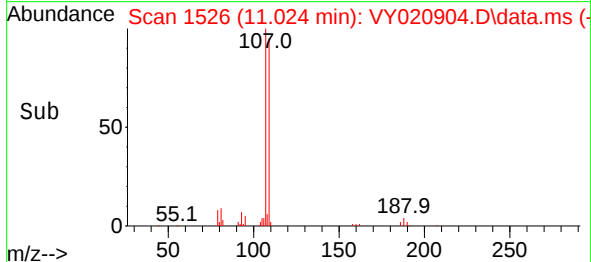
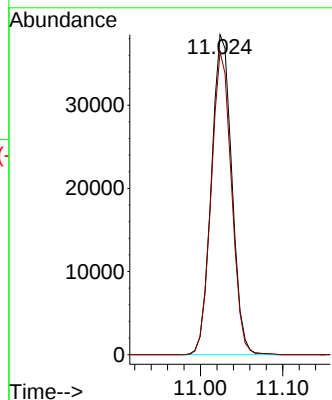
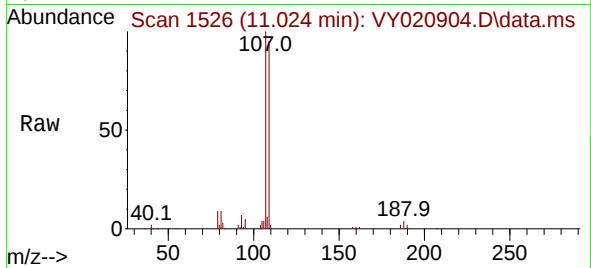




#61
1,2-Dibromoethane
Concen: 54.750 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

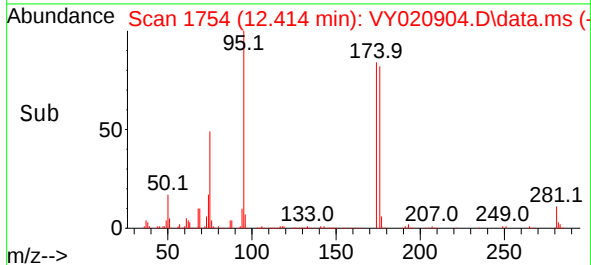
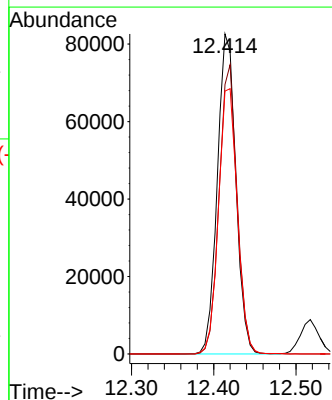
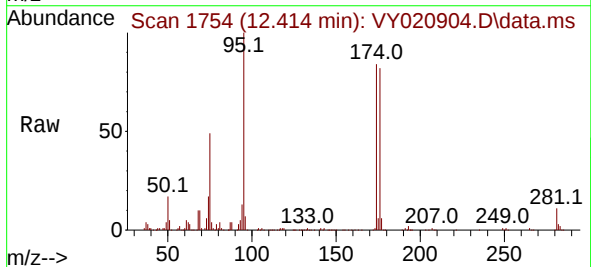
Instrument :
MSVOA_Y
ClientSampleId :

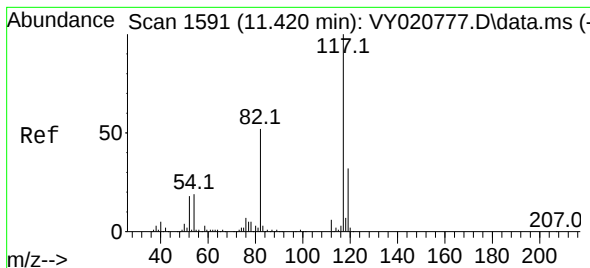
Tgt Ion:107 Resp: 66453
Ion Ratio Lower Upper
107 100
109 93.8 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.001 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 95 Resp: 129089
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.0
176 84.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.012 min

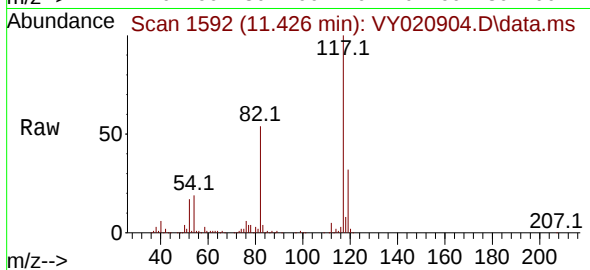
Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :



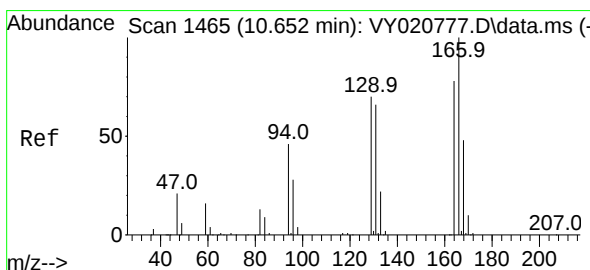
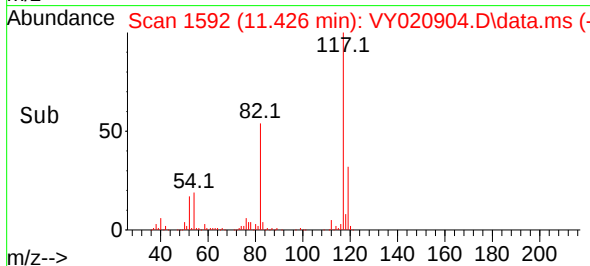
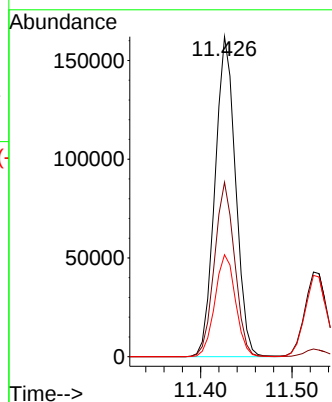
Tgt Ion:117 Resp: 253760

Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.6

119 31.8 25.8 38.8



#64

Tetrachloroethene

Concen: 48.528 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion:164 Resp: 90538

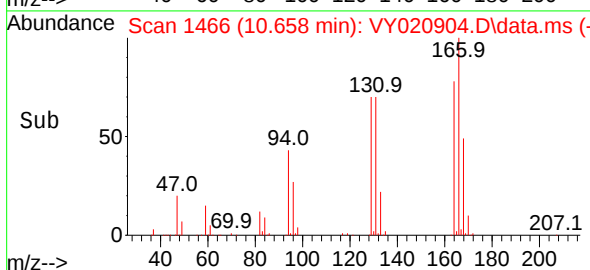
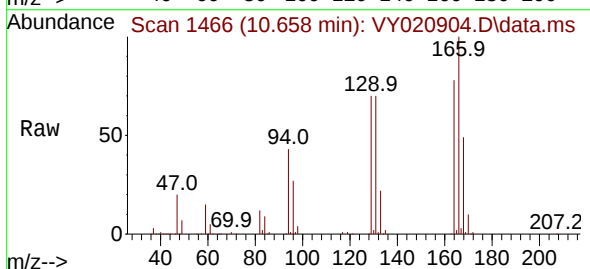
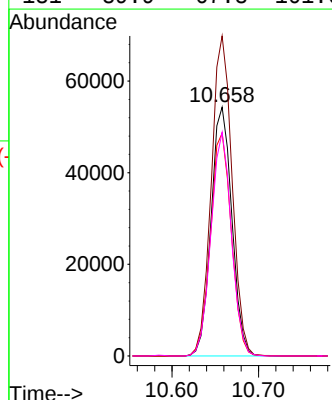
Ion Ratio Lower Upper

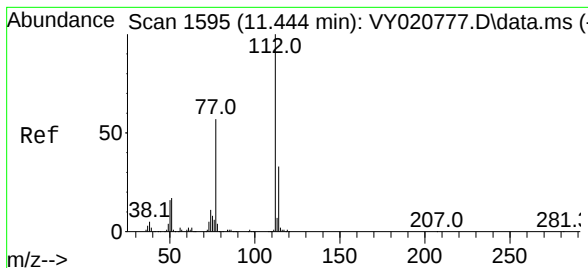
164 100

166 128.6 102.0 153.0

129 89.6 71.4 107.2

131 89.9 67.8 101.6

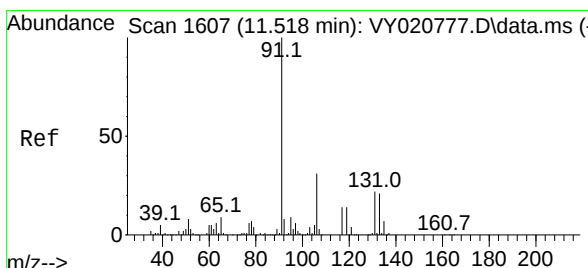
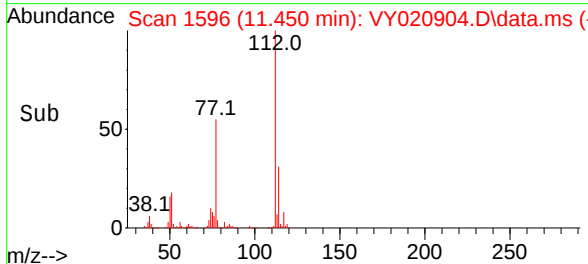
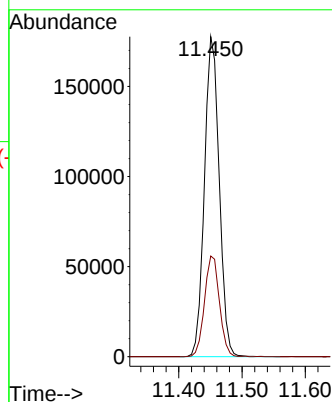
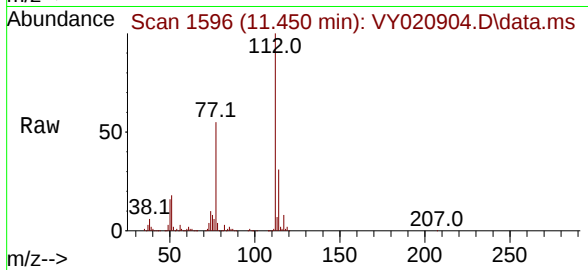




