

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022173.D
 Acq On : 06 May 2025 10:39
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Quant Time: May 07 04:32:29 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	213818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	337521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	309806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103584	52.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.900%	
35) Dibromofluoromethane	7.634	113	113562	50.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.860%	
50) Toluene-d8	10.109	98	439490	52.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.408	95	145521	51.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38293	21.018	ug/l	98
3) Chloromethane	2.068	50	59295	22.856	ug/l	93
4) Vinyl Chloride	2.202	62	73052	22.915	ug/l	99
5) Bromomethane	2.592	94	62671	22.818	ug/l	99
6) Chloroethane	2.732	64	50688	23.346	ug/l	99
7) Trichlorofluoromethane	3.056	101	93122	22.152	ug/l	95
8) Diethyl Ether	3.452	74	23377	21.365	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	51875	22.748	ug/l	98
10) Methyl Iodide	4.000	142	54448	20.622	ug/l	99
11) Tert butyl alcohol	4.866	59	11443	105.538	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	47640	22.413	ug/l	94
13) Acrolein	3.659	56	11761	60.436	ug/l	96
14) Allyl chloride	4.385	41	53943	21.795	ug/l	99
15) Acrylonitrile	5.067	53	42549	106.224	ug/l	98
16) Acetone	3.872	43	33551	118.555	ug/l	97
17) Carbon Disulfide	4.104	76	145807	21.514	ug/l	99
18) Methyl Acetate	4.391	43	21383	23.178	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	97755	20.548	ug/l	100
20) Methylene Chloride	4.622	84	57361	22.969	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	52229	21.940	ug/l	100
22) Diisopropyl ether	6.018	45	128039	23.247	ug/l	96
23) Vinyl Acetate	5.964	43	323306	108.917	ug/l	99
24) 1,1-Dichloroethane	5.921	63	87733	22.980	ug/l	98
25) 2-Butanone	6.896	43	47894	106.386	ug/l	99
26) 2,2-Dichloropropane	6.884	77	77981	23.304	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	56796	21.338	ug/l	95
28) Bromochloromethane	7.244	49	33115	22.331	ug/l	95
29) Tetrahydrofuran	7.262	42	31185	106.655	ug/l	96
30) Chloroform	7.421	83	94932	22.417	ug/l	97
31) Cyclohexane	7.701	56	71878	22.016	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	85914	22.424	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65922	22.009	ug/l	100
37) Ethyl Acetate	6.982	43	24266	22.557	ug/l #	95
38) Carbon Tetrachloride	7.823	117	79268	22.147	ug/l	98
39) Methylcyclohexane	9.109	83	79599	21.117	ug/l	96
40) Benzene	8.079	78	209487	22.374	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	10536	17.916	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	51293	22.126	ug/l	99
43) Isopropyl Acetate	8.195	43	42868	20.750	ug/l	98
44) Trichloroethene	8.865	130	55277	21.314	ug/l	91
45) 1,2-Dichloropropane	9.140	63	46640	22.525	ug/l	95
46) Dibromomethane	9.231	93	28425	21.930	ug/l	96
47) Bromodichloromethane	9.420	83	71264	22.008	ug/l	97
48) Methyl methacrylate	9.225	41	20714	21.689	ug/l	98
49) 1,4-Dioxane	9.237	88	4925	356.492	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	115249	106.419	ug/l	96
52) Toluene	10.170	92	135554	22.366	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	58334	21.003	ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	72444	21.942	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	38553	22.267	ug/l	97
56) Ethyl methacrylate	10.438	69	38160	19.273	ug/l	98
57) 1,3-Dichloropropane	10.719	76	59971	21.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	97700	100.923	ug/l	99
59) 2-Hexanone	10.761	43	73896	103.451	ug/l	95
60) Dibromochloromethane	10.908	129	51245	21.378	ug/l	97
61) 1,2-Dibromoethane	11.018	107	34104	20.864	ug/l	99
64) Tetrachloroethene	10.646	164	64106	21.935	ug/l	97
65) Chlorobenzene	11.444	112	149602	21.594	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	52158	21.384	ug/l	97
67) Ethyl Benzene	11.517	91	242528	21.400	ug/l	100
68) m/p-Xylenes	11.633	106	197964	43.897	ug/l	100
69) o-Xylene	11.956	106	87844	21.134	ug/l	98
70) Styrene	11.969	104	149510	21.423	ug/l	98
71) Bromoform	12.133	173	30197	21.295	ug/l #	97
73) Isopropylbenzene	12.255	105	233598	20.957	ug/l	100
74) N-amyl acetate	12.072	43	38297	19.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39680	21.115	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	51956	36.357	ug/l #	100
77) Bromobenzene	12.529	156	58639	20.820	ug/l	96
78) n-propylbenzene	12.597	91	284417	21.426	ug/l	99
79) 2-Chlorotoluene	12.682	91	166314	21.544	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	196259	21.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	12061	20.325	ug/l	96
82) 4-Chlorotoluene	12.779	91	176577	22.004	ug/l	99
83) tert-Butylbenzene	12.999	119	170956	20.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	199708	21.740	ug/l	98
85) sec-Butylbenzene	13.176	105	260374	21.603	ug/l	99
86) p-Isopropyltoluene	13.291	119	217790	21.280	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	122359	21.390	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	119833	21.151	ug/l	99
89) n-Butylbenzene	13.621	91	194343	21.244	ug/l	98
90) Hexachloroethane	13.877	117	48419	21.533	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	105734	21.192	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6053	20.245	ug/l	83
93) 1,2,4-Trichlorobenzene	14.925	180	55492	19.627	ug/l	99
94) Hexachlorobutadiene	15.023	225	37712	21.679	ug/l	96
95) Naphthalene	15.145	128	83127	17.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	48660	19.938	ug/l	96

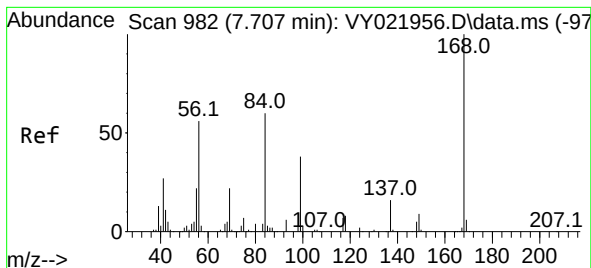
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

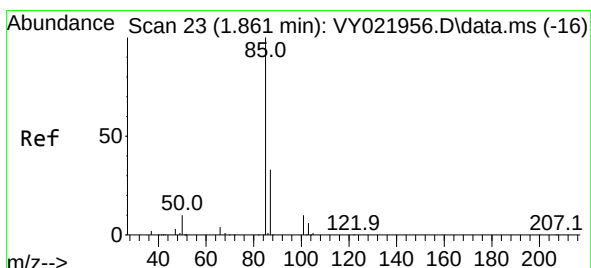
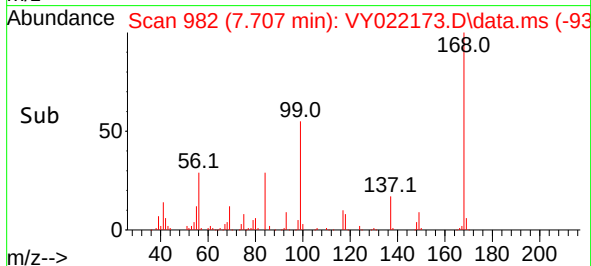
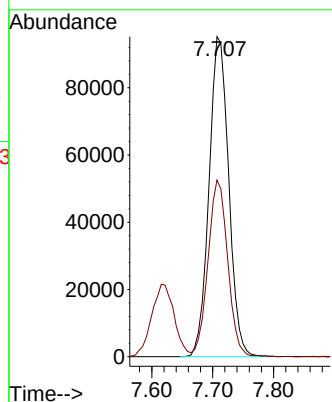
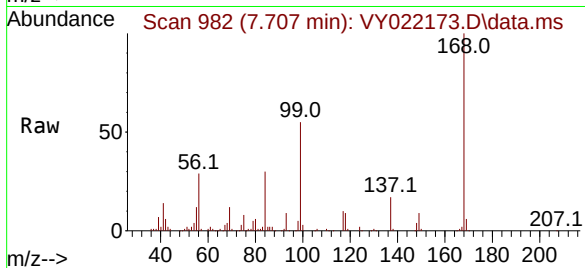
VY0506SBS01

Tgt Ion:168 Resp: 213818

Ion Ratio Lower Upper

168 100

99 55.2 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 21.018 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022173.D

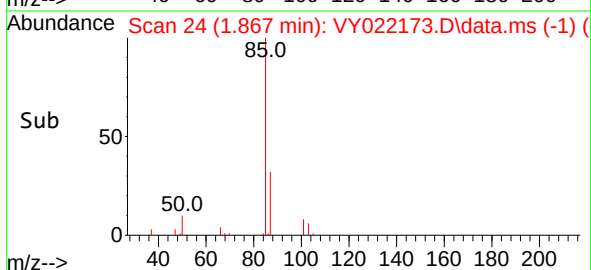
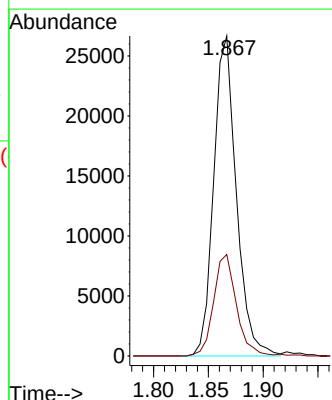
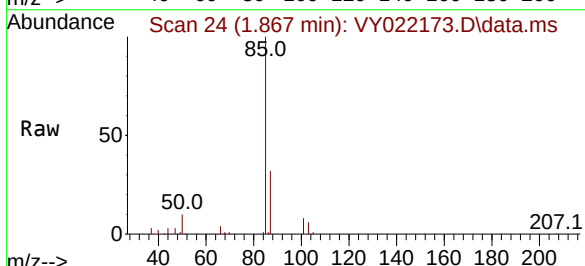
Acq: 06 May 2025 10:39

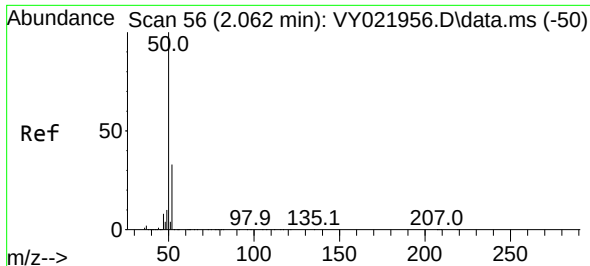
Tgt Ion: 85 Resp: 38293

Ion Ratio Lower Upper

85 100

87 31.7 16.6 49.7

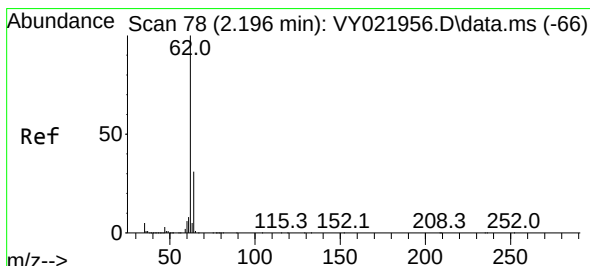
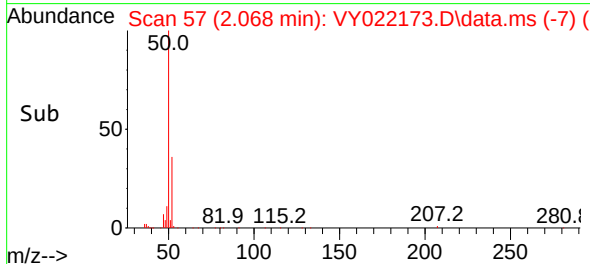
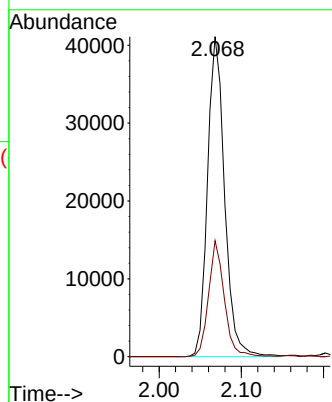
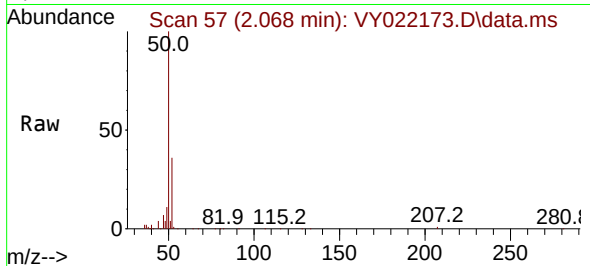




#3
Chloromethane
Concen: 22.856 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

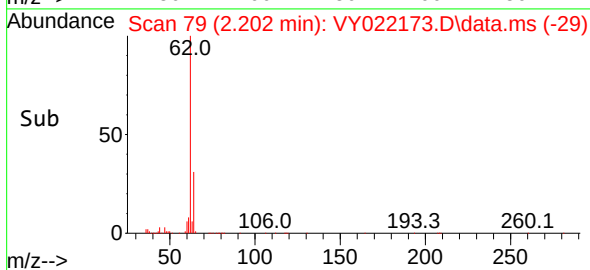
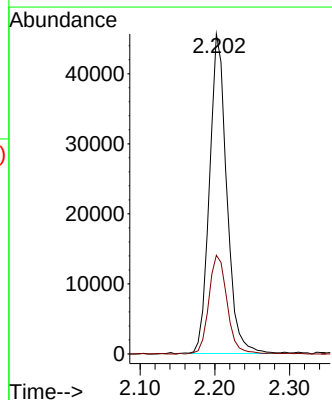
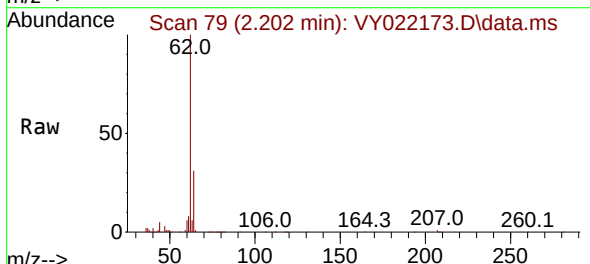
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

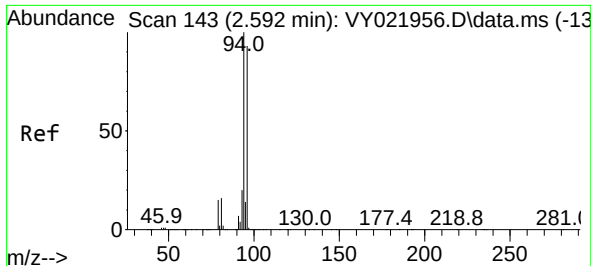
Tgt Ion: 50 Resp: 59295
Ion Ratio Lower Upper
50 100
52 36.3 26.1 39.1



#4
Vinyl Chloride
Concen: 22.915 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 62 Resp: 73052
Ion Ratio Lower Upper
62 100
64 30.7 25.1 37.7

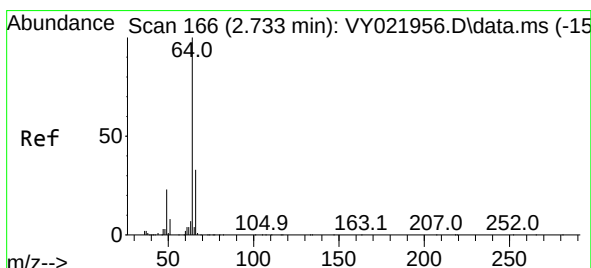
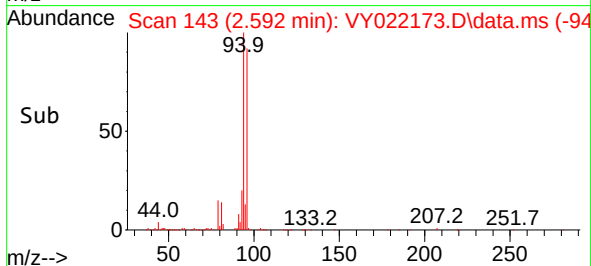
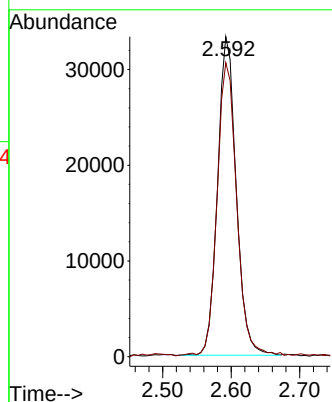
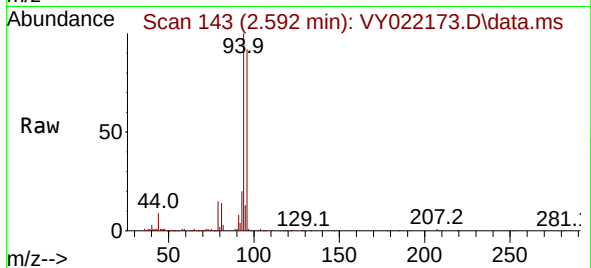




#5
Bromomethane
Concen: 22.818 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

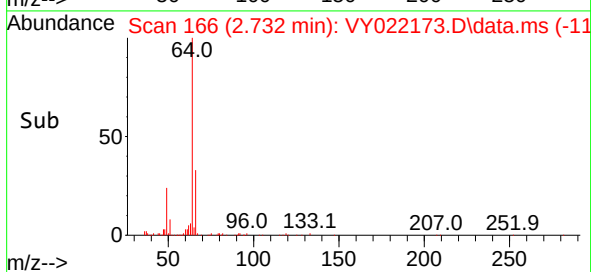
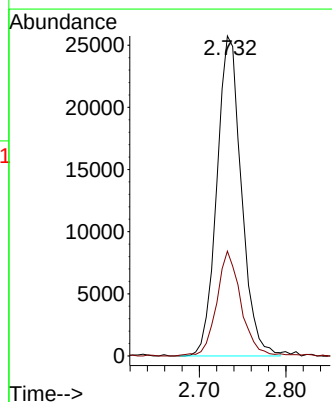
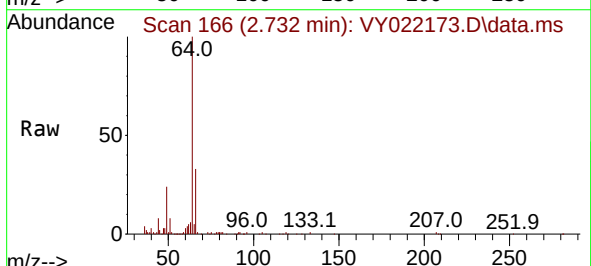
Instrument :
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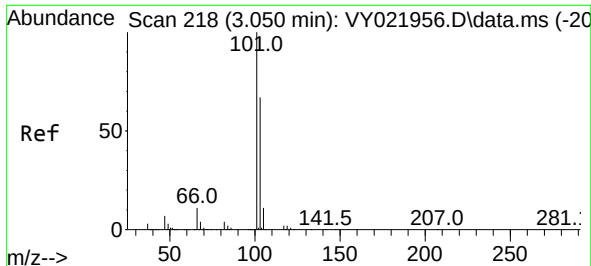
Tgt Ion: 94 Resp: 62671
Ion Ratio Lower Upper
94 100
96 91.8 74.6 111.8



#6
Chloroethane
Concen: 23.346 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 64 Resp: 50688
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

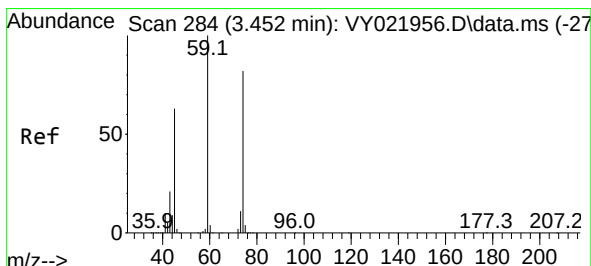
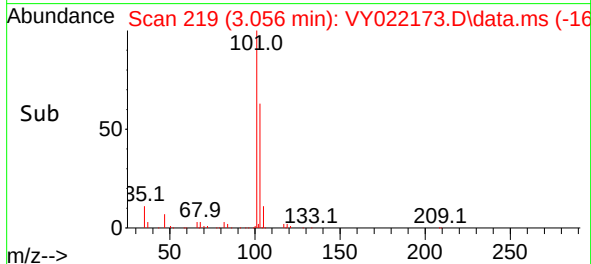
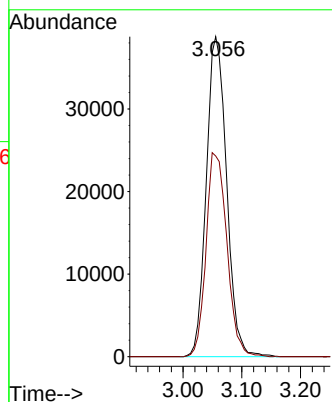
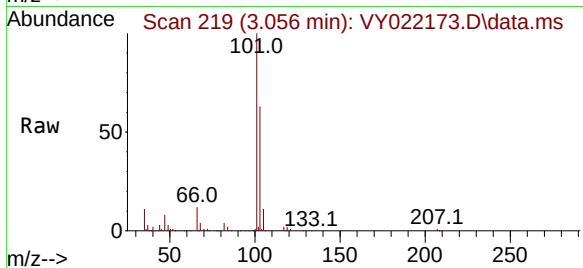




#7
 Trichlorofluoromethane
 Concen: 22.152 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

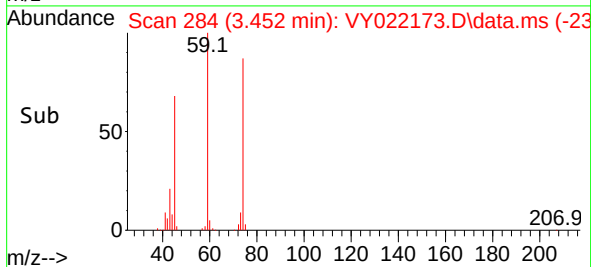
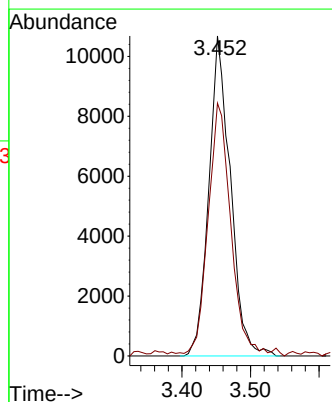
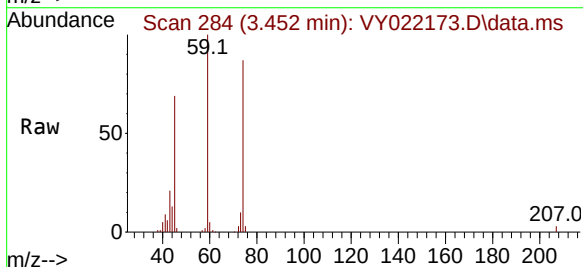
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 ClientSampleId :
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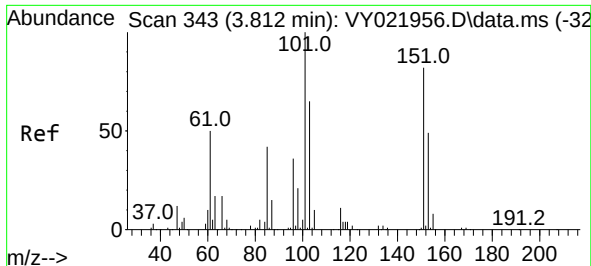
Tgt Ion:101 Resp: 93122
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.6 80.4



#8
 Diethyl Ether
 Concen: 21.365 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 74 Resp: 23377
 Ion Ratio Lower Upper
 74 100
 45 80.5 39.1 117.5

