

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022072.D
 Acq On : 30 Apr 2025 10:30
 Operator : SY/MD
 Sample : VY0430SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

Quant Time: May 01 01:31:54 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	286487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	405299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	222589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131013	49.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.628	113	150835	52.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.280%
50) Toluene-d8	10.103	98	568923	52.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.402	95	188289	51.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	47203	19.336	ug/l	98
3) Chloromethane	2.062	50	77084	22.176	ug/l	98
4) Vinyl Chloride	2.202	62	88437	20.704	ug/l	98
5) Bromomethane	2.586	94	83723	22.751	ug/l	97
6) Chloroethane	2.727	64	61631	21.186	ug/l	100
7) Trichlorofluoromethane	3.050	101	122851	21.811	ug/l	97
8) Diethyl Ether	3.452	74	28746	19.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	62287	20.385	ug/l	99
10) Methyl Iodide	4.001	142	60748	17.172	ug/l	99
11) Tert butyl alcohol	4.885	59	13923	95.838	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	56168	19.722	ug/l	97
13) Acrolein	3.653	56	22527	86.396	ug/l	99
14) Allyl chloride	4.379	41	62659	18.895	ug/l	99
15) Acrylonitrile	5.055	53	51344	95.667	ug/l	99
16) Acetone	3.879	43	37345	94.535	ug/l	95
17) Carbon Disulfide	4.098	76	180355	19.861	ug/l	98
18) Methyl Acetate	4.385	43	25031	20.250	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	121034	18.988	ug/l	100
20) Methylene Chloride	4.610	84	67082	20.048	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	62226	19.509	ug/l	97
22) Diisopropyl ether	6.013	45	144165	19.535	ug/l	96
23) Vinyl Acetate	5.958	43	381862	96.013	ug/l	99
24) 1,1-Dichloroethane	5.909	63	101810	19.903	ug/l	95
25) 2-Butanone	6.890	43	55933	92.728	ug/l	97
26) 2,2-Dichloropropane	6.878	77	91436	20.394	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	69433	19.469	ug/l	99
28) Bromochloromethane	7.244	49	39832	20.047	ug/l	96
29) Tetrahydrofuran	7.262	42	37976	96.936	ug/l	99
30) Chloroform	7.415	83	115625	20.378	ug/l	99
31) Cyclohexane	7.701	56	82489	18.857	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	103303	20.124	ug/l	99
36) 1,1-Dichloropropene	7.829	75	77745	20.200	ug/l	99
37) Ethyl Acetate	6.982	43	28394	20.541	ug/l	97
38) Carbon Tetrachloride	7.817	117	97877	21.282	ug/l	96
39) Methylcyclohexane	9.103	83	92916	19.184	ug/l	94
40) Benzene	8.079	78	247402	20.563	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15307	20.257	ug/l #	94
42) 1,2-Dichloroethane	8.159	62	63278	21.243	ug/l	99
43) Isopropyl Acetate	8.195	43	51820	19.521	ug/l	99
44) Trichloroethene	8.860	130	69720	20.921	ug/l	96
45) 1,2-Dichloropropane	9.140	63	54103	20.334	ug/l	96
46) Dibromomethane	9.225	93	34989	21.008	ug/l	99
47) Bromodichloromethane	9.420	83	87089	20.931	ug/l	96
48) Methyl methacrylate	9.219	41	23285	18.974	ug/l	94
49) 1,4-Dioxane	9.231	88	6982	393.308	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	140074	100.658	ug/l	100
52) Toluene	10.170	92	163564	21.002	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	73442	20.578	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	87328	20.585	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	46477	20.891	ug/l	98
56) Ethyl methacrylate	10.439	69	47660	18.733	ug/l	97
57) 1,3-Dichloropropane	10.713	76	73654	20.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	125085	100.556	ug/l	98
59) 2-Hexanone	10.762	43	91664	99.867	ug/l	98
60) Dibromochloromethane	10.908	129	65090	21.132	ug/l	99
61) 1,2-Dibromoethane	11.012	107	43234	20.584	ug/l	99
64) Tetrachloroethene	10.646	164	80599	21.080	ug/l	96
65) Chlorobenzene	11.438	112	182280	20.111	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.512	131	66284	20.773	ug/l	100
67) Ethyl Benzene	11.518	91	285528	19.258	ug/l	100
68) m/p-Xylenes	11.627	106	239665	40.623	ug/l	97
69) o-Xylene	11.957	106	106876	19.654	ug/l	99
70) Styrene	11.969	104	182708	20.012	ug/l	100
71) Bromoform	12.127	173	38719	20.871	ug/l #	99
73) Isopropylbenzene	12.255	105	279562	18.799	ug/l	99
74) N-amyl acetate	12.072	43	45327	17.740	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	49468	19.730	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	64108	33.625	ug/l #	100
77) Bromobenzene	12.530	156	73867	19.657	ug/l	97
78) n-propylbenzene	12.597	91	342875	19.361	ug/l	100
79) 2-Chlorotoluene	12.676	91	200281	19.446	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	235676	19.234	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	14374	18.155	ug/l	94
82) 4-Chlorotoluene	12.774	91	212735	19.870	ug/l	100
83) tert-Butylbenzene	12.999	119	205879	18.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	241750	19.725	ug/l	98
85) sec-Butylbenzene	13.176	105	309315	19.235	ug/l	99
86) p-Isopropyltoluene	13.292	119	260507	19.078	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	152160	19.937	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	148875	19.695	ug/l	99
89) n-Butylbenzene	13.615	91	225950	18.513	ug/l	99
90) Hexachloroethane	13.883	117	58174	19.391	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	134059	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7240	18.150	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	72337	19.176	ug/l	99
94) Hexachlorobutadiene	15.023	225	47088	20.289	ug/l	100
95) Naphthalene	15.145	128	109185	17.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64048	19.670	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0430SBS01

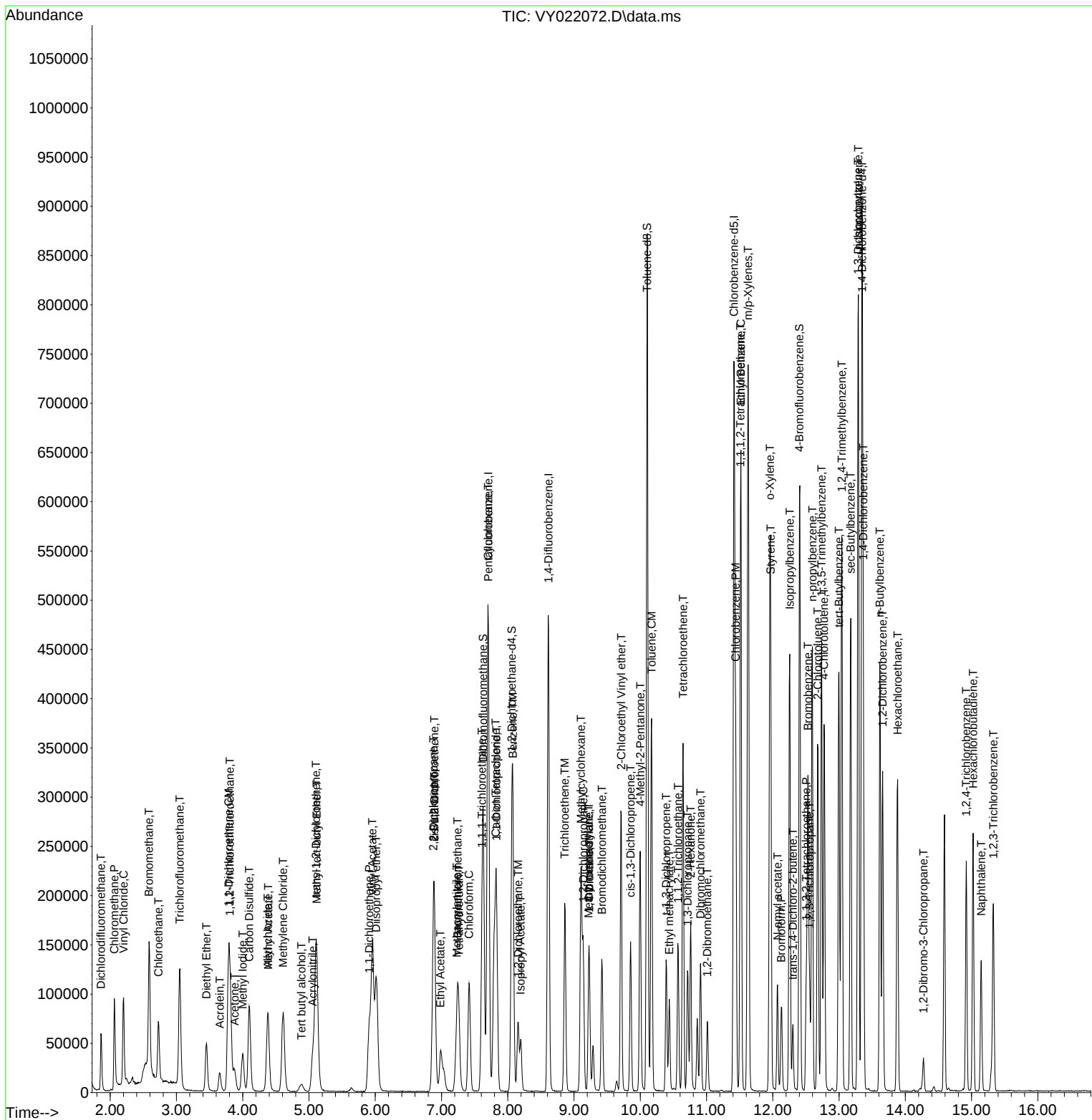
Quant Time: May 01 01:31:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

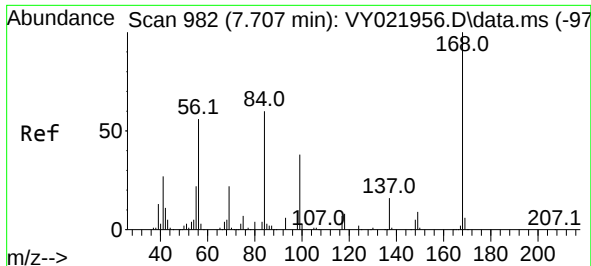
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

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QLast Update : Wed Apr 23 02:30:30 2025
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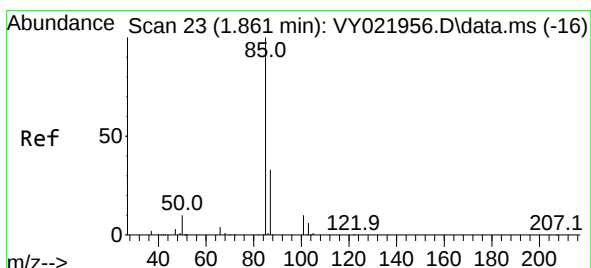
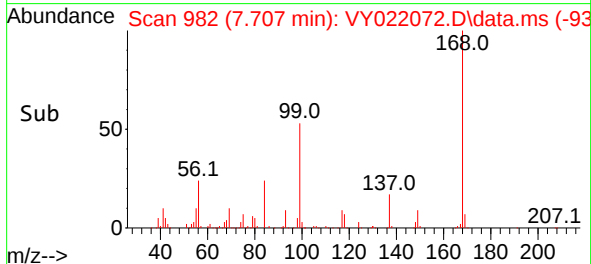
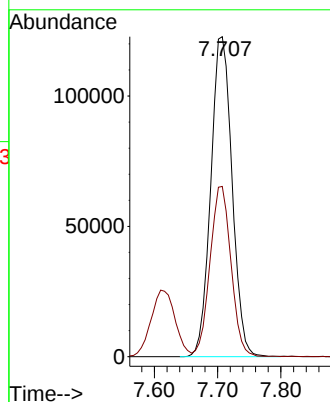
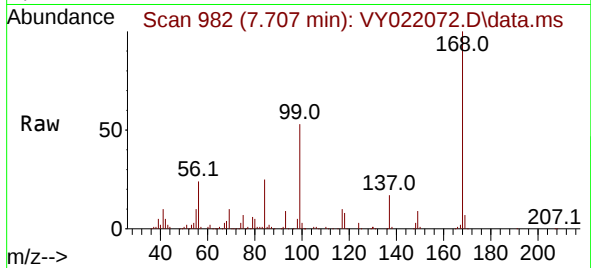




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022072.D
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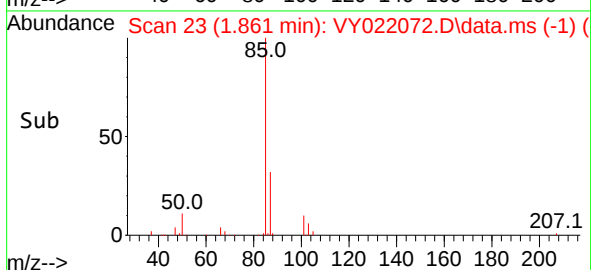
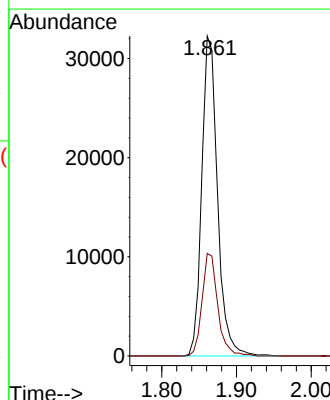
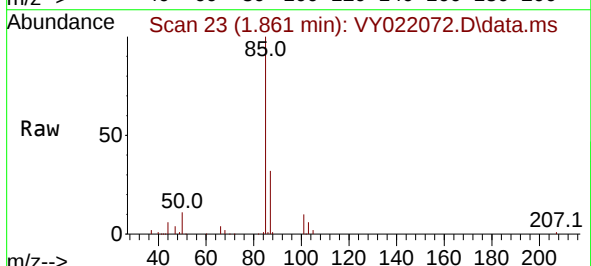
Instrument :
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ClientSampleId :
VY0430SBS01

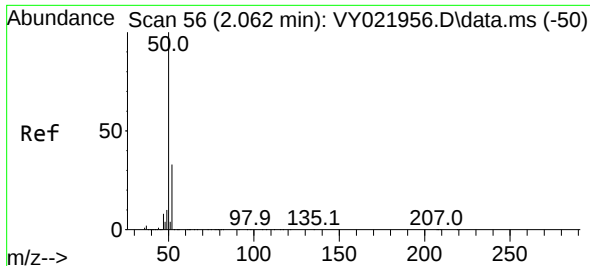
Tgt Ion:168 Resp: 286487
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.336 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 85 Resp: 47203
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7

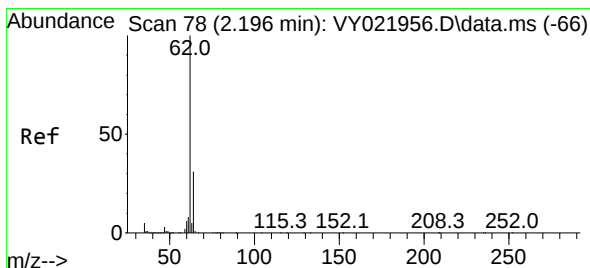
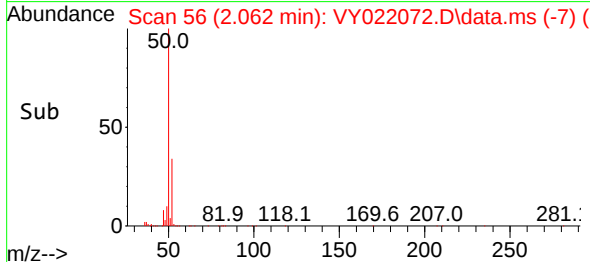
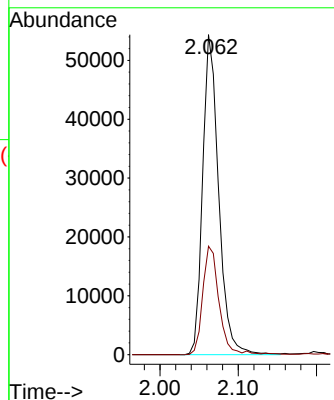
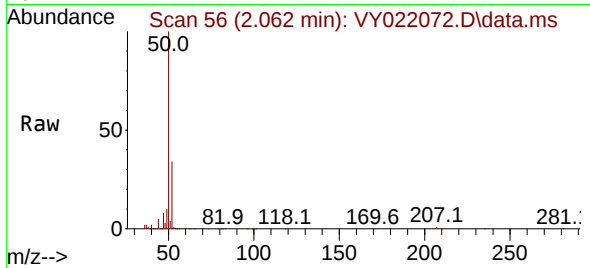




#3
Chloromethane
Concen: 22.176 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

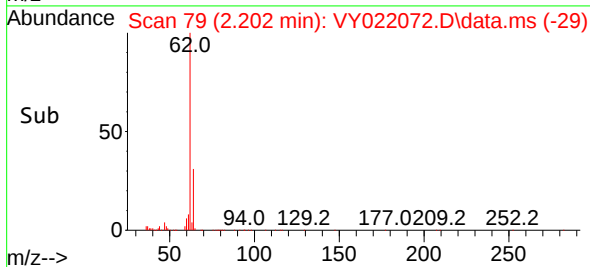
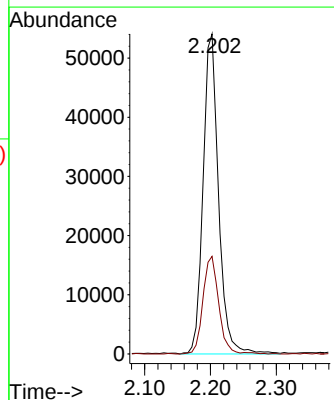
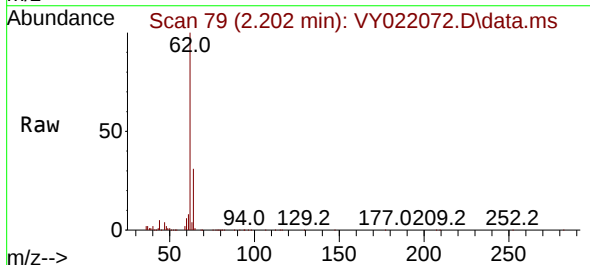
Instrument :
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ClientSampleId :
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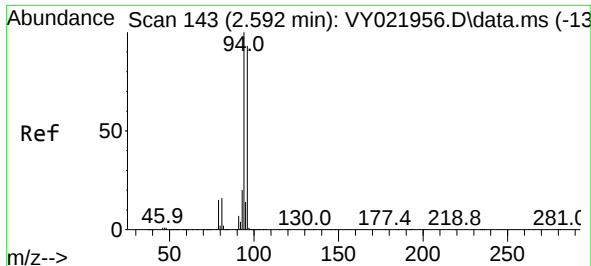
Tgt Ion: 50 Resp: 77084
Ion Ratio Lower Upper
50 100
52 33.9 26.1 39.1



#4
Vinyl Chloride
Concen: 20.704 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 62 Resp: 88437
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7

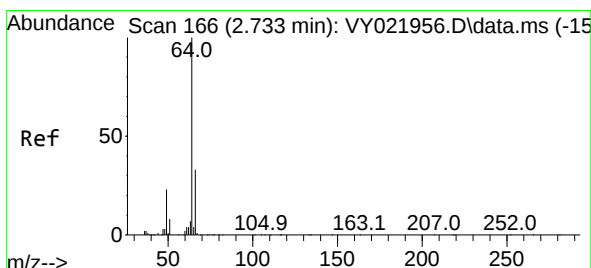
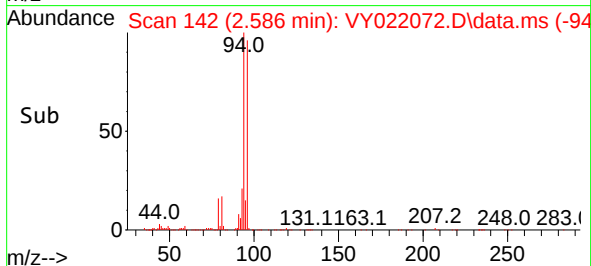
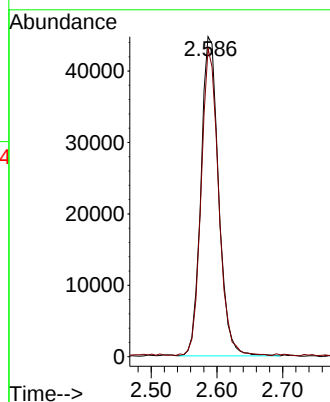
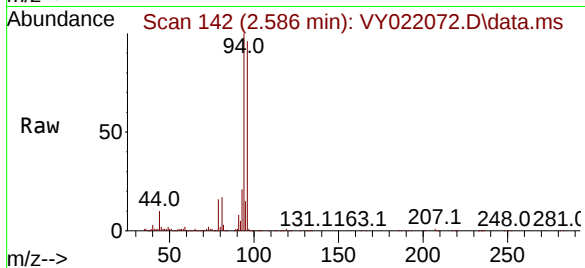




#5
Bromomethane
Concen: 22.751 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

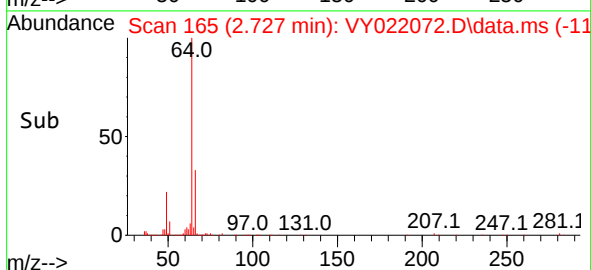
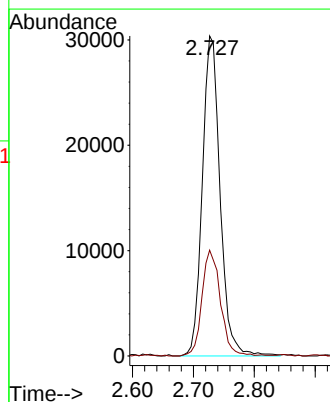
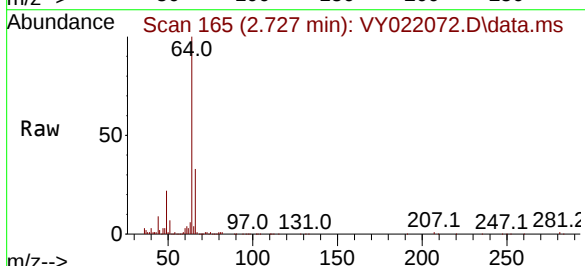
Instrument :
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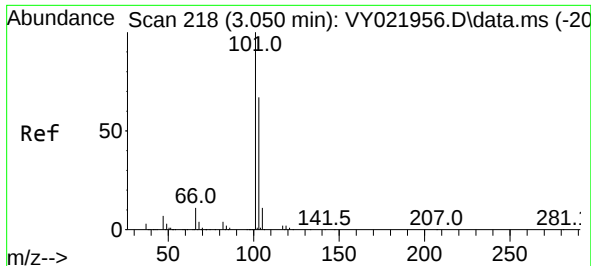
Tgt Ion: 94 Resp: 83723
Ion Ratio Lower Upper
94 100
96 95.9 74.6 111.8



#6
Chloroethane
Concen: 21.186 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 64 Resp: 61631
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

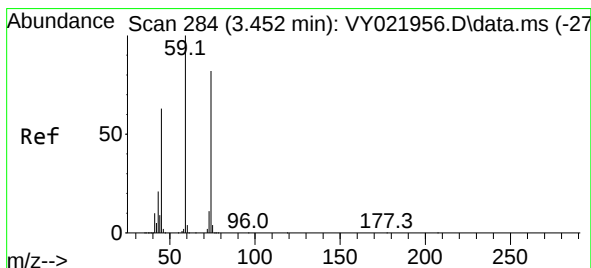
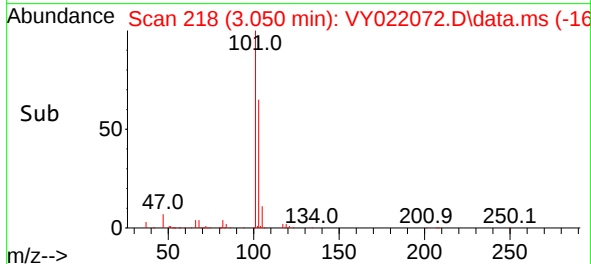
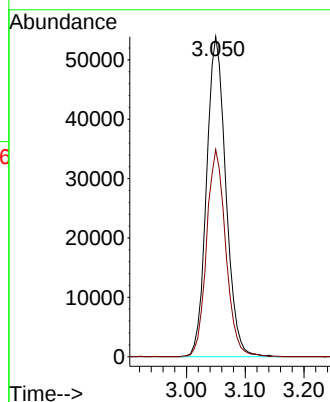
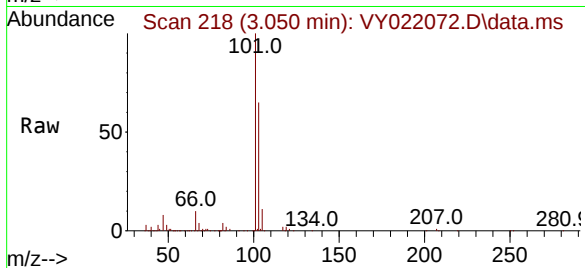




#7
Trichlorofluoromethane
Concen: 21.811 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

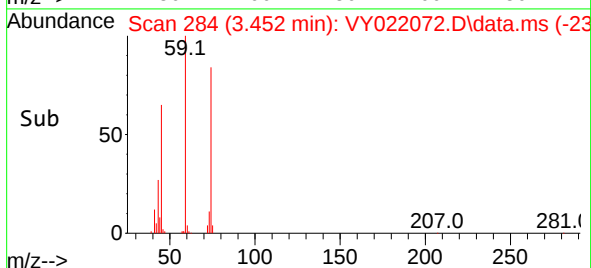
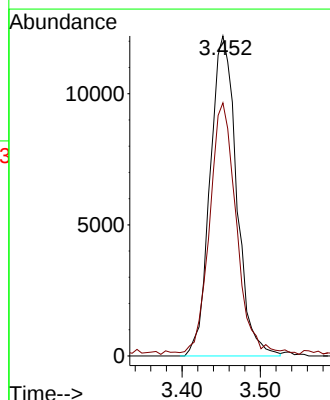
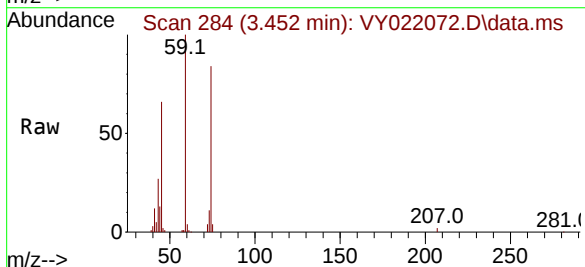
Instrument :
MSVOA_Y
ClientSampleId :
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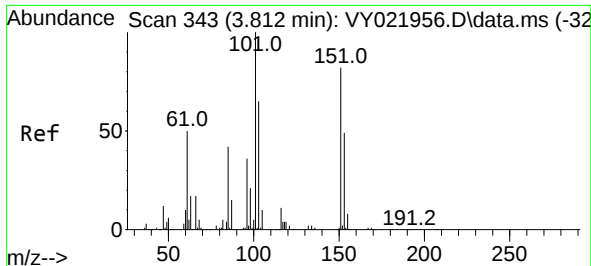
Tgt Ion:101 Resp: 122851
Ion Ratio Lower Upper
101 100
103 64.7 53.6 80.4



