

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021960.D
 Acq On : 22 Apr 2025 17:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY042225

Quant Time: Apr 23 02:36:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	332081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	512398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	467094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147920	48.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.440%
35) Dibromofluoromethane	7.634	113	165837	48.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.103	98	644989	50.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.402	95	219958	51.198	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	131226	46.375	ug/l	99
3) Chloromethane	2.068	50	183085	45.440	ug/l	97
4) Vinyl Chloride	2.202	62	224944	45.432	ug/l	99
5) Bromomethane	2.592	94	176551	41.389	ug/l	98
6) Chloroethane	2.733	64	149594	44.363	ug/l	96
7) Trichlorofluoromethane	3.056	101	301166	46.128	ug/l	98
8) Diethyl Ether	3.452	74	78016	45.910	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	163507	46.166	ug/l	99
10) Methyl Iodide	4.001	142	185031	45.123	ug/l	99
11) Tert butyl alcohol	4.872	59	38184	226.751	ug/l	97
12) 1,1-Dichloroethene	3.787	96	159060	48.182	ug/l	98
13) Acrolein	3.653	56	68719	227.366	ug/l	99
14) Allyl chloride	4.379	41	182426	47.458	ug/l	99
15) Acrylonitrile	5.055	53	140962	226.587	ug/l	98
16) Acetone	3.873	43	93445	231.130	ug/l	90
17) Carbon Disulfide	4.104	76	494065	46.938	ug/l	99
18) Methyl Acetate	4.385	43	70072	48.904	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	353863	47.891	ug/l	99
20) Methylene Chloride	4.610	84	175109	45.147	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	175356	47.430	ug/l	95
22) Diisopropyl ether	6.019	45	412936	48.273	ug/l	99
23) Vinyl Acetate	5.958	43	1105629	239.824	ug/l	100
24) 1,1-Dichloroethane	5.915	63	275152	46.404	ug/l	99
25) 2-Butanone	6.890	43	153920	220.139	ug/l	97
26) 2,2-Dichloropropane	6.884	77	240796	46.334	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	197583	47.795	ug/l	99
28) Bromochloromethane	7.244	49	111601	48.457	ug/l	98
29) Tetrahydrofuran	7.262	42	104080	229.194	ug/l	95
30) Chloroform	7.421	83	306777	46.643	ug/l	98
31) Cyclohexane	7.701	56	236026	46.548	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	279709	47.007	ug/l	99
36) 1,1-Dichloropropene	7.835	75	217873	47.914	ug/l	98
37) Ethyl Acetate	6.982	43	75275	46.092	ug/l	98
38) Carbon Tetrachloride	7.817	117	258803	47.630	ug/l	98
39) Methylcyclohexane	9.110	83	283178	49.486	ug/l	98
40) Benzene	8.079	78	677917	47.692	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	38694	43.342	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	163549	46.472	ug/l	99
43) Isopropyl Acetate	8.195	43	145980	46.545	ug/l	98
44) Trichloroethene	8.860	130	185153	47.027	ug/l	99
45) 1,2-Dichloropropane	9.140	63	148767	47.326	ug/l	97
46) Dibromomethane	9.231	93	91655	46.578	ug/l	99
47) Bromodichloromethane	9.420	83	235736	47.955	ug/l	97
48) Methyl methacrylate	9.219	41	71174	49.090	ug/l	98
49) 1,4-Dioxane	9.225	88	19954	951.409	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	391245	237.972	ug/l	100
52) Toluene	10.170	92	448774	48.774	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	201939	47.893	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	241197	48.122	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	124598	47.403	ug/l	97
56) Ethyl methacrylate	10.439	69	150855	50.188	ug/l	99
57) 1,3-Dichloropropane	10.713	76	198147	47.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	373183	253.928	ug/l	99
59) 2-Hexanone	10.756	43	258458	238.340	ug/l	100
60) Dibromochloromethane	10.908	129	170608	46.882	ug/l	97
61) 1,2-Dibromoethane	11.012	107	117095	47.188	ug/l	99
64) Tetrachloroethene	10.646	164	205118	46.550	ug/l	96
65) Chlorobenzene	11.438	112	498605	47.734	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	177647	48.308	ug/l	99
67) Ethyl Benzene	11.518	91	856779	50.142	ug/l	100
68) m/p-Xylenes	11.627	106	687961	101.181	ug/l	99
69) o-Xylene	11.950	106	319291	50.949	ug/l	99
70) Styrene	11.969	104	542034	51.513	ug/l	100
71) Bromoform	12.127	173	102241	47.821	ug/l #	100
73) Isopropylbenzene	12.249	105	833210	49.765	ug/l	99
74) N-amyl acetate	12.066	43	133081	46.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	130070	46.078	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	169982	79.189	ug/l #	100
77) Bromobenzene	12.530	156	201978	47.741	ug/l	99
78) n-propylbenzene	12.591	91	995089	49.907	ug/l	100
79) 2-Chlorotoluene	12.676	91	560663	48.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	691575	50.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	39491	44.304	ug/l	98
82) 4-Chlorotoluene	12.773	91	583487	48.406	ug/l	100
83) tert-Butylbenzene	12.993	119	637155	51.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	693849	50.285	ug/l	100
85) sec-Butylbenzene	13.170	105	912398	50.397	ug/l	99
86) p-Isopropyltoluene	13.292	119	781445	50.831	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	408394	47.528	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	401694	47.202	ug/l	99
89) n-Butylbenzene	13.615	91	689937	50.209	ug/l	99
90) Hexachloroethane	13.877	117	160136	47.410	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	354764	47.337	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19379	43.151	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	207298	48.811	ug/l	99
94) Hexachlorobutadiene	15.023	225	126404	48.376	ug/l	98
95) Naphthalene	15.145	128	345515	48.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	175651	47.914	ug/l	100

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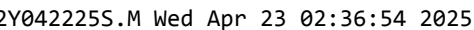
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

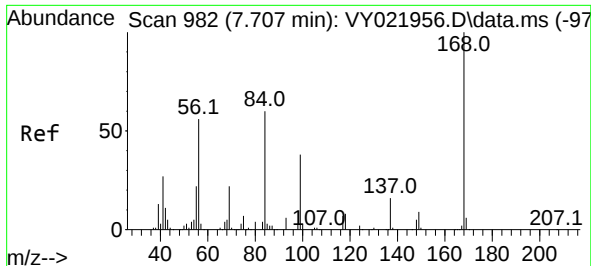
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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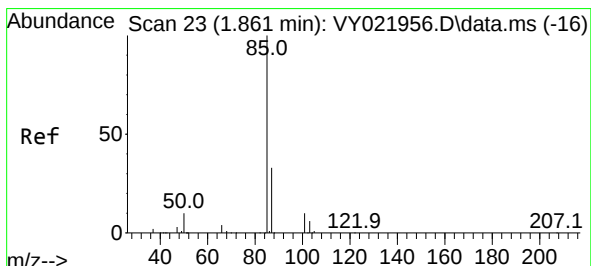
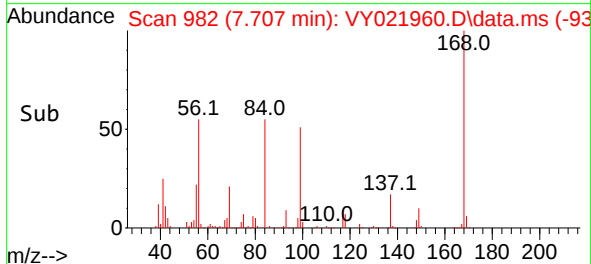
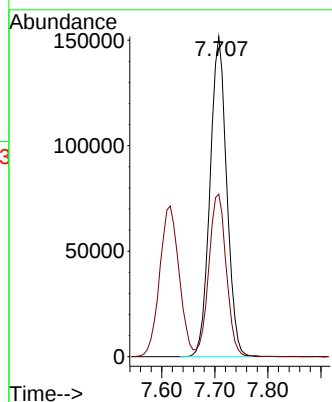
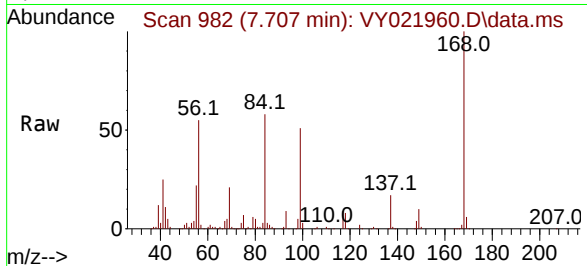




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021960.D
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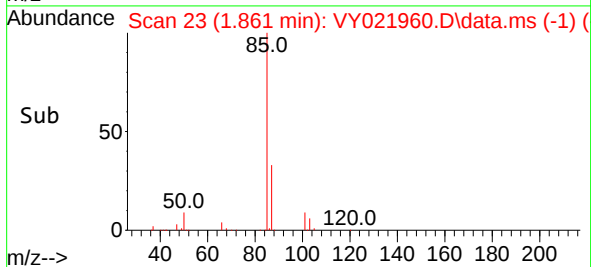
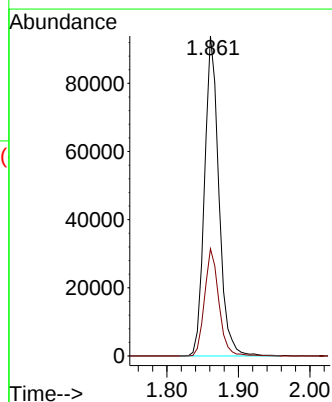
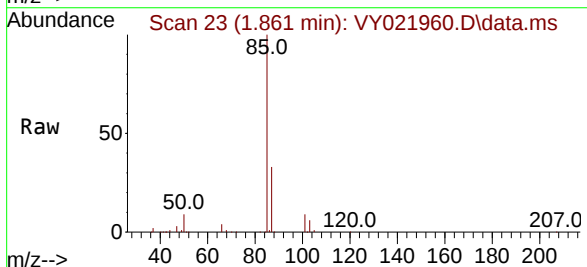
Instrument :
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ClientSampleId :
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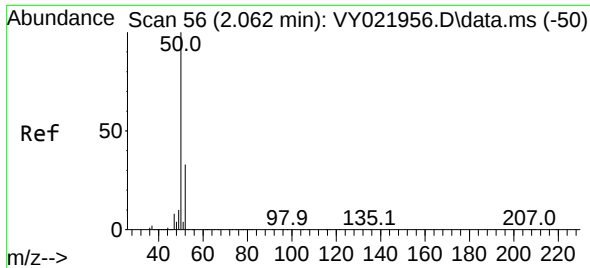
Tgt Ion:168 Resp: 332081
Ion Ratio Lower Upper
168 100
99 50.7 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 46.375 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 85 Resp: 131226
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7

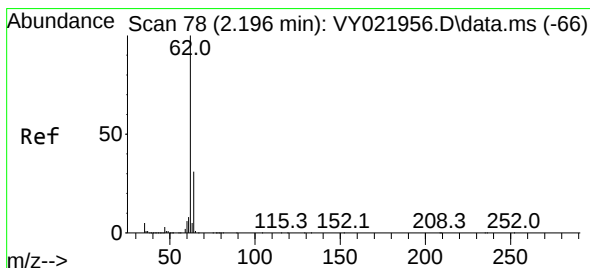
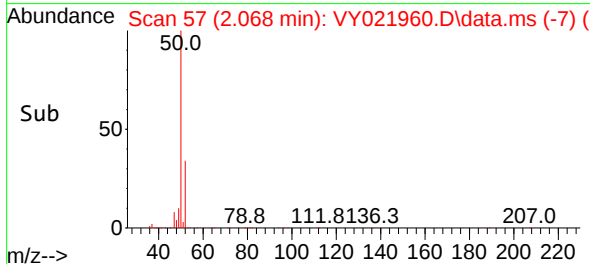
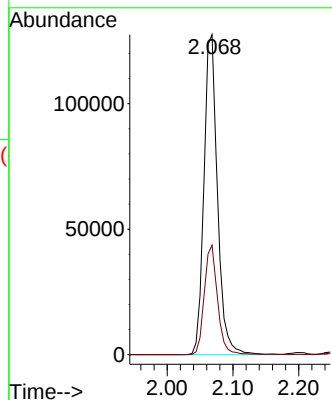
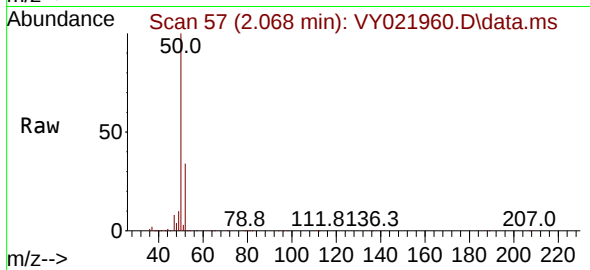




#3
Chloromethane
Concen: 45.440 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

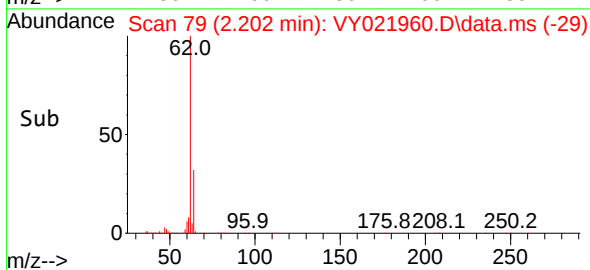
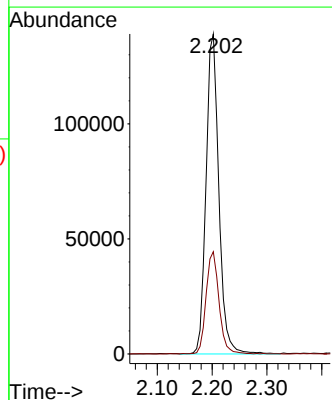
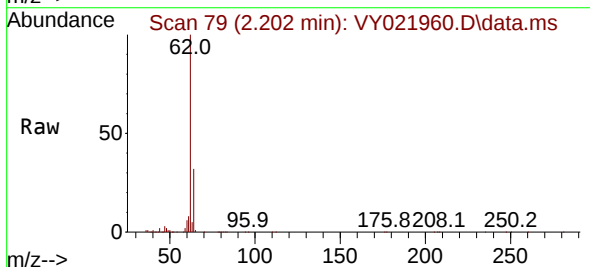
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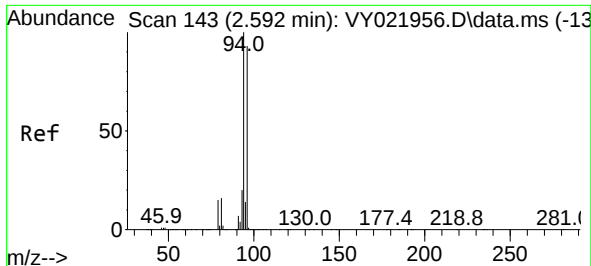
Tgt Ion: 50 Resp: 183085
Ion Ratio Lower Upper
50 100
52 34.2 26.1 39.1



#4
Vinyl Chloride
Concen: 45.432 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 62 Resp: 224944
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

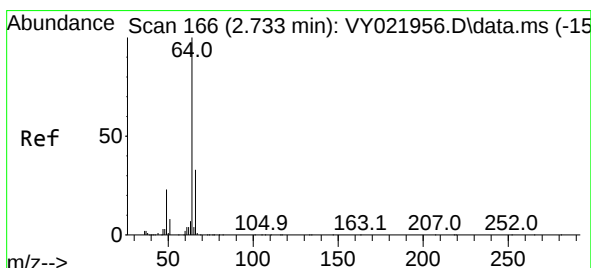
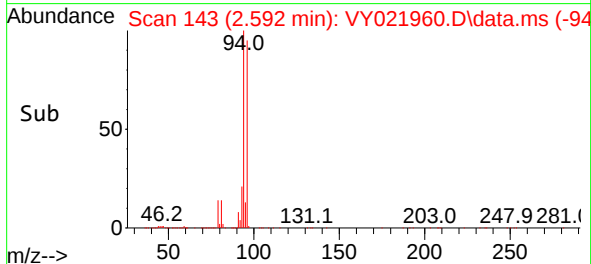
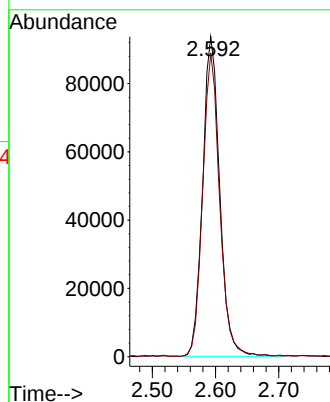
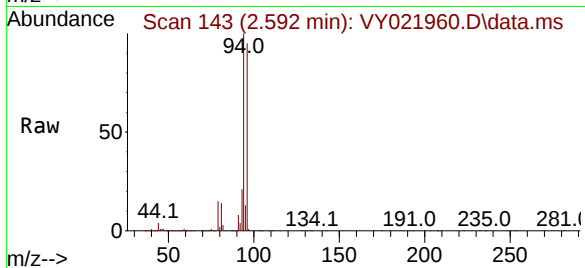




#5
Bromomethane
Concen: 41.389 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

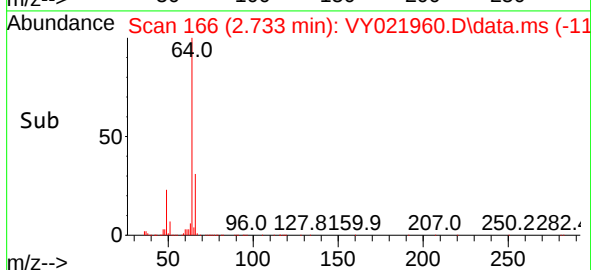
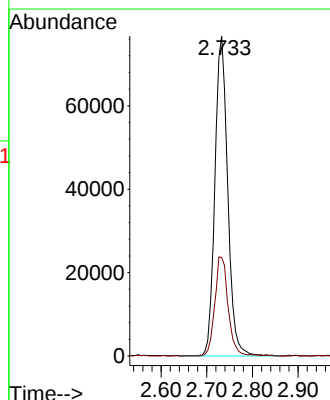
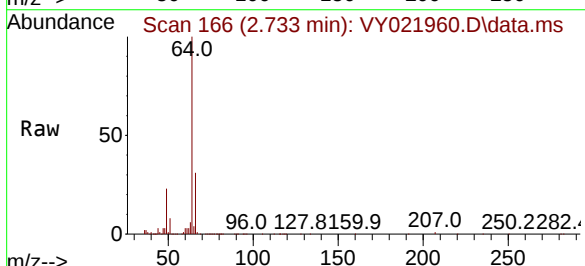
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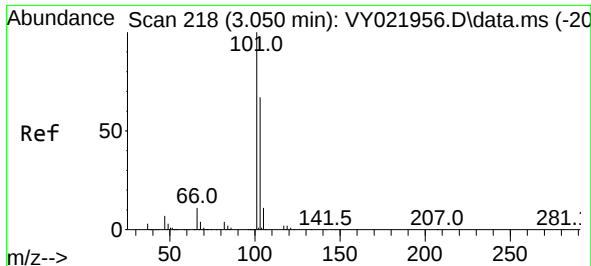
Tgt Ion: 94 Resp: 176551
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8



#6
Chloroethane
Concen: 44.363 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 64 Resp: 149594
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4

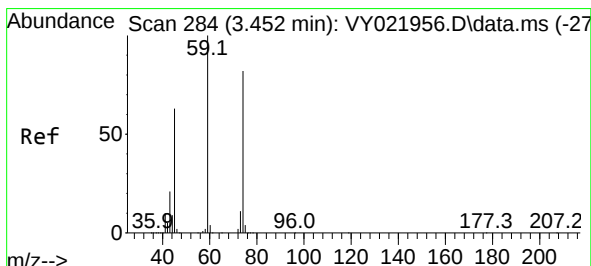
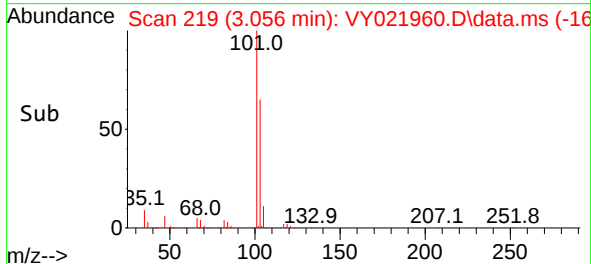
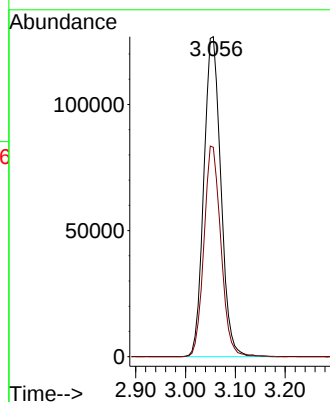
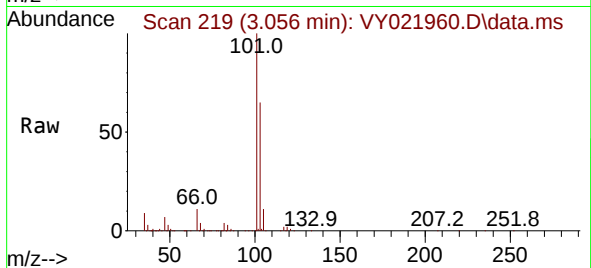




#7
 Trichlorofluoromethane
 Concen: 46.128 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

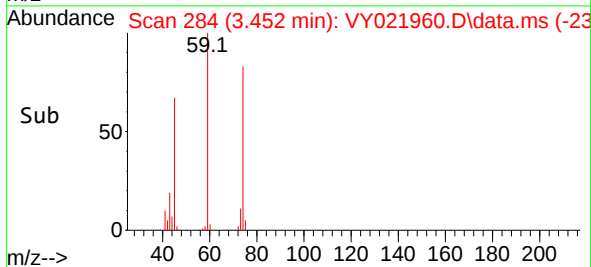
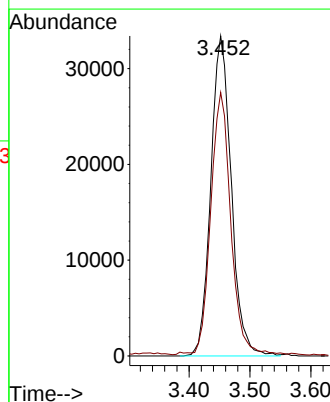
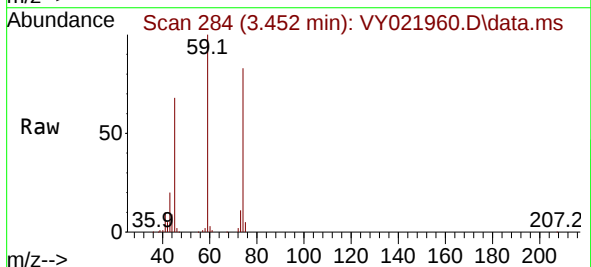
Instrument :
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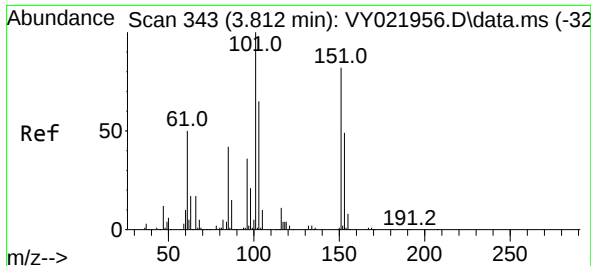
Tgt Ion:101 Resp: 301166
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.6 80.4



#8
 Diethyl Ether
 Concen: 45.910 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021960.D
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Tgt Ion: 74 Resp: 78016
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.1 117.5

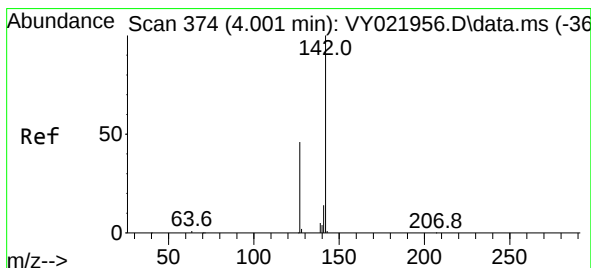
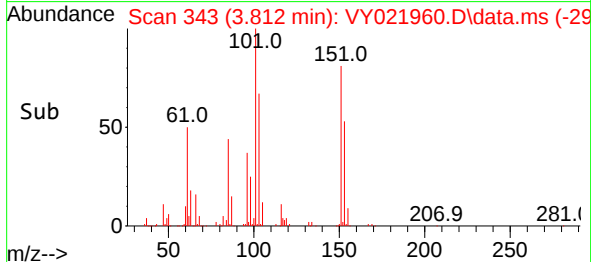
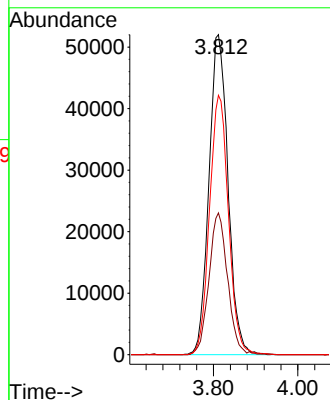
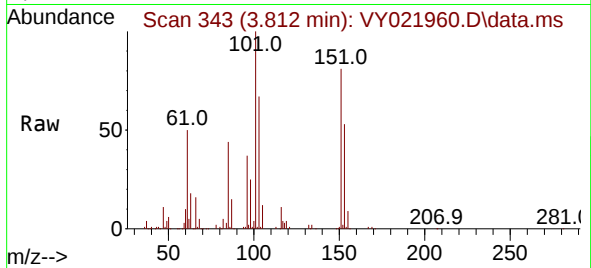




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.166 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