#65
Chlorobenzene
Concen: 51.567 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

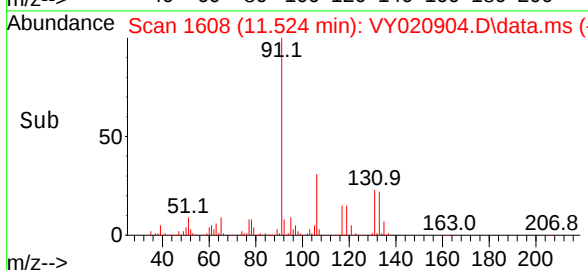
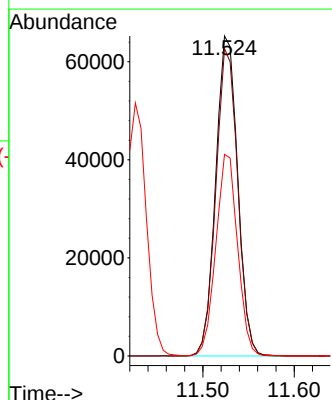
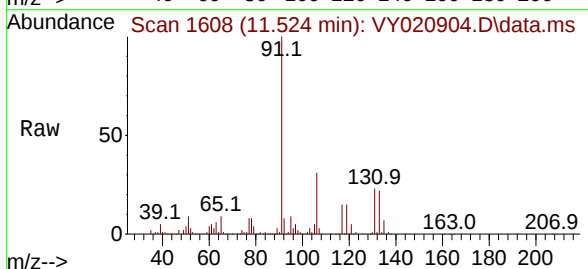
Instrument :
MSVOA_Y
ClientSampleId :

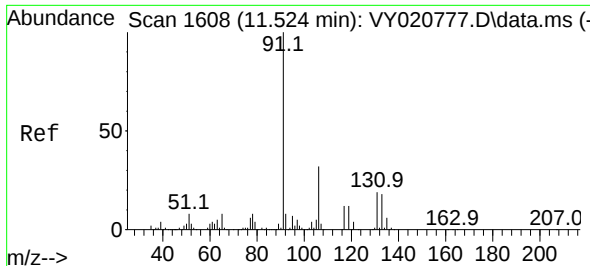
Tgt Ion:112 Resp: 289323
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.057 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion:131 Resp: 109053
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.8
119 62.5 30.2 90.6





#67

Ethyl Benzene

Concen: 51.237 ug/l

RT: 11.530 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

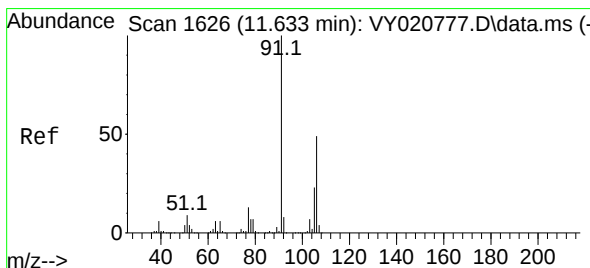
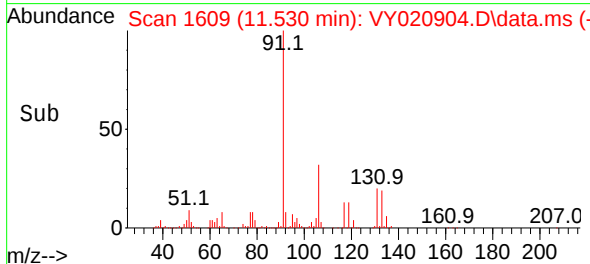
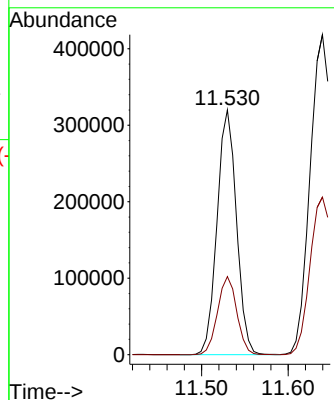
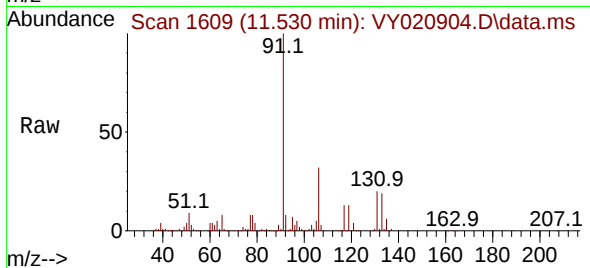
ClientSampleId :

Tgt Ion: 91 Resp: 497704

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 101.649 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. -0.012 min

Lab File: VY020904.D

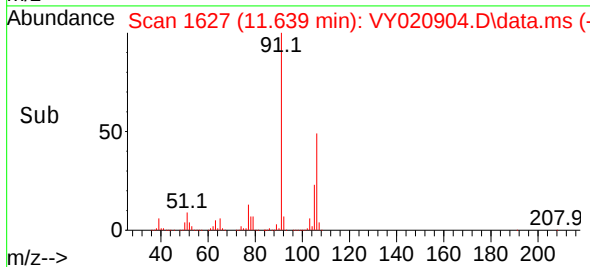
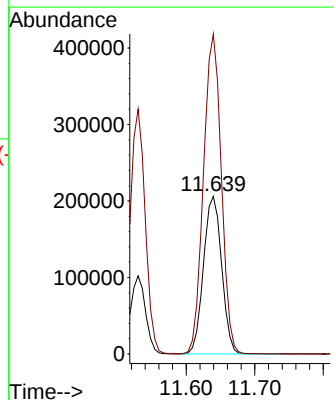
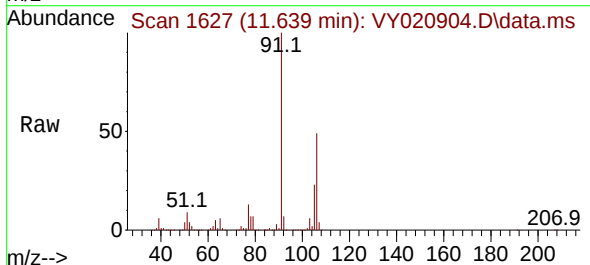
Acq: 22 Jan 2025 17:14

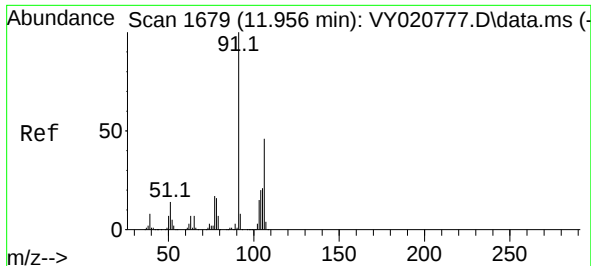
Tgt Ion:106 Resp: 380163

Ion Ratio Lower Upper

106 100

91 199.5 162.6 243.8





#69

o-Xylene

Concen: 51.035 ug/l

RT: 11.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

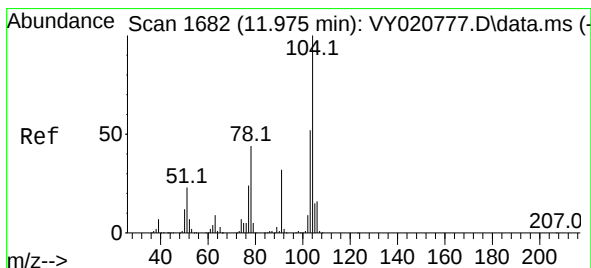
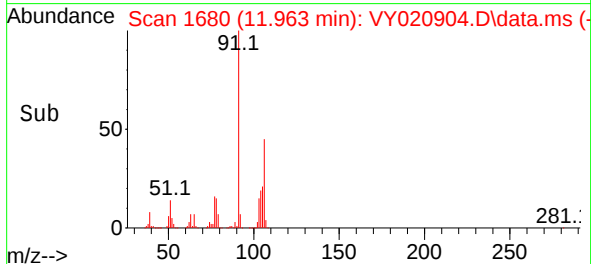
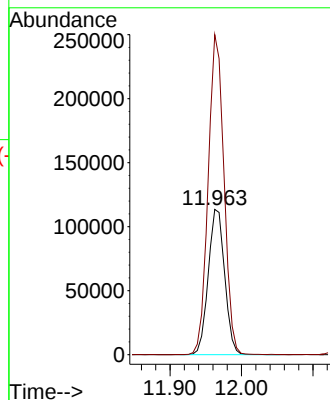
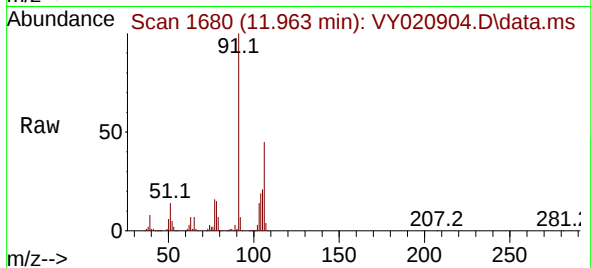
ClientSampleId :