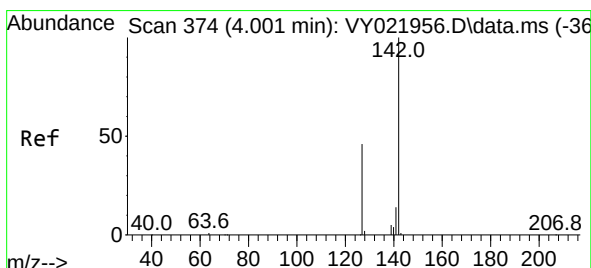
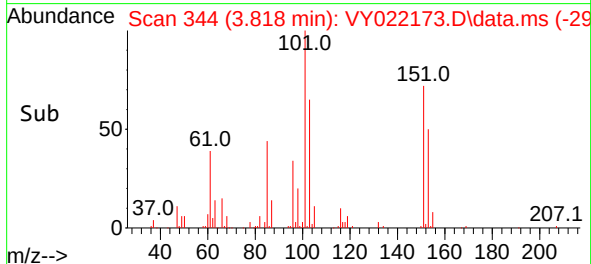
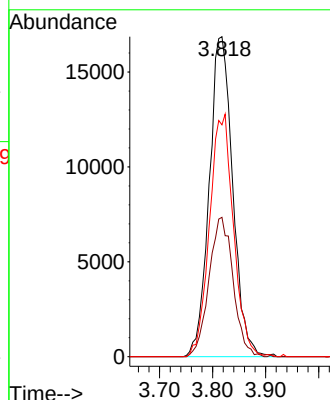
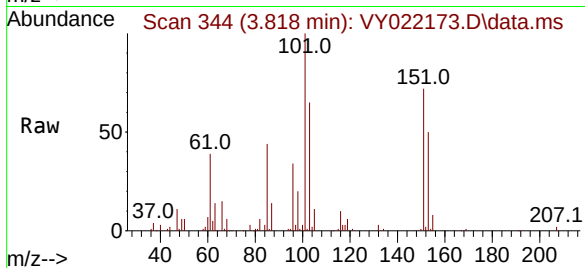




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.748 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022173.D
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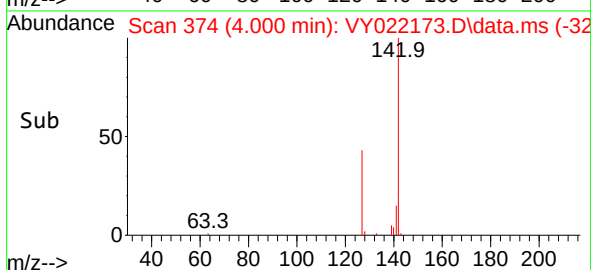
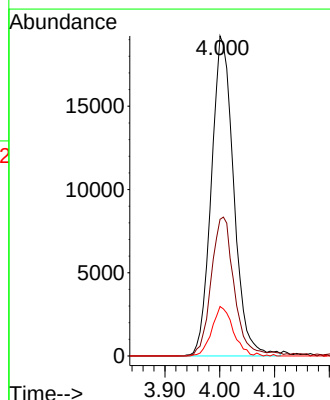
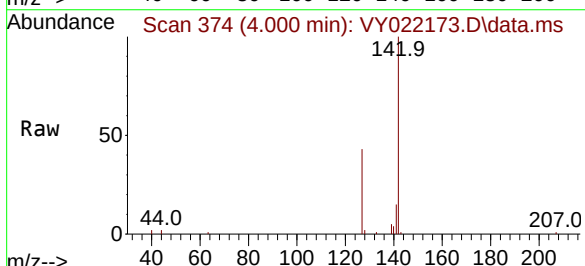
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

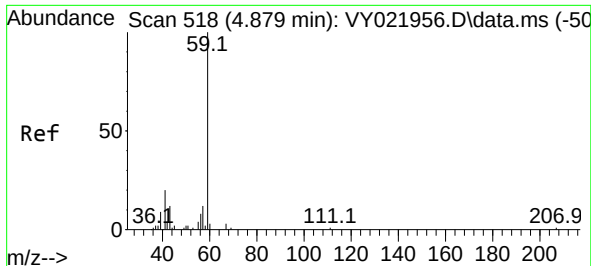
Tgt Ion:101 Resp: 51875
Ion Ratio Lower Upper
101 100
85 44.6 34.6 51.8
151 77.5 63.7 95.5



#10
Methyl Iodide
Concen: 20.622 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:142 Resp: 54448
Ion Ratio Lower Upper
142 100
127 44.3 36.2 54.2
141 14.6 11.7 17.5

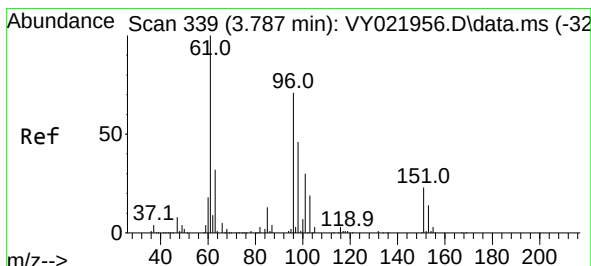
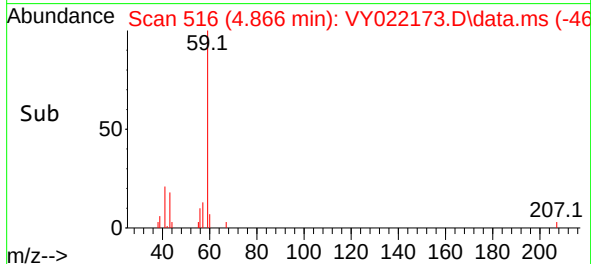
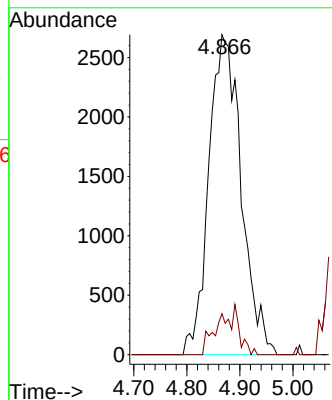
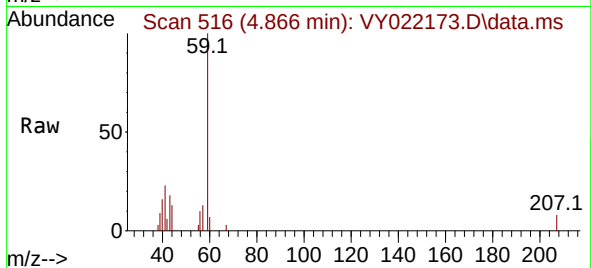




#11
Tert butyl alcohol
Concen: 105.538 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

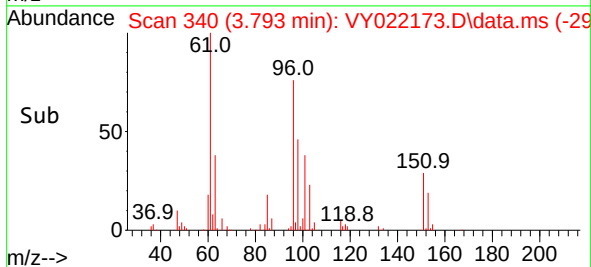
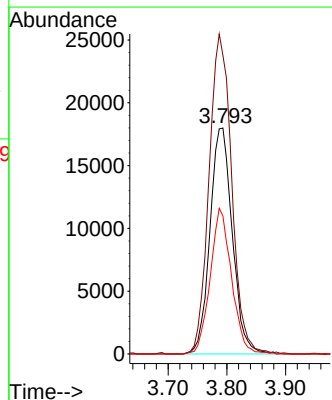
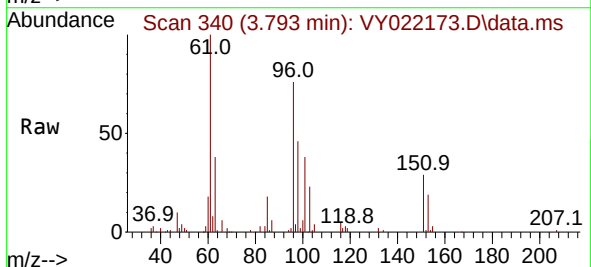
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

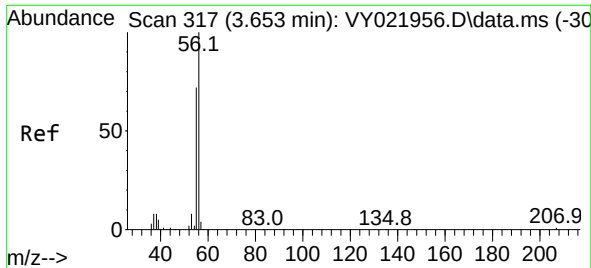
Tgt Ion: 59 Resp: 11443
Ion Ratio Lower Upper
59 100
57 6.7 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 22.413 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 96 Resp: 47640
Ion Ratio Lower Upper
96 100
61 132.1 113.0 169.4
98 61.0 51.4 77.2





#13

Acrolein

Concen: 60.436 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

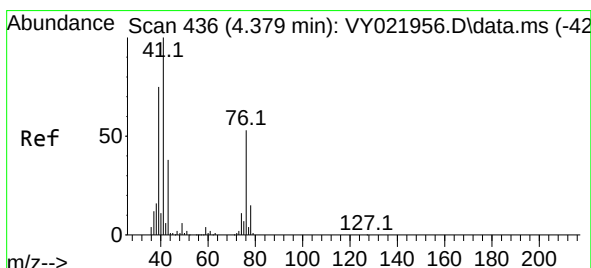
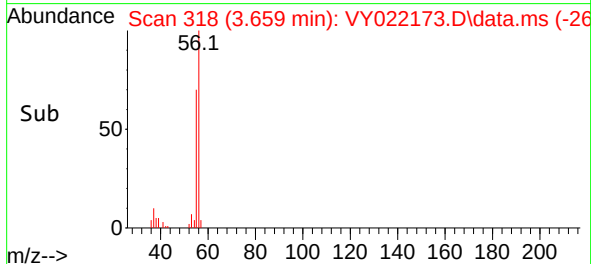
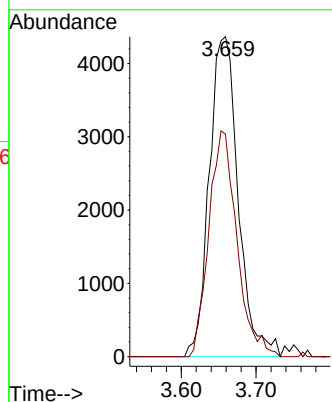
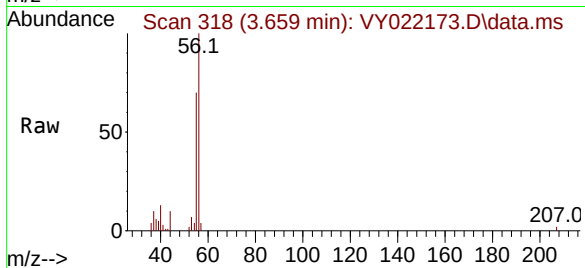
VY0506SBS01

Tgt Ion: 56 Resp: 11761

Ion Ratio Lower Upper

56 100

55 68.4 57.4 86.0



#14

Allyl chloride

Concen: 21.795 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

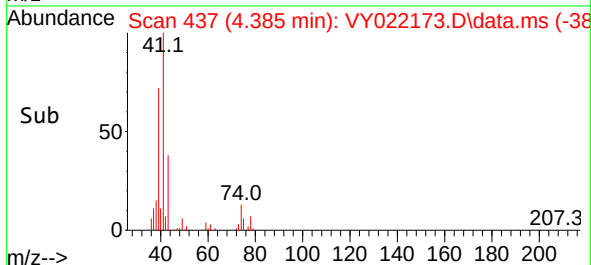
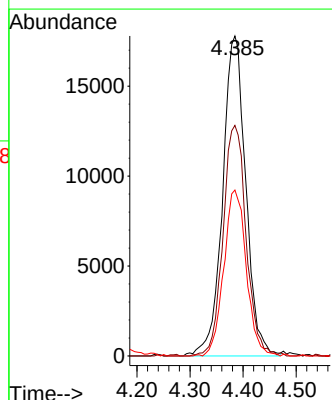
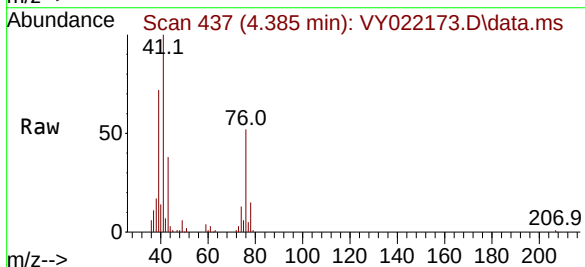
Tgt Ion: 41 Resp: 53943

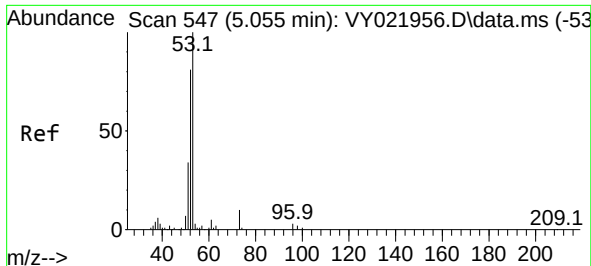
Ion Ratio Lower Upper

41 100

39 71.9 57.2 85.8

76 50.4 39.7 59.5

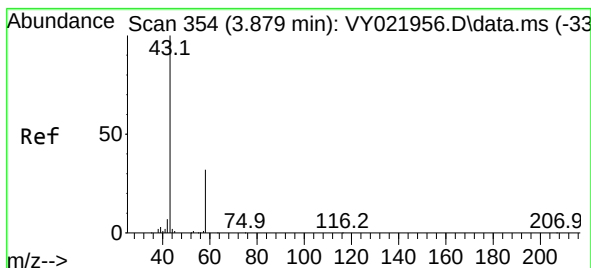
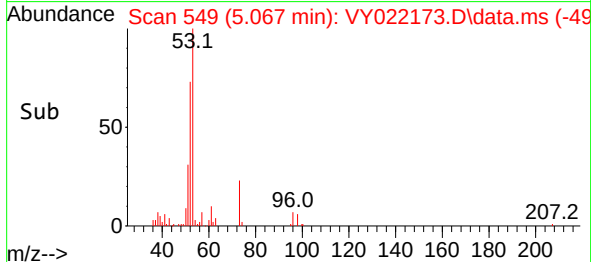
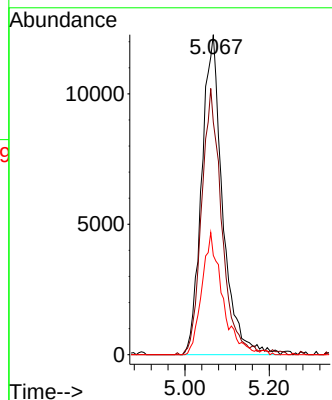
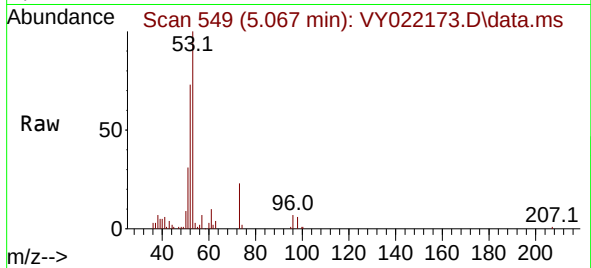




#15
Acrylonitrile
Concen: 106.224 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

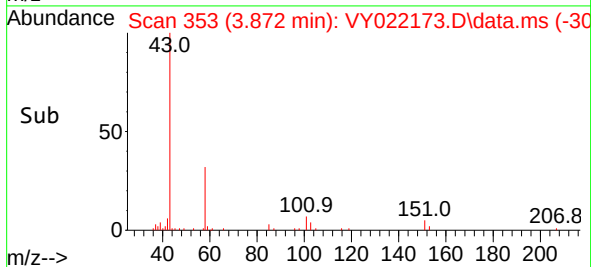
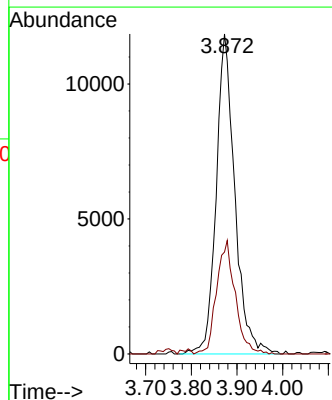
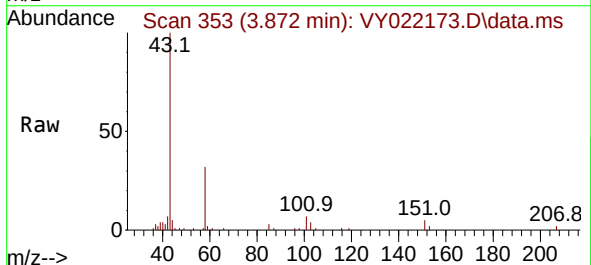
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

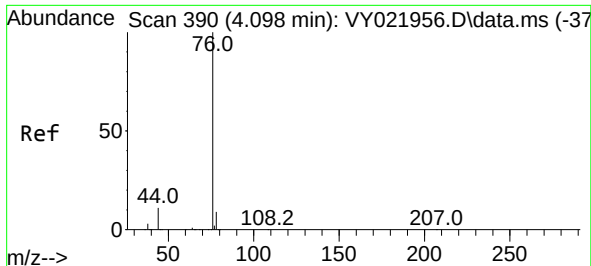
Tgt Ion: 53 Resp: 42549
Ion Ratio Lower Upper
53 100
52 79.4 65.0 97.6
51 37.4 28.9 43.3



#16
Acetone
Concen: 118.555 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 43 Resp: 33551
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.4

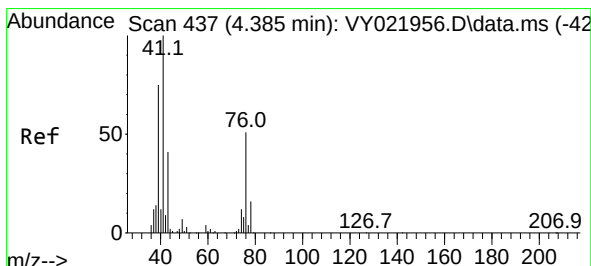
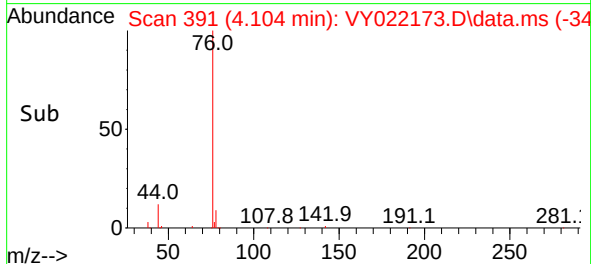
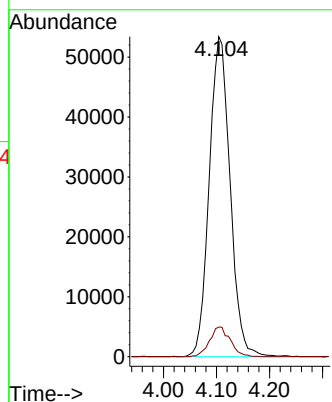
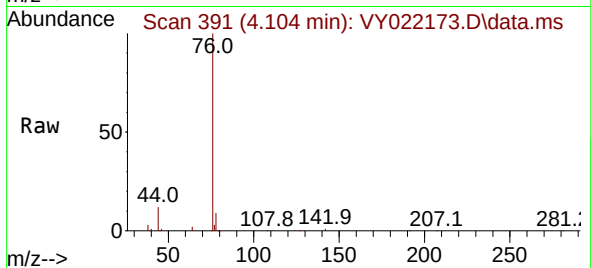




#17
Carbon Disulfide
Concen: 21.514 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

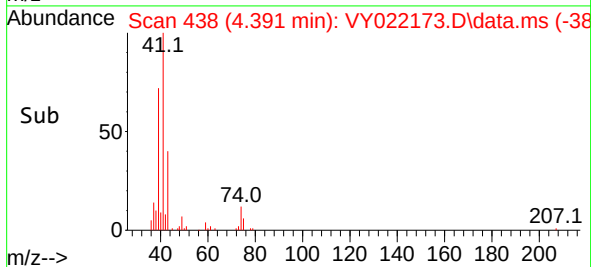
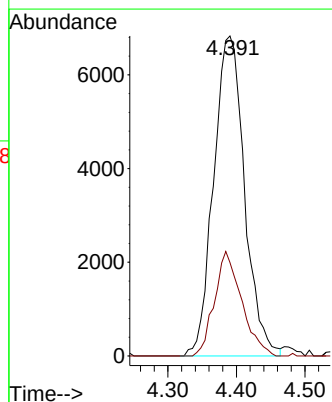
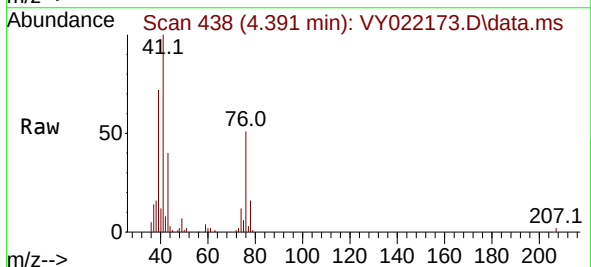
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

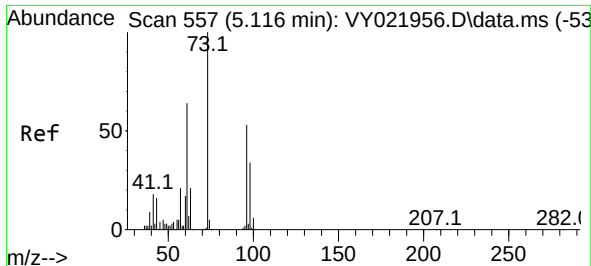
Tgt Ion: 76 Resp: 145807
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 23.178 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 43 Resp: 21383
Ion Ratio Lower Upper
43 100
74 28.7 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.548 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

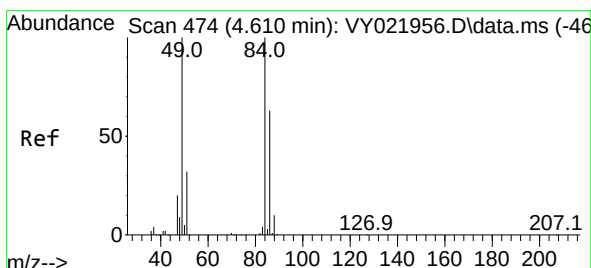
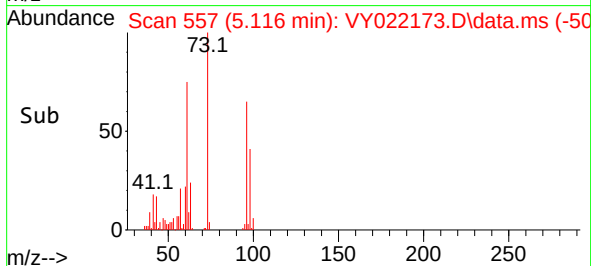
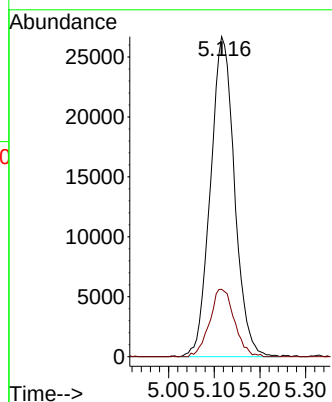
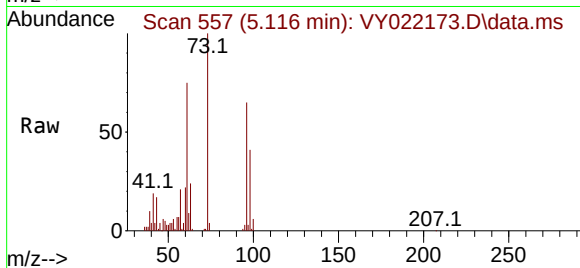
VY0506SBS01