#8
Diethyl Ether
Concen: 19.608 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 74 Resp: 28746
Ion Ratio Lower Upper
74 100
45 79.0 39.1 117.5

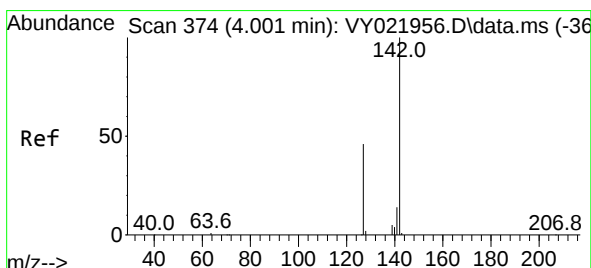
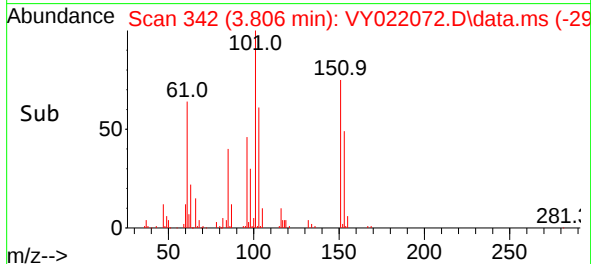
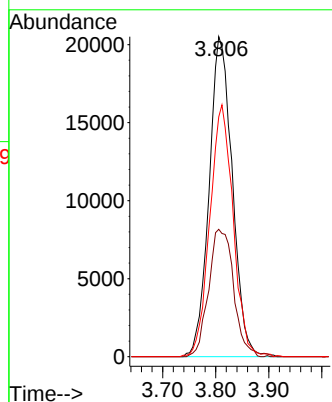
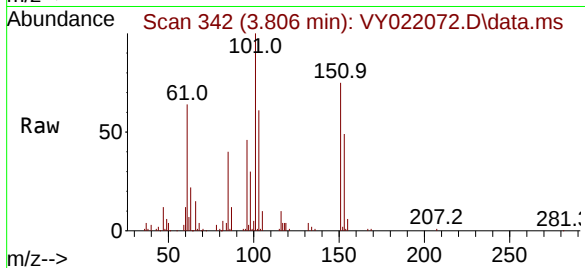




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.385 ug/l
RT: 3.806 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

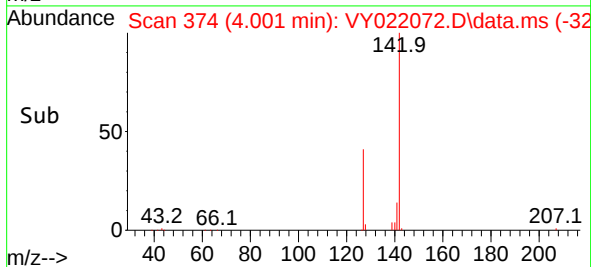
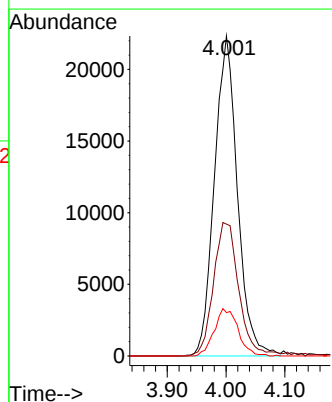
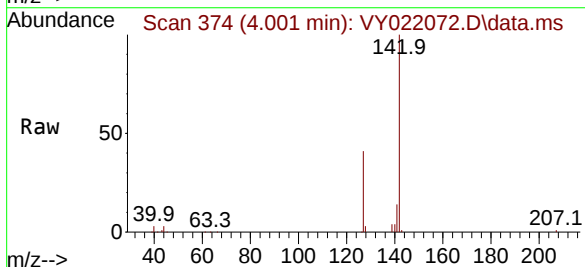
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

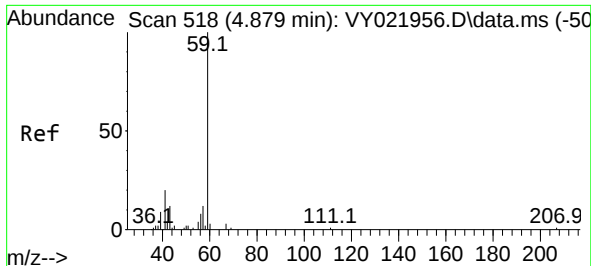
Tgt Ion:101 Resp: 62287
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 79.2 63.7 95.5



#10
Methyl Iodide
Concen: 17.172 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:142 Resp: 60748
Ion Ratio Lower Upper
142 100
127 45.8 36.2 54.2
141 15.3 11.7 17.5

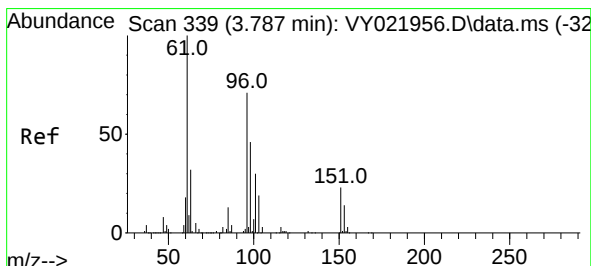
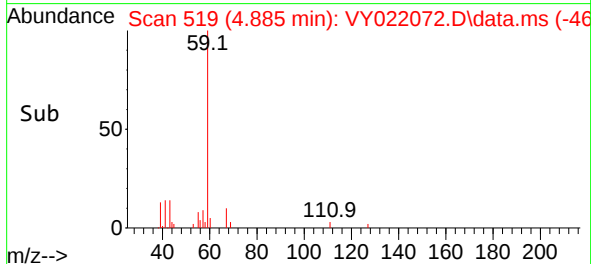
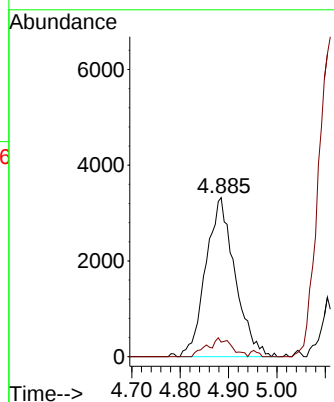
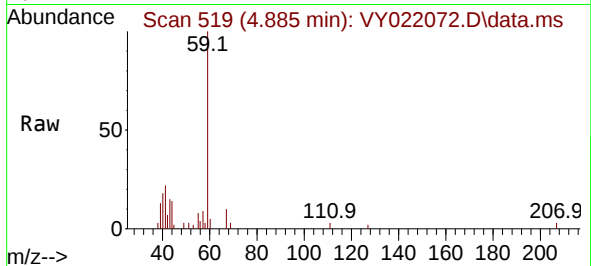




#11
Tert butyl alcohol
Concen: 95.838 ug/l
RT: 4.885 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

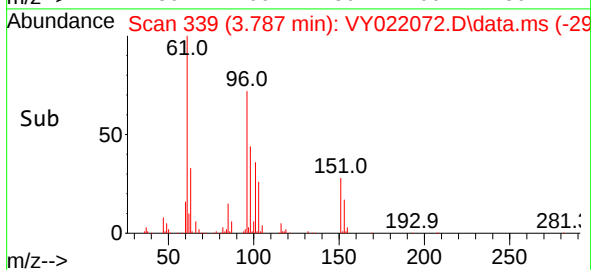
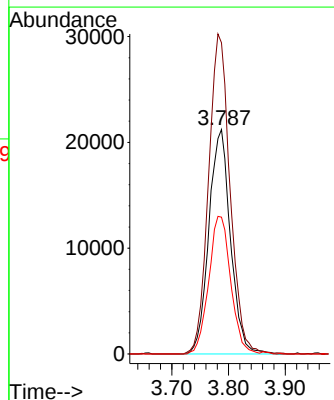
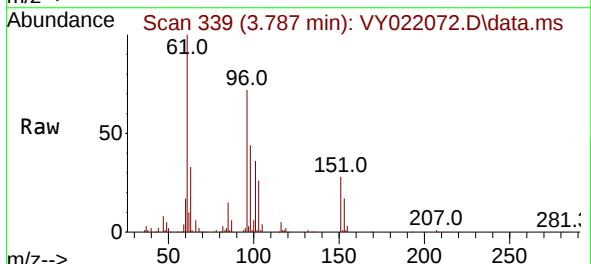
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

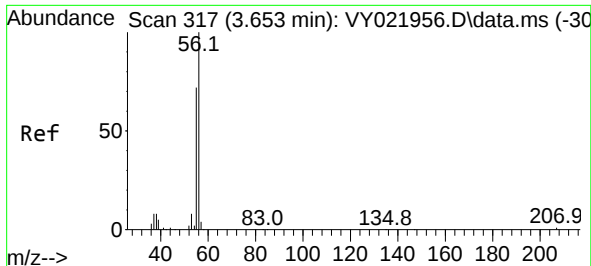
Tgt Ion: 59 Resp: 13923
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 19.722 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 96 Resp: 56168
Ion Ratio Lower Upper
96 100
61 138.7 113.0 169.4
98 60.9 51.4 77.2





#13

Acrolein

Concen: 86.396 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

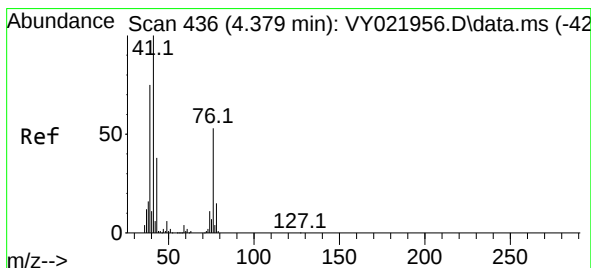
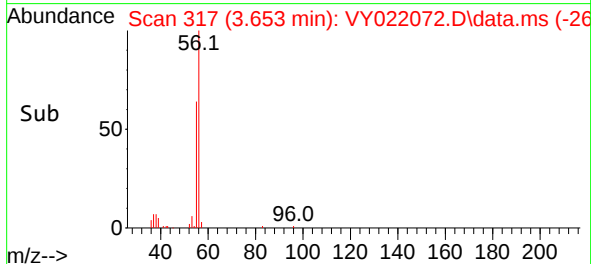
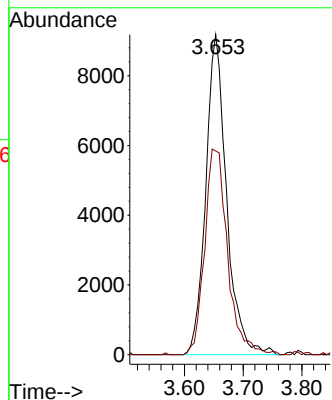
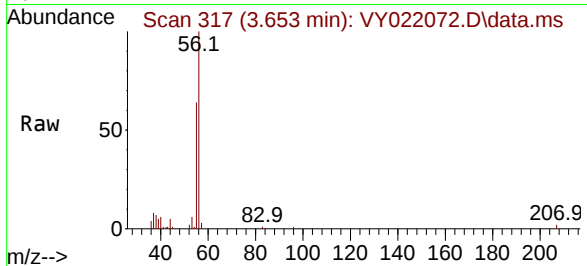
VY0430SBS01

Tgt Ion: 56 Resp: 22527

Ion Ratio Lower Upper

56 100

55 71.0 57.4 86.0



#14

Allyl chloride

Concen: 18.895 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

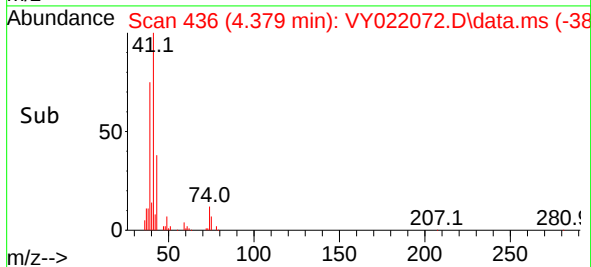
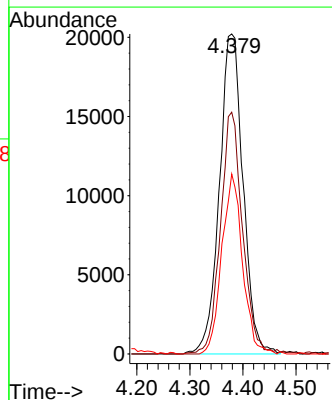
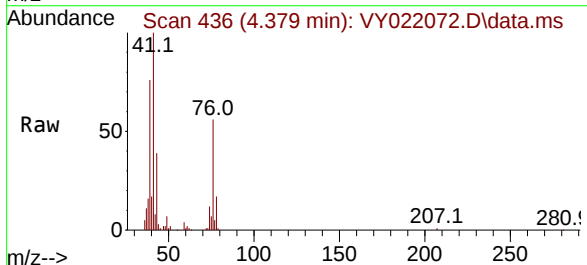
Tgt Ion: 41 Resp: 62659

Ion Ratio Lower Upper

41 100

39 70.8 57.2 85.8

76 49.3 39.7 59.5

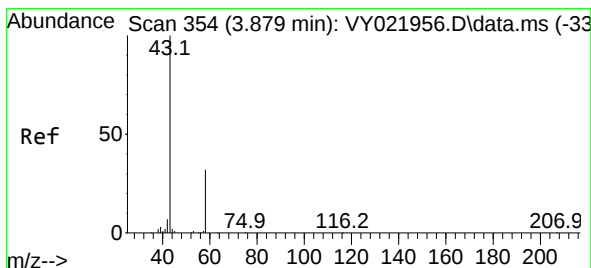
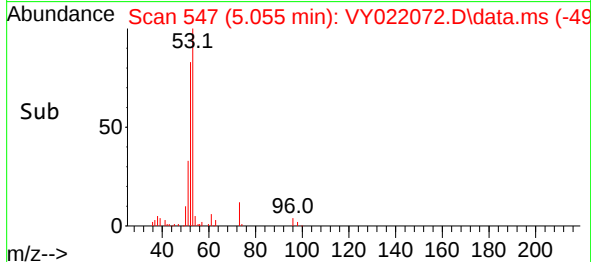
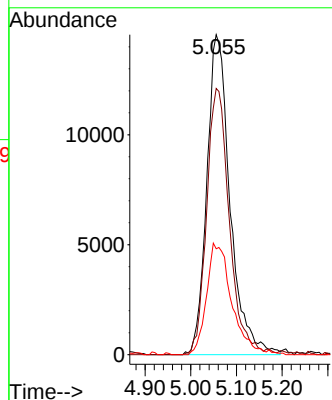
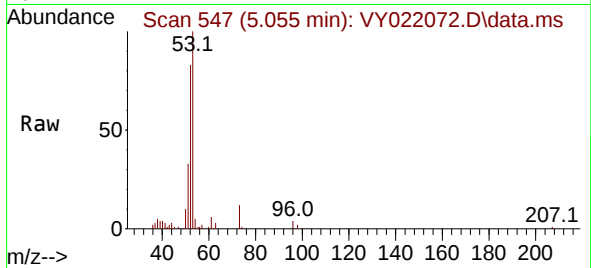




#15
Acrylonitrile
Concen: 95.667 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

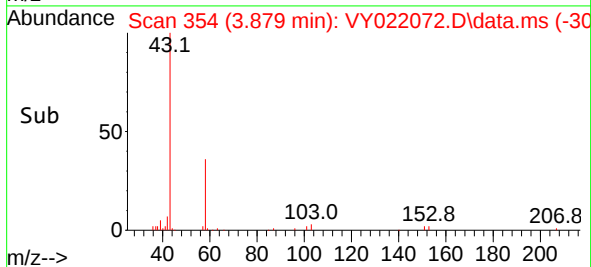
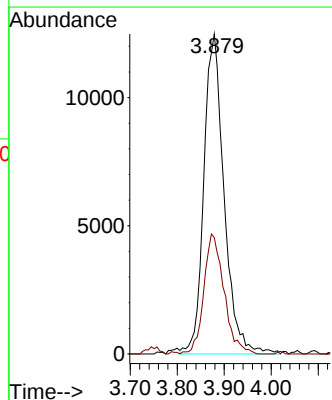
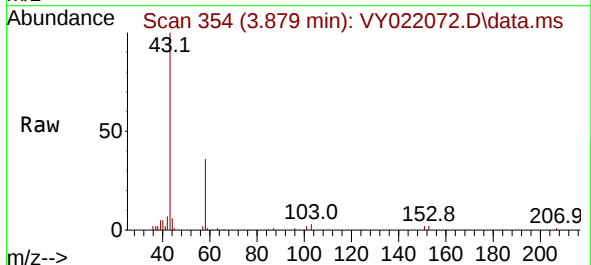
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

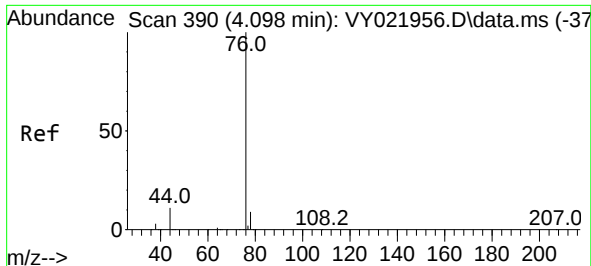
Tgt Ion: 53 Resp: 51344
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.6
51 37.4 28.9 43.3



#16
Acetone
Concen: 94.535 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 43 Resp: 37345
Ion Ratio Lower Upper
43 100
58 36.3 27.0 40.4

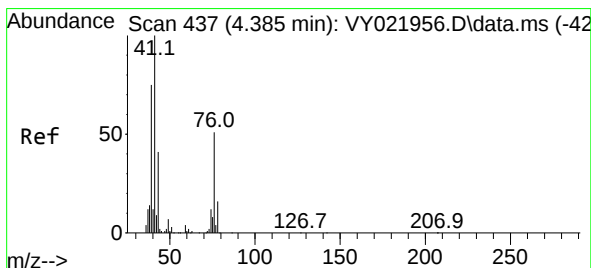
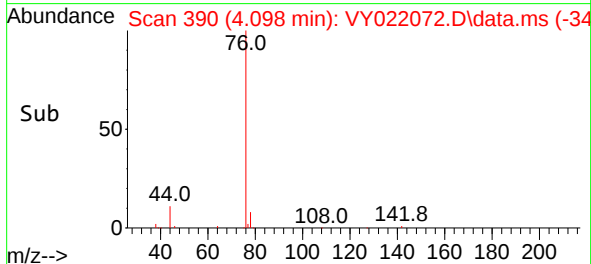
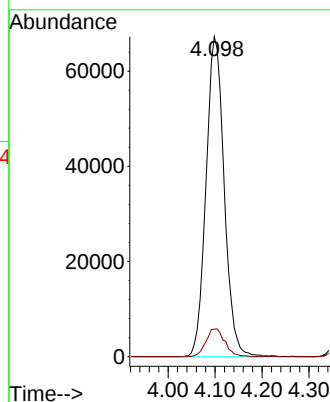
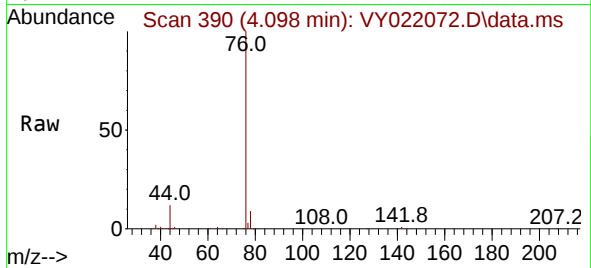




#17
Carbon Disulfide
Concen: 19.861 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

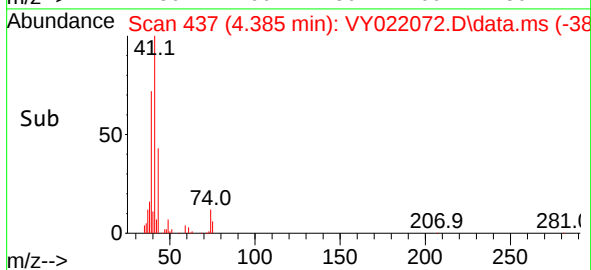
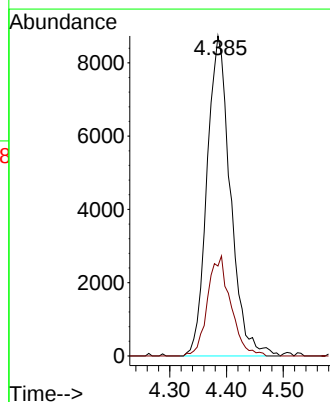
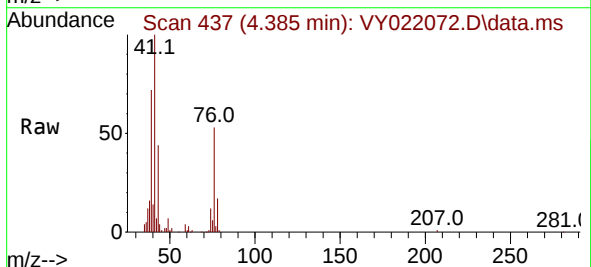
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion: 76 Resp: 180355
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 20.250 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 43 Resp: 25031
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.988 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

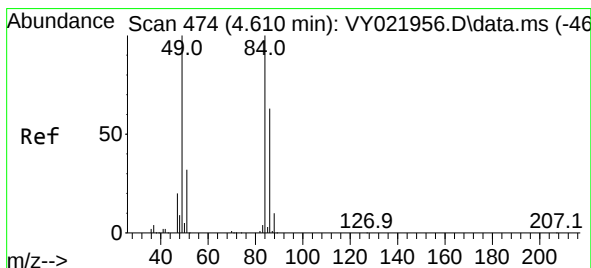
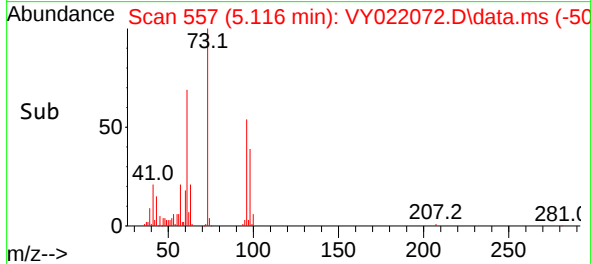
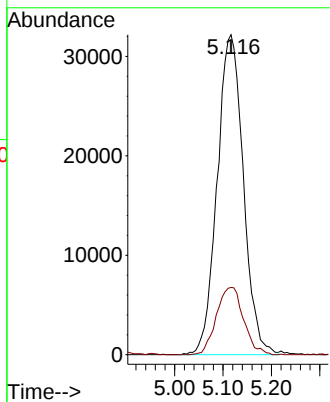
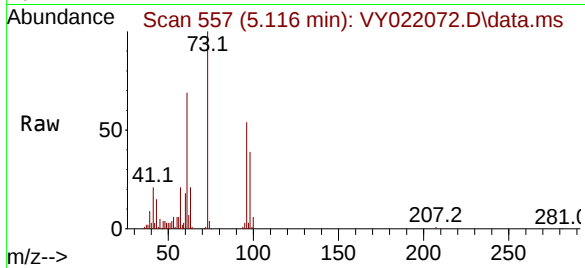
VY0430SBS01

Tgt Ion: 73 Resp: 121034

Ion Ratio Lower Upper

73 100

57 21.0 16.9 25.3



#20

Methylene Chloride

Concen: 20.048 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Tgt Ion: 84 Resp: 67082

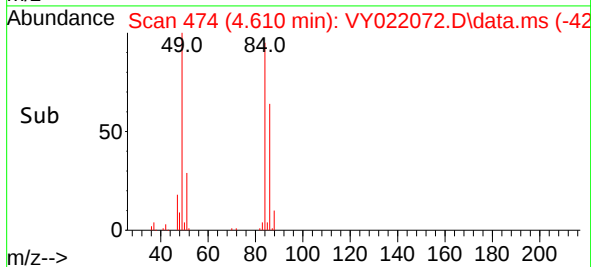
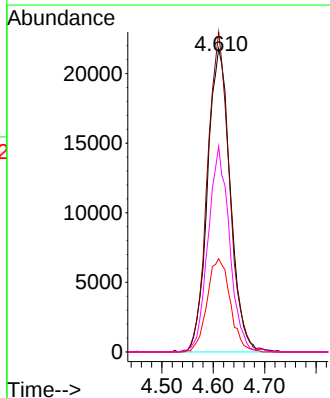
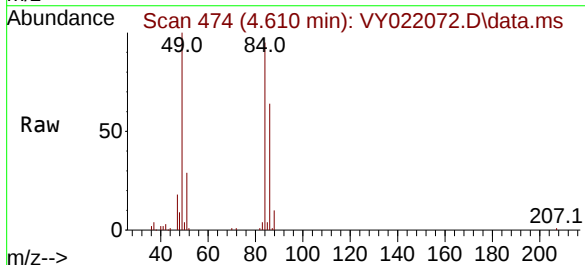
Ion Ratio Lower Upper

