

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022201.D
 Acq On : 08 May 2025 10:24
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 09 05:05:12 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	211503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	330284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	306202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	167107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108583	55.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.160%	
35) Dibromofluoromethane	7.634	113	115604	52.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.109	98	448281	54.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.980%	
62) 4-Bromofluorobenzene	12.408	95	151942	54.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31485	17.470	ug/l	98
3) Chloromethane	2.068	50	57934	22.576	ug/l	95
4) Vinyl Chloride	2.202	62	66214	20.997	ug/l	98
5) Bromomethane	2.592	94	62789	23.111	ug/l	96
6) Chloroethane	2.733	64	48864	22.752	ug/l	95
7) Trichlorofluoromethane	3.056	101	85955	20.671	ug/l	97
8) Diethyl Ether	3.452	74	21233	19.618	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.818	101	47682	21.138	ug/l	98
10) Methyl Iodide	4.001	142	46341	17.744	ug/l	98
11) Tert butyl alcohol	4.872	59	11455	106.805	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	42914	20.410	ug/l	96
13) Acrolein	3.653	56	8571	44.525	ug/l	100
14) Allyl chloride	4.385	41	50895	20.789	ug/l	97
15) Acrylonitrile	5.055	53	43434	109.620	ug/l	97
16) Acetone	3.879	43	29357	102.174	ug/l	96
17) Carbon Disulfide	4.104	76	132266	19.729	ug/l	98
18) Methyl Acetate	4.385	43	20974	22.983	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	93410	19.849	ug/l	98
20) Methylene Chloride	4.616	84	50321	20.370	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	46913	19.923	ug/l	85
22) Diisopropyl ether	6.019	45	119278	21.893	ug/l	97
23) Vinyl Acetate	5.958	43	305348	103.993	ug/l	100
24) 1,1-Dichloroethane	5.915	63	82184	21.762	ug/l	98
25) 2-Butanone	6.903	43	45337	101.808	ug/l	91
26) 2,2-Dichloropropane	6.890	77	70555	21.316	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	52483	19.933	ug/l	95
28) Bromochloromethane	7.244	49	33430	22.790	ug/l	93
29) Tetrahydrofuran	7.262	42	31137	107.656	ug/l	97
30) Chloroform	7.421	83	89514	21.369	ug/l	98
31) Cyclohexane	7.701	56	66911	20.719	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	79662	21.020	ug/l	97
36) 1,1-Dichloropropene	7.835	75	60461	20.628	ug/l	99
37) Ethyl Acetate	6.988	43	23946	22.747	ug/l #	76
38) Carbon Tetrachloride	7.817	117	72524	20.707	ug/l	99
39) Methylcyclohexane	9.110	83	71540	19.395	ug/l	97
40) Benzene	8.079	78	192769	21.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11981	20.820	ug/l	# 93
42) 1,2-Dichloroethane	8.158	62	50054	22.065	ug/l	98
43) Isopropyl Acetate	8.195	43	43386	21.461	ug/l	98
44) Trichloroethene	8.866	130	51560	20.317	ug/l	98
45) 1,2-Dichloropropane	9.140	63	43396	21.417	ug/l	98
46) Dibromomethane	9.231	93	26724	21.069	ug/l	97
47) Bromodichloromethane	9.427	83	67266	21.229	ug/l	98
48) Methyl methacrylate	9.225	41	19531	20.899	ug/l	98
49) 1,4-Dioxane	9.244	88	5334	394.557	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	116602	110.028	ug/l	95
52) Toluene	10.170	92	126455	21.321	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56096	20.640	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	67469	20.883	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	36531	21.561	ug/l	99
56) Ethyl methacrylate	10.439	69	37309	19.256	ug/l	96
57) 1,3-Dichloropropane	10.719	76	57849	21.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	96547	101.917	ug/l	98
59) 2-Hexanone	10.762	43	75626	108.193	ug/l	95
60) Dibromochloromethane	10.914	129	49132	20.946	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33140	20.719	ug/l	97
64) Tetrachloroethene	10.646	164	58723	20.329	ug/l	94
65) Chlorobenzene	11.444	112	138820	20.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	49771	20.646	ug/l	99
67) Ethyl Benzene	11.518	91	221120	19.740	ug/l	98
68) m/p-Xylenes	11.627	106	181355	40.688	ug/l	99
69) o-Xylene	11.957	106	80536	19.604	ug/l	98
70) Styrene	11.969	104	138739	20.114	ug/l	99
71) Bromoform	12.133	173	28771	20.528	ug/l	# 98
73) Isopropylbenzene	12.255	105	213380	19.112	ug/l	100
74) N-amyl acetate	12.072	43	37585	19.594	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39556	21.015	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51394	35.906	ug/l	# 100
77) Bromobenzene	12.530	156	54698	19.389	ug/l	95
78) n-propylbenzene	12.597	91	263400	19.811	ug/l	100
79) 2-Chlorotoluene	12.682	91	153705	19.878	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	181705	19.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12289	20.675	ug/l	99
82) 4-Chlorotoluene	12.780	91	166511	20.716	ug/l	97
83) tert-Butylbenzene	12.999	119	153820	18.645	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	181526	19.729	ug/l	100
85) sec-Butylbenzene	13.176	105	237613	19.682	ug/l	100
86) p-Isopropyltoluene	13.292	119	201171	19.624	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	113327	19.779	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	114367	20.154	ug/l	99
89) n-Butylbenzene	13.621	91	177317	19.352	ug/l	98
90) Hexachloroethane	13.877	117	46413	20.607	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	97208	19.451	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6070	20.269	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	51306	18.117	ug/l	98
94) Hexachlorobutadiene	15.023	225	33778	19.386	ug/l	97
95) Naphthalene	15.145	128	79176	16.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45360	18.556	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

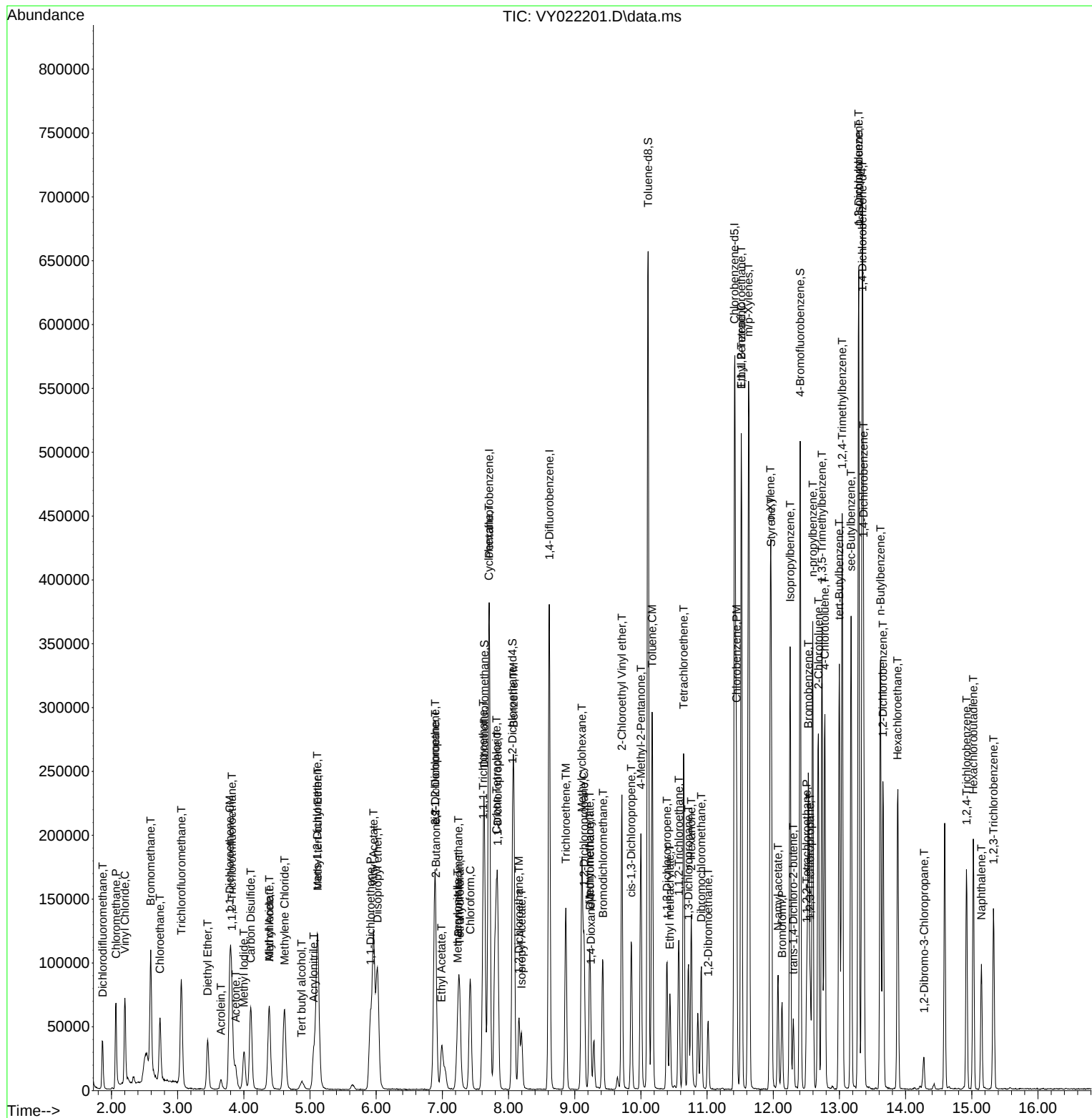
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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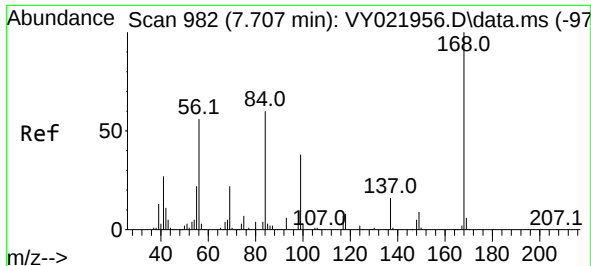
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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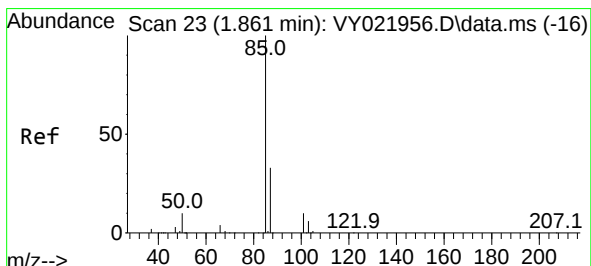
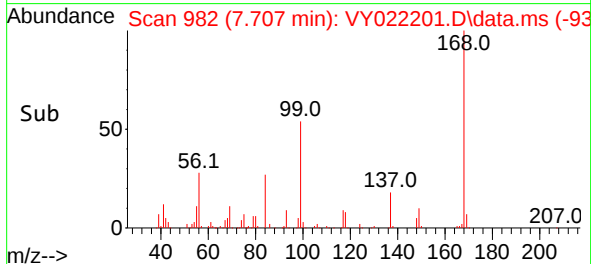
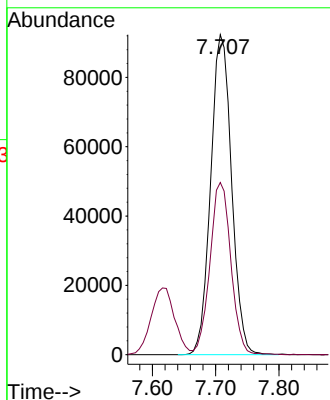
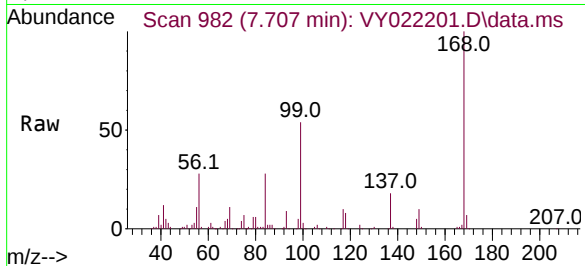




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022201.D
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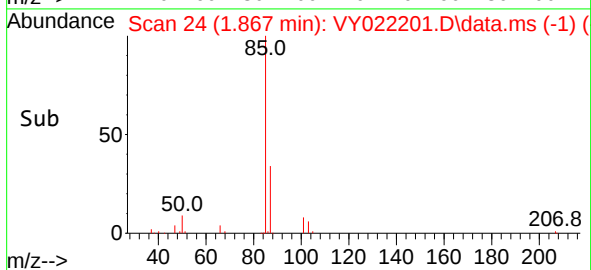
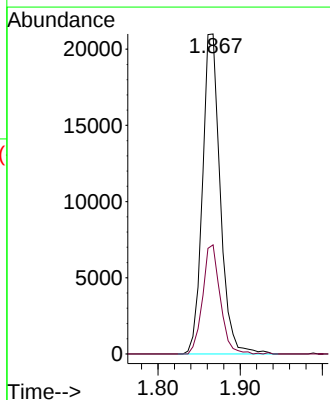
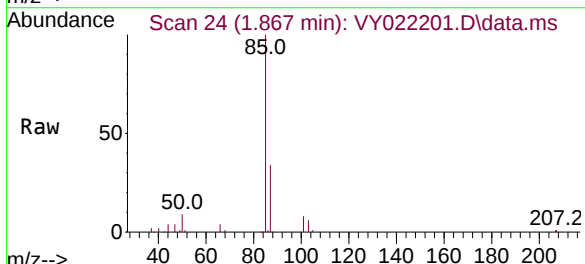
Instrument :
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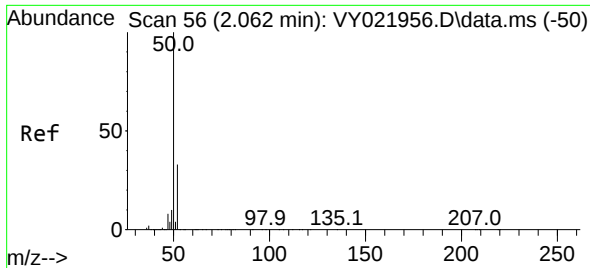
Tgt Ion:168 Resp: 211503
Ion Ratio Lower Upper
168 100
99 53.7 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 17.470 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 85 Resp: 31485
Ion Ratio Lower Upper
85 100
87 34.1 16.6 49.7

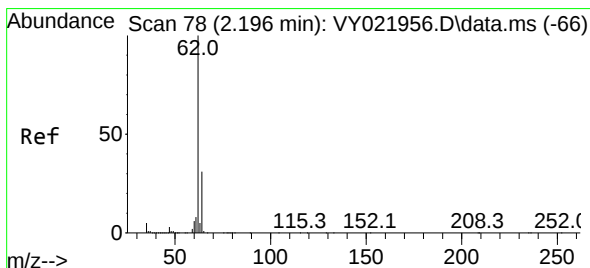
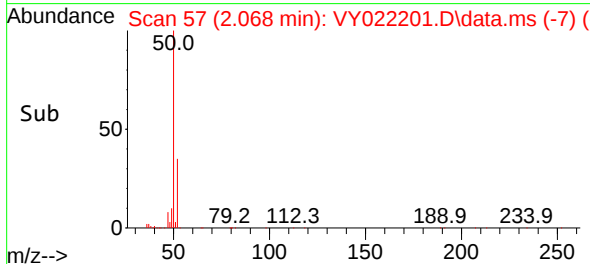
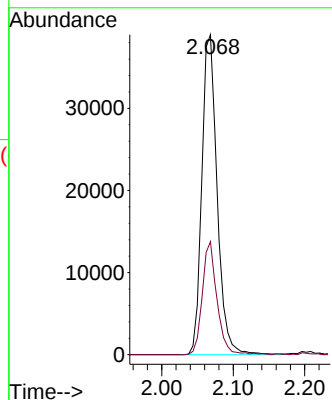
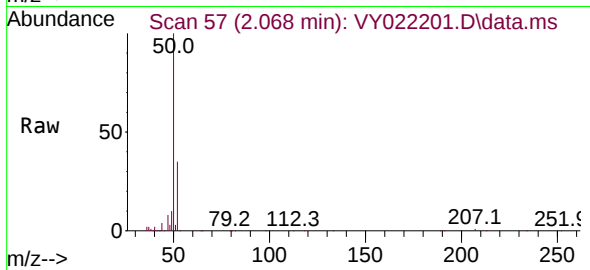




#3
Chloromethane
Concen: 22.576 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

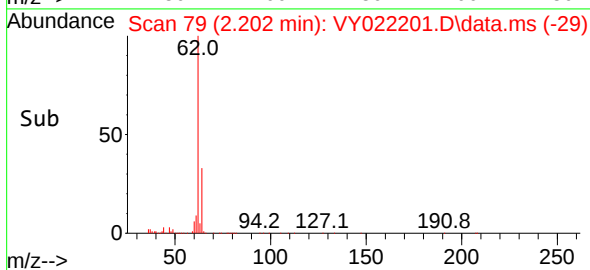
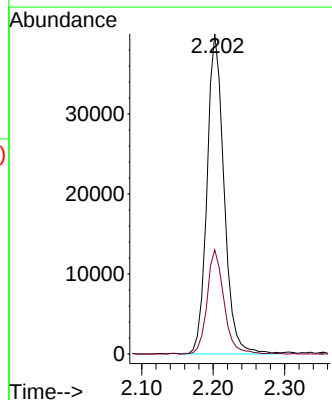
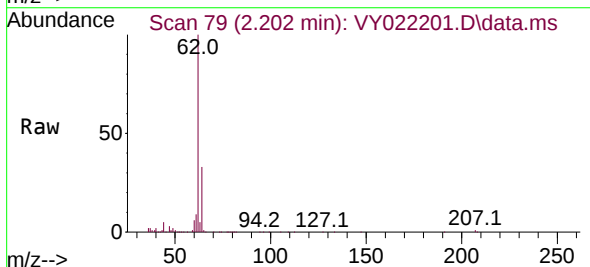
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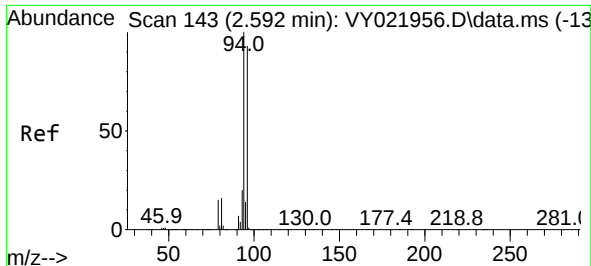
Tgt Ion: 50 Resp: 57934
Ion Ratio Lower Upper
50 100
52 35.3 26.1 39.1



#4
Vinyl Chloride
Concen: 20.997 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 62 Resp: 66214
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

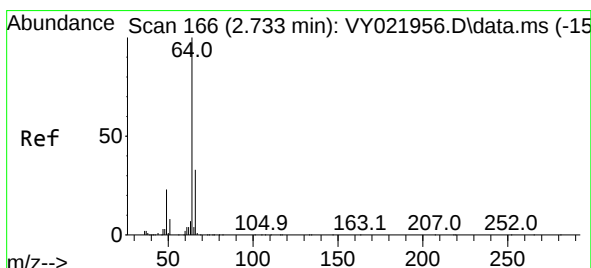
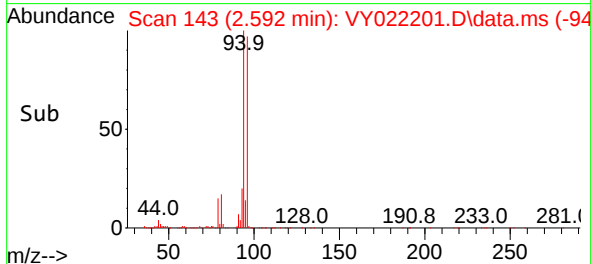
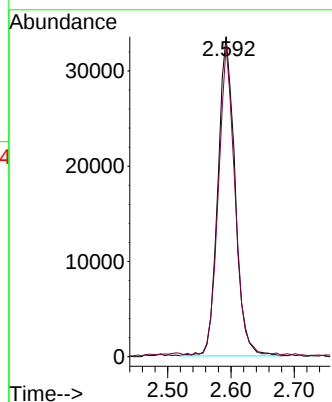
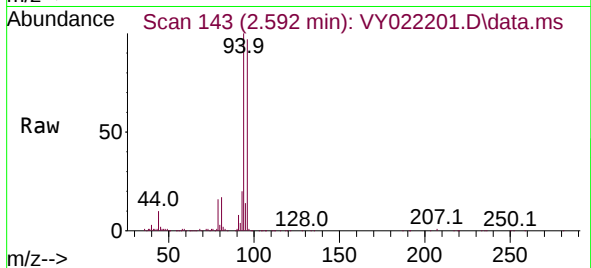




#5
Bromomethane
Concen: 23.111 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022201.D
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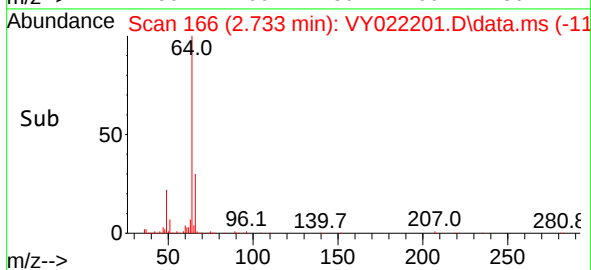
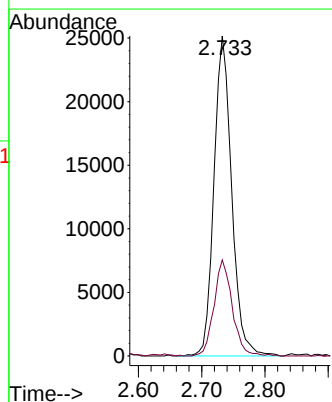
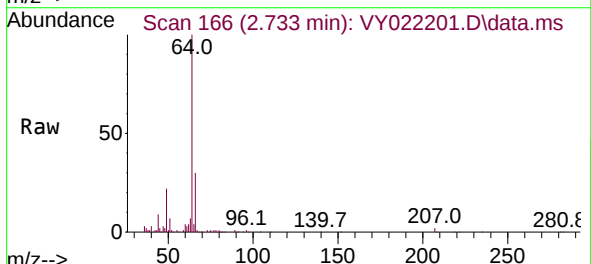
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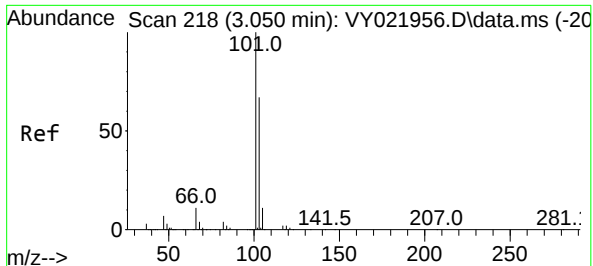
Tgt Ion: 94 Resp: 62789
Ion Ratio Lower Upper
94 100
96 96.9 74.6 111.8



#6
Chloroethane
Concen: 22.752 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022201.D
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Tgt Ion: 64 Resp: 48864
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4

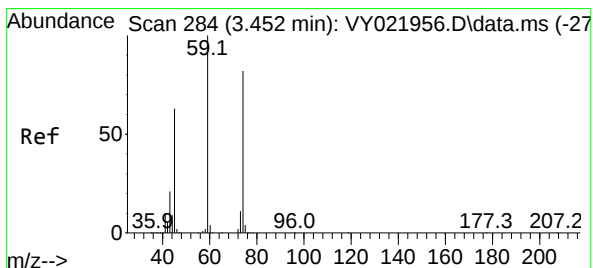
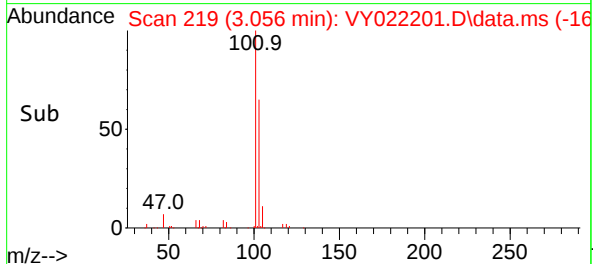
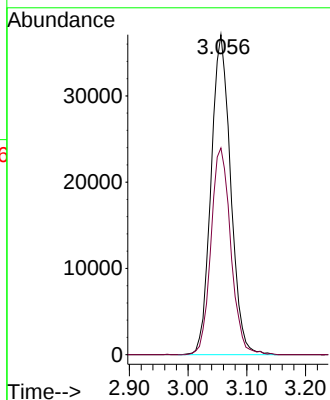
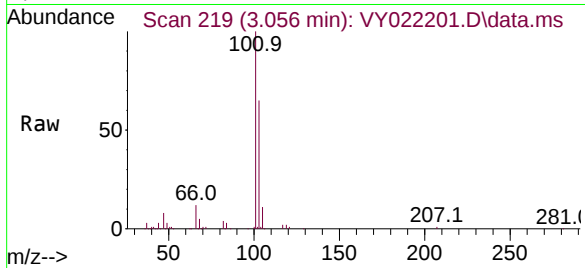




#7
Trichlorofluoromethane
Concen: 20.671 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

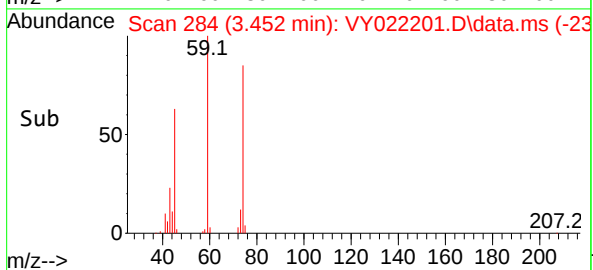
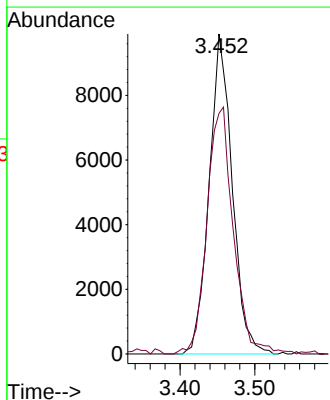
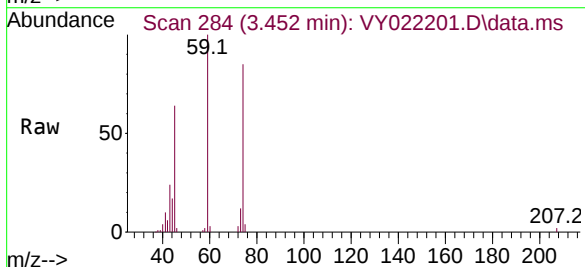
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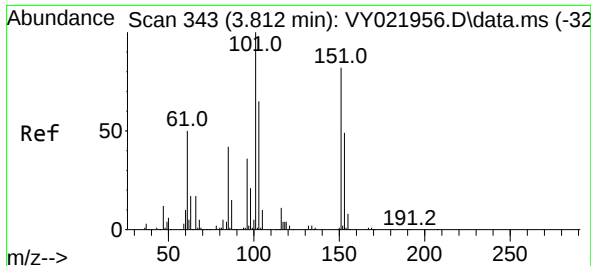
Tgt Ion:101 Resp: 85955
Ion Ratio Lower Upper
101 100
103 64.6 53.6 80.4