Tgt Ion: 73 Resp: 97755

Ion Ratio Lower Upper

73 100

57 21.0 16.9 25.3



#20

Methylene Chloride

Concen: 22.969 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Tgt Ion: 84 Resp: 57361

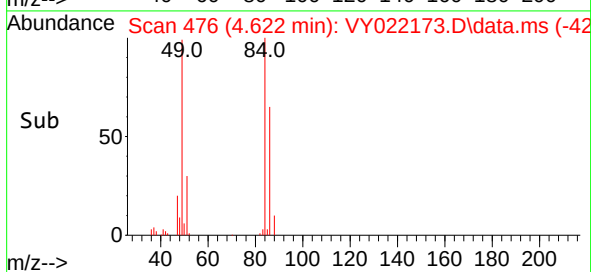
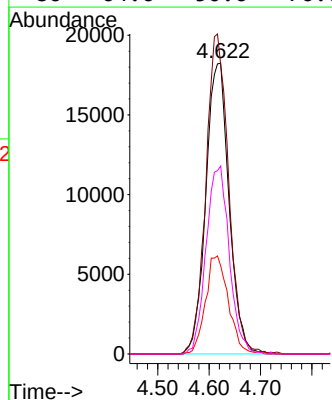
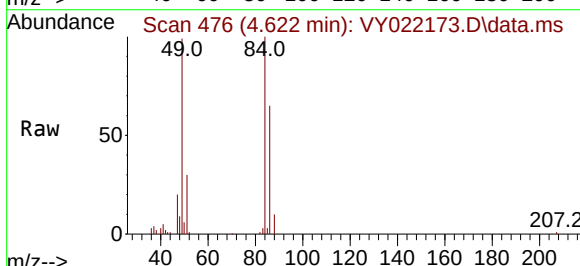
Ion Ratio Lower Upper

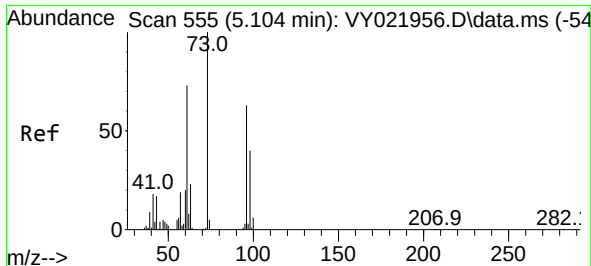
84 100

49 99.4 79.9 119.9

51 30.3 25.4 38.0

86 64.6 50.6 76.0

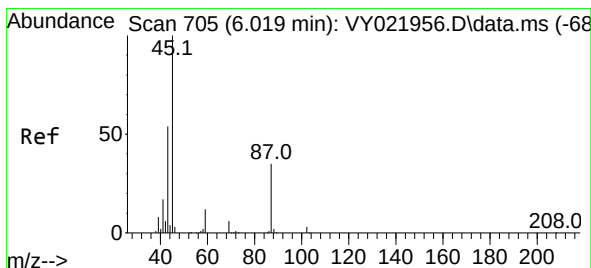
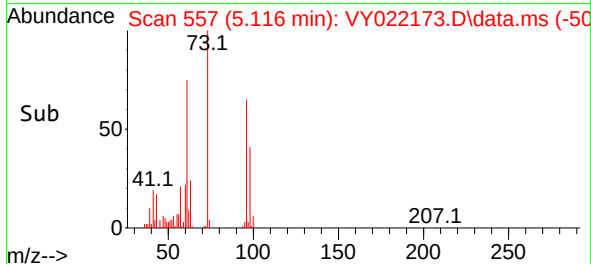
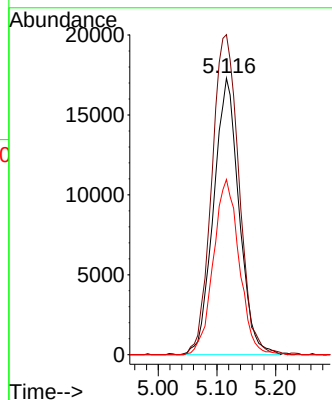
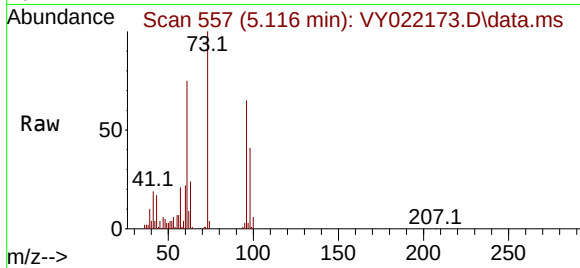




#21
trans-1,2-Dichloroethene
Concen: 21.940 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

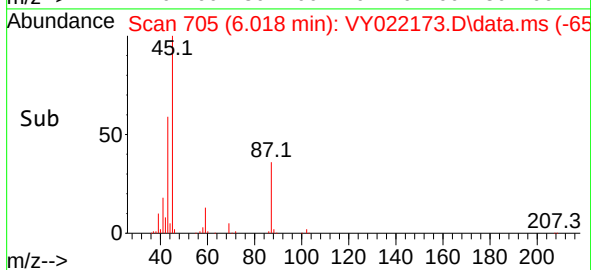
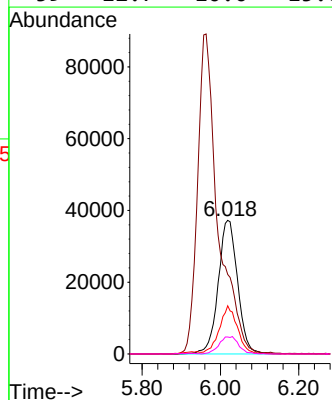
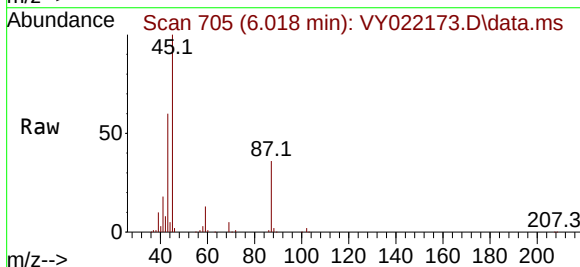
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

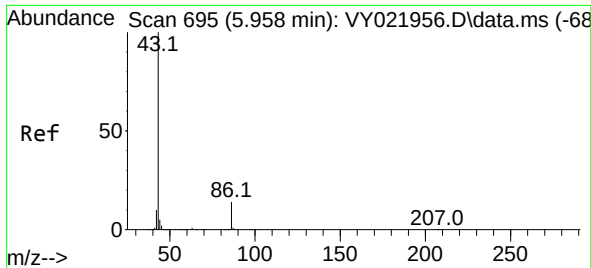
Tgt Ion: 96 Resp: 52229
Ion Ratio Lower Upper
96 100
61 115.7 92.6 138.8
98 63.4 50.2 75.4



#22
Diisopropyl ether
Concen: 23.247 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 45 Resp: 128039
Ion Ratio Lower Upper
45 100
43 59.0 43.6 65.4
87 36.0 28.2 42.4
59 12.7 10.0 15.0

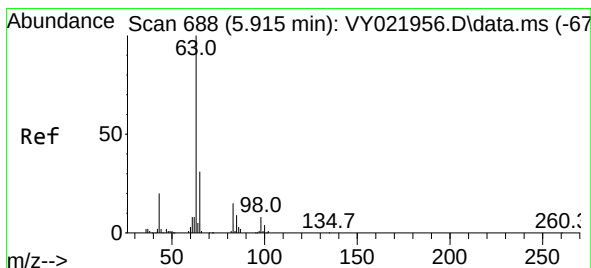
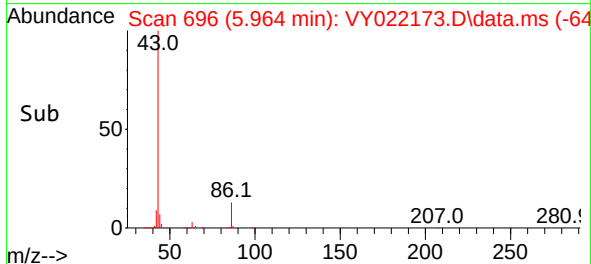
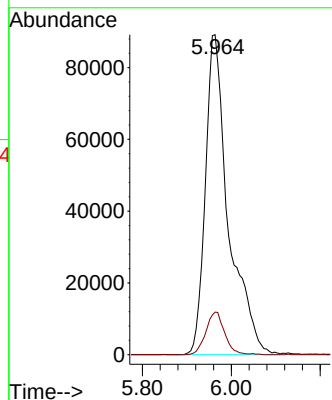
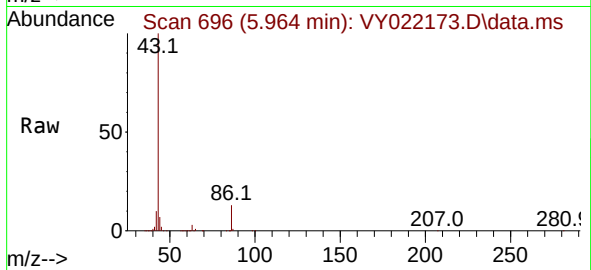




#23
 Vinyl Acetate
 Concen: 108.917 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

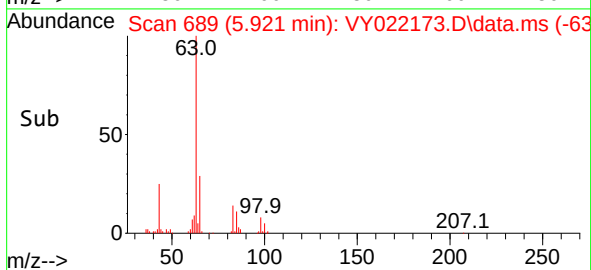
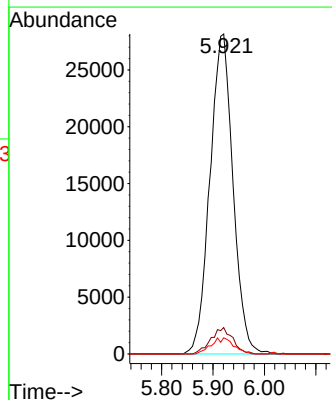
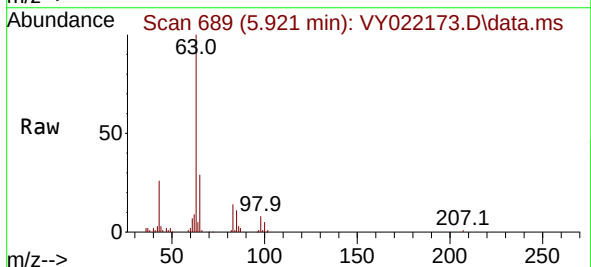
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

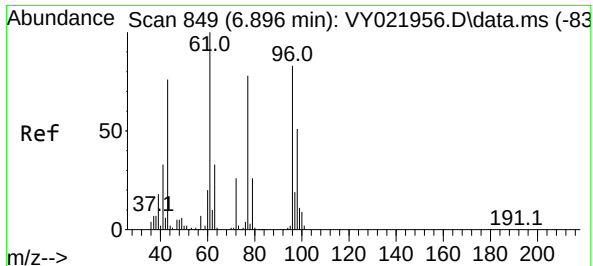
Tgt Ion: 43 Resp: 323306
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 22.980 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 63 Resp: 87733
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 11.9
 100 5.1 2.0 6.0

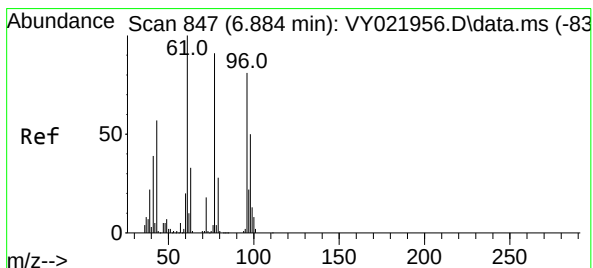
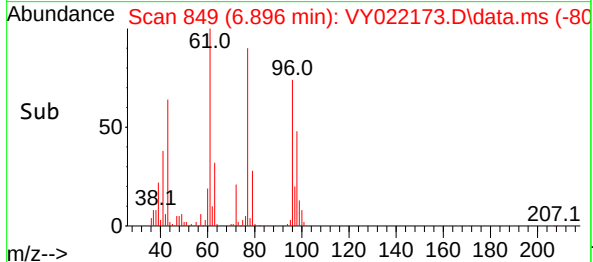
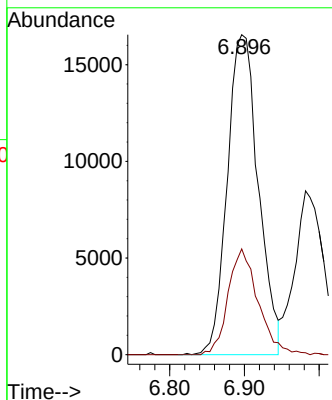
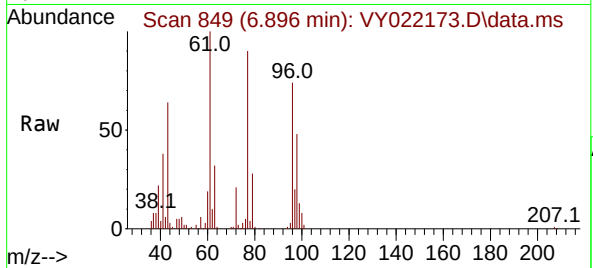




#25
2-Butanone
Concen: 106.386 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

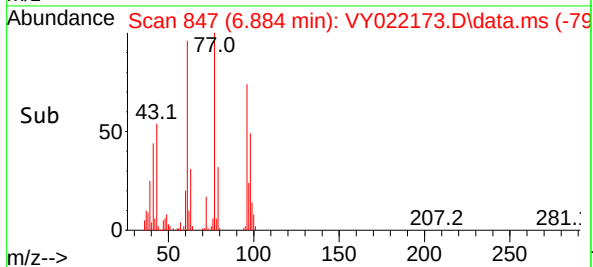
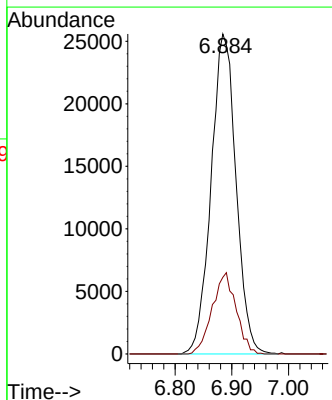
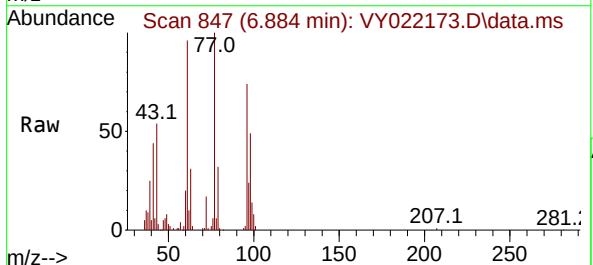
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

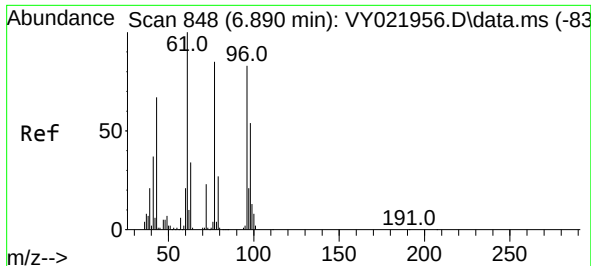
Tgt Ion: 43 Resp: 47894
Ion Ratio Lower Upper
43 100
72 33.1 27.0 40.4



#26
2,2-Dichloropropane
Concen: 23.304 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 77 Resp: 77981
Ion Ratio Lower Upper
77 100
97 24.4 12.4 37.4

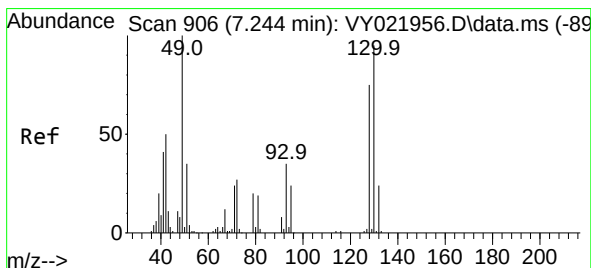
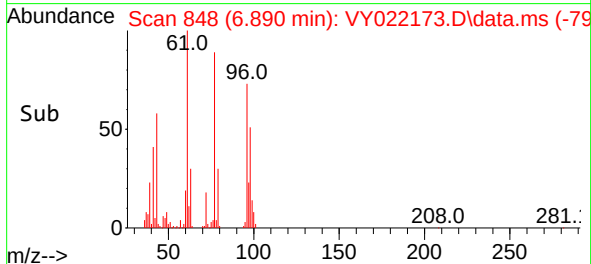
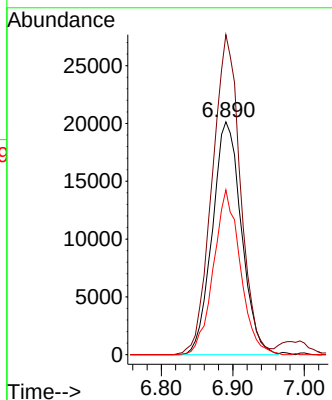
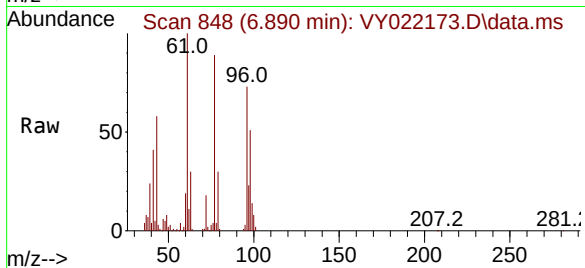




#27
 cis-1,2-Dichloroethene
 Concen: 21.338 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

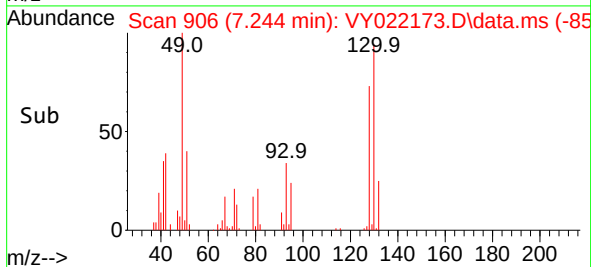
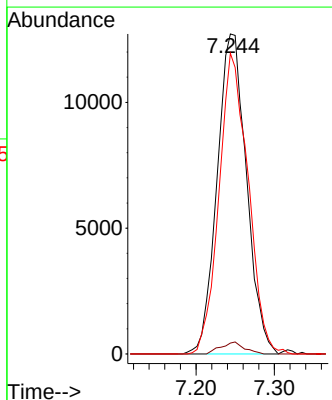
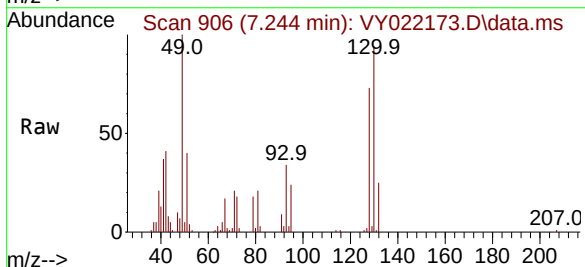
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

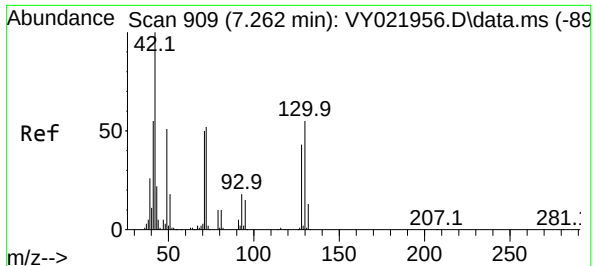
Tgt Ion: 96 Resp: 56796
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 251.4
 98 65.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 22.331 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 49 Resp: 33115
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 93.2 78.2 117.4





#29

Tetrahydrofuran

Concen: 106.655 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

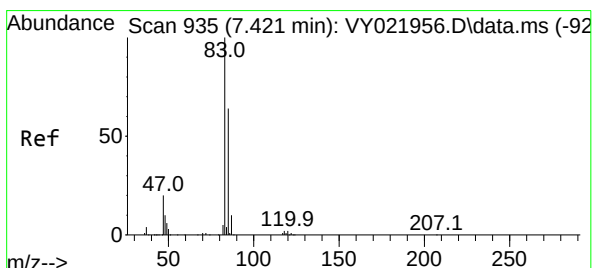
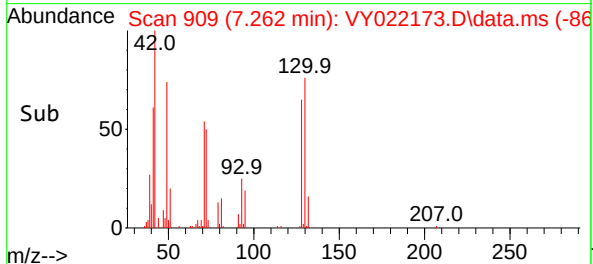
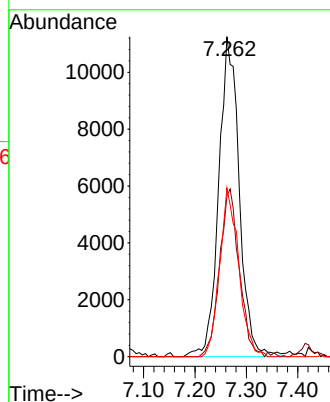
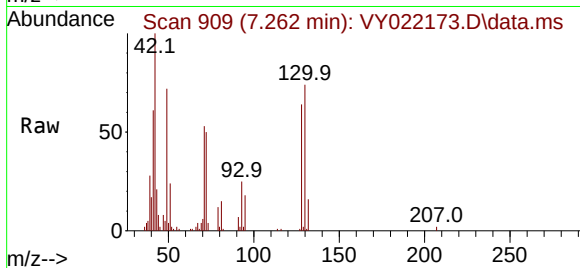
Tgt Ion: 42 Resp: 31185

Ion Ratio Lower Upper

42 100

72 49.9 42.6 63.8

71 49.1 40.6 61.0



#30

Chloroform

Concen: 22.417 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022173.D

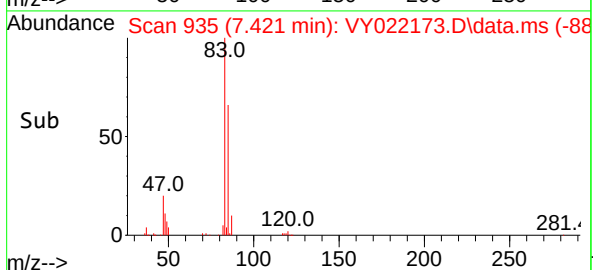
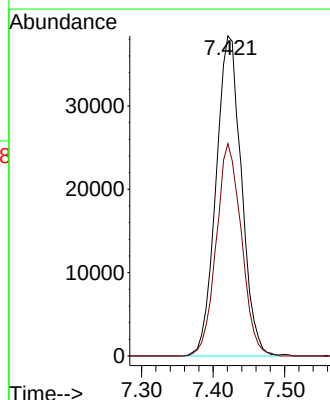
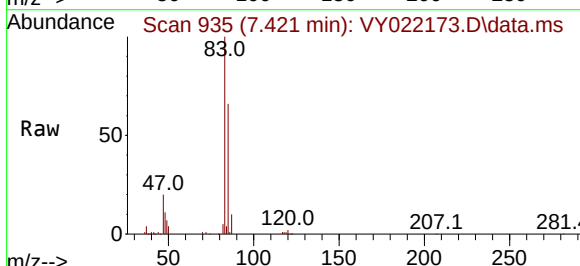
Acq: 06 May 2025 10:39