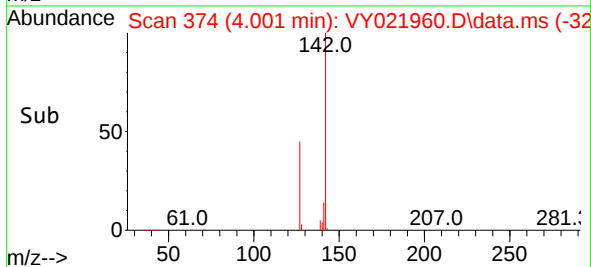
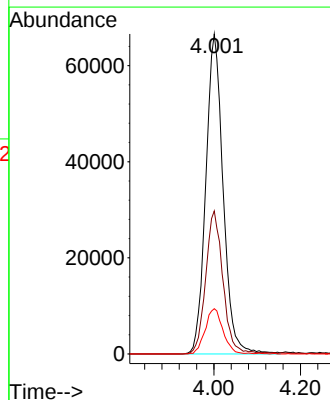
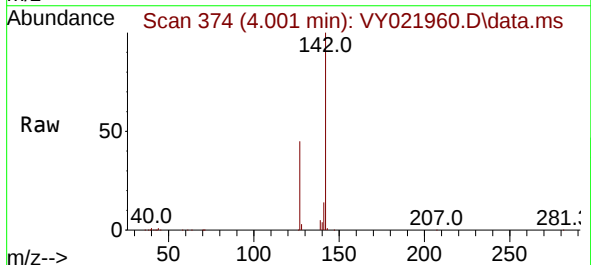
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

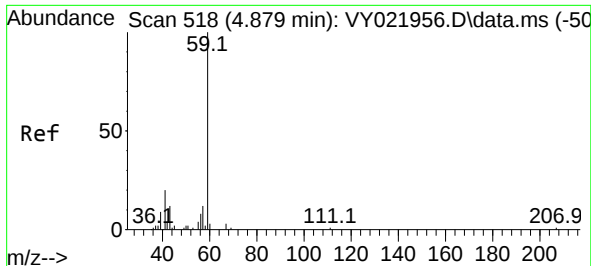
Tgt Ion:101 Resp: 163507
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 80.5 63.7 95.5



#10
Methyl Iodide
Concen: 45.123 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:142 Resp: 185031
Ion Ratio Lower Upper
142 100
127 44.4 36.2 54.2
141 14.5 11.7 17.5

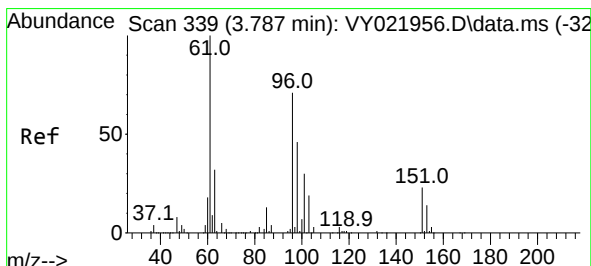
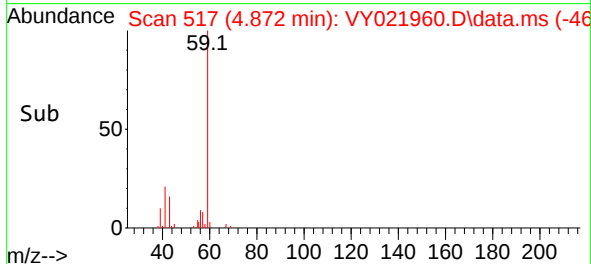
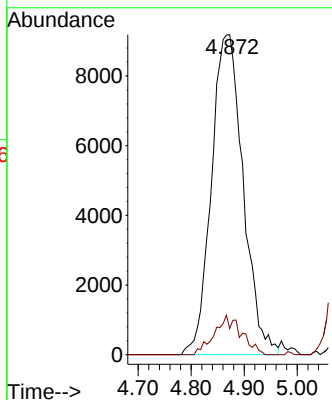
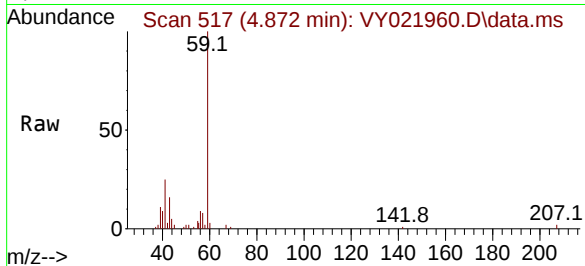




#11
Tert butyl alcohol
Concen: 226.751 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

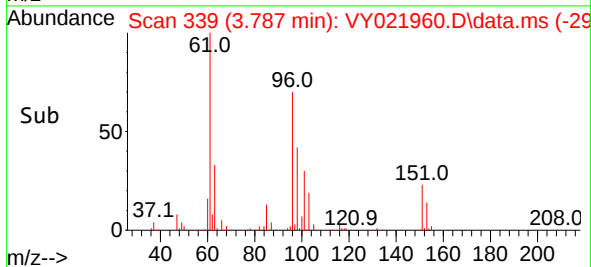
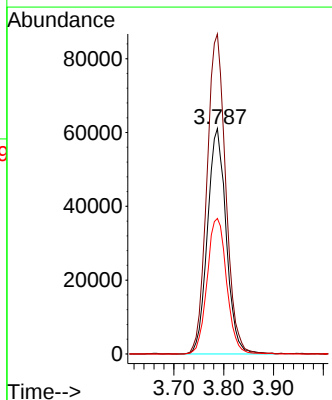
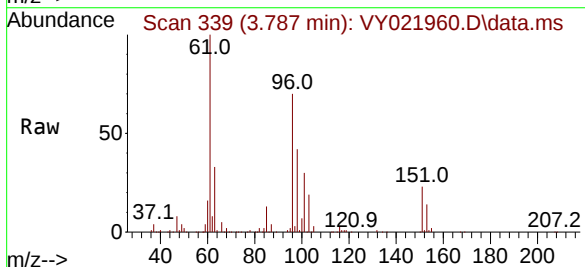
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

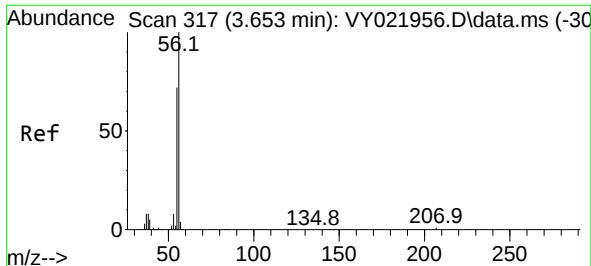
Tgt Ion: 59 Resp: 38184
Ion Ratio Lower Upper
59 100
57 10.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 48.182 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 96 Resp: 159060
Ion Ratio Lower Upper
96 100
61 141.9 113.0 169.4
98 60.1 51.4 77.2

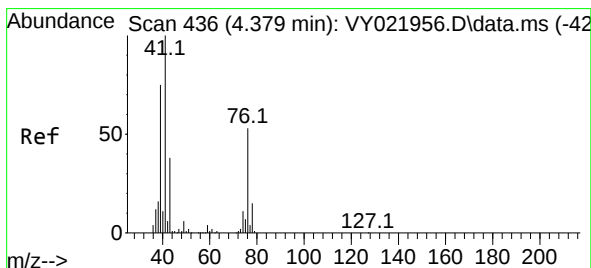
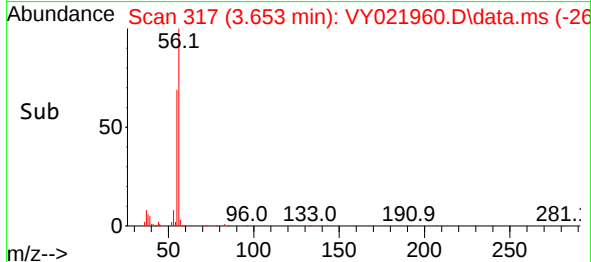
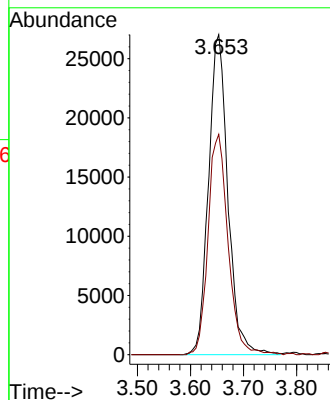
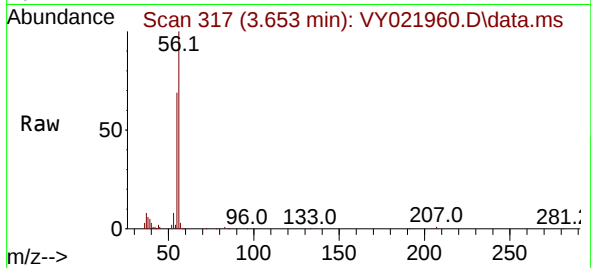




#13
Acrolein
Concen: 227.366 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

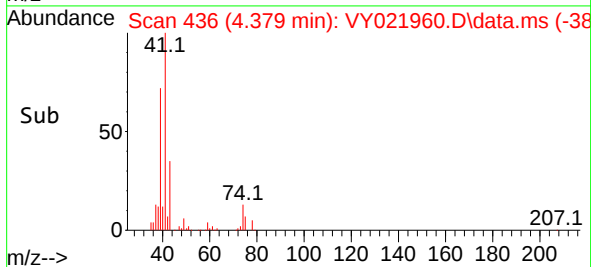
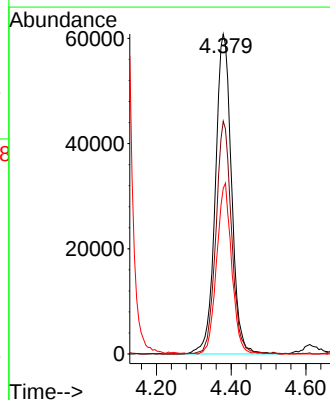
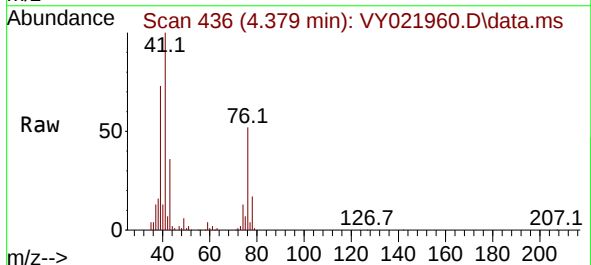
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Tgt Ion: 56 Resp: 68719
Ion Ratio Lower Upper
56 100
55 71.0 57.4 86.0



#14
Allyl chloride
Concen: 47.458 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 41 Resp: 182426
Ion Ratio Lower Upper
41 100
39 70.4 57.2 85.8
76 49.8 39.7 59.5

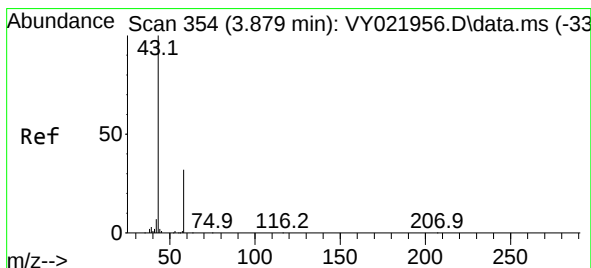
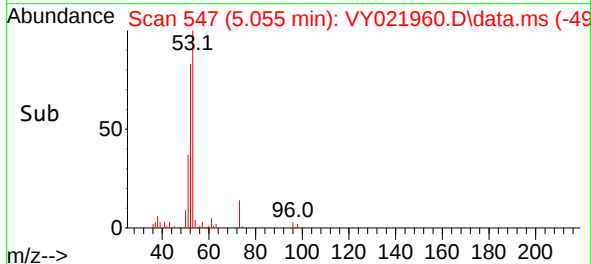
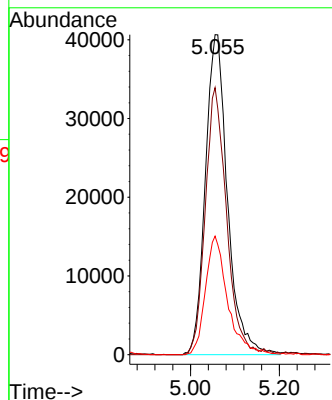
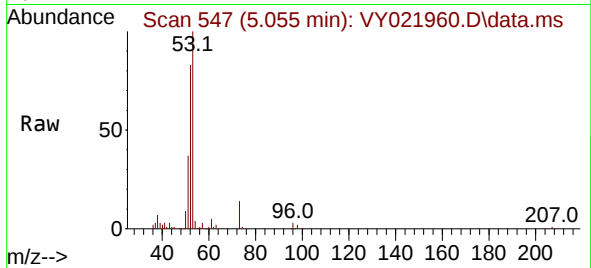




#15
Acrylonitrile
Concen: 226.587 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

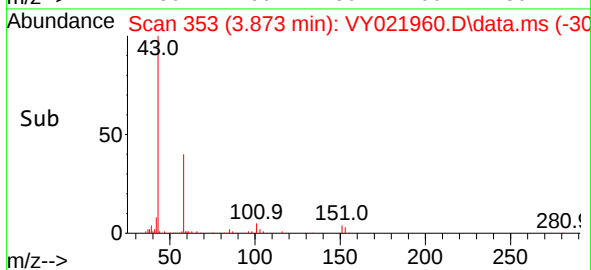
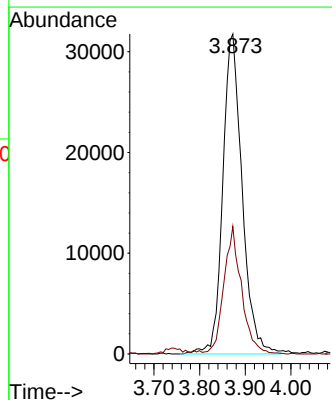
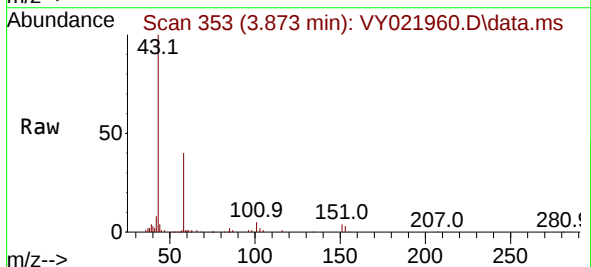
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

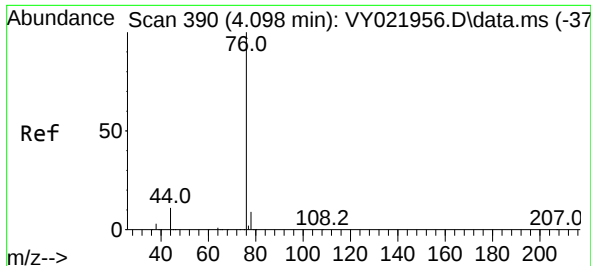
Tgt Ion: 53 Resp: 140962
Ion Ratio Lower Upper
53 100
52 79.8 65.0 97.6
51 37.0 28.9 43.3



#16
Acetone
Concen: 231.130 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 93445
Ion Ratio Lower Upper
43 100
58 39.7 27.0 40.4

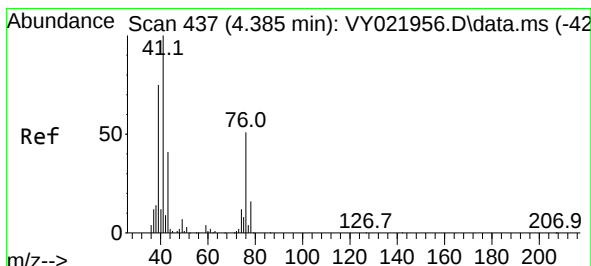
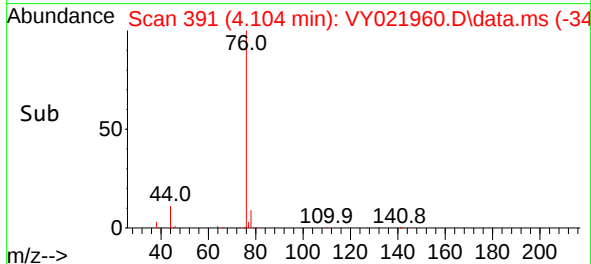
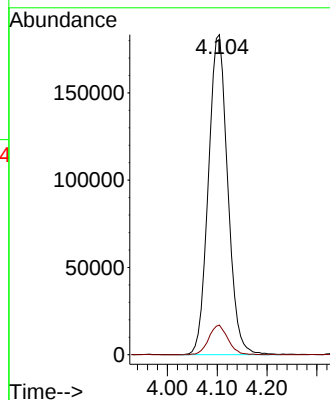
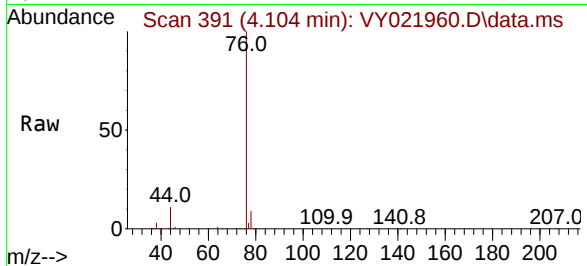




#17
Carbon Disulfide
Concen: 46.938 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

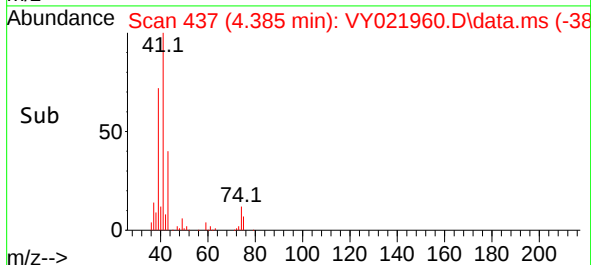
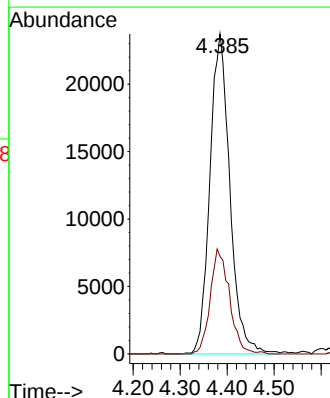
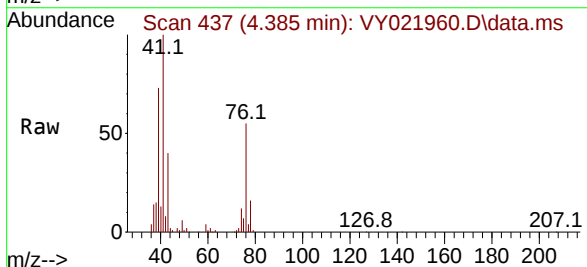
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

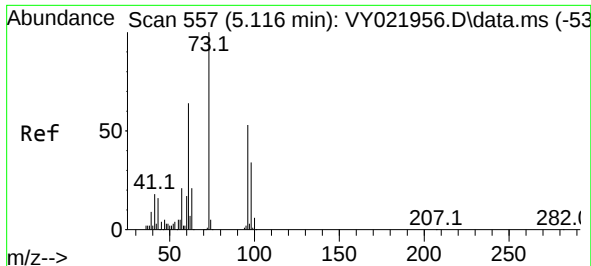
Tgt Ion: 76 Resp: 494065
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 48.904 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 70072
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 47.891 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

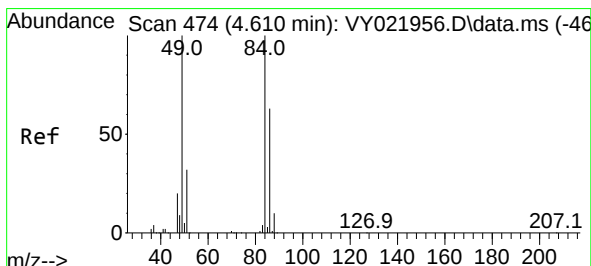
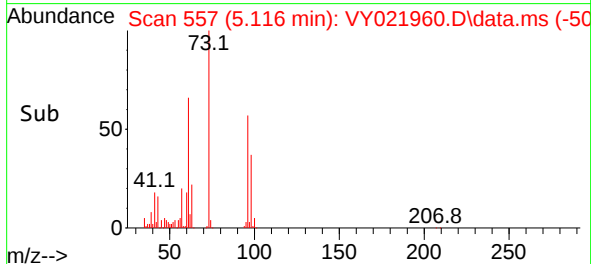
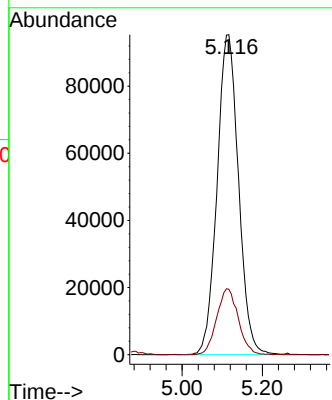
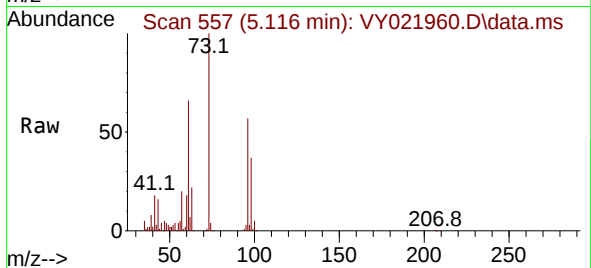
ICVVY042225

Tgt Ion: 73 Resp: 353863

Ion Ratio Lower Upper

73 100

57 20.5 16.9 25.3



#20

Methylene Chloride

Concen: 45.147 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Tgt Ion: 84 Resp: 175109

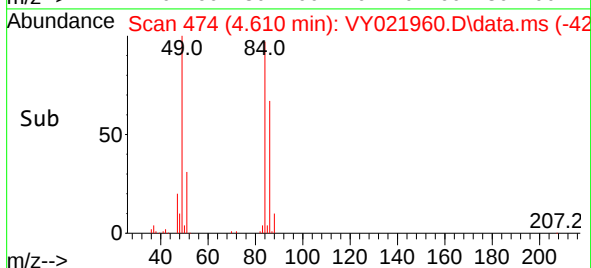
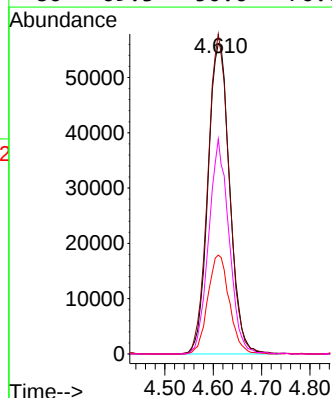
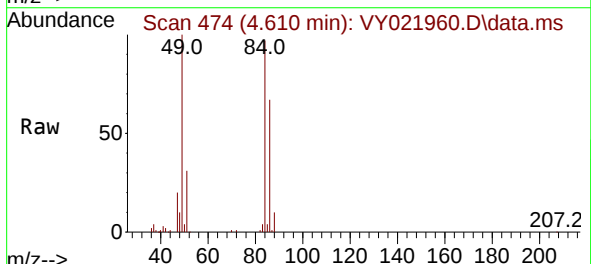
Ion Ratio Lower Upper

84 100

49 103.2 79.9 119.9

51 31.9 25.4 38.0

86 69.3 50.6 76.0

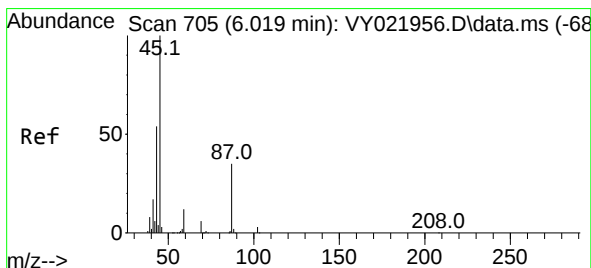
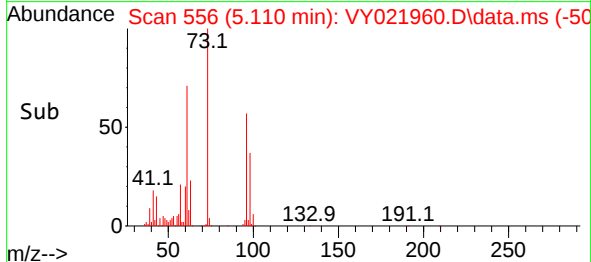
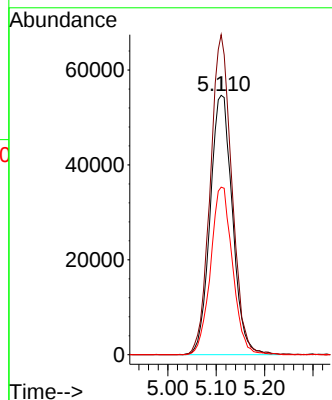
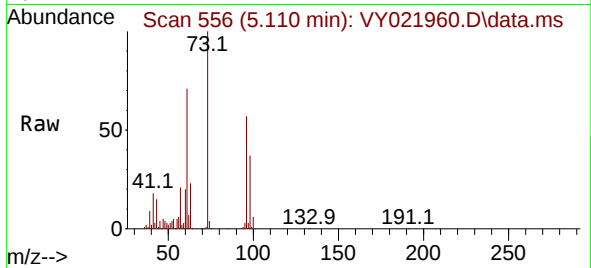




#21
trans-1,2-Dichloroethene
Concen: 47.430 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

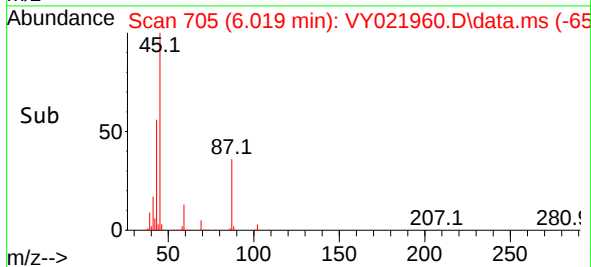
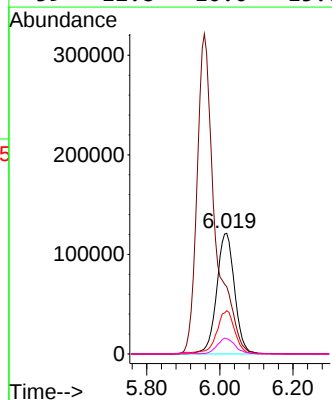
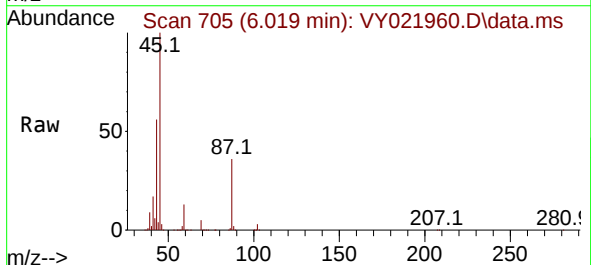
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