84 100

49 105.5 79.9 119.9

51 30.7 25.4 38.0

86 67.8 50.6 76.0

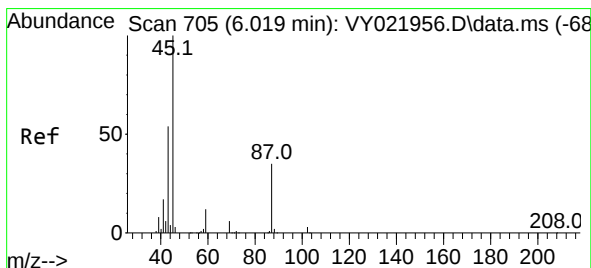
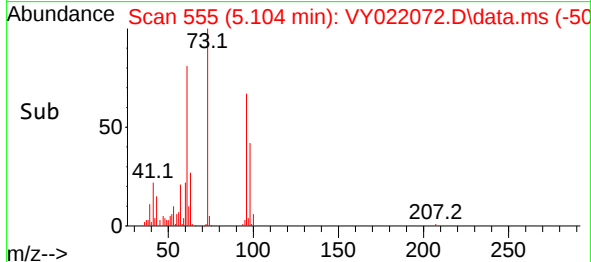
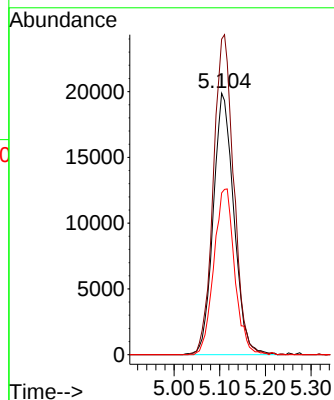
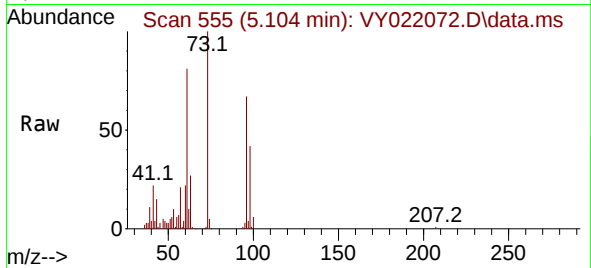




#21
trans-1,2-Dichloroethene
Concen: 19.509 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

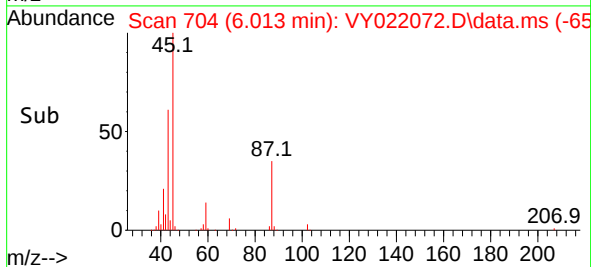
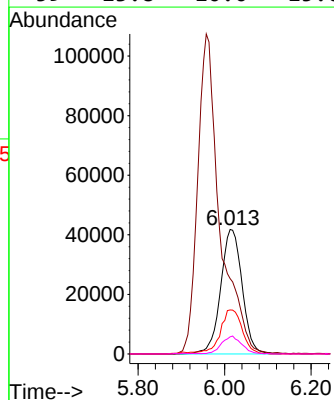
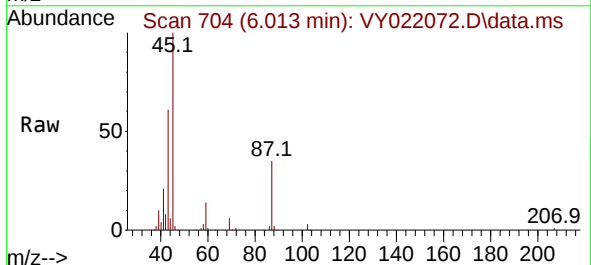
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

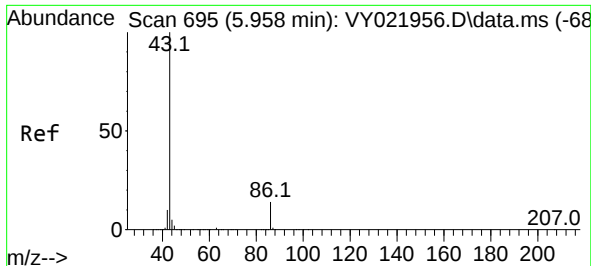
Tgt Ion: 96 Resp: 62226
Ion Ratio Lower Upper
96 100
61 120.7 92.6 138.8
98 61.9 50.2 75.4



#22
Diisopropyl ether
Concen: 19.535 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 45 Resp: 144165
Ion Ratio Lower Upper
45 100
43 59.7 43.6 65.4
87 35.3 28.2 42.4
59 13.8 10.0 15.0

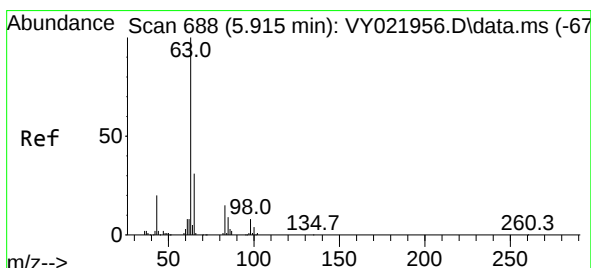
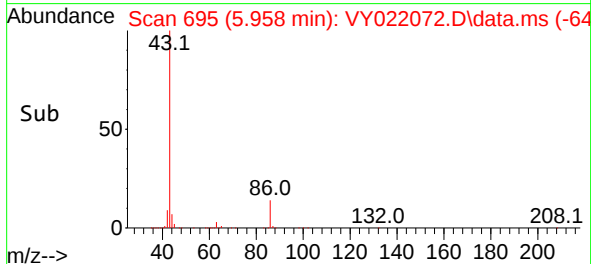
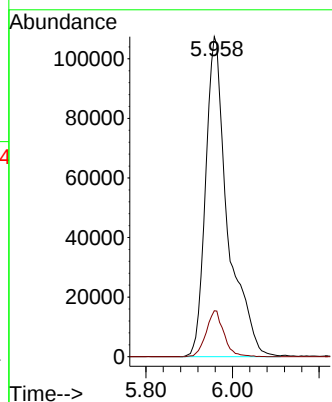
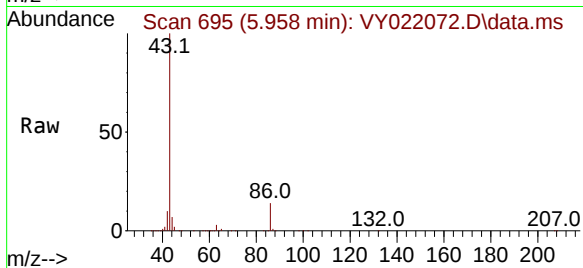




#23
 Vinyl Acetate
 Concen: 96.013 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

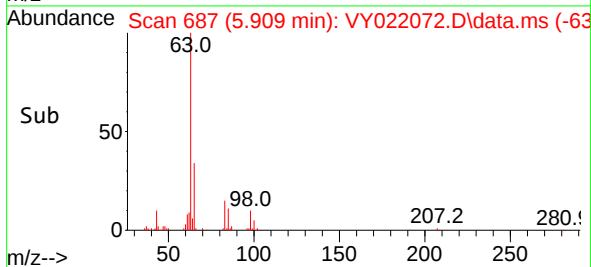
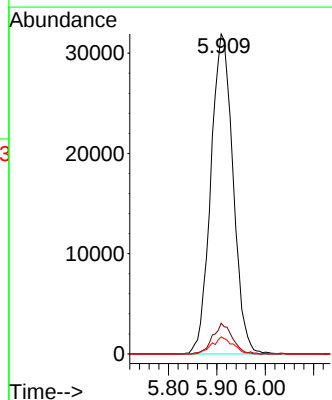
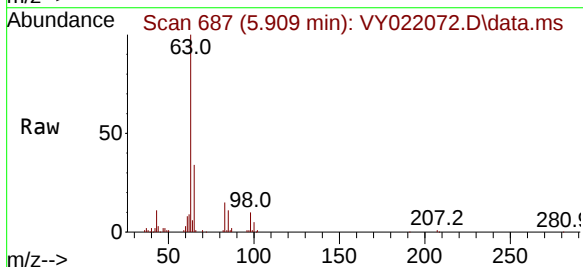
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

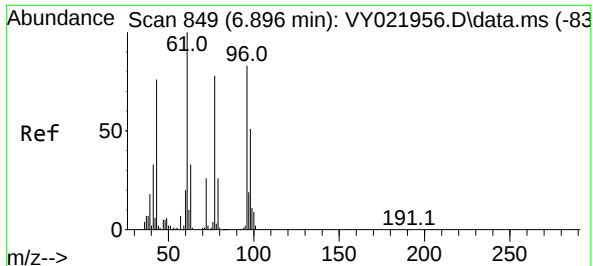
Tgt Ion: 43 Resp: 381862
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.903 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion: 63 Resp: 101810
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 92.728 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

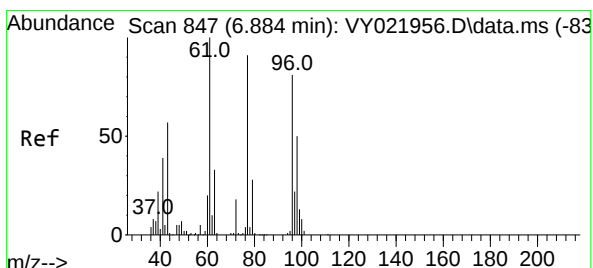
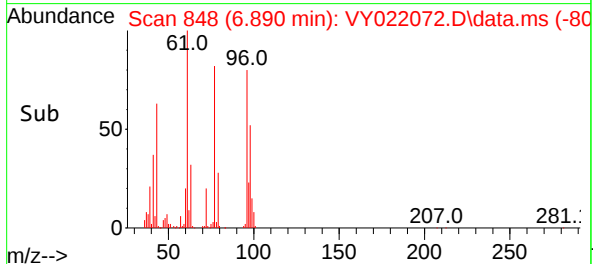
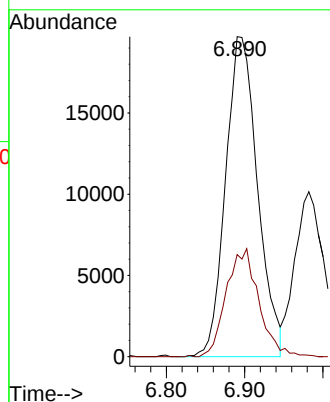
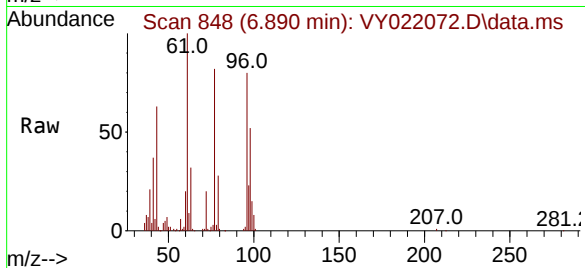
VY0430SBS01

Tgt Ion: 43 Resp: 55933

Ion Ratio Lower Upper

43 100

72 31.9 27.0 40.4



#26

2,2-Dichloropropane

Concen: 20.394 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022072.D

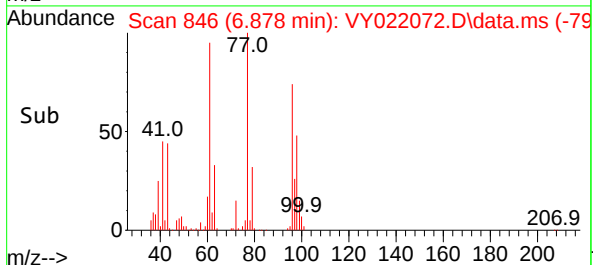
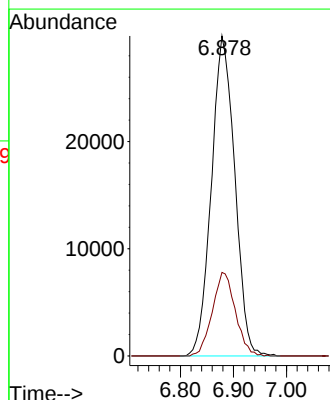
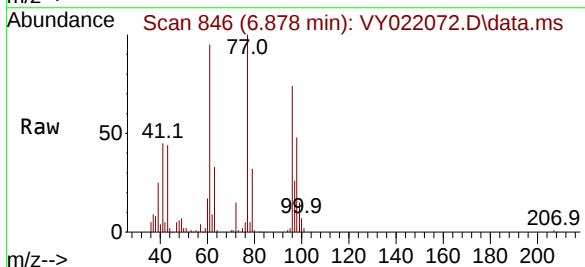
Acq: 30 Apr 2025 10:30

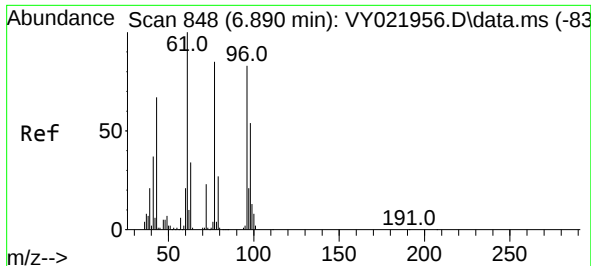
Tgt Ion: 77 Resp: 91436

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.469 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

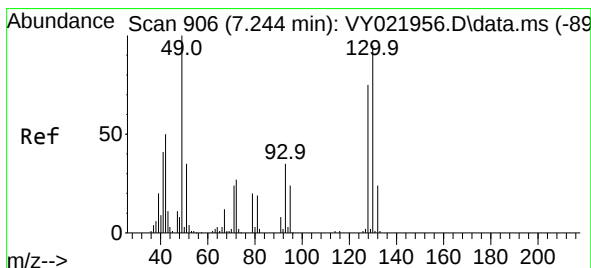
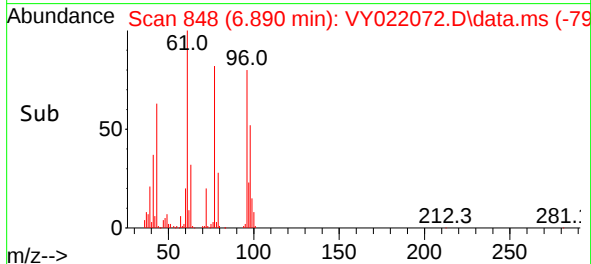
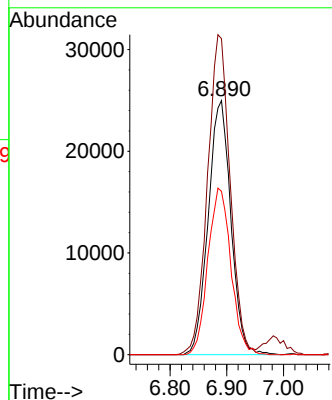
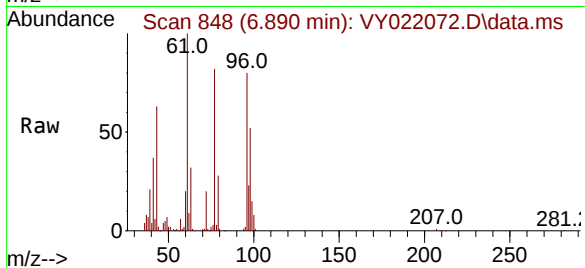
Tgt Ion: 96 Resp: 69433

Ion Ratio Lower Upper

96 100

61 125.8 0.0 251.4

98 66.5 0.0 128.4



#28

Bromochloromethane

Concen: 20.047 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

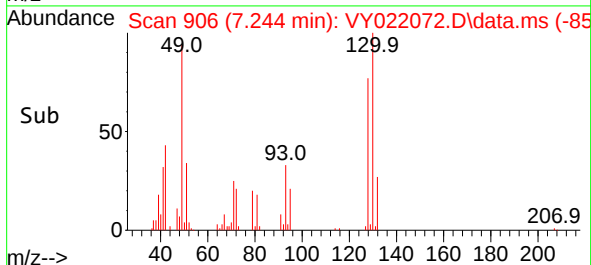
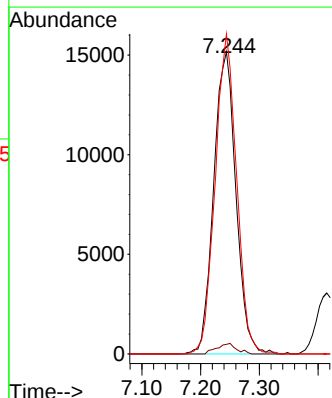
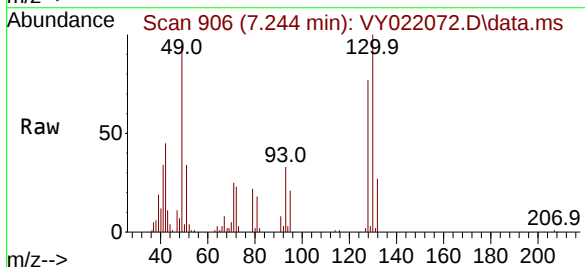
Tgt Ion: 49 Resp: 39832

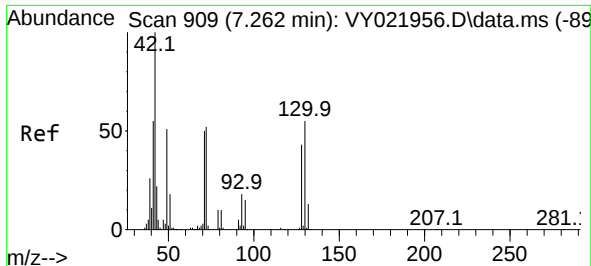
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.0

130 102.2 78.2 117.4

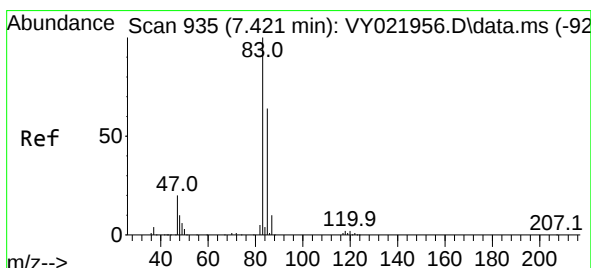
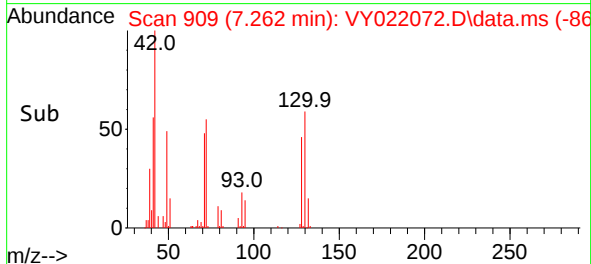
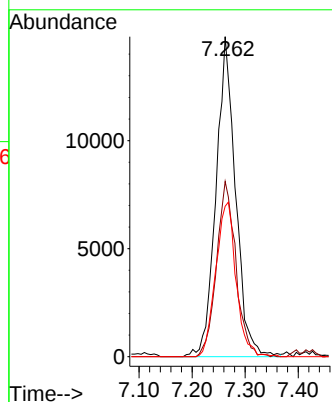
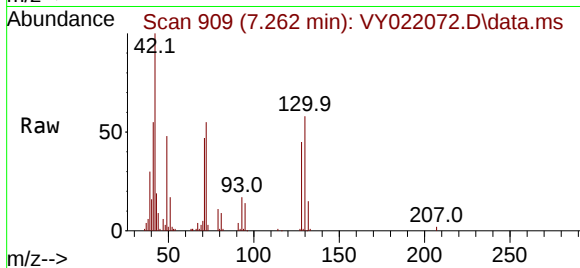




#29
Tetrahydrofuran
Concen: 96.936 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

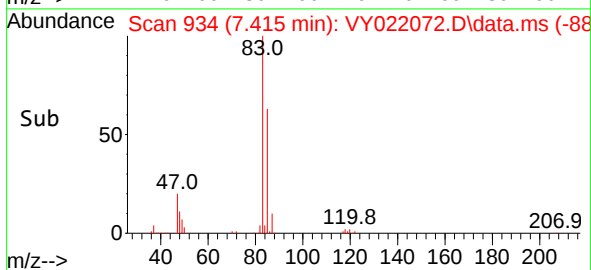
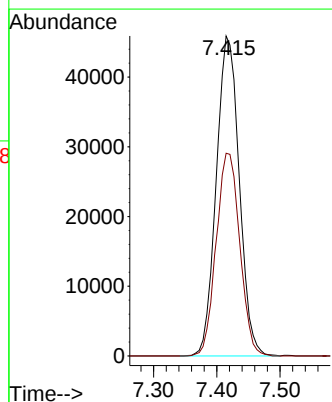
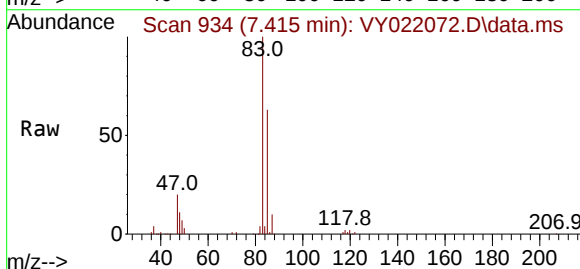
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

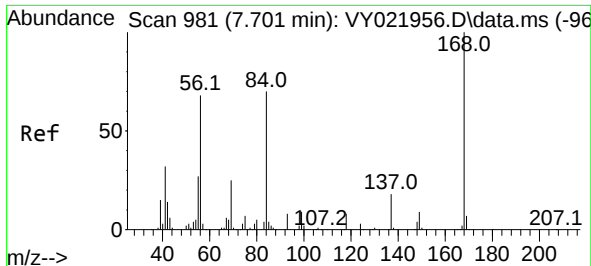
Tgt Ion: 42 Resp: 37976
Ion Ratio Lower Upper
42 100
72 54.2 42.6 63.8
71 50.1 40.6 61.0



#30
Chloroform
Concen: 20.378 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 83 Resp: 115625
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

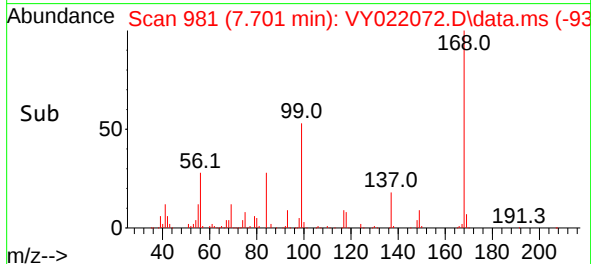
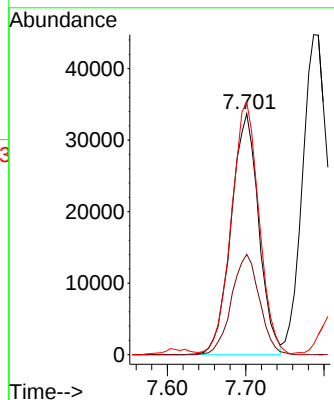
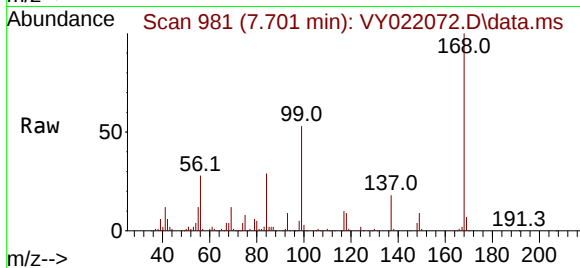




#31
Cyclohexane
Concen: 18.857 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

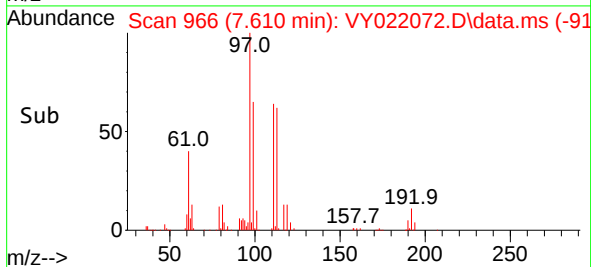
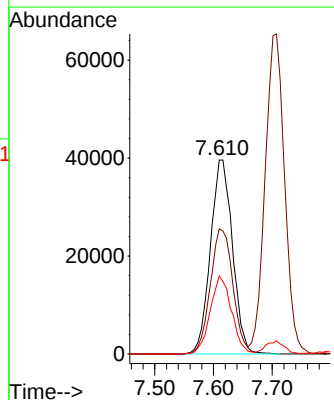
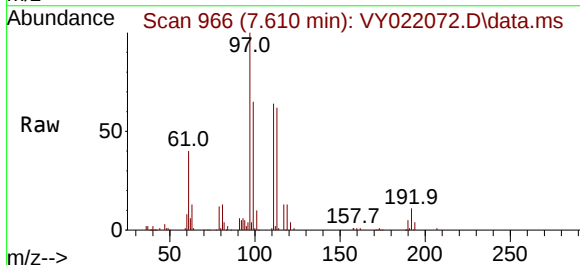
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

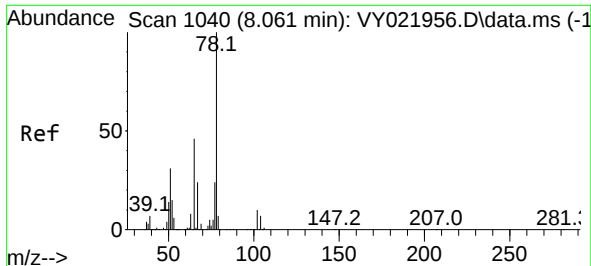
Tgt Ion: 56 Resp: 82489
Ion Ratio Lower Upper
56 100
69 41.6 29.4 44.2
84 103.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.124 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 97 Resp: 103303
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.2
61 38.9 31.4 47.2

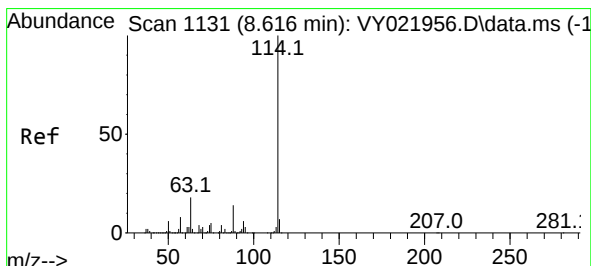
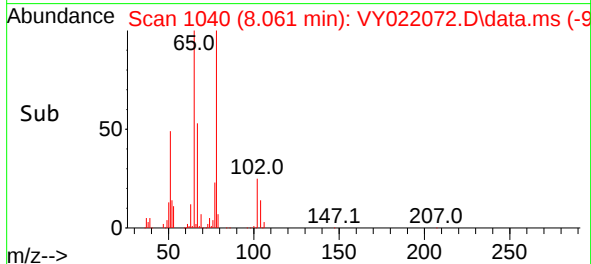
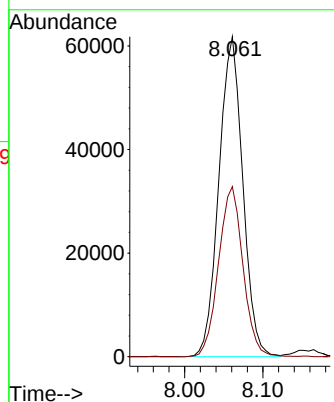
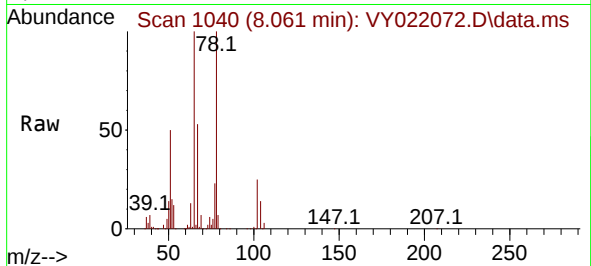