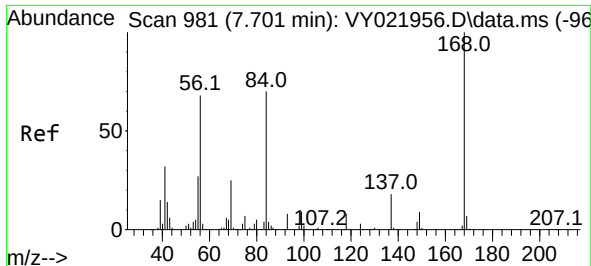
Tgt Ion: 83 Resp: 94932

Ion Ratio Lower Upper

83 100

85 66.4 51.3 76.9

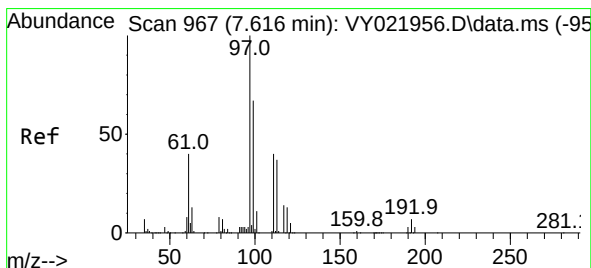
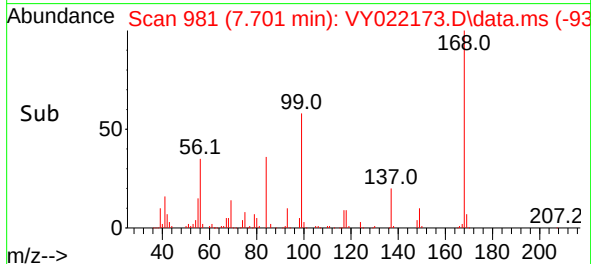
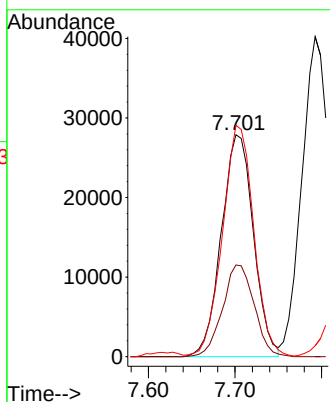
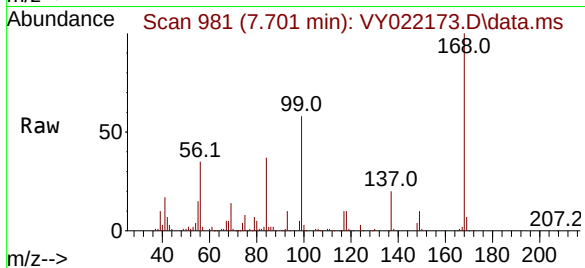




#31
Cyclohexane
Concen: 22.016 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

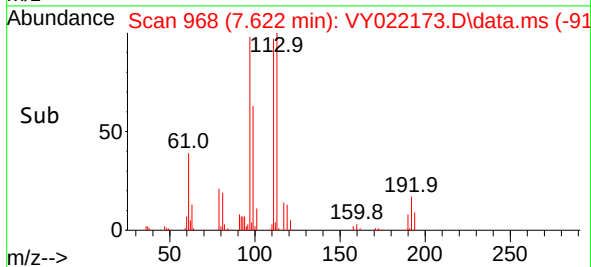
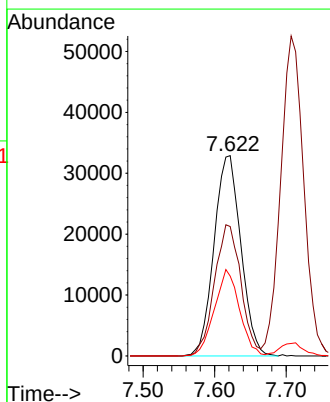
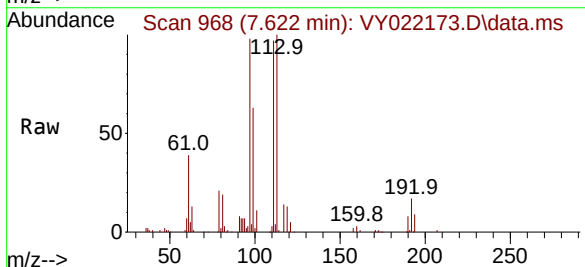
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

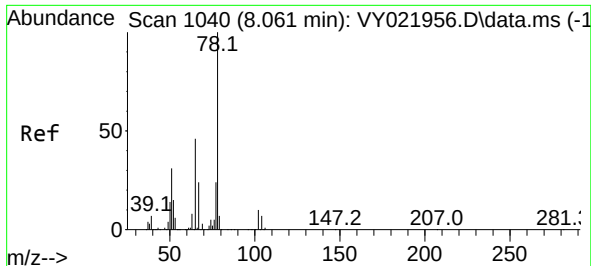
Tgt Ion: 56 Resp: 71878
Ion Ratio Lower Upper
56 100
69 41.3 29.4 44.2
84 102.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 22.424 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 97 Resp: 85914
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 52.448 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

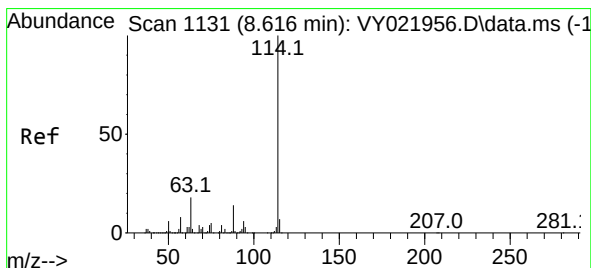
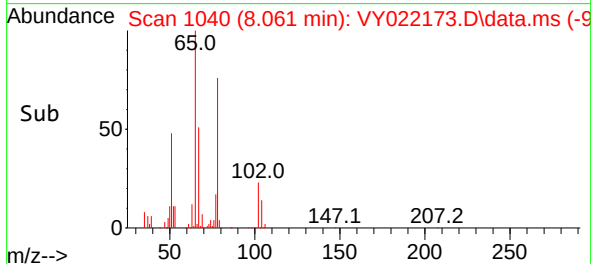
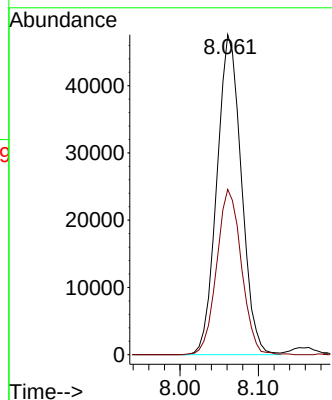
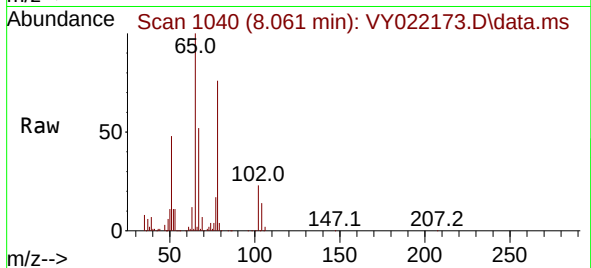
VY0506SBS01

Tgt Ion: 65 Resp: 103584

Ion Ratio Lower Upper

65 100

67 52.1 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: VY022173.D

Acq: 06 May 2025 10:39

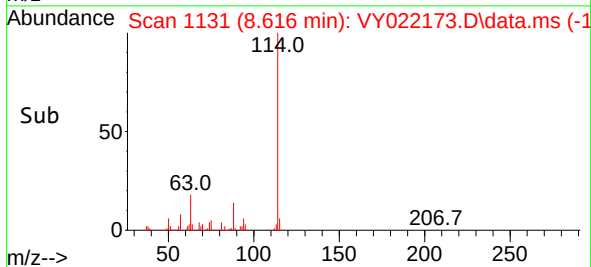
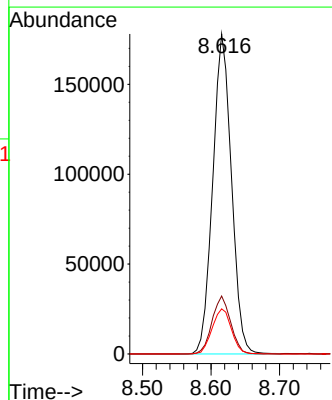
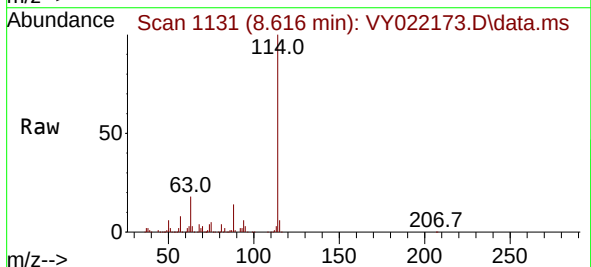
Tgt Ion: 114 Resp: 337521

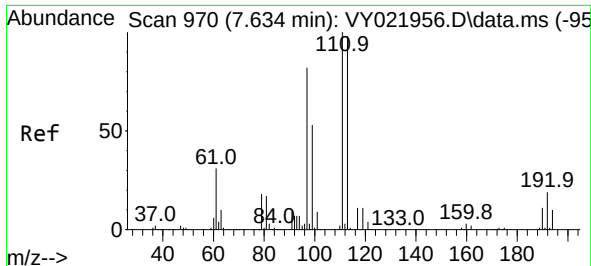
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.4

88 14.1 0.0 28.2

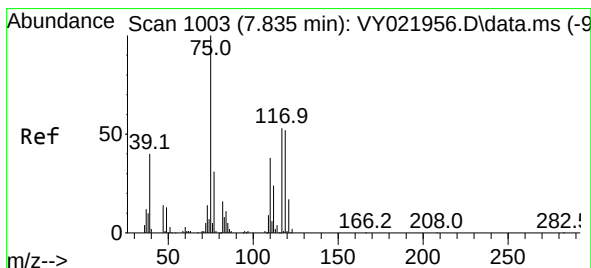
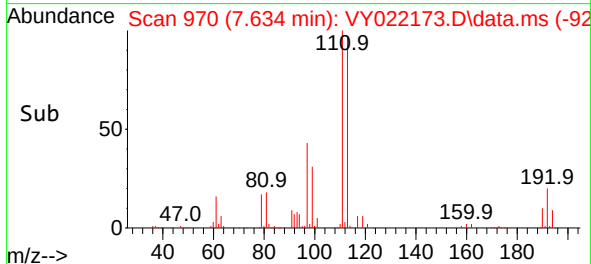
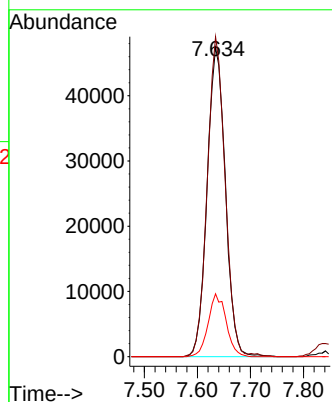
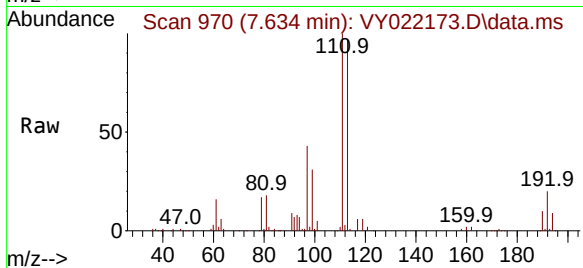




#35
 Dibromofluoromethane
 Concen: 50.928 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

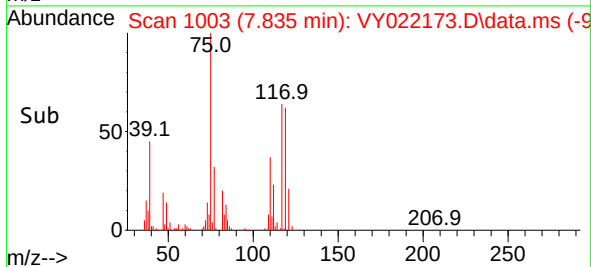
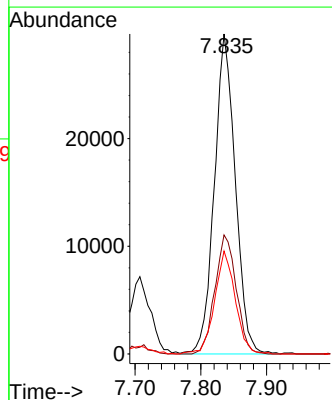
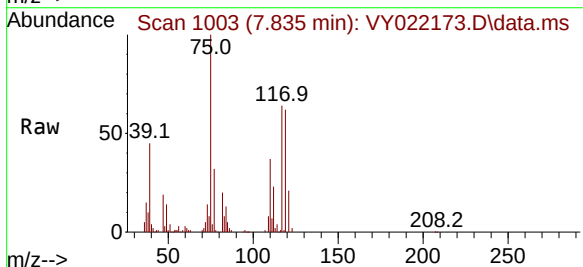
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

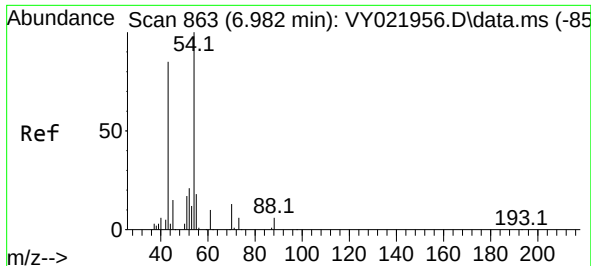
Tgt Ion:113 Resp: 113562
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.8 122.8
 192 20.0 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 22.009 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 75 Resp: 65922
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.1 57.3
 77 31.7 25.5 38.3

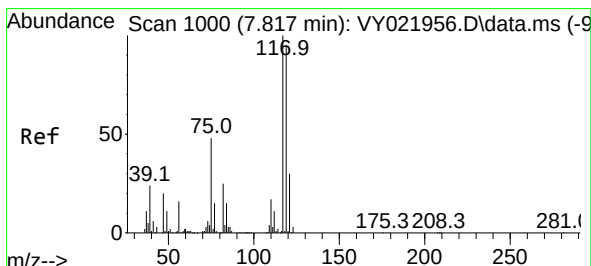
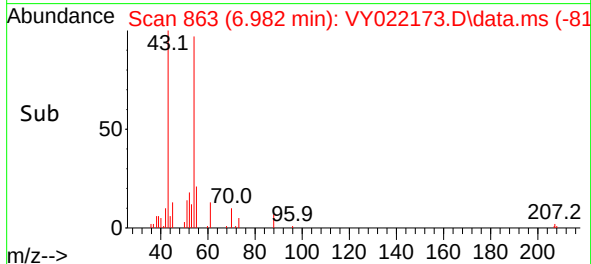
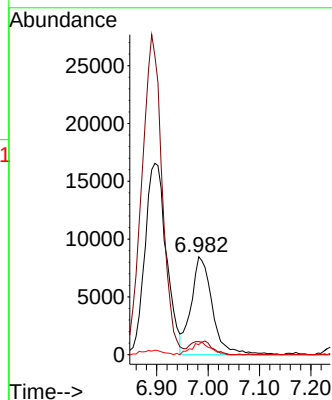
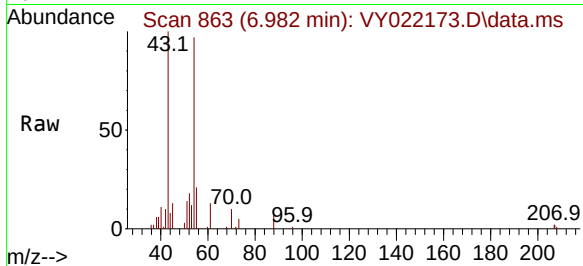




#37
Ethyl Acetate
Concen: 22.557 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

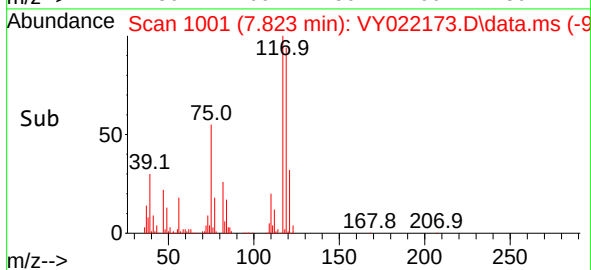
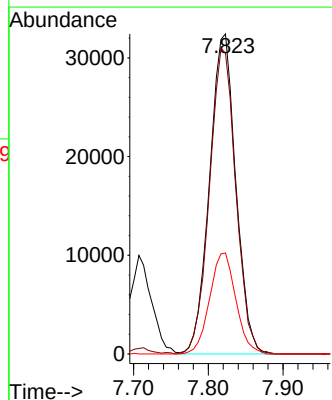
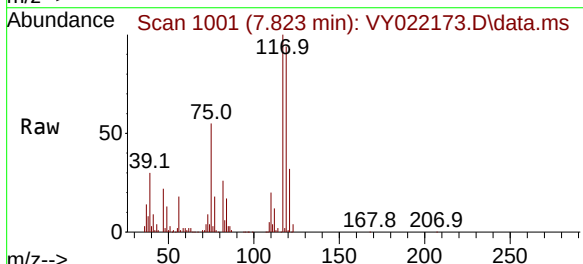
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

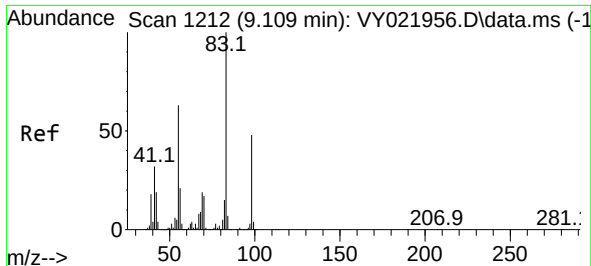
Tgt Ion: 43 Resp: 24266
Ion Ratio Lower Upper
43 100
61 13.7 13.8 20.6#
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 22.147 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 117 Resp: 79268
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4
121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 21.117 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

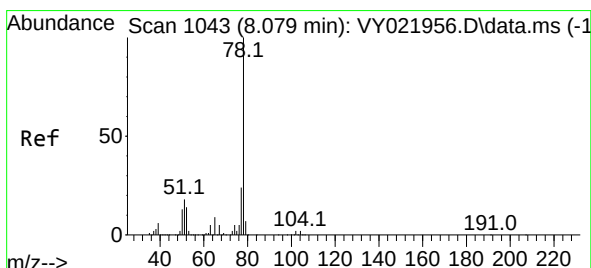
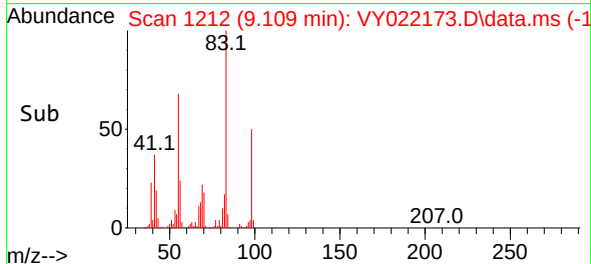
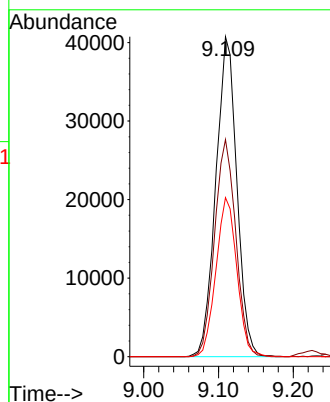
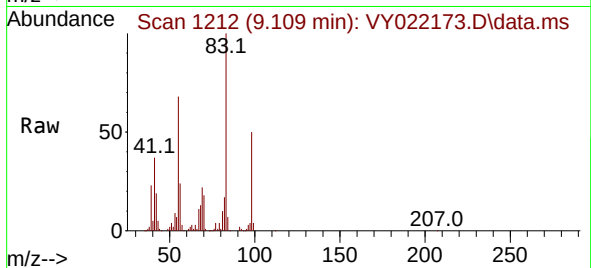
Tgt Ion: 83 Resp: 79599

Ion Ratio Lower Upper

83 100

55 67.8 50.6 75.8

98 49.7 38.6 58.0



#40

Benzene

Concen: 22.374 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022173.D

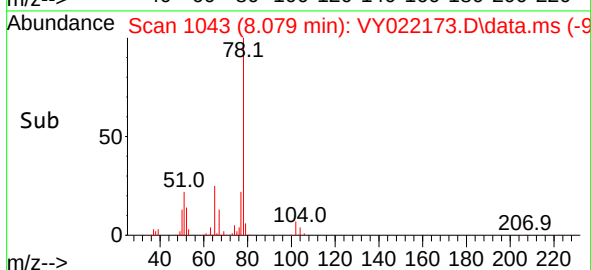
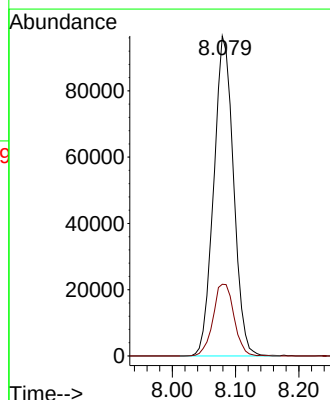
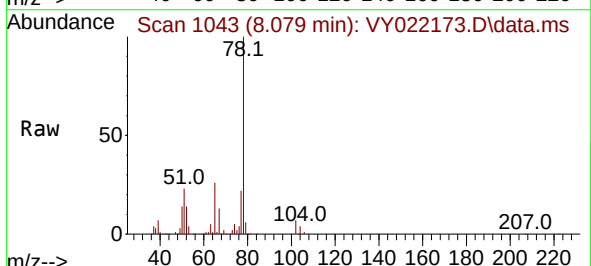
Acq: 06 May 2025 10:39

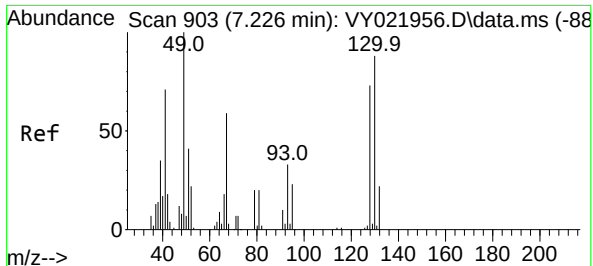
Tgt Ion: 78 Resp: 209487

Ion Ratio Lower Upper

78 100

77 22.4 19.3 28.9

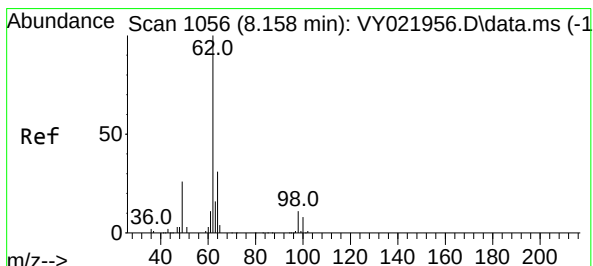
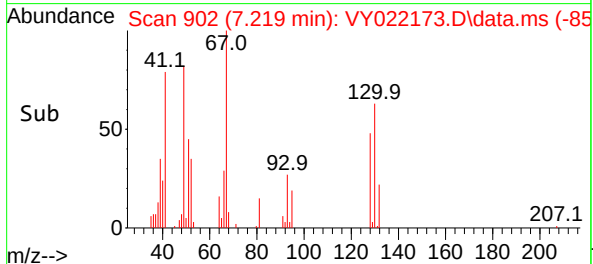
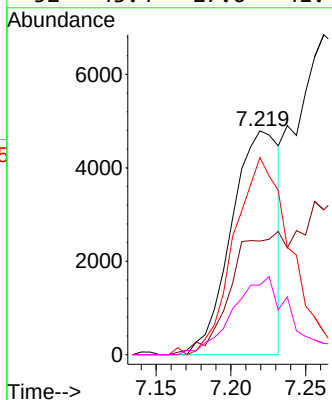
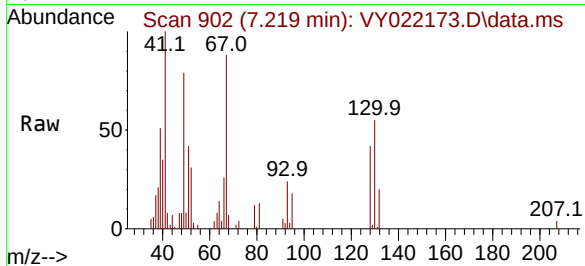