Tgt Ion:106 Resp: 180972

Ion Ratio Lower Upper

106 100

91 212.4 108.2 324.6



#70

Styrene

Concen: 51.154 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

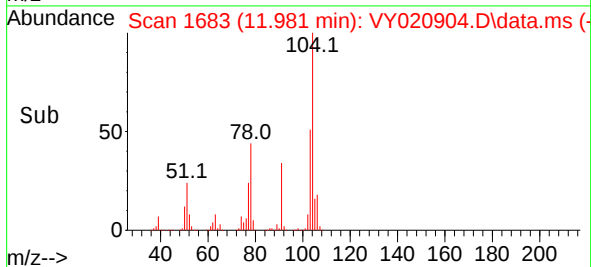
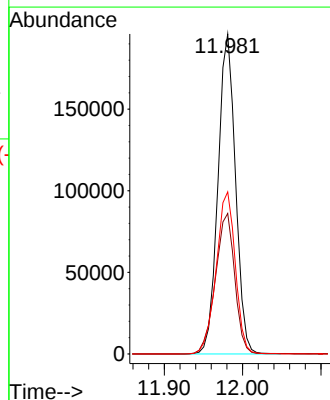
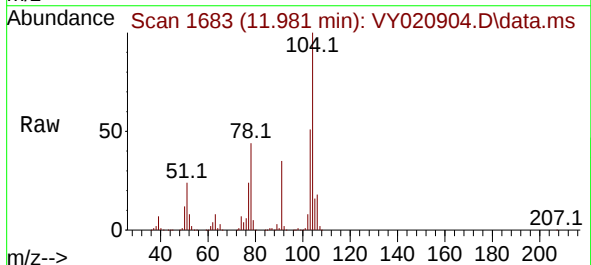
Tgt Ion:104 Resp: 305348

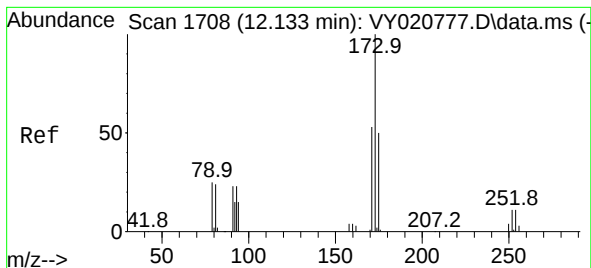
Ion Ratio Lower Upper

104 100

78 48.5 39.4 59.2

103 55.2 44.0 66.0





#71

Bromoform

Concen: 50.906 ug/l

RT: 12.145 min Scan# 1708

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

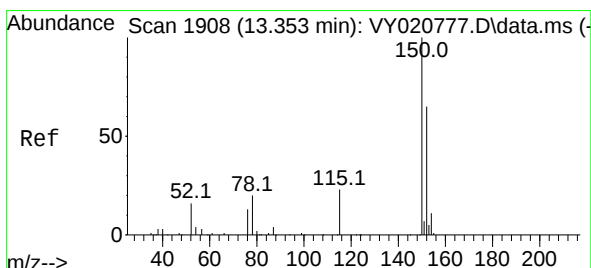
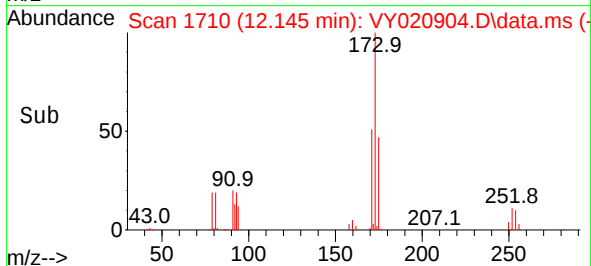
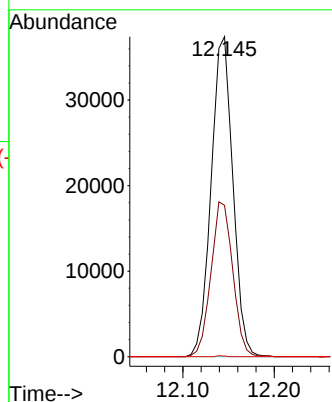
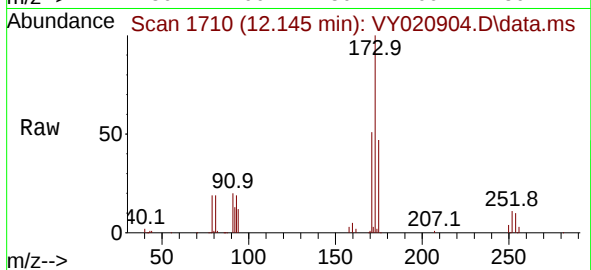
Tgt Ion:173 Resp: 61810

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

254 0.1 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: VY020904.D

Acq: 22 Jan 2025 17:14

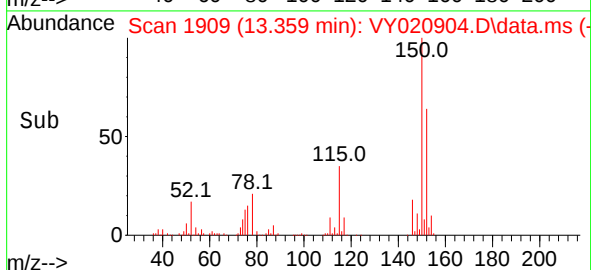
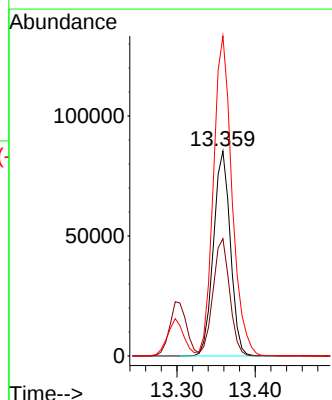
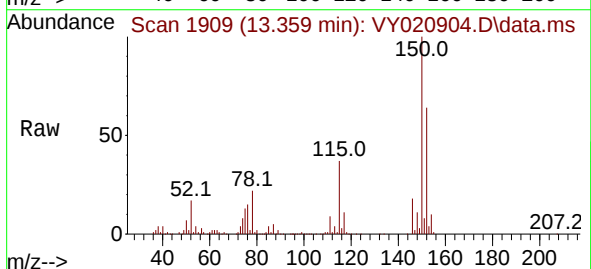
Tgt Ion:152 Resp: 127578

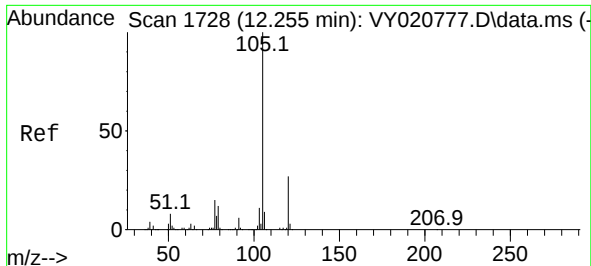
Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 172.0 0.0 347.4

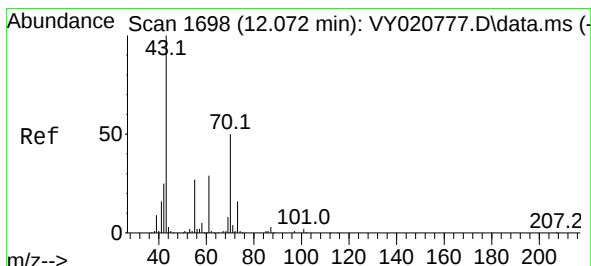
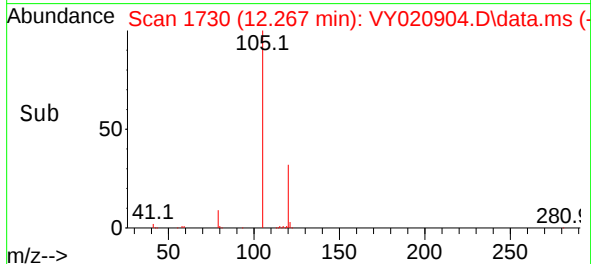
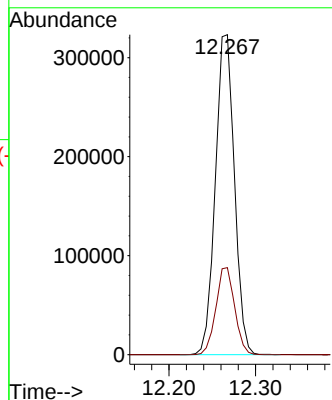
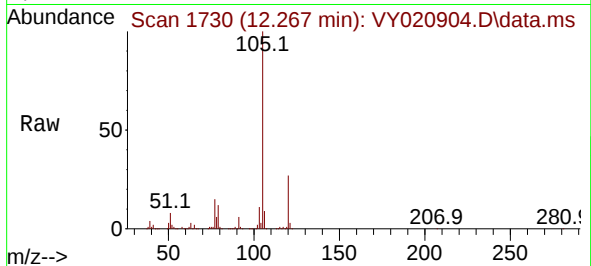




#73
Isopropylbenzene
Concen: 48.783 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