#8
Diethyl Ether
Concen: 19.618 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
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Acq: 08 May 2025 10:24

Tgt Ion: 74 Resp: 21233
Ion Ratio Lower Upper
74 100
45 88.5 39.1 117.5

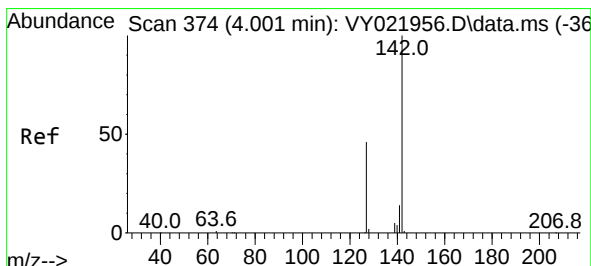
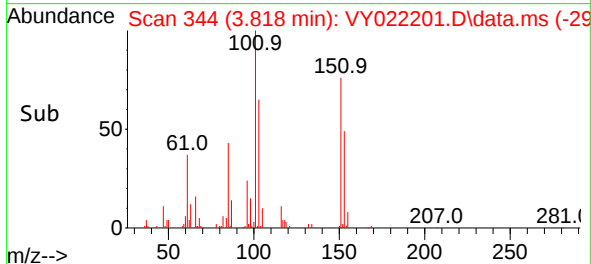
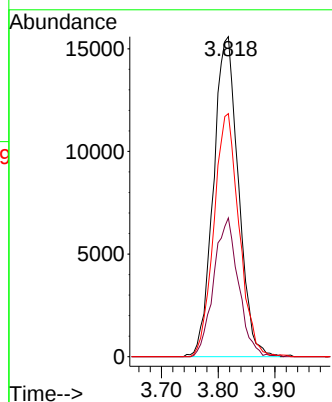
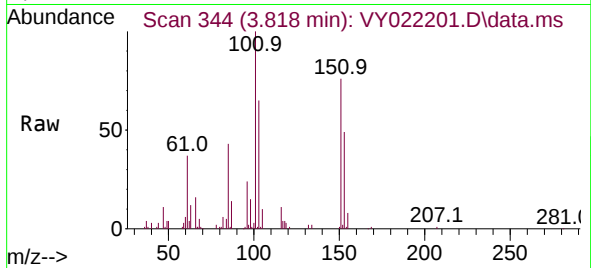




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.138 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

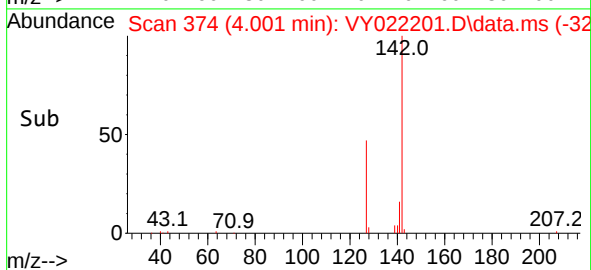
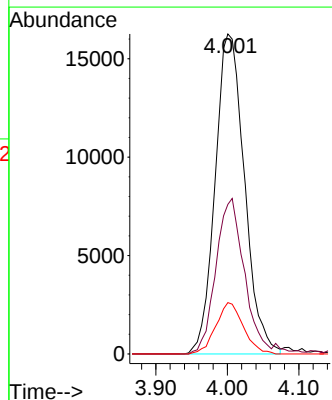
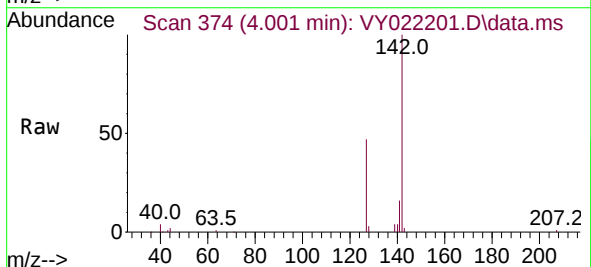
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

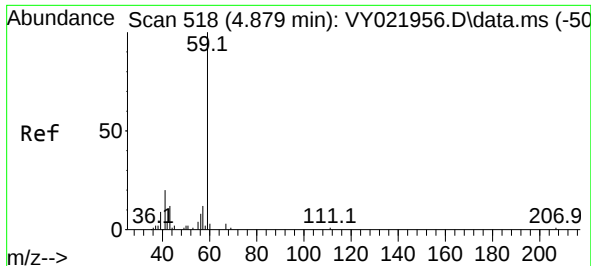
Tgt Ion:101 Resp: 47682
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 76.8 63.7 95.5



#10
Methyl Iodide
Concen: 17.744 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion:142 Resp: 46341
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.2
141 15.1 11.7 17.5

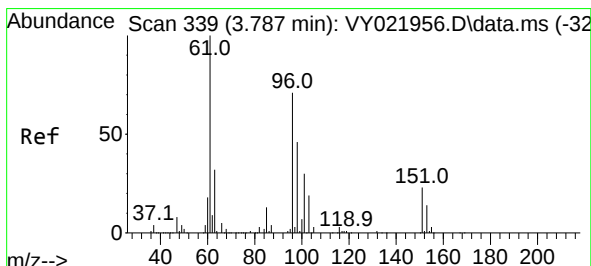
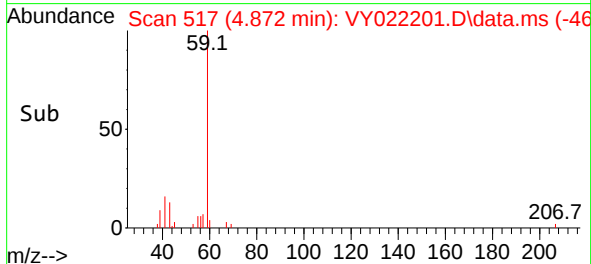
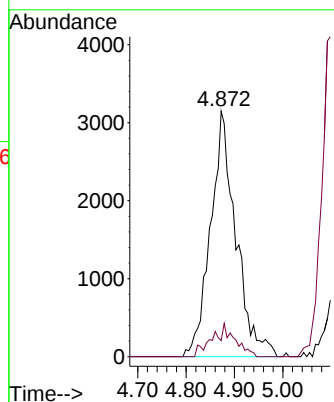
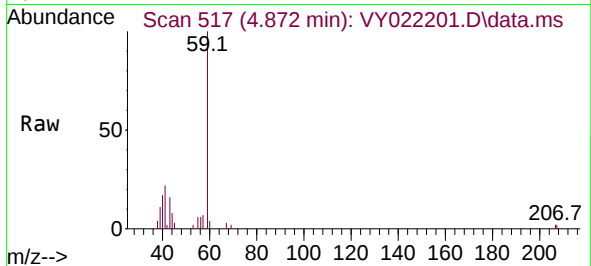




#11
Tert butyl alcohol
Concen: 106.805 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

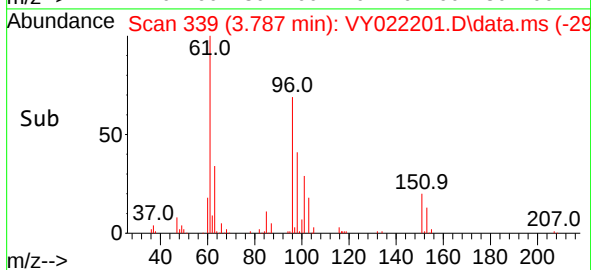
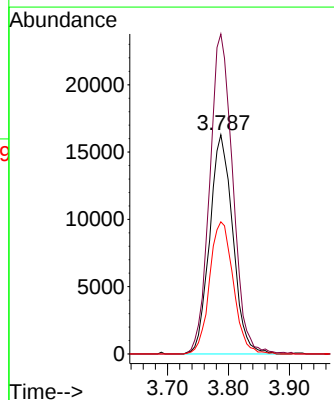
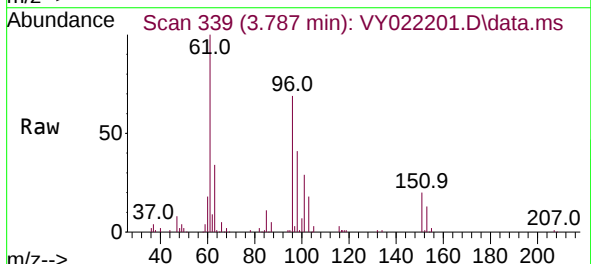
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

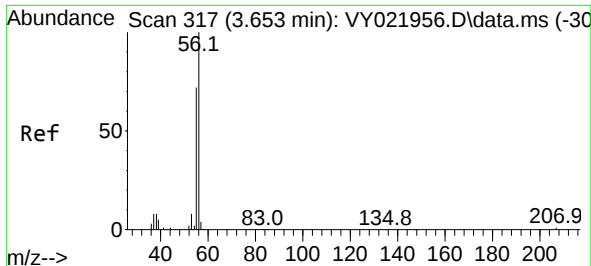
Tgt Ion: 59 Resp: 11455
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.410 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 96 Resp: 42914
Ion Ratio Lower Upper
96 100
61 146.0 113.0 169.4
98 60.3 51.4 77.2

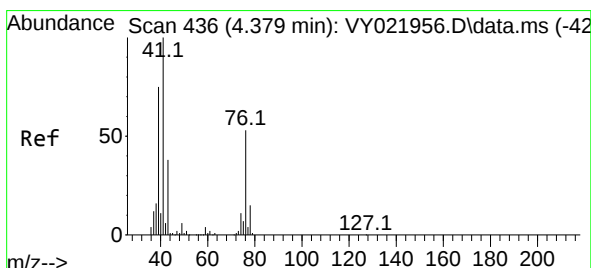
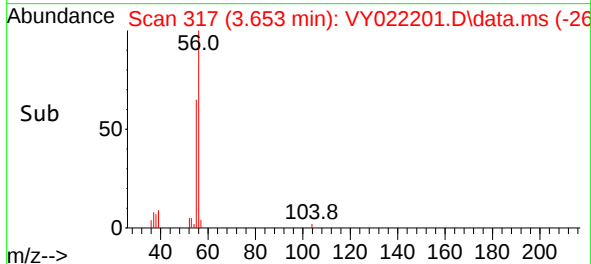
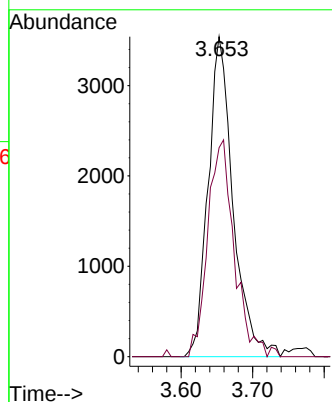
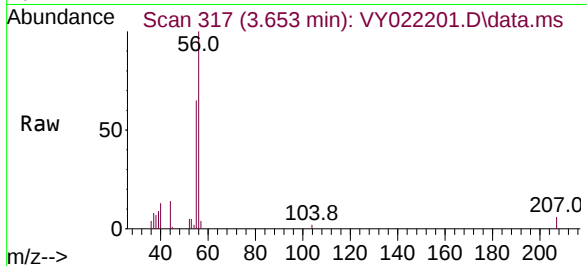




#13
Acrolein
Concen: 44.525 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

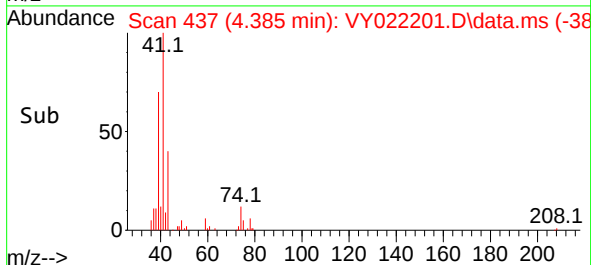
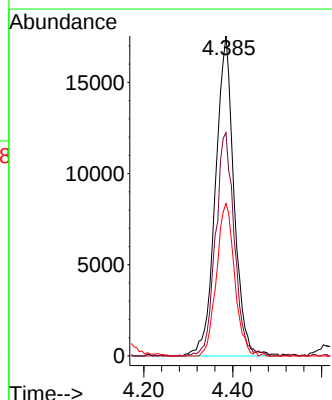
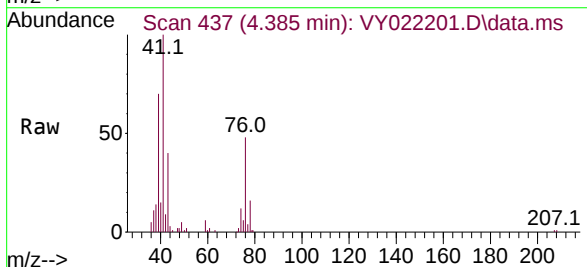
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 56 Resp: 8571
Ion Ratio Lower Upper
56 100
55 71.5 57.4 86.0



#14
Allyl chloride
Concen: 20.789 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 41 Resp: 50895
Ion Ratio Lower Upper
41 100
39 69.6 57.2 85.8
76 46.4 39.7 59.5

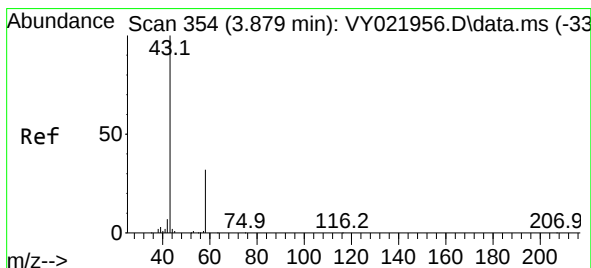
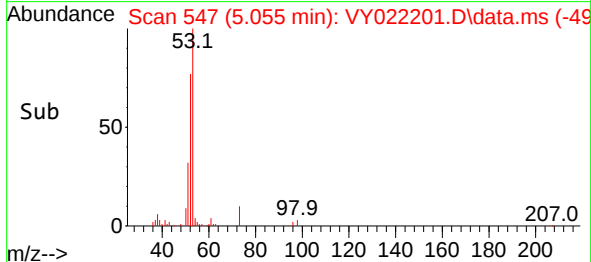
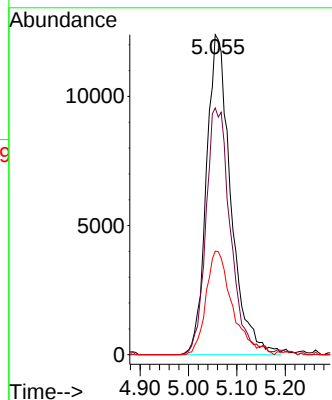
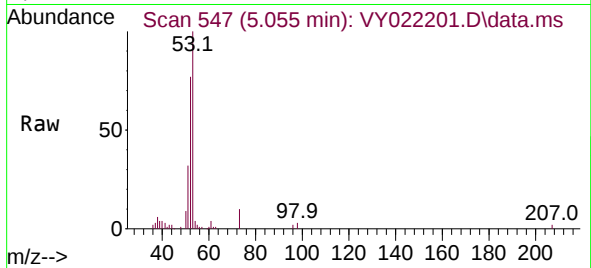




#15
Acrylonitrile
Concen: 109.620 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

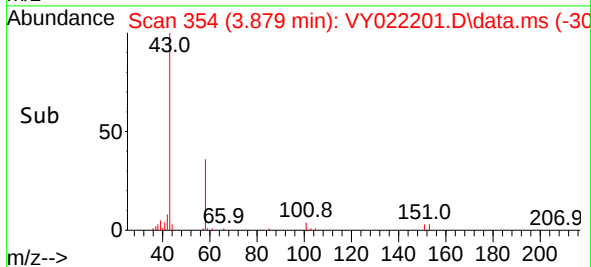
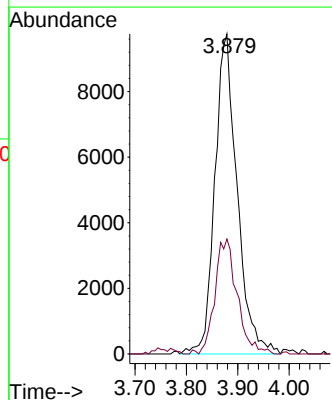
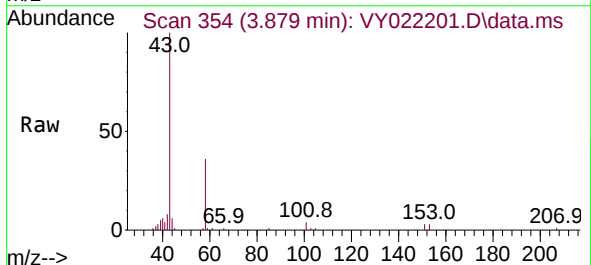
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

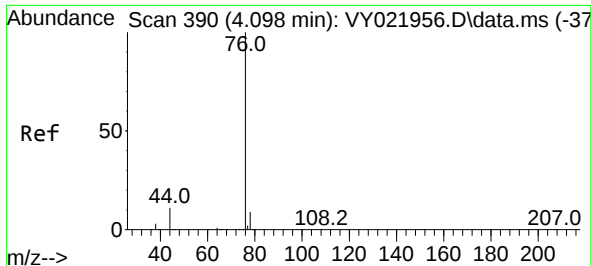
Tgt Ion: 53 Resp: 43434
Ion Ratio Lower Upper
53 100
52 77.6 65.0 97.6
51 35.0 28.9 43.3



#16
Acetone
Concen: 102.174 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 43 Resp: 29357
Ion Ratio Lower Upper
43 100
58 35.9 27.0 40.4

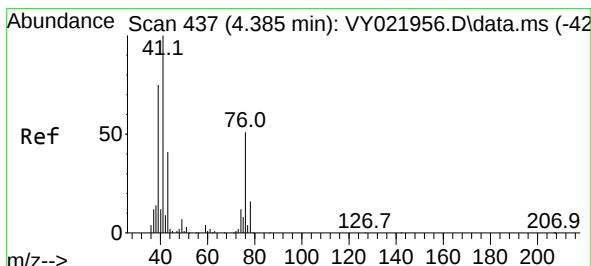
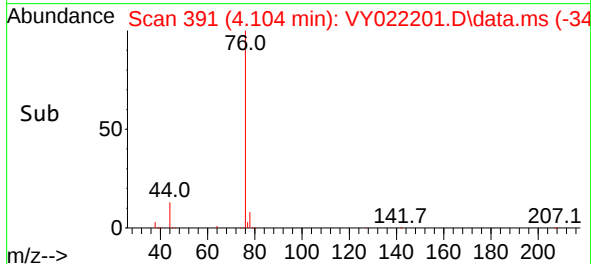
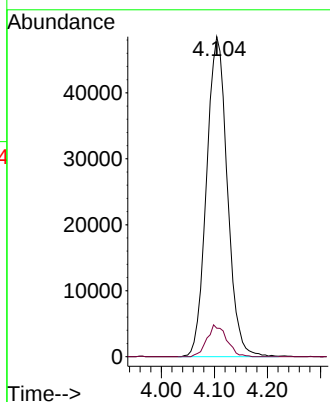
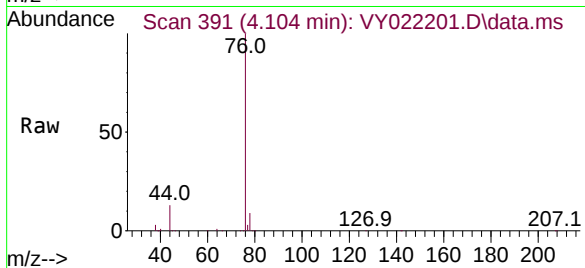




#17
Carbon Disulfide
Concen: 19.729 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

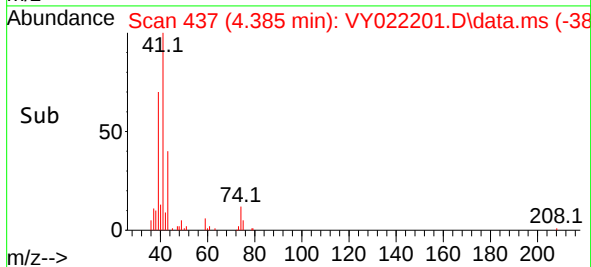
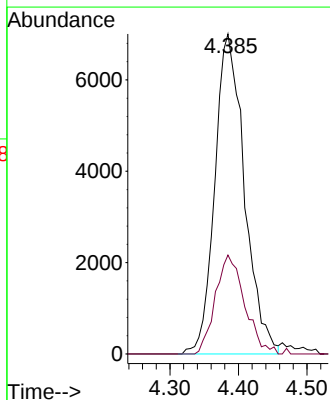
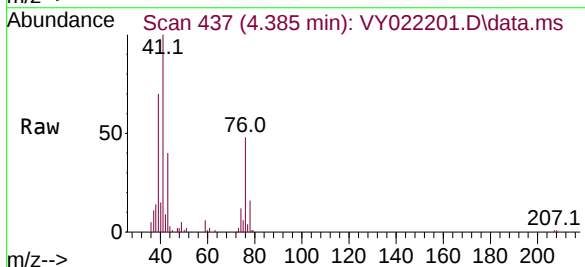
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 76 Resp: 132266
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 22.983 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 43 Resp: 20974
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.849 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

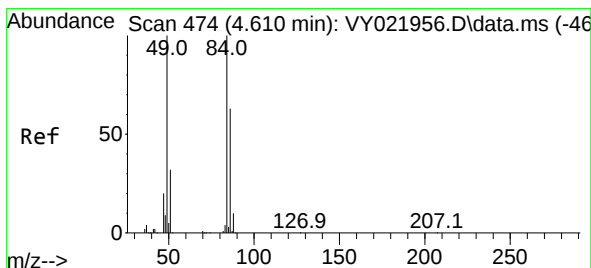
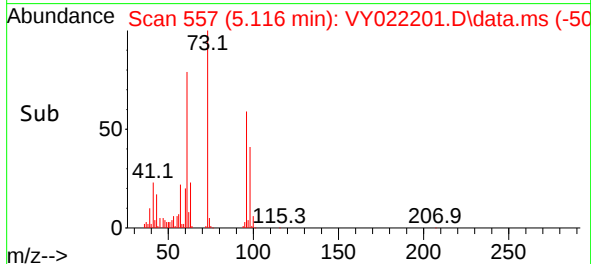
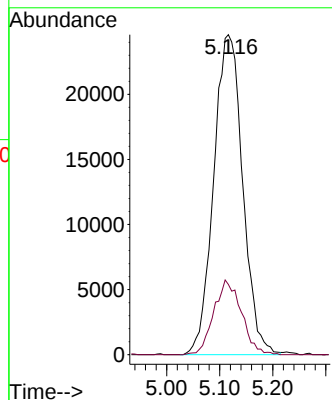
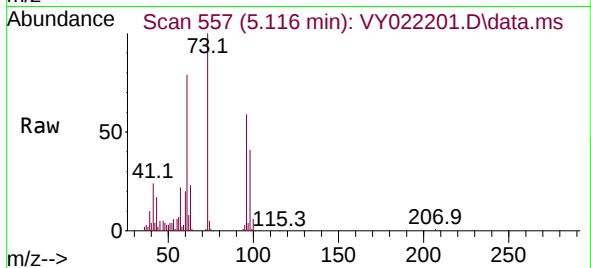
VY0508SBS01

Tgt Ion: 73 Resp: 93410

Ion Ratio Lower Upper

73 100

57 21.9 16.9 25.3



#20

Methylene Chloride

Concen: 20.370 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Tgt Ion: 84 Resp: 50321

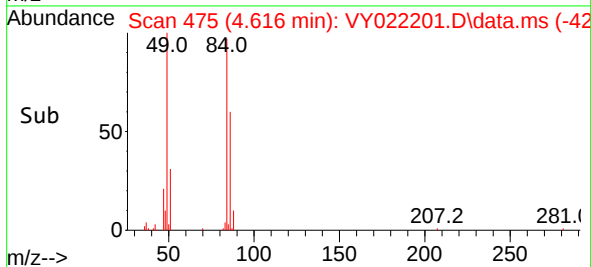
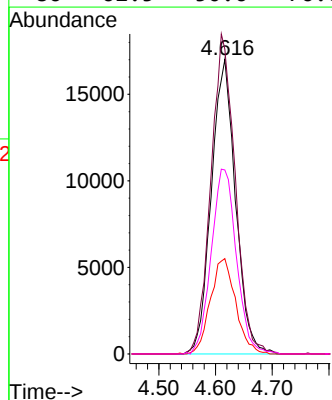
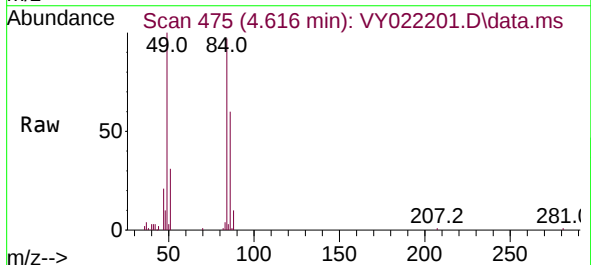
Ion Ratio Lower Upper

84 100

49 103.5 79.9 119.9

51 32.4 25.4 38.0

86 62.5 50.6 76.0

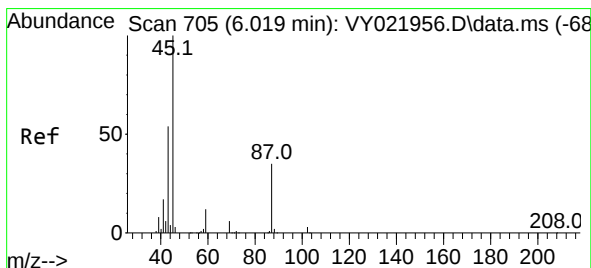
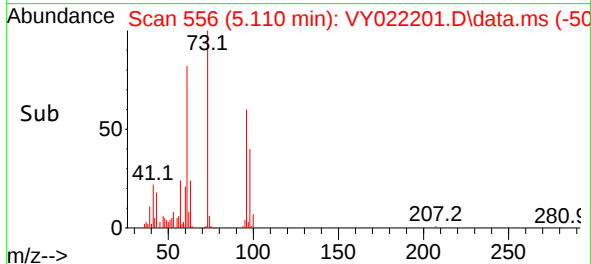
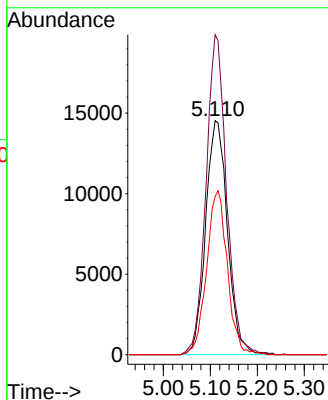
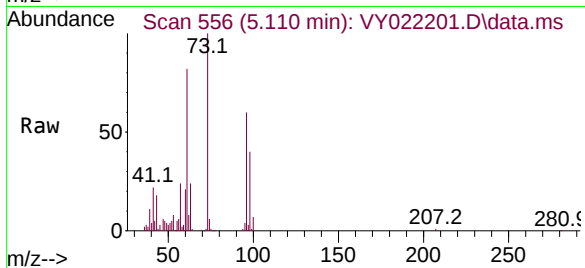