#41
Methacrylonitrile
Concen: 17.916 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

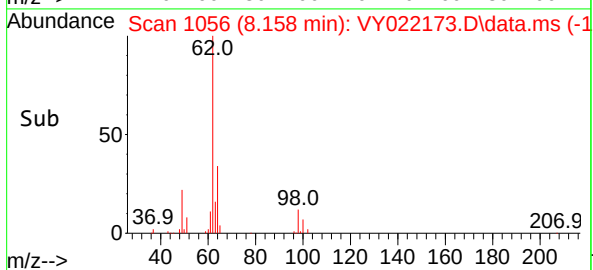
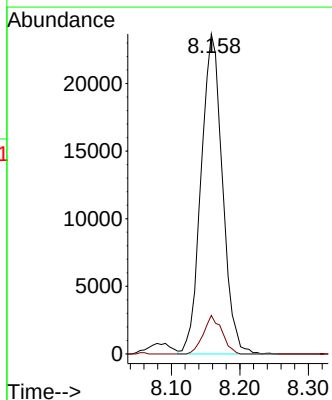
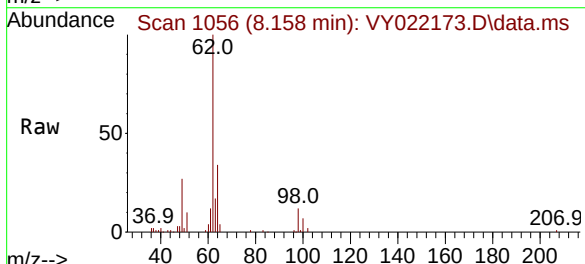
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

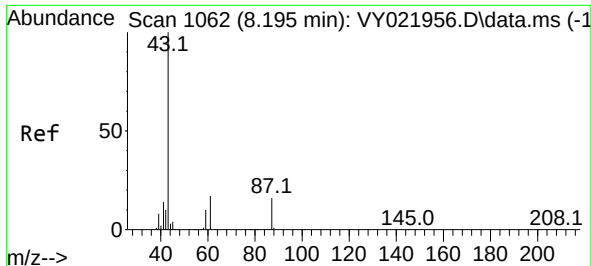
Tgt Ion: 41 Resp: 10536
Ion Ratio Lower Upper
41 100
39 63.6 36.6 55.0#
67 107.6 72.2 108.4
52 43.4 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 22.126 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 62 Resp: 51293
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

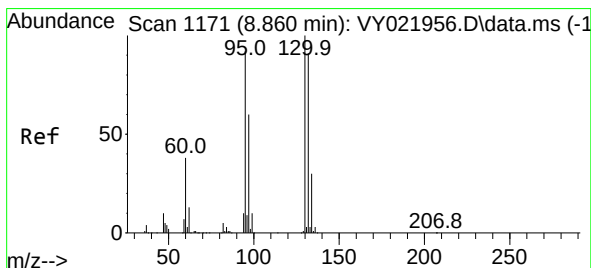
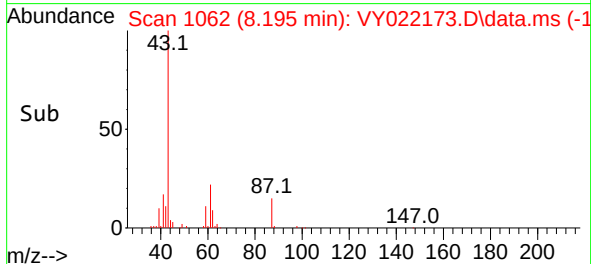
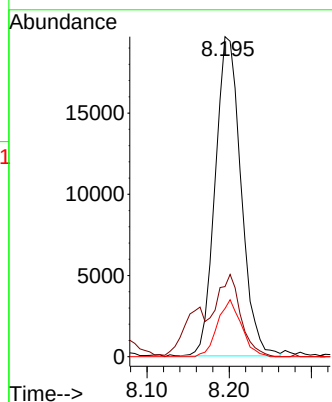
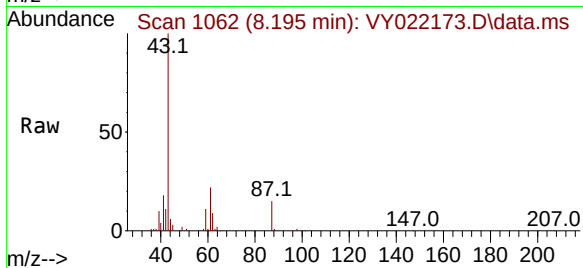




#43
Isopropyl Acetate
Concen: 20.750 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

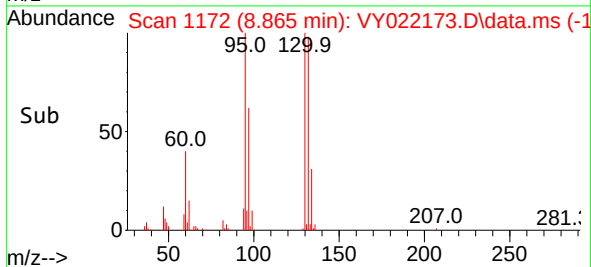
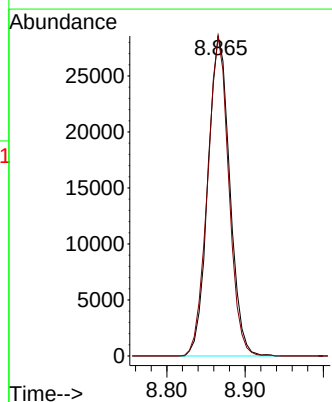
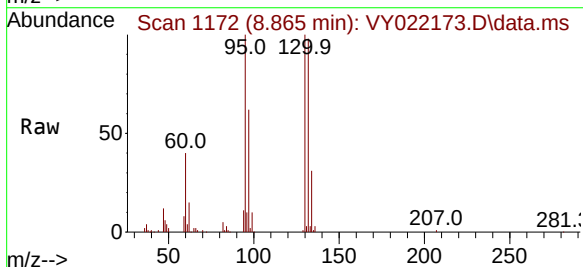
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

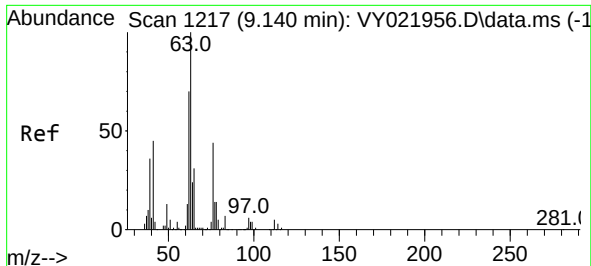
Tgt Ion: 43 Resp: 42868
Ion Ratio Lower Upper
43 100
61 25.1 18.9 28.3
87 16.6 13.7 20.5



#44
Trichloroethene
Concen: 21.314 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:130 Resp: 55277
Ion Ratio Lower Upper
130 100
95 99.9 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.525 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

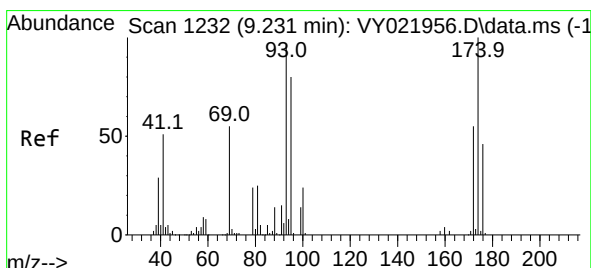
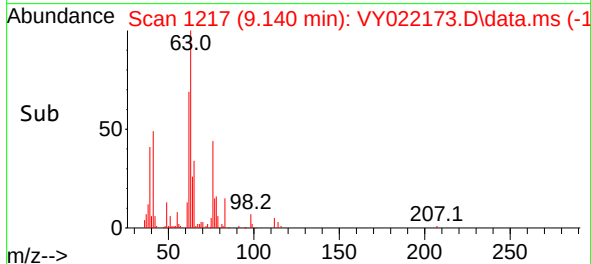
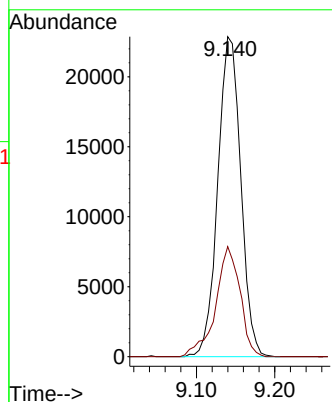
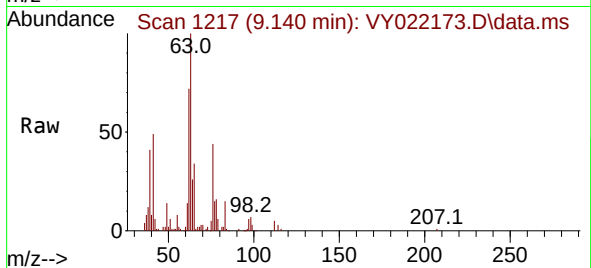
VY0506SBS01

Tgt Ion: 63 Resp: 46640

Ion Ratio Lower Upper

63 100

65 34.4 25.2 37.8



#46

Dibromomethane

Concen: 21.930 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

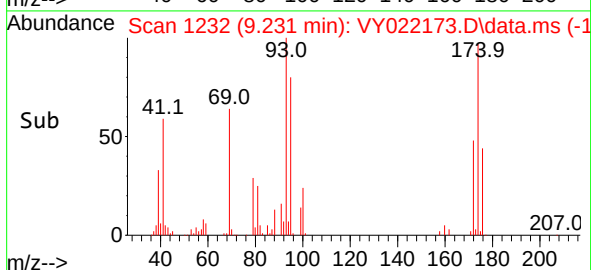
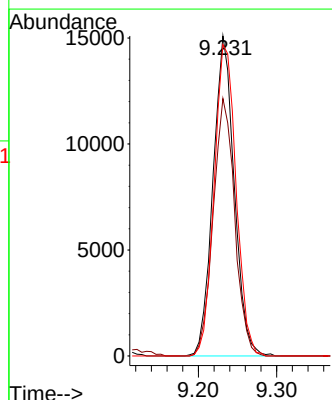
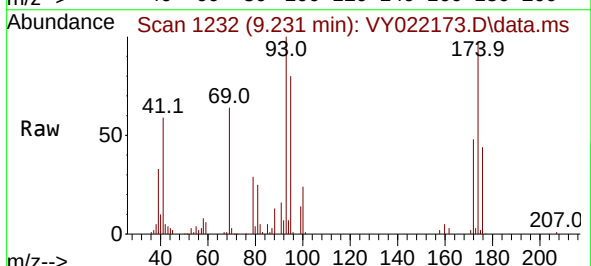
Tgt Ion: 93 Resp: 28425

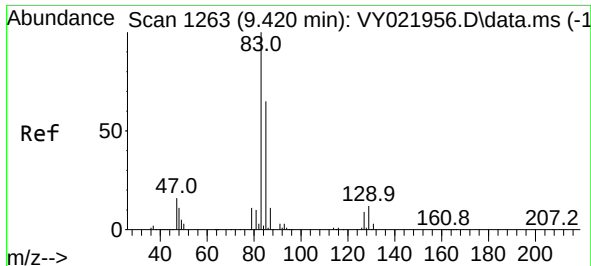
Ion Ratio Lower Upper

93 100

95 81.4 66.7 100.1

174 100.6 84.6 127.0

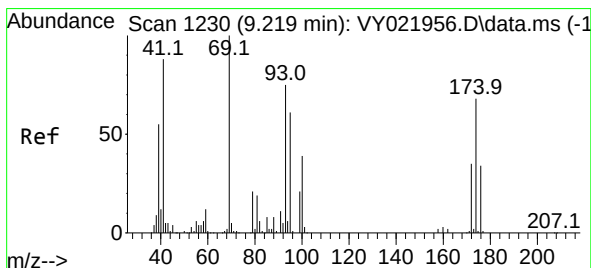
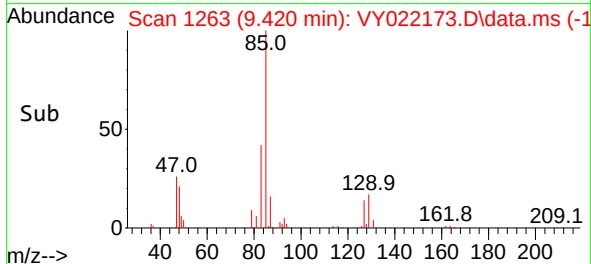
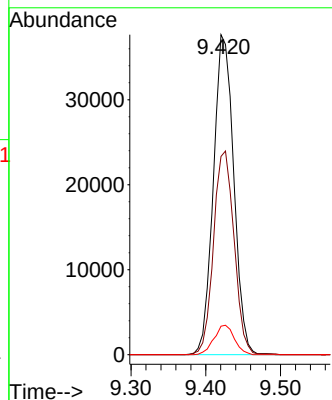
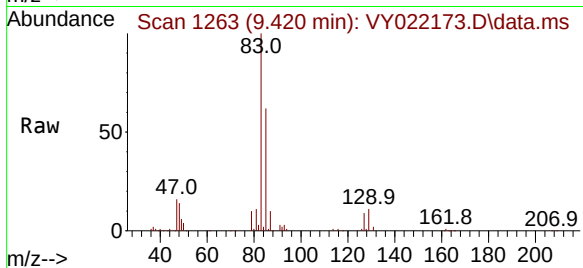




#47
Bromodichloromethane
Concen: 22.008 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

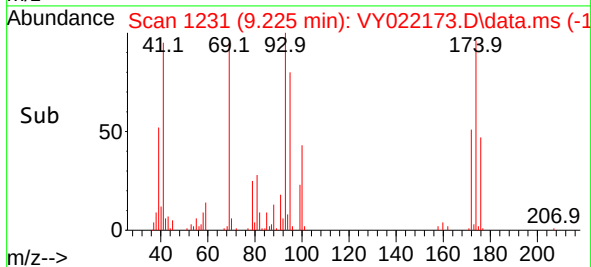
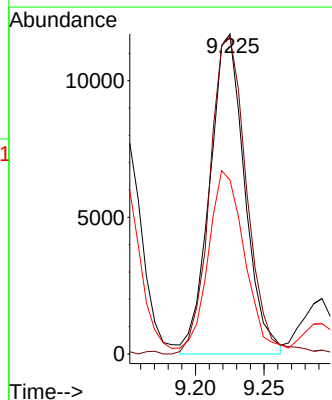
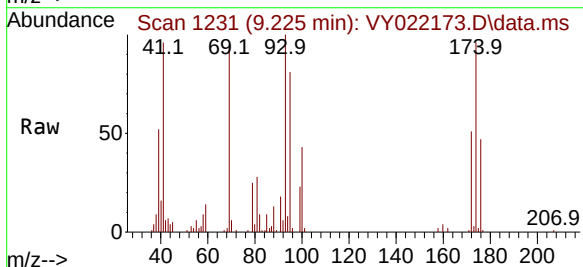
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

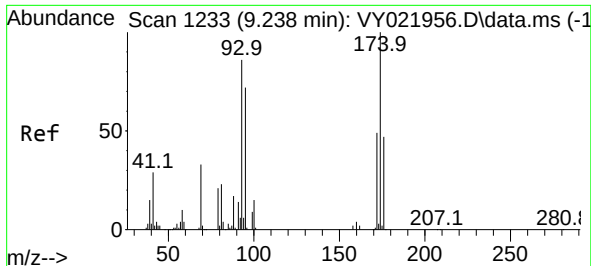
Tgt Ion:	83	Resp:	71264
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.8	77.8
127	8.9	7.0	10.6



#48
Methyl methacrylate
Concen: 21.689 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:	41	Resp:	20714
Ion	Ratio	Lower	Upper
41	100		
69	105.2	85.5	128.3
39	56.3	46.2	69.4





#49

1,4-Dioxane

Concen: 356.492 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

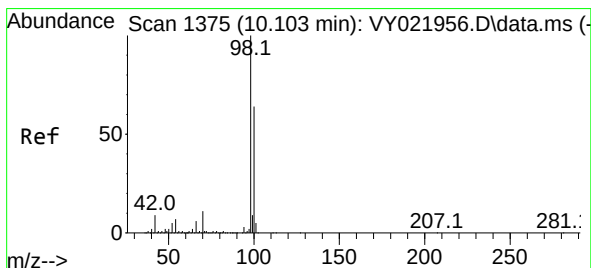
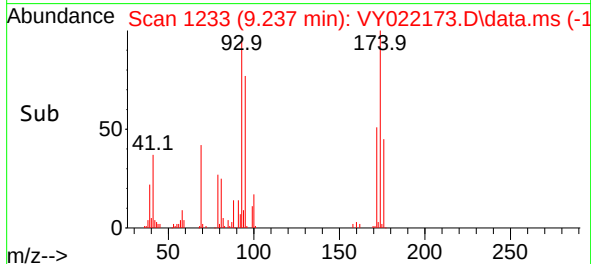
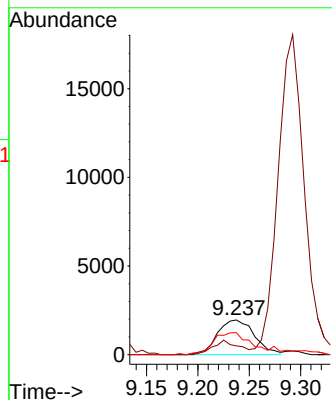
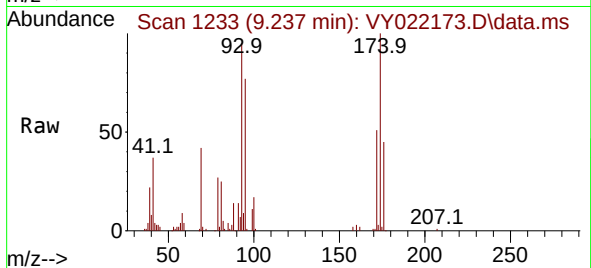
Tgt Ion: 88 Resp: 4925

Ion Ratio Lower Upper

88 100

43 28.6 21.3 31.9

58 78.0 50.5 75.7#



#50

Toluene-d8

Concen: 52.280 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022173.D

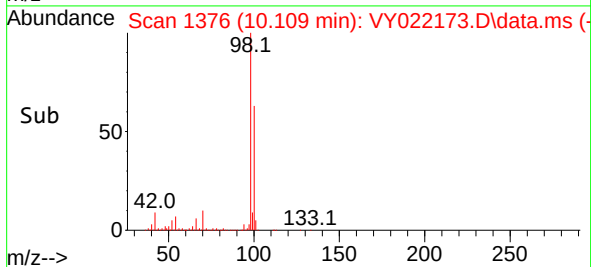
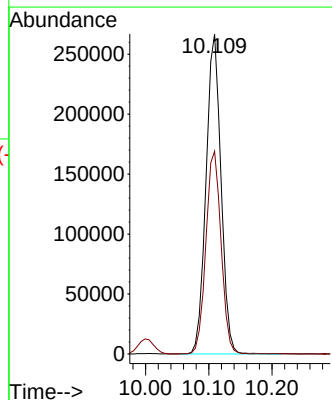
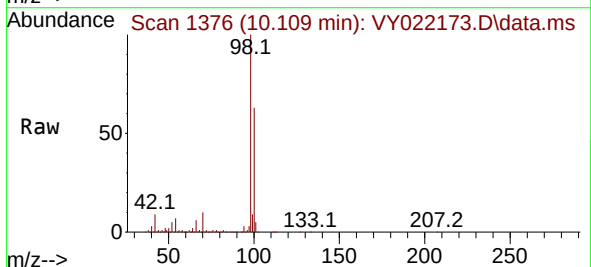
Acq: 06 May 2025 10:39

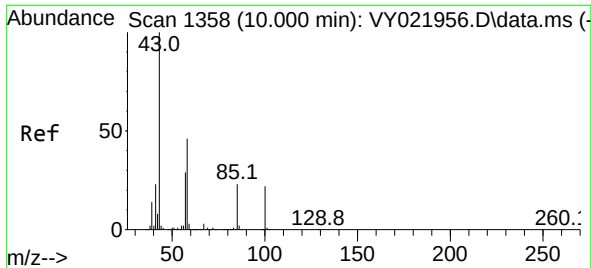
Tgt Ion: 98 Resp: 439490

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

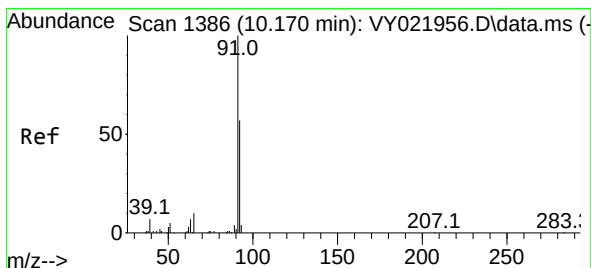
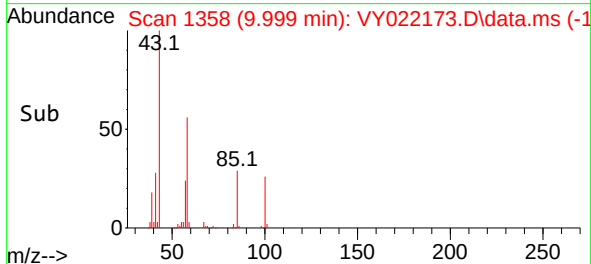
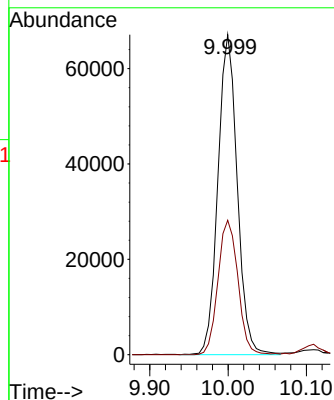
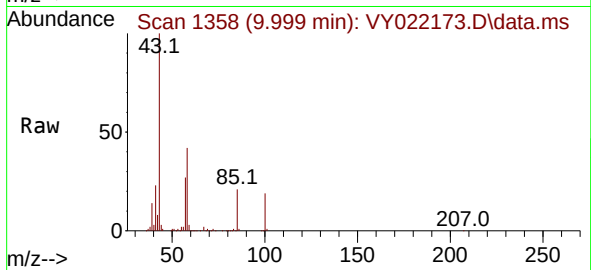




#51
4-Methyl-2-Pentanone
Concen: 106.419 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

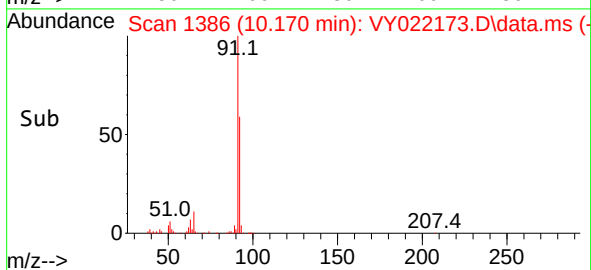
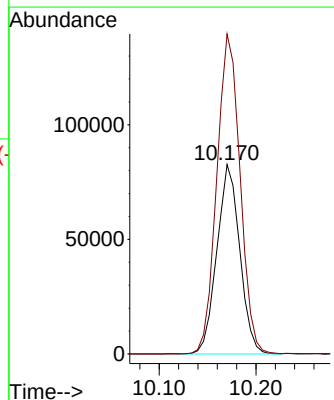
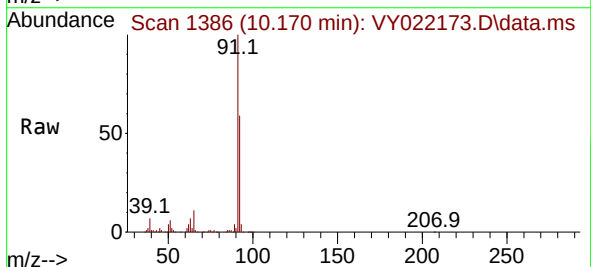
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