#33
 1,2-Dichloroethane-d4
 Concen: 49.509 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

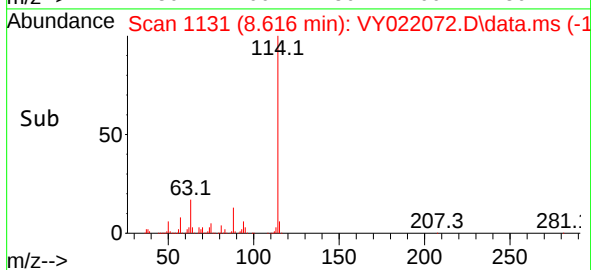
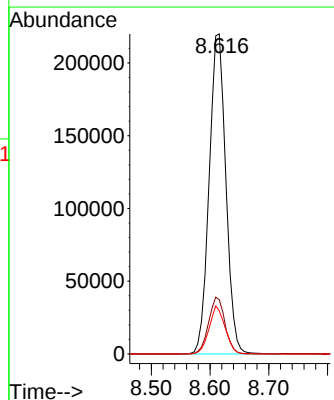
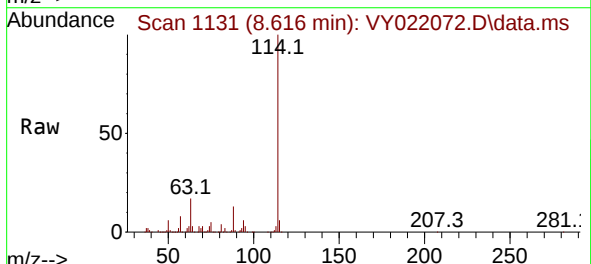
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

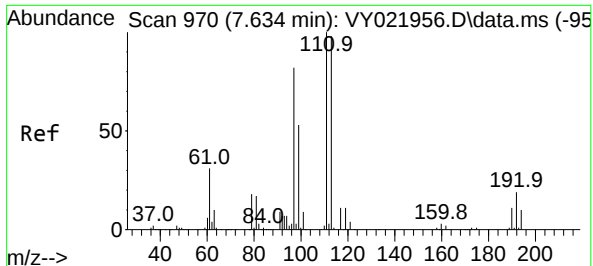
Tgt Ion: 65 Resp: 131013
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion: 114 Resp: 433702
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.4
 88 13.5 0.0 28.2

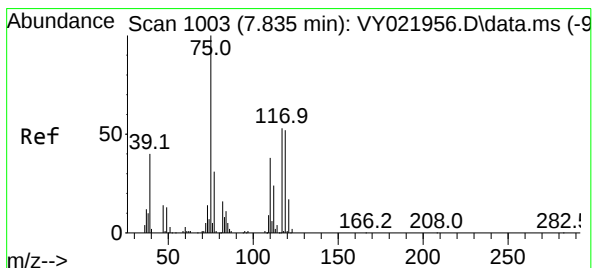
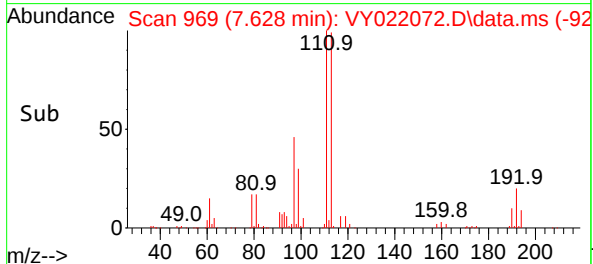
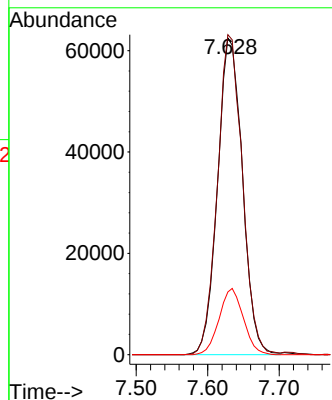
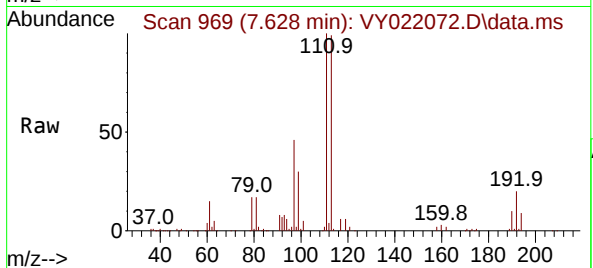




#35
Dibromofluoromethane
Concen: 52.643 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

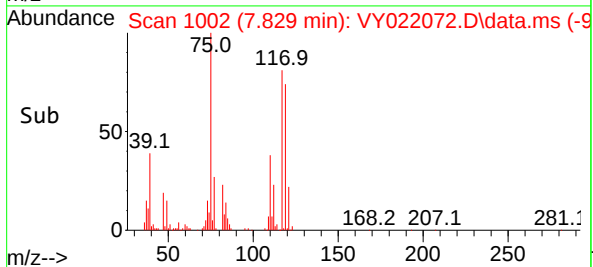
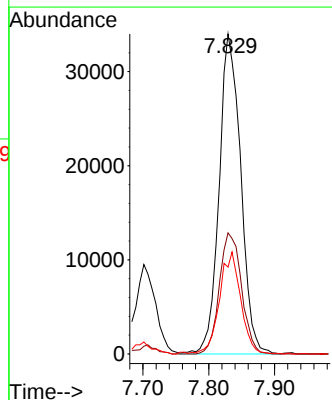
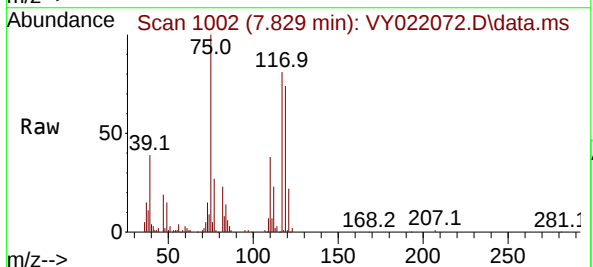
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

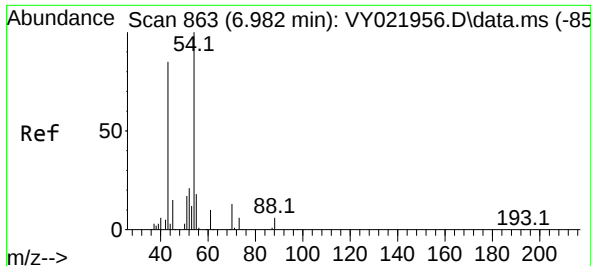
Tgt Ion:113 Resp: 150835
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 20.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.200 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 75 Resp: 77745
Ion Ratio Lower Upper
75 100
110 38.8 19.1 57.3
77 31.3 25.5 38.3

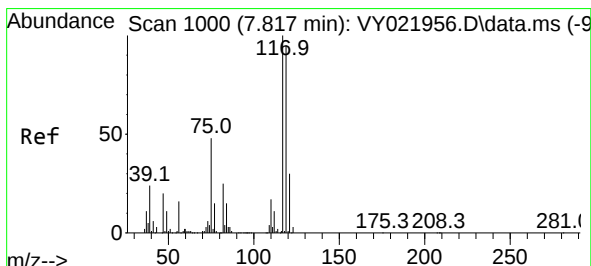
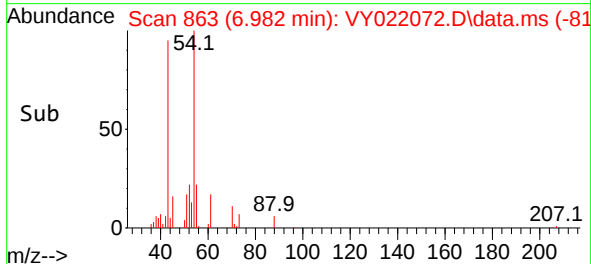
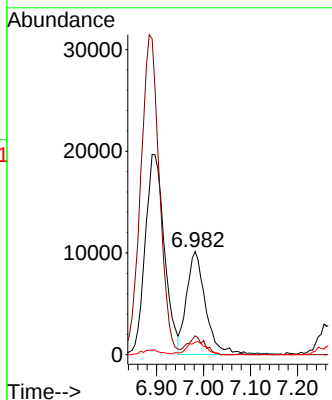
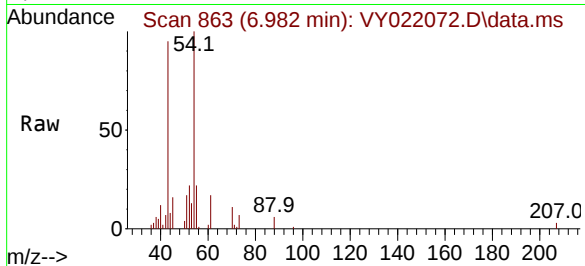




#37
Ethyl Acetate
Concen: 20.541 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

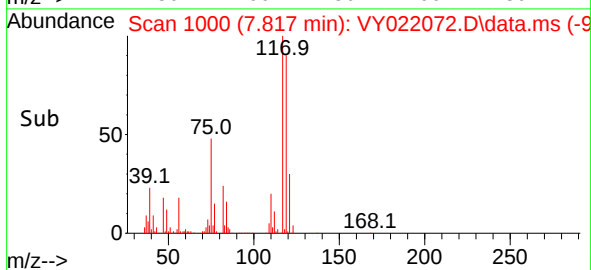
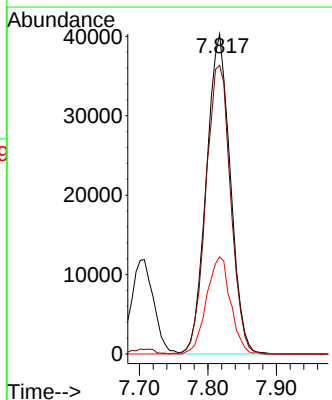
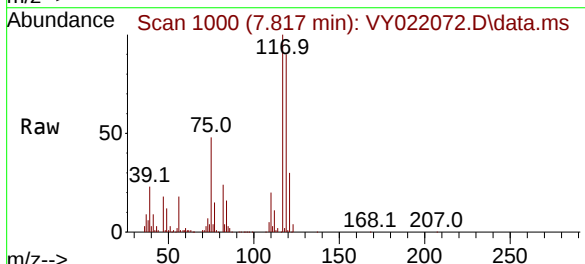
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion:	43	Resp:	28394
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.8	20.6
70	12.7	9.2	13.8



#38
Carbon Tetrachloride
Concen: 21.282 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:	117	Resp:	97877
Ion	Ratio	Lower	Upper
117	100		
119	90.2	76.2	114.4
121	30.3	24.0	36.0





#39

Methylcyclohexane

Concen: 19.184 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

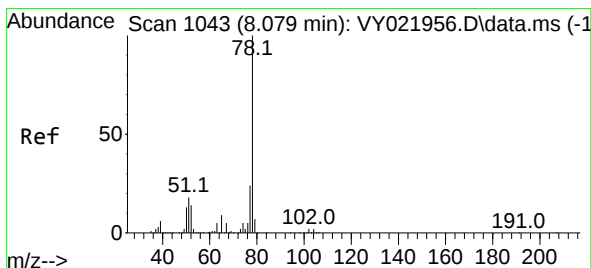
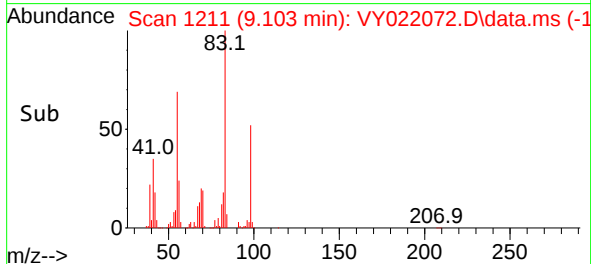
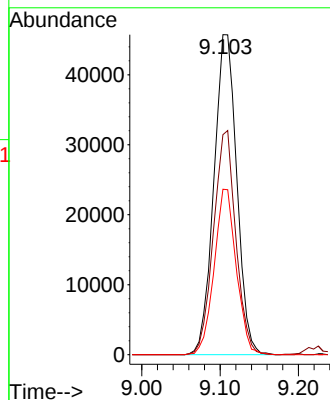
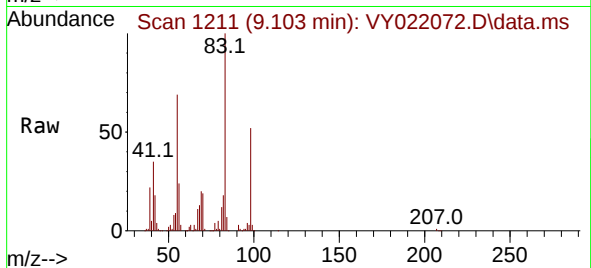
Tgt Ion: 83 Resp: 92916

Ion Ratio Lower Upper

83 100

55 68.8 50.6 75.8

98 51.7 38.6 58.0



#40

Benzene

Concen: 20.563 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022072.D

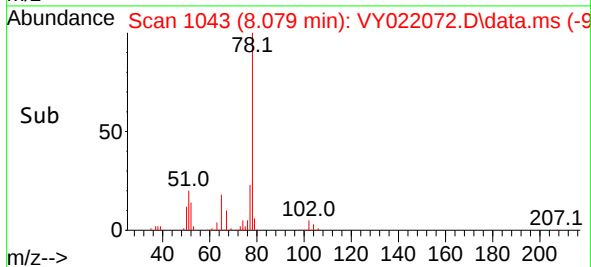
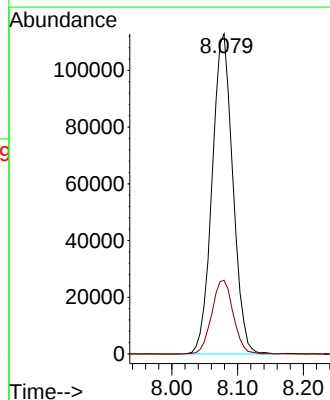
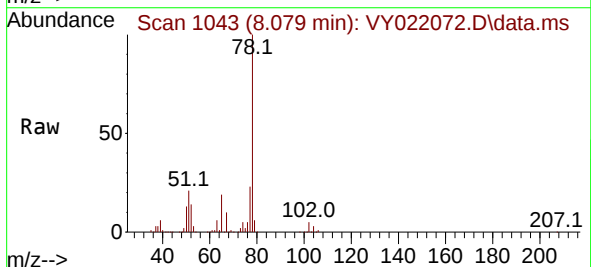
Acq: 30 Apr 2025 10:30

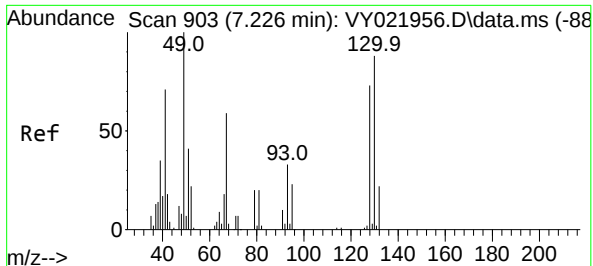
Tgt Ion: 78 Resp: 247402

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9

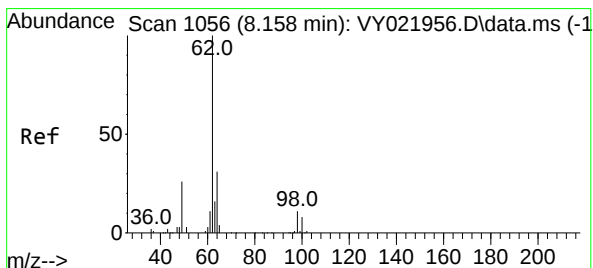
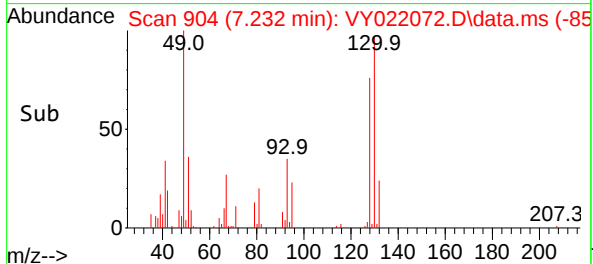
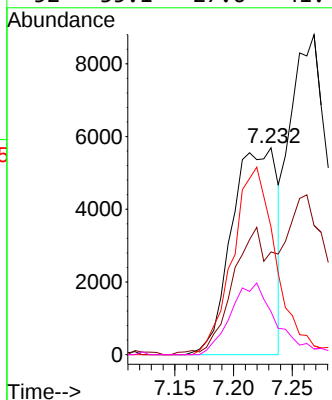
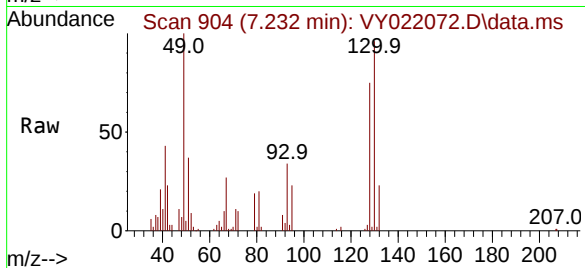




#41
Methacrylonitrile
Concen: 20.257 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

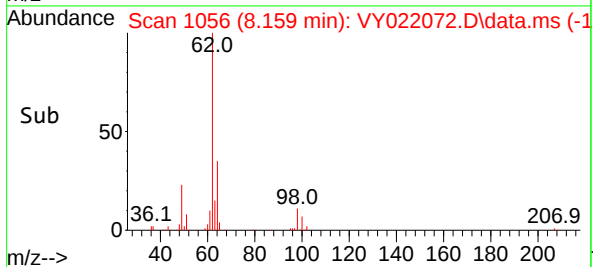
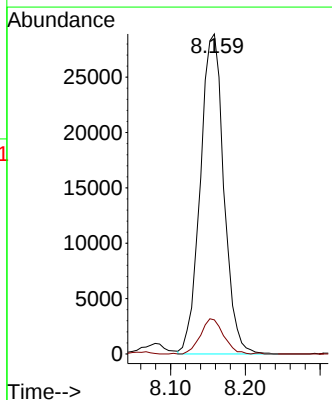
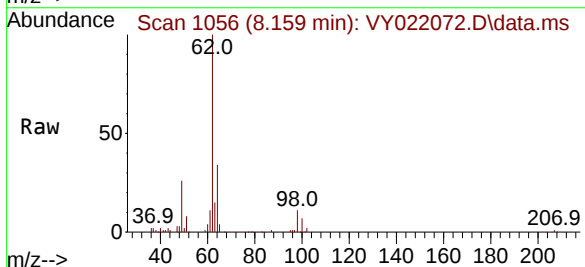
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

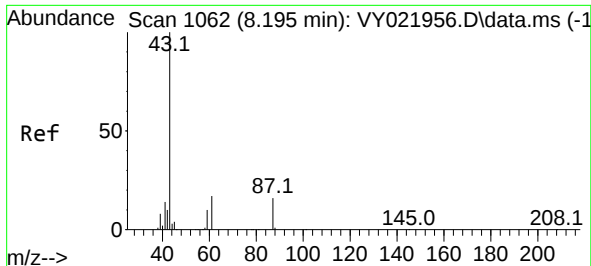
Tgt Ion: 41 Resp: 15307
Ion Ratio Lower Upper
41 100
39 56.0 36.6 55.0#
67 87.2 72.2 108.4
52 35.1 27.6 41.4



#42
1,2-Dichloroethane
Concen: 21.243 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 62 Resp: 63278
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

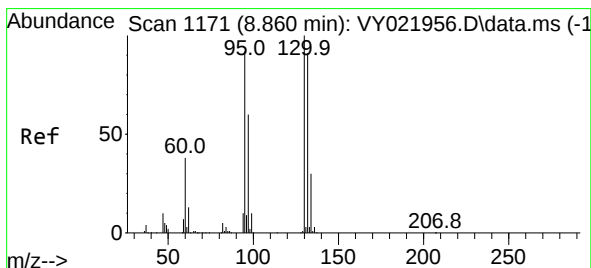
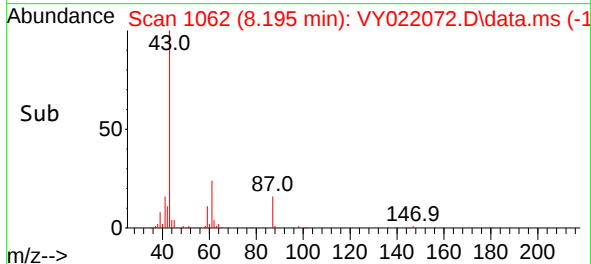
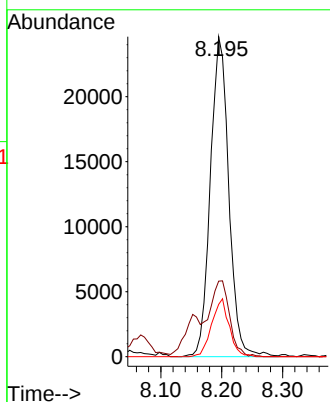
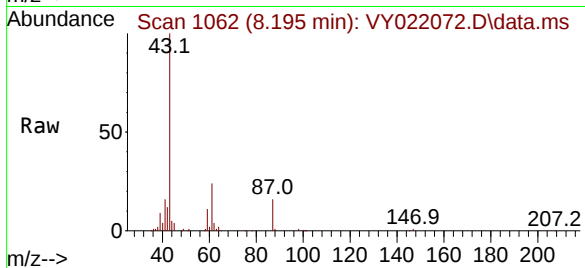




#43
Isopropyl Acetate
Concen: 19.521 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

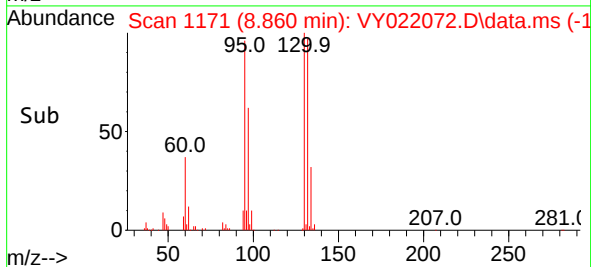
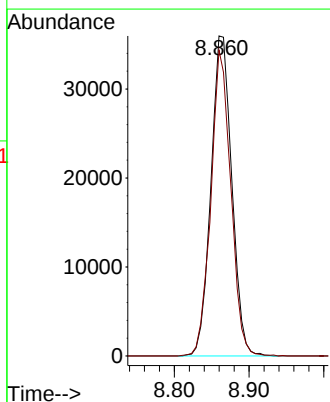
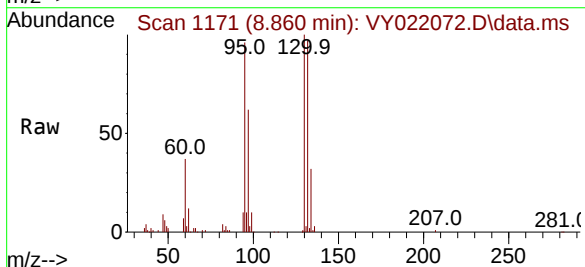
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

Tgt Ion: 43 Resp: 51820
Ion Ratio Lower Upper
43 100
61 24.4 18.9 28.3
87 17.2 13.7 20.5



#44
Trichloroethene
Concen: 20.921 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:130 Resp: 69720
Ion Ratio Lower Upper
130 100
95 95.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.334 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

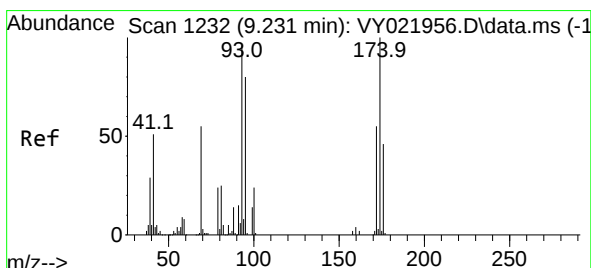
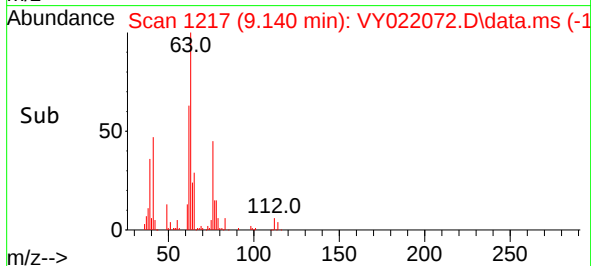
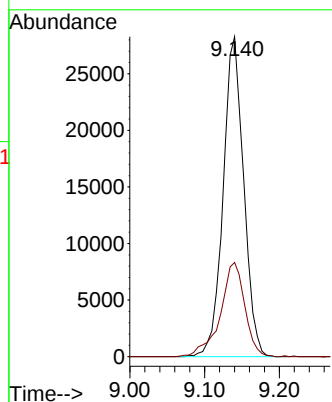
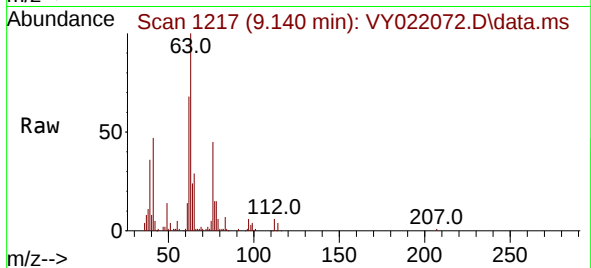
VY0430SBS01

Tgt Ion: 63 Resp: 54103

Ion Ratio Lower Upper

63 100

65 29.5 25.2 37.8



#46

Dibromomethane

Concen: 21.008 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

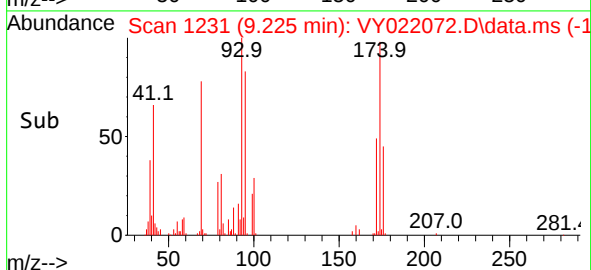
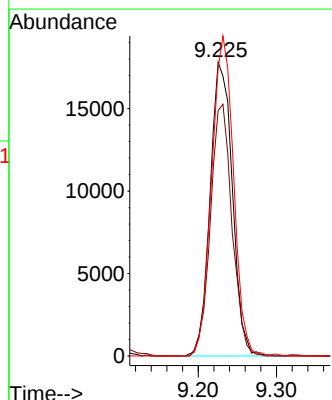
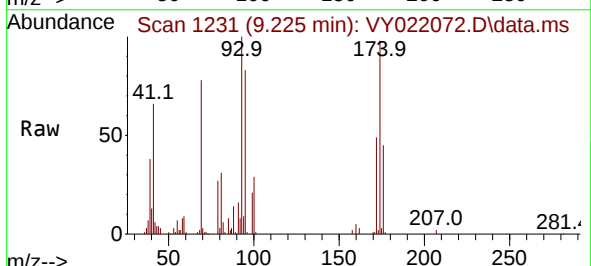
Tgt Ion: 93 Resp: 34989