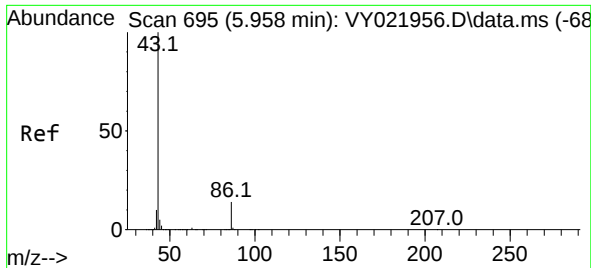
Tgt Ion: 96 Resp: 175356
Ion Ratio Lower Upper
96 100
61 123.3 92.6 138.8
98 64.6 50.2 75.4



#22
Diisopropyl ether
Concen: 48.273 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 45 Resp: 412936
Ion Ratio Lower Upper
45 100
43 55.5 43.6 65.4
87 35.9 28.2 42.4
59 12.8 10.0 15.0

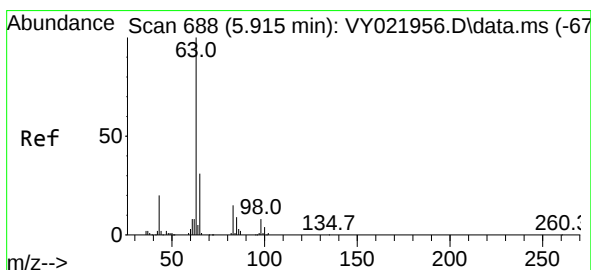
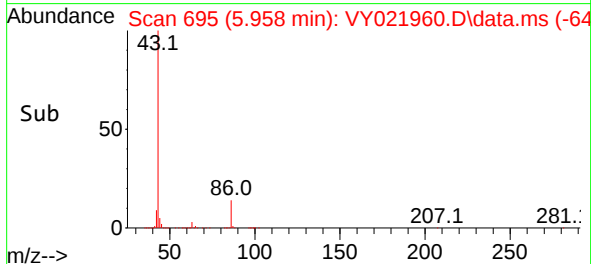
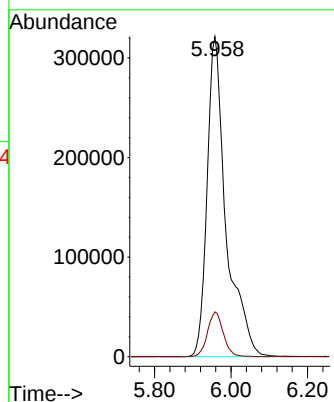
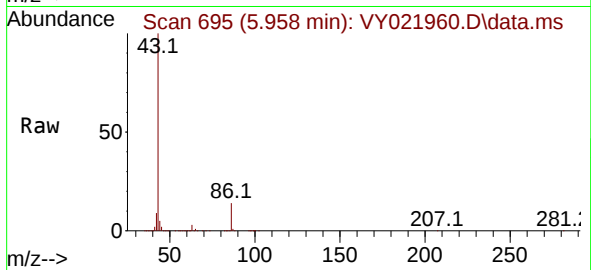




#23
 Vinyl Acetate
 Concen: 239.824 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

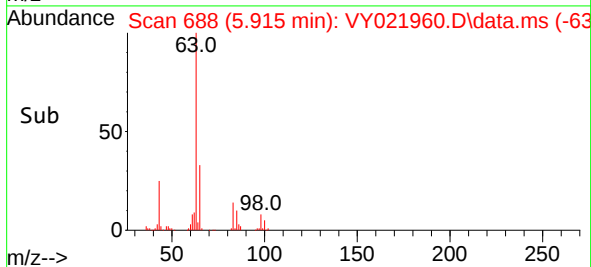
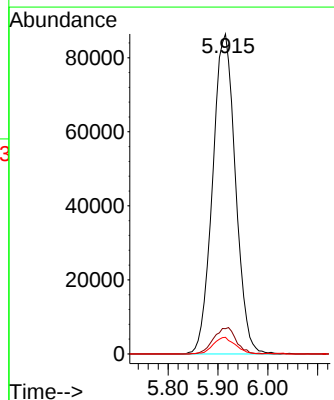
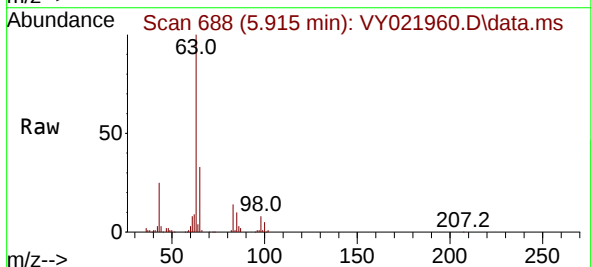
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042225

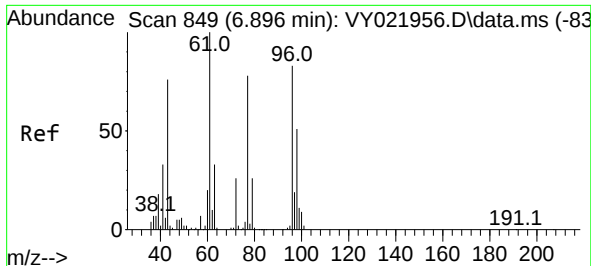
Tgt Ion: 43 Resp: 1105629
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 46.404 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

Tgt Ion: 63 Resp: 275152
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 5.2 2.0 6.0

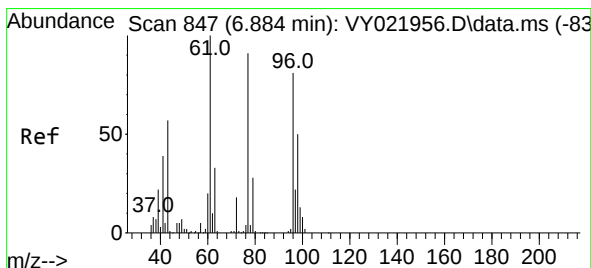
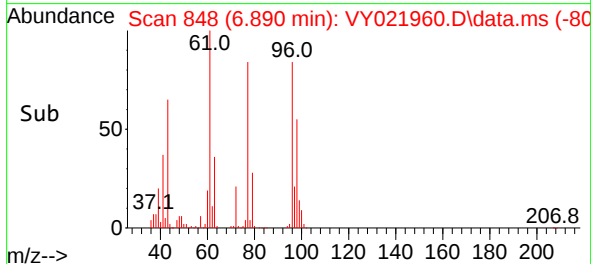
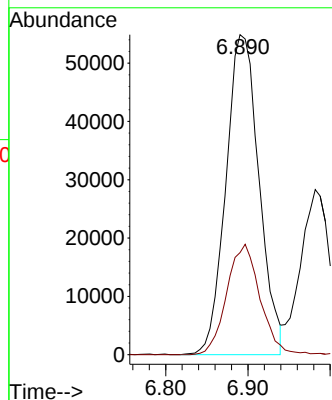
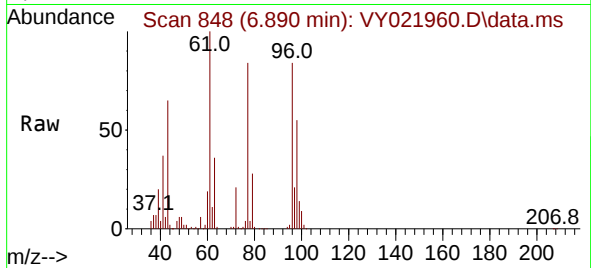




#25
2-Butanone
Concen: 220.139 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

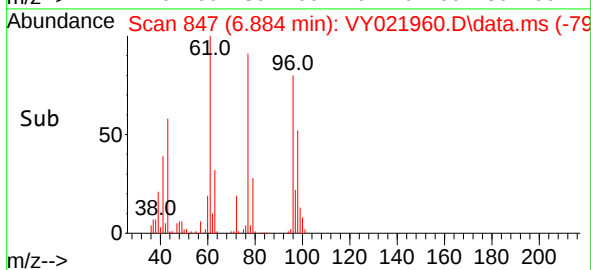
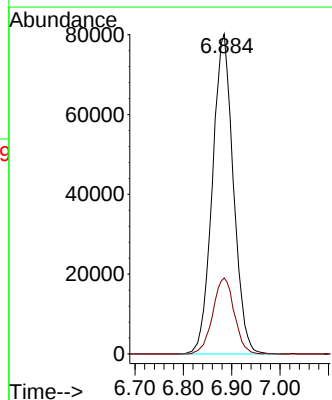
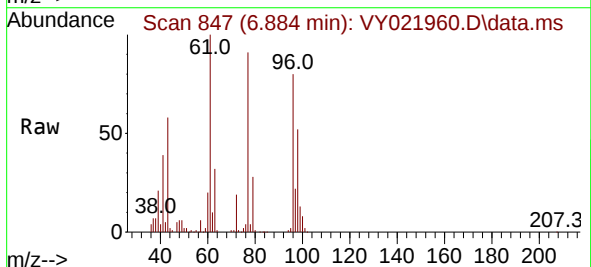
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

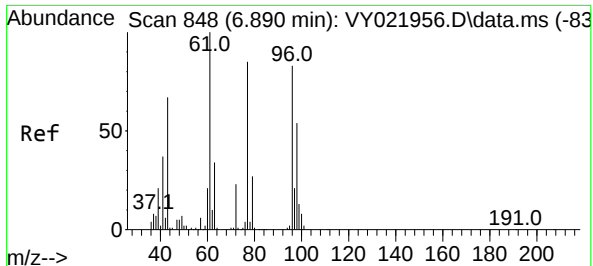
Tgt Ion: 43 Resp: 153920
Ion Ratio Lower Upper
43 100
72 31.9 27.0 40.4



#26
2,2-Dichloropropane
Concen: 46.334 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 77 Resp: 240796
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 47.795 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042225

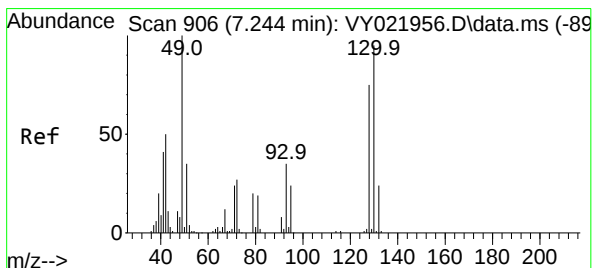
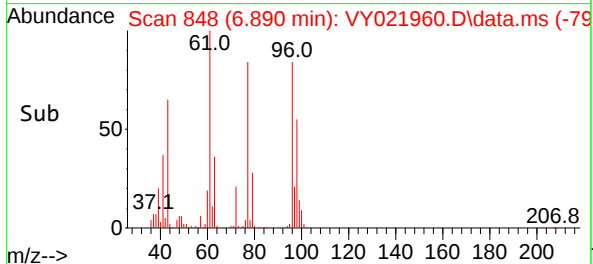
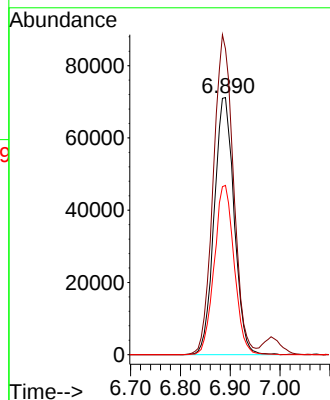
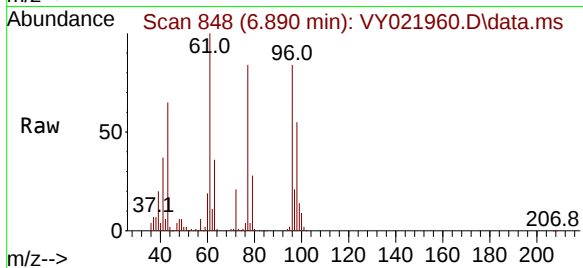
Tgt Ion: 96 Resp: 197583

Ion Ratio Lower Upper

96 100

61 126.0 0.0 251.4

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 48.457 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

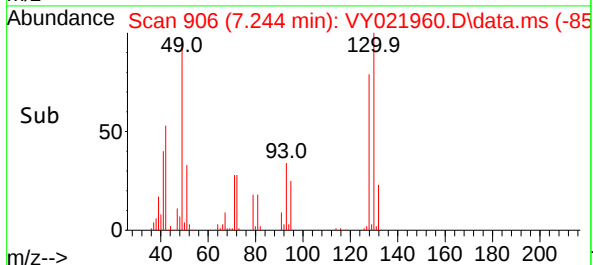
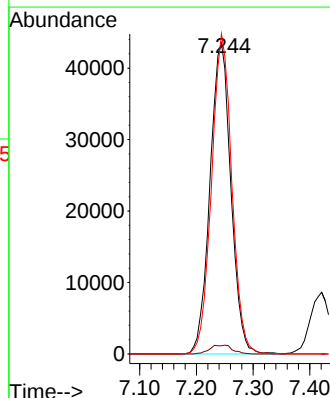
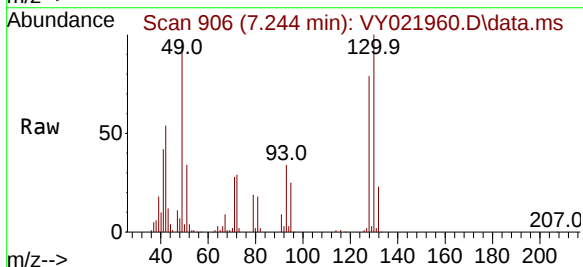
Tgt Ion: 49 Resp: 111601

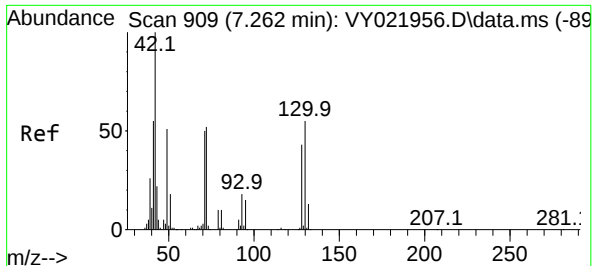
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.0

130 99.6 78.2 117.4

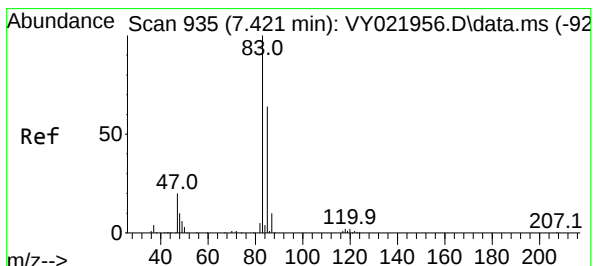
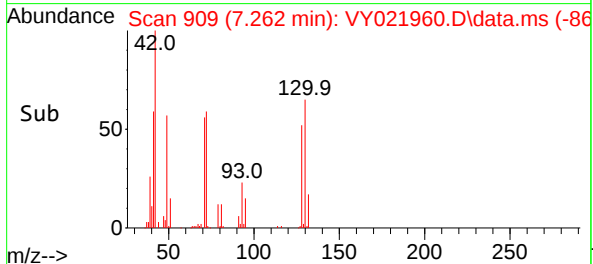
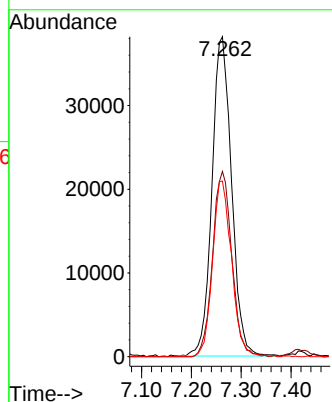
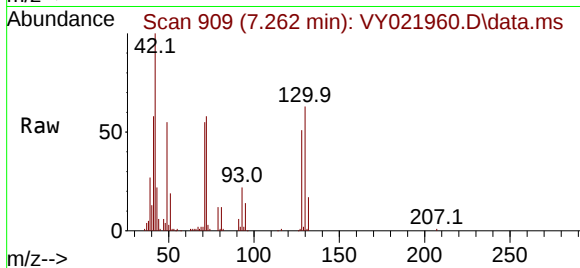




#29
Tetrahydrofuran
Concen: 229.194 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

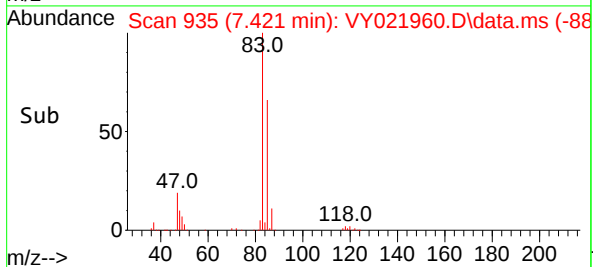
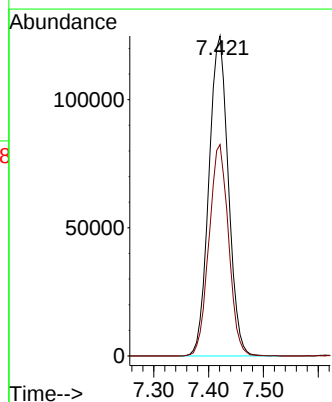
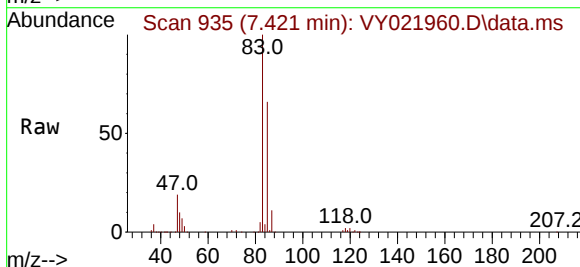
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042225

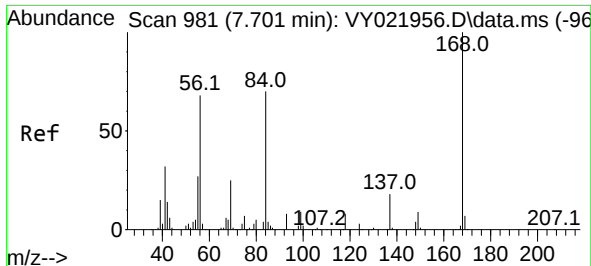
Tgt Ion: 42 Resp: 104080
Ion Ratio Lower Upper
42 100
72 57.2 42.6 63.8
71 53.3 40.6 61.0



#30
Chloroform
Concen: 46.643 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 83 Resp: 306777
Ion Ratio Lower Upper
83 100
85 66.0 51.3 76.9

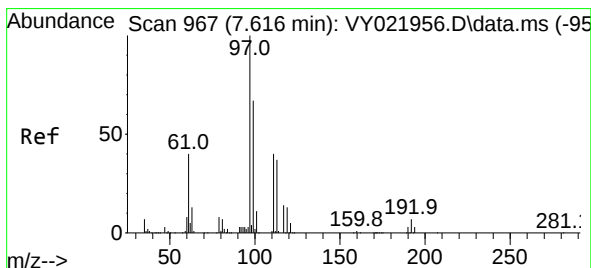
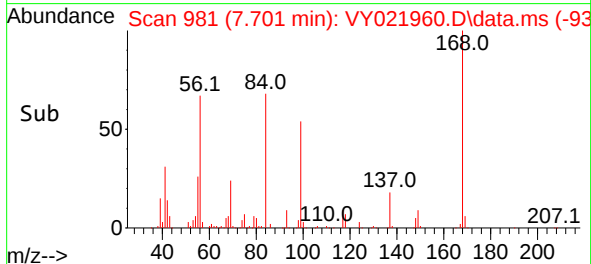
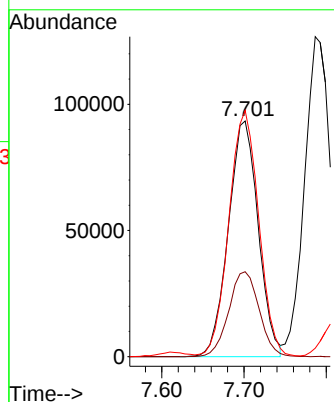
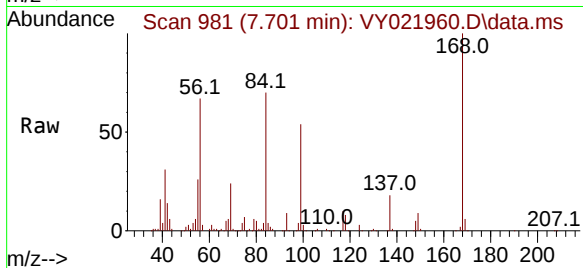




#31
Cyclohexane
Concen: 46.548 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

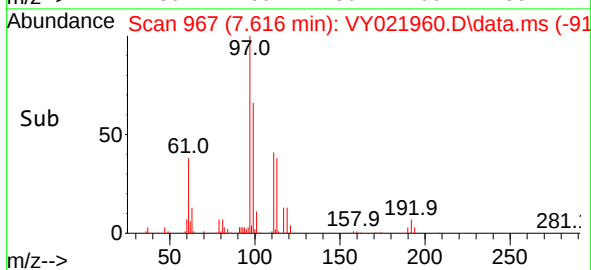
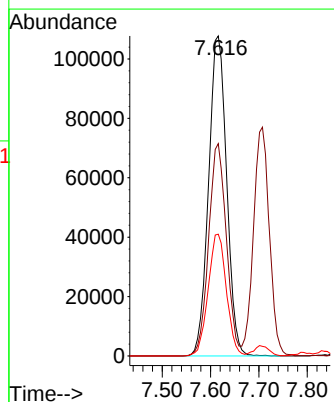
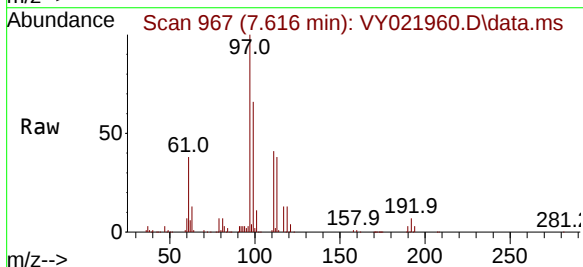
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042225

Tgt Ion: 56 Resp: 236026
Ion Ratio Lower Upper
56 100
69 36.1 29.4 44.2
84 102.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 47.007 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 97 Resp: 279709
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 38.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 48.224 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

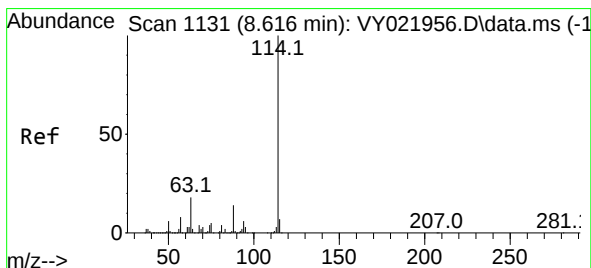
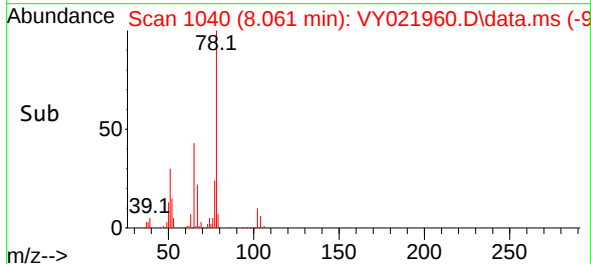
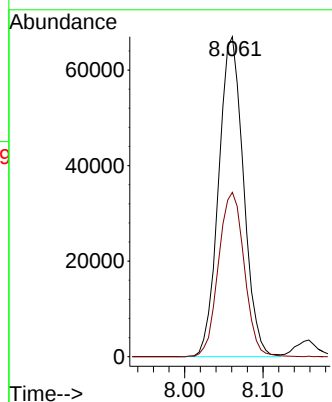
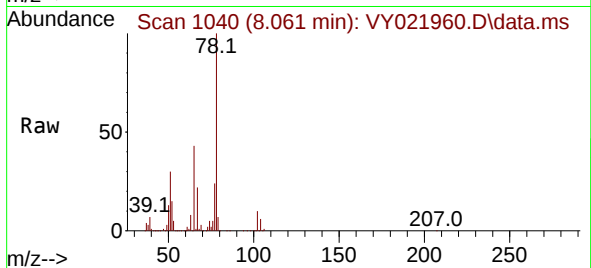
ICVVY042225

Tgt Ion: 65 Resp: 147920

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

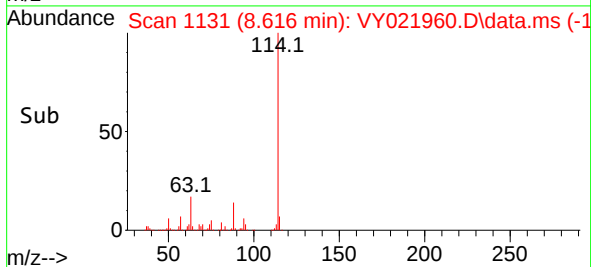
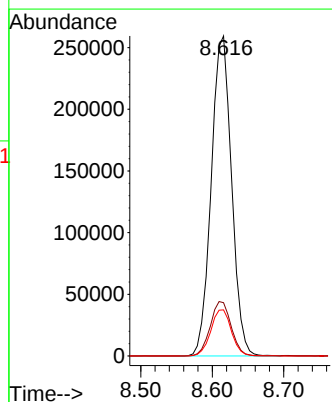
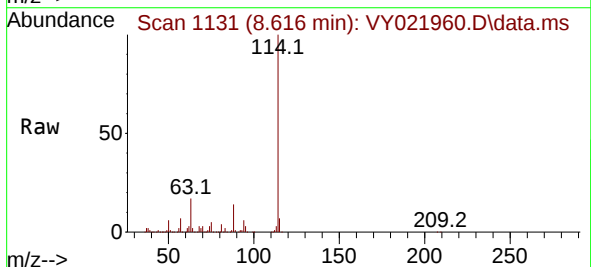
Tgt Ion: 114 Resp: 512398

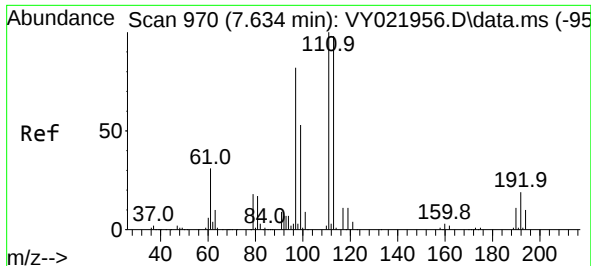
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.4