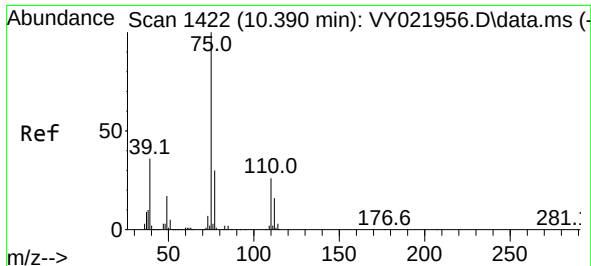
Tgt Ion: 43 Resp: 115249
Ion Ratio Lower Upper
43 100
58 43.4 36.6 55.0



#52
Toluene
Concen: 22.366 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 92 Resp: 135554
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

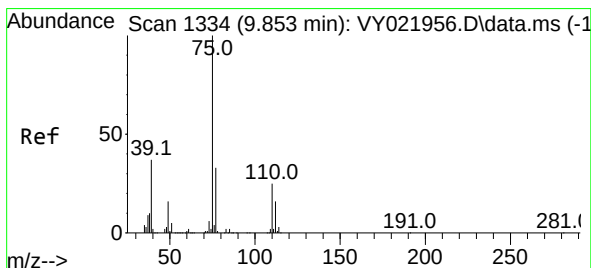
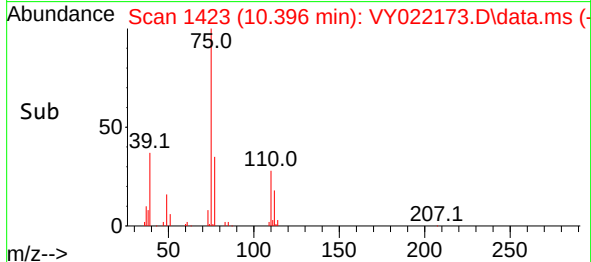
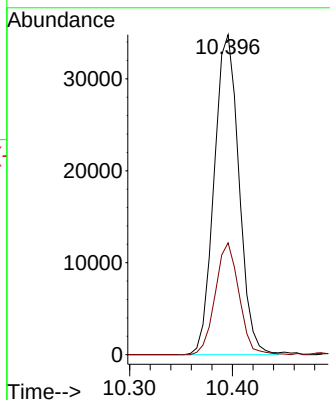
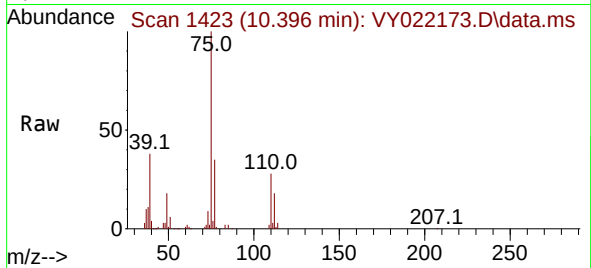




#53
 t-1,3-Dichloropropene
 Concen: 21.003 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

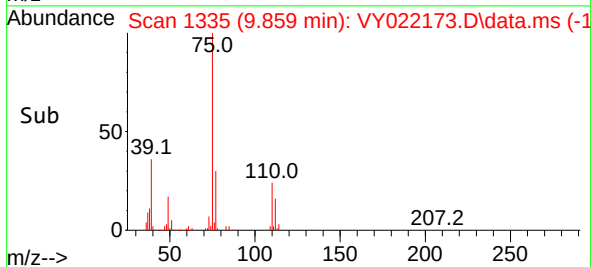
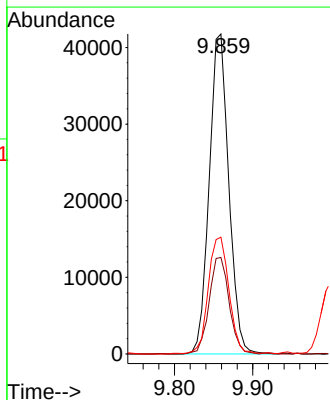
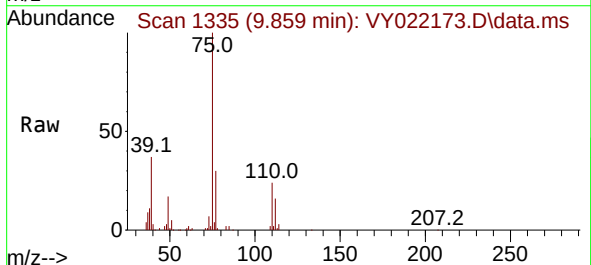
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

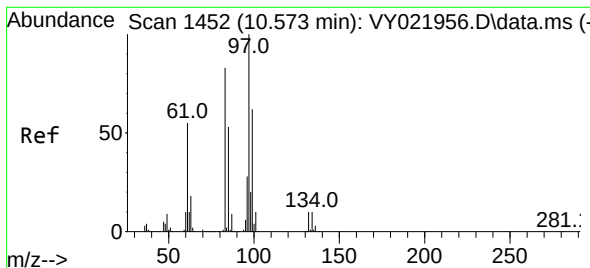
Tgt Ion: 75 Resp: 58334
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.942 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 75 Resp: 72444
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.6 40.0
 39 36.4 29.6 44.4

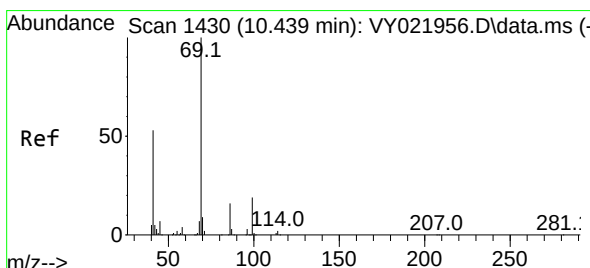
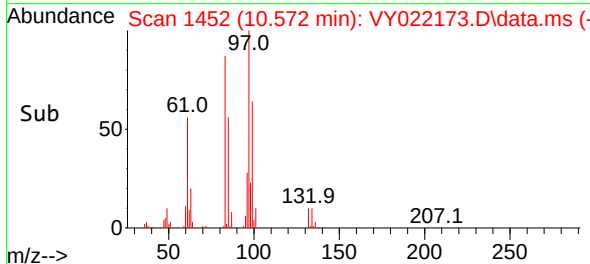
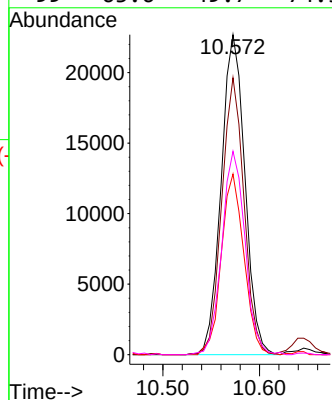
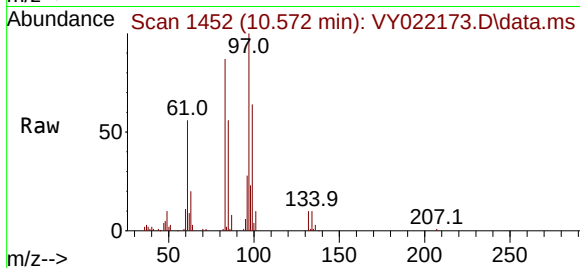




#55
1,1,2-Trichloroethane
Concen: 22.267 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

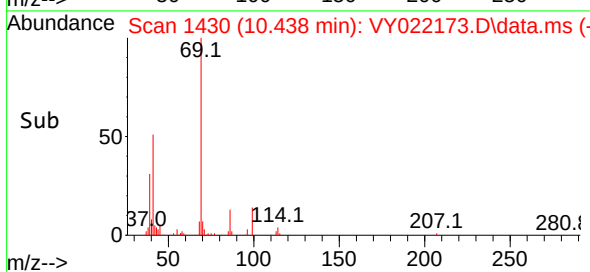
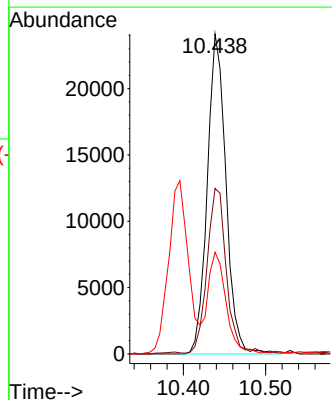
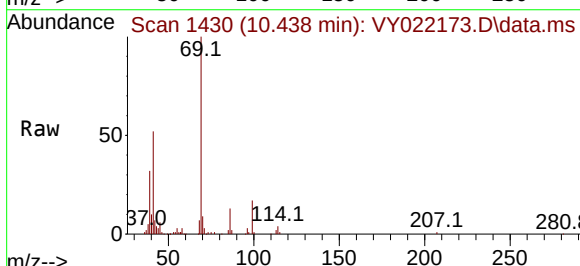
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

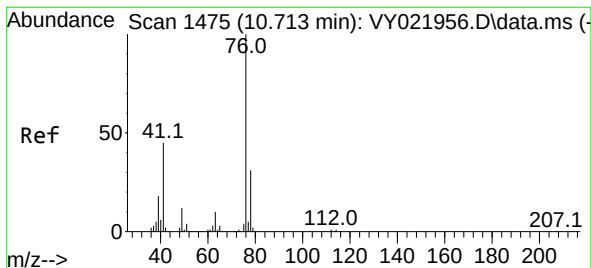
Tgt Ion:	97	Resp:	38553
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.7	100.1
85	56.4	42.6	64.0
99	63.6	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.273 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:	69	Resp:	38160
Ion	Ratio	Lower	Upper
69	100		
41	52.1	40.7	61.1
39	30.4	23.3	34.9

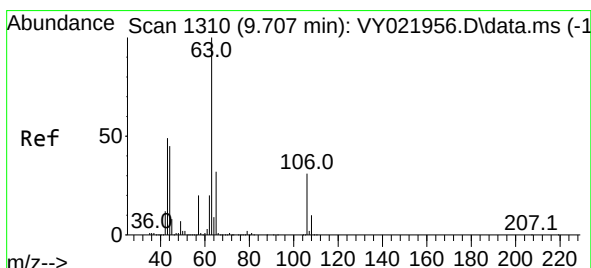
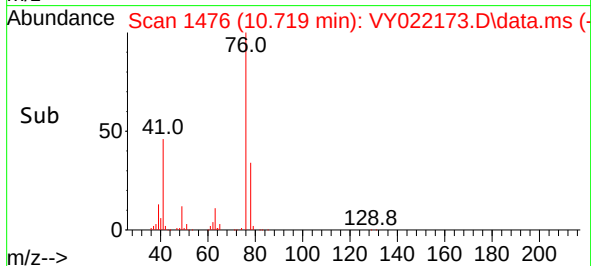
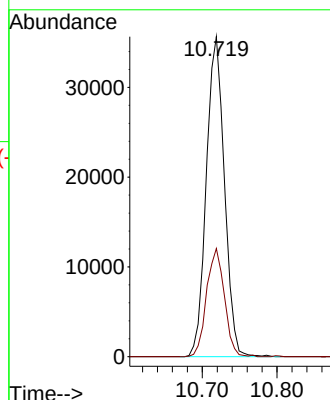
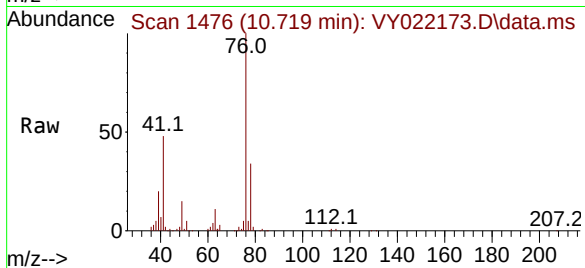




#57
1,3-Dichloropropane
Concen: 21.606 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

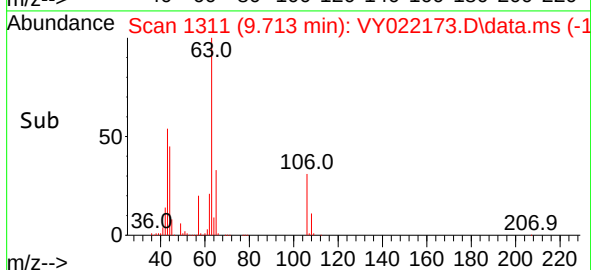
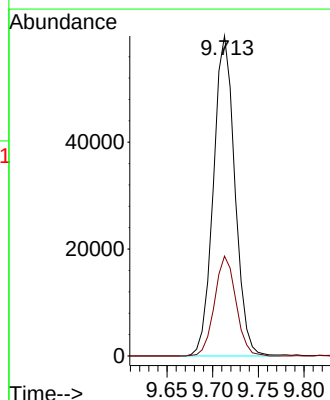
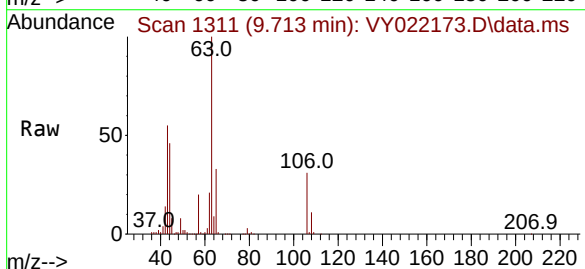
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

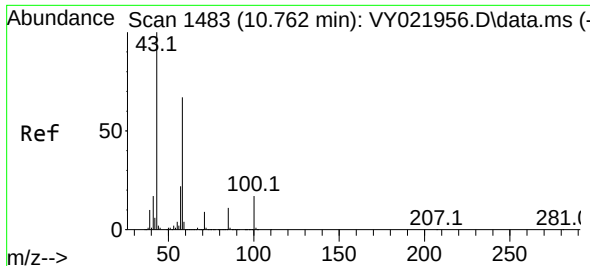
Tgt Ion: 76 Resp: 59971
Ion Ratio Lower Upper
76 100
78 33.3 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 100.923 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 63 Resp: 97700
Ion Ratio Lower Upper
63 100
106 31.1 25.3 37.9

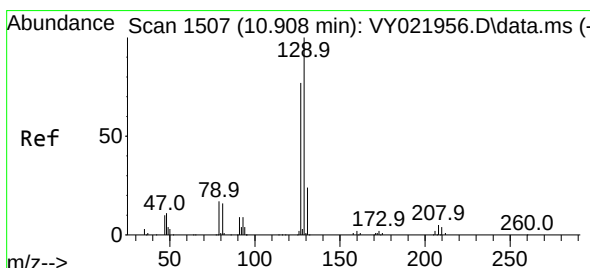
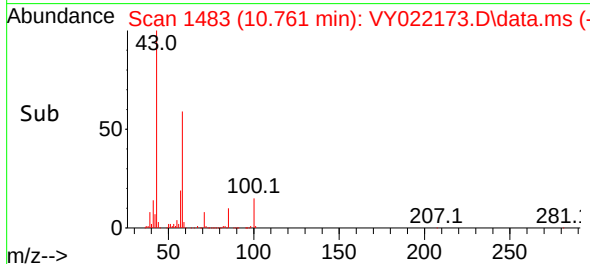
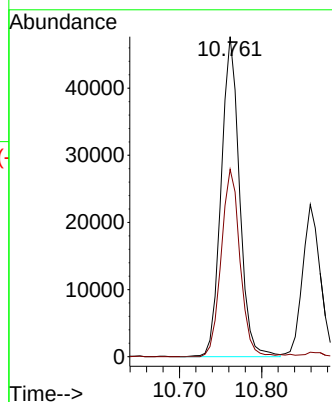
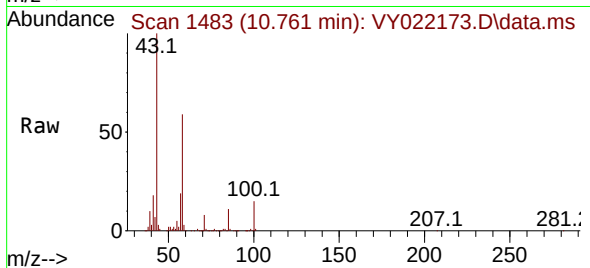




#59
2-Hexanone
Concen: 103.451 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

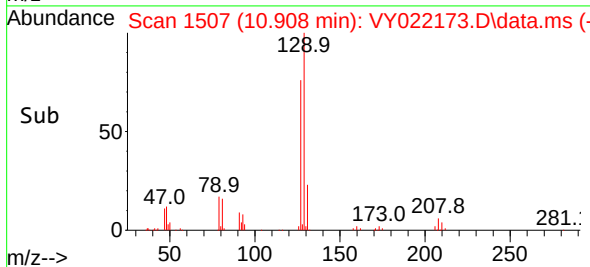
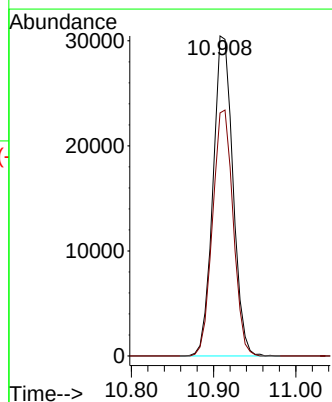
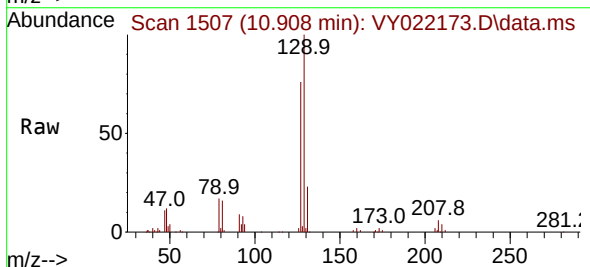
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

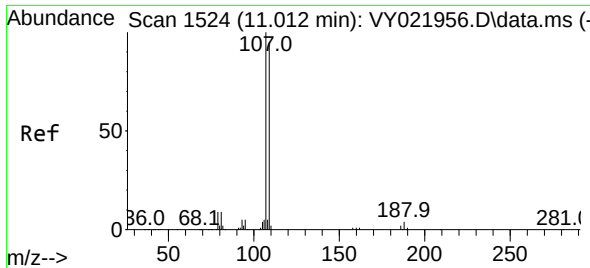
Tgt Ion: 43 Resp: 73896
Ion Ratio Lower Upper
43 100
58 60.1 32.0 96.0



#60
Dibromochloromethane
Concen: 21.378 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 129 Resp: 51245
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.3

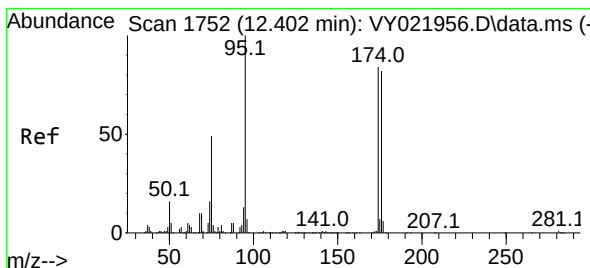
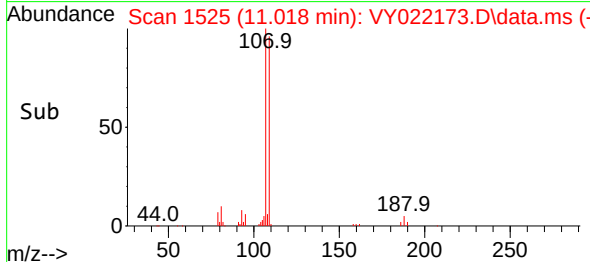
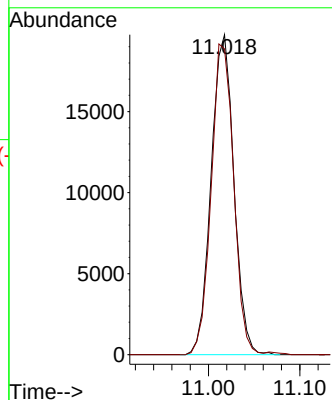
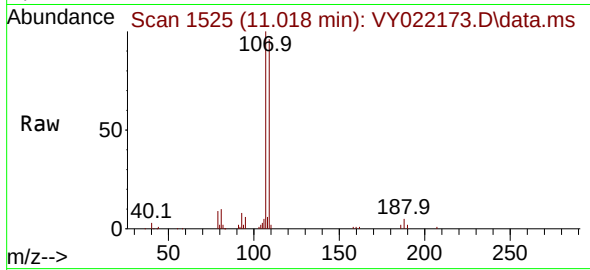




#61
1,2-Dibromoethane
Concen: 20.864 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

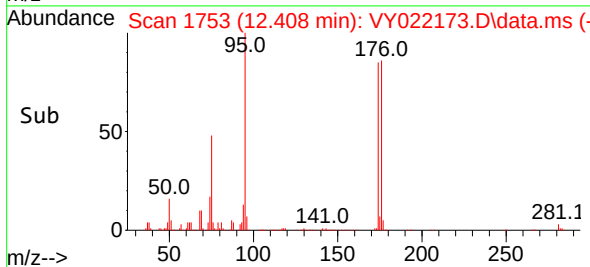
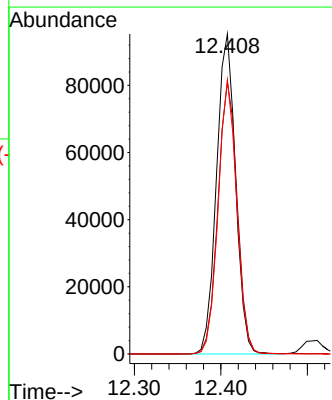
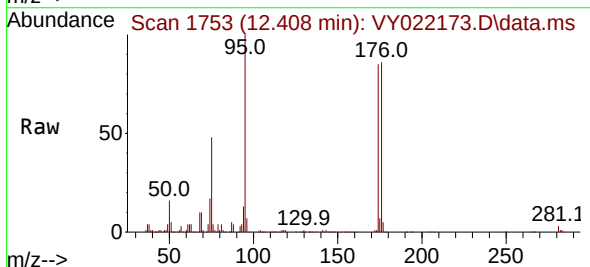
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

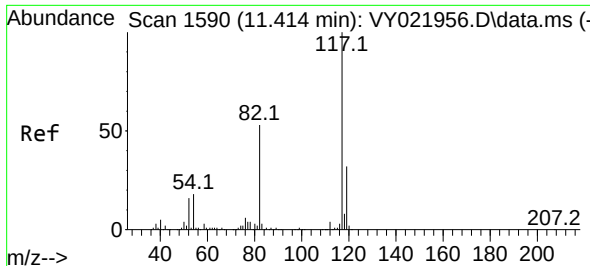
Tgt Ion:107 Resp: 34104
Ion Ratio Lower Upper
107 100
109 95.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.421 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 95 Resp: 145521
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.0
176 83.5 0.0 171.8

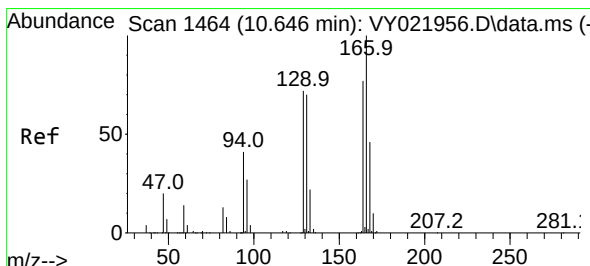
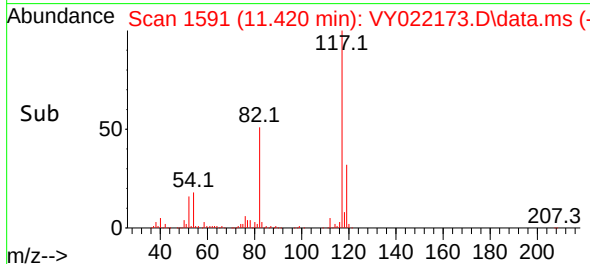
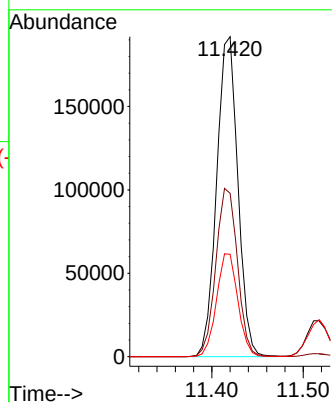
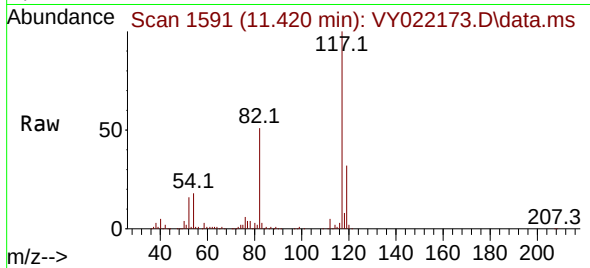