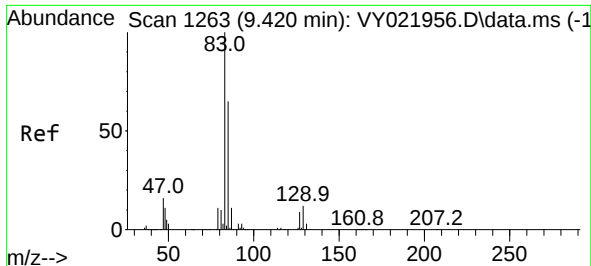
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 107.7 84.6 127.0

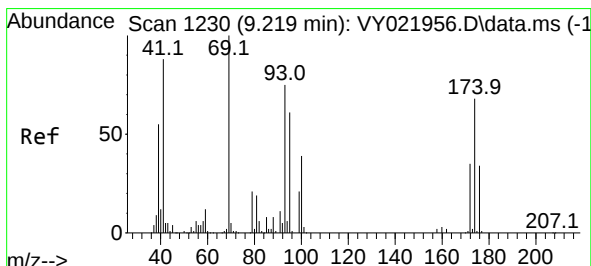
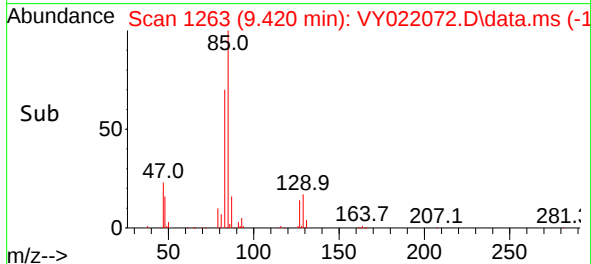
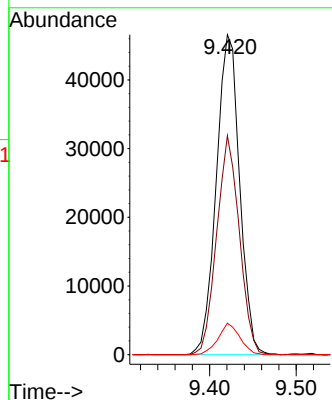
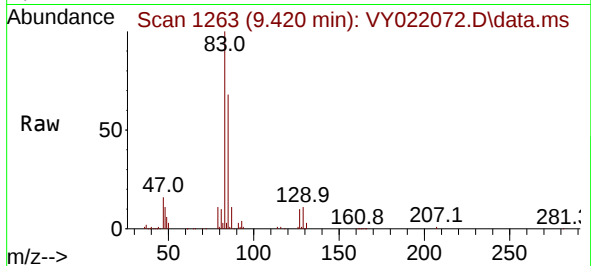




#47
 Bromodichloromethane
 Concen: 20.931 ug/l
 RT: 9.420 min Scan# 1263
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

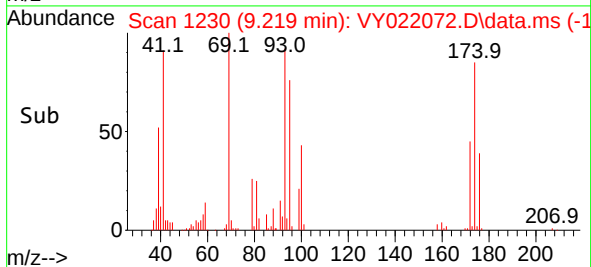
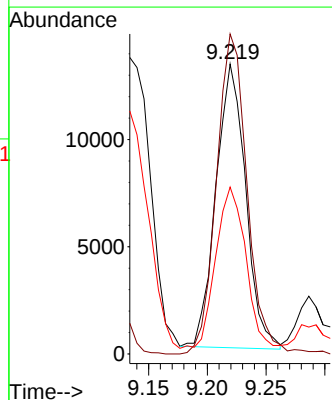
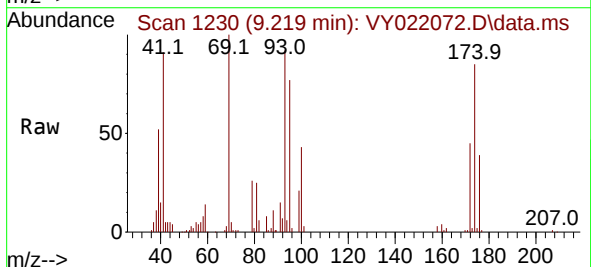
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

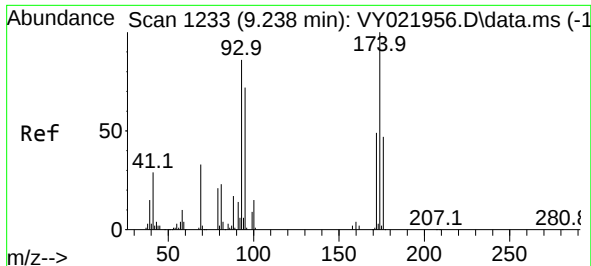
Tgt Ion: 83 Resp: 87089
 Ion Ratio Lower Upper
 83 100
 85 68.5 51.8 77.8
 127 9.9 7.0 10.6



#48
 Methyl methacrylate
 Concen: 18.974 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion: 41 Resp: 23285
 Ion Ratio Lower Upper
 41 100
 69 116.6 85.5 128.3
 39 57.1 46.2 69.4





#49

1,4-Dioxane

Concen: 393.308 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

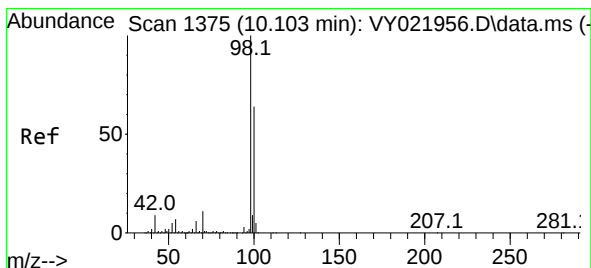
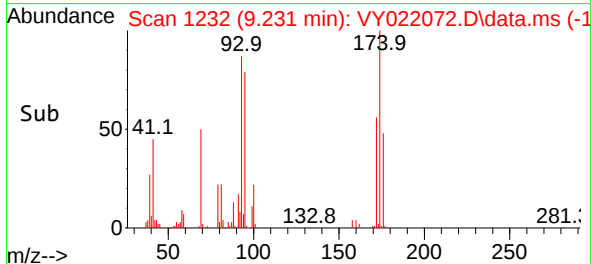
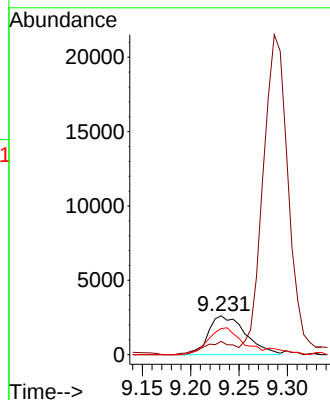
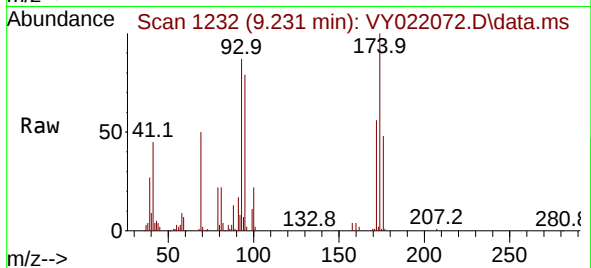
Tgt Ion: 88 Resp: 6982

Ion Ratio Lower Upper

88 100

43 28.0 21.3 31.9

58 71.6 50.5 75.7



#50

Toluene-d8

Concen: 52.668 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022072.D

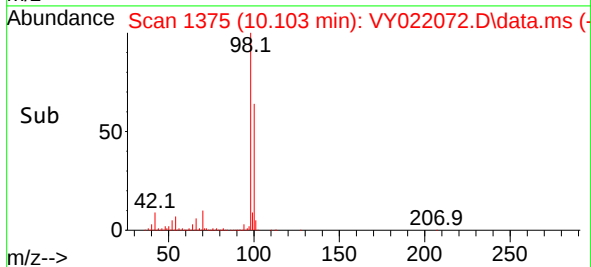
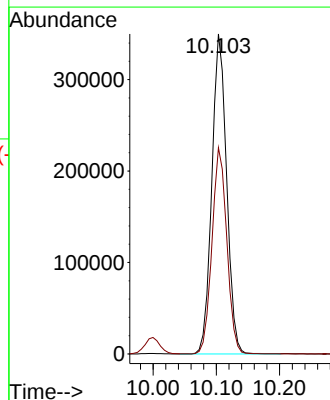
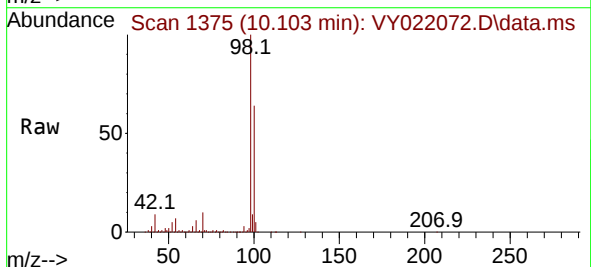
Acq: 30 Apr 2025 10:30

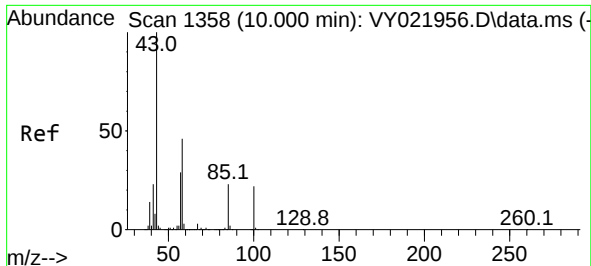
Tgt Ion: 98 Resp: 568923

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

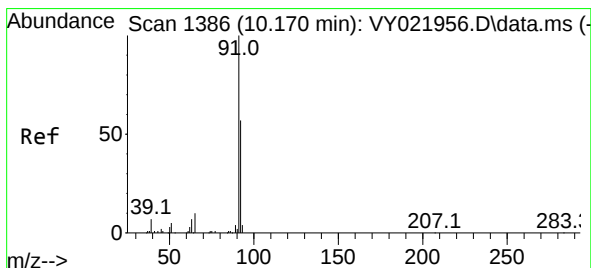
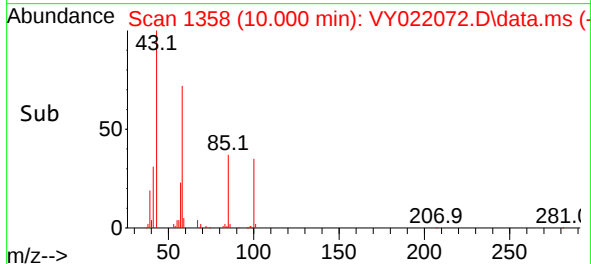
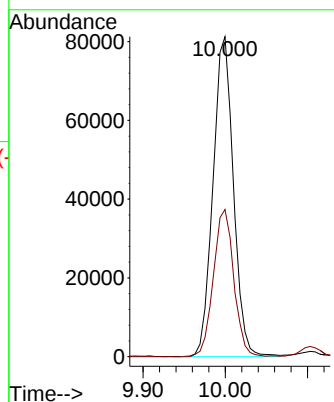
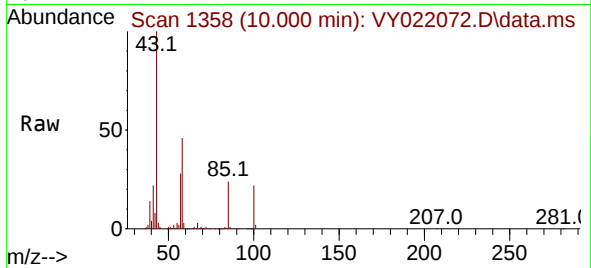




#51
4-Methyl-2-Pentanone
Concen: 100.658 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

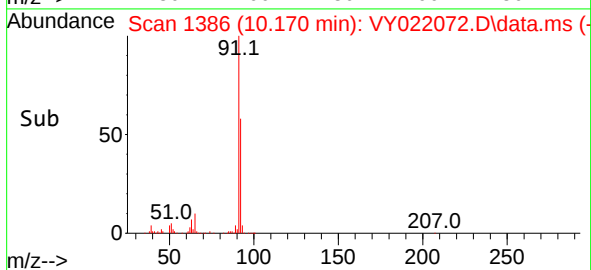
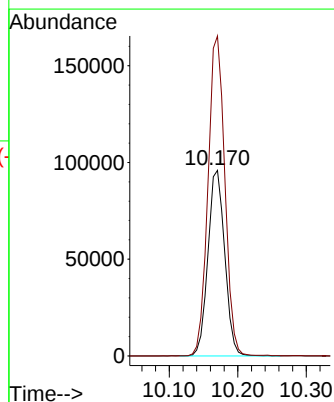
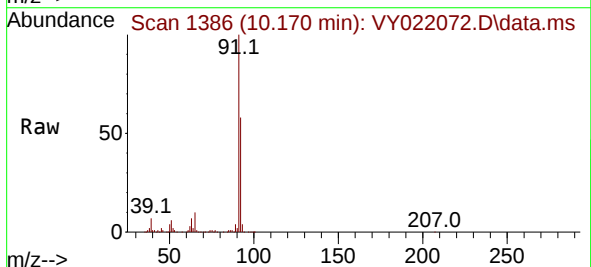
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

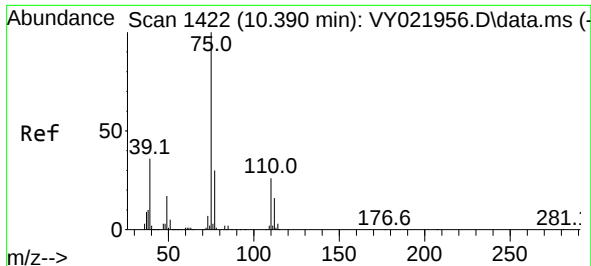
Tgt Ion: 43 Resp: 140074
Ion Ratio Lower Upper
43 100
58 46.1 36.6 55.0



#52
Toluene
Concen: 21.002 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 92 Resp: 163564
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8

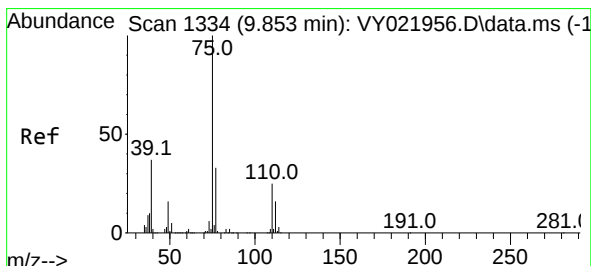
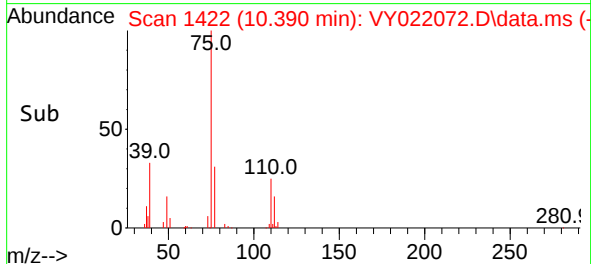
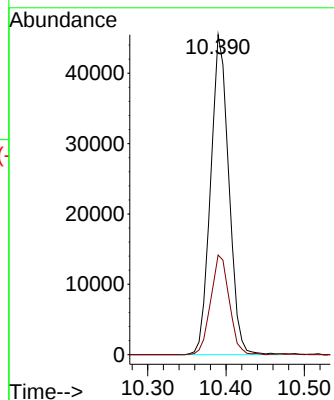
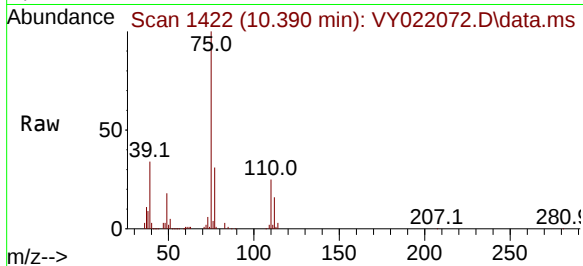




#53
 t-1,3-Dichloropropene
 Concen: 20.578 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

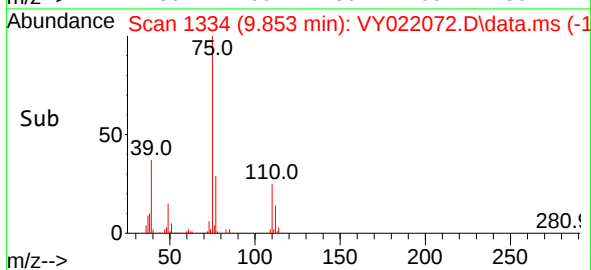
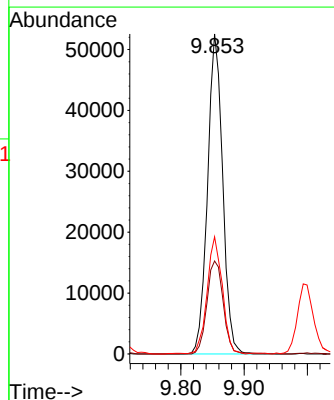
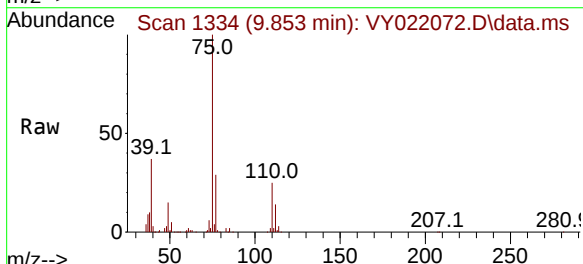
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

Tgt Ion: 75 Resp: 73442
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.585 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion: 75 Resp: 87328
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.6 40.0
 39 36.5 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 20.891 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

Tgt Ion: 97 Resp: 46477

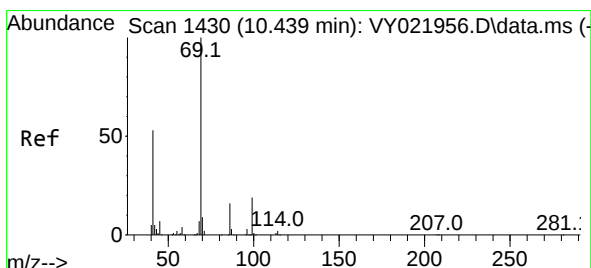
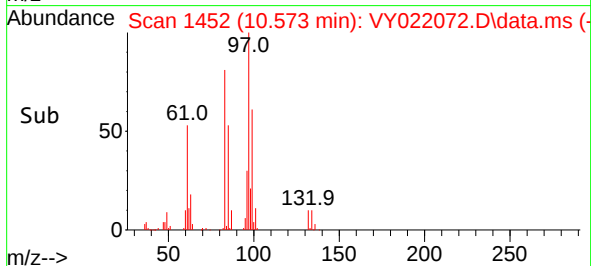
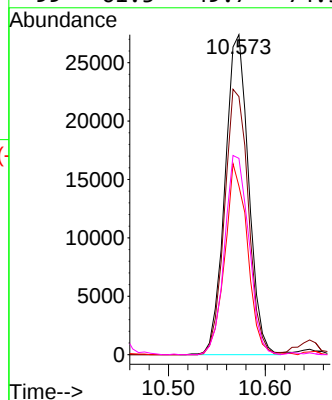
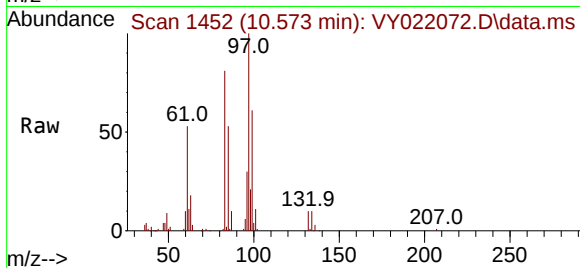
Ion Ratio Lower Upper

97 100

83 80.7 66.7 100.1

85 52.7 42.6 64.0

99 61.3 49.7 74.5



#56

Ethyl methacrylate

Concen: 18.733 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

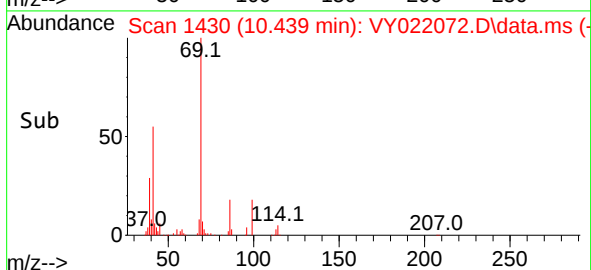
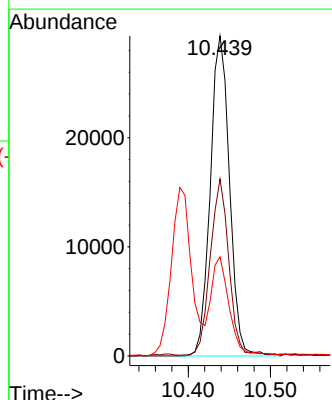
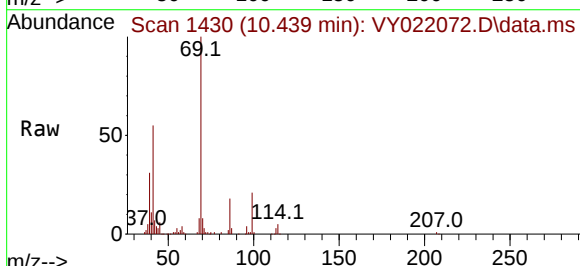
Tgt Ion: 69 Resp: 47660

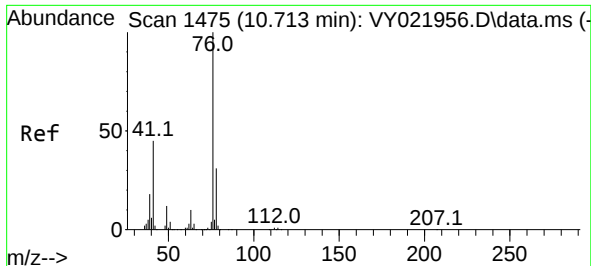
Ion Ratio Lower Upper

69 100

41 53.1 40.7 61.1

39 28.3 23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.651 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

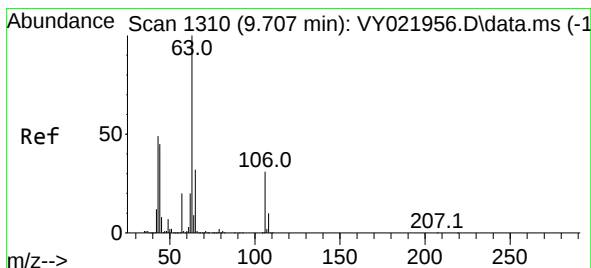
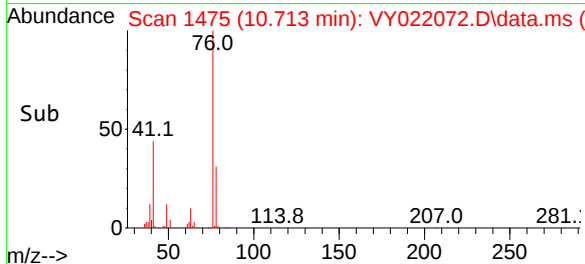
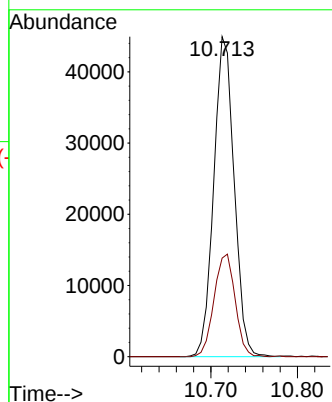
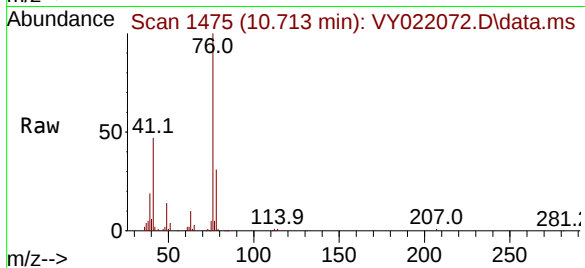
VY0430SBS01

Tgt Ion: 76 Resp: 73654

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.556 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022072.D

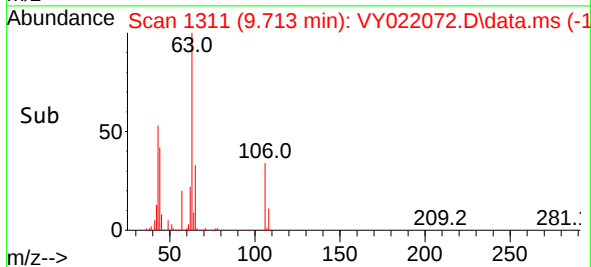
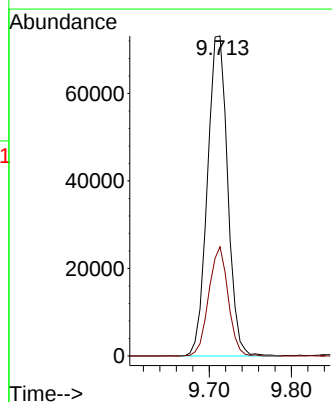
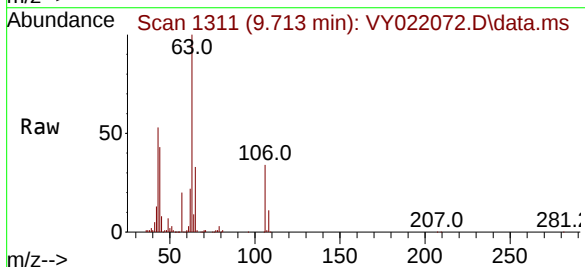
Acq: 30 Apr 2025 10:30