88 14.4 0.0 28.2

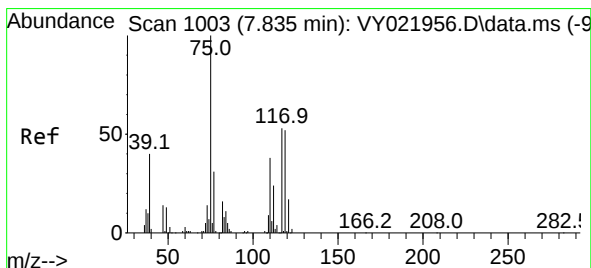
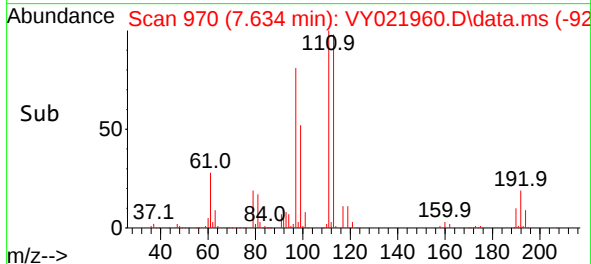
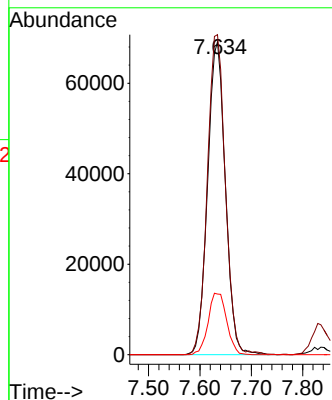
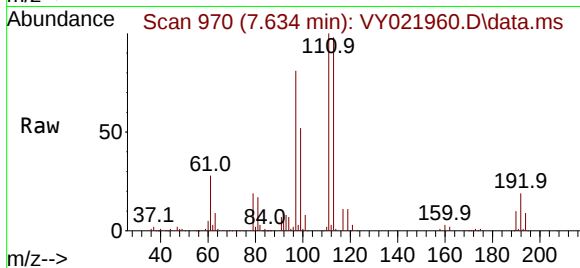




#35
Dibromofluoromethane
Concen: 48.989 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

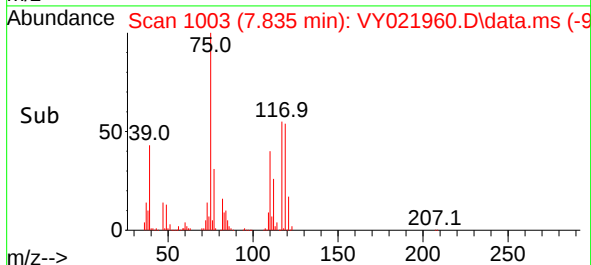
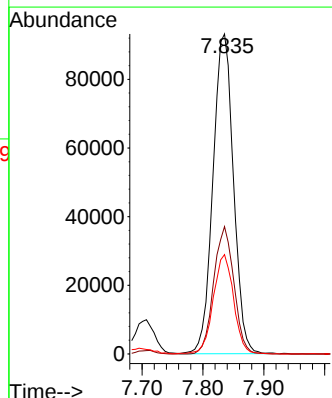
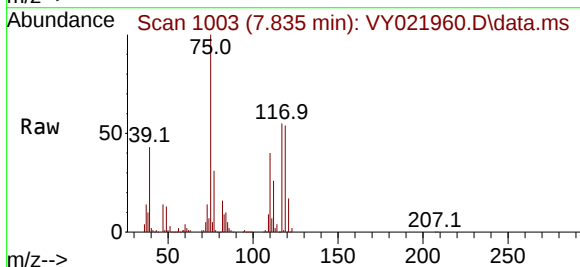
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

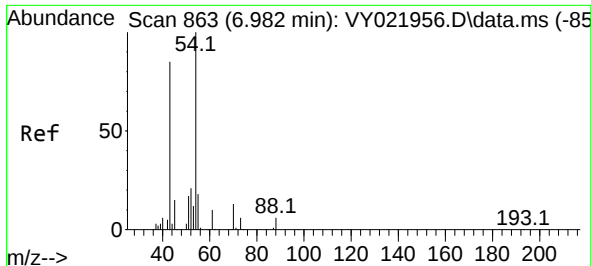
Tgt Ion:113 Resp: 165837
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 20.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 47.914 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 217873
Ion Ratio Lower Upper
75 100
110 39.1 19.1 57.3
77 30.9 25.5 38.3

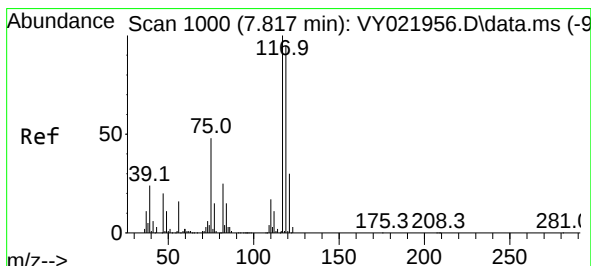
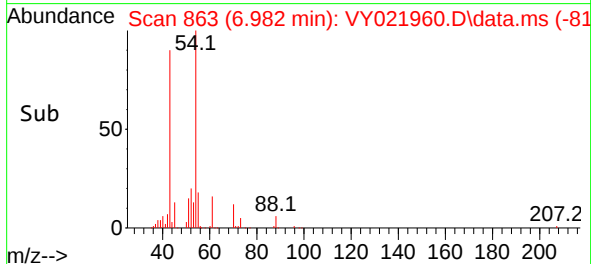
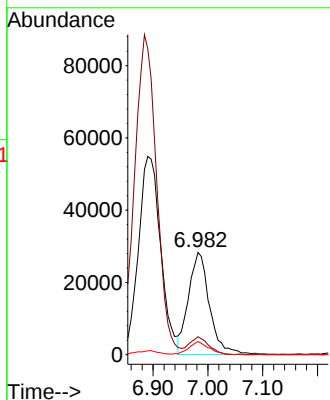
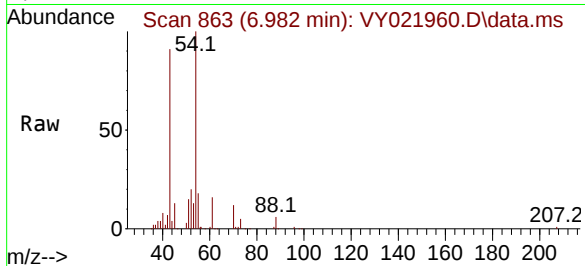




#37
Ethyl Acetate
Concen: 46.092 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

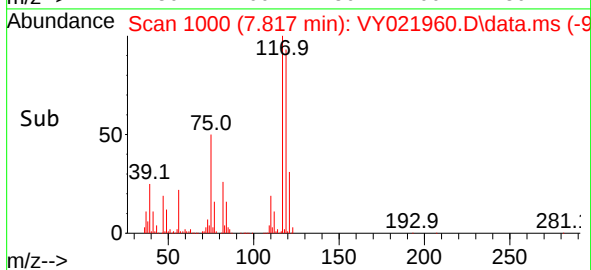
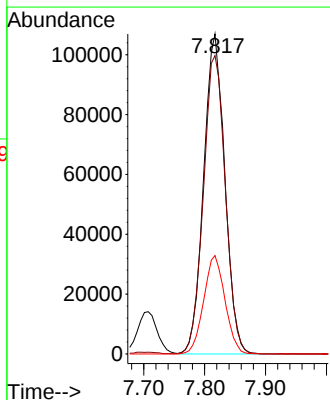
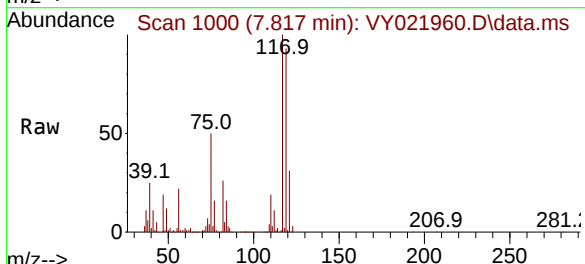
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

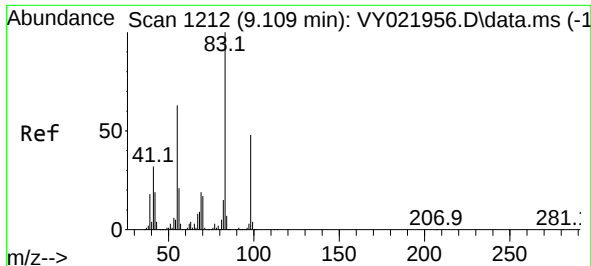
Tgt Ion:	43	Resp:	75275
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.8	20.6
70	12.2	9.2	13.8



#38
Carbon Tetrachloride
Concen: 47.630 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:	117	Resp:	258803
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.4
121	30.8	24.0	36.0





#39

Methylcyclohexane

Concen: 49.486 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

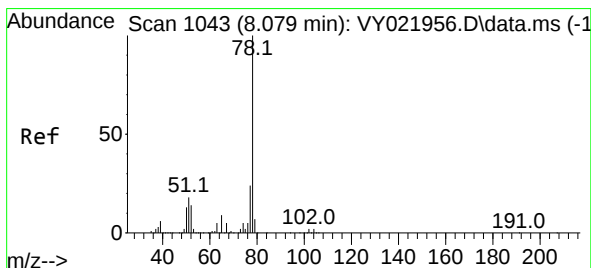
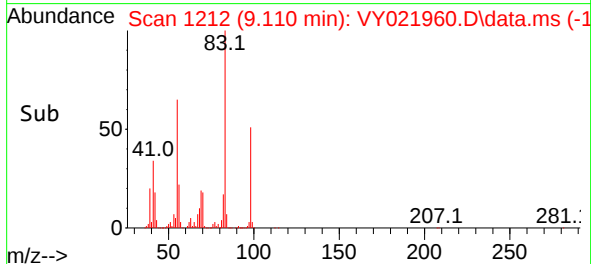
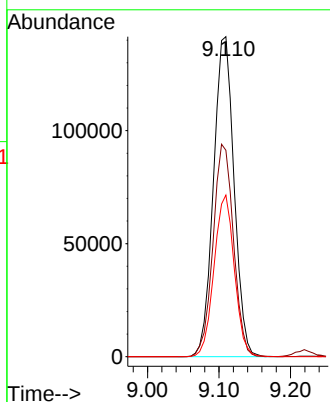
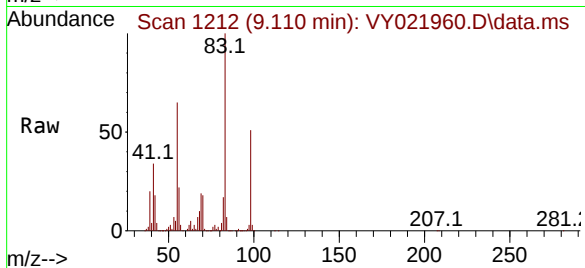
Tgt Ion: 83 Resp: 283178

Ion Ratio Lower Upper

83 100

55 64.5 50.6 75.8

98 50.5 38.6 58.0



#40

Benzene

Concen: 47.692 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021960.D

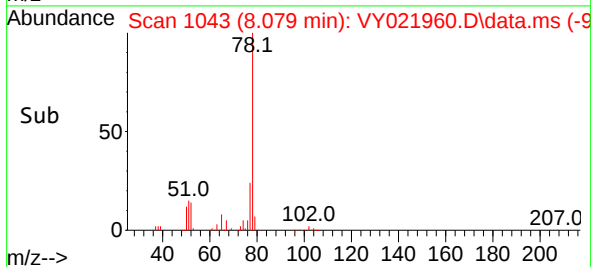
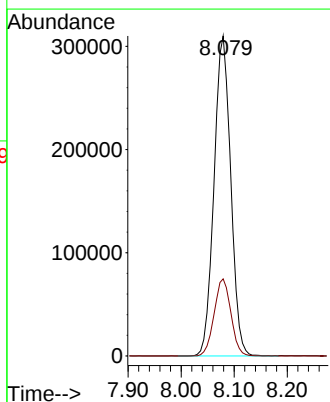
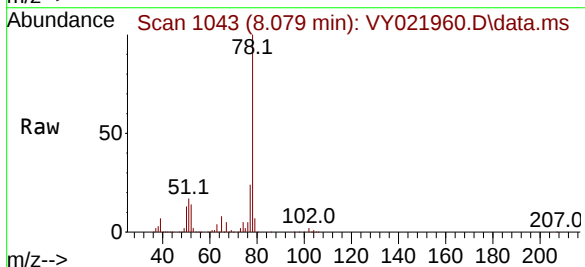
Acq: 22 Apr 2025 17:01

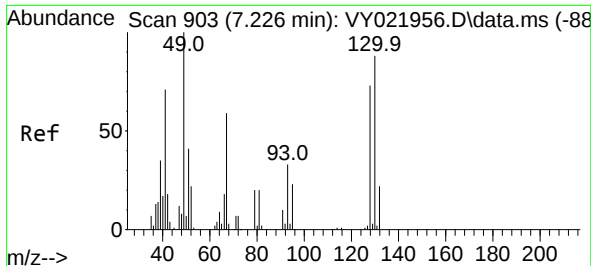
Tgt Ion: 78 Resp: 677917

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

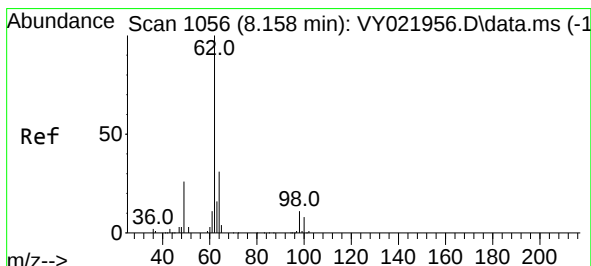
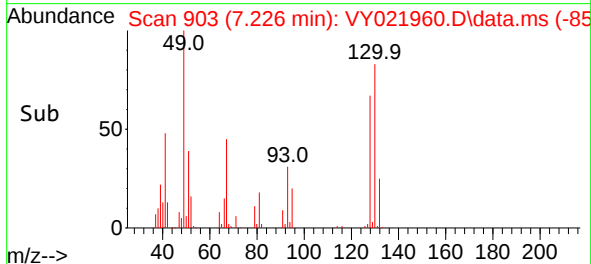
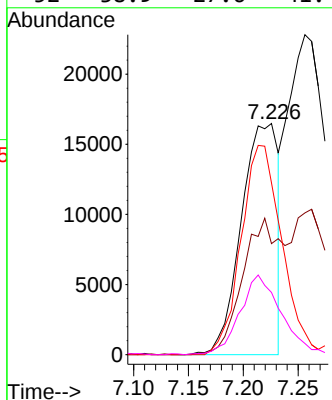
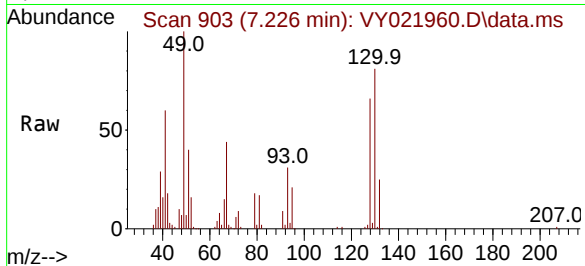




#41
Methacrylonitrile
Concen: 43.342 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

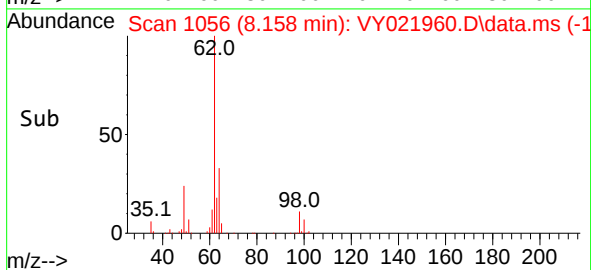
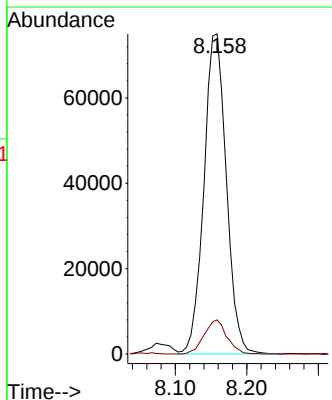
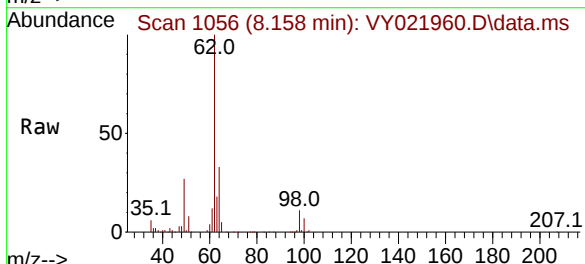
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

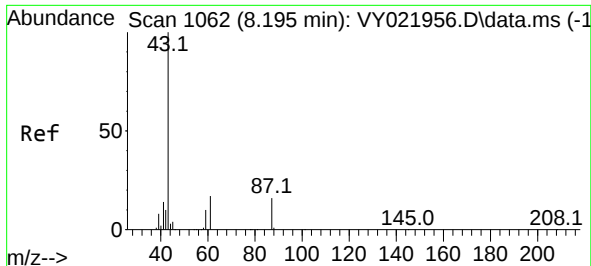
Tgt Ion: 41 Resp: 38694
Ion Ratio Lower Upper
41 100
39 62.5 36.6 55.0#
67 100.7 72.2 108.4
52 38.9 27.6 41.4



#42
1,2-Dichloroethane
Concen: 46.472 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 62 Resp: 163549
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

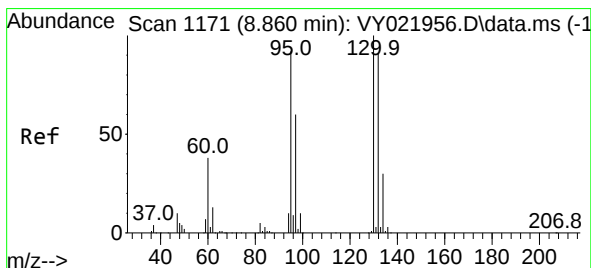
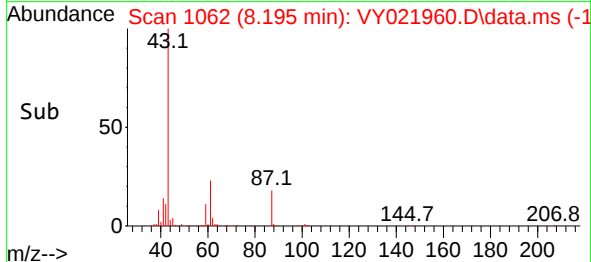
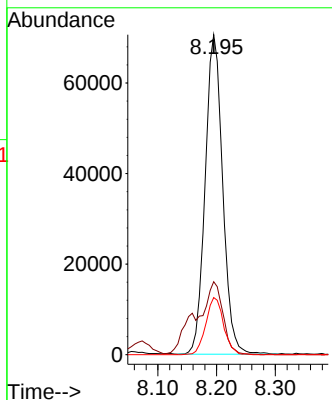
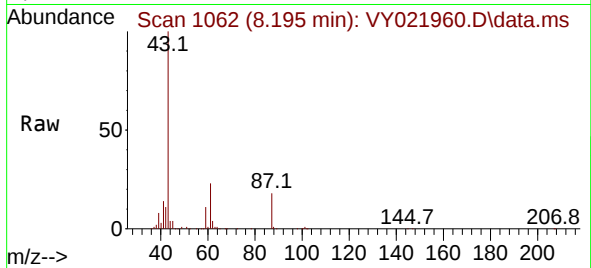




#43
Isopropyl Acetate
Concen: 46.545 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

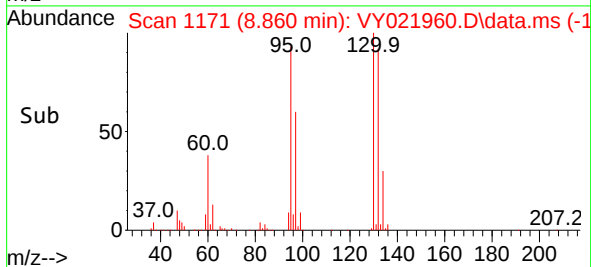
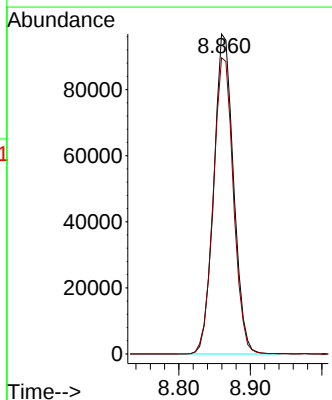
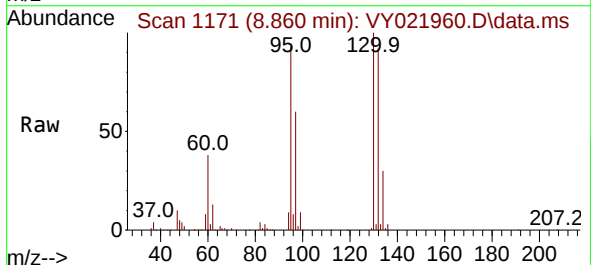
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

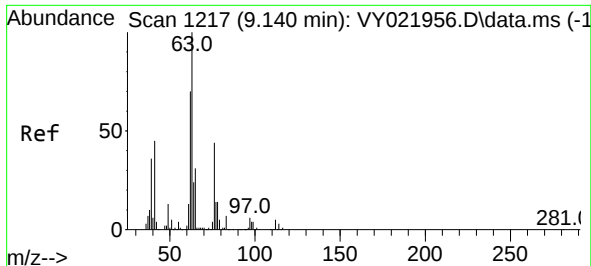
Tgt Ion: 43 Resp: 145980
Ion Ratio Lower Upper
43 100
61 22.8 18.9 28.3
87 18.2 13.7 20.5



#44
Trichloroethene
Concen: 47.027 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:130 Resp: 185153
Ion Ratio Lower Upper
130 100
95 92.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 47.326 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

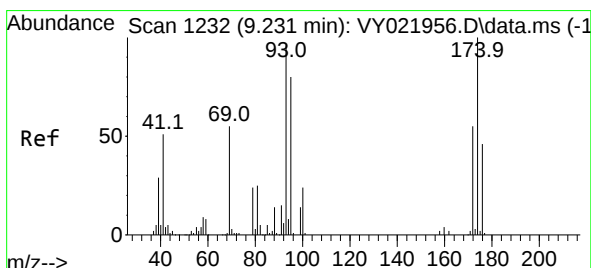
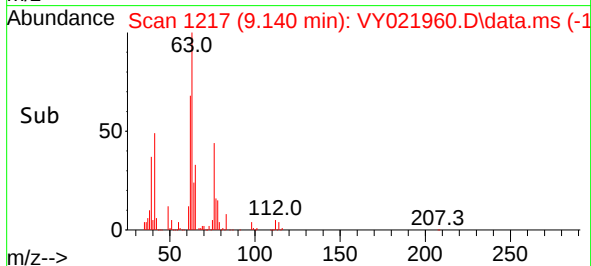
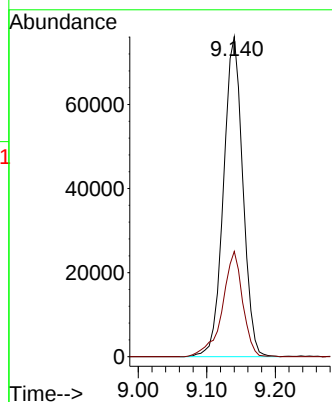
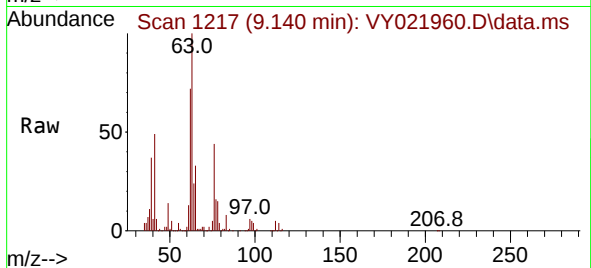
ICVVY042225

Tgt Ion: 63 Resp: 148767

Ion Ratio Lower Upper

63 100

65 32.9 25.2 37.8



#46

Dibromomethane

Concen: 46.578 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

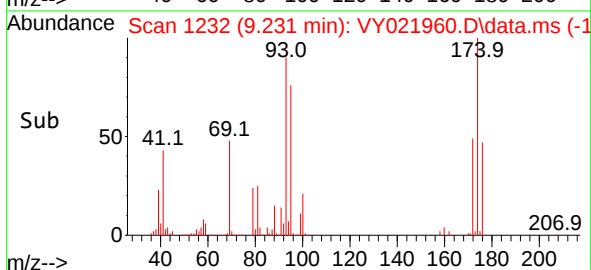
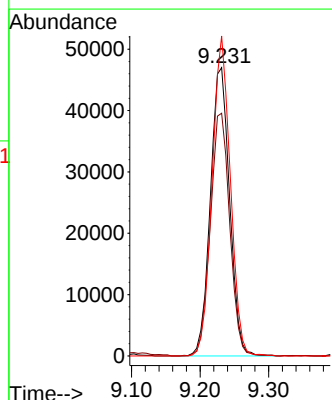
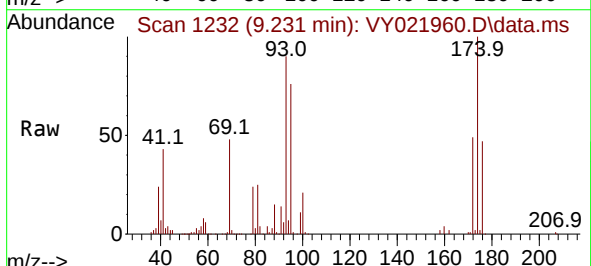
Tgt Ion: 93 Resp: 91655