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

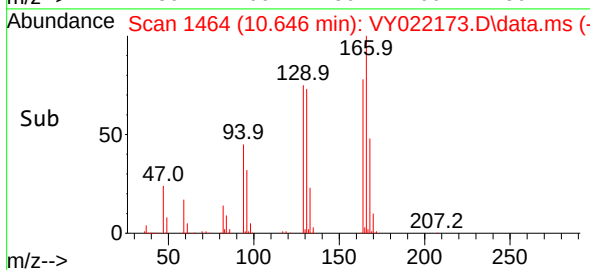
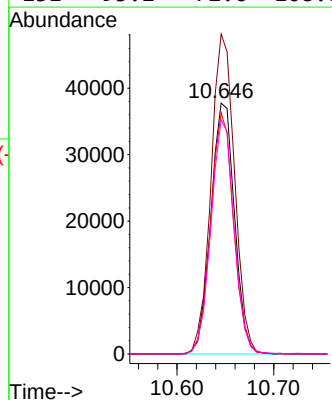
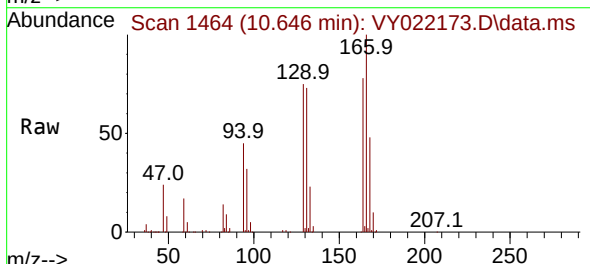
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

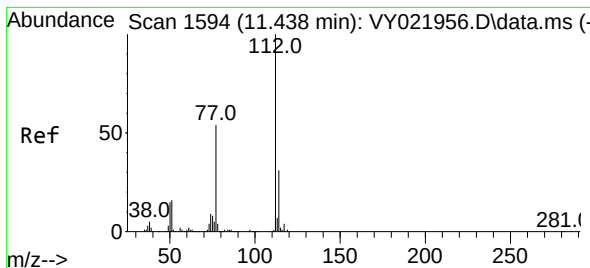
Tgt Ion:117 Resp: 309806
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.935 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:164 Resp: 64106
Ion Ratio Lower Upper
164 100
166 127.5 103.6 155.4
129 96.2 74.2 111.4
131 93.2 72.6 108.8

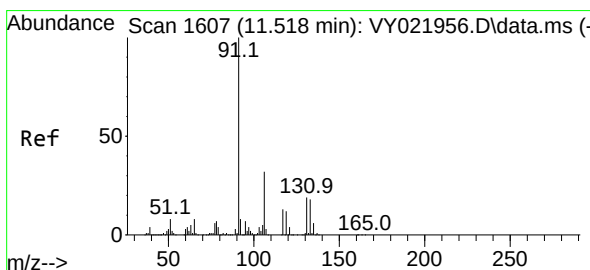
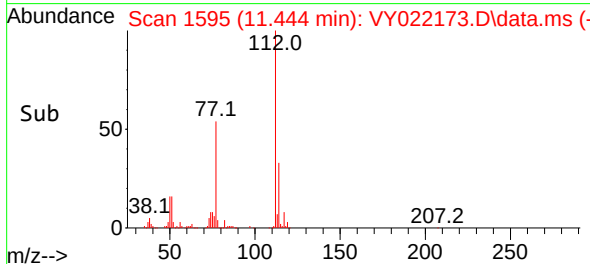
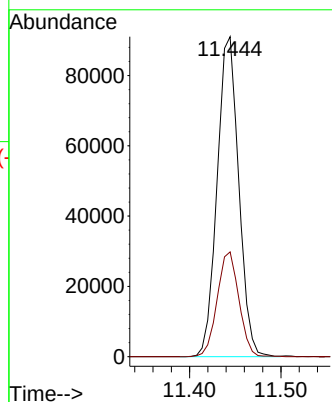
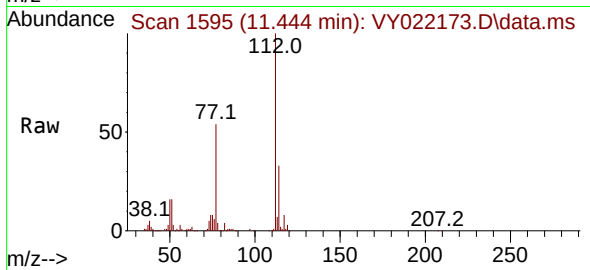




#65
Chlorobenzene
Concen: 21.594 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

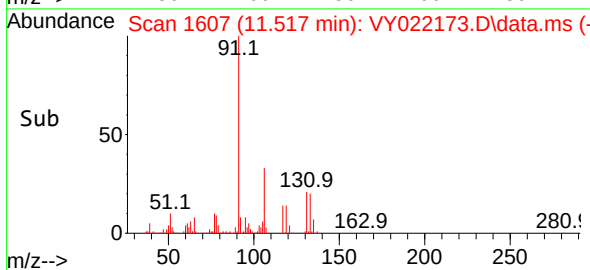
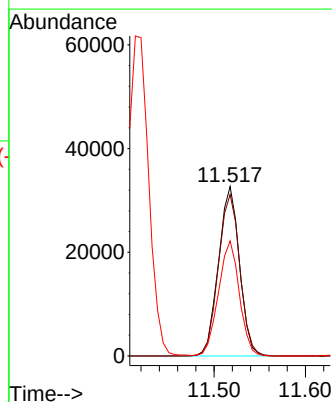
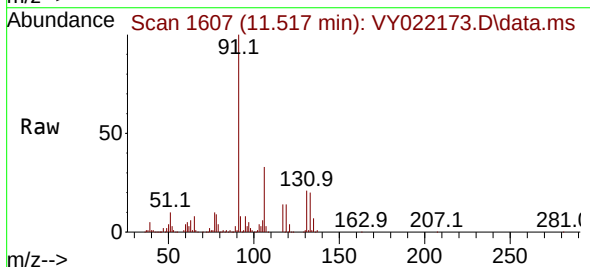
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBSD01

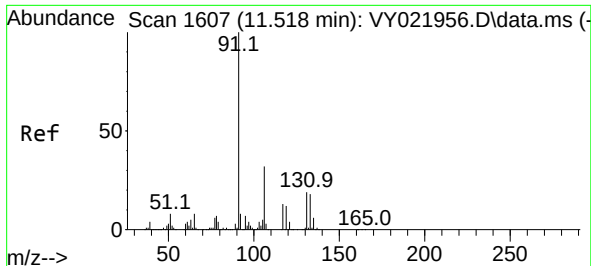
Tgt Ion:112 Resp: 149602
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.384 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:131 Resp: 52158
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 67.7 32.4 97.0





#67

Ethyl Benzene

Concen: 21.400 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

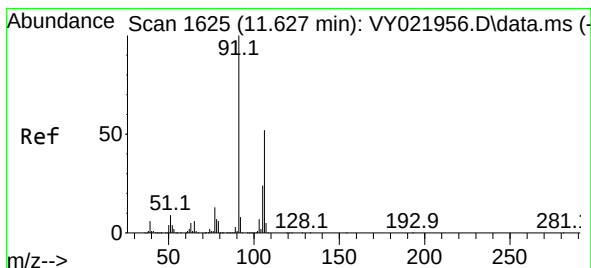
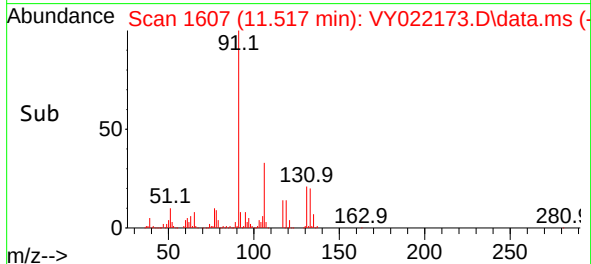
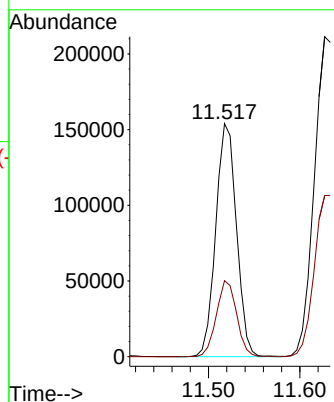
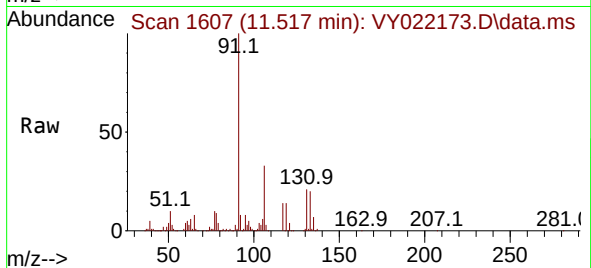
VY0506SBS01

Tgt Ion: 91 Resp: 242528

Ion Ratio Lower Upper

91 100

106 32.6 25.9 38.9



#68

m/p-Xylenes

Concen: 43.897 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022173.D

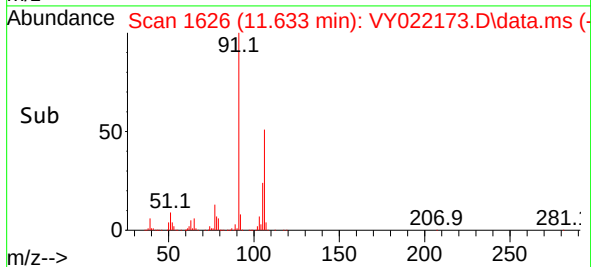
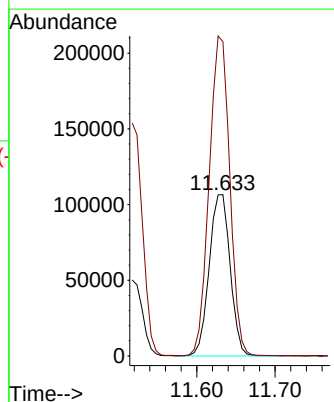
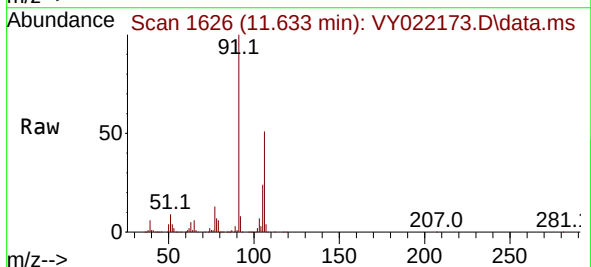
Acq: 06 May 2025 10:39

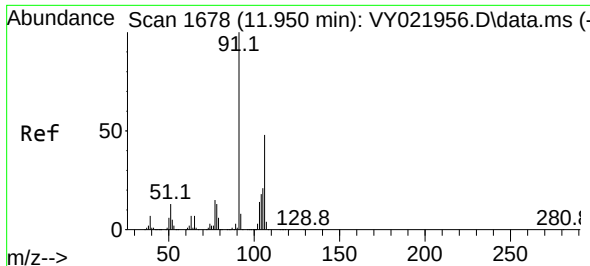
Tgt Ion:106 Resp: 197964

Ion Ratio Lower Upper

106 100

91 194.9 156.2 234.2

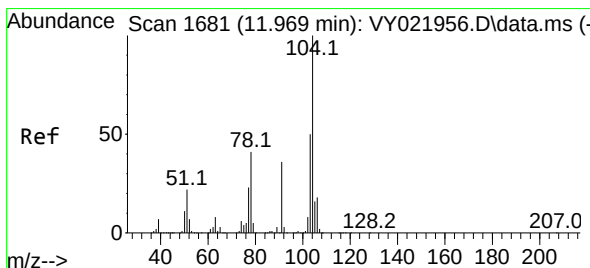
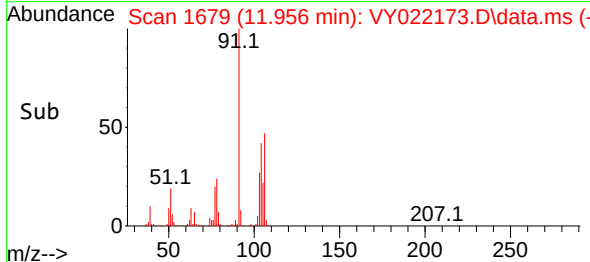
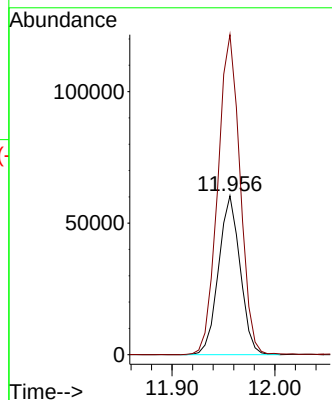
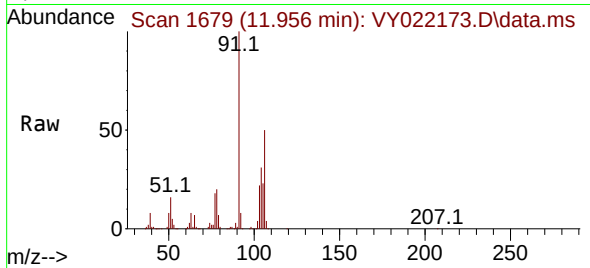




#69
o-Xylene
Concen: 21.134 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

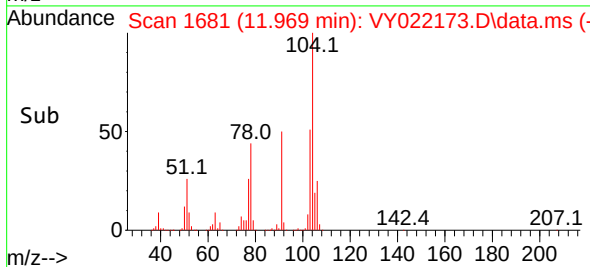
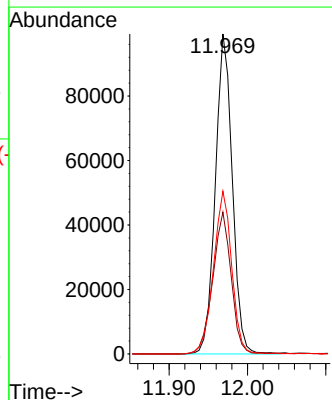
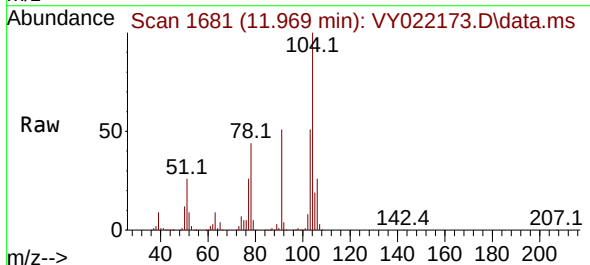
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

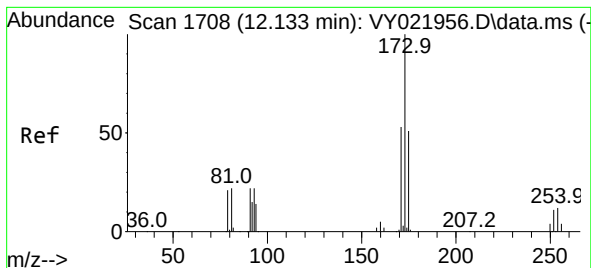
Tgt Ion:106 Resp: 87844
Ion Ratio Lower Upper
106 100
91 208.7 103.0 308.9



#70
Styrene
Concen: 21.423 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion:104 Resp: 149510
Ion Ratio Lower Upper
104 100
78 48.1 36.6 54.8
103 54.8 43.8 65.8





#71

Bromoform

Concen: 21.295 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

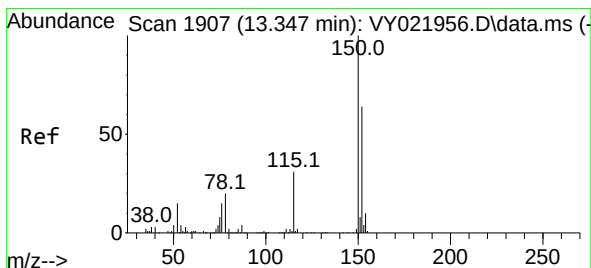
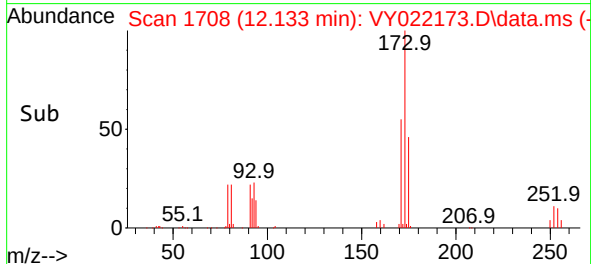
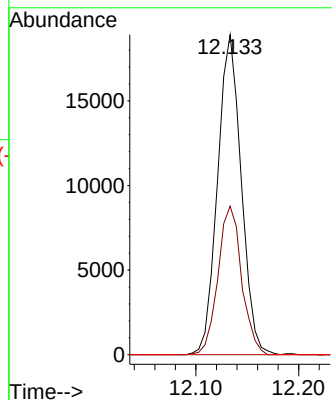
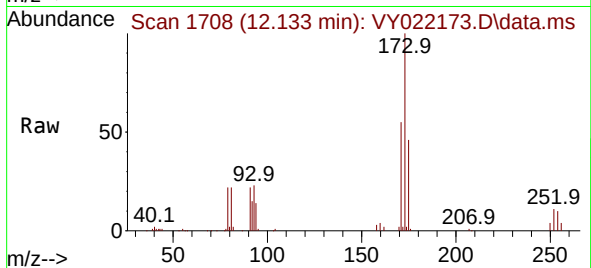
Tgt Ion:173 Resp: 30197

Ion Ratio Lower Upper

173 100

175 46.3 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

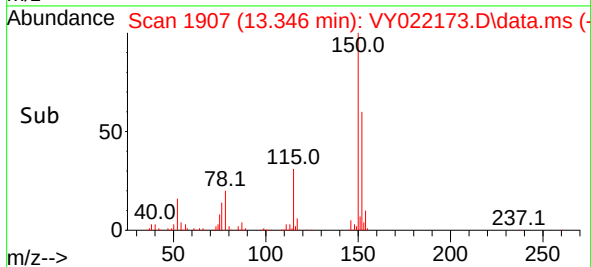
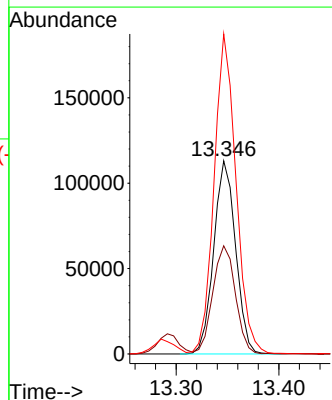
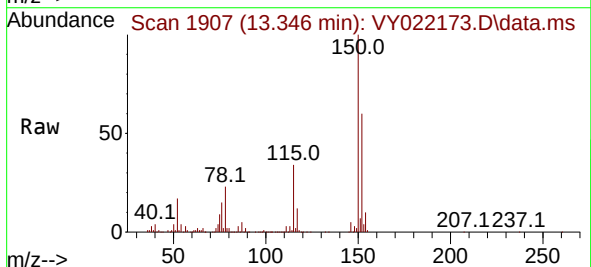
Tgt Ion:152 Resp: 166836

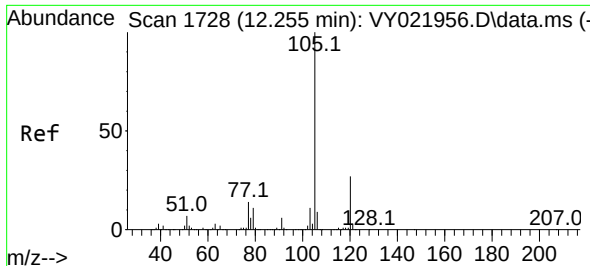
Ion Ratio Lower Upper

152 100

115 57.8 28.0 84.0

150 166.2 0.0 345.6

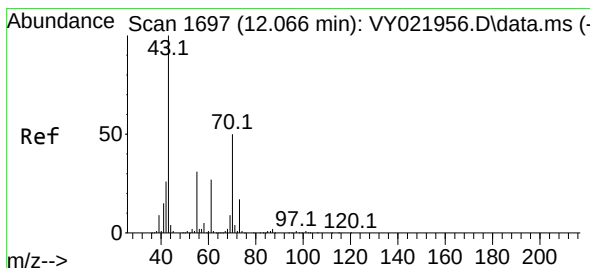
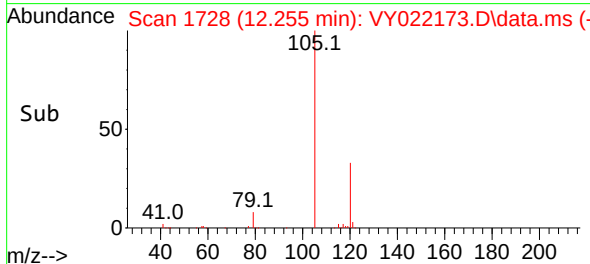
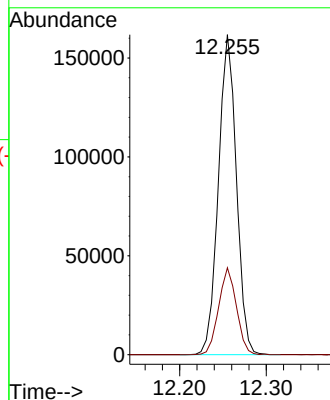
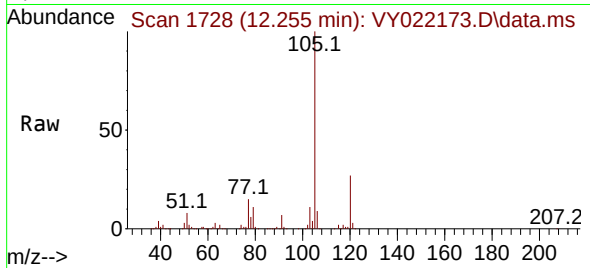




#73
Isopropylbenzene
Concen: 20.957 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

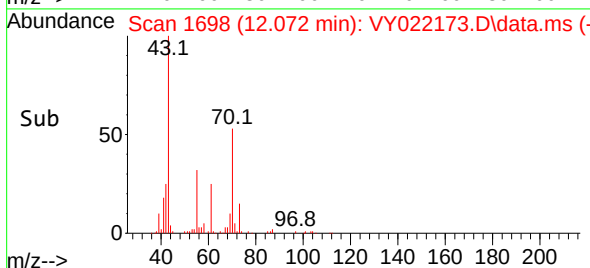
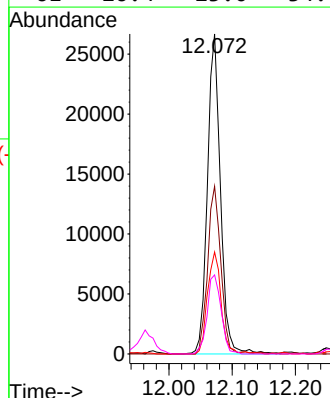
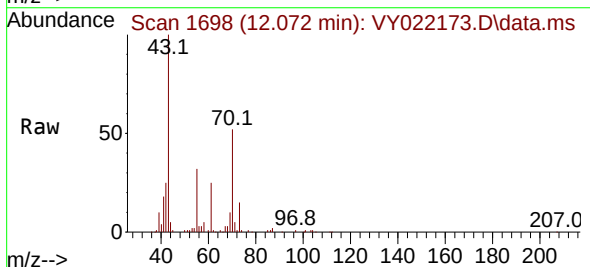
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