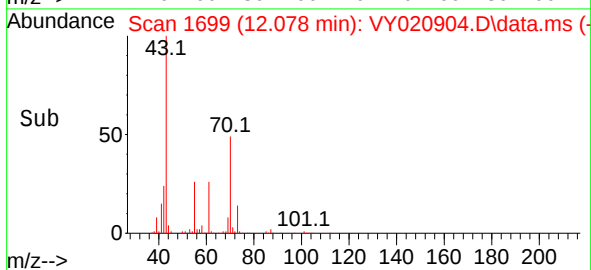
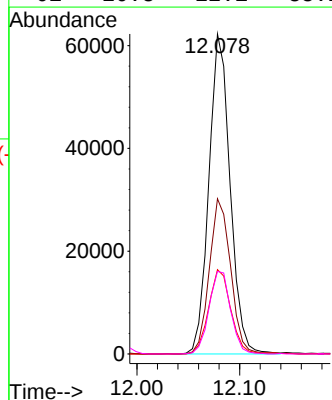
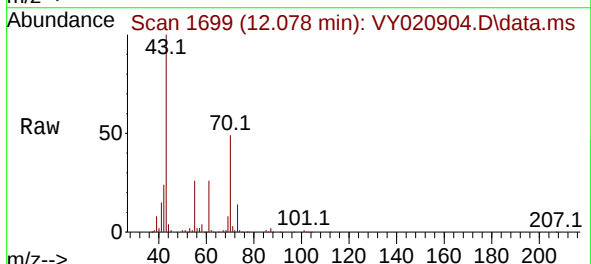
Instrument :
MSVOA_Y
ClientSampleId :

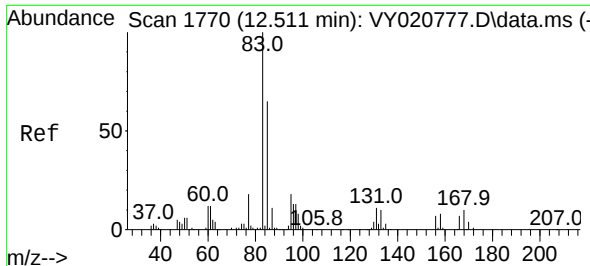
Tgt Ion:105 Resp: 493732
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 53.936 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 43 Resp: 89293
Ion Ratio Lower Upper
43 100
70 48.7 40.2 60.4
55 27.6 21.2 31.8
61 26.3 22.1 33.1

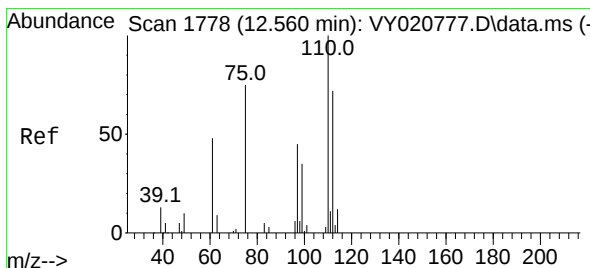
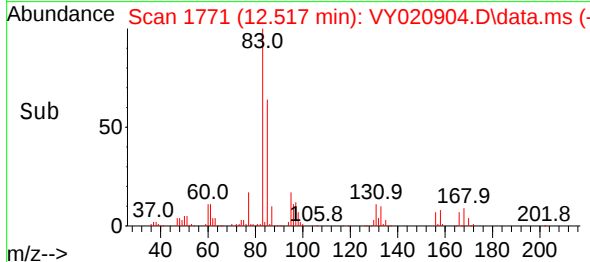
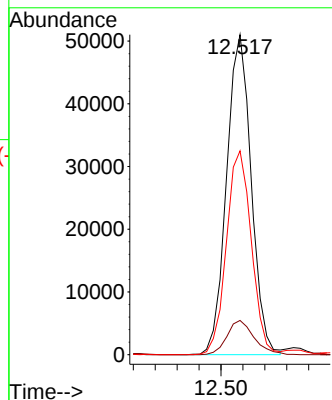
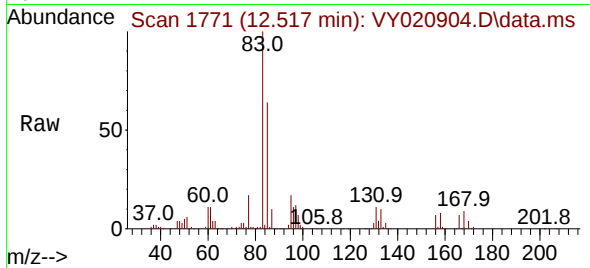




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.944 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. -0.012 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

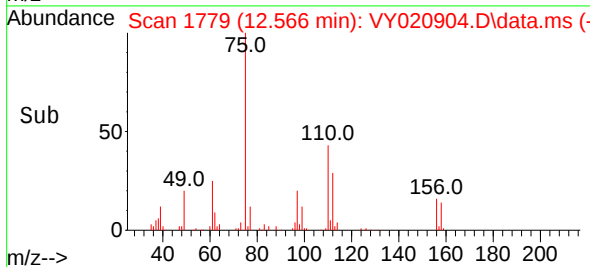
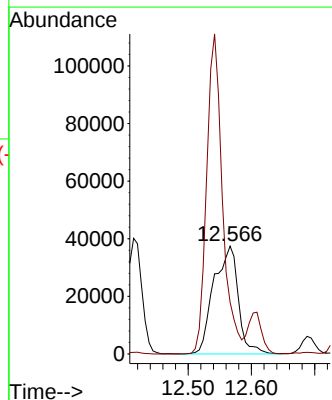
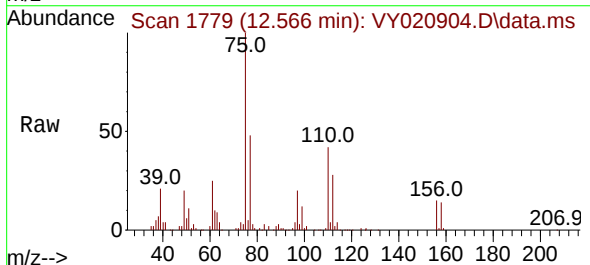
Instrument :
 MSVOA_Y
 ClientSampleId :

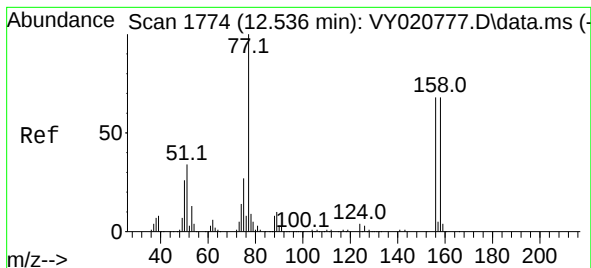
Tgt Ion: 83 Resp: 79681
 Ion Ratio Lower Upper
 83 100
 131 11.7 6.0 18.0
 85 64.5 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 90.041 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. -0.012 min
 Lab File: VY020904.D
 Acq: 22 Jan 2025 17:14

Tgt Ion: 75 Resp: 100511
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.214 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

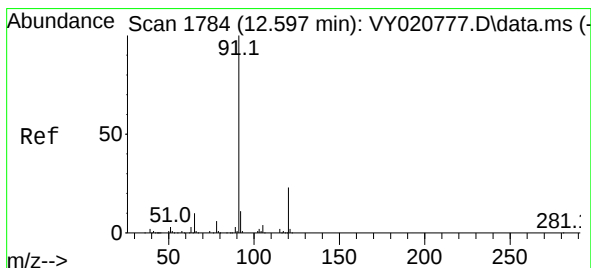
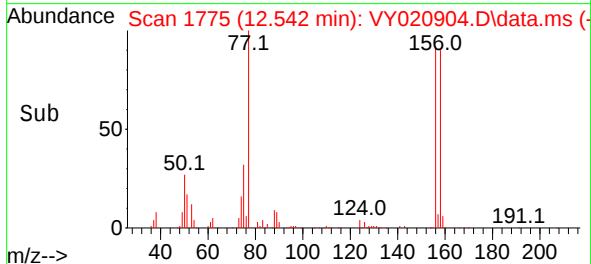
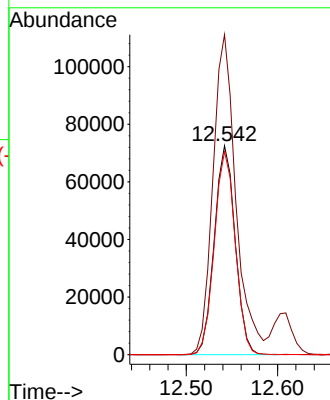
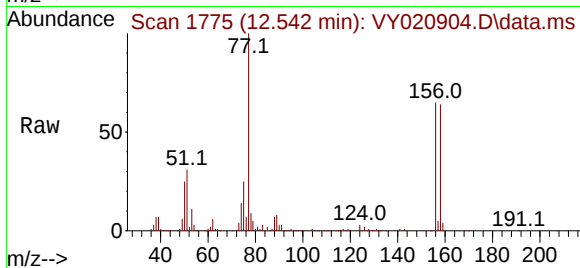
Tgt Ion:156 Resp: 114839

Ion Ratio Lower Upper

156 100

77 168.8 82.3 247.0

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 49.596 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.012 min

Lab File: VY020904.D

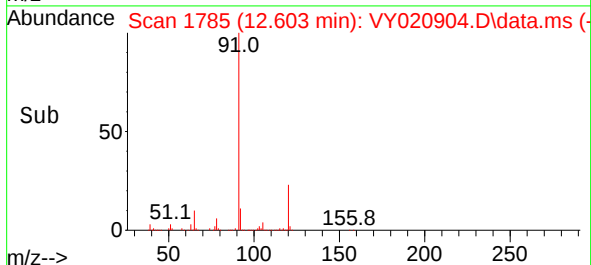
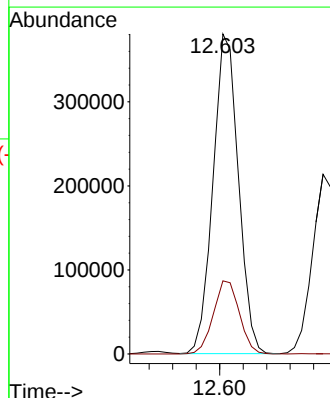
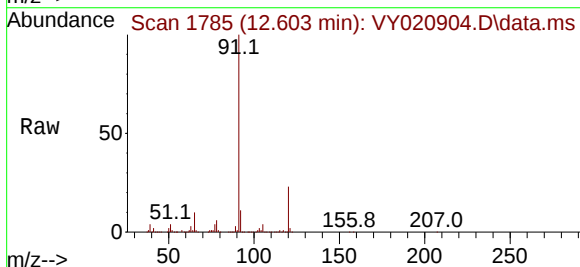
Acq: 22 Jan 2025 17:14