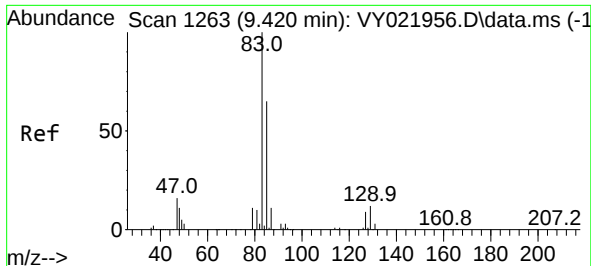
Ion Ratio Lower Upper

93 100

95 84.8 66.7 100.1

174 105.0 84.6 127.0

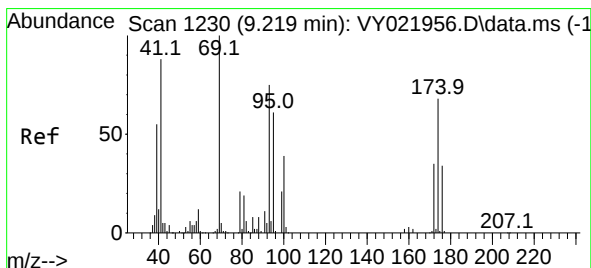
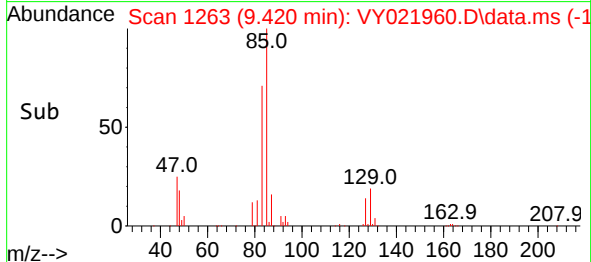
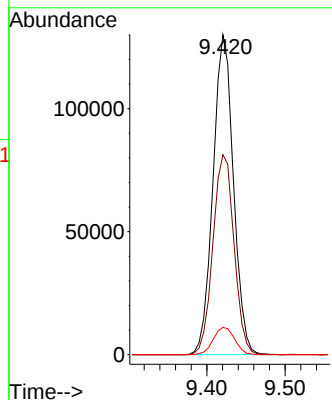
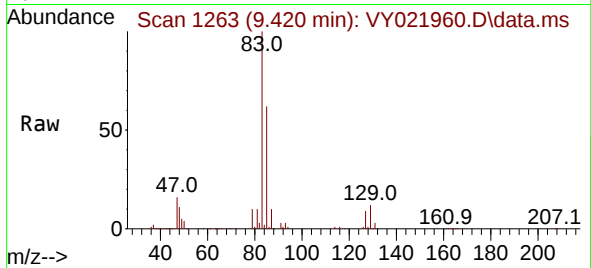




#47
Bromodichloromethane
Concen: 47.955 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

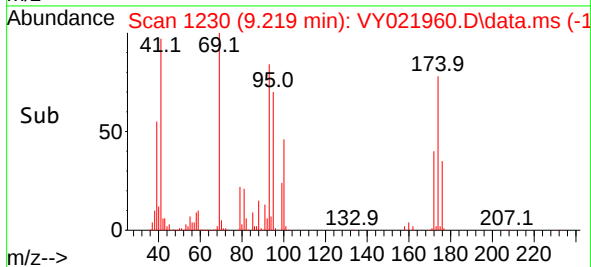
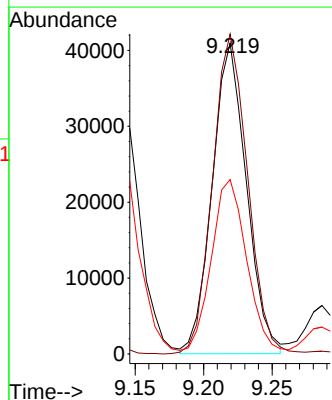
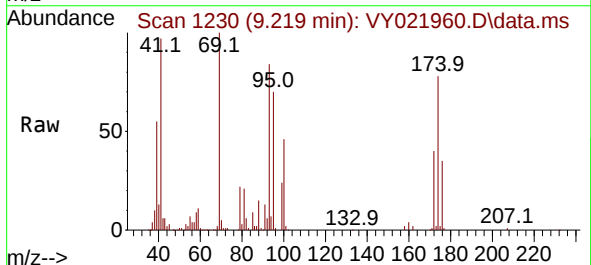
Instrument :
MSVOA_Y
ClientSampleId :
ICVY042225

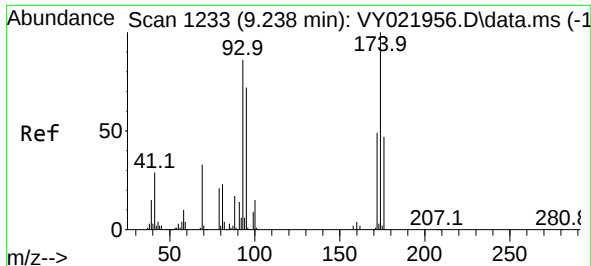
Tgt Ion: 83 Resp: 235736
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 49.090 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 41 Resp: 71174
Ion Ratio Lower Upper
41 100
69 105.2 85.5 128.3
39 55.9 46.2 69.4





#49

1,4-Dioxane

Concen: 951.409 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

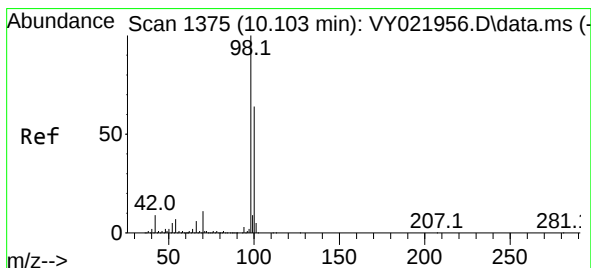
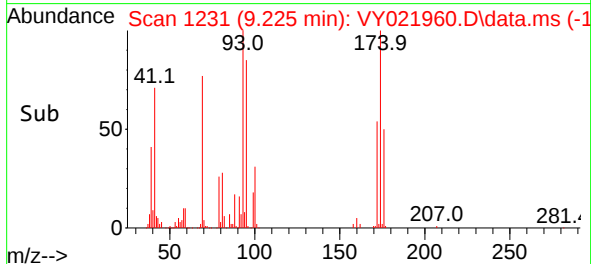
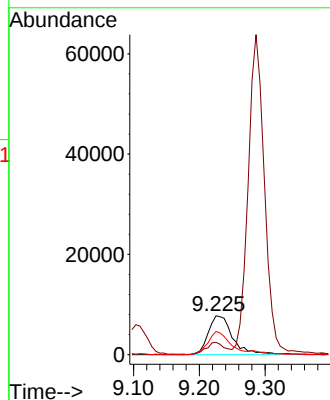
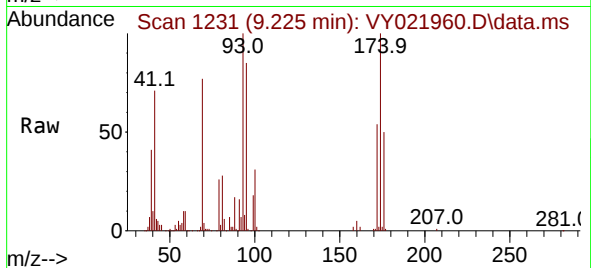
Tgt Ion: 88 Resp: 19954

Ion Ratio Lower Upper

88 100

43 25.4 21.3 31.9

58 53.4 50.5 75.7



#50

Toluene-d8

Concen: 50.539 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021960.D

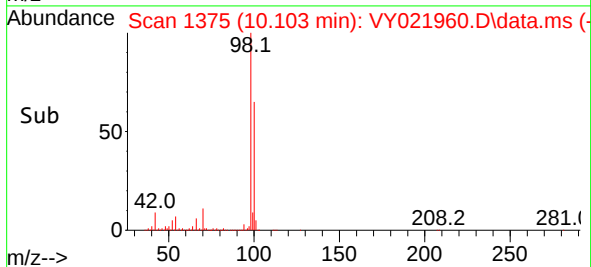
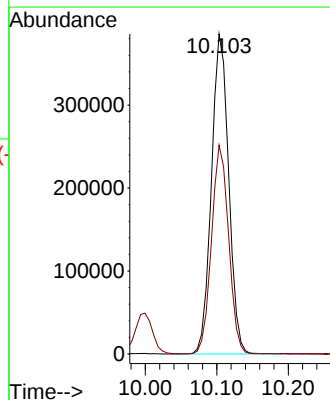
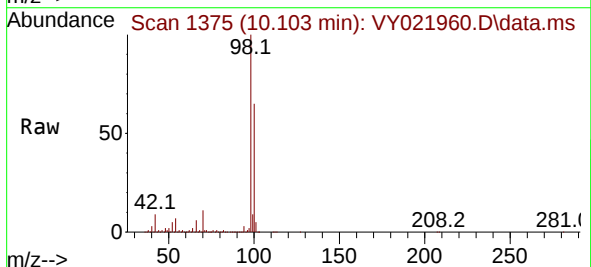
Acq: 22 Apr 2025 17:01

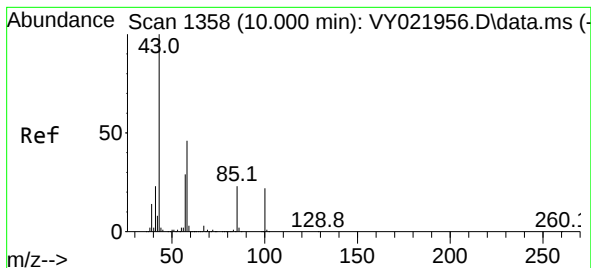
Tgt Ion: 98 Resp: 644989

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

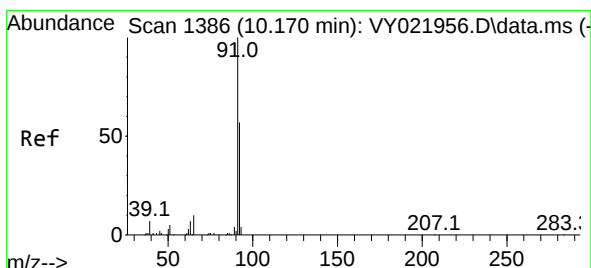
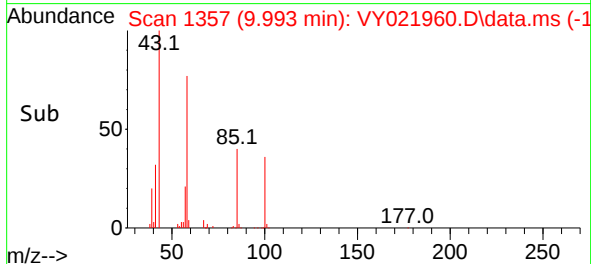
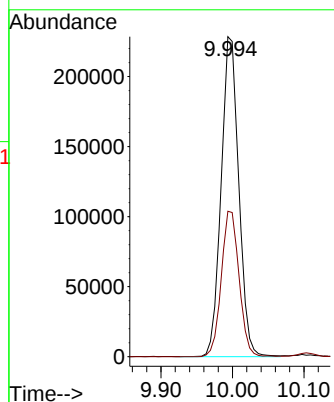
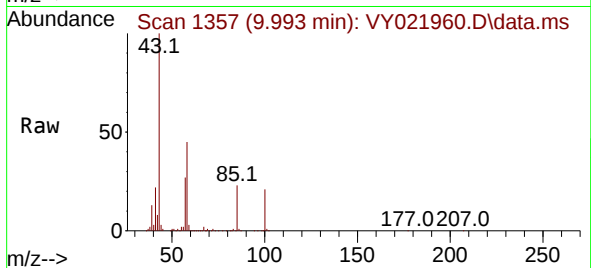




#51
4-Methyl-2-Pentanone
Concen: 237.972 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

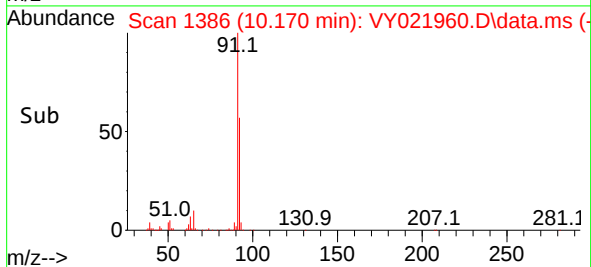
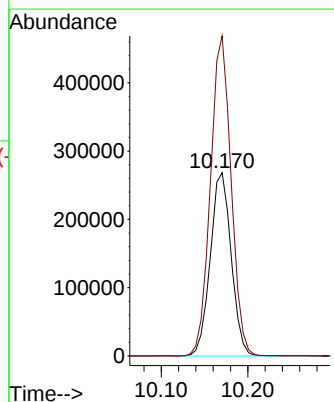
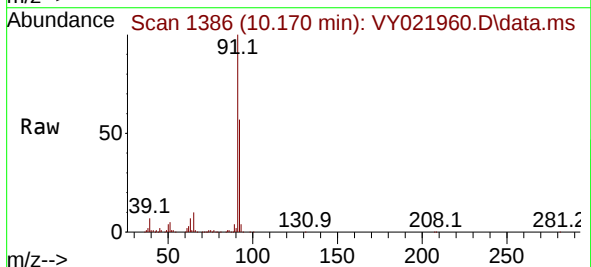
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

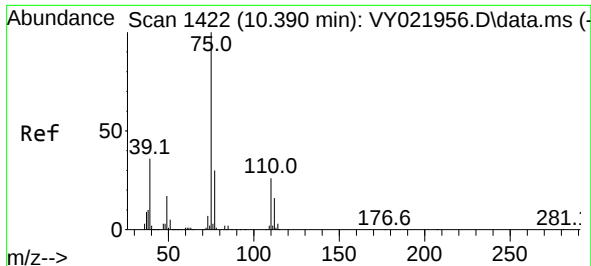
Tgt Ion: 43 Resp: 391245
Ion Ratio Lower Upper
43 100
58 45.8 36.6 55.0



#52
Toluene
Concen: 48.774 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 92 Resp: 448774
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8

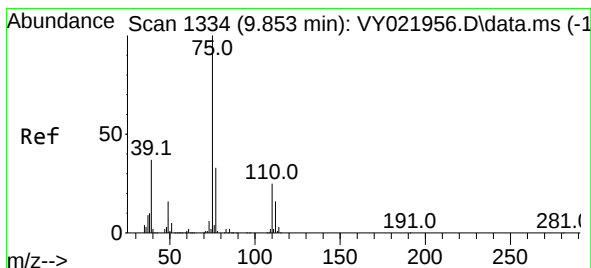
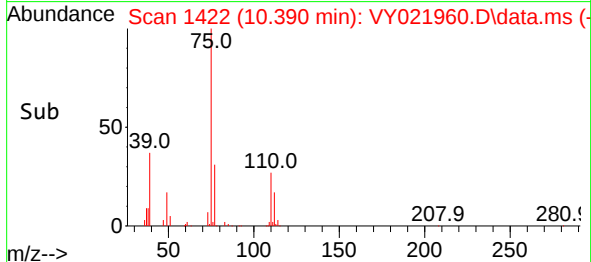
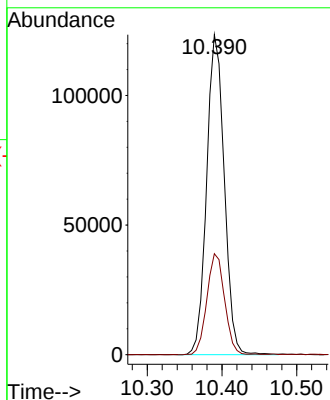
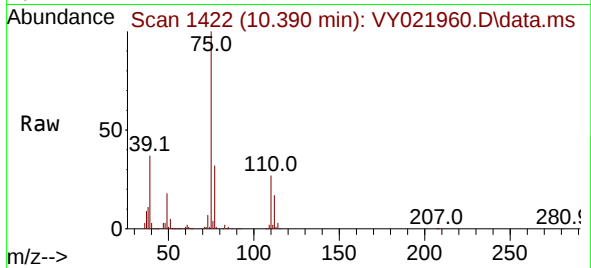




#53
 t-1,3-Dichloropropene
 Concen: 47.893 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

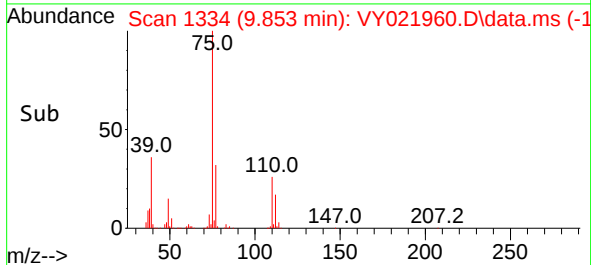
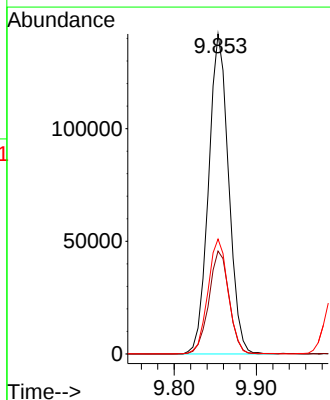
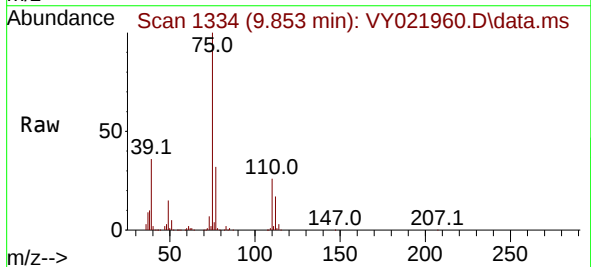
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042225

Tgt Ion: 75 Resp: 201939
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.122 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 241197
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.6 40.0
 39 35.9 29.6 44.4



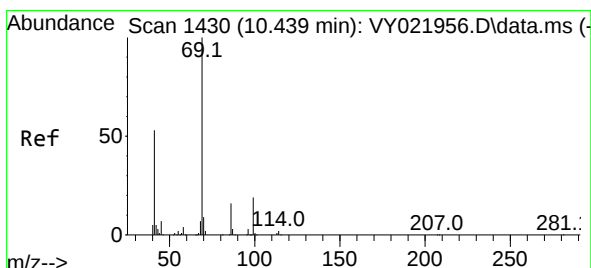
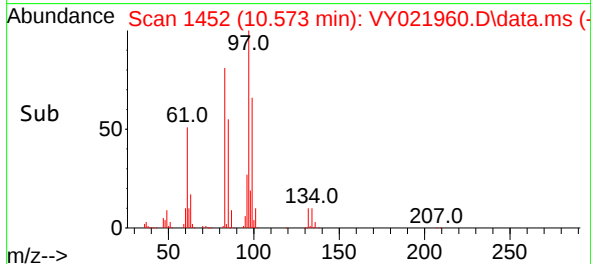
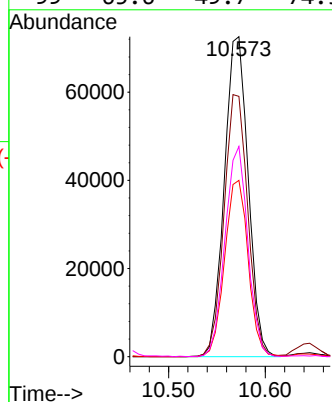
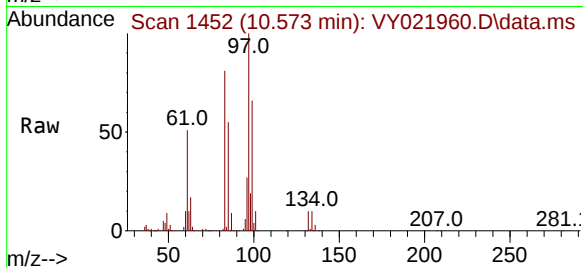


#55
1,1,2-Trichloroethane
Concen: 47.403 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Tgt Ion: 97 Resp: 124598

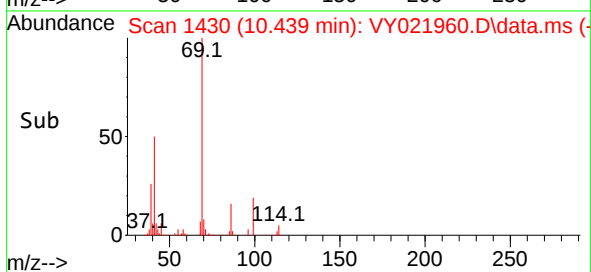
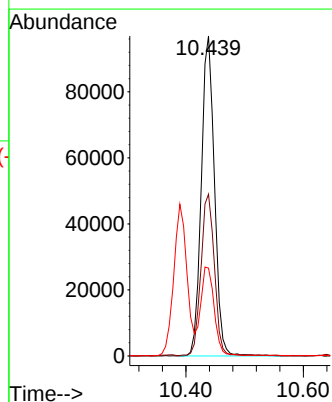
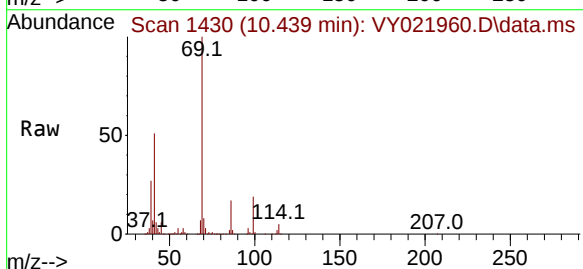
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.7	100.1
85	55.1	42.6	64.0
99	65.6	49.7	74.5

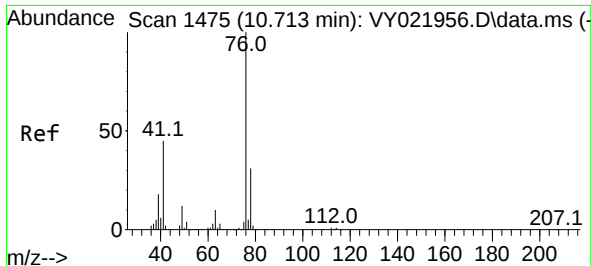


#56
Ethyl methacrylate
Concen: 50.188 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 69 Resp: 150855

Ion	Ratio	Lower	Upper
69	100		
41	51.3	40.7	61.1
39	28.3	23.3	34.9





#57

1,3-Dichloropropane

Concen: 47.024 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

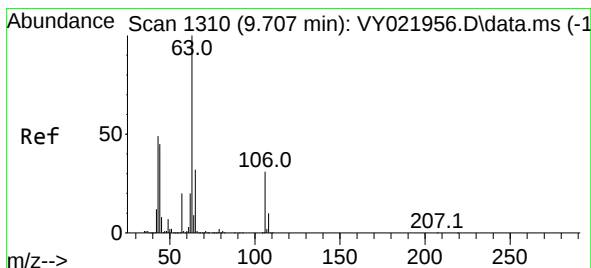
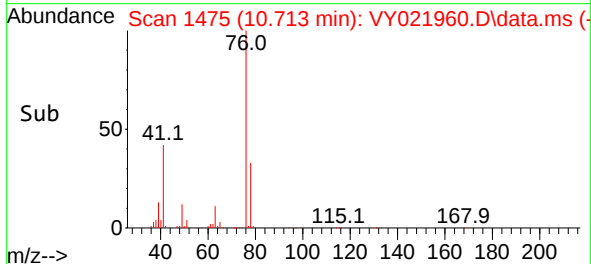
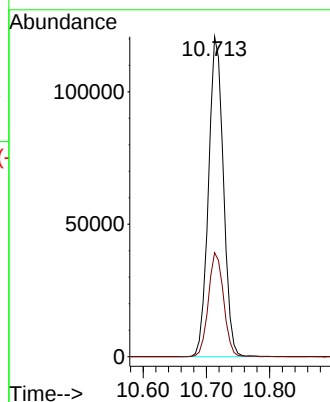
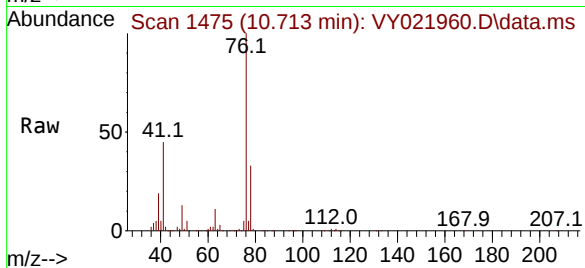
ICVY042225

Tgt Ion: 76 Resp: 198147

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.928 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021960.D

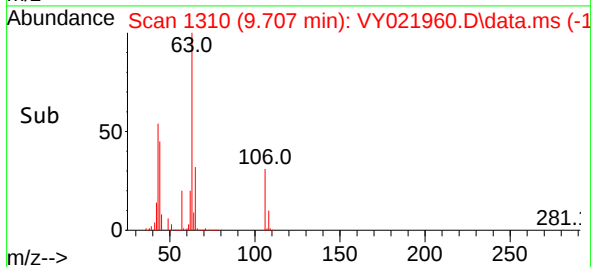
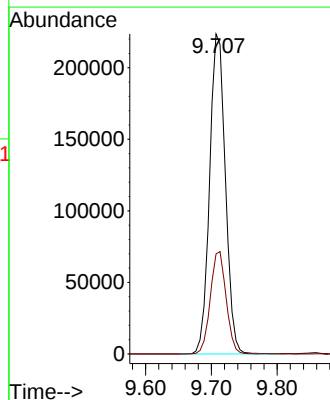
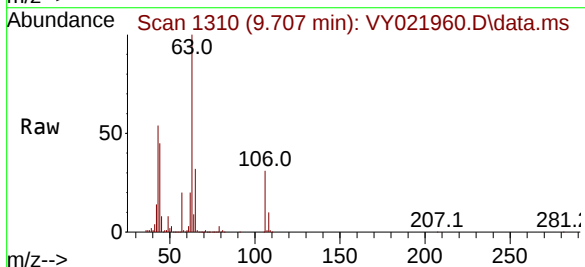
Acq: 22 Apr 2025 17:01