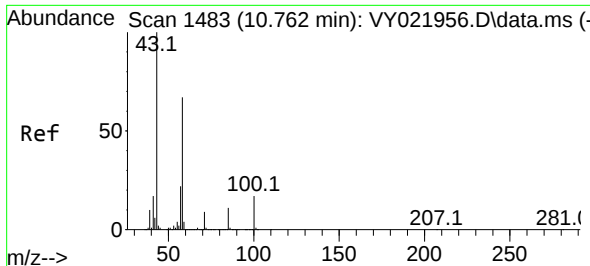
Tgt Ion: 63 Resp: 125085

Ion Ratio Lower Upper

63 100

106 32.6 25.3 37.9

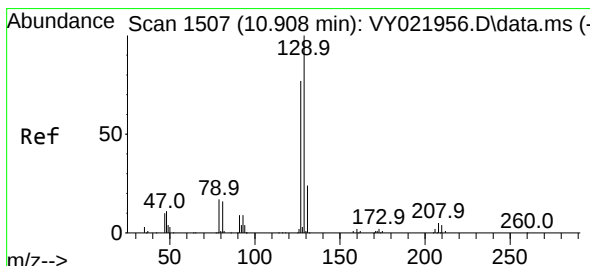
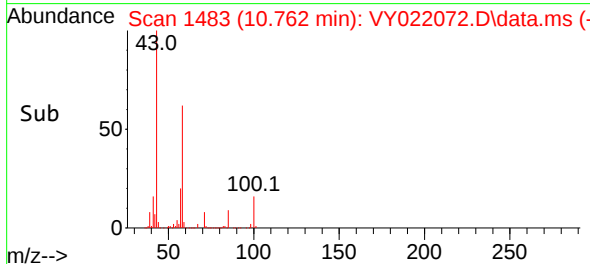
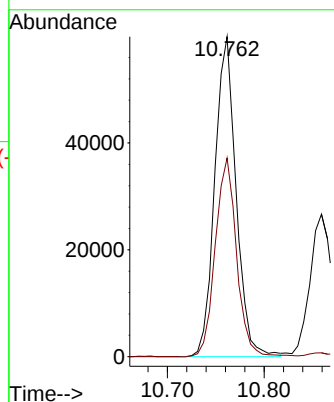
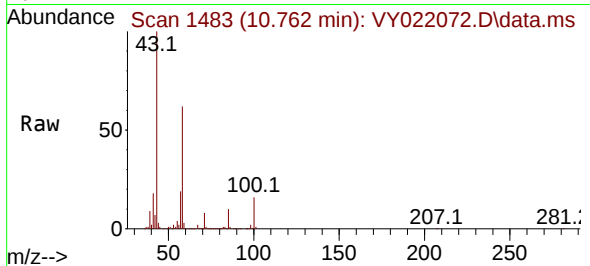




#59
2-Hexanone
Concen: 99.867 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

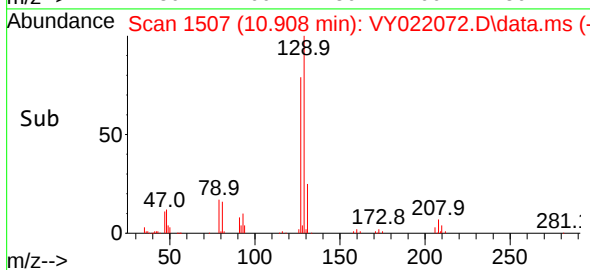
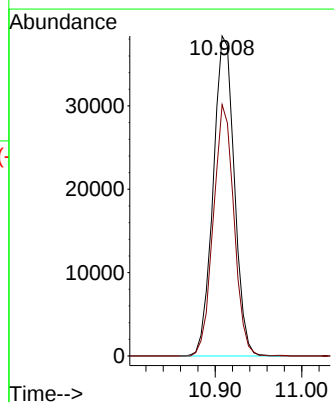
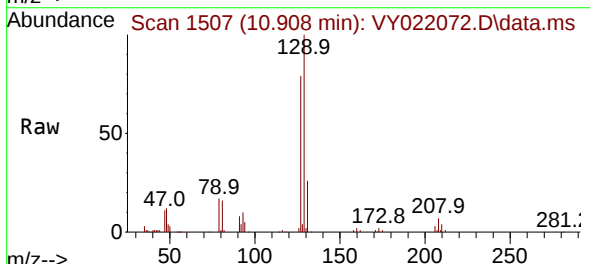
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

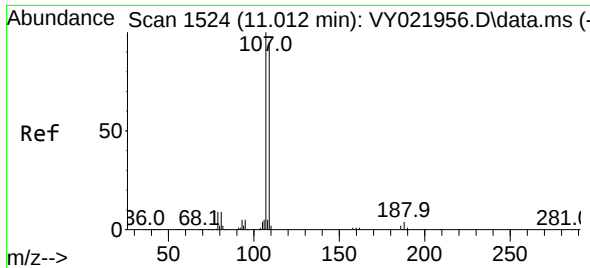
Tgt Ion: 43 Resp: 91664
Ion Ratio Lower Upper
43 100
58 62.1 32.0 96.0



#60
Dibromochloromethane
Concen: 21.132 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 129 Resp: 65090
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3

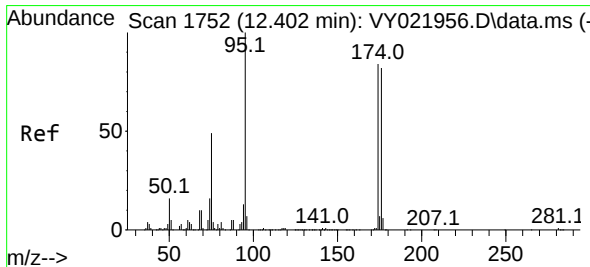
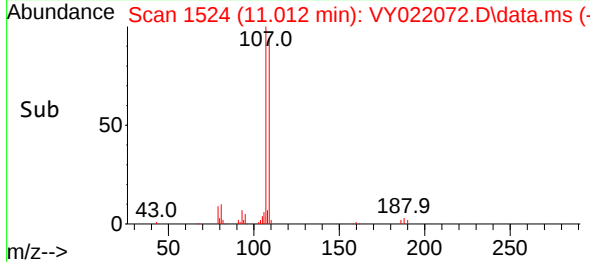
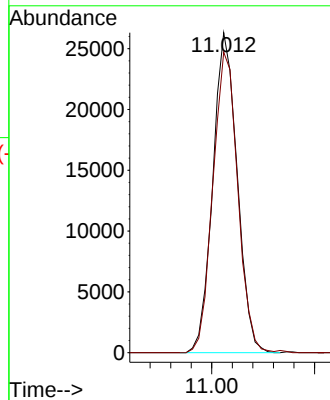
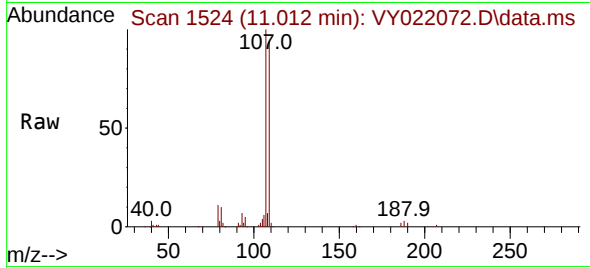




#61
1,2-Dibromoethane
Concen: 20.584 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

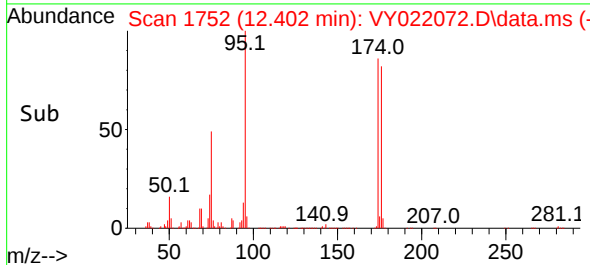
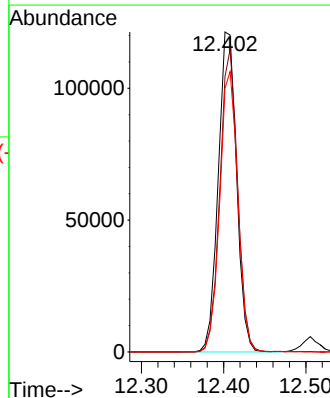
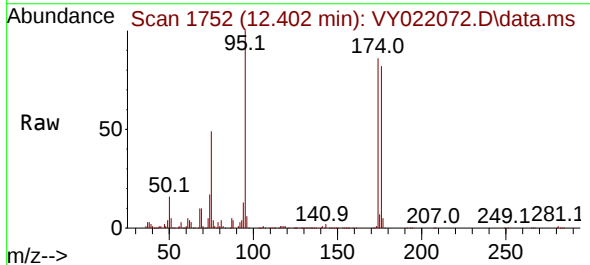
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

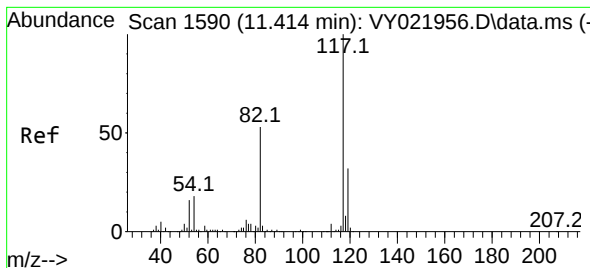
Tgt Ion:107 Resp: 43234
Ion Ratio Lower Upper
107 100
109 96.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.779 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 95 Resp: 188289
Ion Ratio Lower Upper
95 100
174 91.6 0.0 179.0
176 86.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

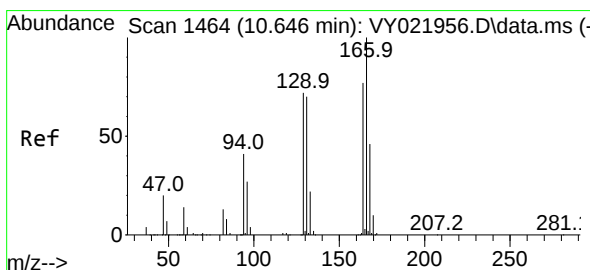
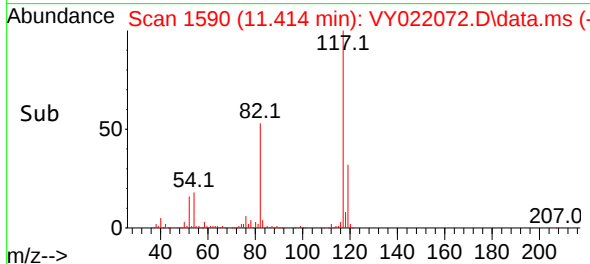
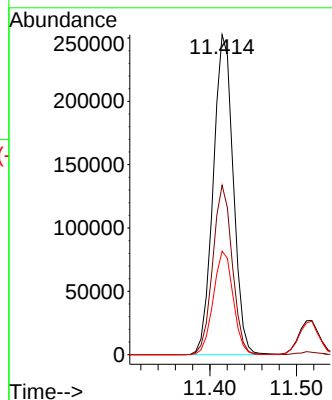
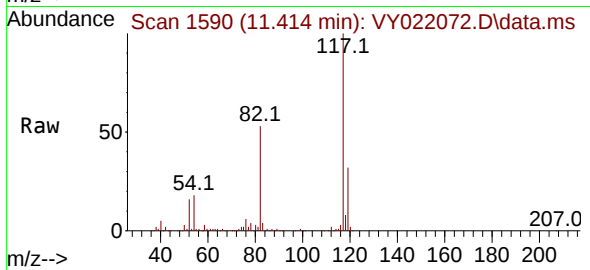
Tgt Ion:117 Resp: 405299

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 21.080 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Tgt Ion:164 Resp: 80599

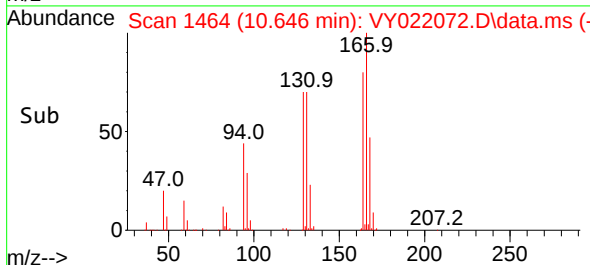
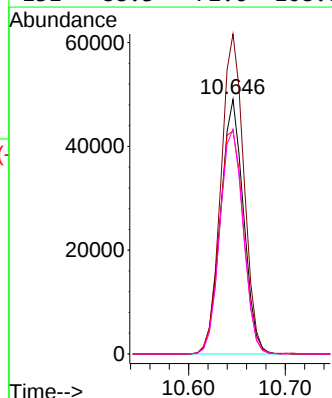
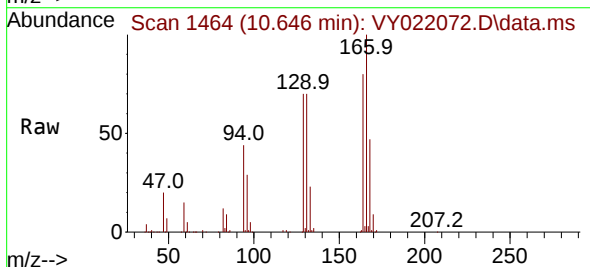
Ion Ratio Lower Upper

164 100

166 125.7 103.6 155.4

129 87.5 74.2 111.4

131 88.3 72.6 108.8





#65

Chlorobenzene

Concen: 20.111 ug/l

RT: 11.438 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

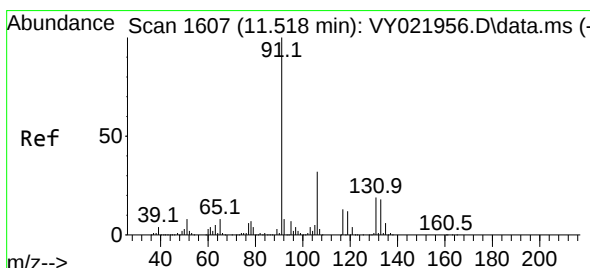
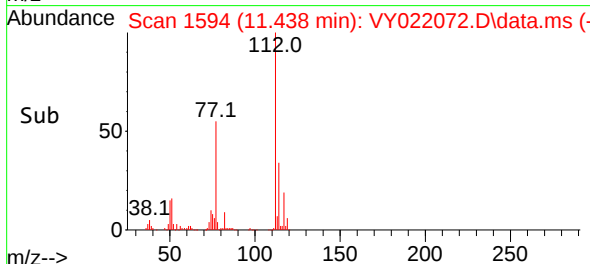
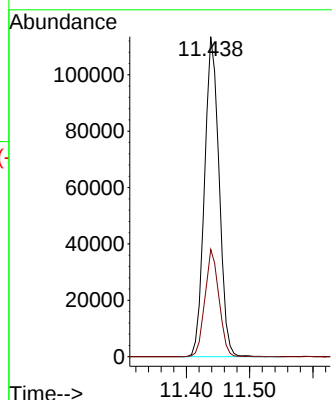
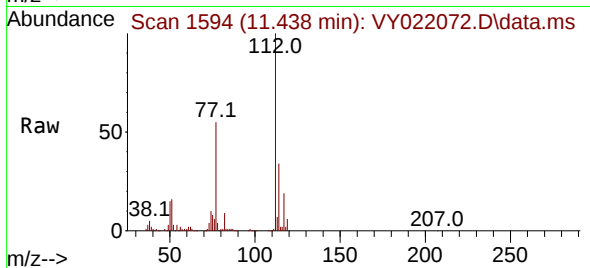
VY0430SBS01

Tgt Ion:112 Resp: 182280

Ion Ratio Lower Upper

112 100

114 33.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.773 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

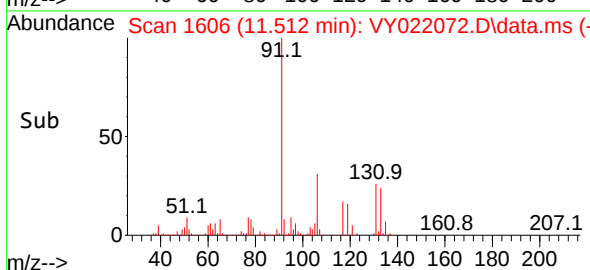
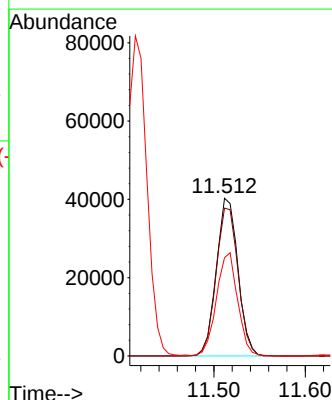
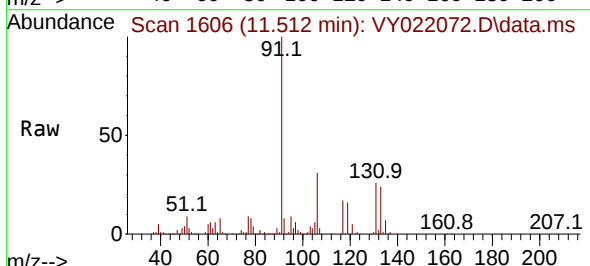
Tgt Ion:131 Resp: 66284

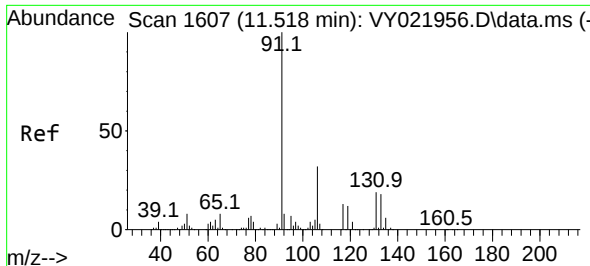
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 64.1 32.4 97.0

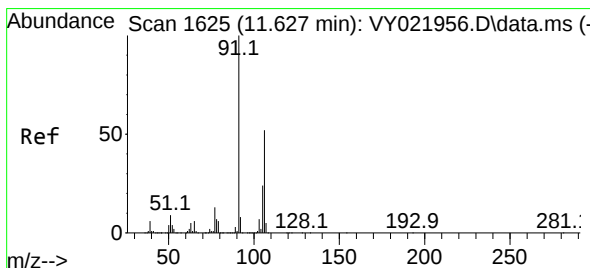
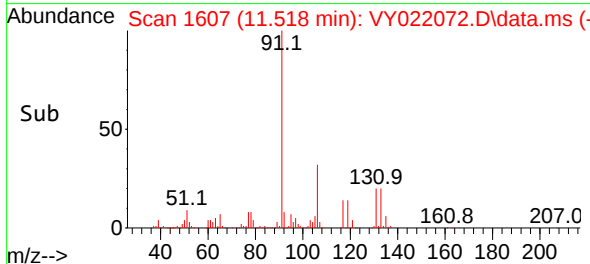
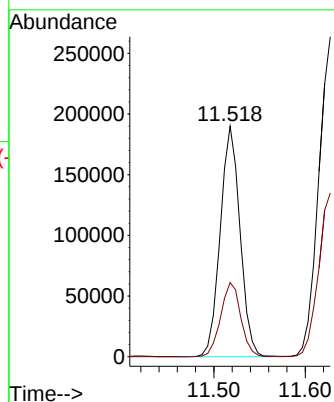
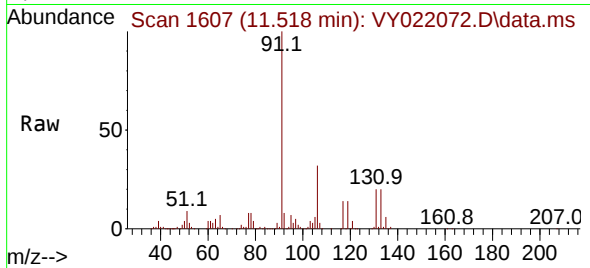




#67
Ethyl Benzene
Concen: 19.258 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

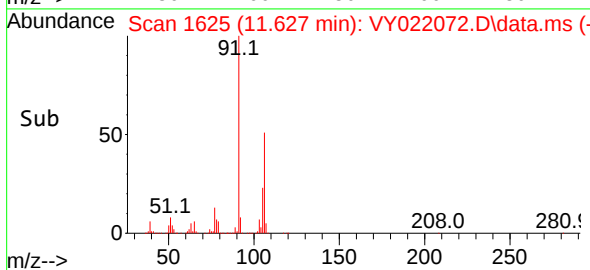
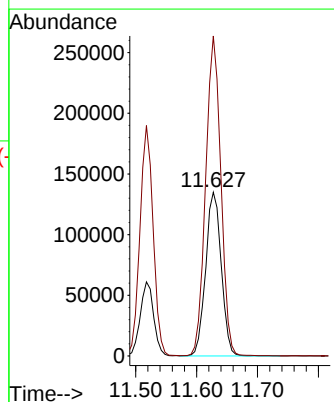
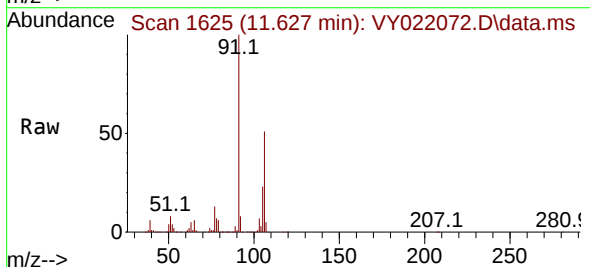
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

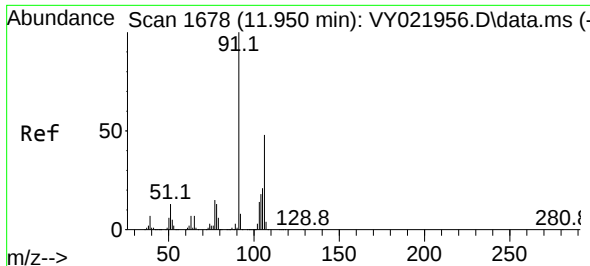
Tgt Ion: 91 Resp: 285528
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 40.623 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 106 Resp: 239665
Ion Ratio Lower Upper
106 100
91 190.7 156.2 234.2

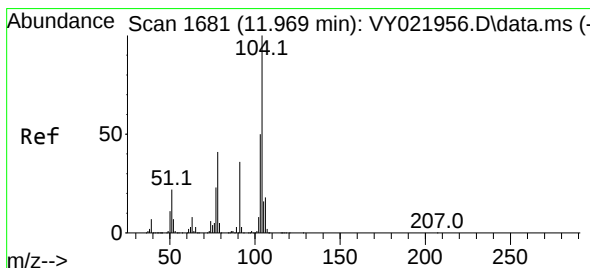
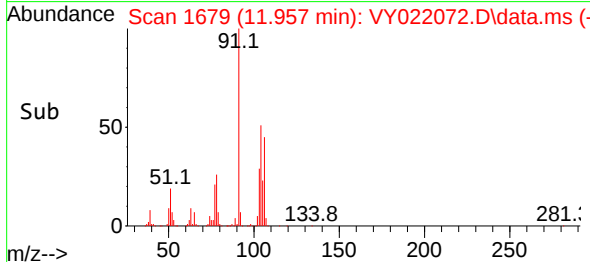
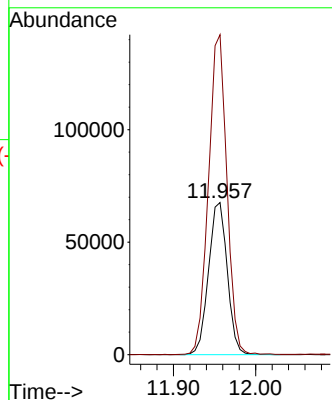
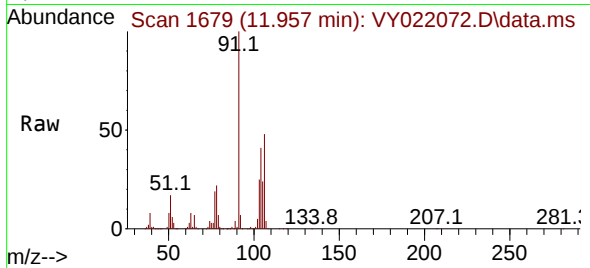




#69
o-Xylene
Concen: 19.654 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

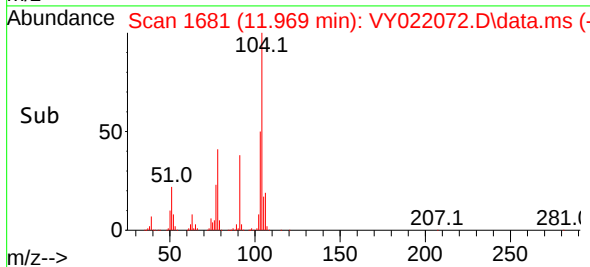
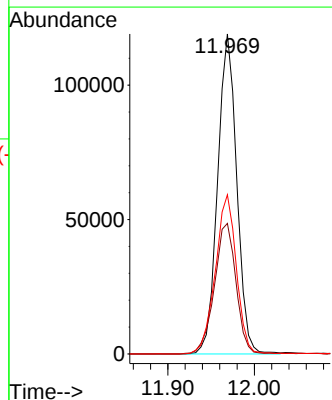
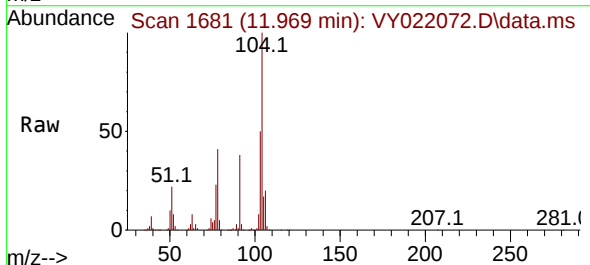
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

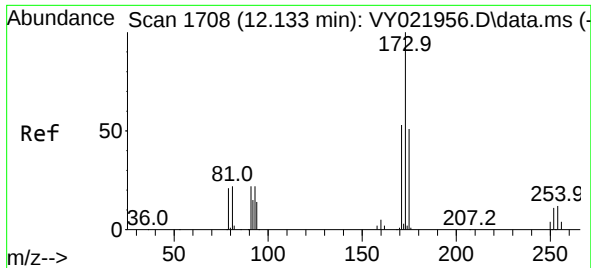
Tgt Ion:106 Resp: 106876
Ion Ratio Lower Upper
106 100
91 206.8 103.0 308.9



#70
Styrene
Concen: 20.012 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:104 Resp: 182708
Ion Ratio Lower Upper
104 100
78 46.0 36.6 54.8
103 54.7 43.8 65.8