#21
trans-1,2-Dichloroethene
Concen: 19.923 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

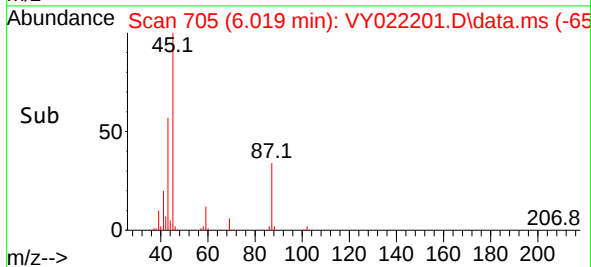
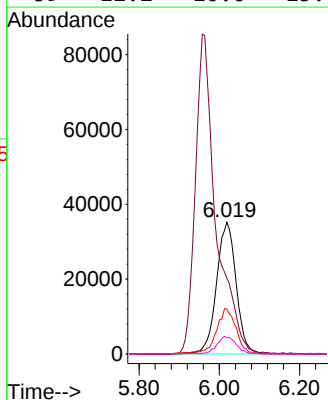
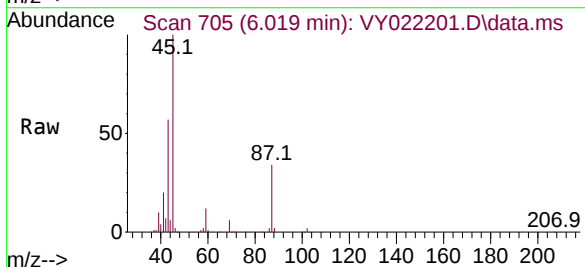
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

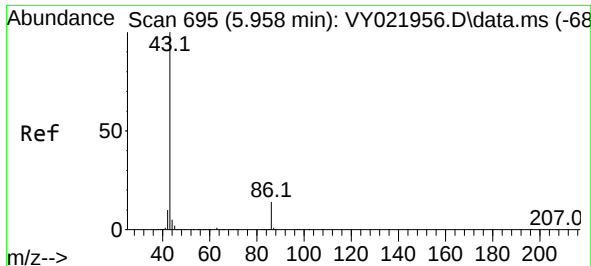
Tgt Ion: 96 Resp: 46913
Ion Ratio Lower Upper
96 100
61 136.7 92.6 138.8
98 67.6 50.2 75.4



#22
Diisopropyl ether
Concen: 21.893 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 45 Resp: 119278
Ion Ratio Lower Upper
45 100
43 57.1 43.6 65.4
87 34.0 28.2 42.4
59 12.2 10.0 15.0

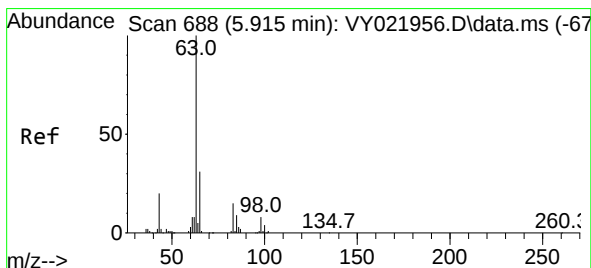
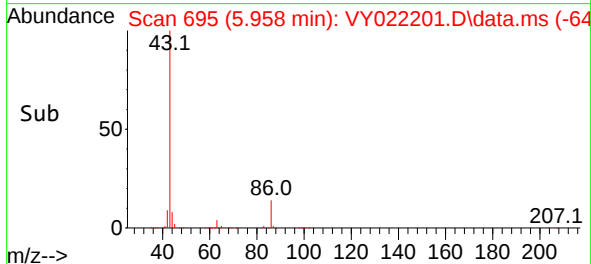
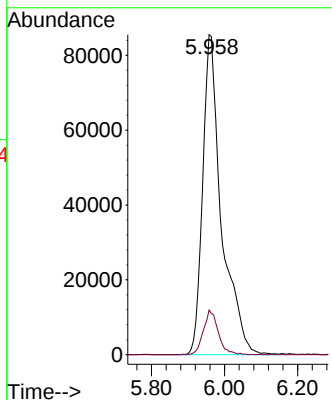
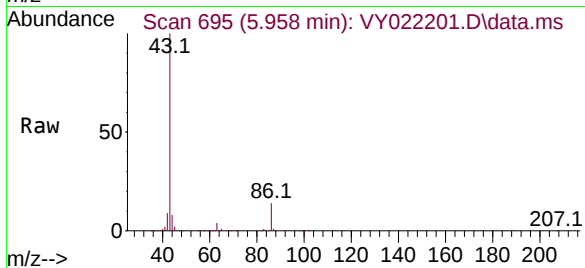




#23
 Vinyl Acetate
 Concen: 103.993 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

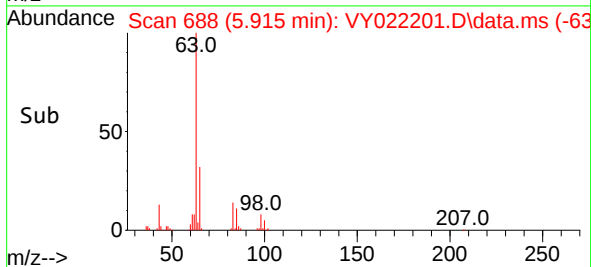
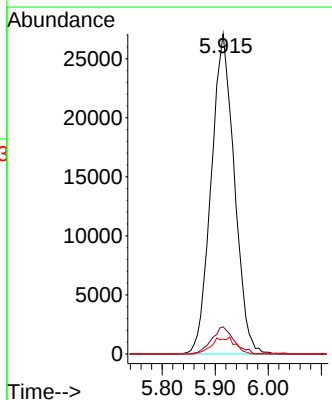
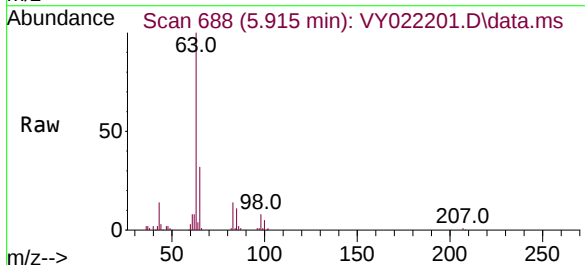
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

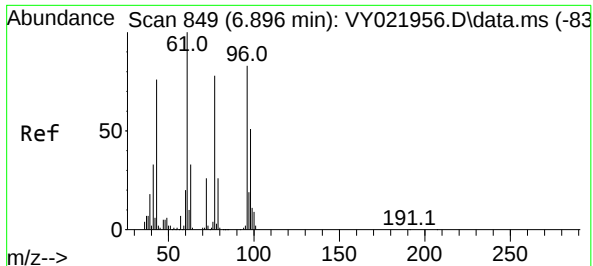
Tgt Ion: 43 Resp: 305348
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 21.762 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

Tgt Ion: 63 Resp: 82184
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 4.6 2.0 6.0





#25

2-Butanone

Concen: 101.808 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

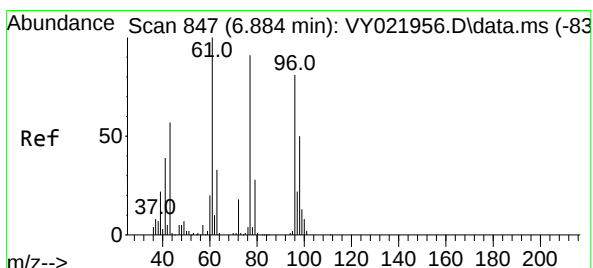
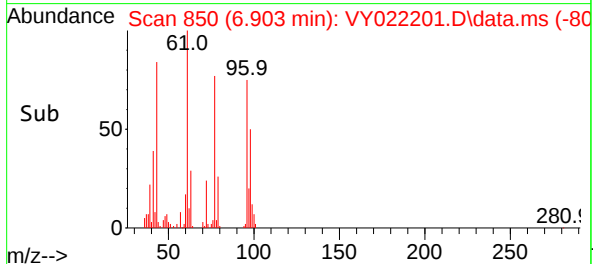
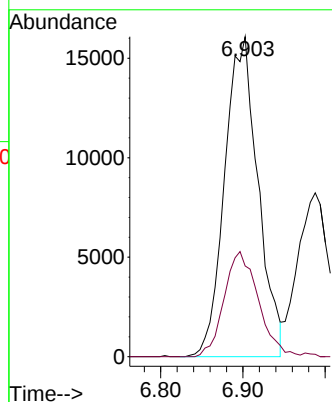
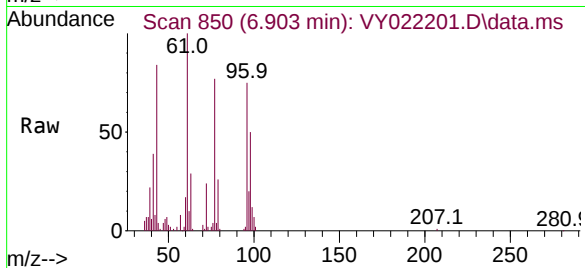
VY0508SBS01

Tgt Ion: 43 Resp: 45337

Ion Ratio Lower Upper

43 100

72 28.3 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.316 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022201.D

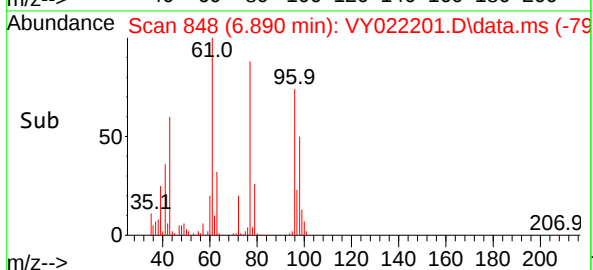
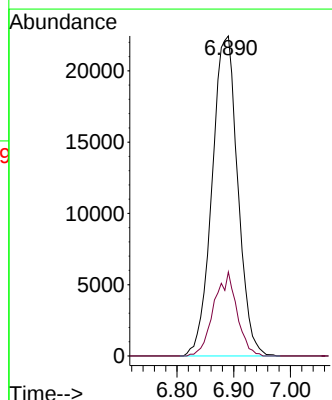
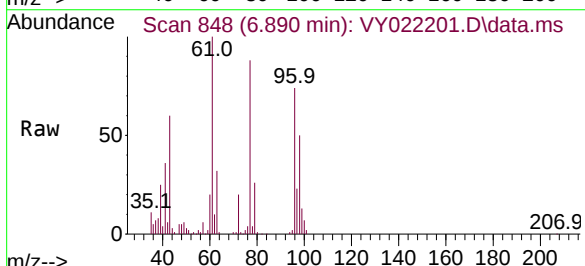
Acq: 08 May 2025 10:24

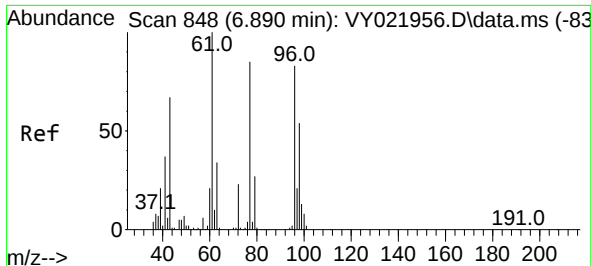
Tgt Ion: 77 Resp: 70555

Ion Ratio Lower Upper

77 100

97 23.6 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.933 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

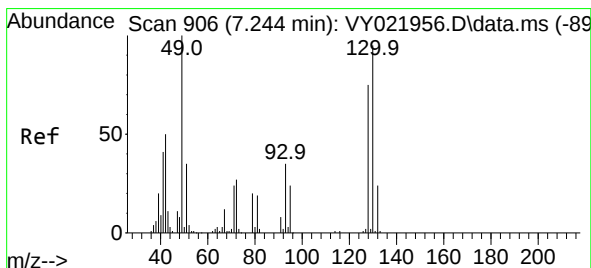
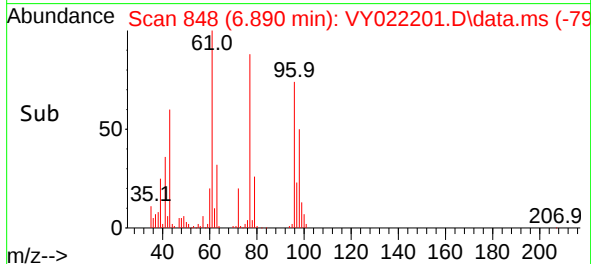
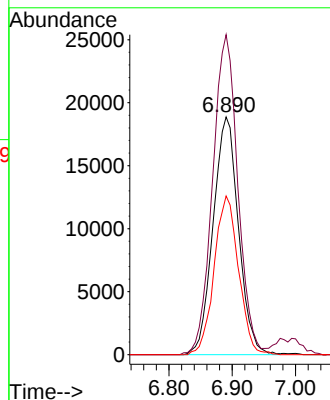
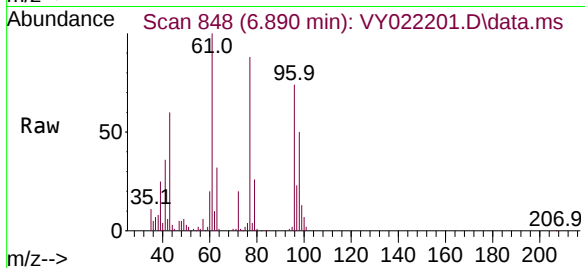
Tgt Ion: 96 Resp: 52483

Ion Ratio Lower Upper

96 100

61 133.7 0.0 251.4

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 22.790 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

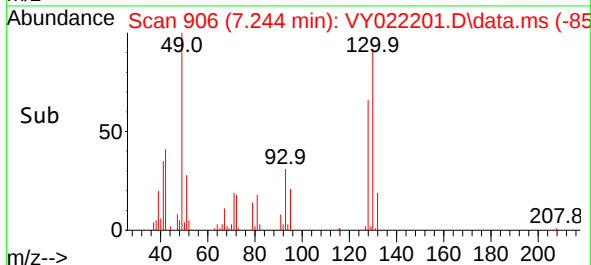
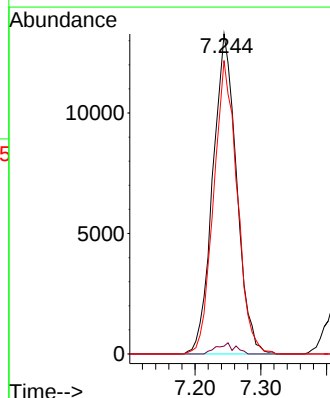
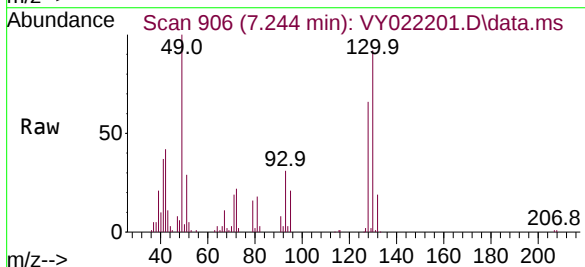
Tgt Ion: 49 Resp: 33430

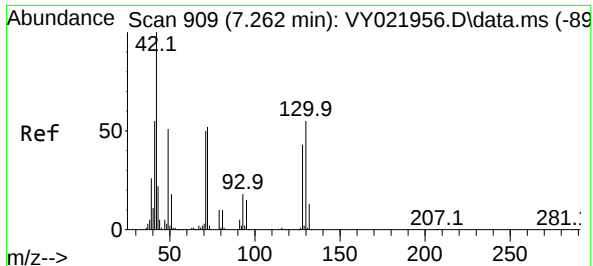
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 90.3 78.2 117.4

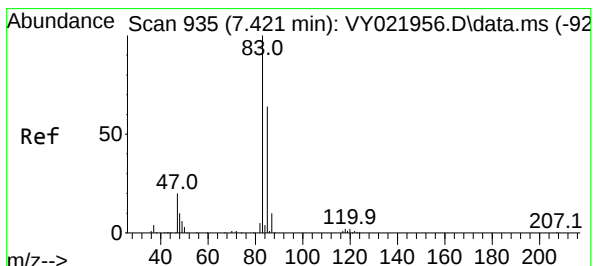
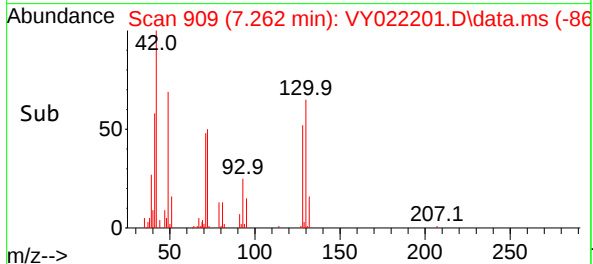
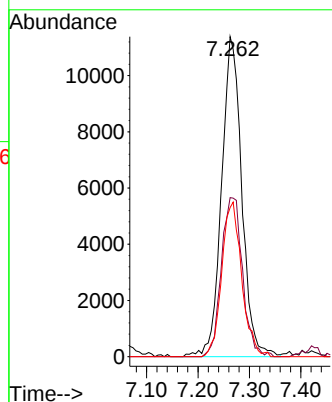
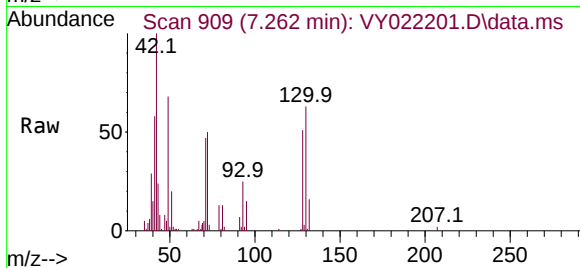




#29
Tetrahydrofuran
Concen: 107.656 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

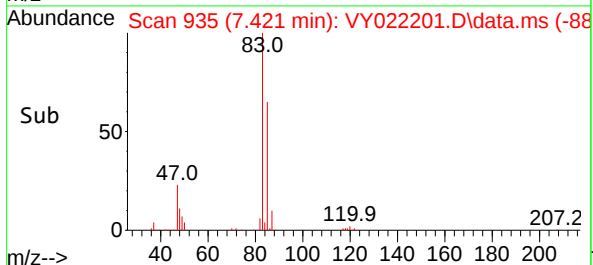
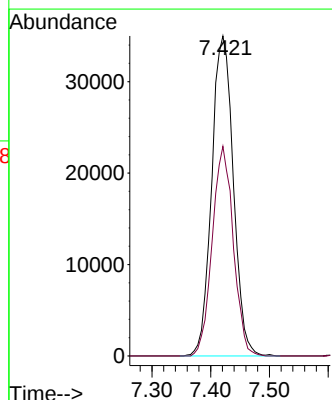
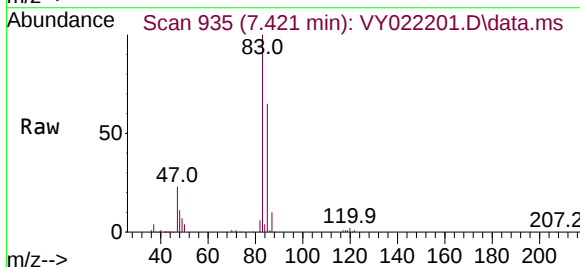
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

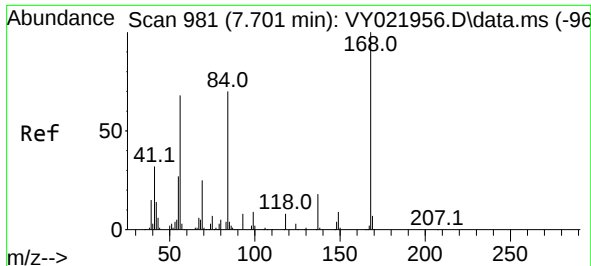
Tgt Ion: 42 Resp: 31137
Ion Ratio Lower Upper
42 100
72 52.0 42.6 63.8
71 47.6 40.6 61.0



#30
Chloroform
Concen: 21.369 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 83 Resp: 89514
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9

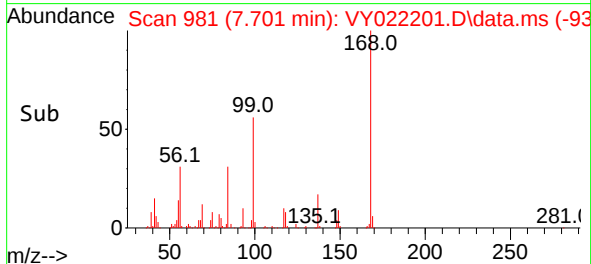
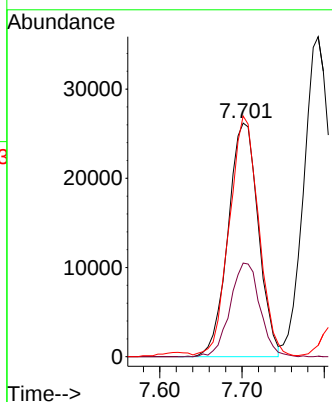
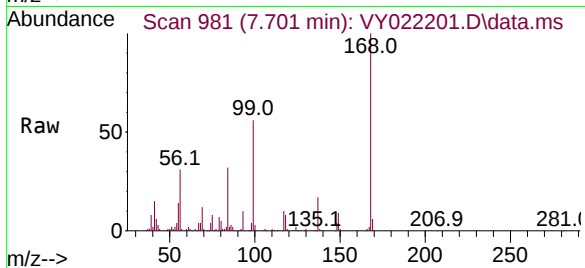




#31
Cyclohexane
Concen: 20.719 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

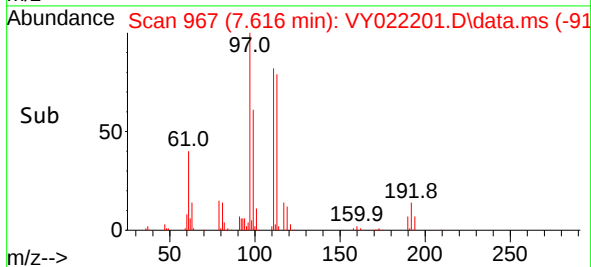
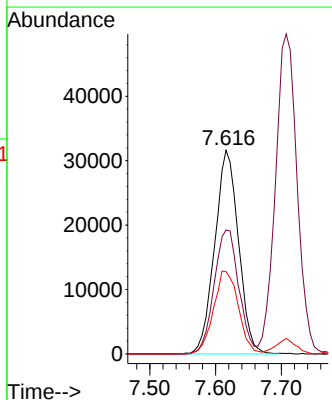
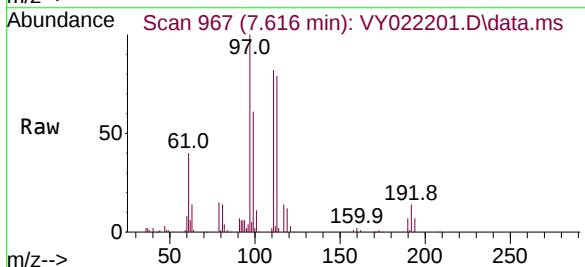
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 56 Resp: 66911
Ion Ratio Lower Upper
56 100
69 40.1 29.4 44.2
84 101.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.020 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 97 Resp: 79662
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.2
61 42.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 55.581 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

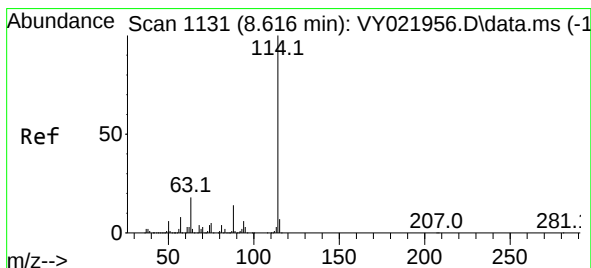
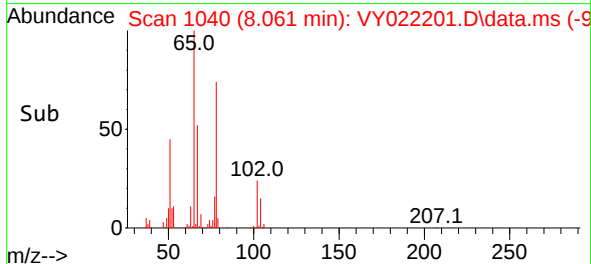
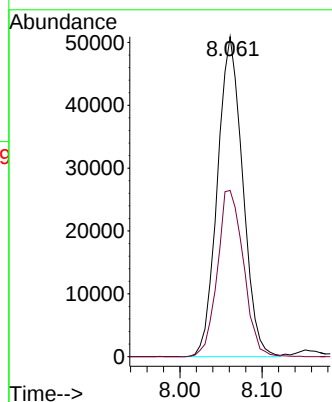
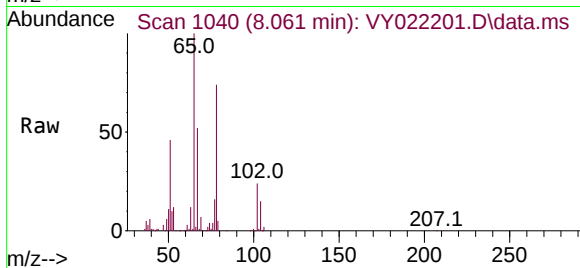
VY0508SBS01