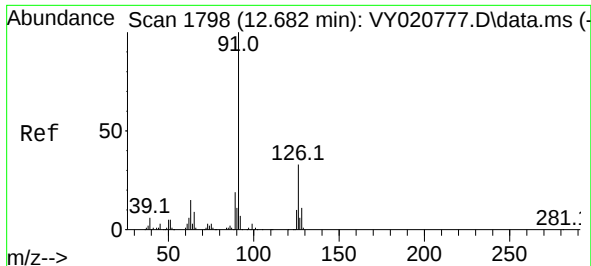
Tgt Ion: 91 Resp: 569754

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1





#79

2-Chlorotoluene

Concen: 49.633 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

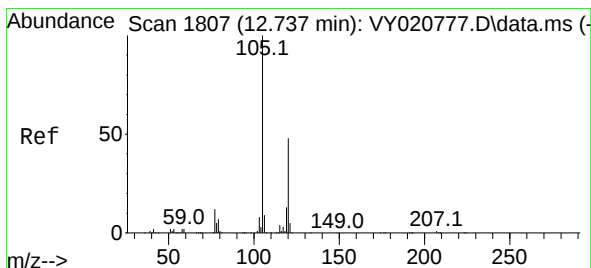
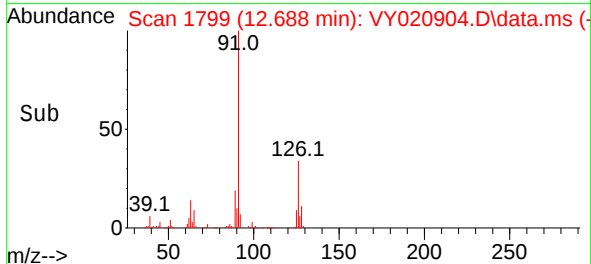
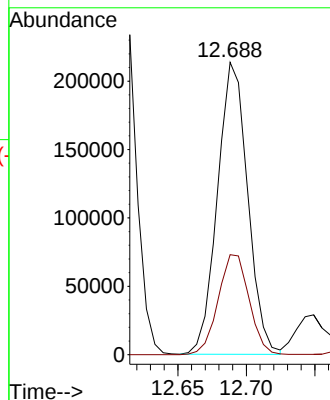
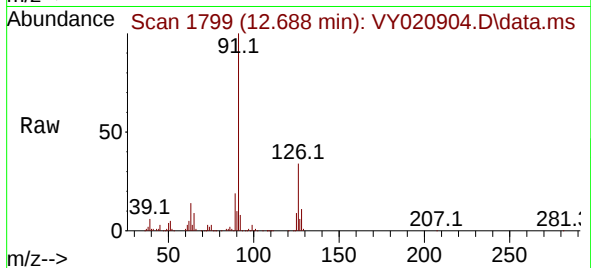
ClientSampleId :

Tgt Ion: 91 Resp: 328346

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 48.816 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VY020904.D

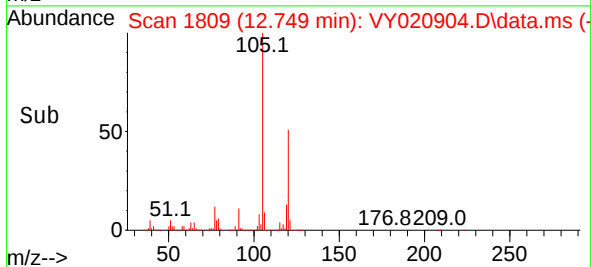
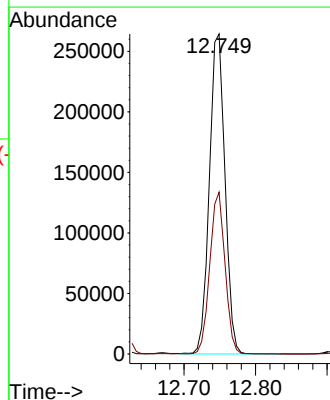
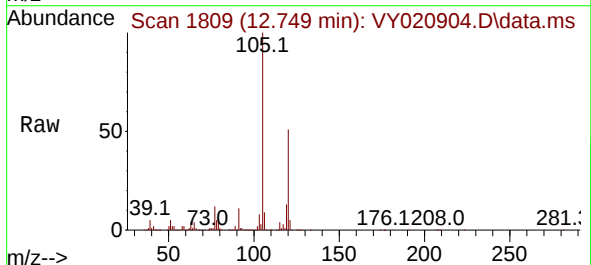
Acq: 22 Jan 2025 17:14

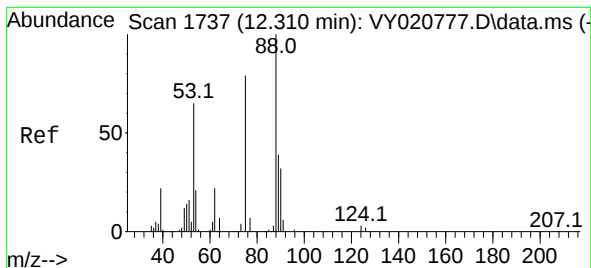
Tgt Ion:105 Resp: 400402

Ion Ratio Lower Upper

105 100

120 49.4 24.5 73.5

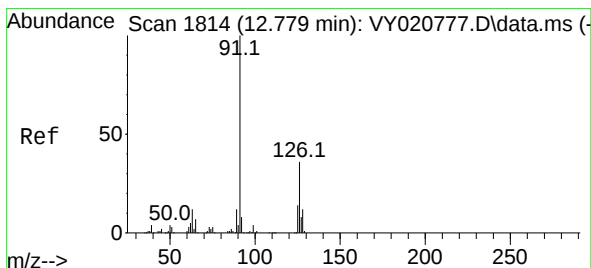
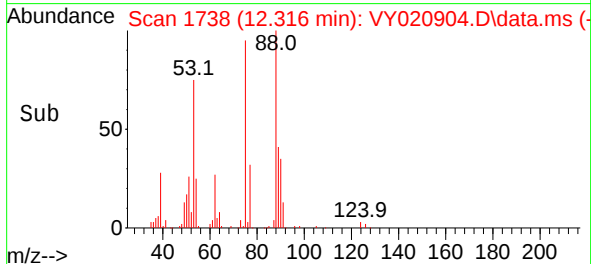
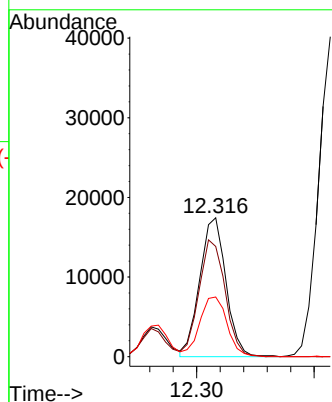
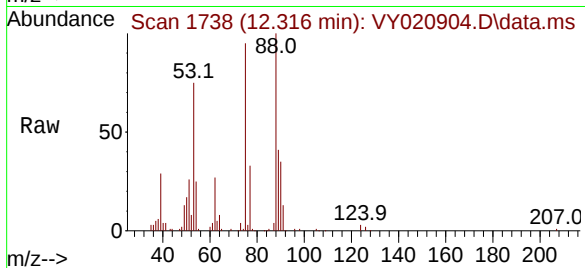




#81
trans-1,4-Dichloro-2-butene
Concen: 51.091 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

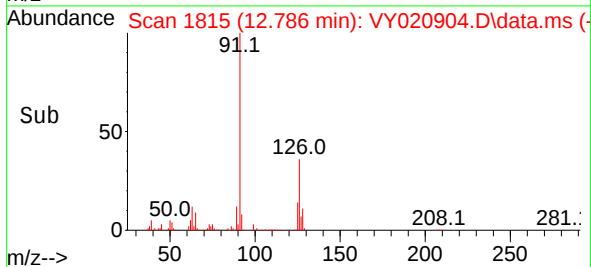
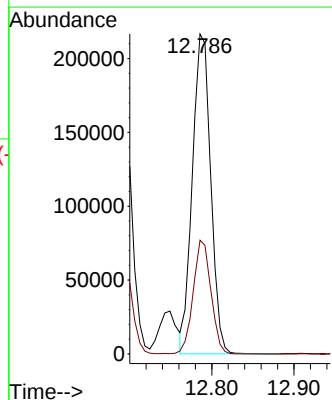
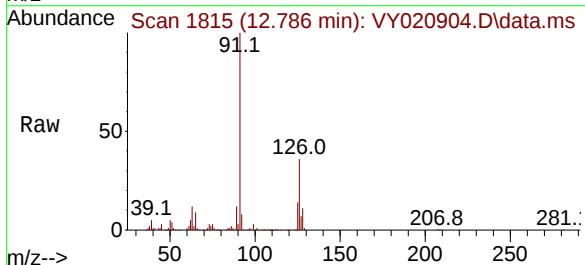
Instrument :
MSVOA_Y
ClientSampleId :

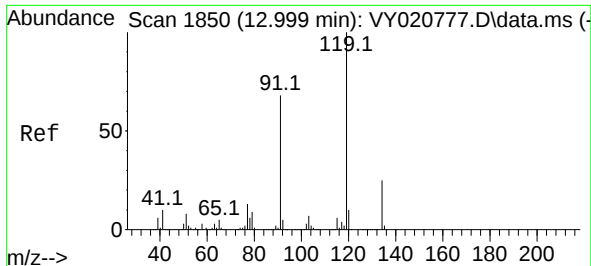
Tgt Ion: 75 Resp: 27048
Ion Ratio Lower Upper
75 100
53 84.2 69.4 104.0
89 44.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.046 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 91 Resp: 334842
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7