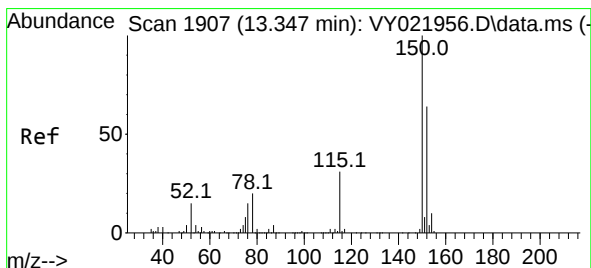
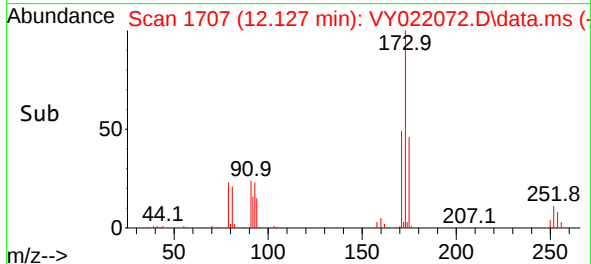
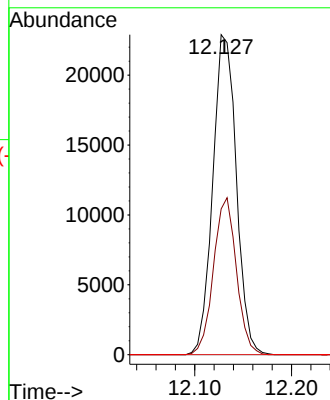
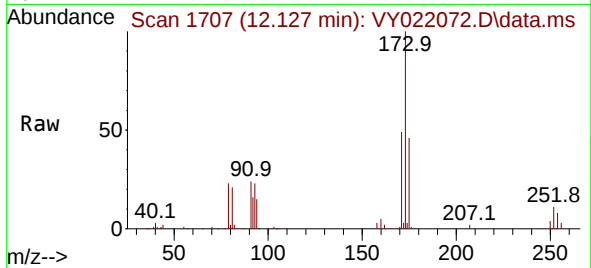




#71
Bromoform
Concen: 20.871 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

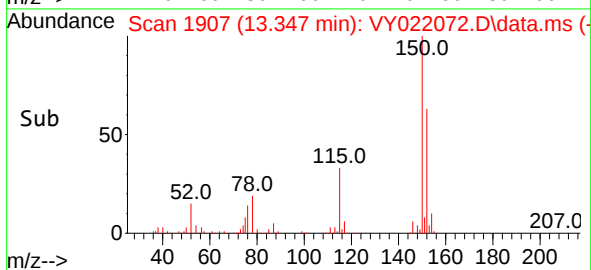
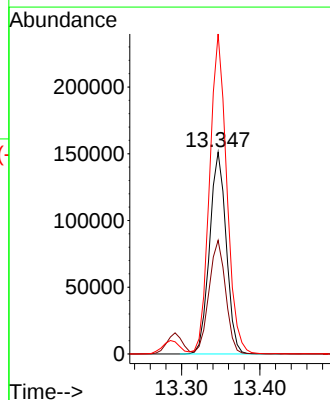
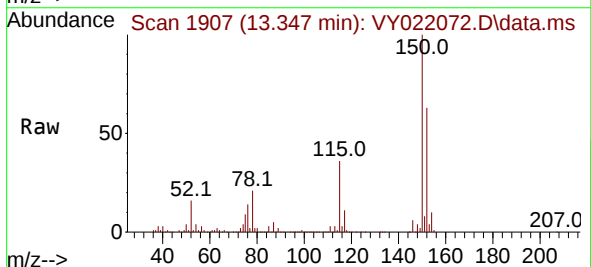
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

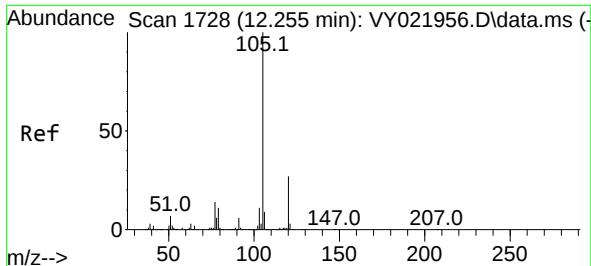
Tgt Ion:173 Resp: 38719
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:152 Resp: 222589
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 163.3 0.0 345.6

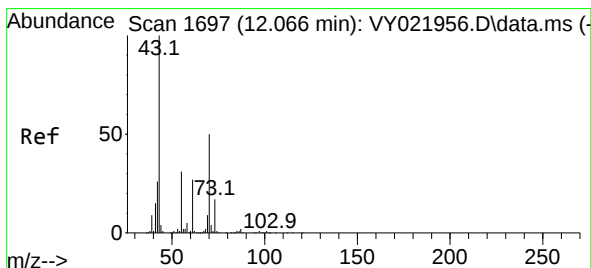
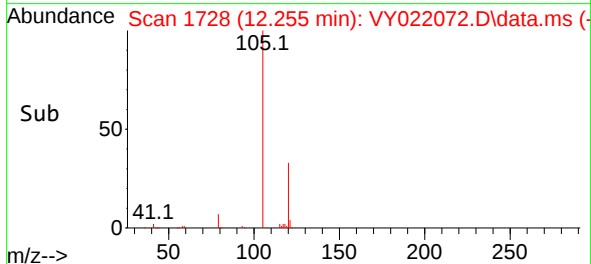
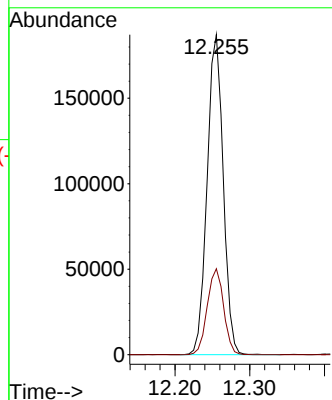
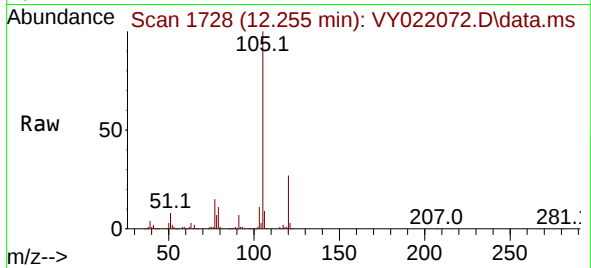




#73
Isopropylbenzene
Concen: 18.799 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

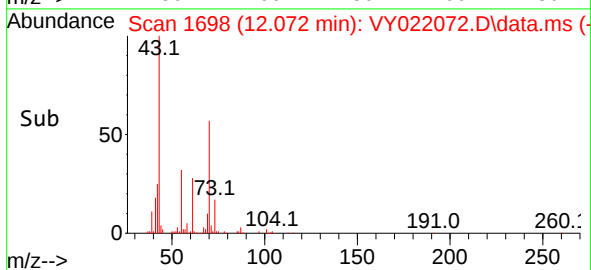
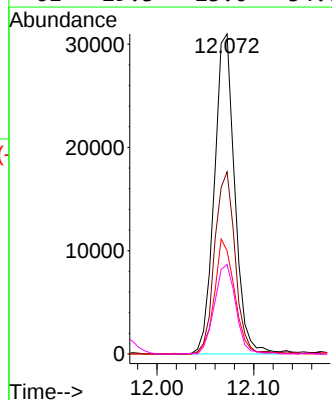
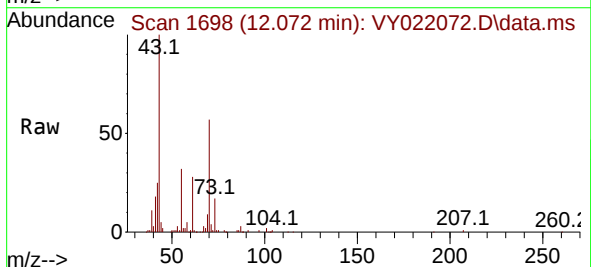
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

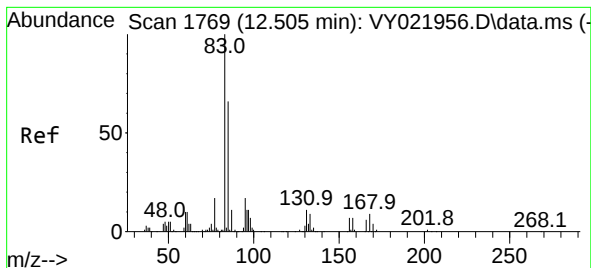
Tgt Ion:105 Resp: 279562
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5



#74
N-ethyl acetate
Concen: 17.740 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 43 Resp: 45327
Ion Ratio Lower Upper
43 100
70 57.2 43.2 64.8
55 35.7 25.7 38.5
61 29.3 23.0 34.6

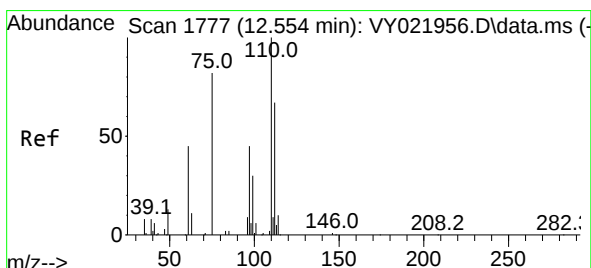
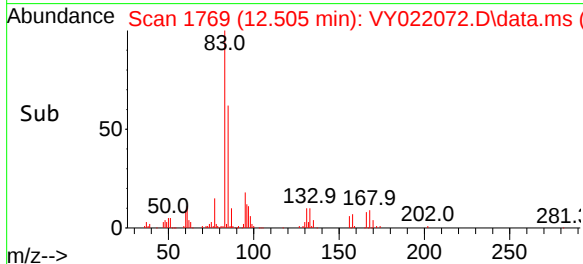
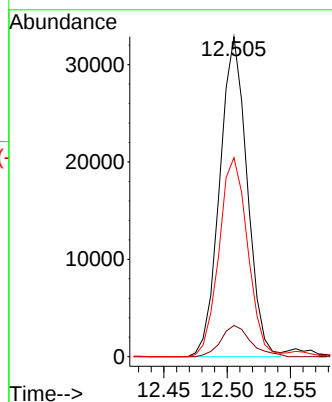
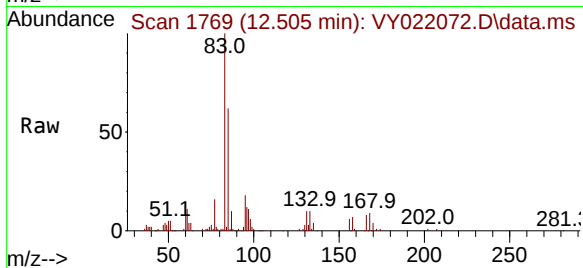




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.730 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

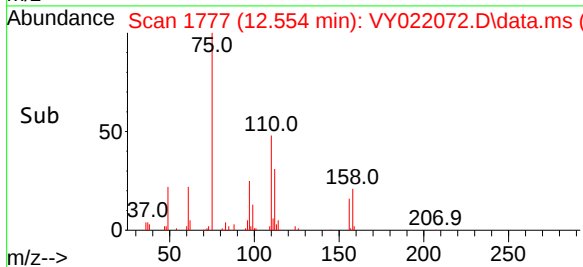
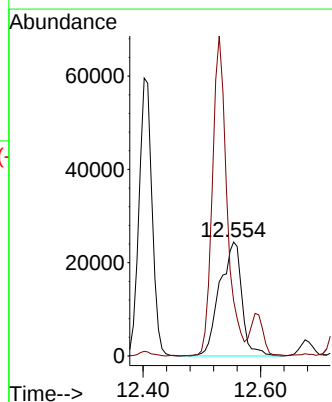
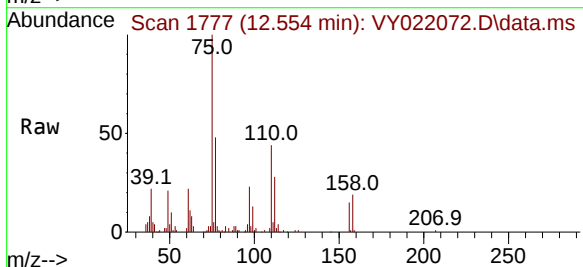
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

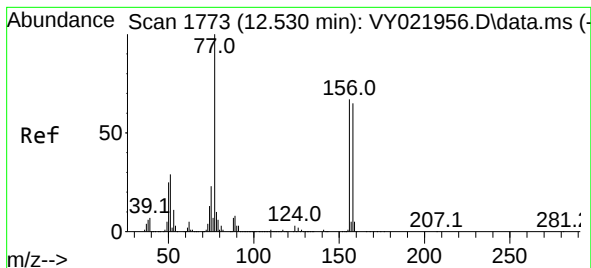
Tgt Ion: 83 Resp: 49468
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.5 16.4
 85 65.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.625 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion: 75 Resp: 64108
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.657 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

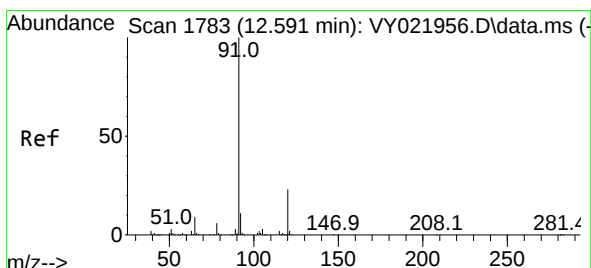
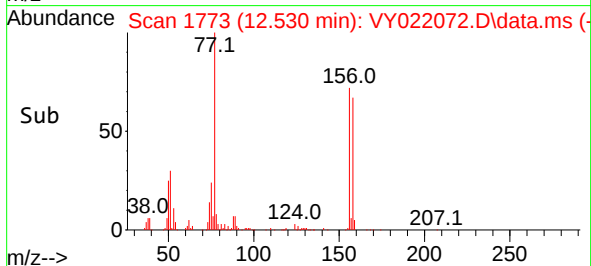
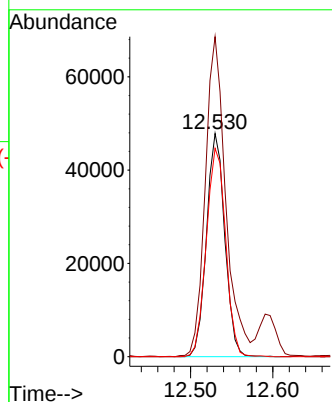
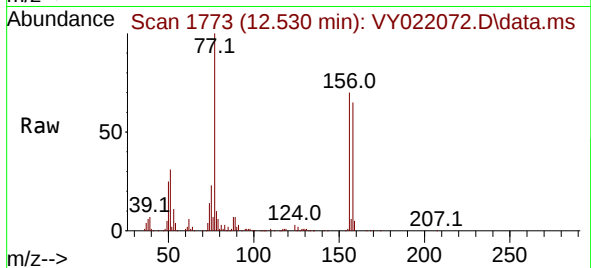
Tgt Ion:156 Resp: 73867

Ion Ratio Lower Upper

156 100

77 160.2 82.7 248.1

158 98.9 48.1 144.4



#78

n-propylbenzene

Concen: 19.361 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022072.D

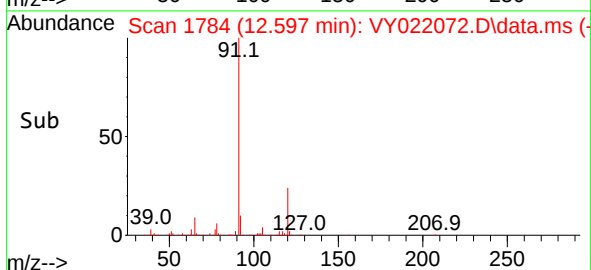
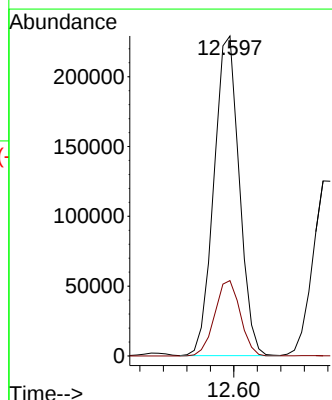
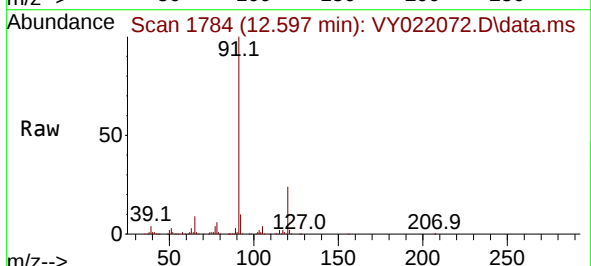
Acq: 30 Apr 2025 10:30

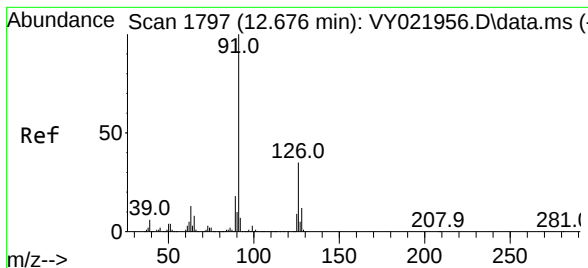
Tgt Ion: 91 Resp: 342875

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5

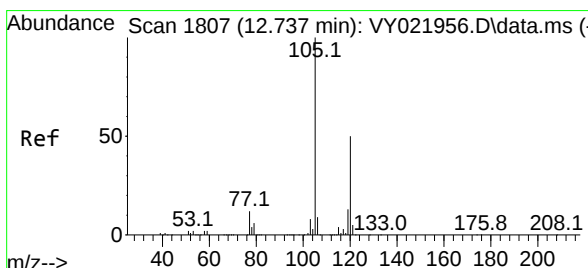
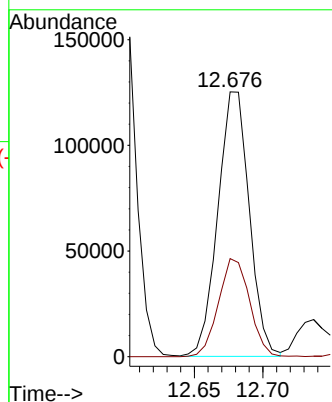
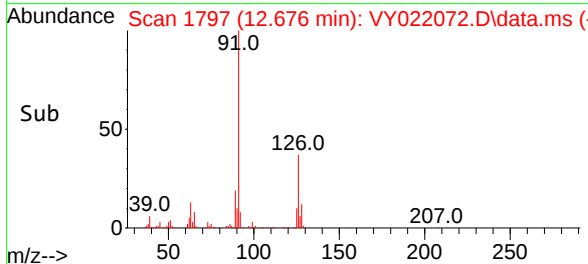
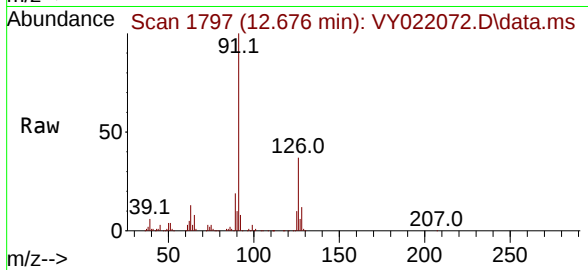




#79
2-Chlorotoluene
Concen: 19.446 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

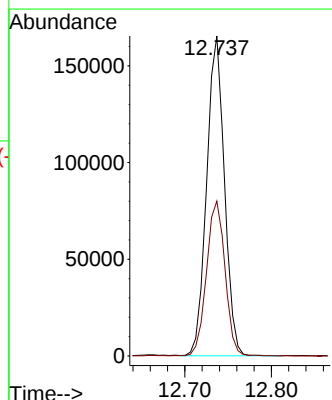
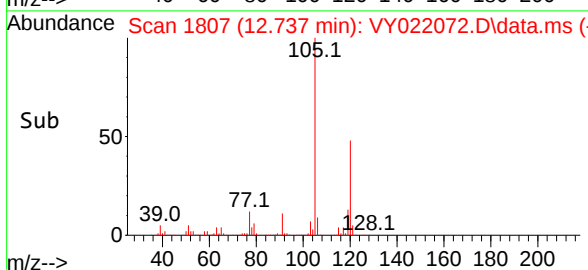
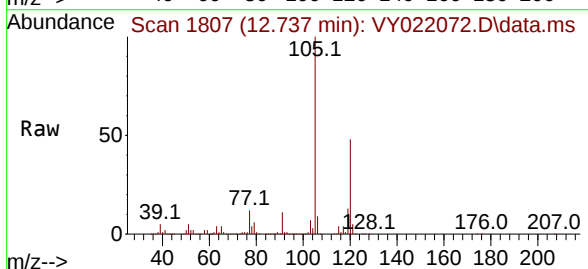
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

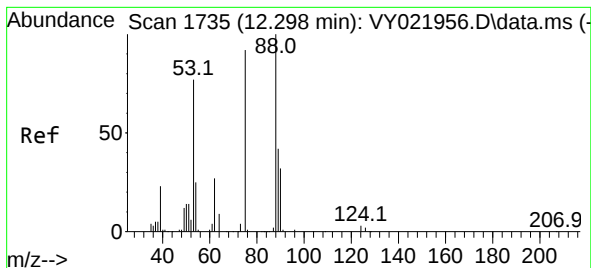
Tgt Ion: 91 Resp: 200281
Ion Ratio Lower Upper
91 100
126 36.7 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 19.234 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 105 Resp: 235676
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0

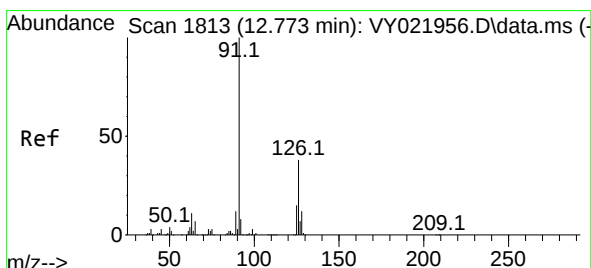
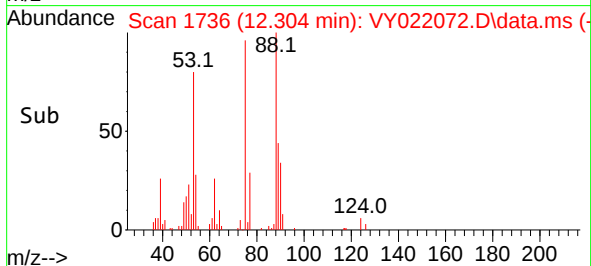
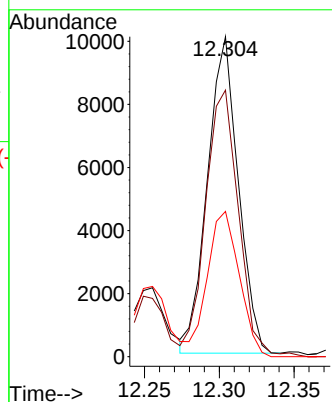
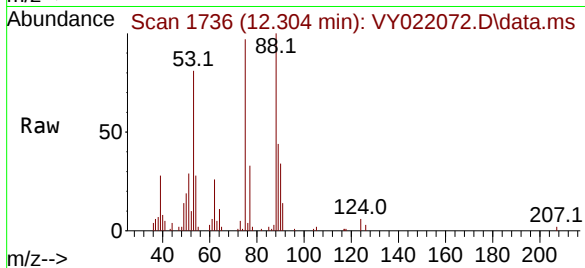




#81
trans-1,4-Dichloro-2-butene
Concen: 18.155 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

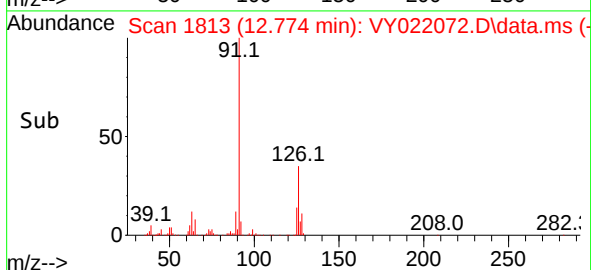
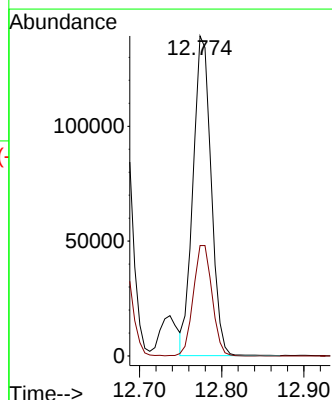
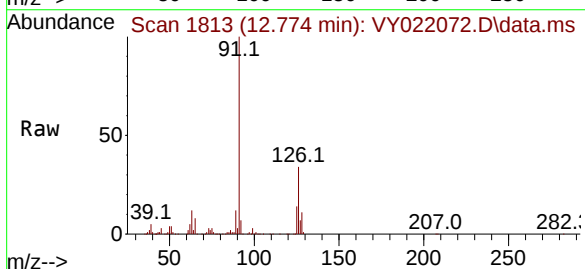
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

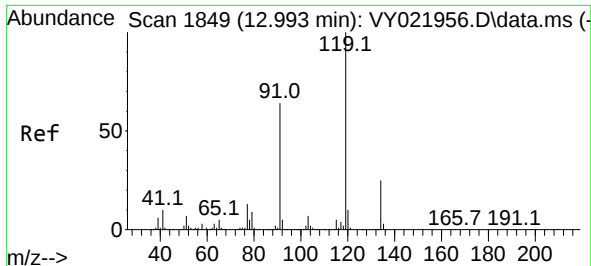
Tgt Ion: 75 Resp: 14374
Ion Ratio Lower Upper
75 100
53 90.1 66.0 99.0
89 47.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.870 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion: 91 Resp: 212735
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8