Tgt Ion: 65 Resp: 108583

Ion Ratio Lower Upper

65 100

67 53.7 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: VY022201.D

Acq: 08 May 2025 10:24

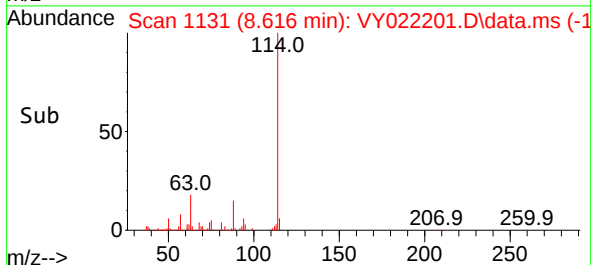
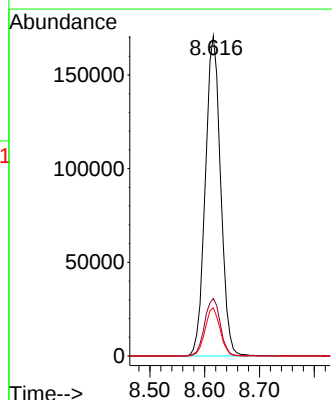
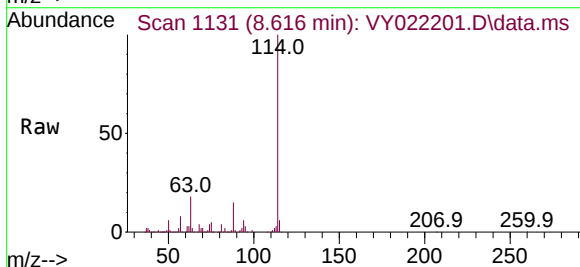
Tgt Ion: 114 Resp: 330284

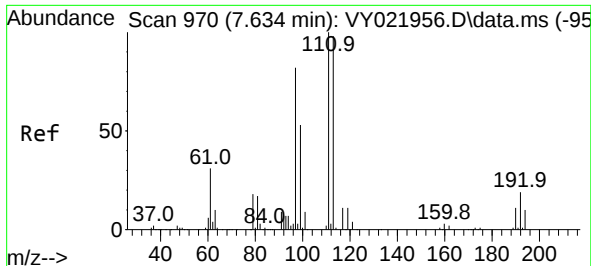
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

88 15.1 0.0 28.2

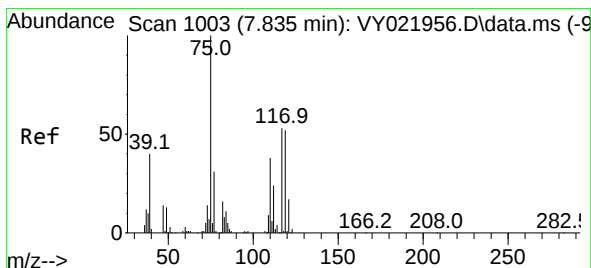
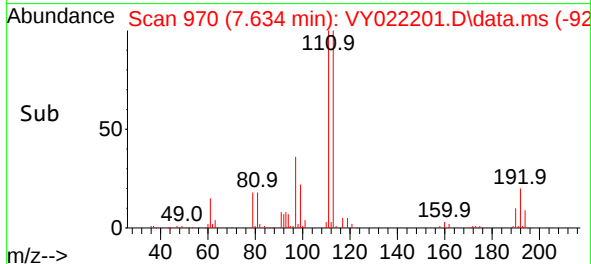
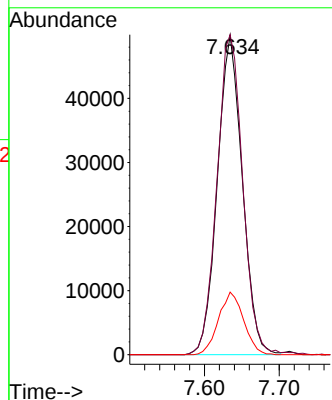
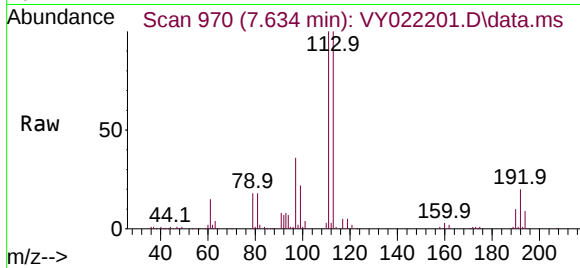




#35
Dibromofluoromethane
Concen: 52.980 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

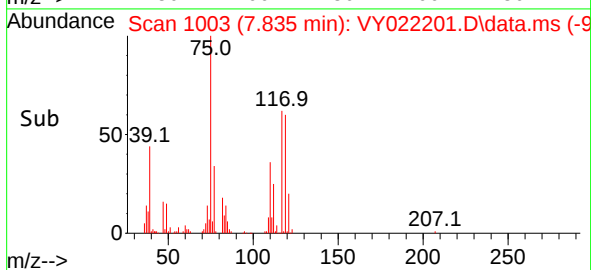
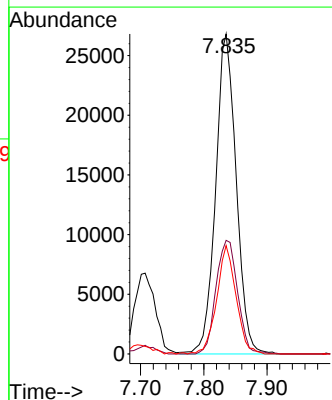
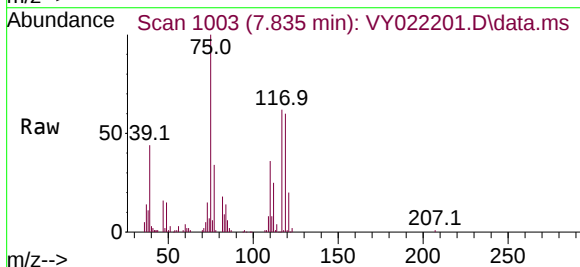
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

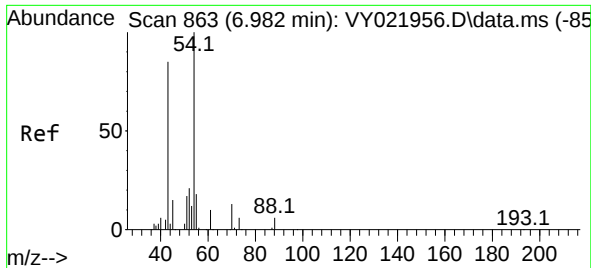
Tgt Ion:113 Resp: 115604
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.628 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 75 Resp: 60461
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.3
77 31.8 25.5 38.3

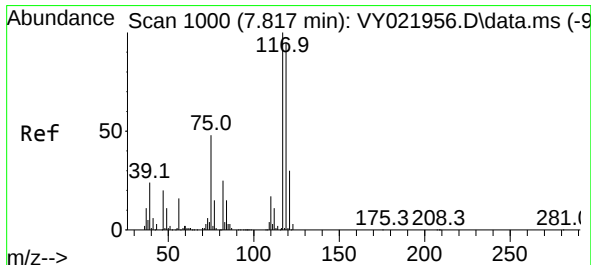
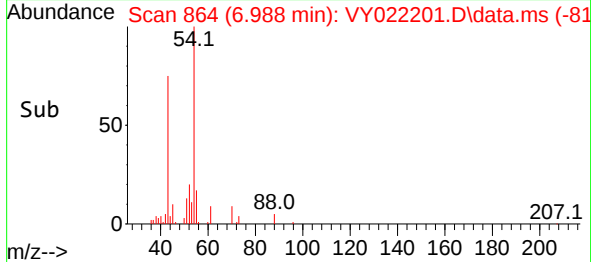
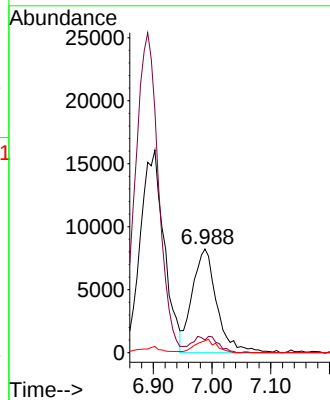
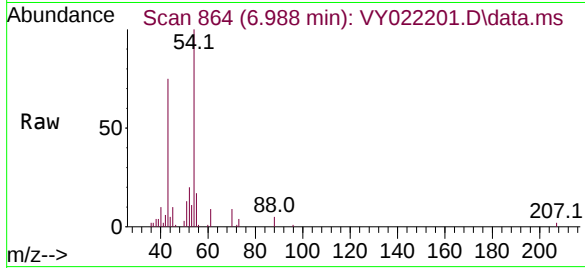




#37
Ethyl Acetate
Concen: 22.747 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

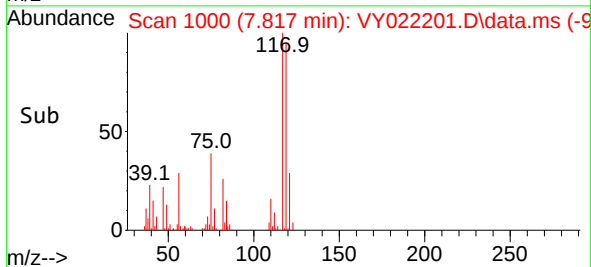
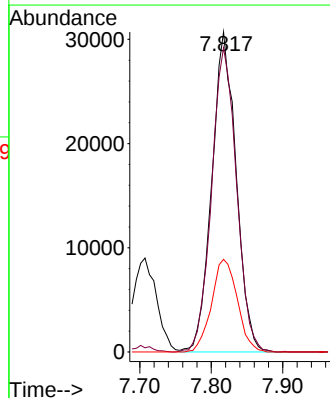
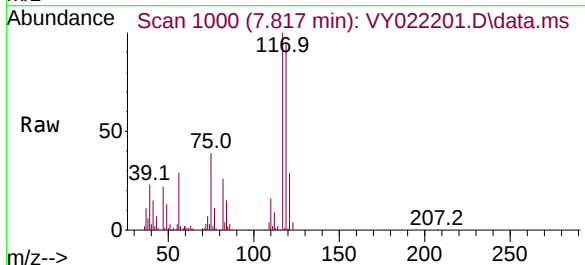
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 43 Resp: 23946
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.6#
70 10.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.707 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 117 Resp: 72524
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
121 28.9 24.0 36.0





#39

Methylcyclohexane

Concen: 19.395 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

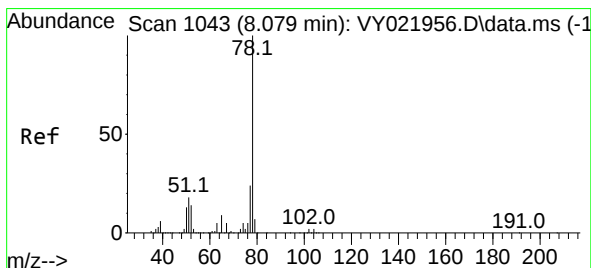
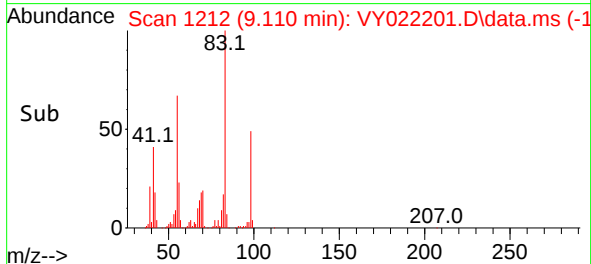
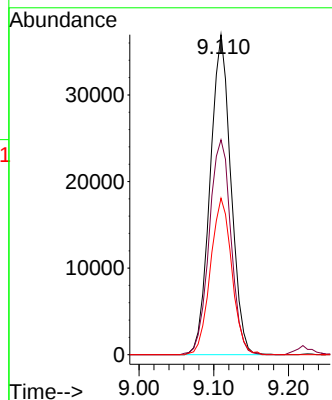
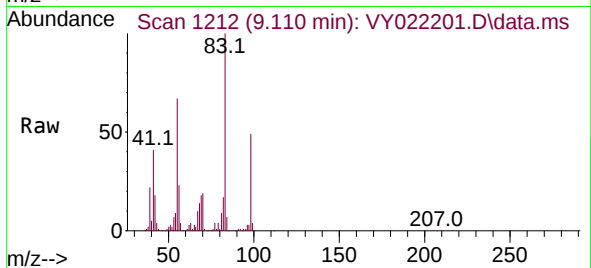
Tgt Ion: 83 Resp: 71540

Ion Ratio Lower Upper

83 100

55 67.1 50.6 75.8

98 48.9 38.6 58.0



#40

Benzene

Concen: 21.039 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022201.D

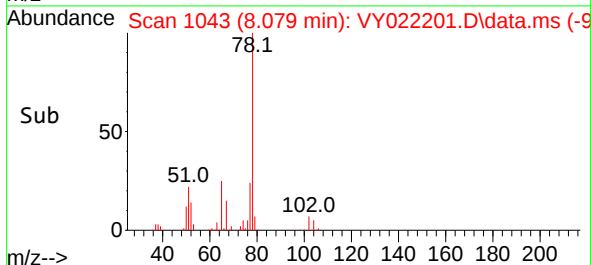
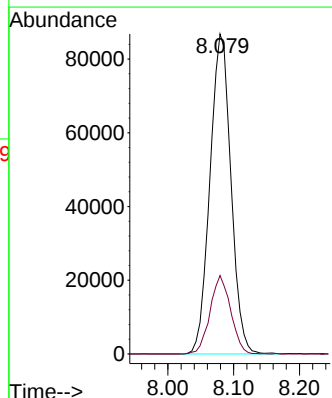
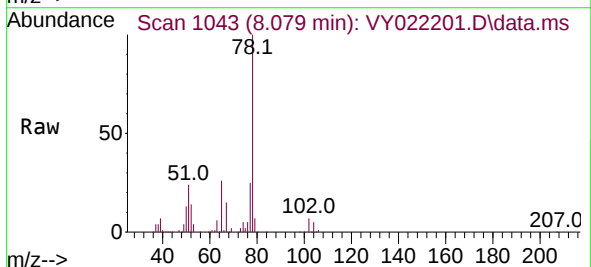
Acq: 08 May 2025 10:24

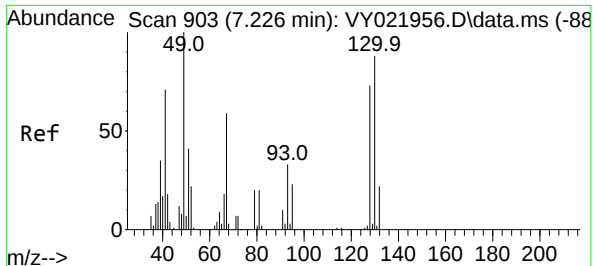
Tgt Ion: 78 Resp: 192769

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

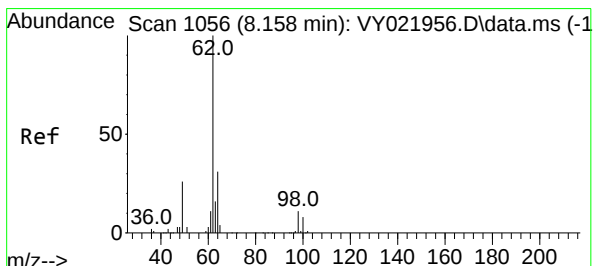
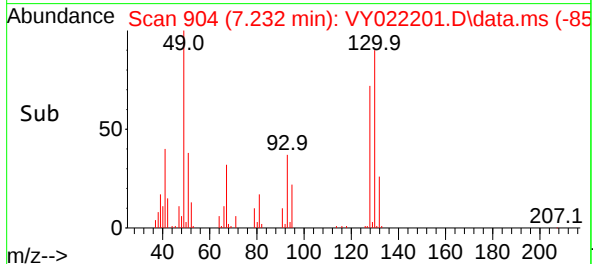
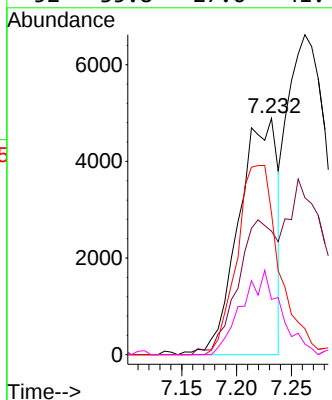
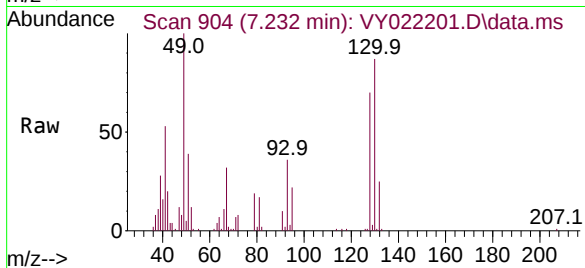




#41
Methacrylonitrile
Concen: 20.820 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

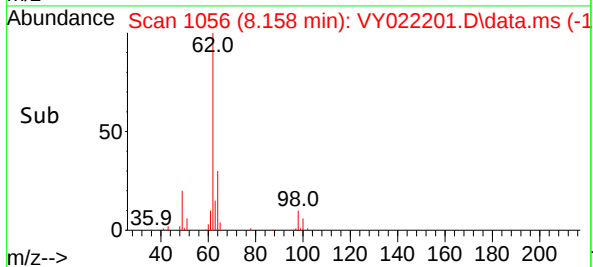
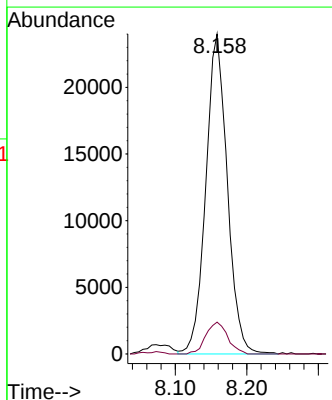
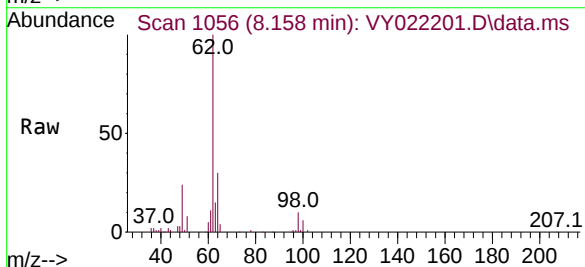
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

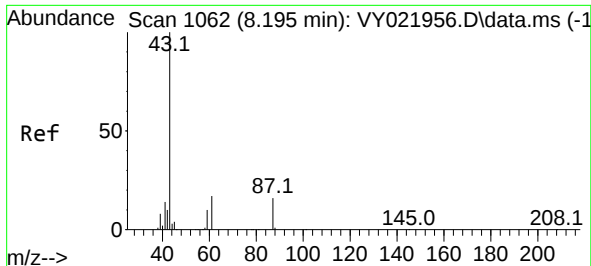
Tgt Ion: 41 Resp: 11981
Ion Ratio Lower Upper
41 100
39 57.8 36.6 55.0#
67 87.5 72.2 108.4
52 35.8 27.6 41.4



#42
1,2-Dichloroethane
Concen: 22.065 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 62 Resp: 50054
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0

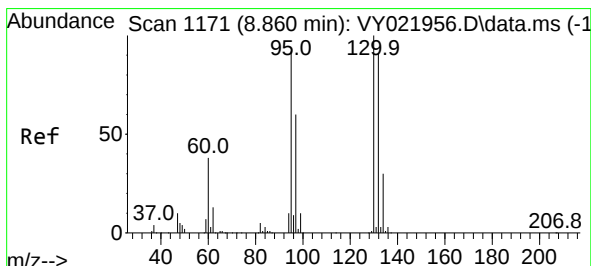
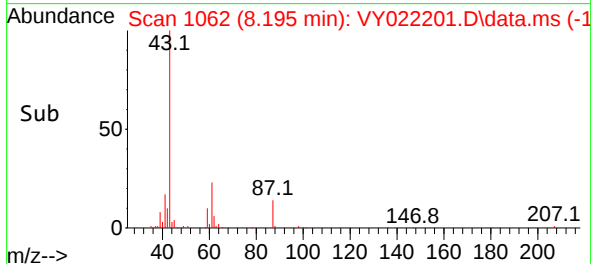
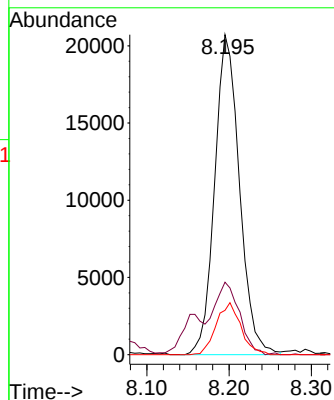
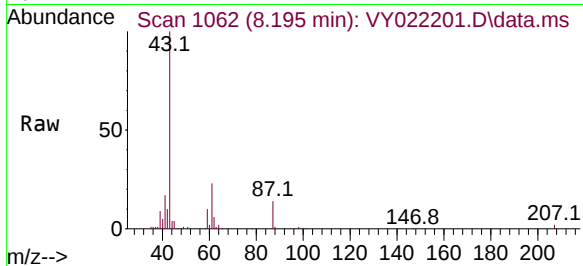




#43
Isopropyl Acetate
Concen: 21.461 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

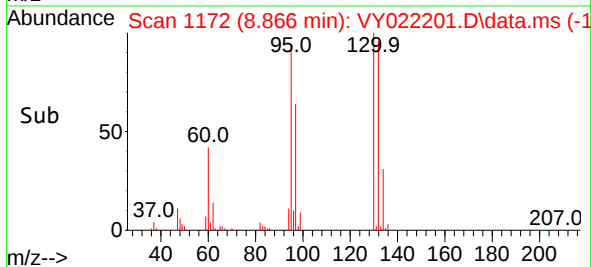
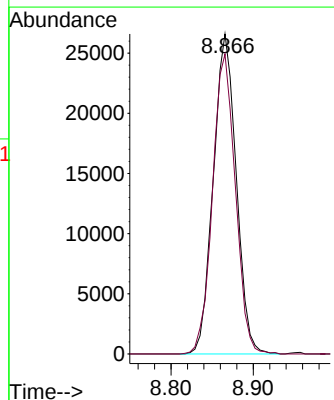
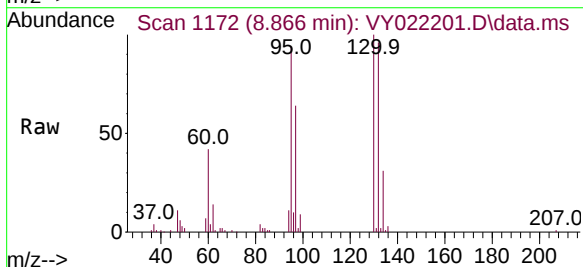
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 43 Resp: 43386
Ion Ratio Lower Upper
43 100
61 22.7 18.9 28.3
87 16.2 13.7 20.5



#44
Trichloroethene
Concen: 20.317 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion:130 Resp: 51560
Ion Ratio Lower Upper
130 100
95 93.7 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.417 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

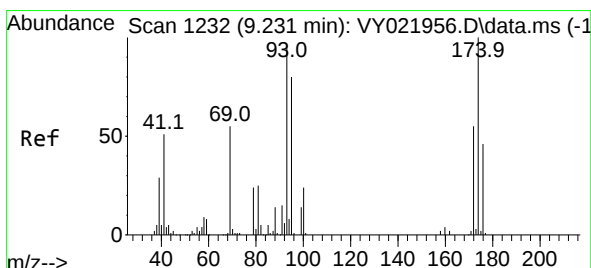
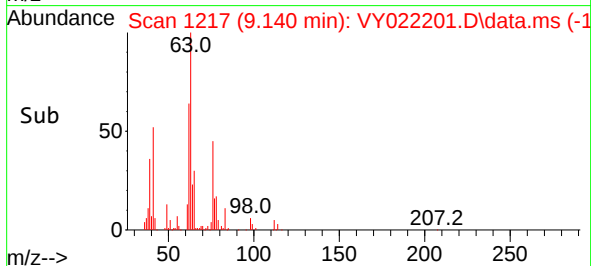
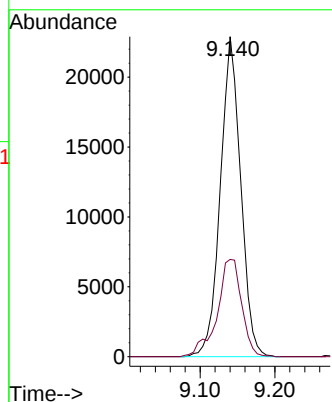
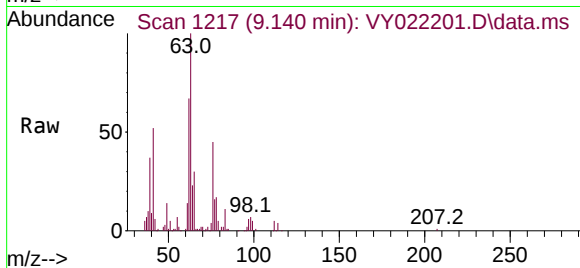
VY0508SBS01

Tgt Ion: 63 Resp: 43396

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



#46

Dibromomethane

Concen: 21.069 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

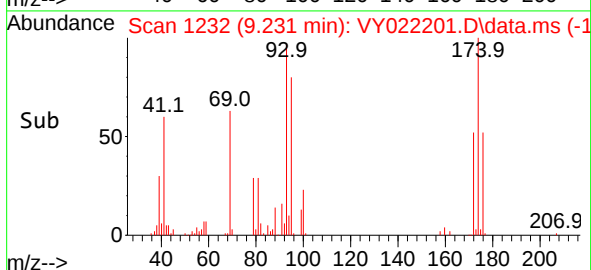
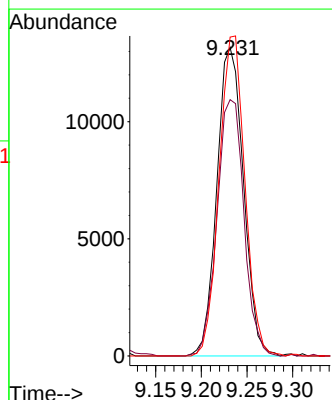
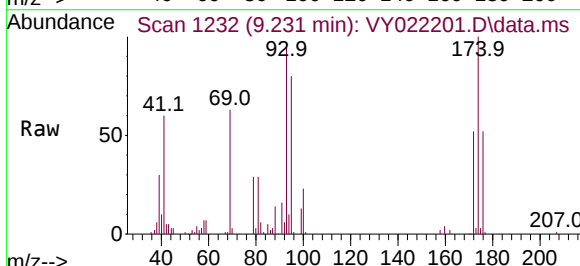
Tgt Ion: 93 Resp: 26724

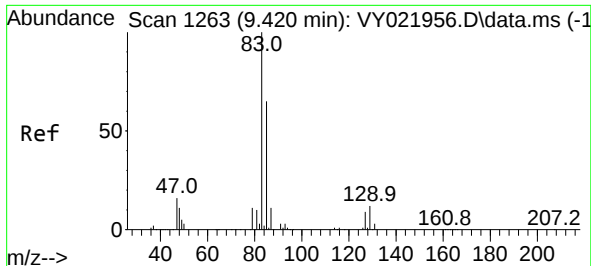
Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