#83

tert-Butylbenzene

Concen: 47.829 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

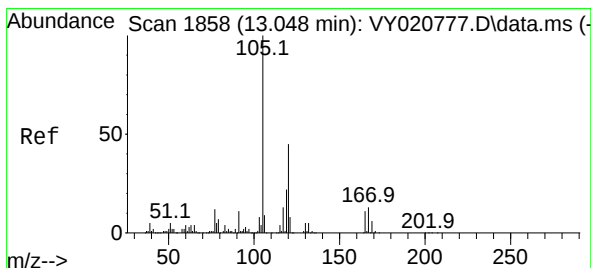
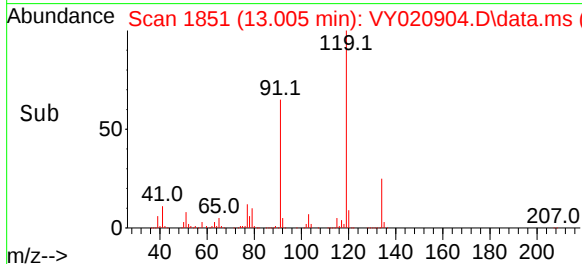
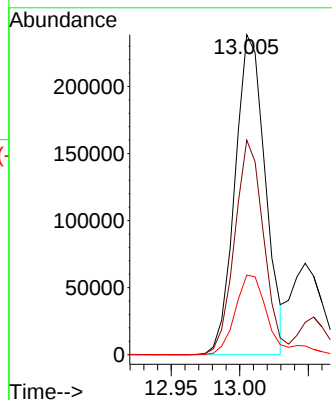
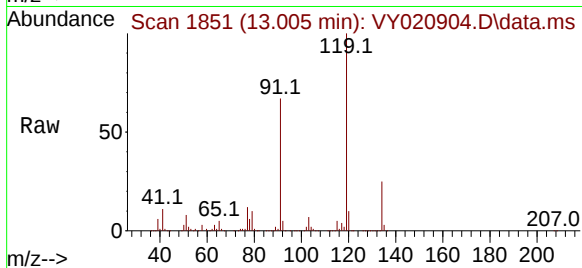
Tgt Ion:119 Resp: 366922

Ion Ratio Lower Upper

119 100

91 64.5 33.0 98.9

134 27.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 48.948 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. -0.012 min

Lab File: VY020904.D

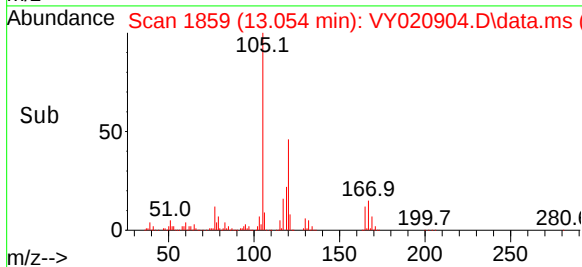
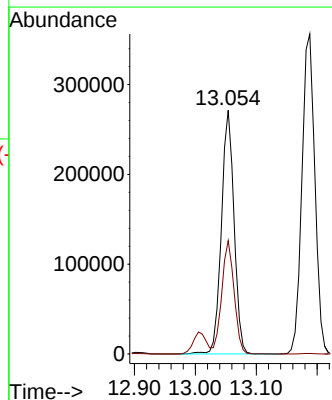
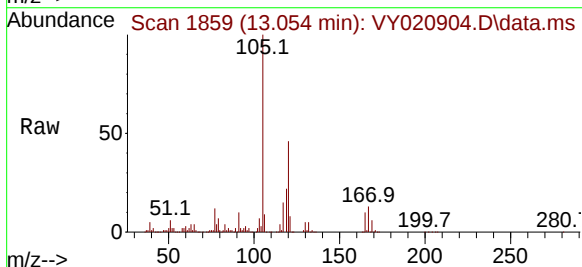
Acq: 22 Jan 2025 17:14

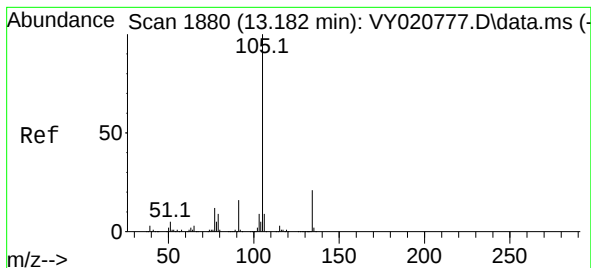
Tgt Ion:105 Resp: 392060

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.963 ug/l

RT: 13.188 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

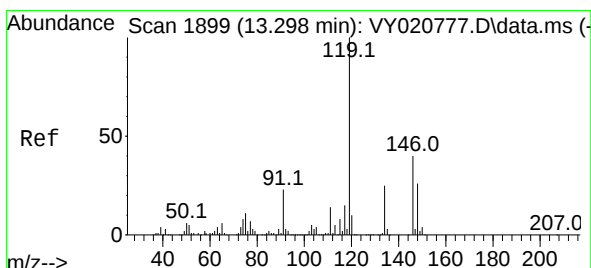
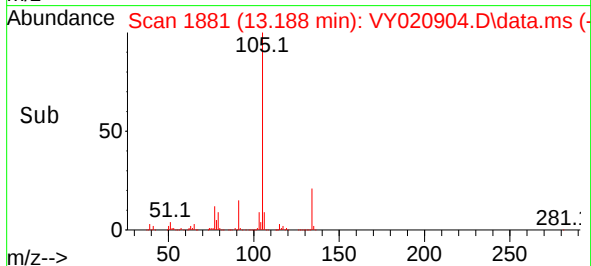
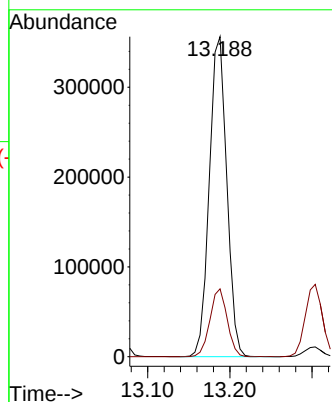
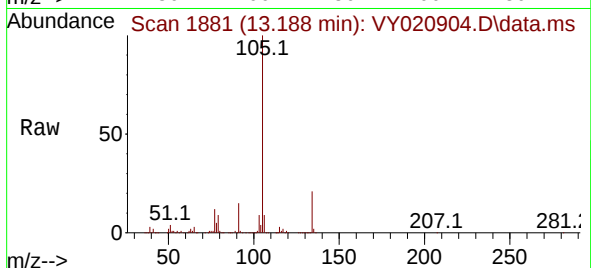
ClientSampleId :

Tgt Ion:105 Resp: 524662

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 47.986 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

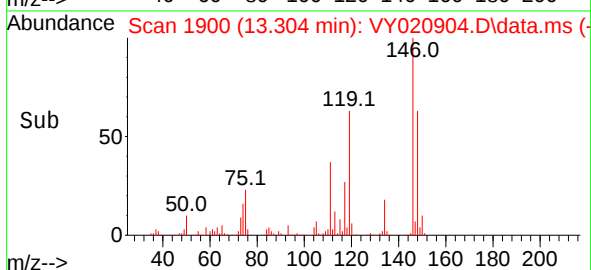
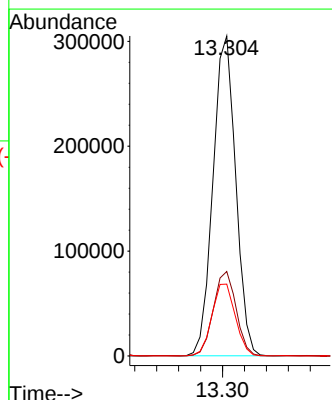
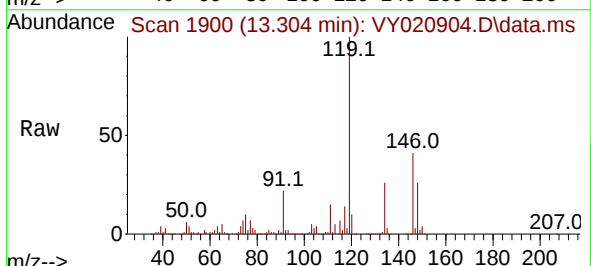
Tgt Ion:119 Resp: 438644

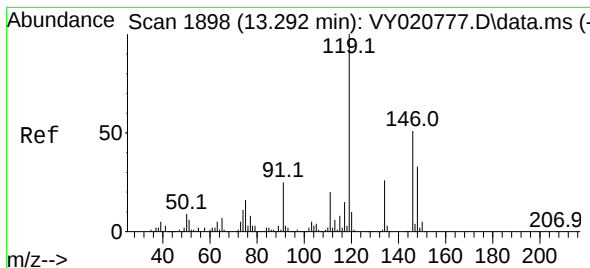
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.856 ug/l