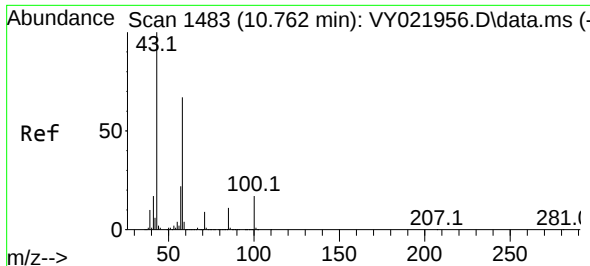
Tgt Ion: 63 Resp: 373183

Ion Ratio Lower Upper

63 100

106 32.0 25.3 37.9

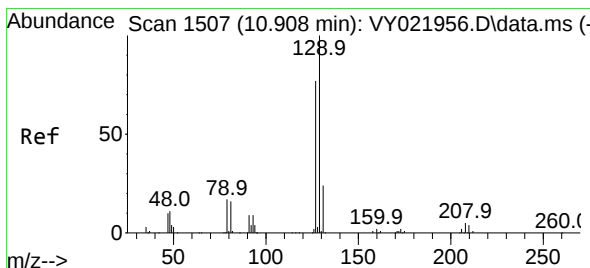
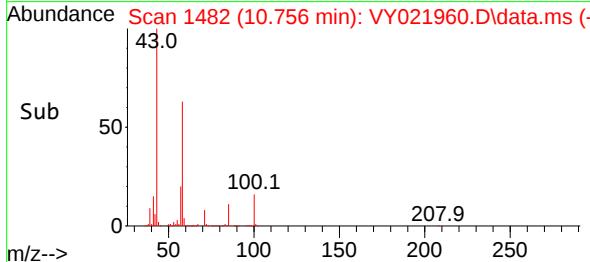
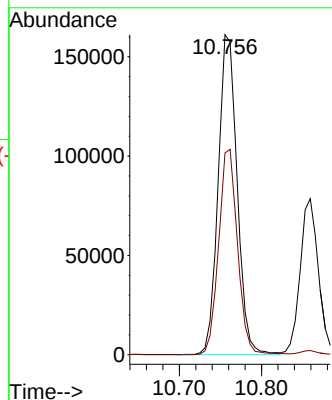
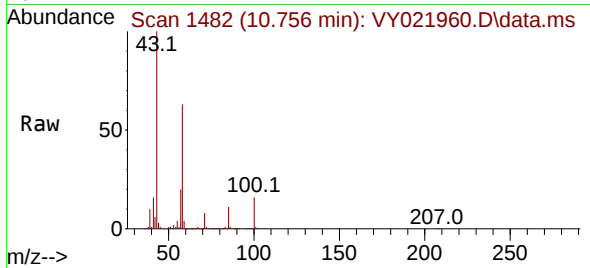




#59
2-Hexanone
Concen: 238.340 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

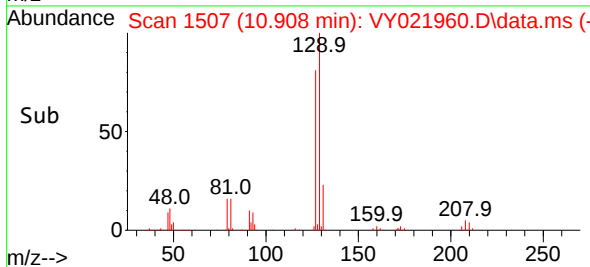
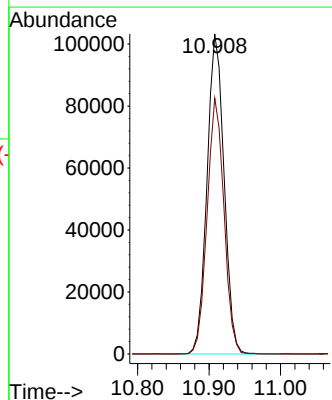
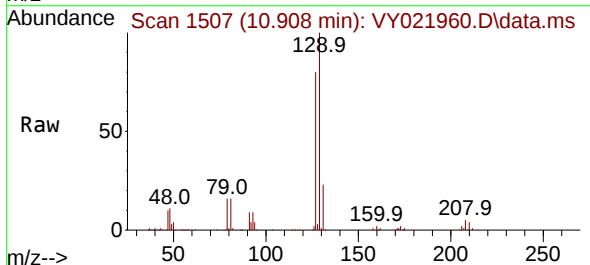
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

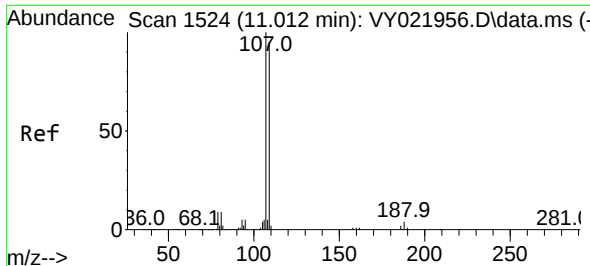
Tgt Ion: 43 Resp: 258458
Ion Ratio Lower Upper
43 100
58 63.9 32.0 96.0



#60
Dibromochloromethane
Concen: 46.882 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:129 Resp: 170608
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3

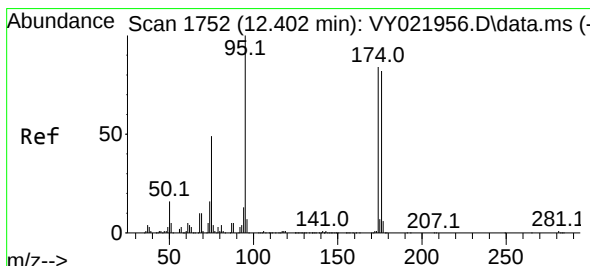
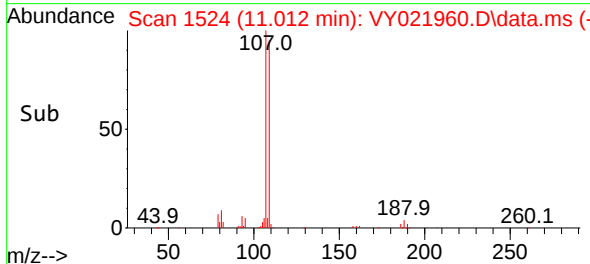
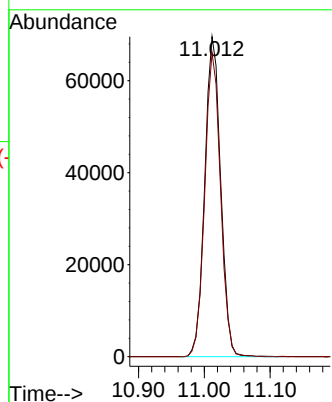
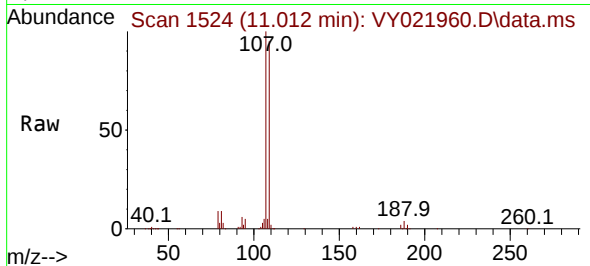




#61
1,2-Dibromoethane
Concen: 47.188 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

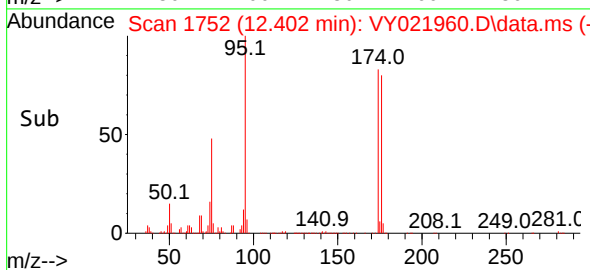
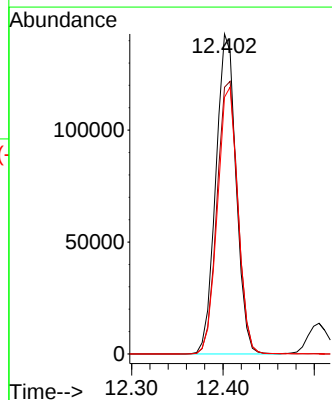
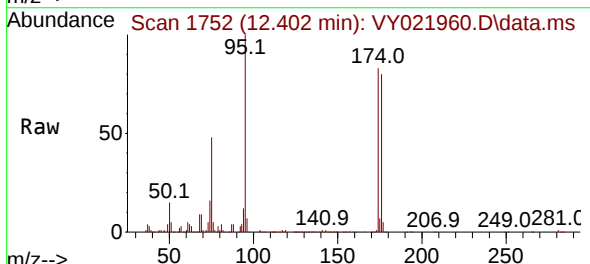
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

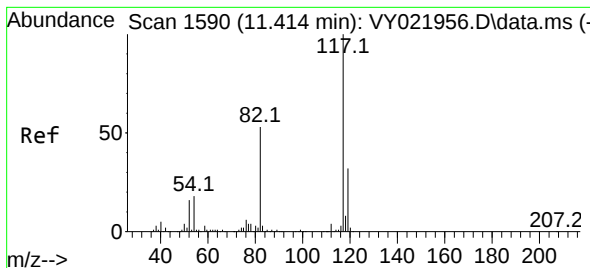
Tgt Ion:107 Resp: 117095
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 95 Resp: 219958
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 84.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

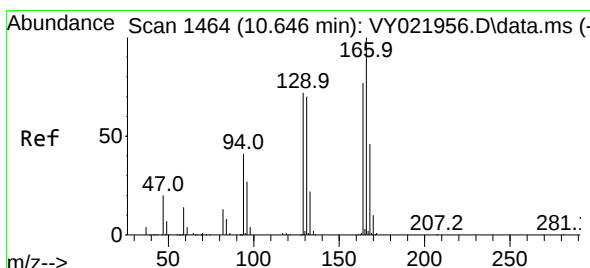
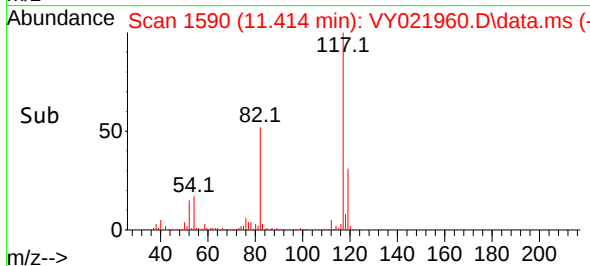
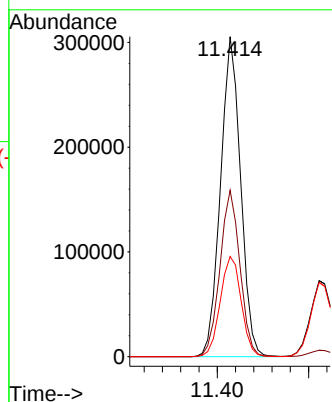
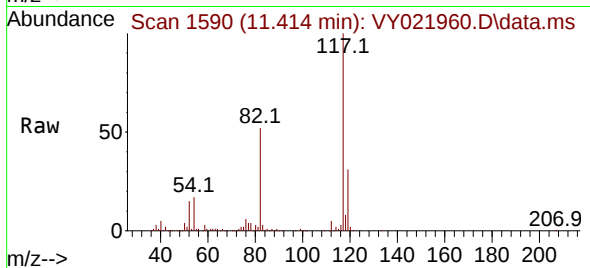
Tgt Ion:117 Resp: 467094

Ion Ratio Lower Upper

117 100

82 52.0 42.1 63.1

119 31.3 25.7 38.5



#64

Tetrachloroethene

Concen: 46.550 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Tgt Ion:164 Resp: 205118

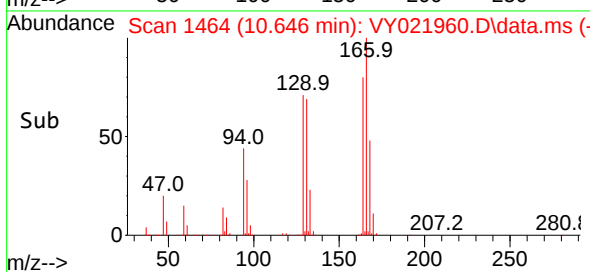
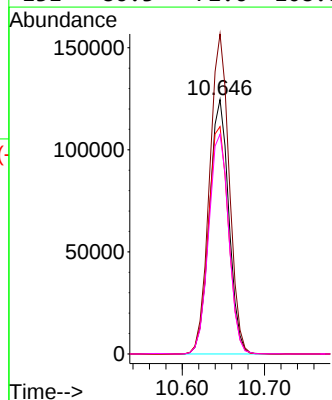
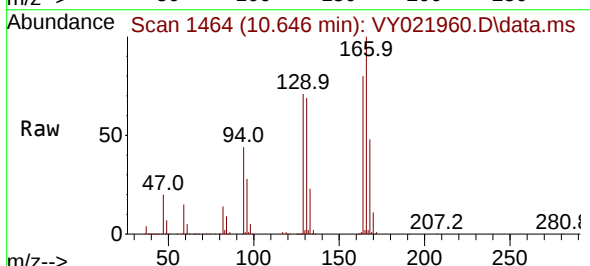
Ion Ratio Lower Upper

164 100

166 125.8 103.6 155.4

129 89.4 74.2 111.4

131 86.3 72.6 108.8

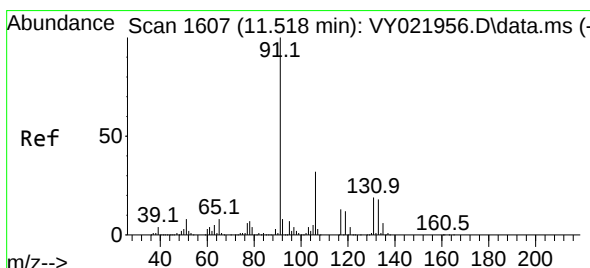
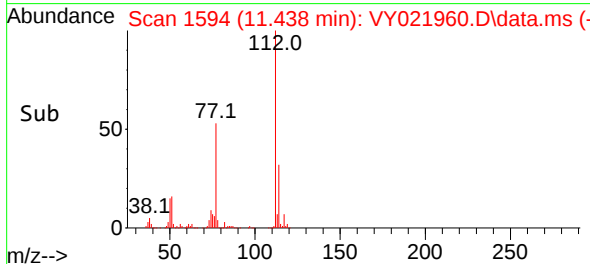
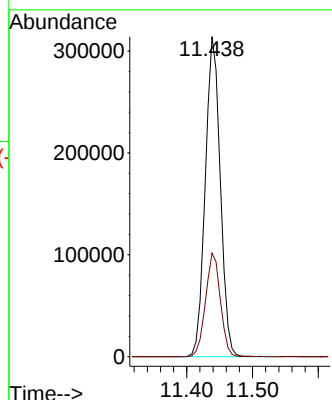
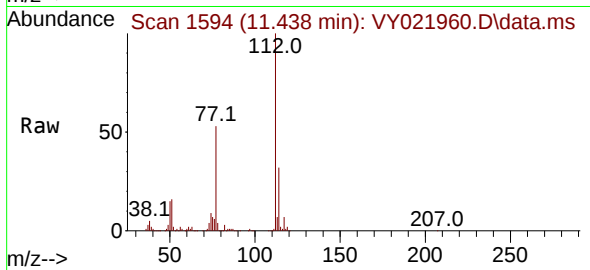




#65
Chlorobenzene
Concen: 47.734 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

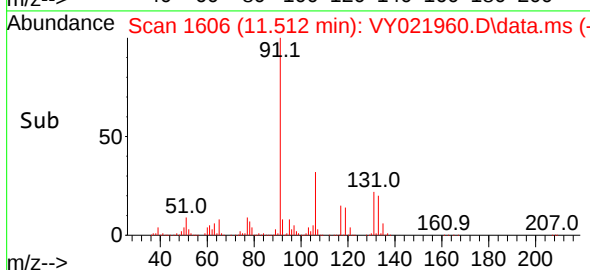
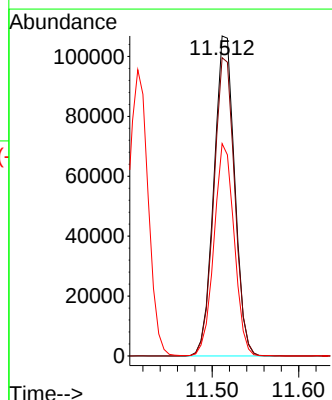
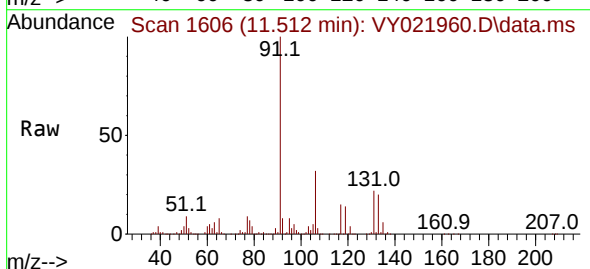
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

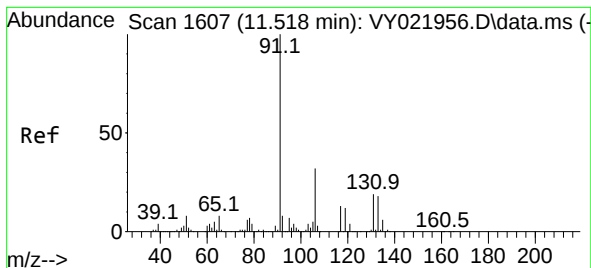
Tgt Ion:112 Resp: 498605
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.308 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:131 Resp: 177647
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 64.7 32.4 97.0





#67

Ethyl Benzene

Concen: 50.142 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

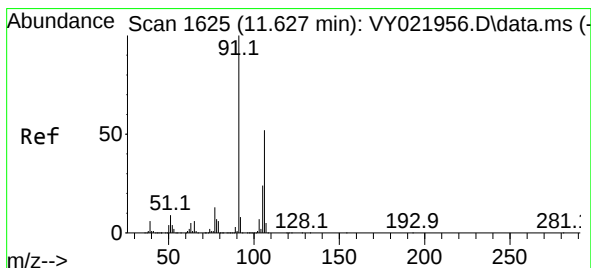
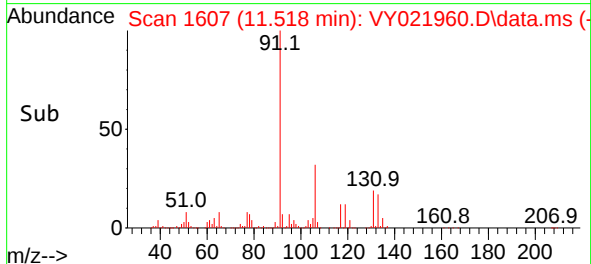
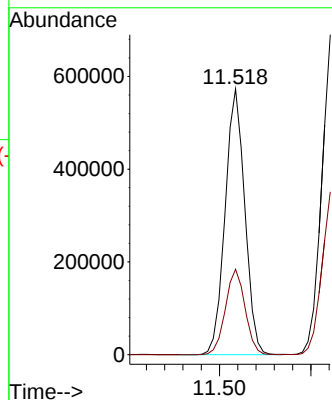
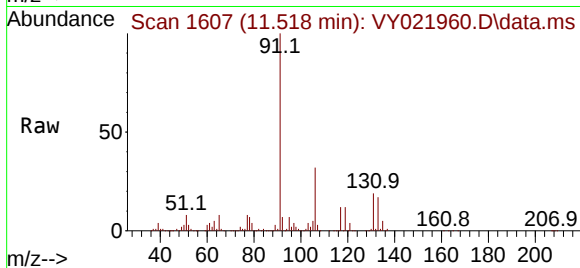
ICVVY042225

Tgt Ion: 91 Resp: 856779

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 101.181 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021960.D

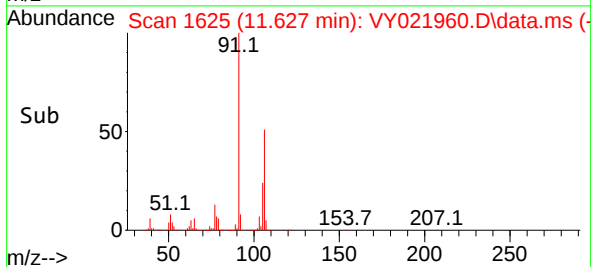
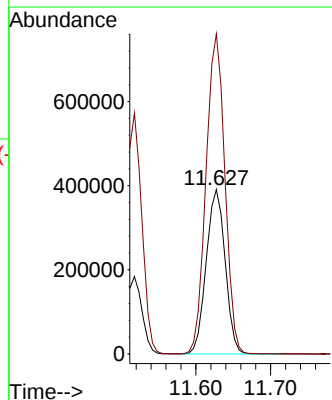
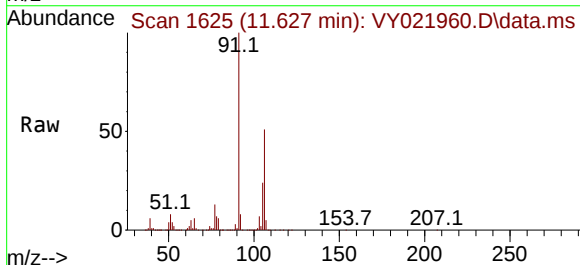
Acq: 22 Apr 2025 17:01

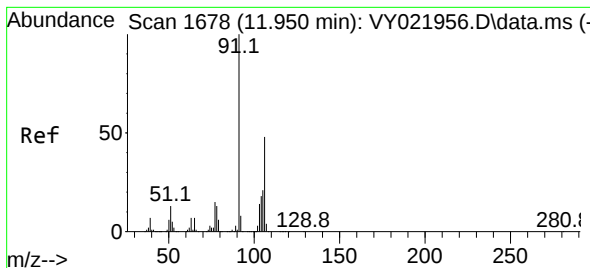
Tgt Ion: 106 Resp: 687961

Ion Ratio Lower Upper

106 100

91 193.7 156.2 234.2

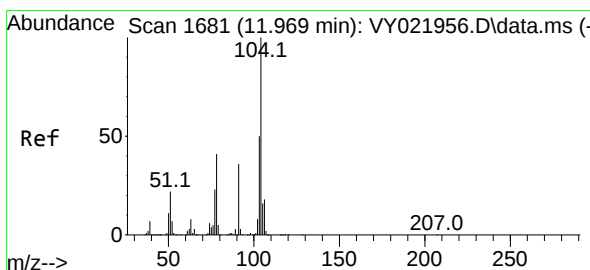
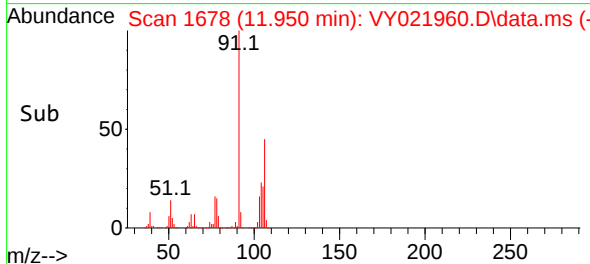
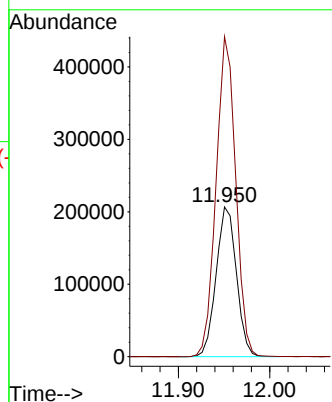
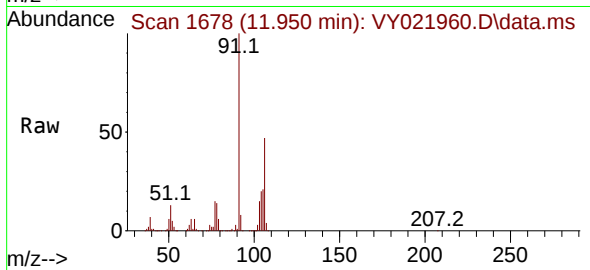




#69
o-Xylene
Concen: 50.949 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

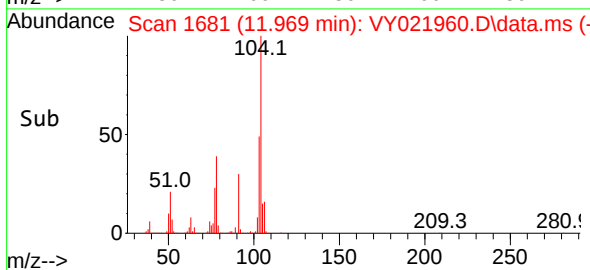
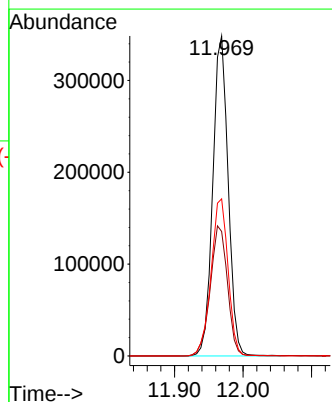
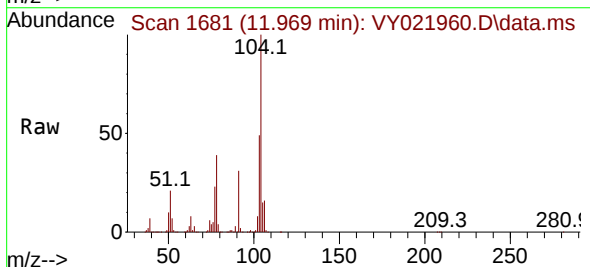
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

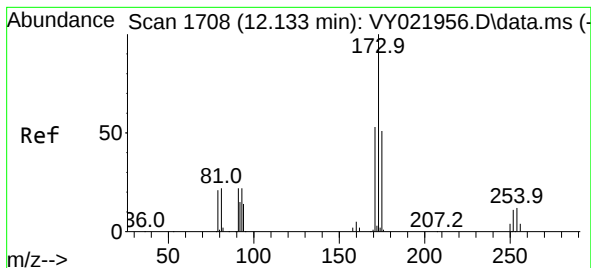
Tgt Ion:106 Resp: 319291
Ion Ratio Lower Upper
106 100
91 206.7 103.0 308.9



#70
Styrene
Concen: 51.513 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:104 Resp: 542034
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 47.821 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