174 100.4 84.6 127.0

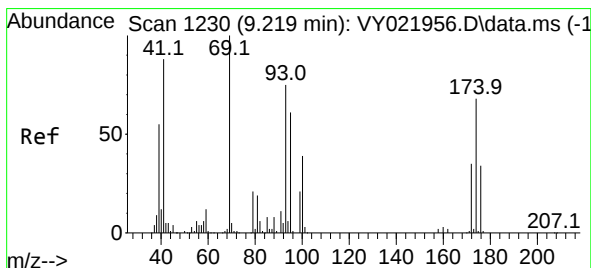
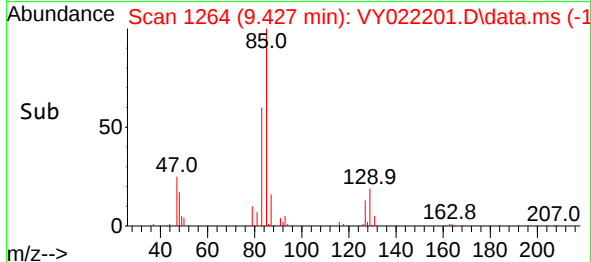
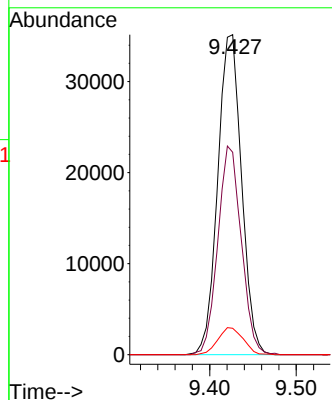
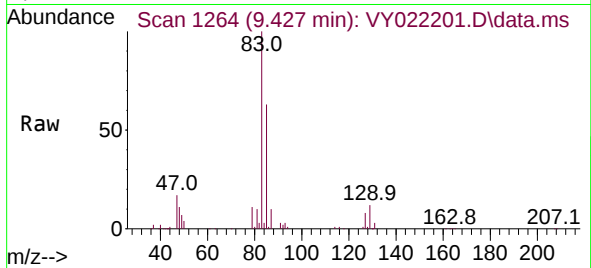




#47
Bromodichloromethane
Concen: 21.229 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

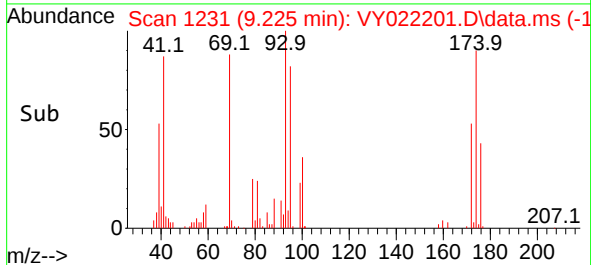
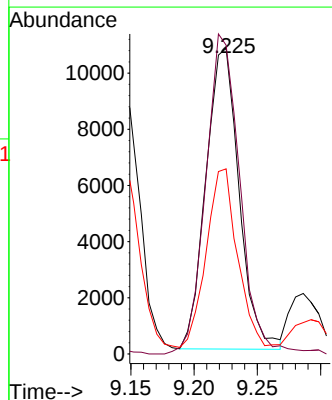
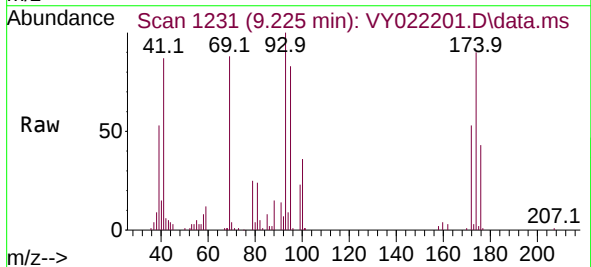
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

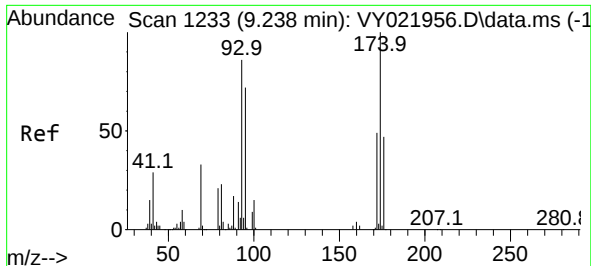
Tgt Ion: 83 Resp: 67266
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.8
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 20.899 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 41 Resp: 19531
Ion Ratio Lower Upper
41 100
69 109.6 85.5 128.3
39 56.4 46.2 69.4





#49

1,4-Dioxane

Concen: 394.557 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

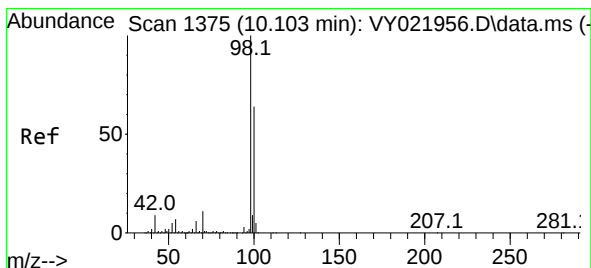
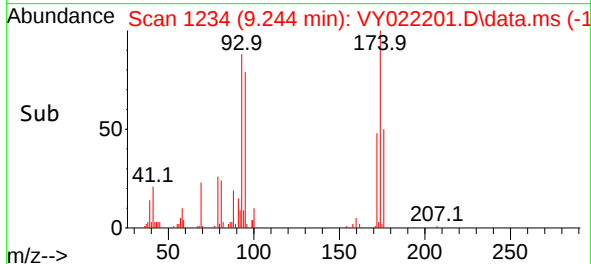
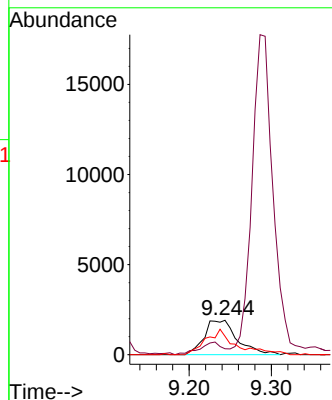
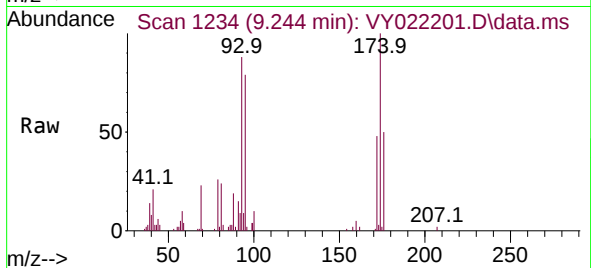
Tgt Ion: 88 Resp: 5334

Ion Ratio Lower Upper

88 100

43 26.7 21.3 31.9

58 55.3 50.5 75.7



#50

Toluene-d8

Concen: 54.494 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022201.D

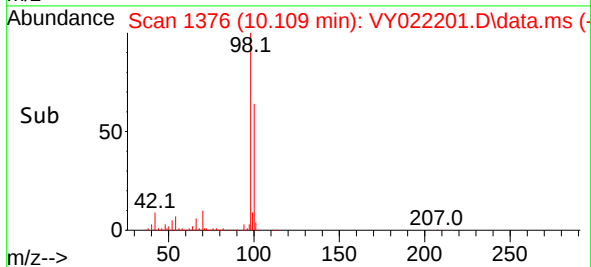
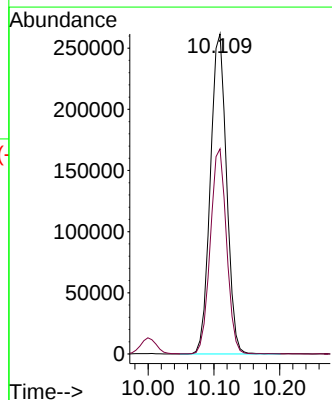
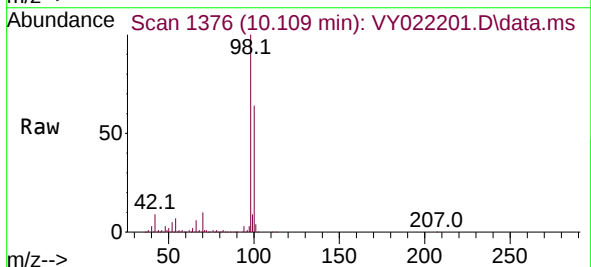
Acq: 08 May 2025 10:24

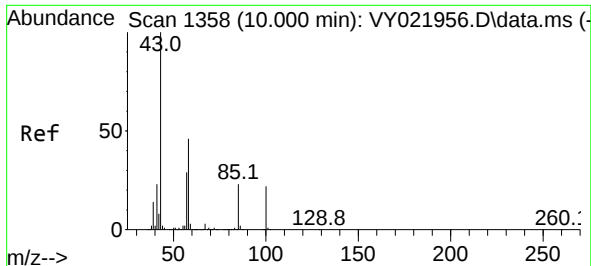
Tgt Ion: 98 Resp: 448281

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

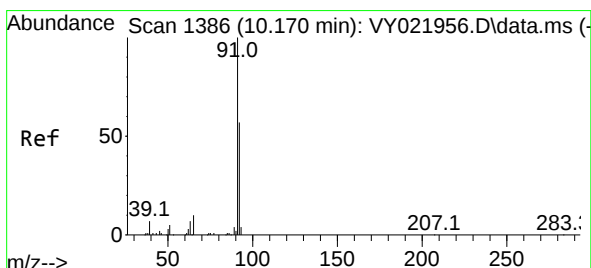
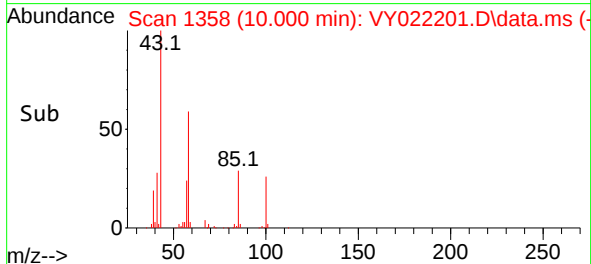
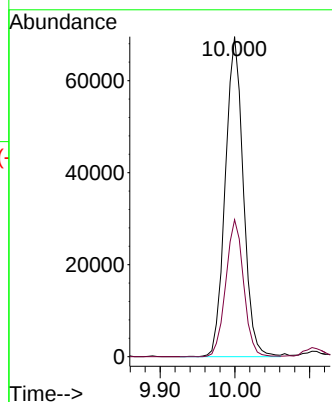
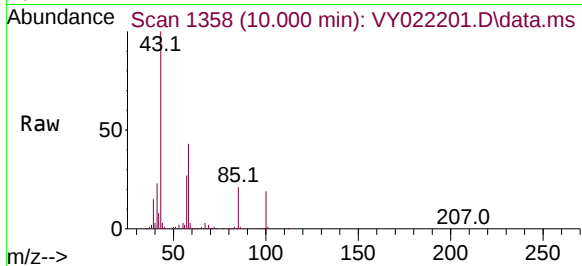




#51
4-Methyl-2-Pentanone
Concen: 110.028 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

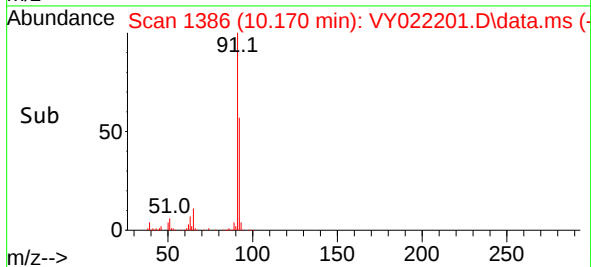
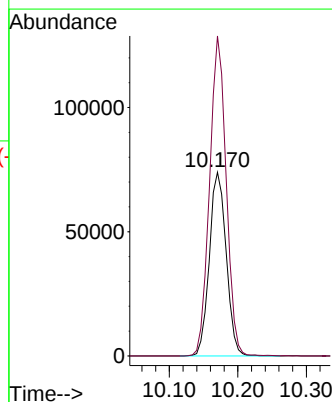
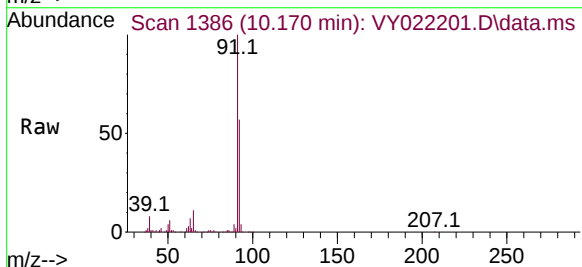
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

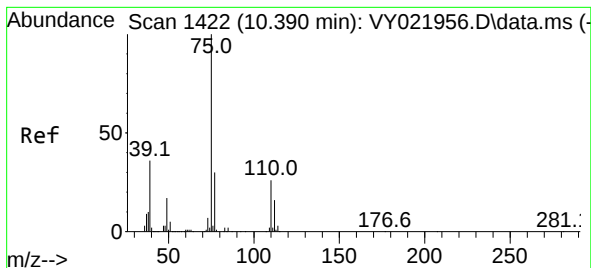
Tgt Ion: 43 Resp: 116602
Ion Ratio Lower Upper
43 100
58 42.4 36.6 55.0



#52
Toluene
Concen: 21.321 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 92 Resp: 126455
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8

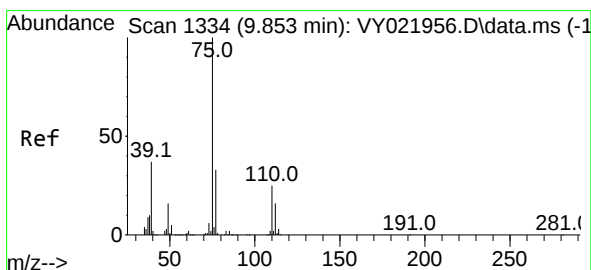
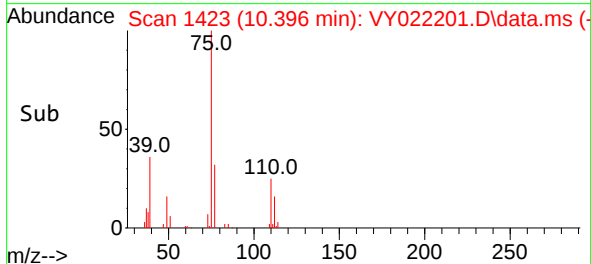
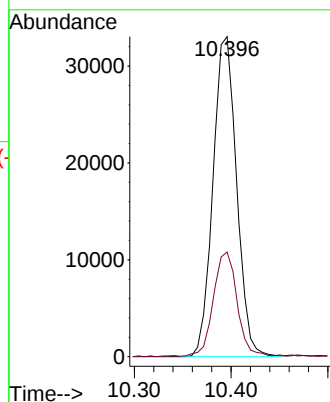
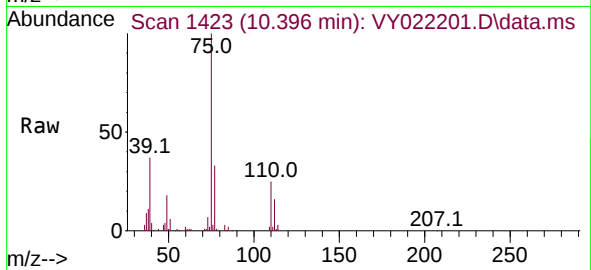




#53
 t-1,3-Dichloropropene
 Concen: 20.640 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

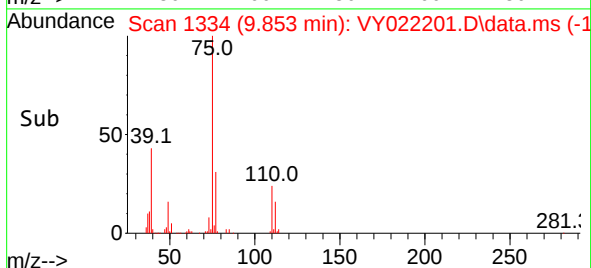
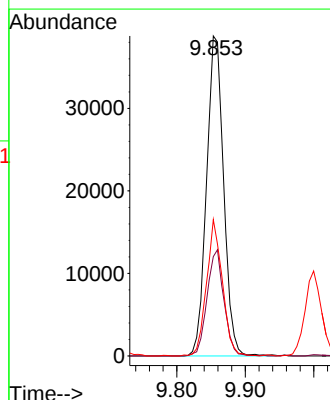
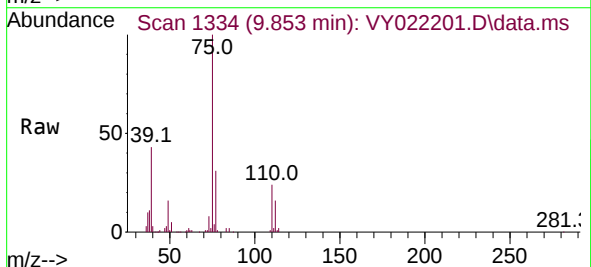
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tgt Ion: 75 Resp: 56096
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.883 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

Tgt Ion: 75 Resp: 67469
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.6 40.0
 39 42.6 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 21.561 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tgt Ion: 97 Resp: 36531

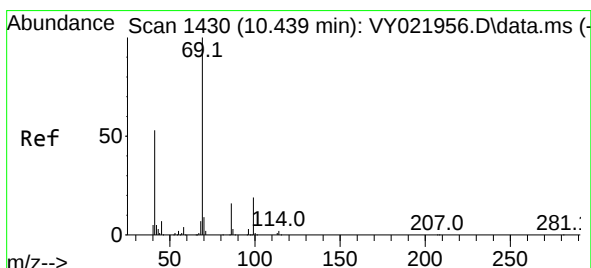
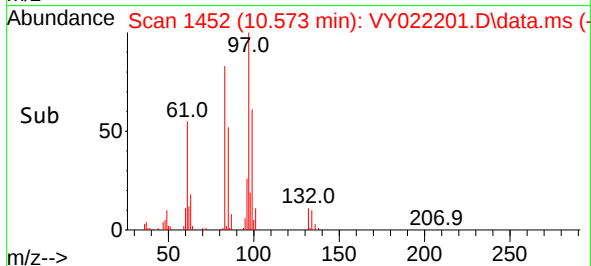
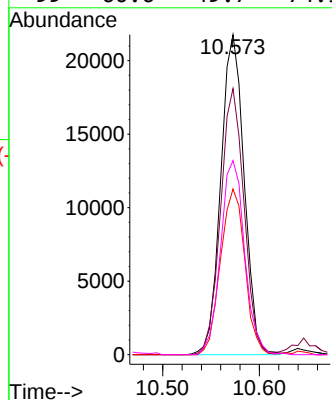
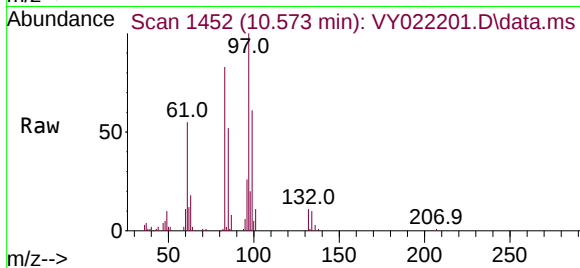
Ion Ratio Lower Upper

97 100

83 83.1 66.7 100.1

85 51.7 42.6 64.0

99 60.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.256 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

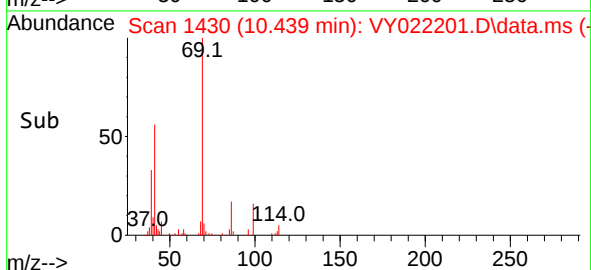
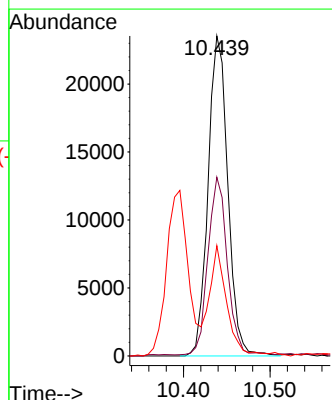
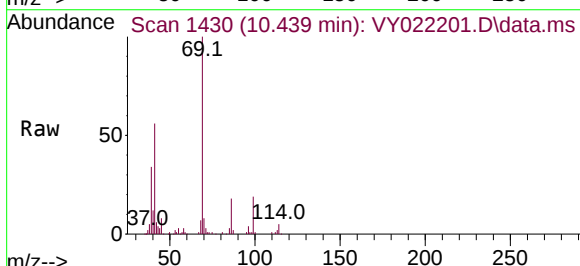
Tgt Ion: 69 Resp: 37309

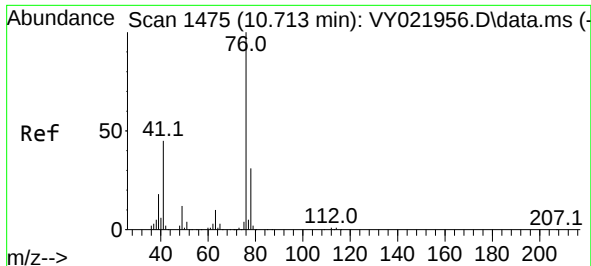
Ion Ratio Lower Upper

69 100

41 54.2 40.7 61.1

39 30.5 23.3 34.9





#57

1,3-Dichloropropane

Concen: 21.298 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

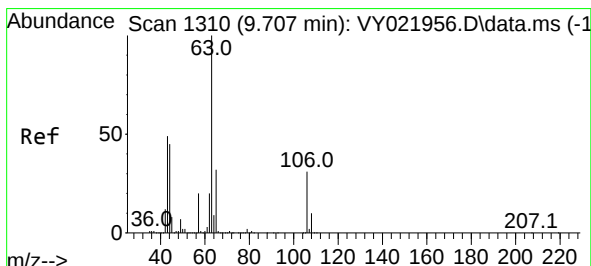
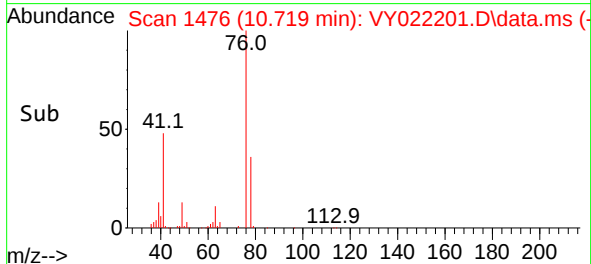
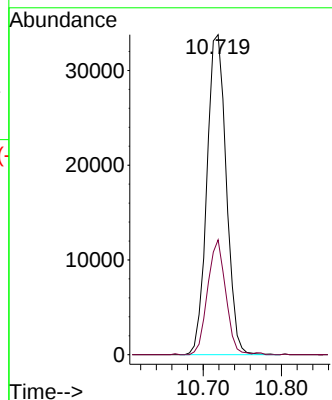
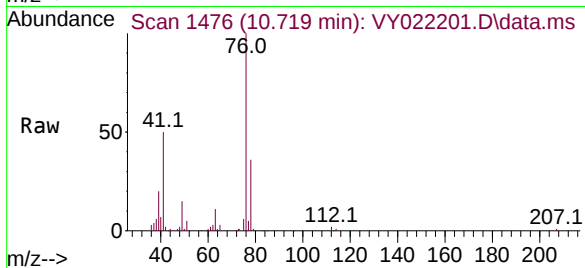
VY0508SBS01

Tgt Ion: 76 Resp: 57849

Ion Ratio Lower Upper

76 100

78 33.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.917 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022201.D

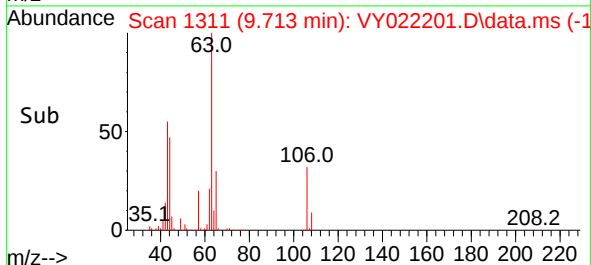
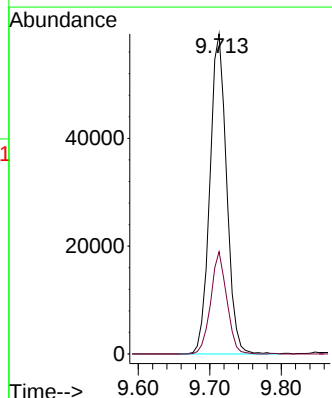
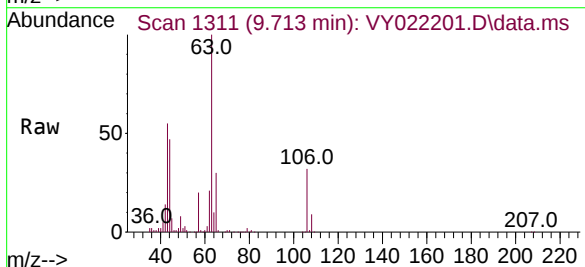
Acq: 08 May 2025 10:24