RT: 13.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

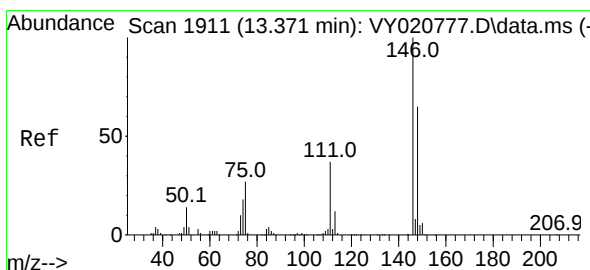
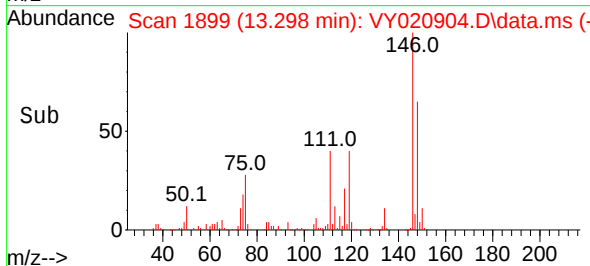
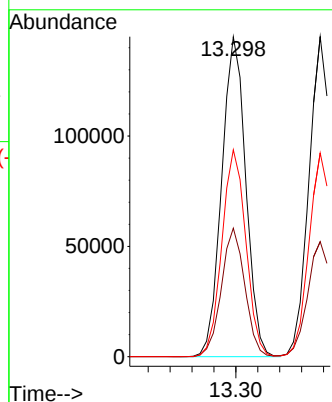
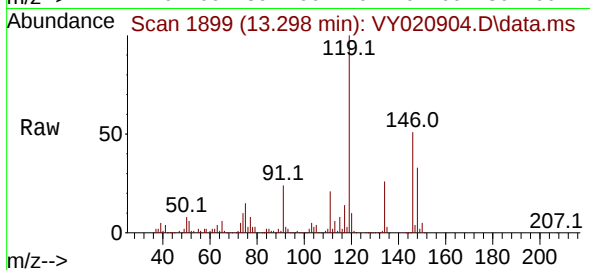
Tgt Ion:146 Resp: 221513

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 64.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.465 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

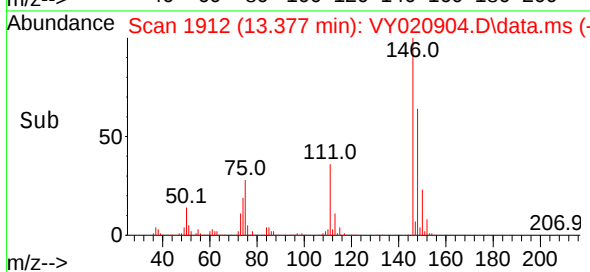
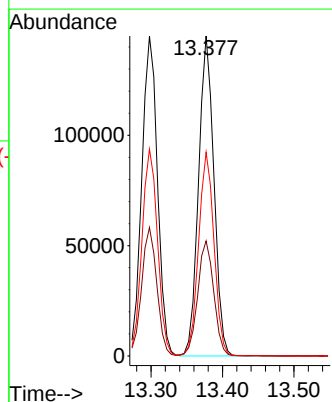
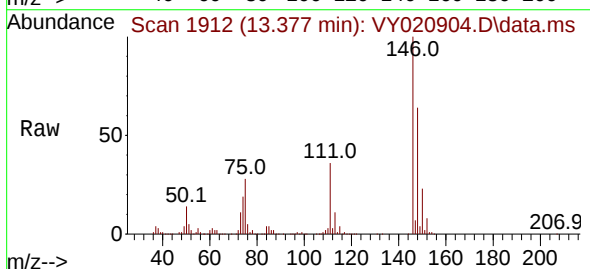
Tgt Ion:146 Resp: 216302

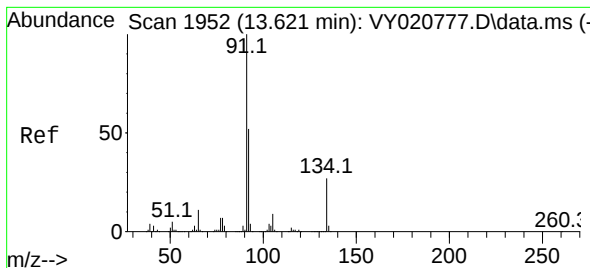
Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.596 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

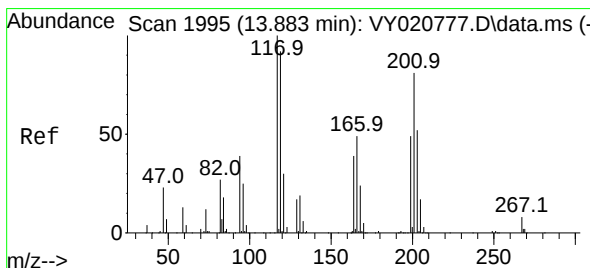
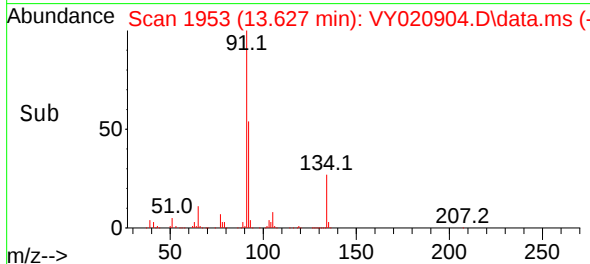
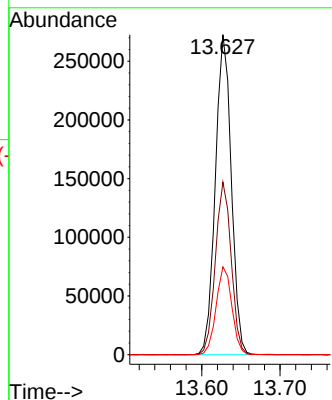
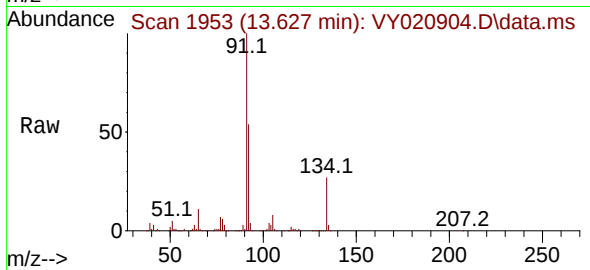
Tgt Ion: 91 Resp: 385382

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

134 27.2 13.8 41.4



#90

Hexachloroethane

Concen: 48.464 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.012 min

Lab File: VY020904.D

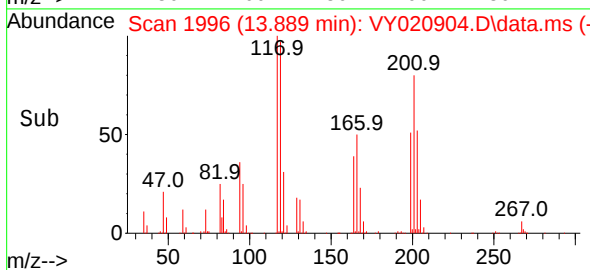
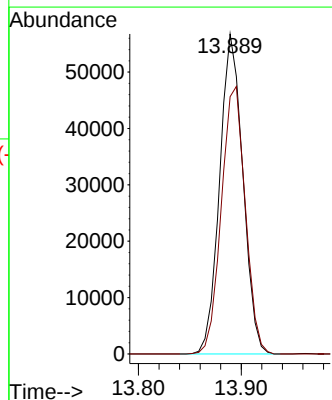
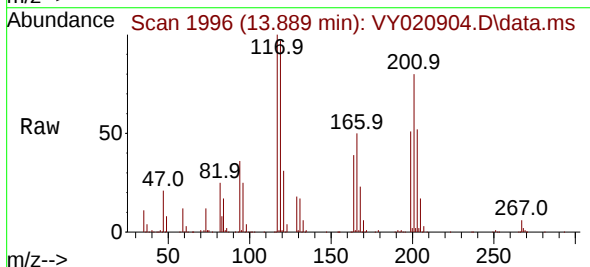
Acq: 22 Jan 2025 17:14

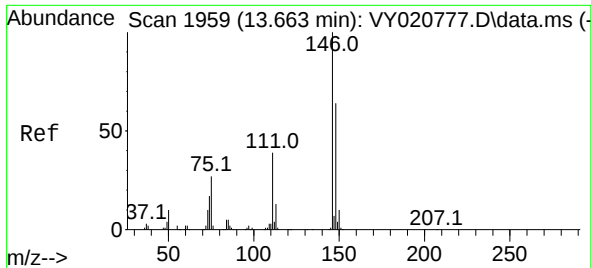
Tgt Ion: 117 Resp: 88956

Ion Ratio Lower Upper

117 100

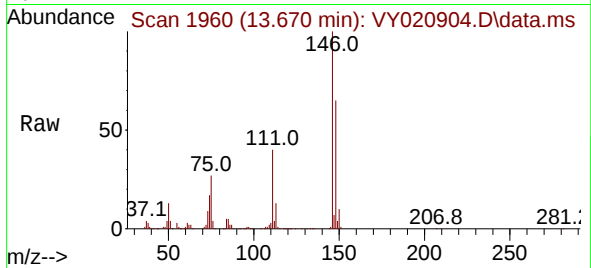
201 86.0 42.9 128.7



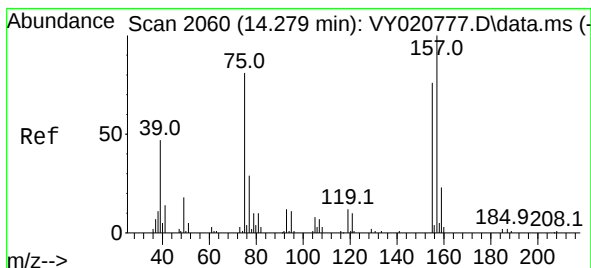
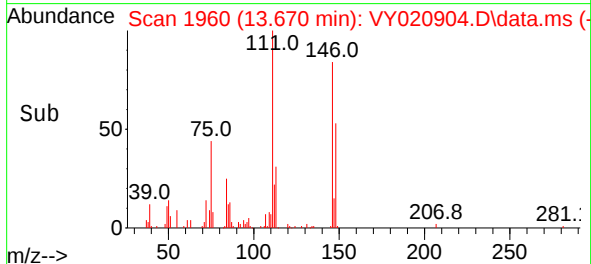
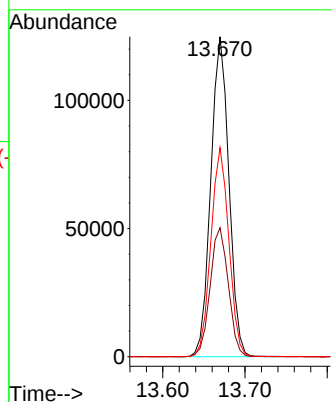