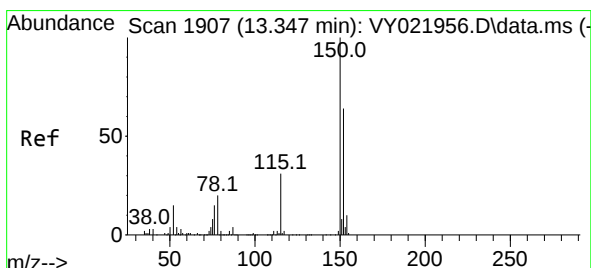
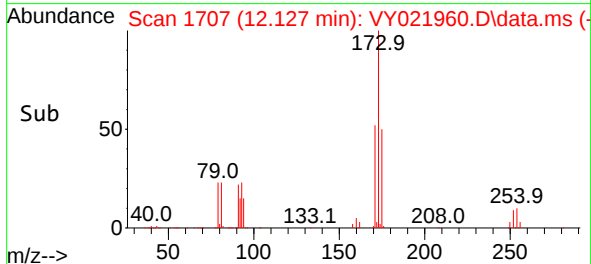
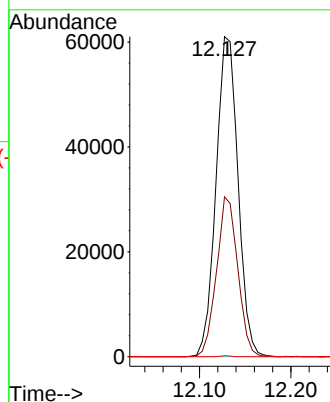
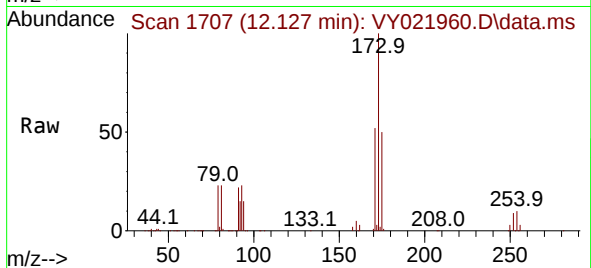
Tgt Ion:173 Resp: 102241

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

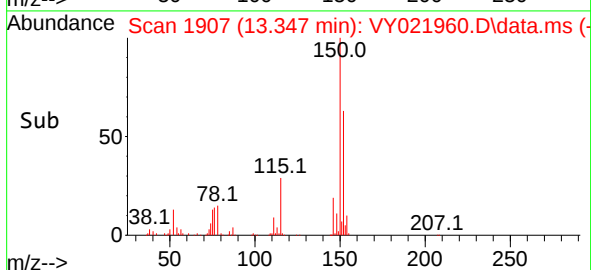
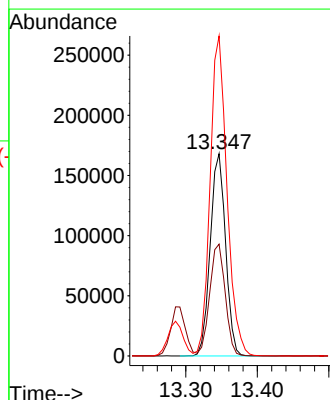
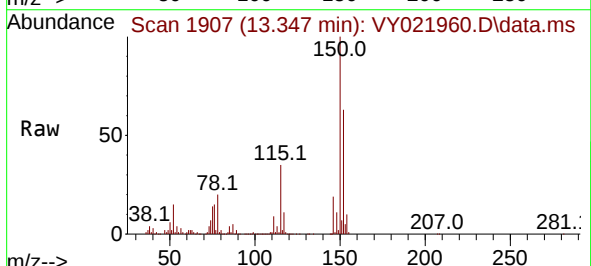
Tgt Ion:152 Resp: 250602

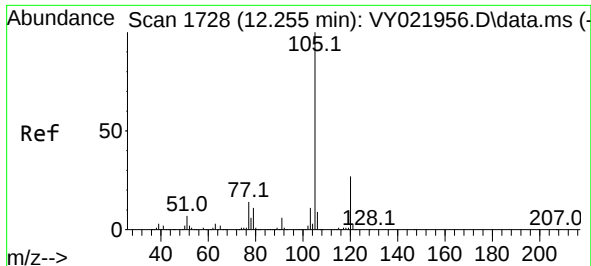
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 173.6 0.0 345.6

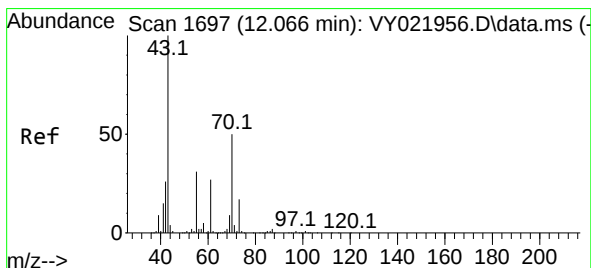
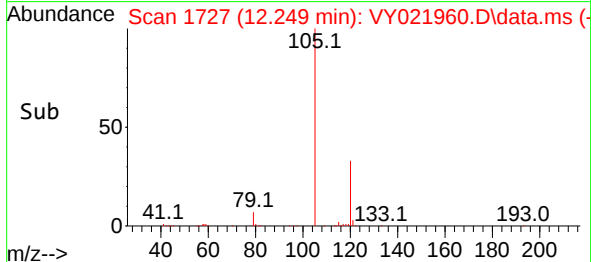
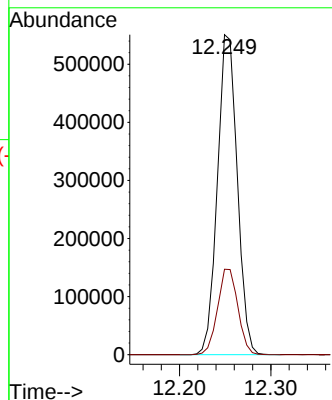
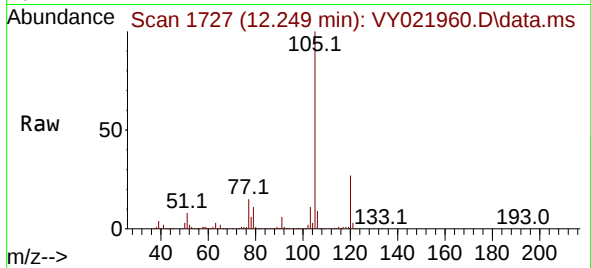




#73
Isopropylbenzene
Concen: 49.765 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

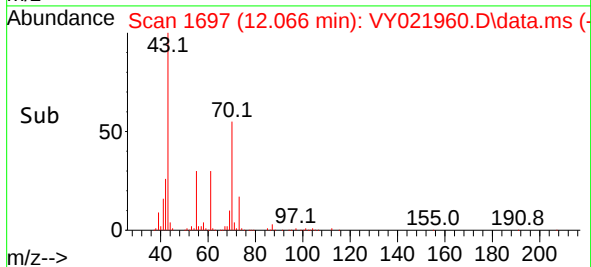
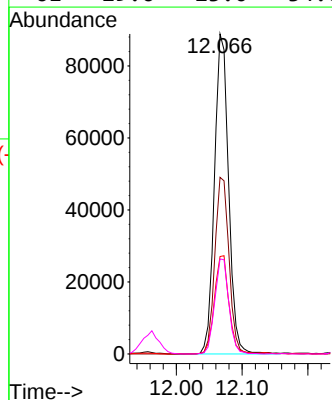
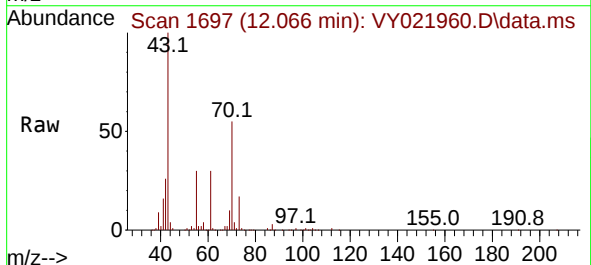
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

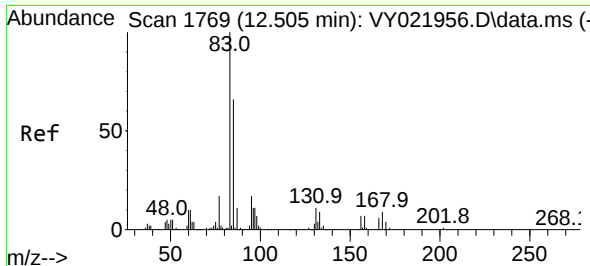
Tgt Ion:105 Resp: 833210
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5



#74
N-ethyl acetate
Concen: 46.264 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 133081
Ion Ratio Lower Upper
43 100
70 55.2 43.2 64.8
55 31.6 25.7 38.5
61 29.6 23.0 34.6

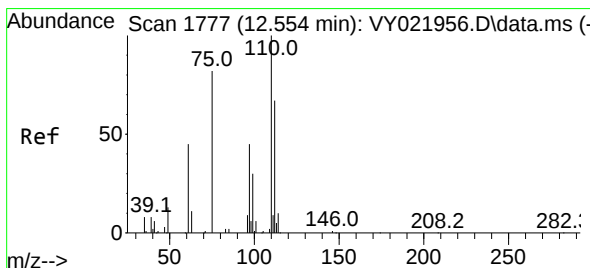
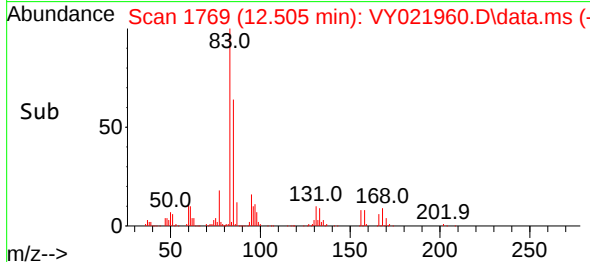
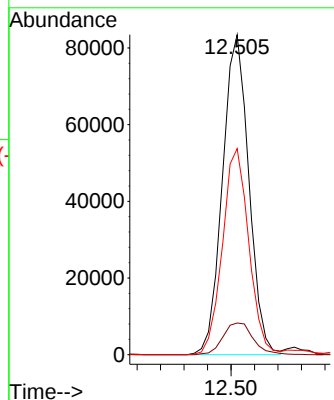
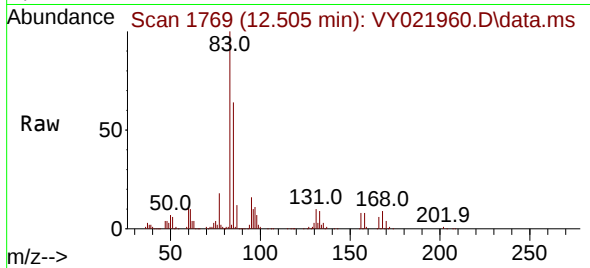




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.078 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

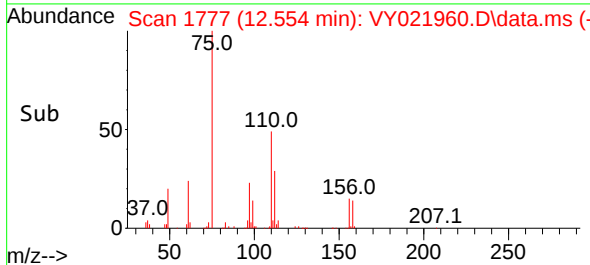
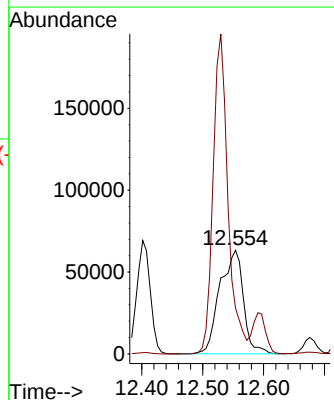
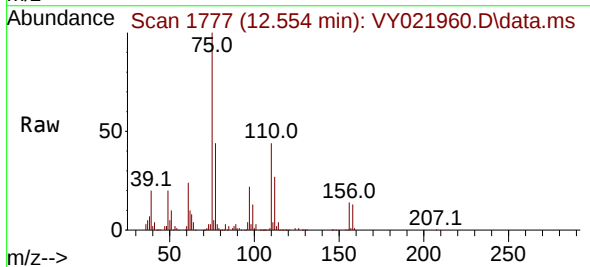
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042225

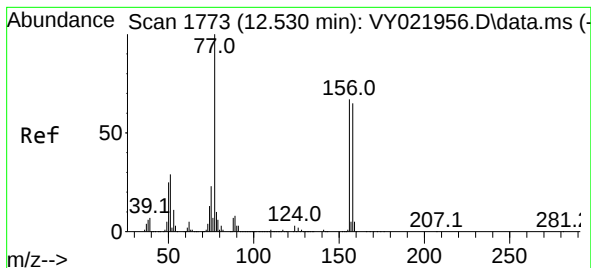
Tgt Ion: 83 Resp: 130070
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.5 16.4
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 79.189 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 169982
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.741 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

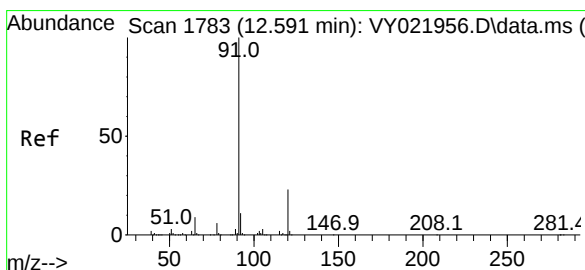
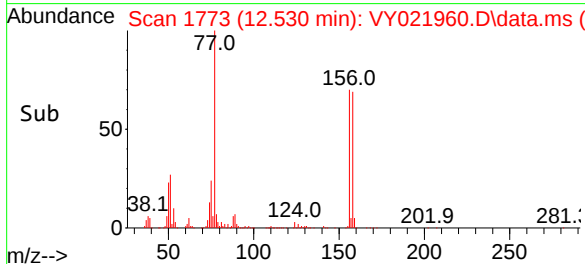
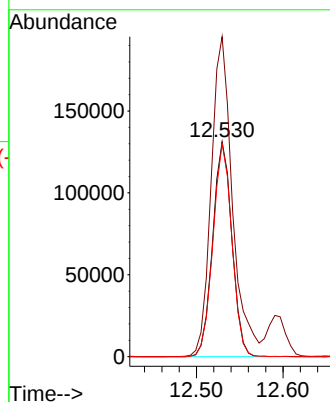
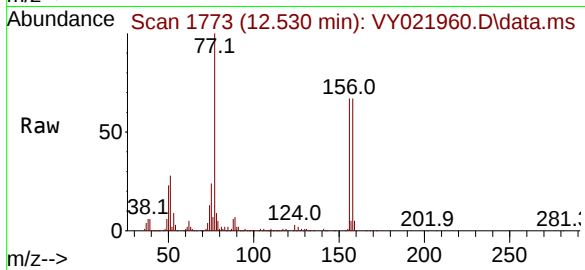
Tgt Ion:156 Resp: 201978

Ion Ratio Lower Upper

156 100

77 164.7 82.7 248.1

158 97.8 48.1 144.4



#78

n-propylbenzene

Concen: 49.907 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY021960.D

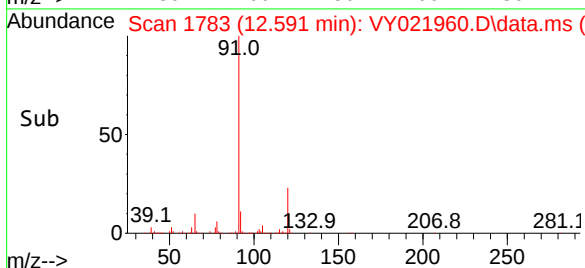
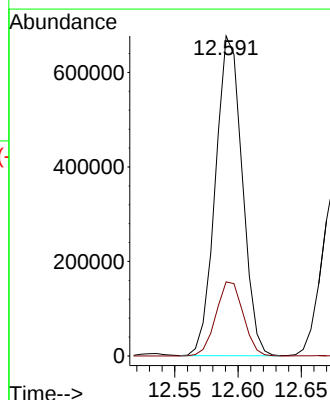
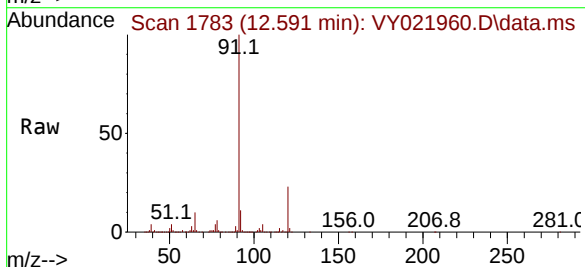
Acq: 22 Apr 2025 17:01

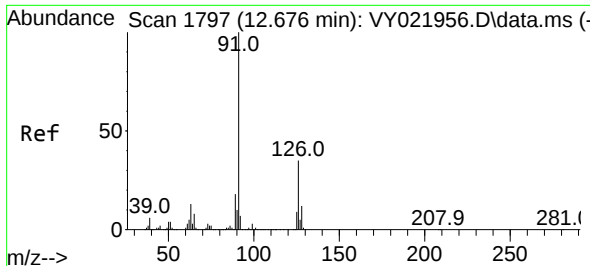
Tgt Ion: 91 Resp: 995089

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

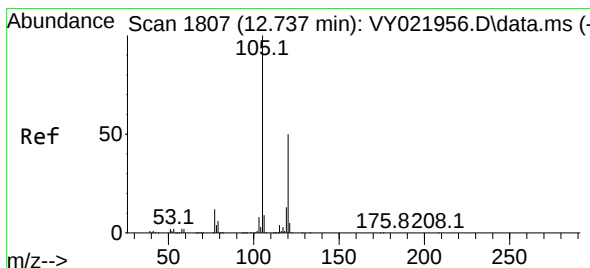
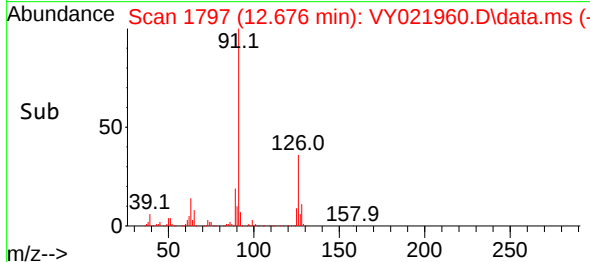
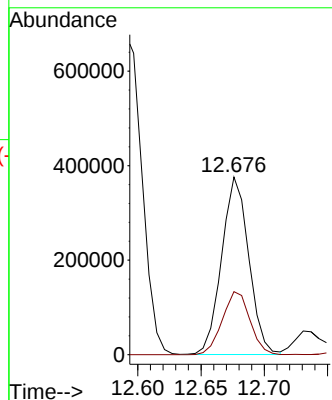
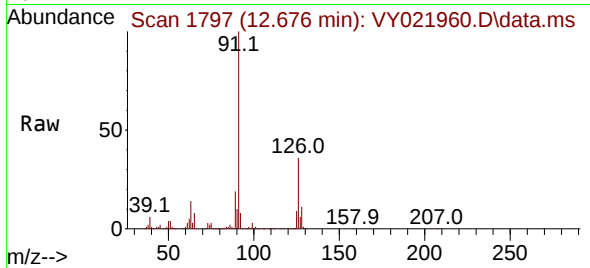




#79
2-Chlorotoluene
Concen: 48.351 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

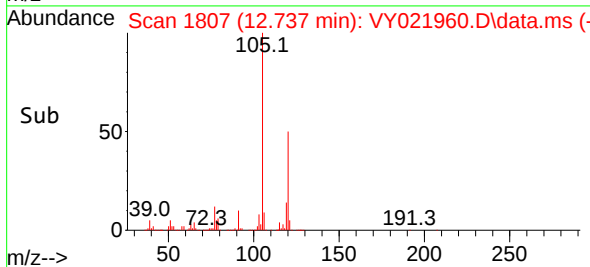
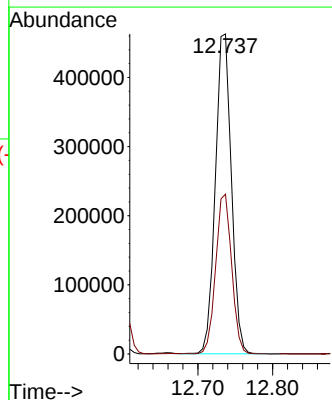
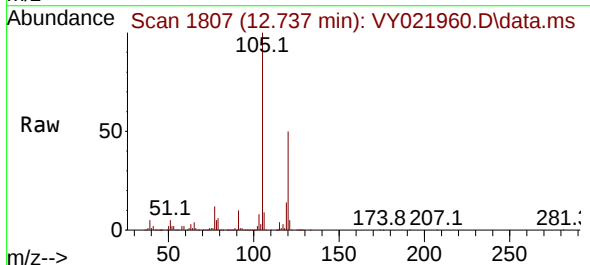
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

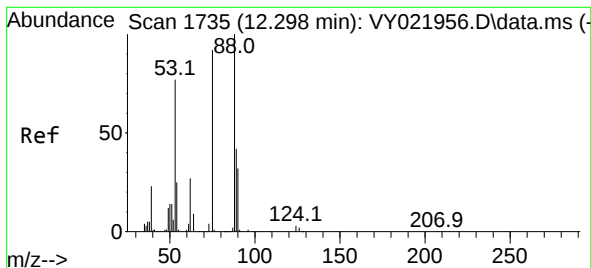
Tgt Ion: 91 Resp: 560663
Ion Ratio Lower Upper
91 100
126 36.3 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 50.131 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 105 Resp: 691575
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0

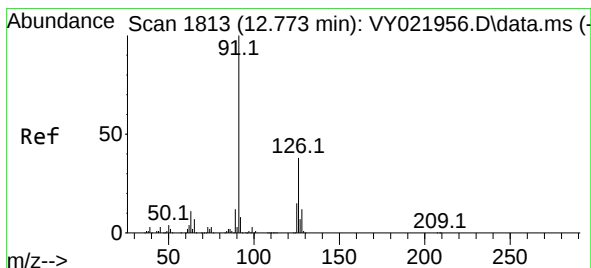
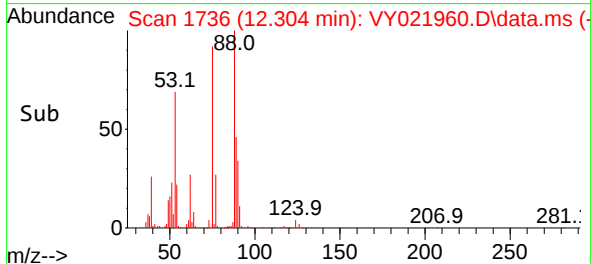
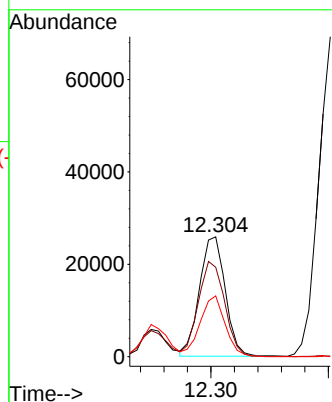
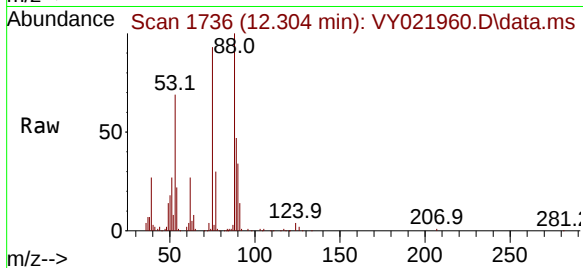




#81
trans-1,4-Dichloro-2-butene
Concen: 44.304 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

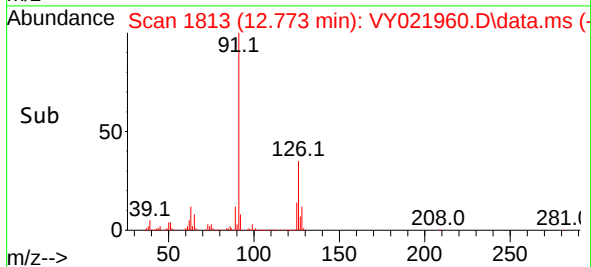
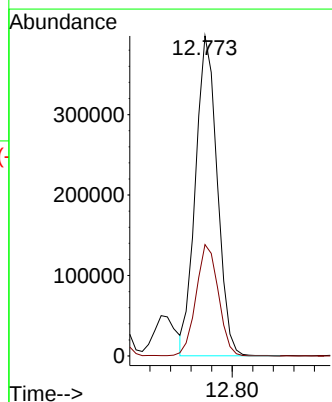
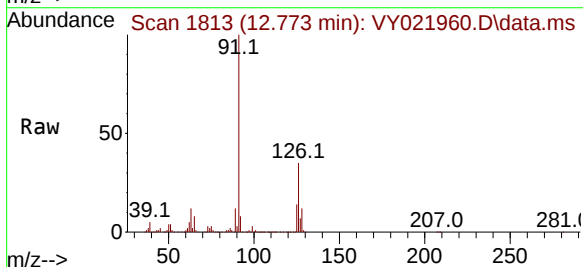
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

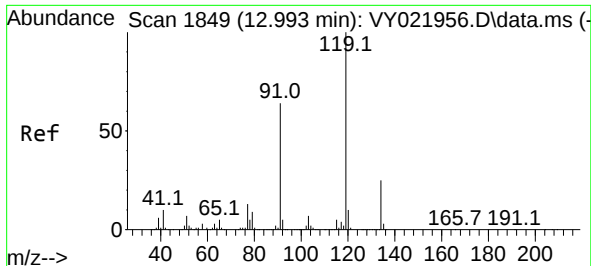
Tgt Ion: 75 Resp: 39491
Ion Ratio Lower Upper
75 100
53 82.0 66.0 99.0
89 49.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.406 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 91 Resp: 583487
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

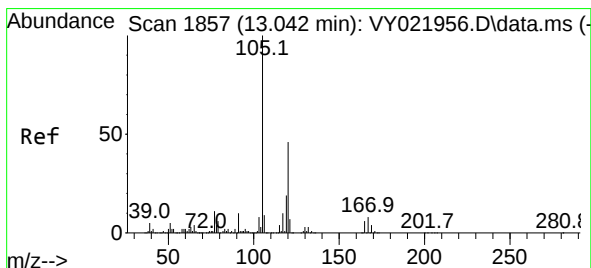
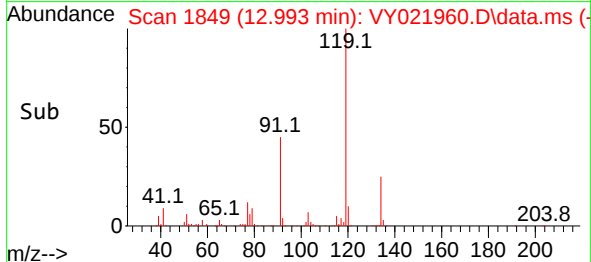
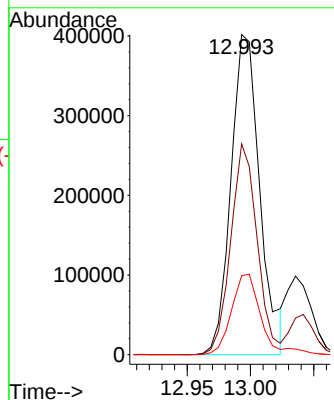
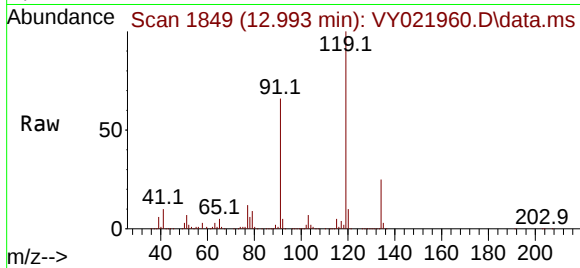