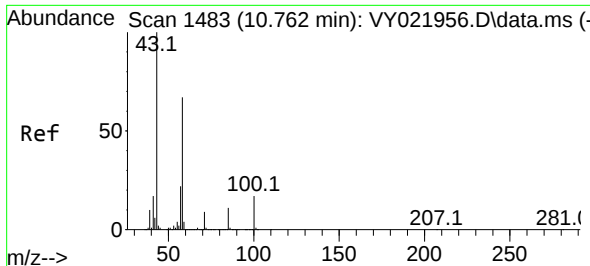
Tgt Ion: 63 Resp: 96547

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

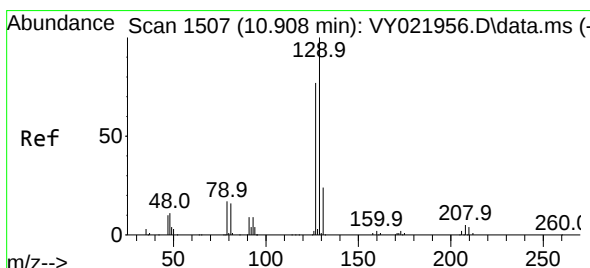
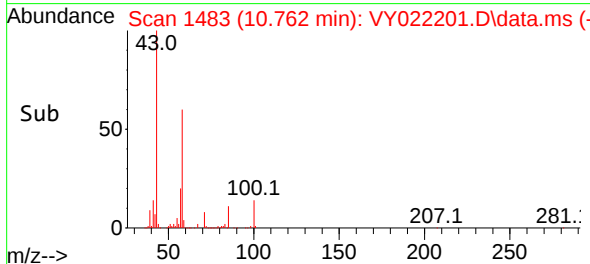
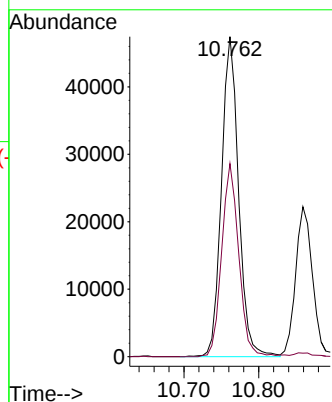
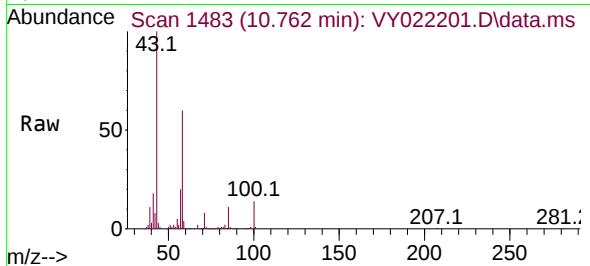




#59
2-Hexanone
Concen: 108.193 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

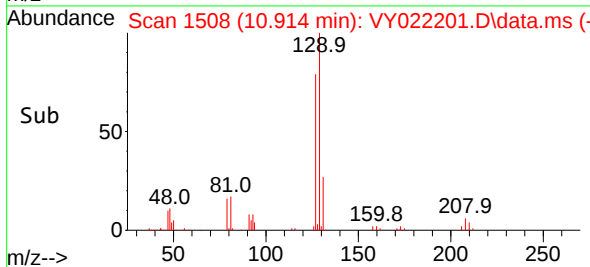
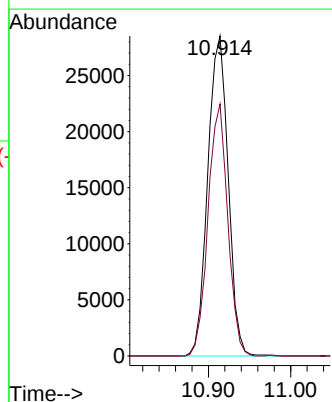
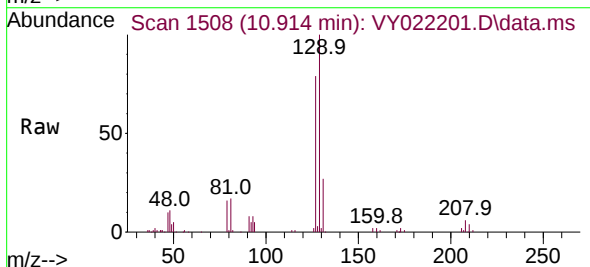
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

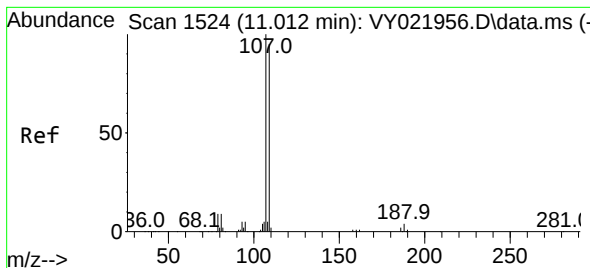
Tgt Ion: 43 Resp: 75626
Ion Ratio Lower Upper
43 100
58 60.2 32.0 96.0



#60
Dibromochloromethane
Concen: 20.946 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 129 Resp: 49132
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3

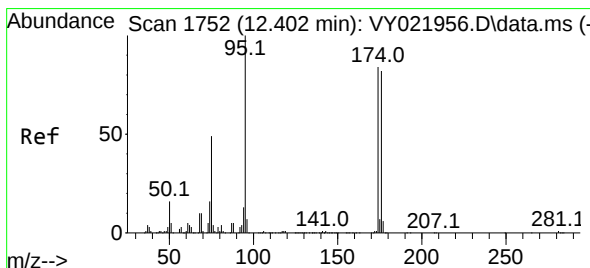
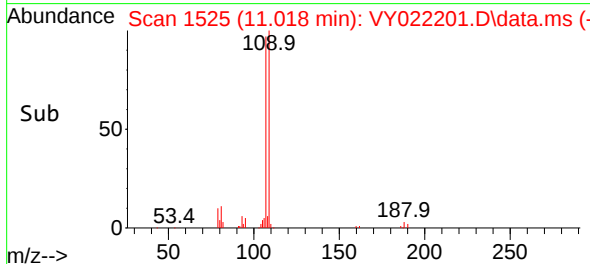
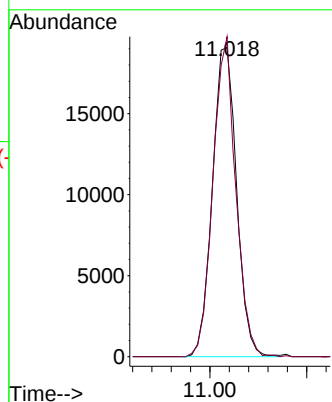
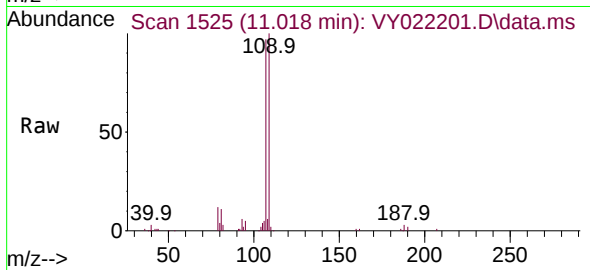




#61
1,2-Dibromoethane
Concen: 20.719 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

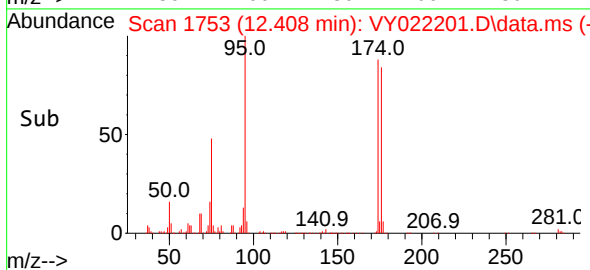
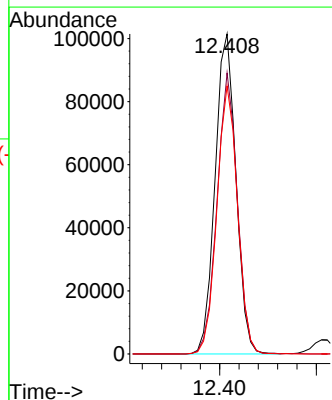
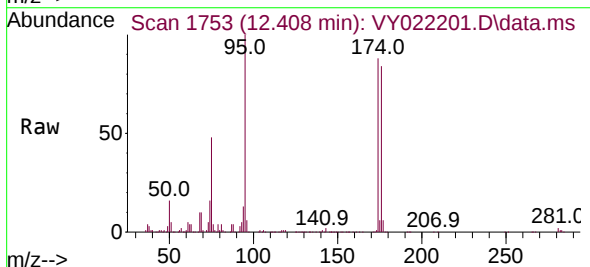
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

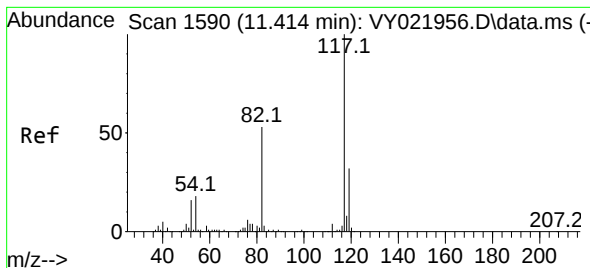
Tgt Ion:107 Resp: 33140
Ion Ratio Lower Upper
107 100
109 97.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.867 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 95 Resp: 151942
Ion Ratio Lower Upper
95 100
174 85.3 0.0 179.0
176 82.6 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: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

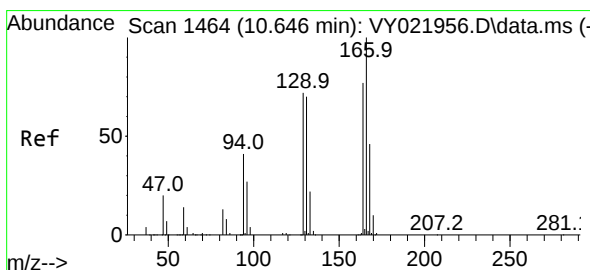
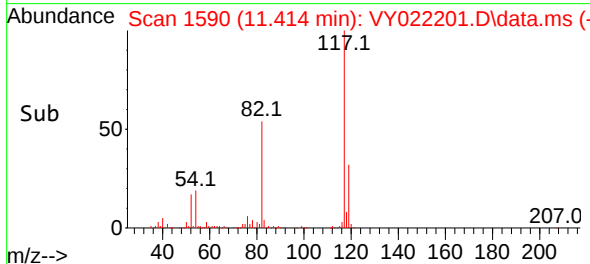
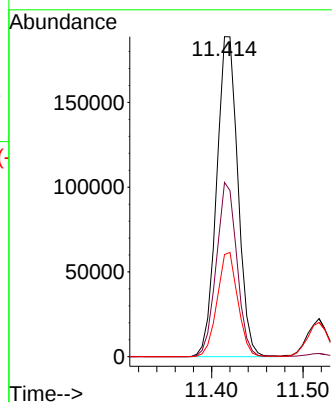
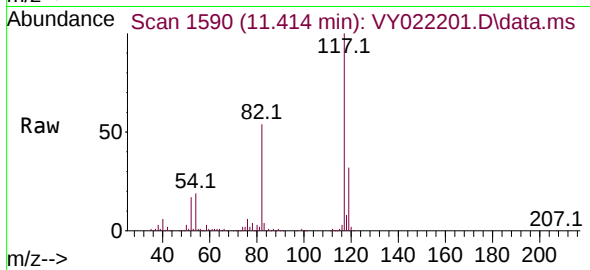
Tgt Ion:117 Resp: 306202

Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 20.329 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Tgt Ion:164 Resp: 58723

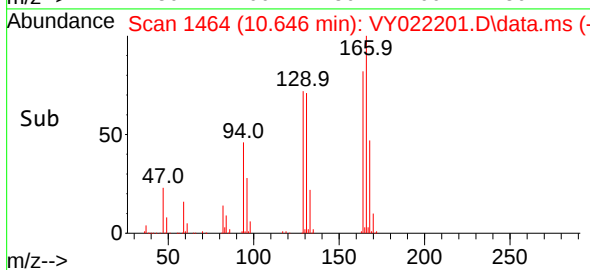
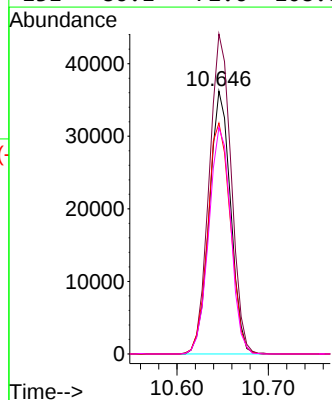
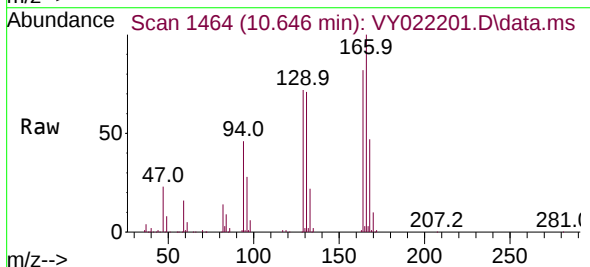
Ion Ratio Lower Upper

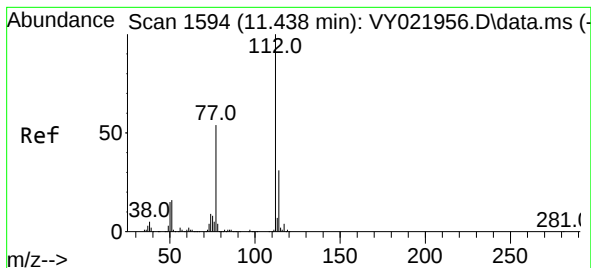
164 100

166 121.7 103.6 155.4

129 87.8 74.2 111.4

131 86.1 72.6 108.8

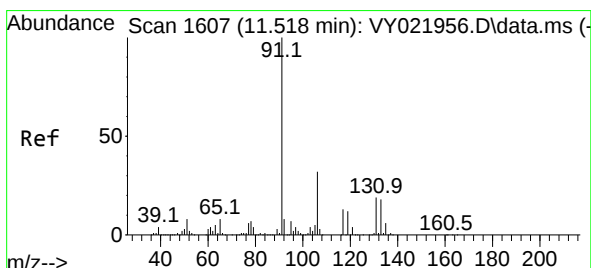
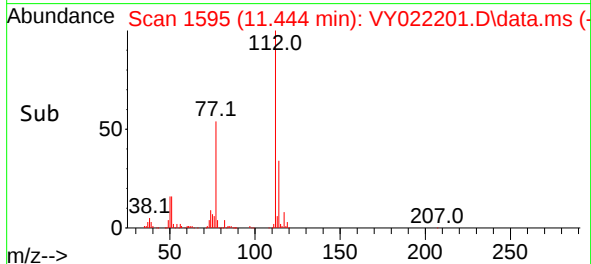
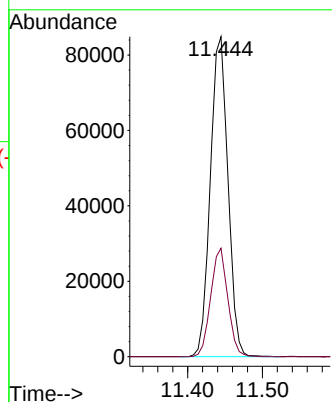
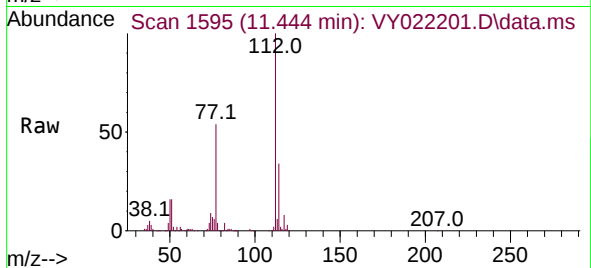




#65
Chlorobenzene
Concen: 20.273 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

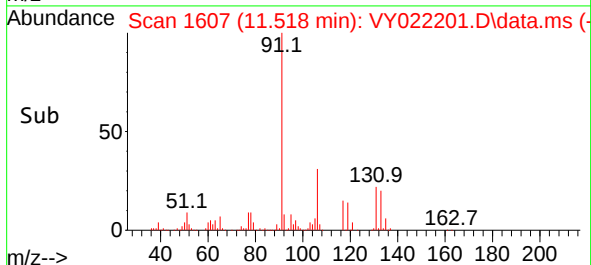
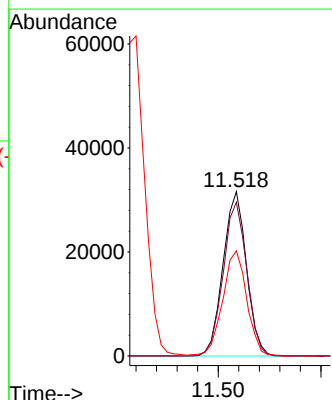
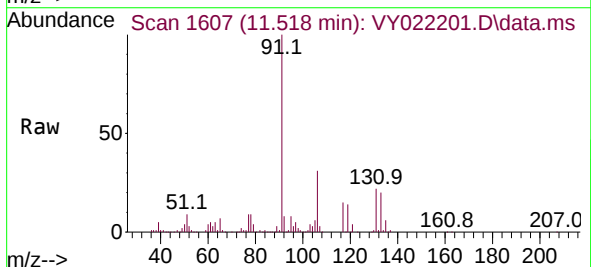
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

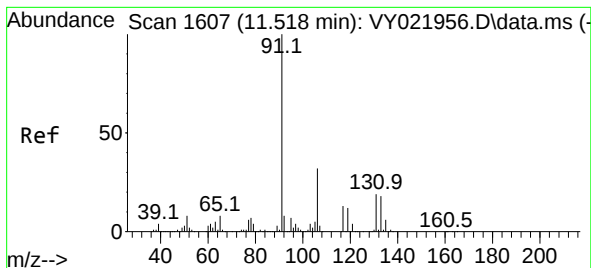
Tgt Ion:112 Resp: 138820
Ion Ratio Lower Upper
112 100
114 33.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.646 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion:131 Resp: 49771
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 66.1 32.4 97.0





#67

Ethyl Benzene

Concen: 19.740 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

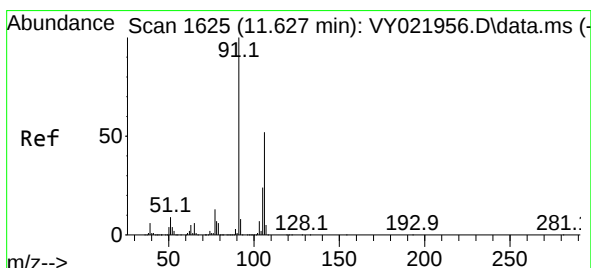
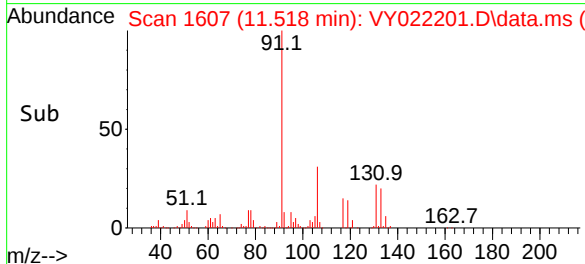
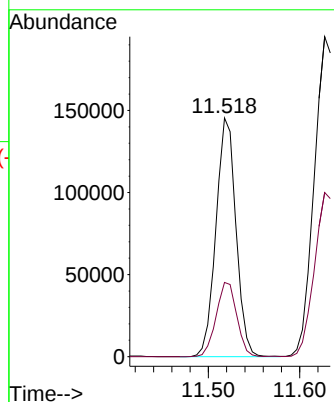
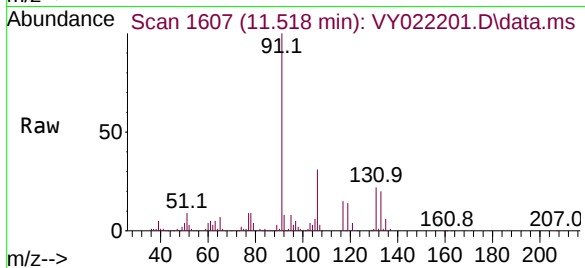
VY0508SBS01

Tgt Ion: 91 Resp: 221120

Ion Ratio Lower Upper

91 100

106 31.1 25.9 38.9



#68

m/p-Xylenes

Concen: 40.688 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022201.D

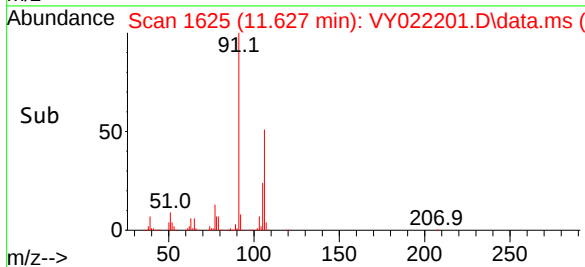
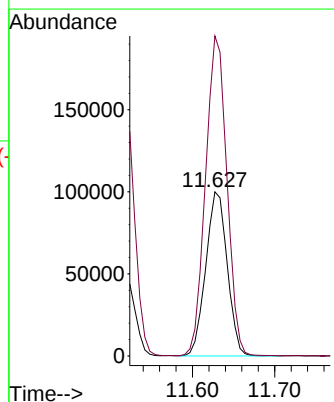
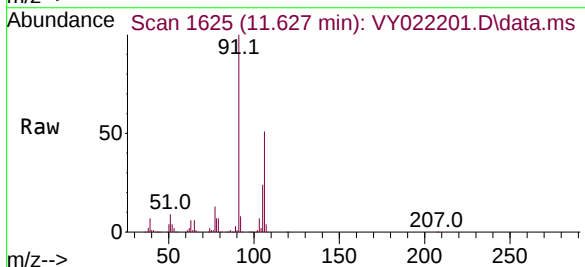
Acq: 08 May 2025 10:24

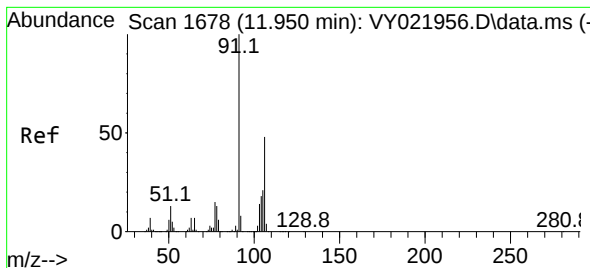
Tgt Ion: 106 Resp: 181355

Ion Ratio Lower Upper

106 100

91 193.5 156.2 234.2





#69

o-Xylene

Concen: 19.604 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

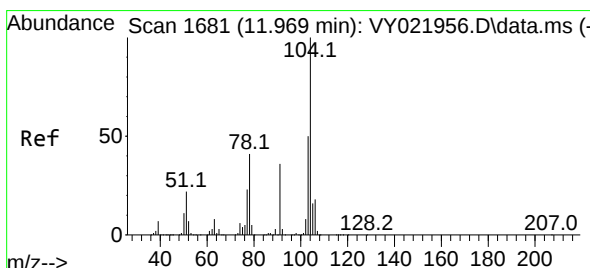
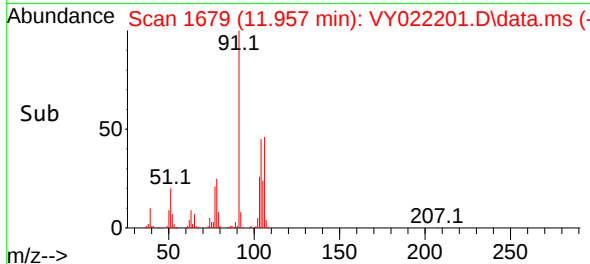
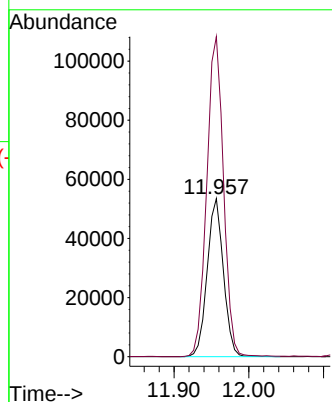
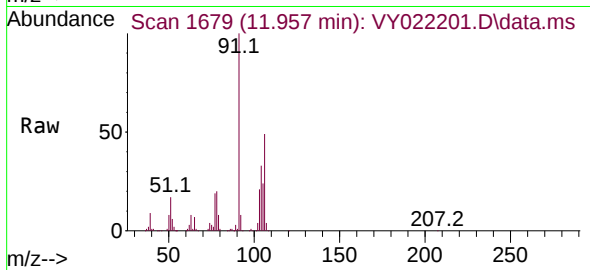
VY0508SBS01

Tgt Ion:106 Resp: 80536

Ion Ratio Lower Upper

106 100

91 209.4 103.0 308.9



#70

Styrene

Concen: 20.114 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

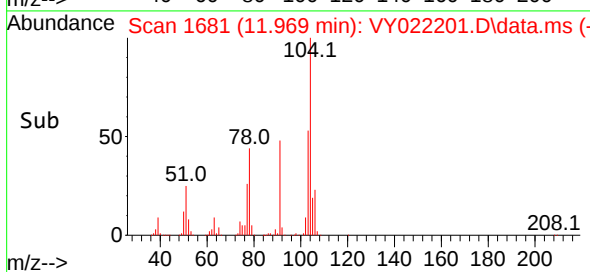
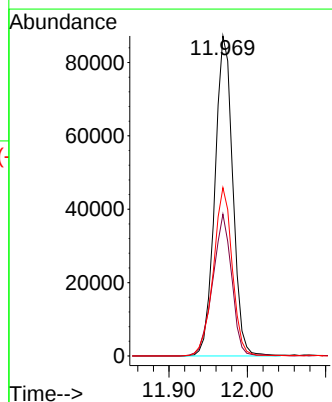
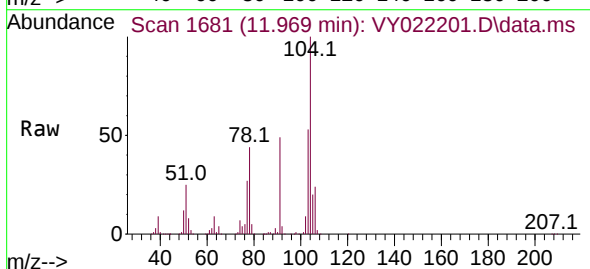
Tgt Ion:104 Resp: 138739