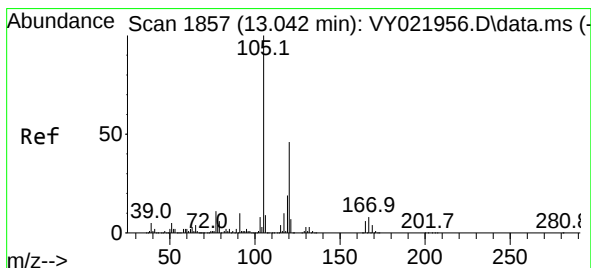
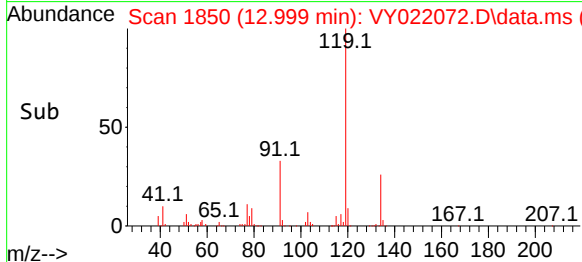
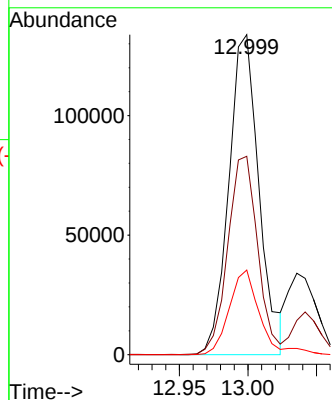
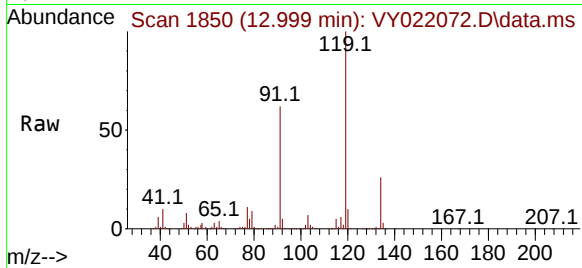




#83
tert-Butylbenzene
Concen: 18.735 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

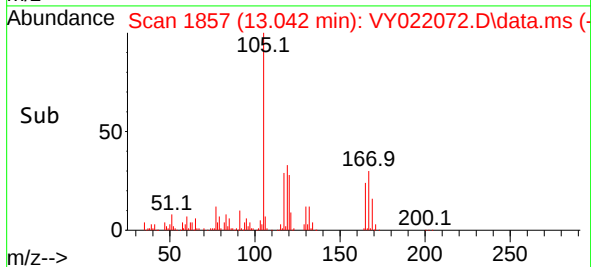
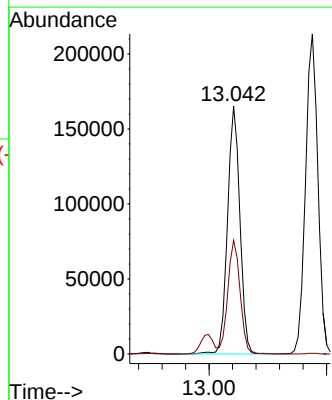
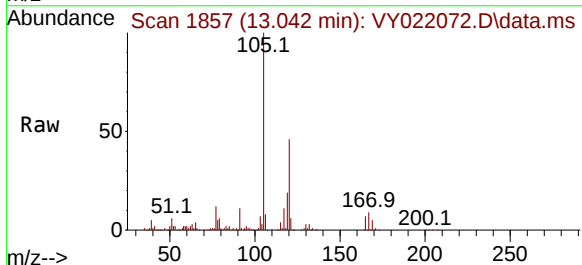
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBS01

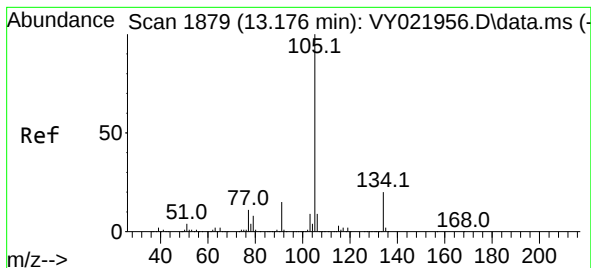
Tgt Ion:119 Resp: 205879
Ion Ratio Lower Upper
119 100
91 61.3 30.3 90.9
134 26.8 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.725 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022072.D
Acq: 30 Apr 2025 10:30

Tgt Ion:105 Resp: 241750
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.235 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

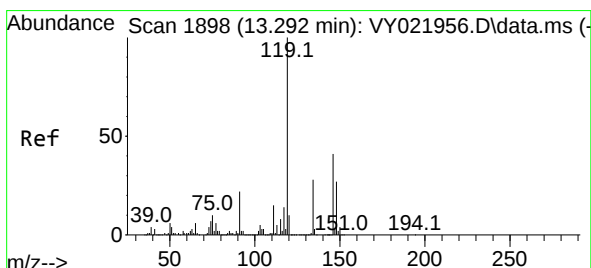
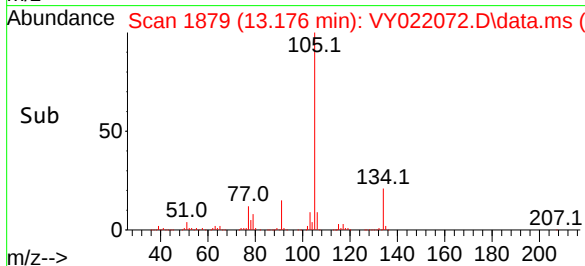
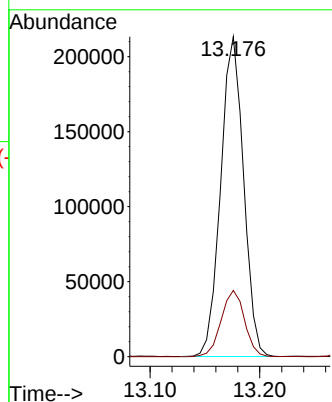
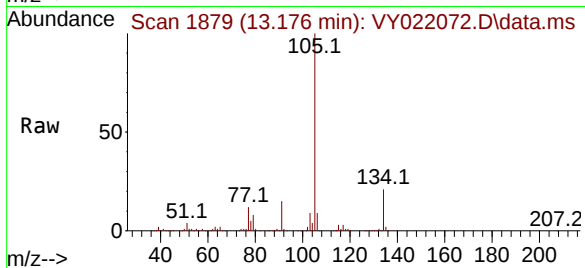
VY0430SBS01

Tgt Ion:105 Resp: 309315

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.078 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

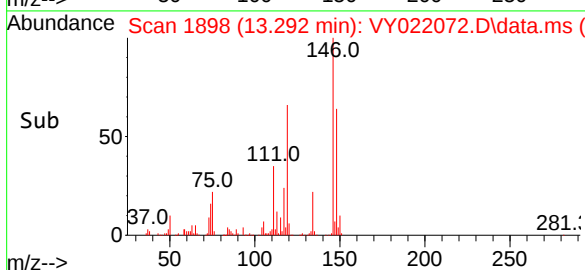
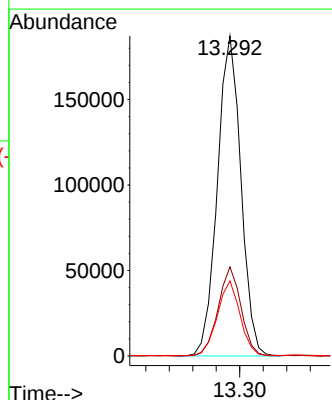
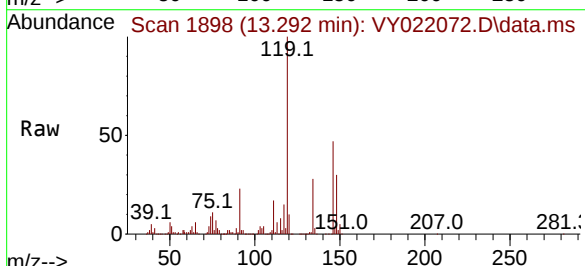
Tgt Ion:119 Resp: 260507

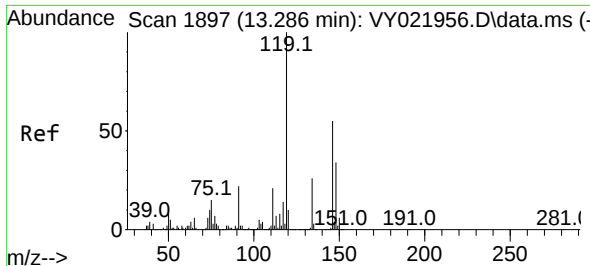
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.6 11.0 33.0

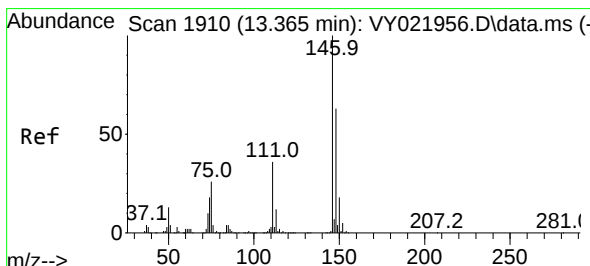
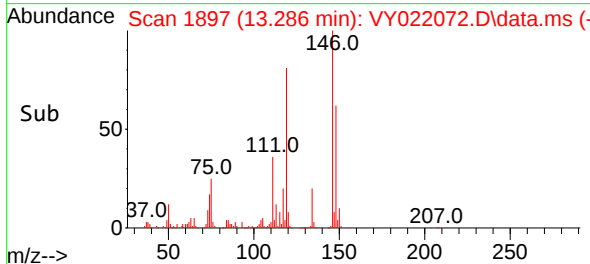
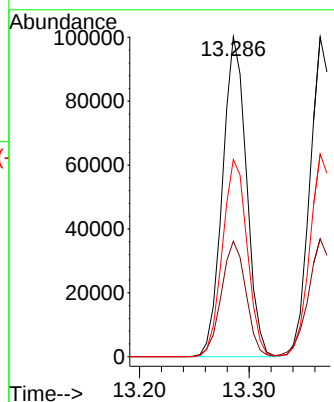
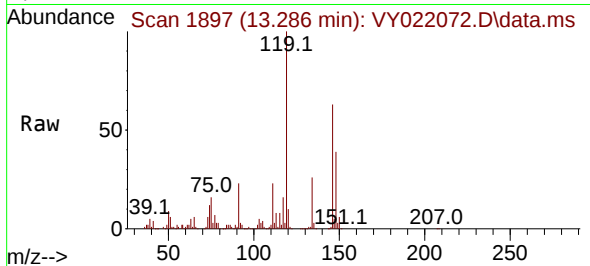




#87
 1,3-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

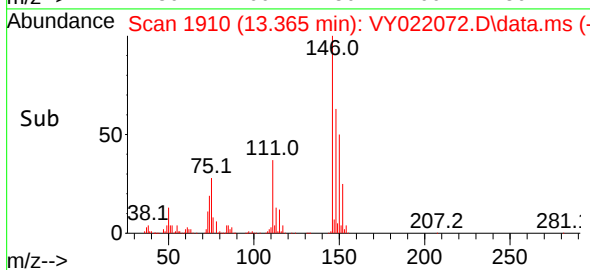
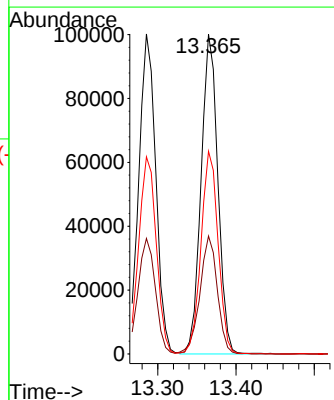
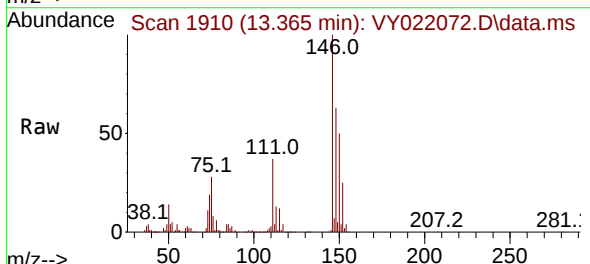
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

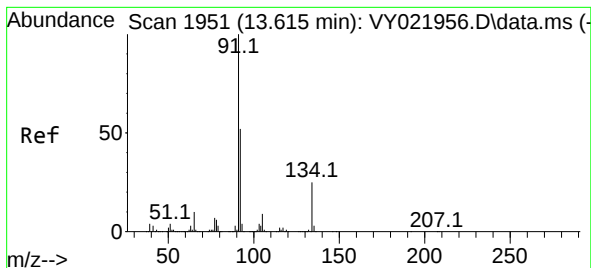
Tgt Ion:146 Resp: 152160
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.5
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.695 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022072.D
 Acq: 30 Apr 2025 10:30

Tgt Ion:146 Resp: 148875
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.2 57.6
 148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 18.513 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

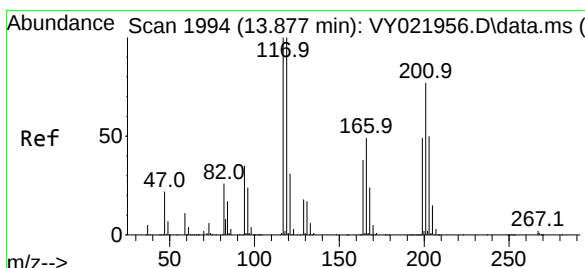
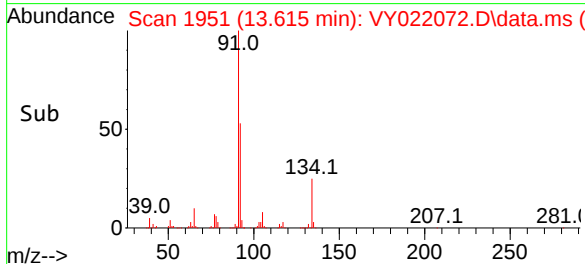
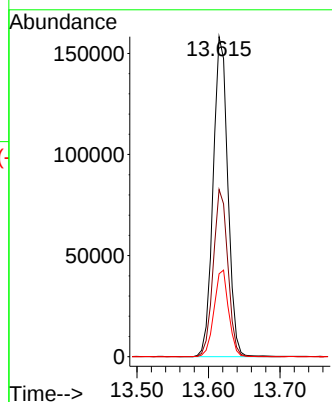
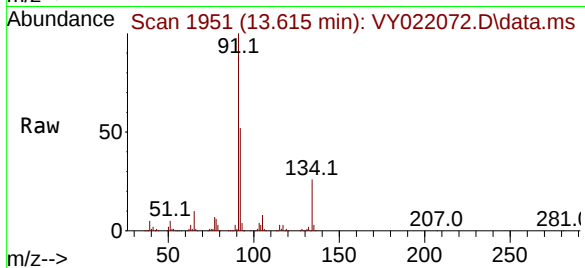
Tgt Ion: 91 Resp: 225950

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 26.8 13.4 40.1



#90

Hexachloroethane

Concen: 19.391 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022072.D

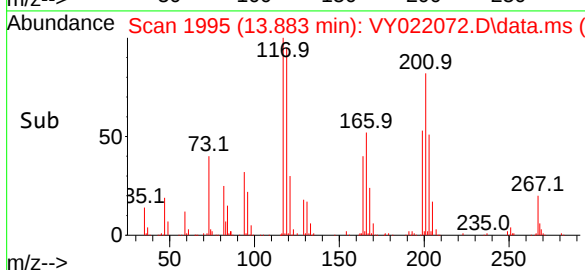
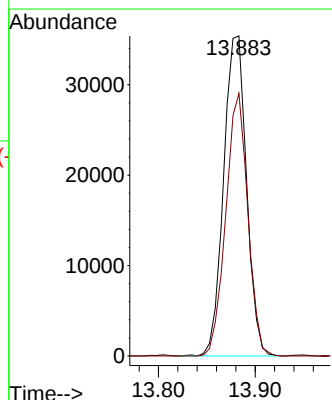
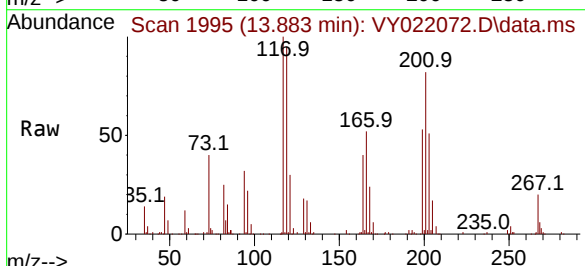
Acq: 30 Apr 2025 10:30

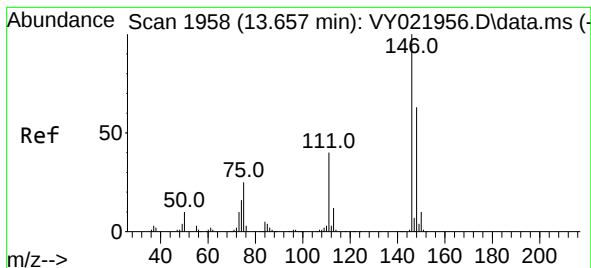
Tgt Ion: 117 Resp: 58174

Ion Ratio Lower Upper

117 100

201 78.9 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 20.139 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

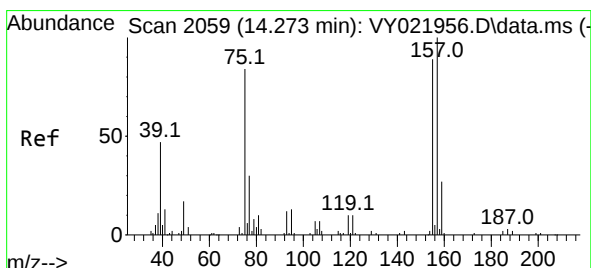
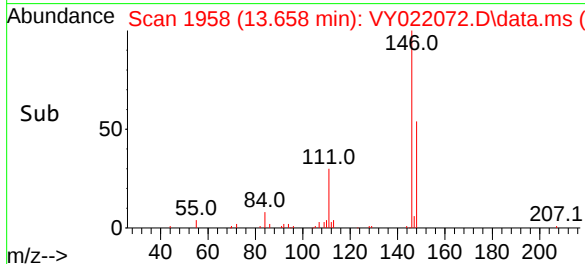
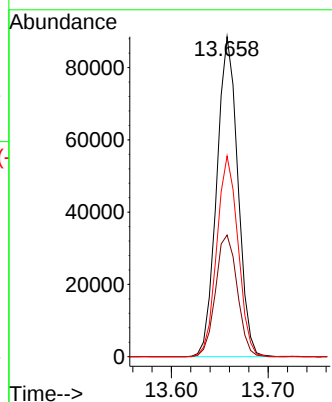
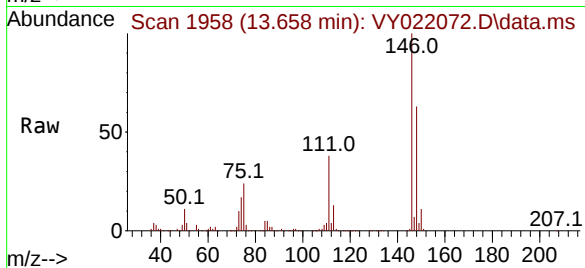
Tgt Ion:146 Resp: 134059

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

148 62.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.150 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

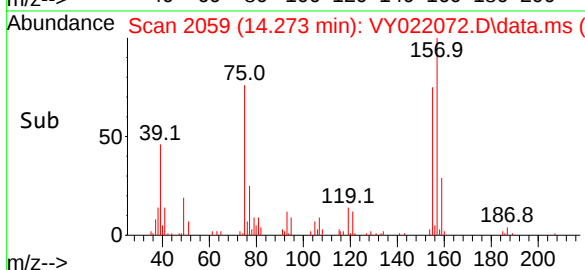
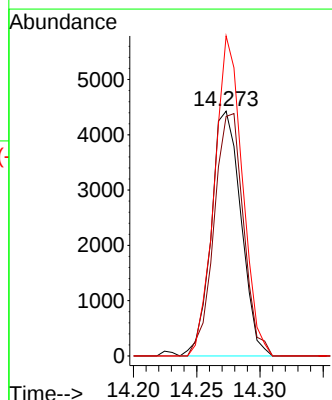
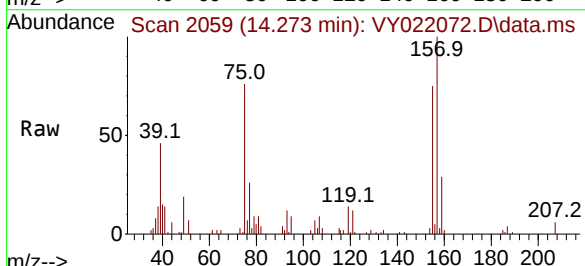
Tgt Ion: 75 Resp: 7240

Ion Ratio Lower Upper

75 100

155 97.9 50.7 152.3

157 122.8 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.176 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

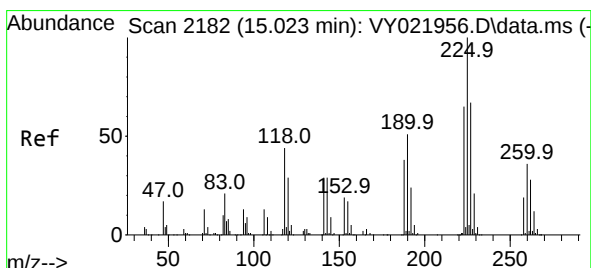
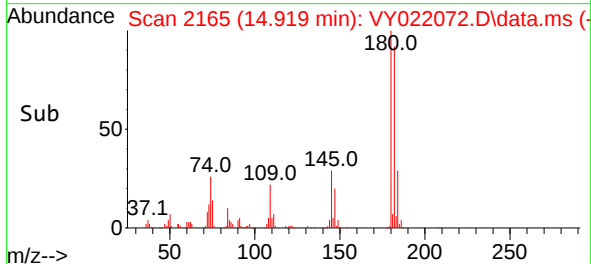
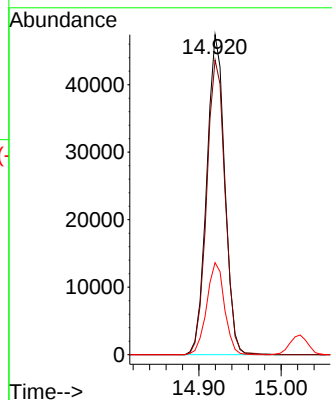
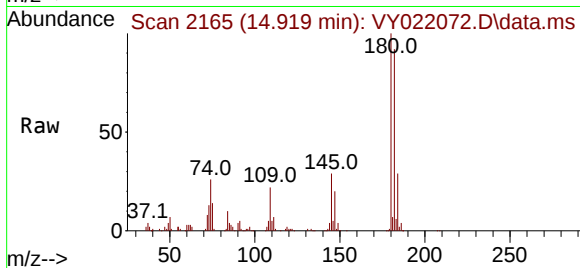
Tgt Ion:180 Resp: 72337

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.4

145 28.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.289 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

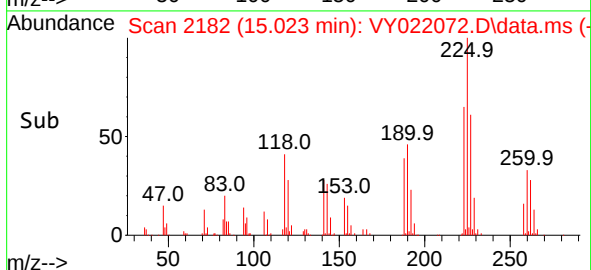
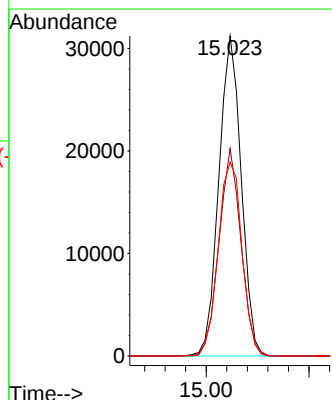
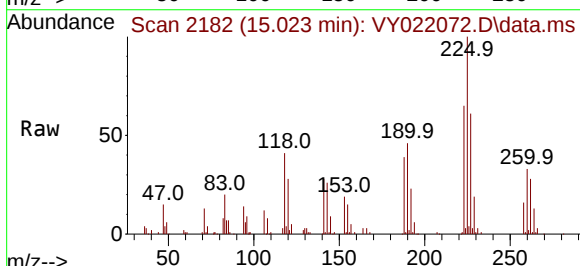
Tgt Ion:225 Resp: 47088

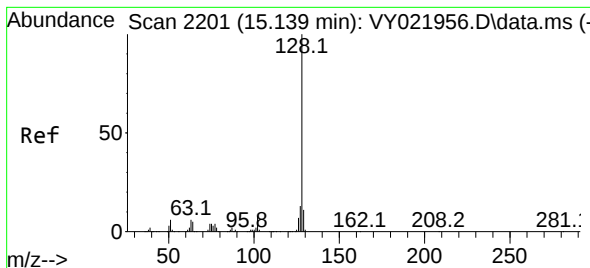
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 17.424 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0430SBS01

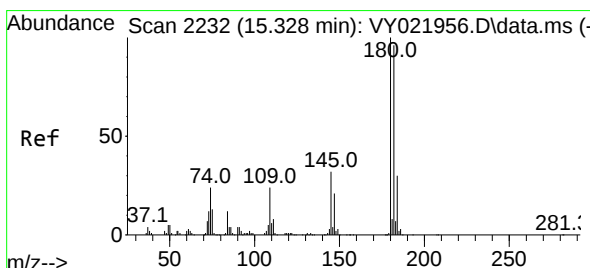
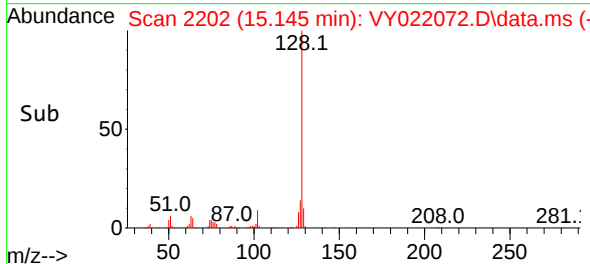
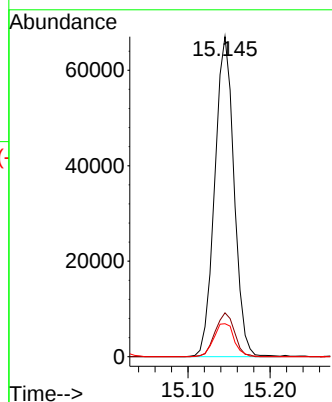
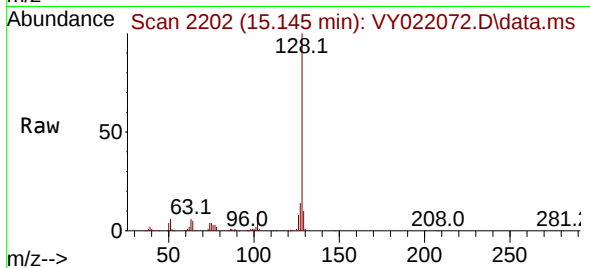
Tgt Ion:128 Resp: 109185

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.670 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022072.D

Acq: 30 Apr 2025 10:30

Tgt Ion:180 Resp: 64048

Ion Ratio Lower Upper

180 100

182 92.2 48.1 144.4

145 31.5 16.0 48.0