#83
 tert-Butylbenzene
 Concen: 51.499 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

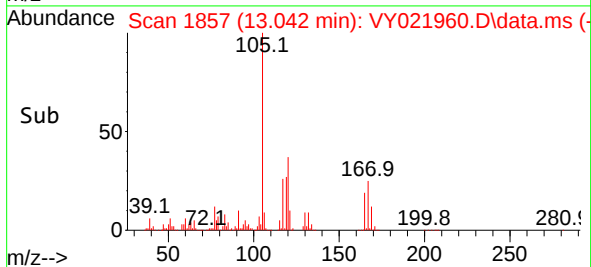
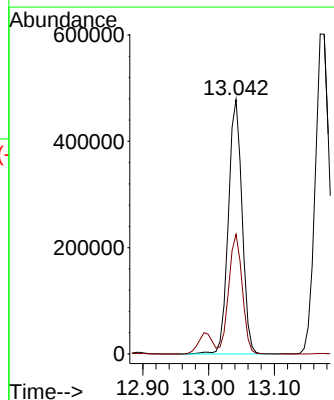
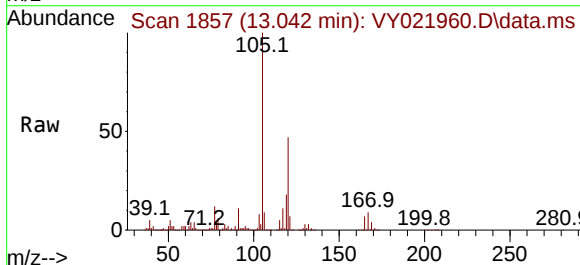
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042225

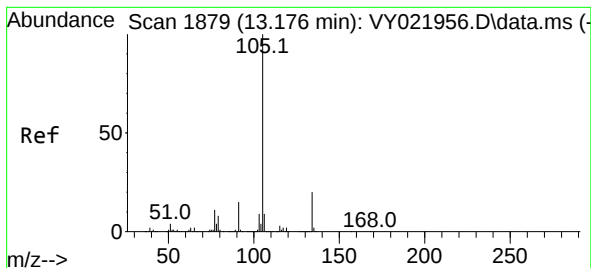
Tgt Ion:119 Resp: 637155
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.3 90.9
 134 25.7 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.285 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

Tgt Ion:105 Resp: 693849
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.397 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

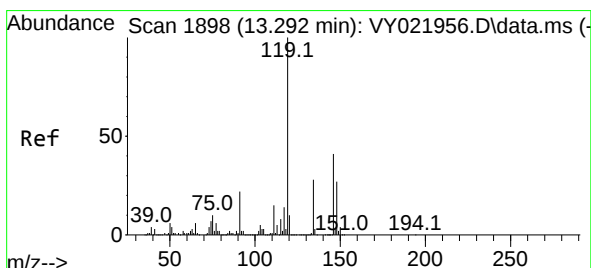
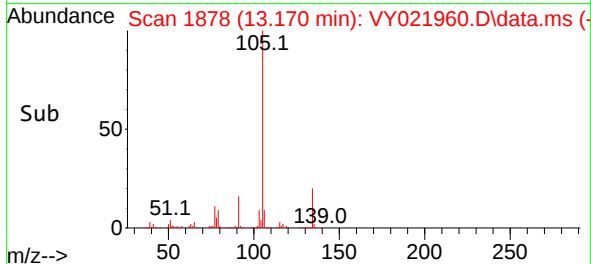
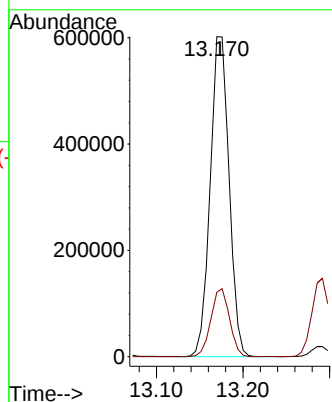
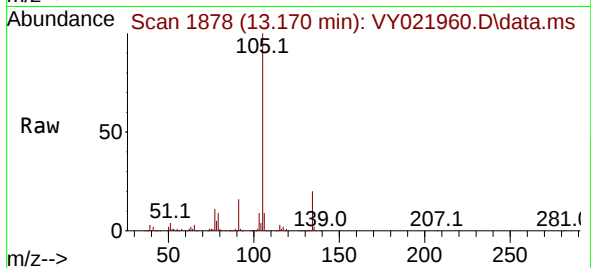
ICVVY042225

Tgt Ion:105 Resp: 912398

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.831 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

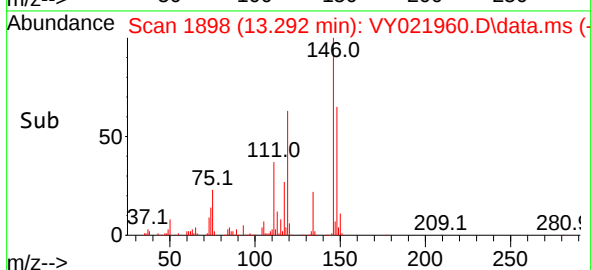
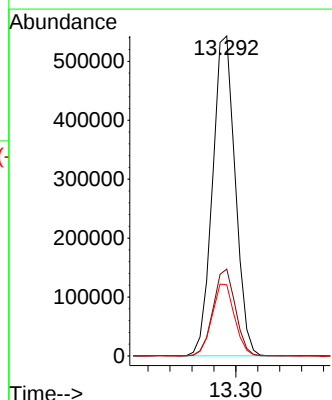
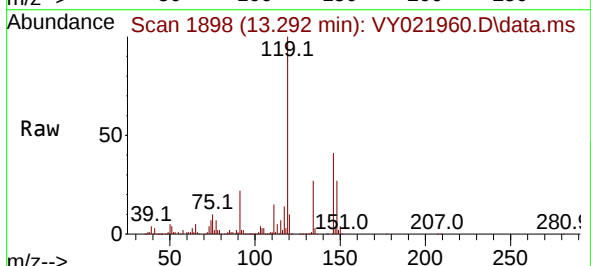
Tgt Ion:119 Resp: 781445

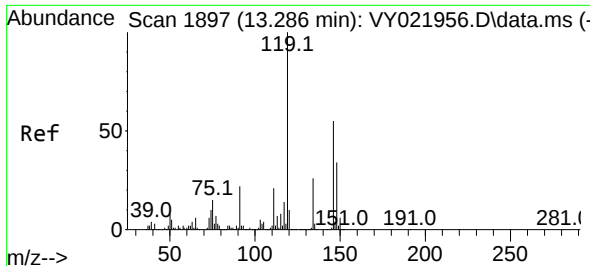
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.3 11.0 33.0

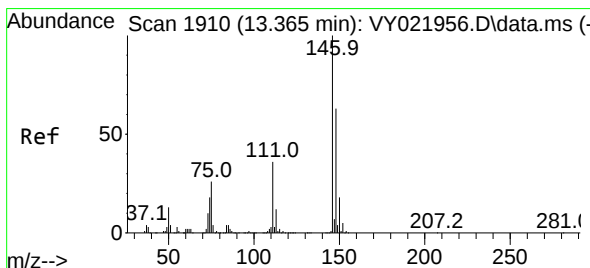
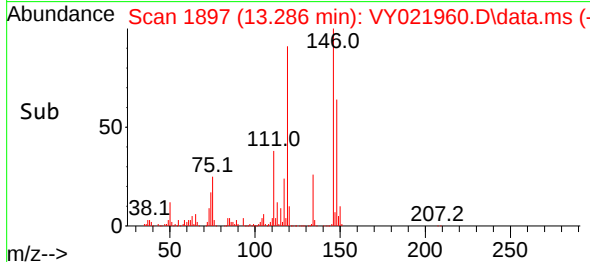
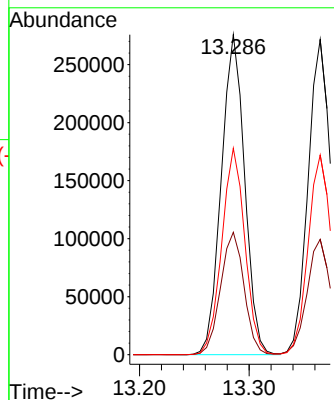
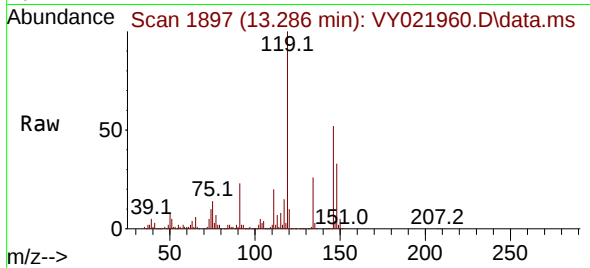




#87
 1,3-Dichlorobenzene
 Concen: 47.528 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

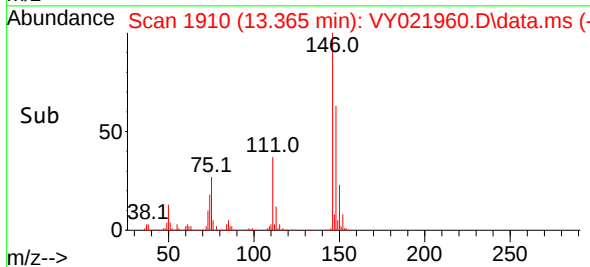
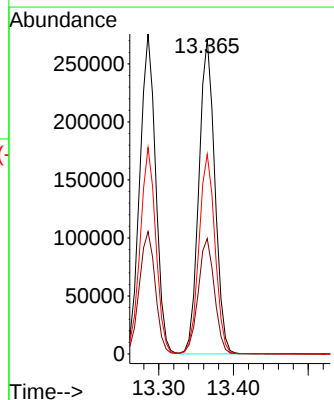
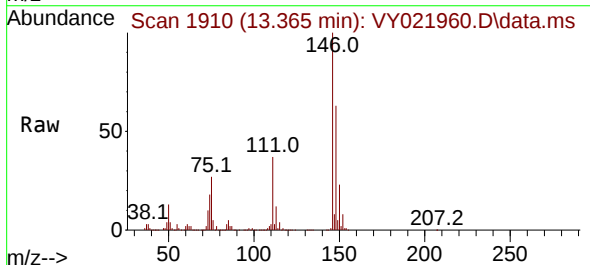
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042225

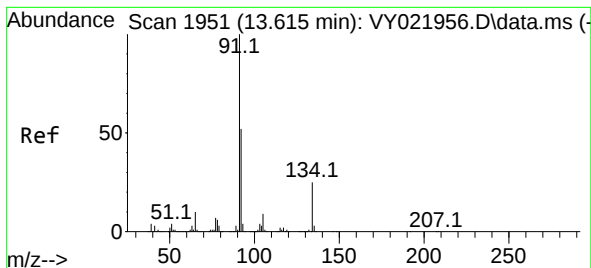
Tgt Ion:146 Resp: 408394
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.5
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.202 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021960.D
 Acq: 22 Apr 2025 17:01

Tgt Ion:146 Resp: 401694
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.2 57.6
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 50.209 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

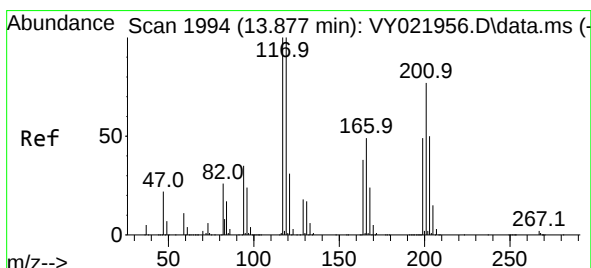
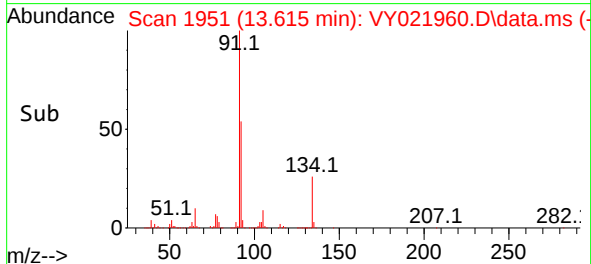
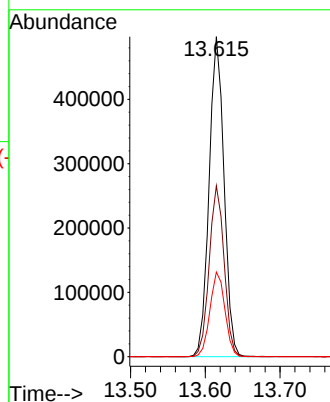
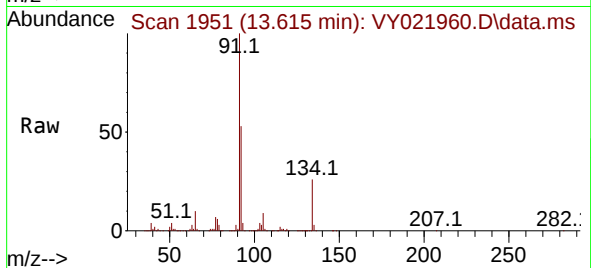
Tgt Ion: 91 Resp: 689937

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.5

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 47.410 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021960.D

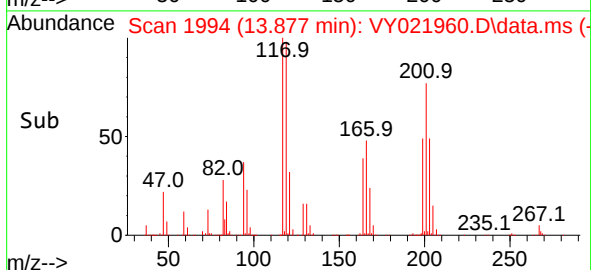
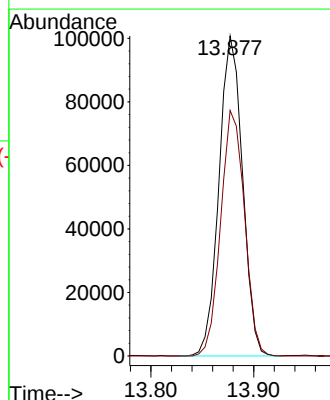
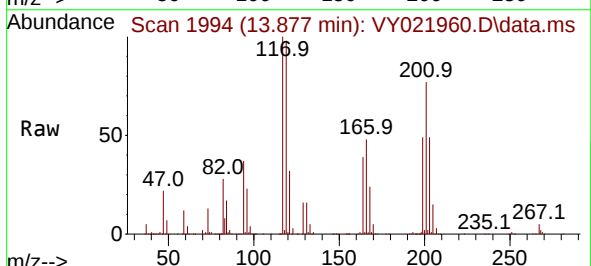
Acq: 22 Apr 2025 17:01

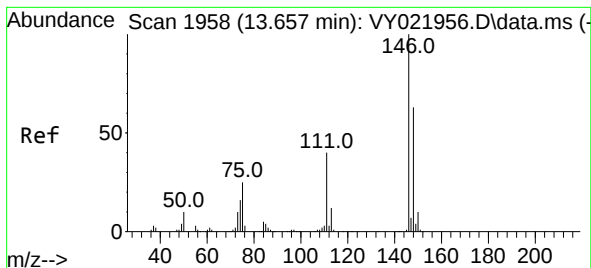
Tgt Ion: 117 Resp: 160136

Ion Ratio Lower Upper

117 100

201 77.7 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 47.337 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042225

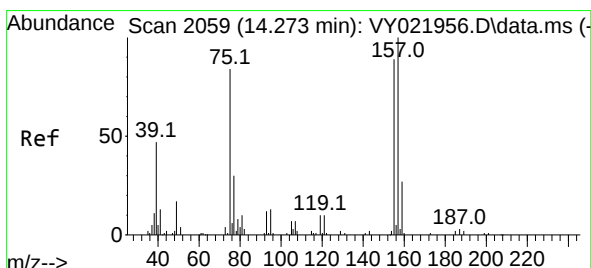
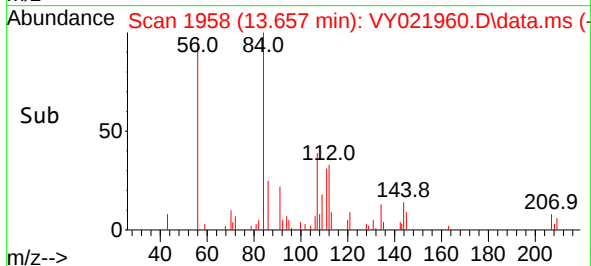
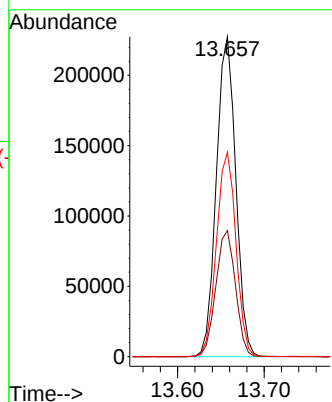
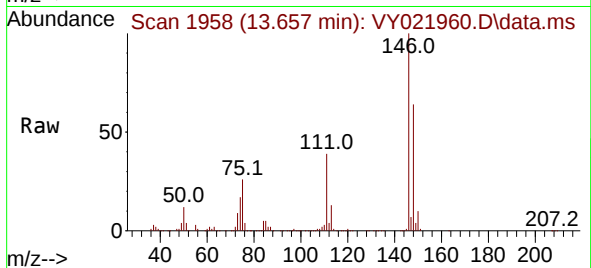
Tgt Ion:146 Resp: 354764

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.151 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

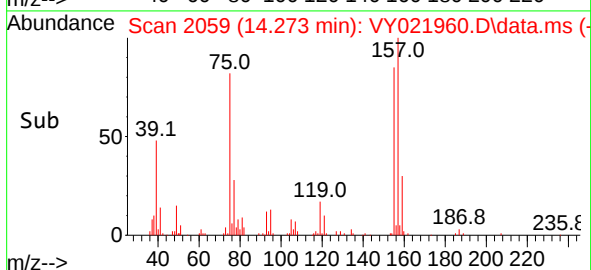
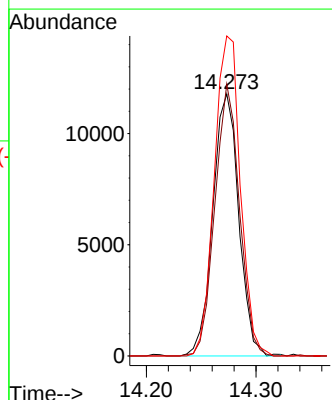
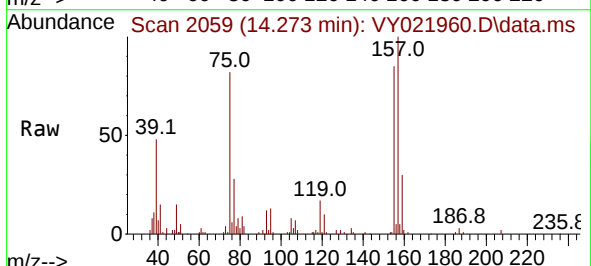
Tgt Ion: 75 Resp: 19379

Ion Ratio Lower Upper

75 100

155 98.3 50.7 152.3

157 122.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 48.811 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY042225

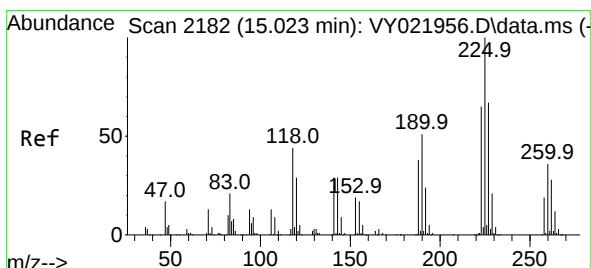
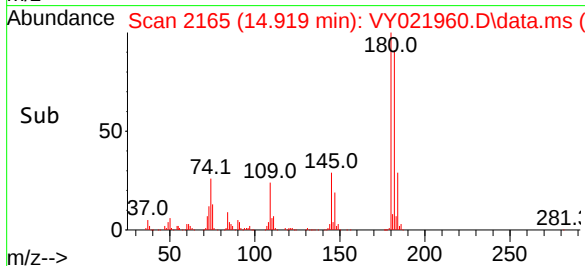
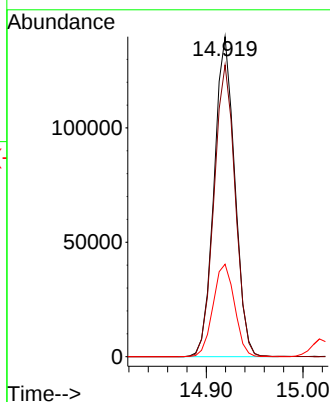
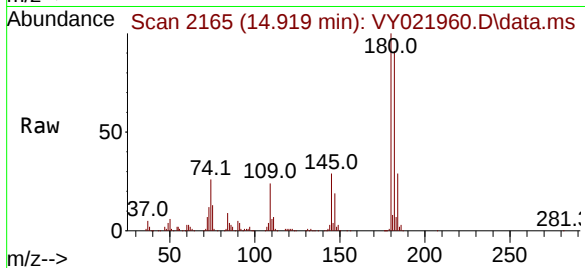
Tgt Ion:180 Resp: 207298

Ion Ratio Lower Upper

180 100

182 93.6 47.1 141.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 48.376 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

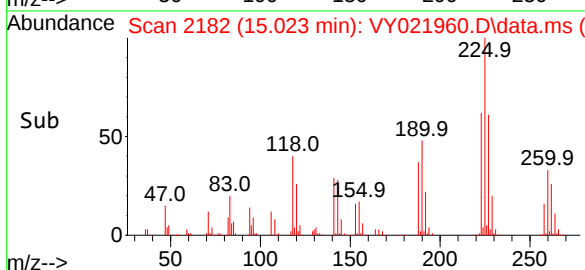
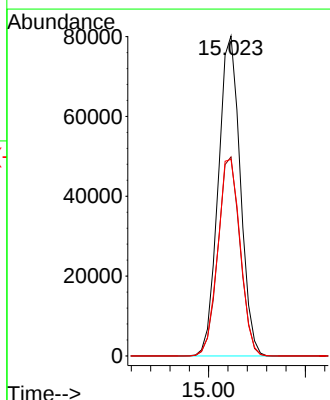
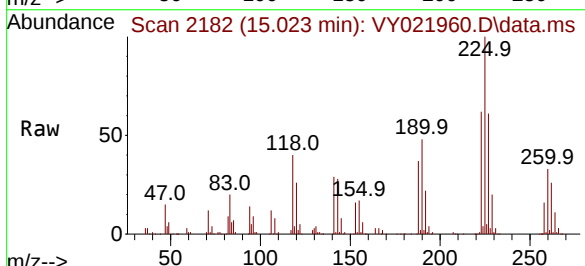
Tgt Ion:225 Resp: 126404

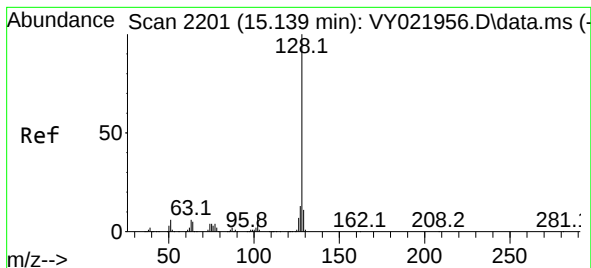
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.5

227 62.9 32.3 96.9





#95

Naphthalene

Concen: 48.975 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

ICVY042225

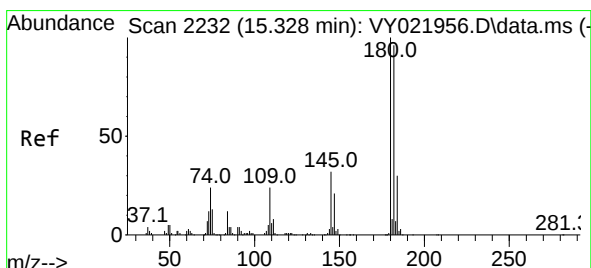
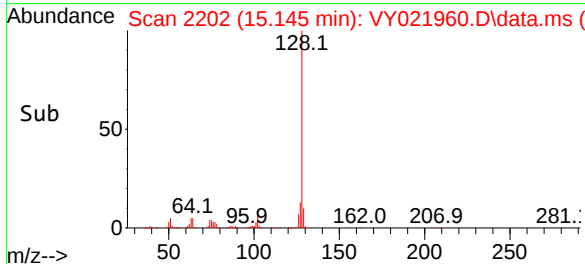
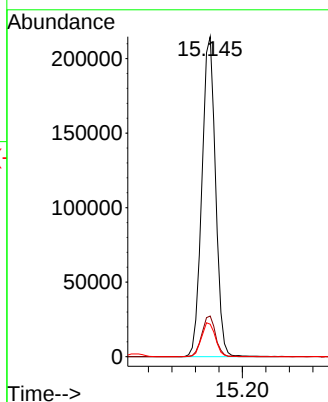
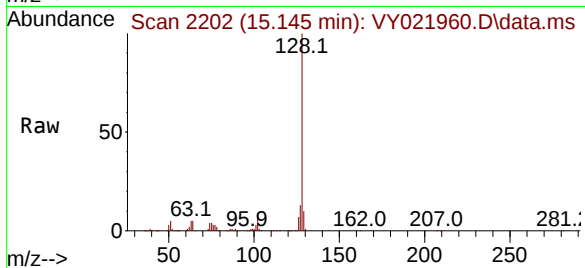
Tgt Ion:128 Resp: 345515

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.914 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021960.D

Acq: 22 Apr 2025 17:01

Tgt Ion:180 Resp: 175651

Ion Ratio Lower Upper

180 100

182 96.5 48.1 144.4

145 31.8 16.0 48.0