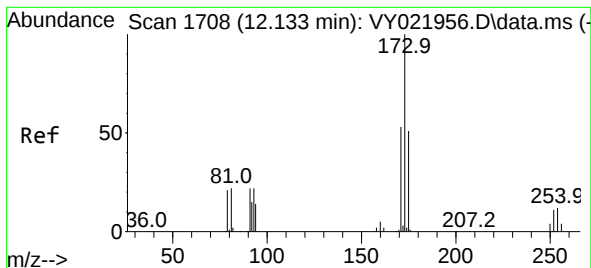
Ion Ratio Lower Upper

104 100

78 46.9 36.6 54.8

103 55.3 43.8 65.8





#71

Bromoform

Concen: 20.528 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

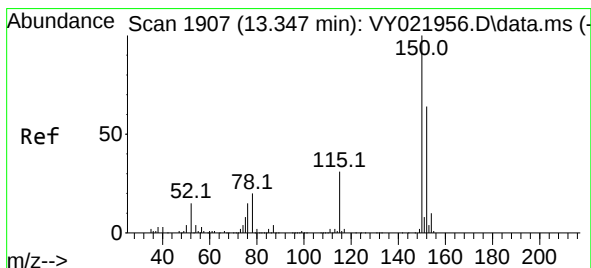
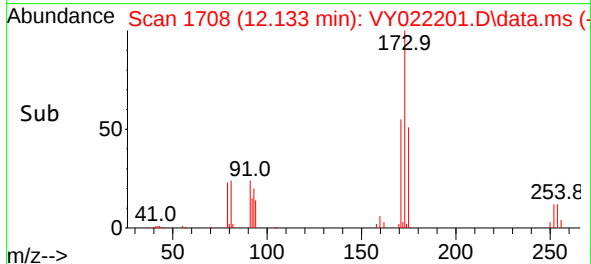
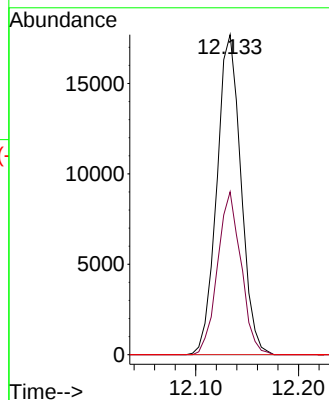
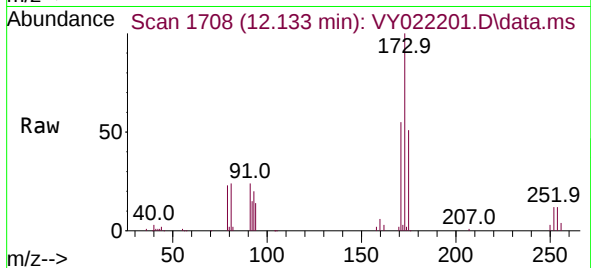
Tgt Ion:173 Resp: 28771

Ion Ratio Lower Upper

173 100

175 49.7 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: VY022201.D

Acq: 08 May 2025 10:24

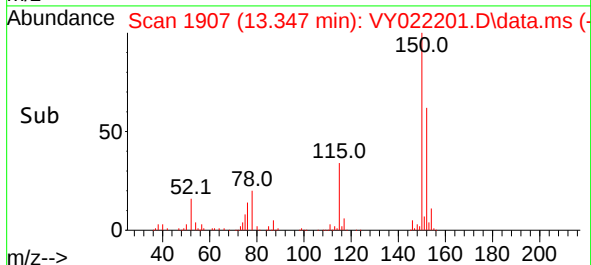
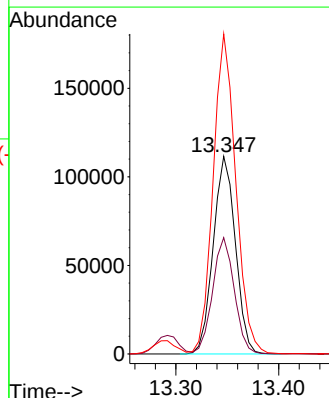
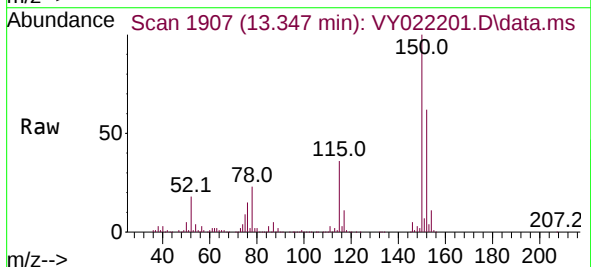
Tgt Ion:152 Resp: 167107

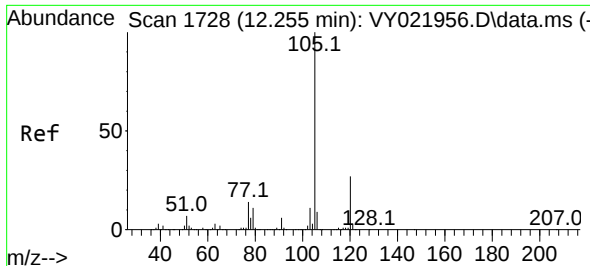
Ion Ratio Lower Upper

152 100

115 57.4 28.0 84.0

150 165.5 0.0 345.6

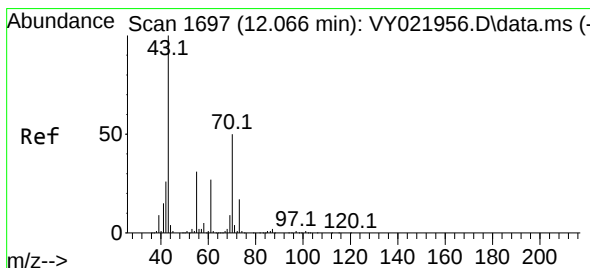
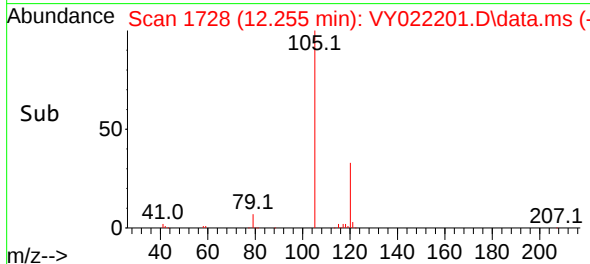
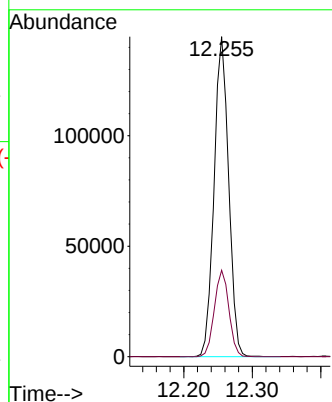
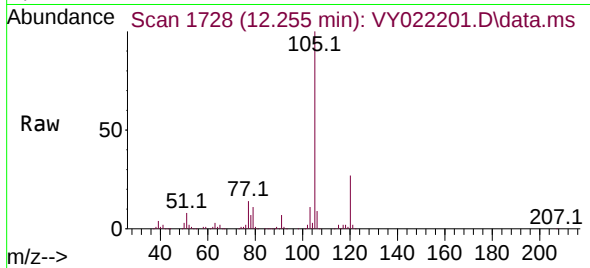




#73
Isopropylbenzene
Concen: 19.112 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

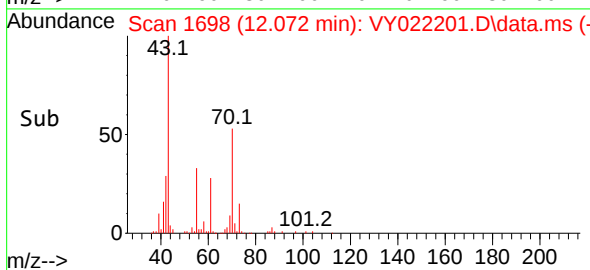
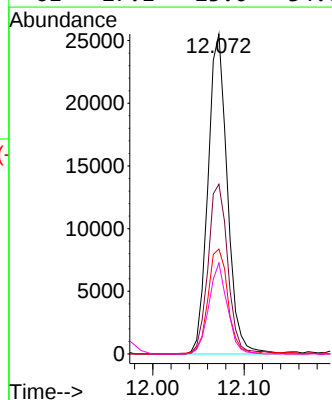
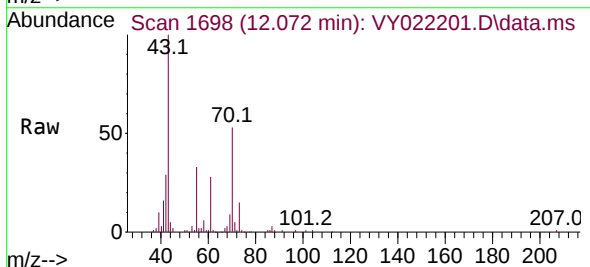
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

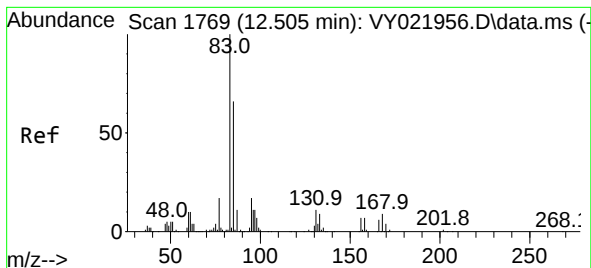
Tgt Ion:105 Resp: 213380
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#74
N-ethyl acetate
Concen: 19.594 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 43 Resp: 37585
Ion Ratio Lower Upper
43 100
70 54.3 43.2 64.8
55 33.8 25.7 38.5
61 27.1 23.0 34.6

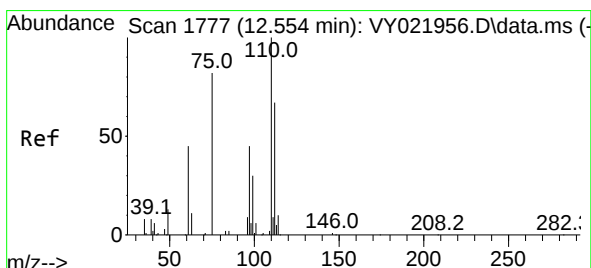
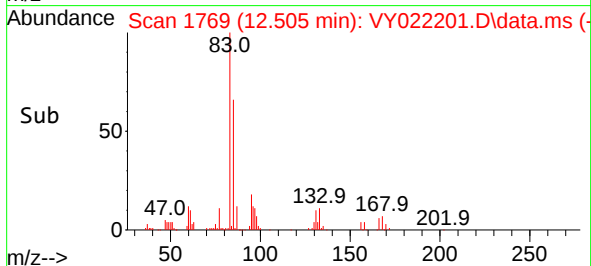
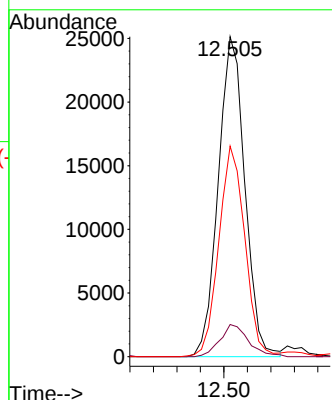
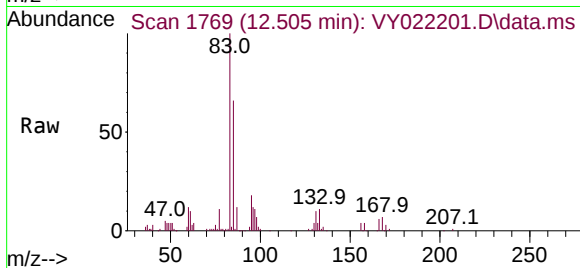




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.015 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

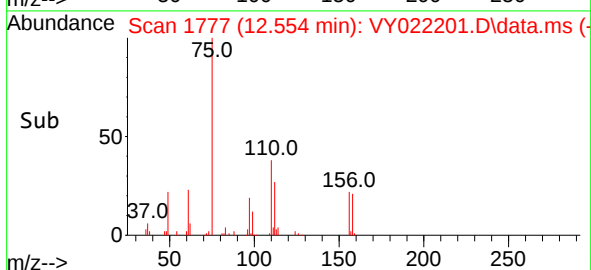
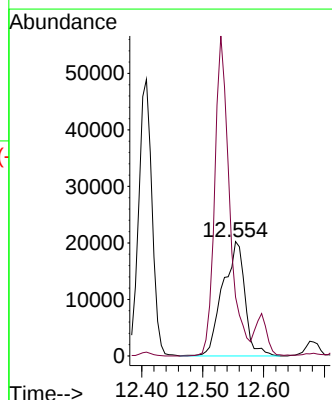
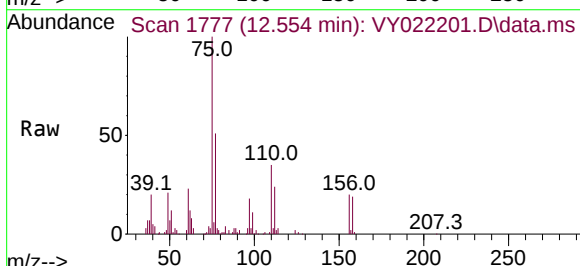
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

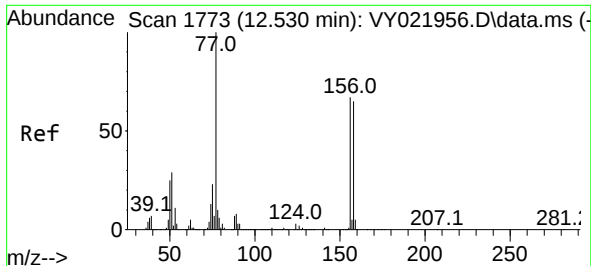
Tgt Ion: 83 Resp: 39556
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.906 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022201.D
 Acq: 08 May 2025 10:24

Tgt Ion: 75 Resp: 51394
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

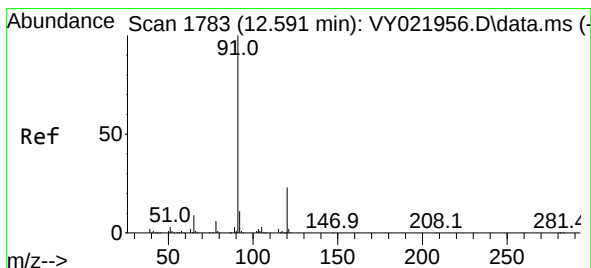
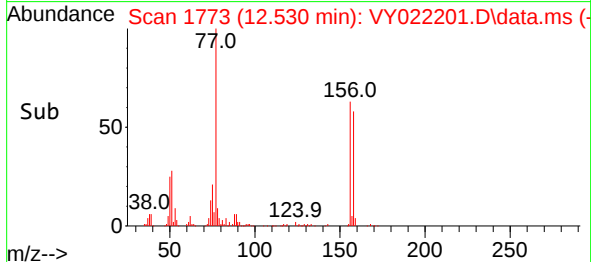
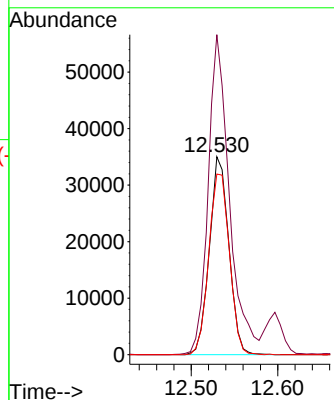
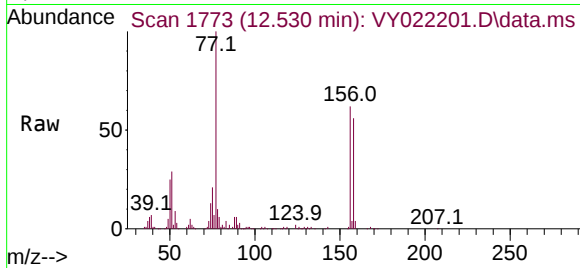




#77
Bromobenzene
Concen: 19.389 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

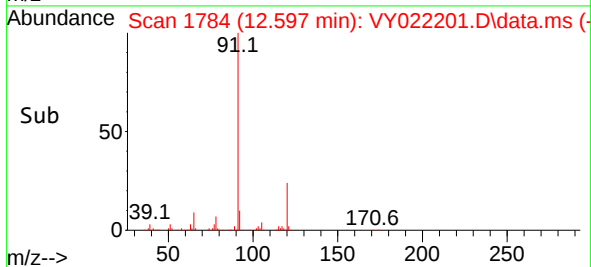
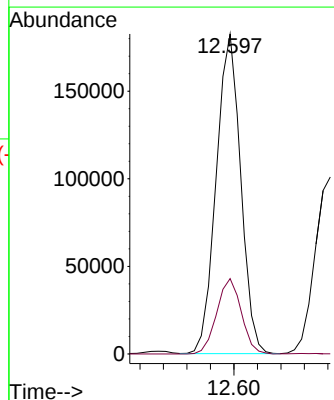
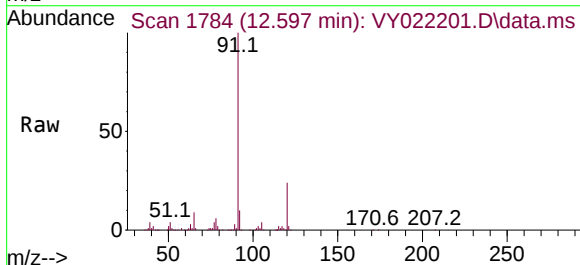
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

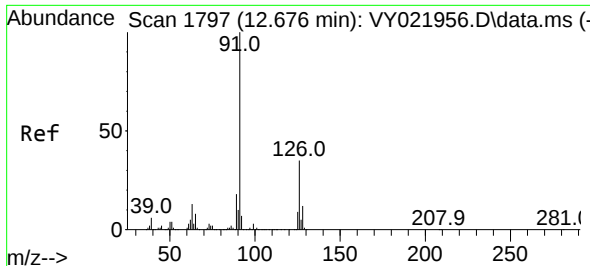
Tgt Ion:156 Resp: 54698
Ion Ratio Lower Upper
156 100
77 176.2 82.7 248.1
158 96.9 48.1 144.4



#78
n-propylbenzene
Concen: 19.811 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 91 Resp: 263400
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.878 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

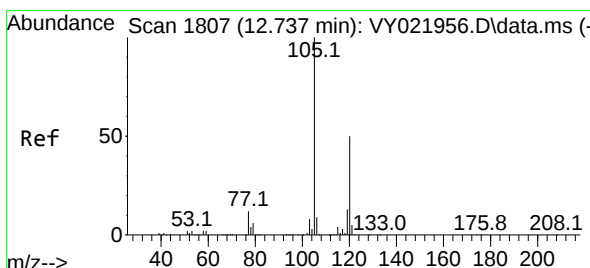
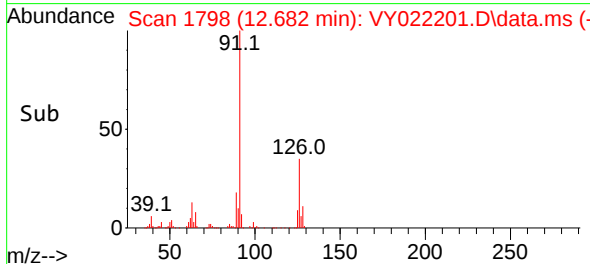
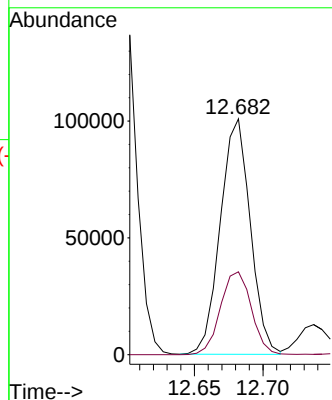
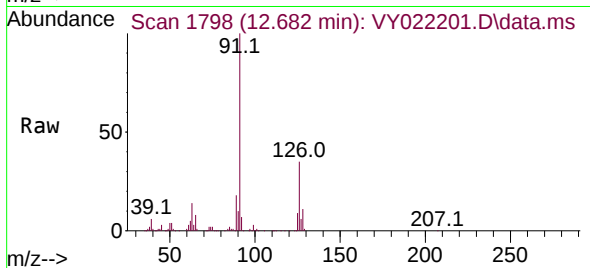
VY0508SBS01

Tgt Ion: 91 Resp: 153705

Ion Ratio Lower Upper

91 100

126 36.4 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 19.753 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022201.D

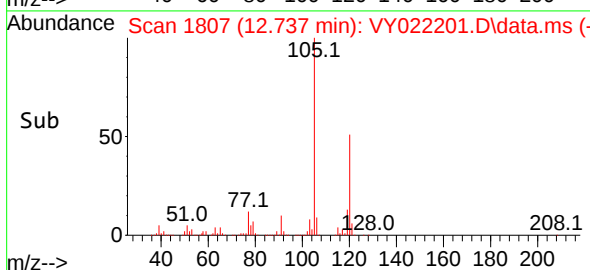
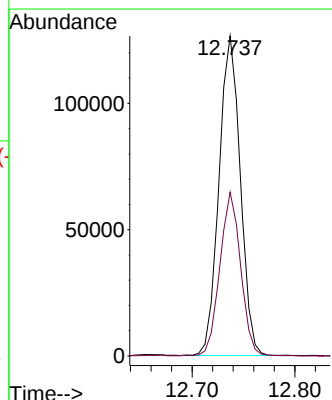
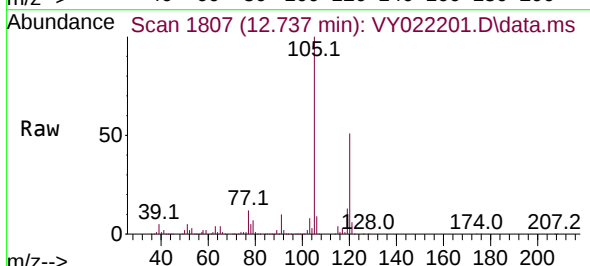
Acq: 08 May 2025 10:24

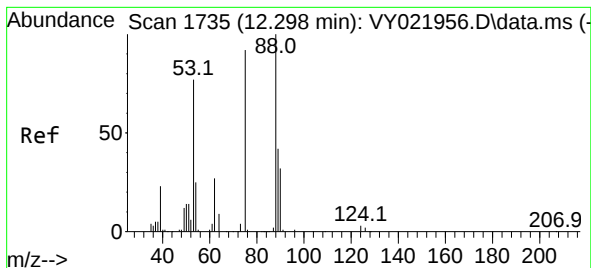
Tgt Ion: 105 Resp: 181705

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0

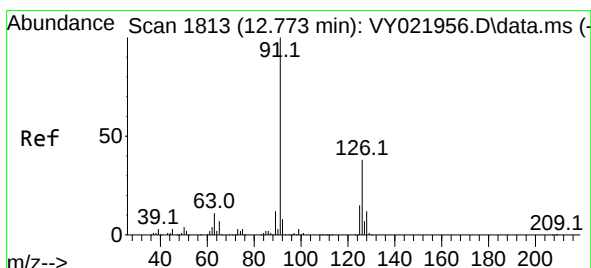
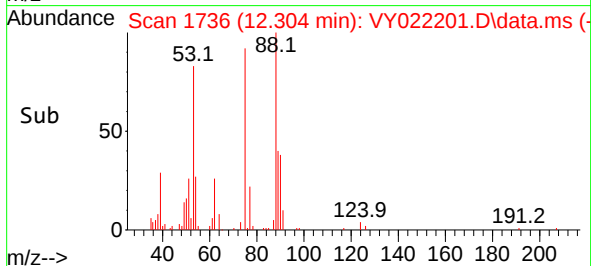
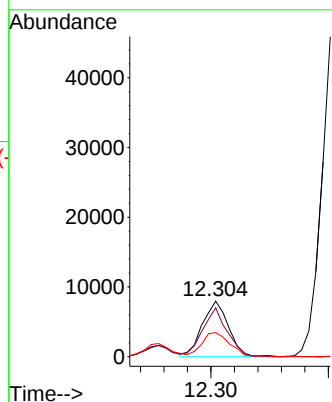
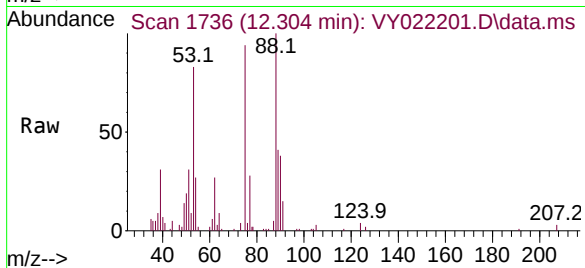




#81
trans-1,4-Dichloro-2-butene
Concen: 20.675 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

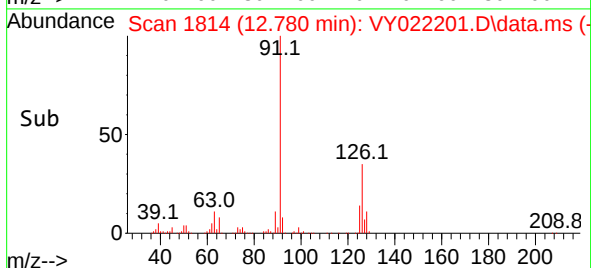
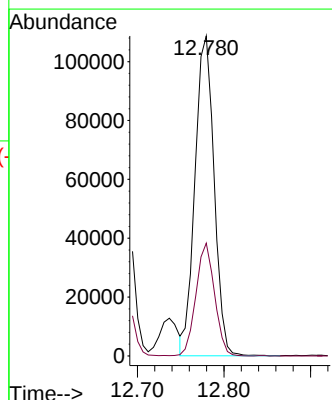
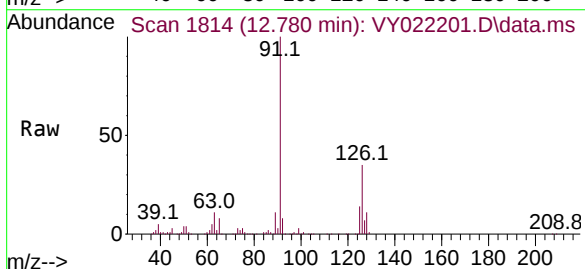
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

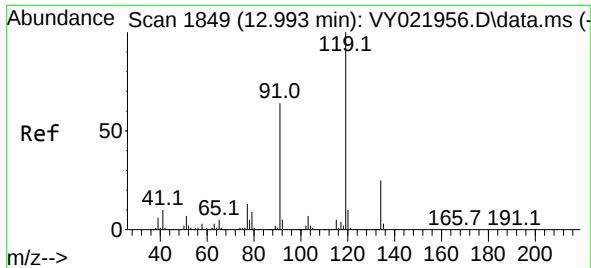
Tgt Ion: 75 Resp: 12289
Ion Ratio Lower Upper
75 100
53 83.0 66.0 99.0
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.716 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 91 Resp: 166511
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8

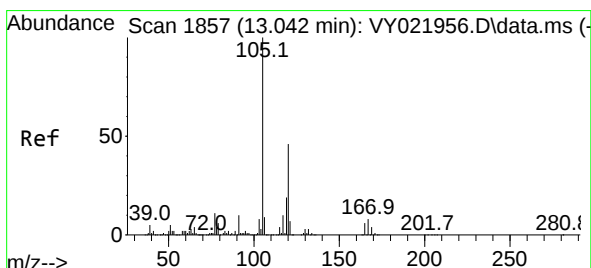
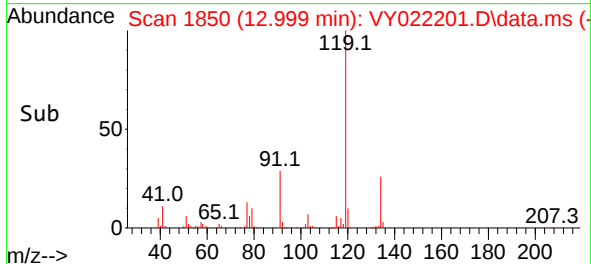
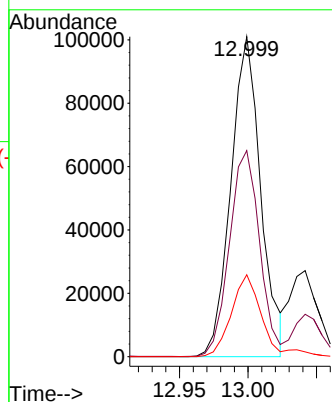
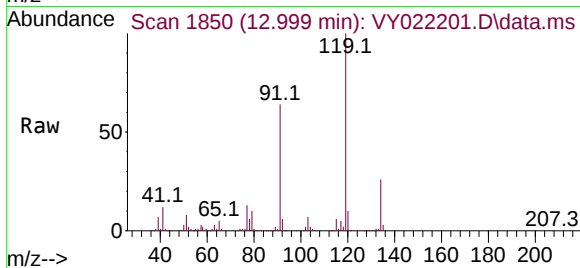