#91
1,2-Dichlorobenzene
Concen: 48.182 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Instrument :
MSVOA_Y
ClientSampleId :

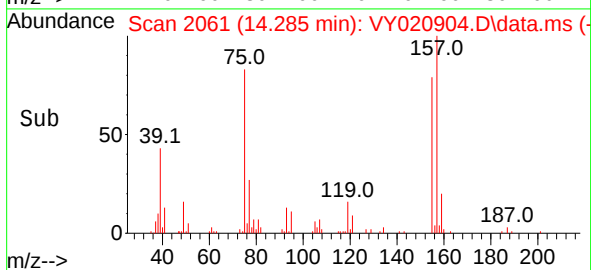
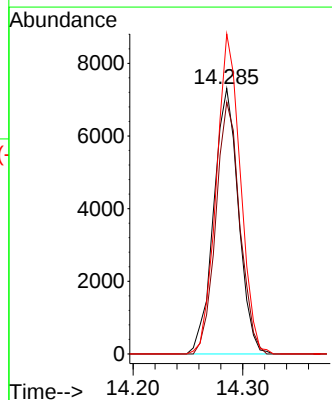
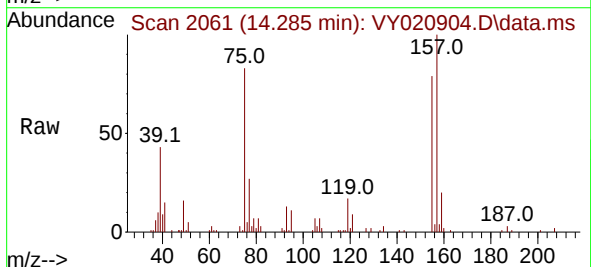


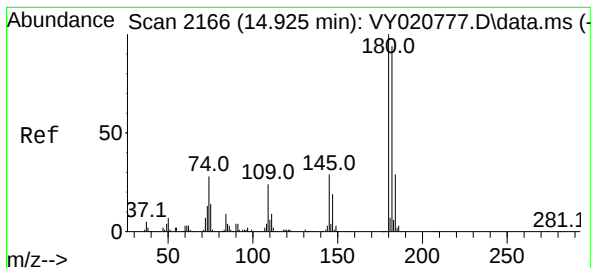
Tgt Ion:146 Resp: 191010
Ion Ratio Lower Upper
146 100
111 40.5 20.0 60.0
148 64.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.276 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. -0.012 min
Lab File: VY020904.D
Acq: 22 Jan 2025 17:14

Tgt Ion: 75 Resp: 11478
Ion Ratio Lower Upper
75 100
155 91.8 45.5 136.5
157 117.1 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.265 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

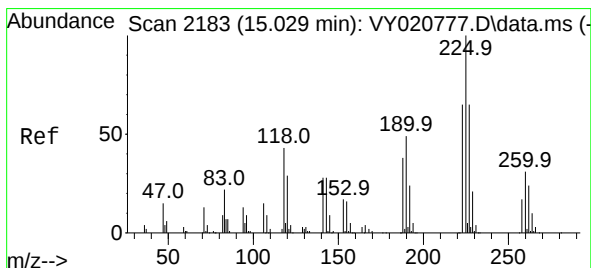
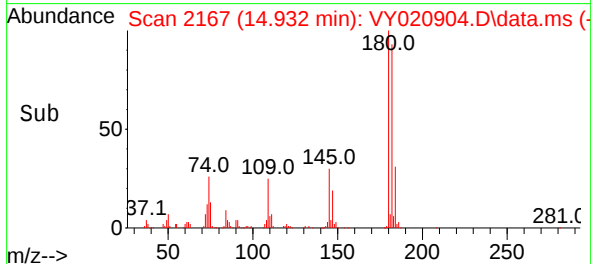
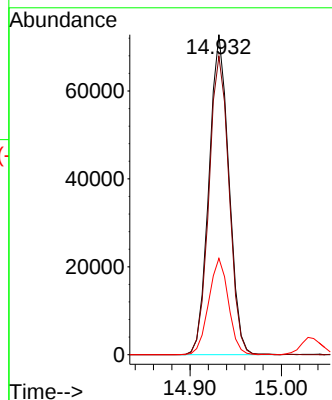
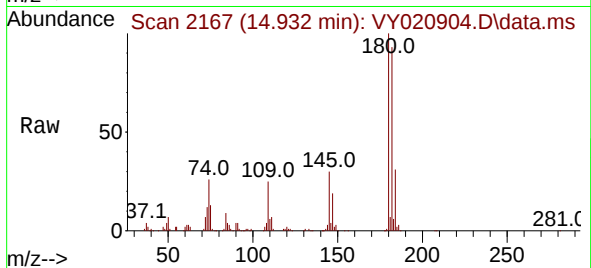
Tgt Ion:180 Resp: 110115

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 29.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 45.455 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

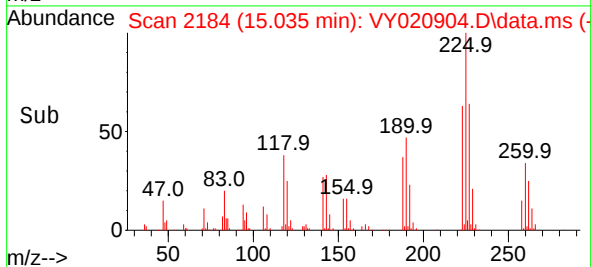
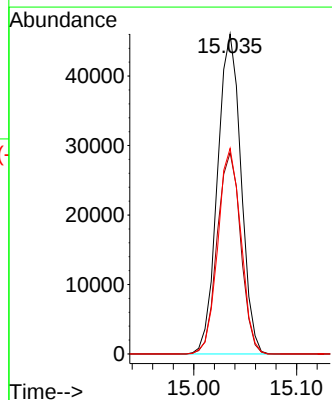
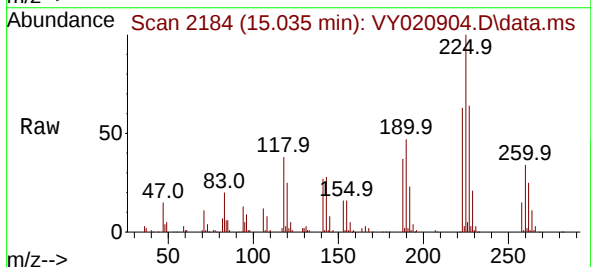
Tgt Ion:225 Resp: 73108

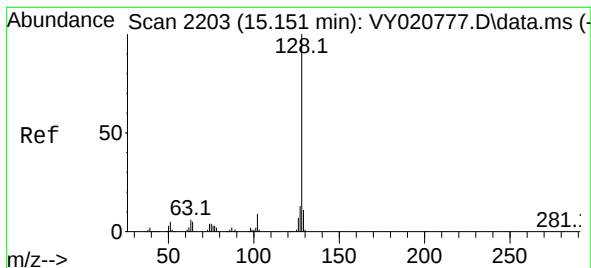
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 62.9 32.2 96.6





#95

Naphthalene

Concen: 47.656 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. -0.012 min MSVOA_Y

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Instrument :

MSVOA_Y

ClientSampleId :

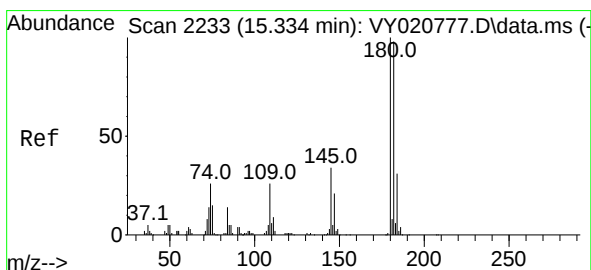
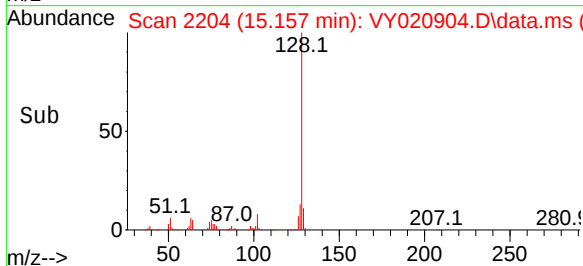
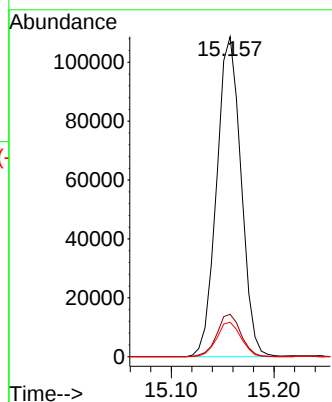
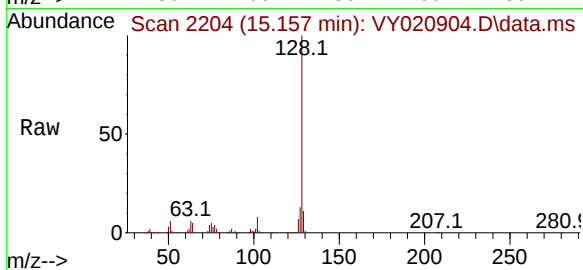
Tgt Ion:128 Resp: 178946

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.887 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.012 min

Lab File: VY020904.D

Acq: 22 Jan 2025 17:14

Tgt Ion:180 Resp: 91532

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 31.2 16.1 48.2