#83
tert-Butylbenzene
Concen: 18.645 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

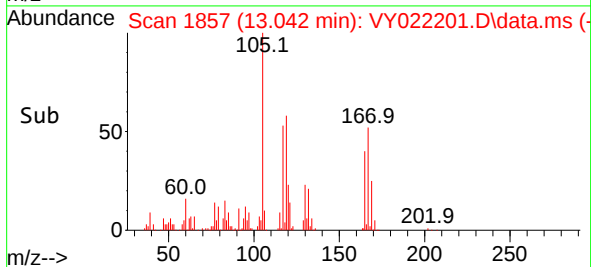
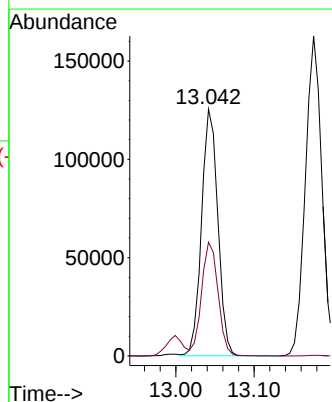
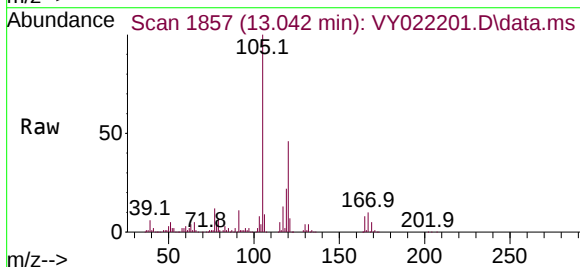
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

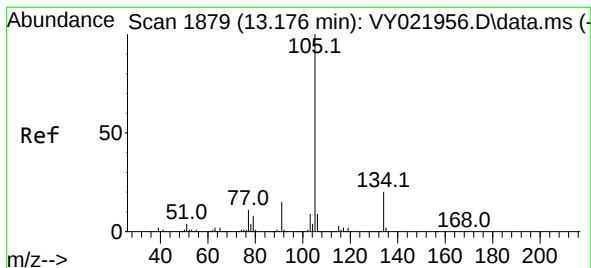
Tgt Ion:119 Resp: 153820
Ion Ratio Lower Upper
119 100
91 64.8 30.3 90.9
134 26.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.729 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion:105 Resp: 181526
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.682 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

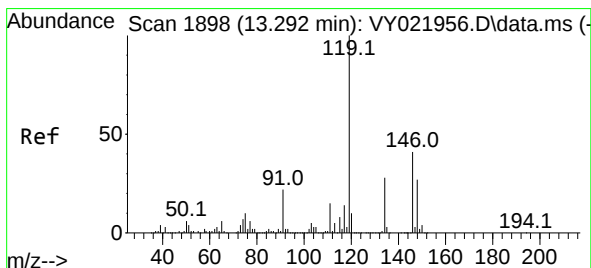
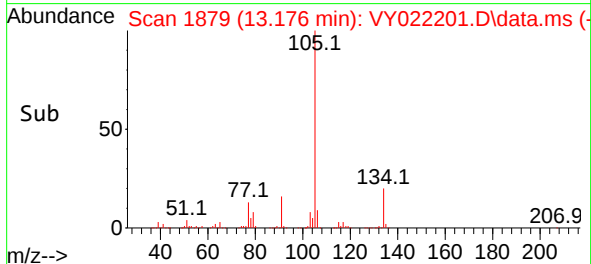
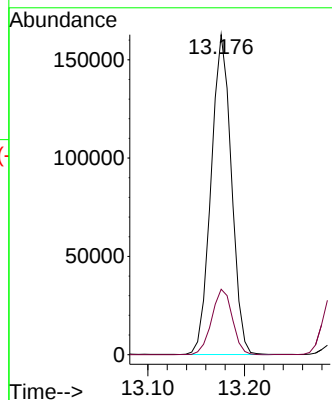
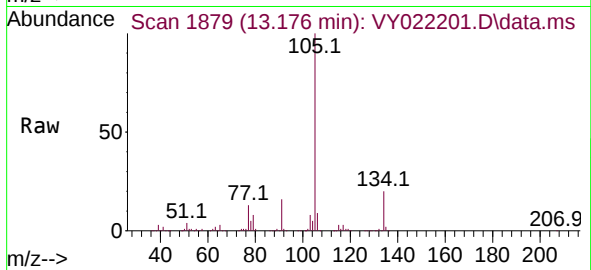
VY0508SBS01

Tgt Ion:105 Resp: 237613

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.624 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

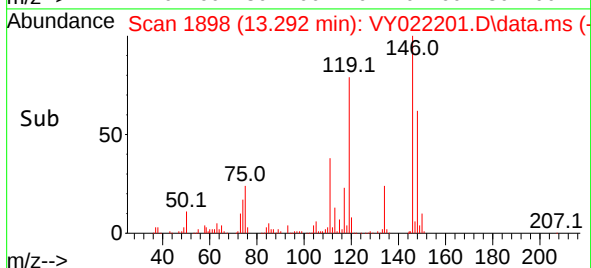
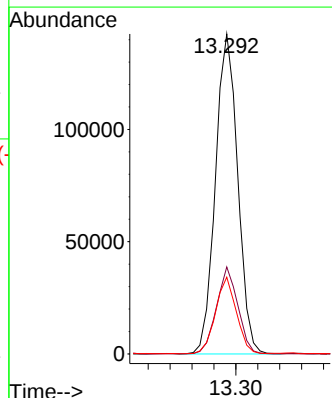
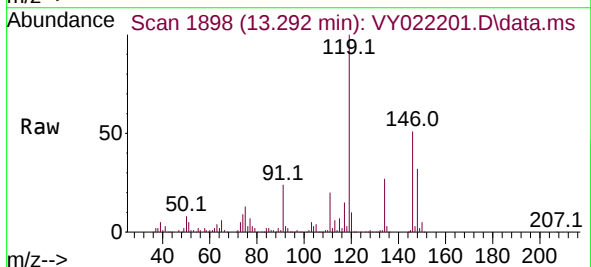
Tgt Ion:119 Resp: 201171

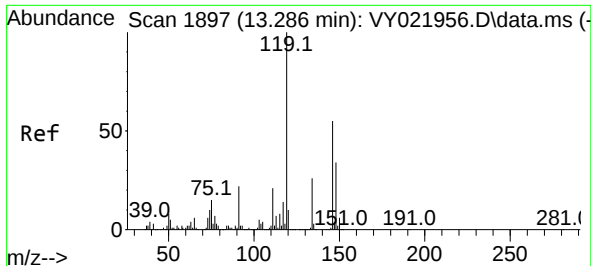
Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.779 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

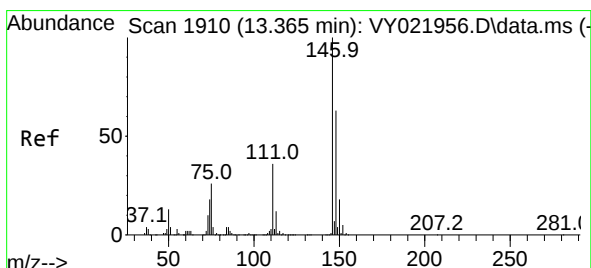
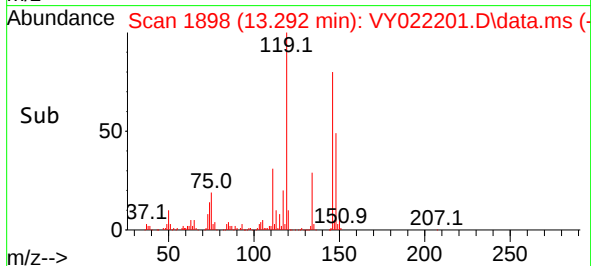
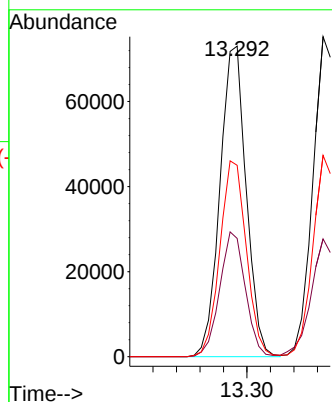
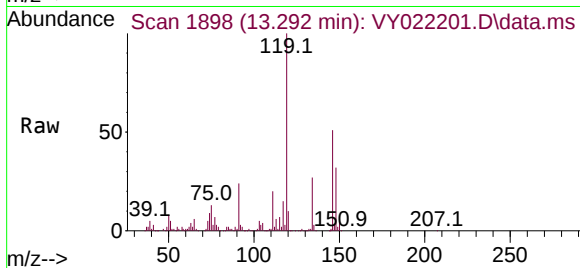
Tgt Ion:146 Resp: 113327

Ion Ratio Lower Upper

146 100

111 39.3 19.1 57.5

148 63.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.154 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

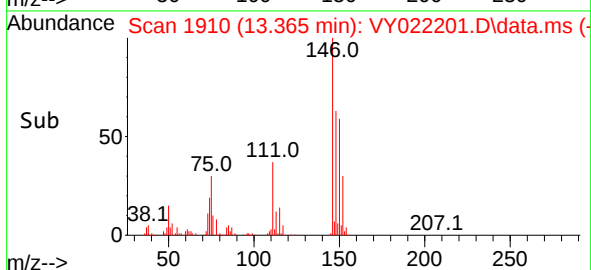
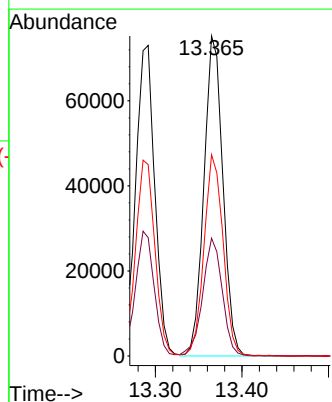
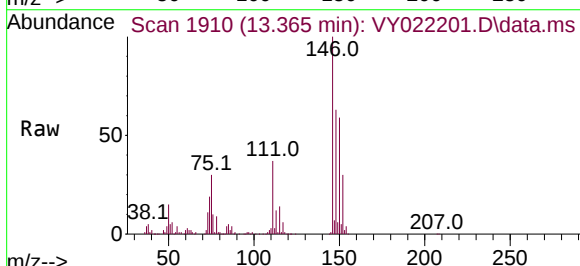
Tgt Ion:146 Resp: 114367

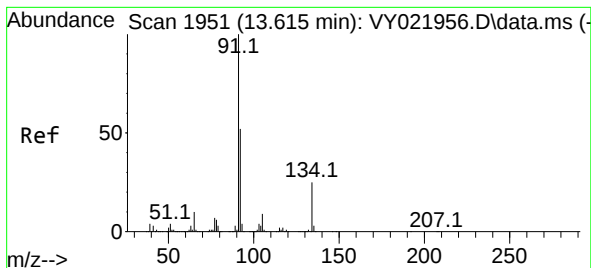
Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 19.352 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

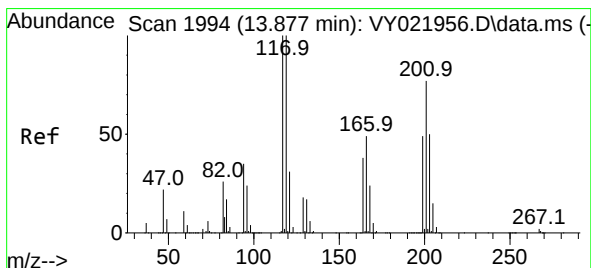
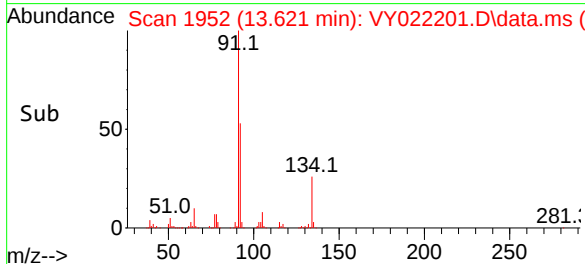
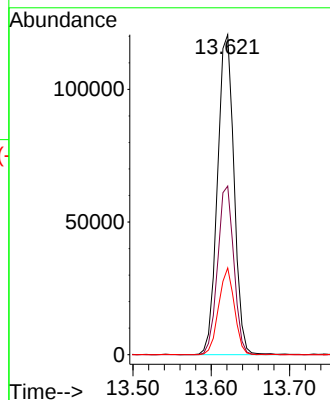
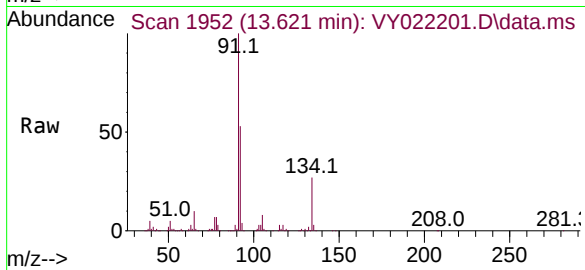
Tgt Ion: 91 Resp: 177317

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 25.8 13.4 40.1



#90

Hexachloroethane

Concen: 20.607 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022201.D

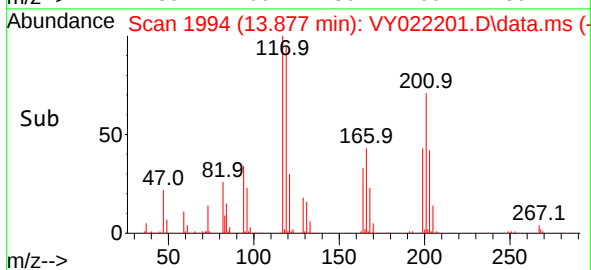
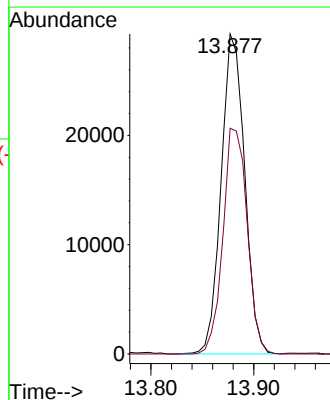
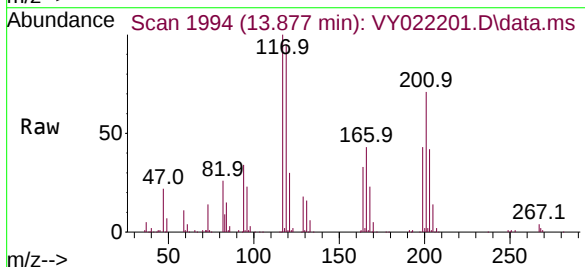
Acq: 08 May 2025 10:24

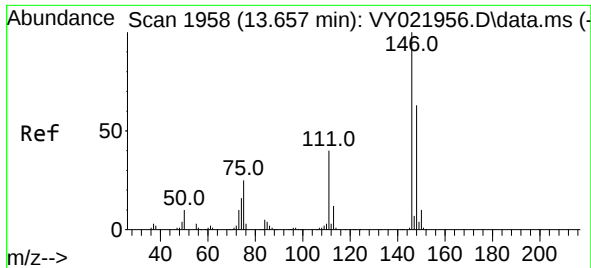
Tgt Ion: 117 Resp: 46413

Ion Ratio Lower Upper

117 100

201 72.9 38.7 116.1

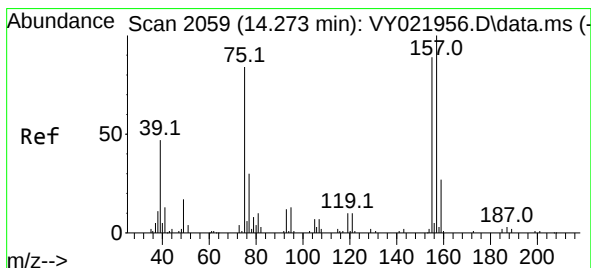
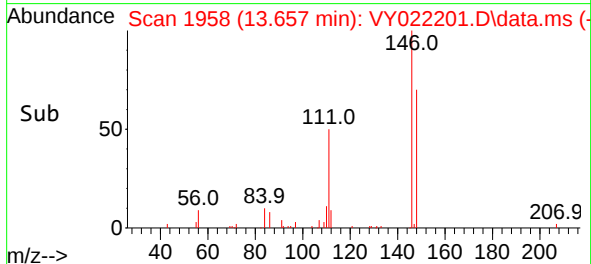
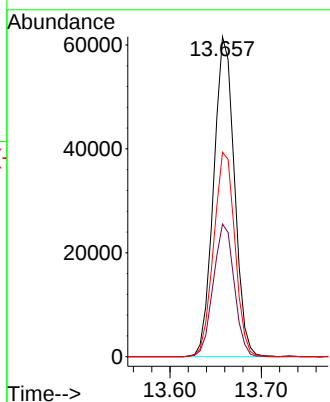
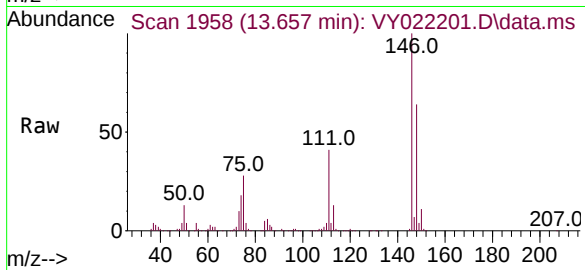




#91
1,2-Dichlorobenzene
Concen: 19.451 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

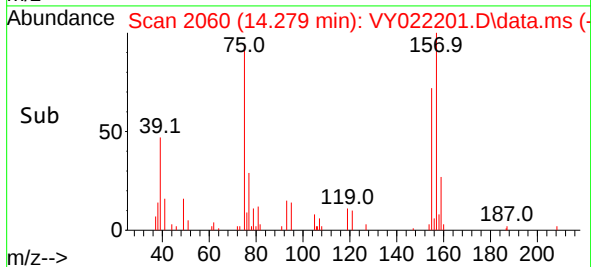
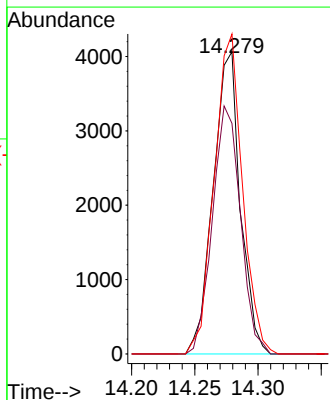
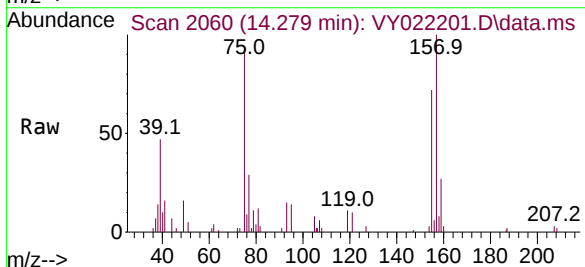
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion:146 Resp: 97208
Ion Ratio Lower Upper
146 100
111 41.8 19.7 59.1
148 65.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.269 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022201.D
Acq: 08 May 2025 10:24

Tgt Ion: 75 Resp: 6070
Ion Ratio Lower Upper
75 100
155 84.8 50.7 152.3
157 109.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.117 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

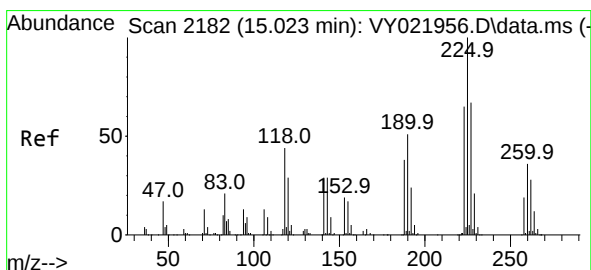
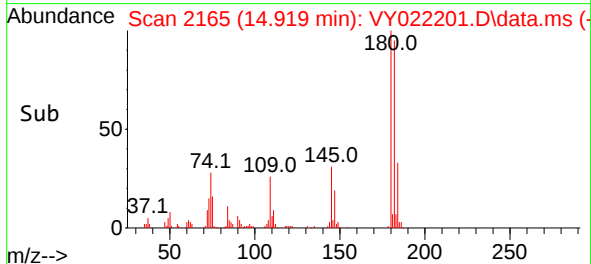
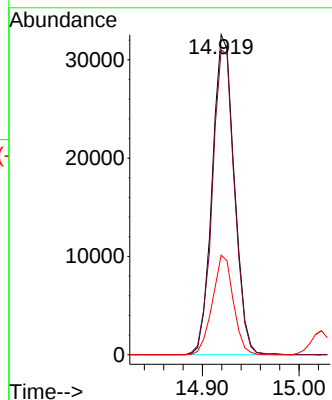
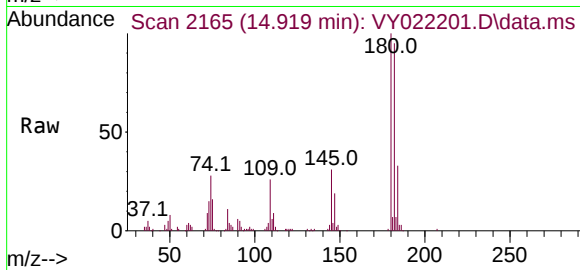
Tgt Ion:180 Resp: 51306

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.386 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

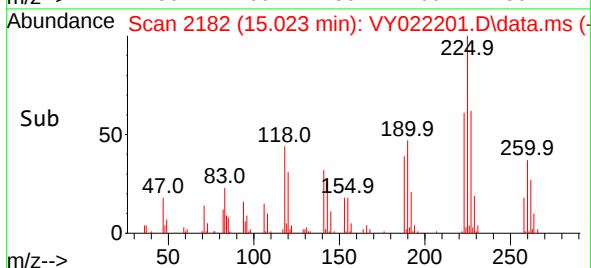
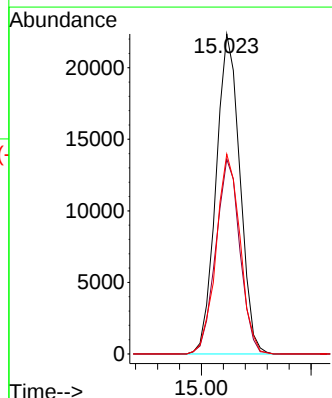
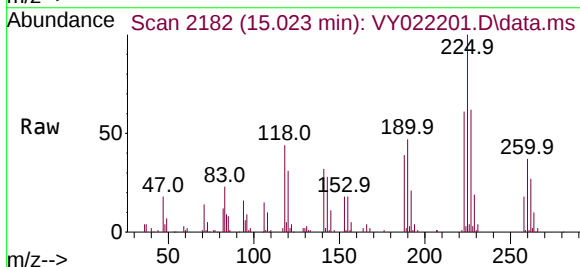
Tgt Ion:225 Resp: 33778

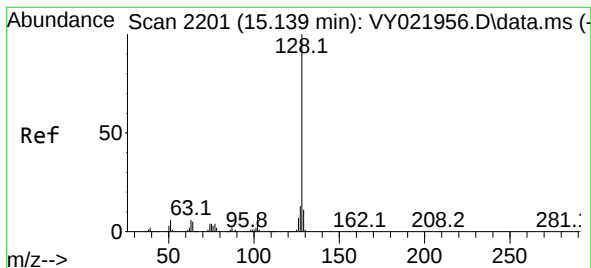
Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.5

227 62.8 32.3 96.9





#95

Naphthalene

Concen: 16.830 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

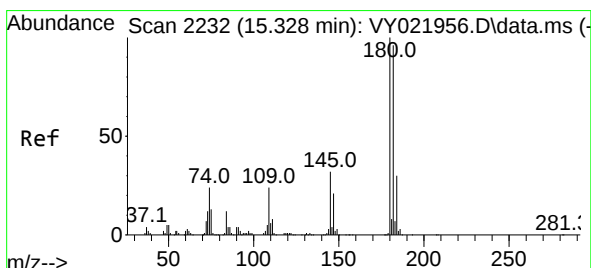
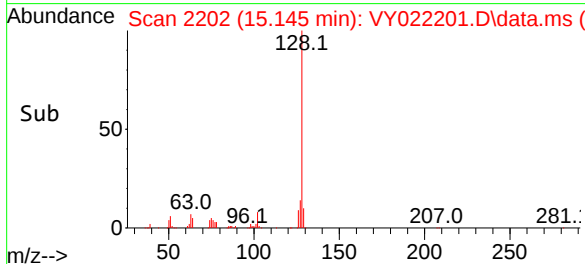
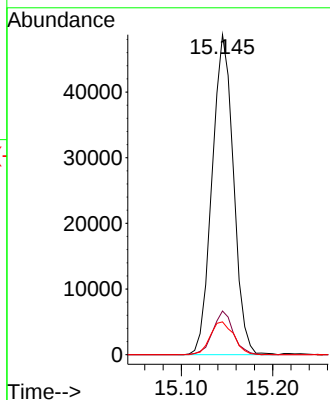
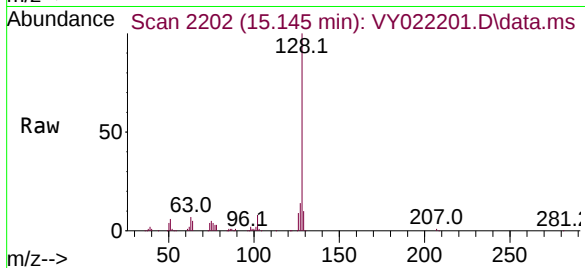
Tgt Ion:128 Resp: 79176

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.556 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022201.D

Acq: 08 May 2025 10:24

Tgt Ion:180 Resp: 45360

Ion Ratio Lower Upper

180 100

182 92.3 48.1 144.4

145 31.2 16.0 48.0