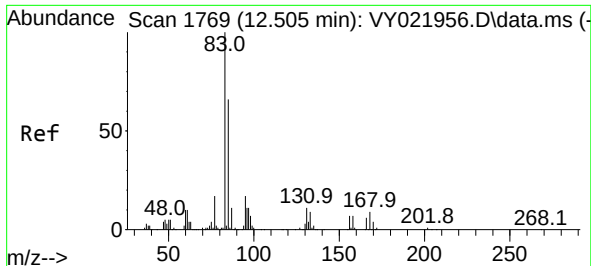
Tgt Ion:105 Resp: 233598
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 19.998 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 43 Resp: 38297
Ion Ratio Lower Upper
43 100
70 53.1 43.2 64.8
55 33.0 25.7 38.5
61 26.4 23.0 34.6

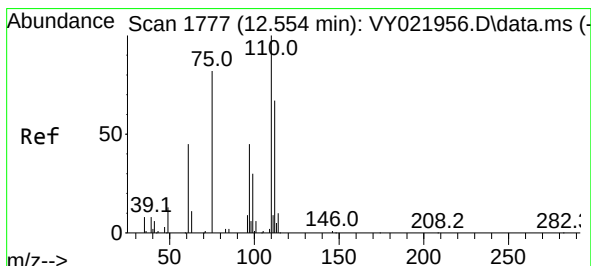
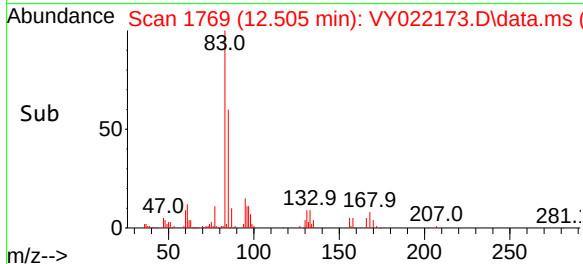
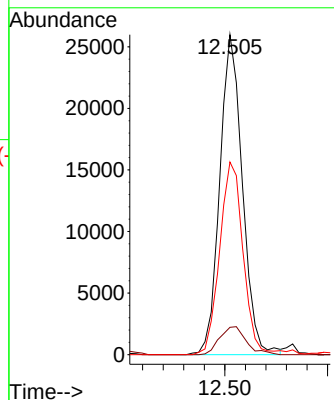
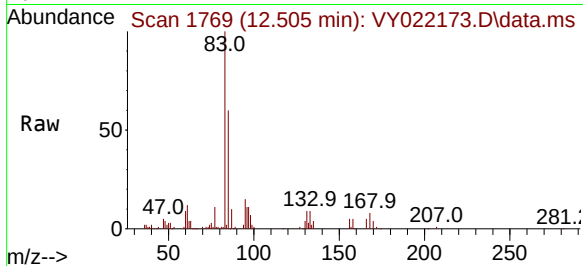




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.115 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

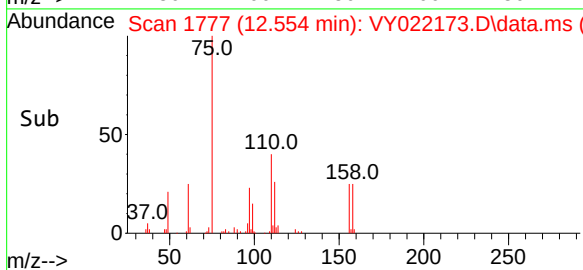
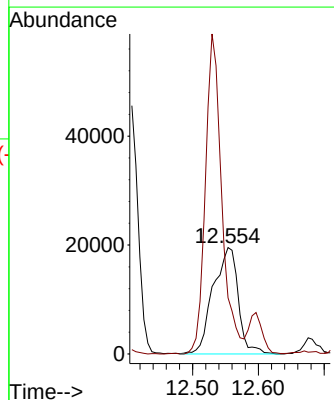
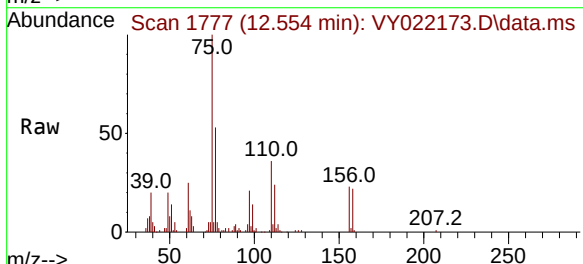
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

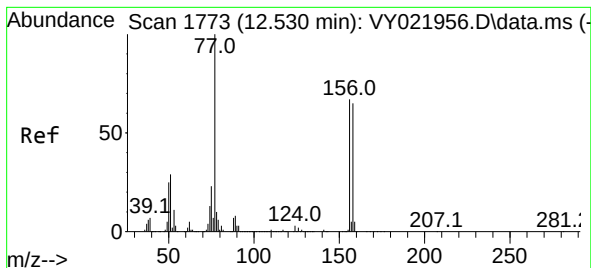
Tgt Ion: 83 Resp: 39680
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.5 16.4
 85 62.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.357 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion: 75 Resp: 51956
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.820 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

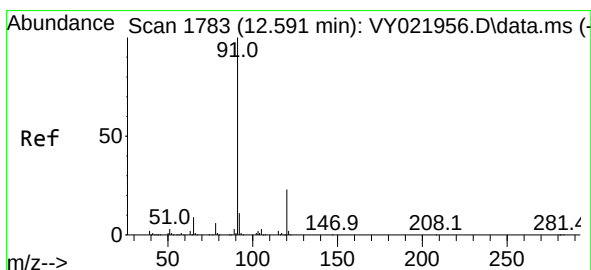
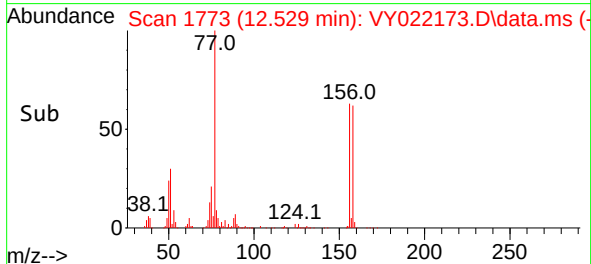
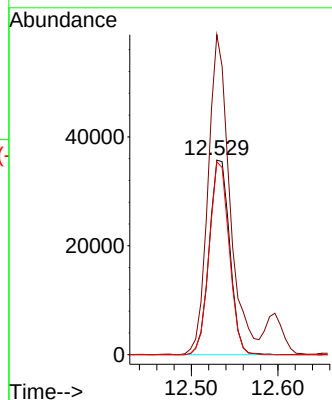
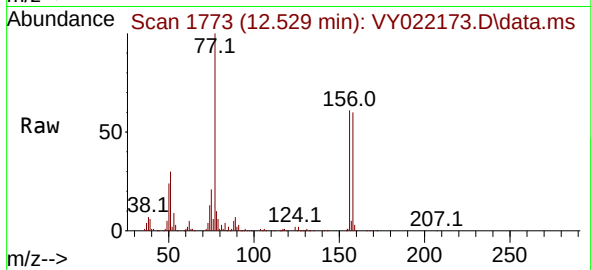
Tgt Ion:156 Resp: 58639

Ion Ratio Lower Upper

156 100

77 174.6 82.7 248.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 21.426 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022173.D

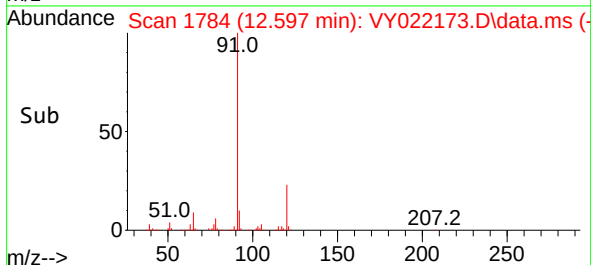
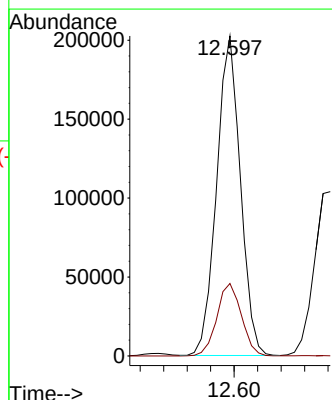
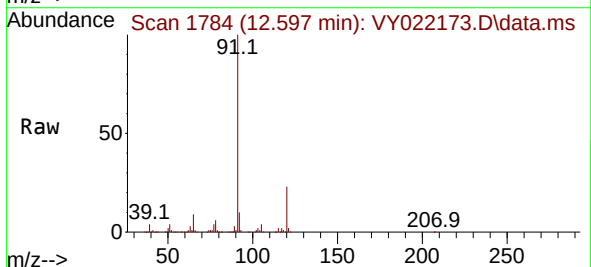
Acq: 06 May 2025 10:39

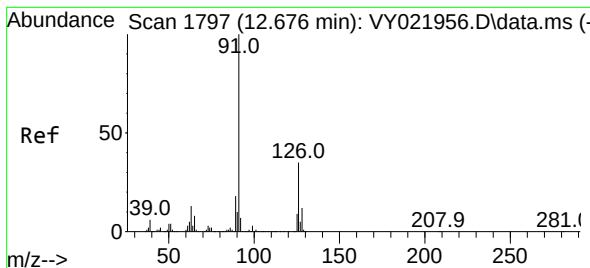
Tgt Ion: 91 Resp: 284417

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 21.544 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

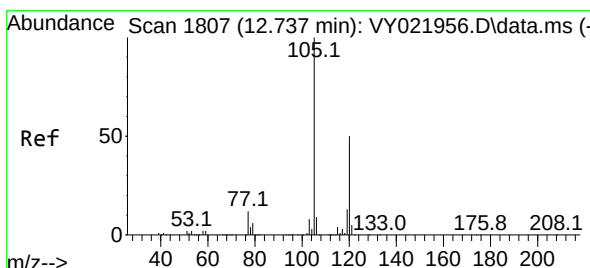
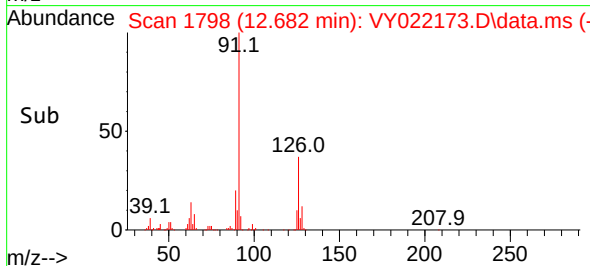
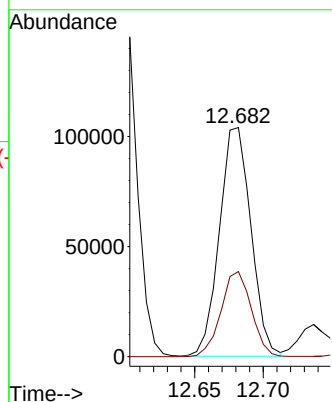
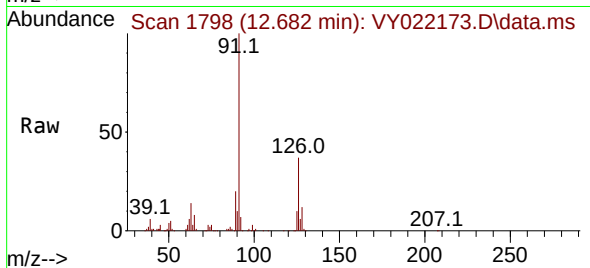
VY0506SBS01

Tgt Ion: 91 Resp: 166314

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 21.370 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022173.D

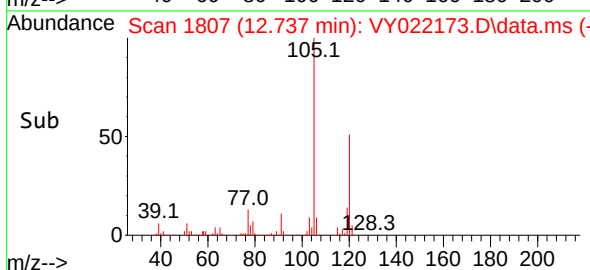
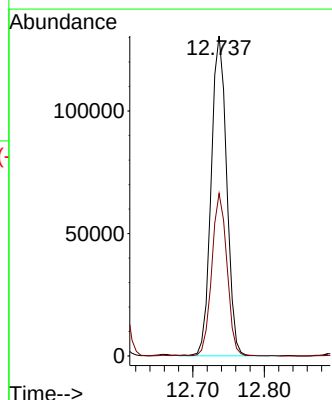
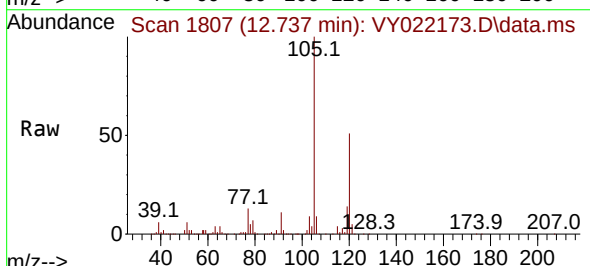
Acq: 06 May 2025 10:39

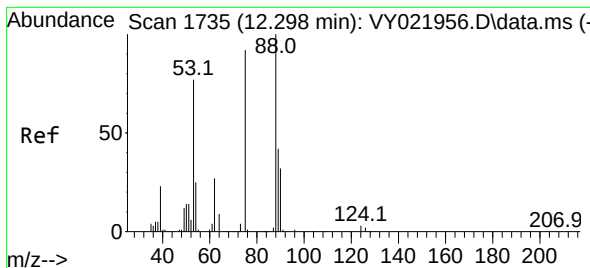
Tgt Ion: 105 Resp: 196259

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0

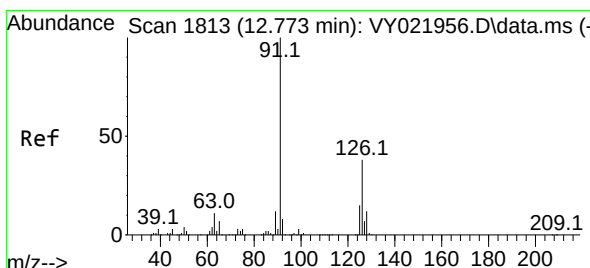
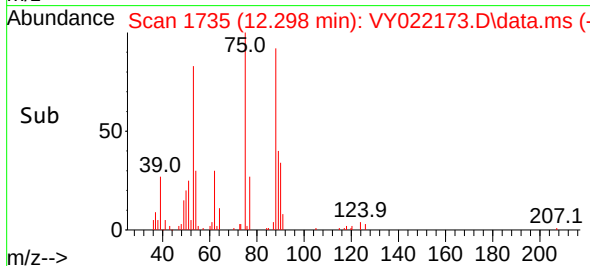
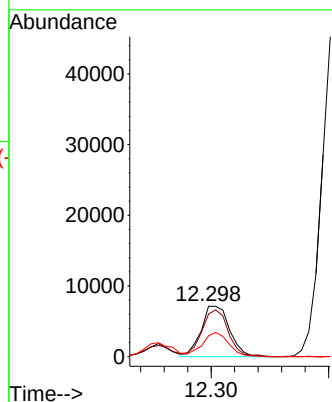
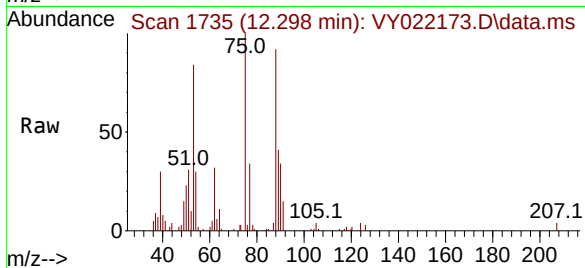




#81
trans-1,4-Dichloro-2-butene
Concen: 20.325 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

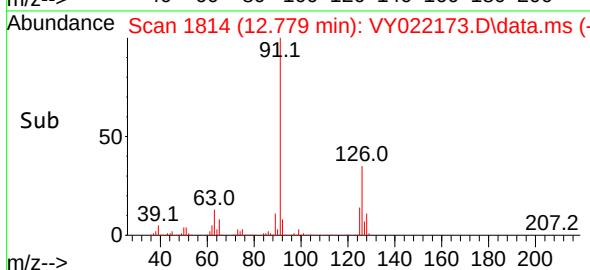
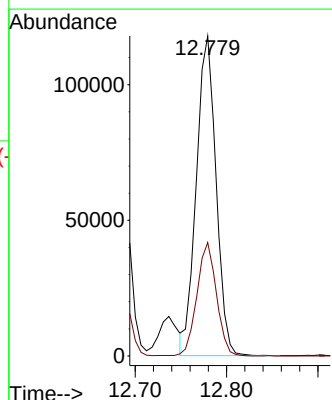
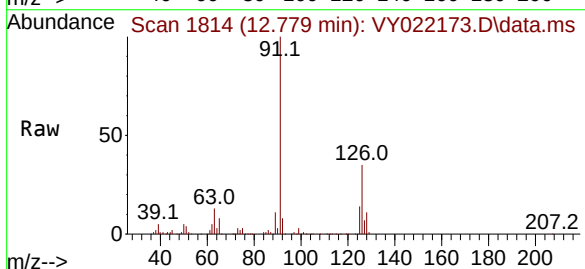
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

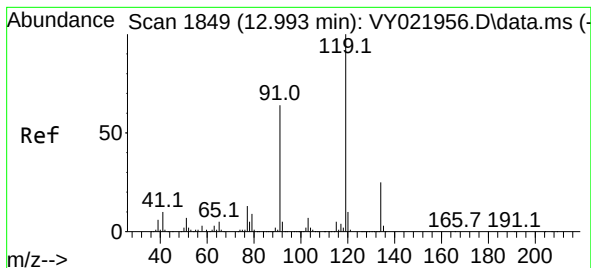
Tgt Ion: 75 Resp: 12061
Ion Ratio Lower Upper
75 100
53 86.5 66.0 99.0
89 43.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 22.004 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 91 Resp: 176577
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.755 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

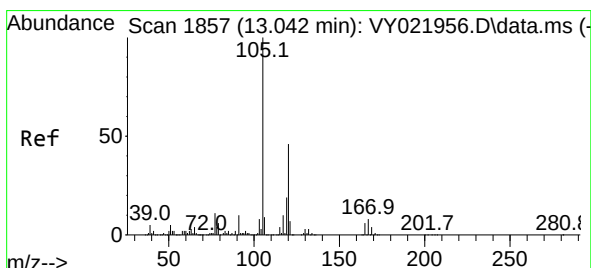
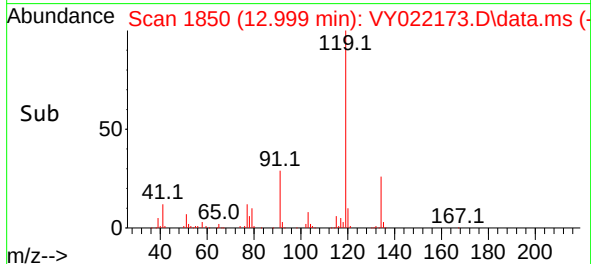
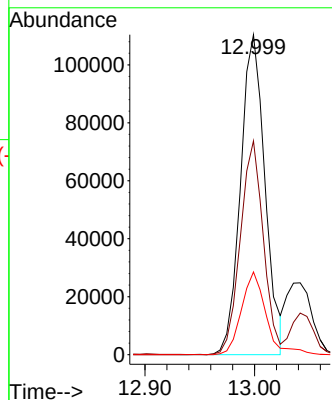
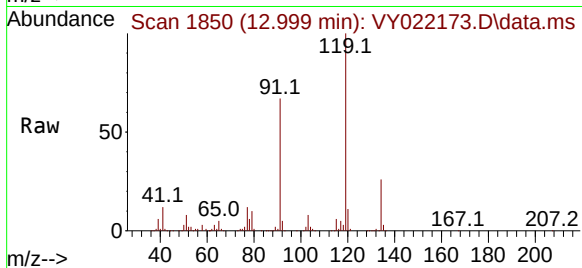
Tgt Ion:119 Resp: 170956

Ion Ratio Lower Upper

119 100

91 62.8 30.3 90.9

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.740 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022173.D

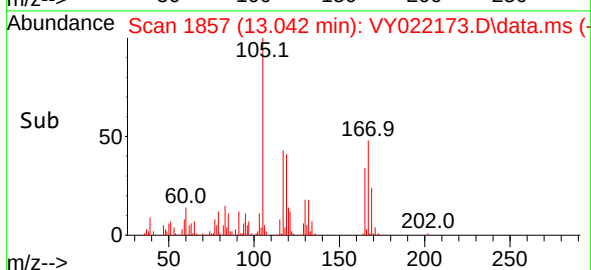
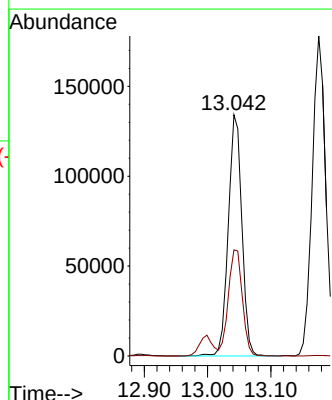
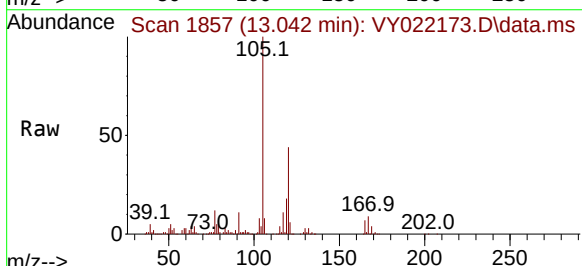
Acq: 06 May 2025 10:39

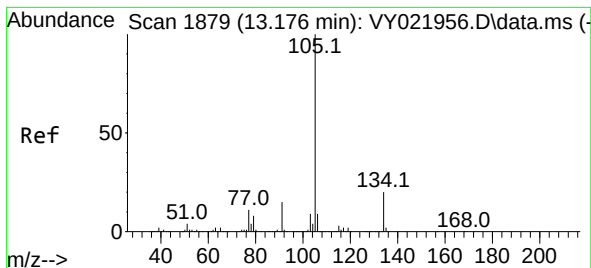
Tgt Ion:105 Resp: 199708

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.603 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

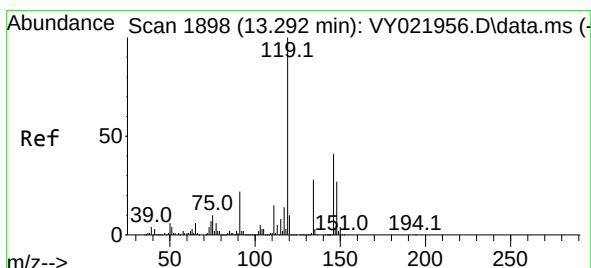
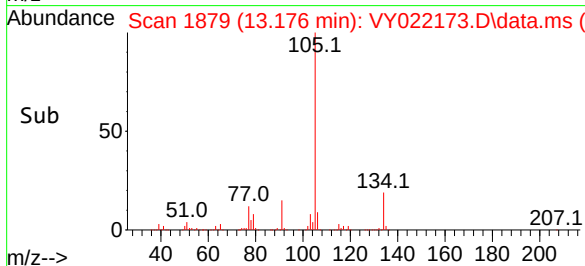
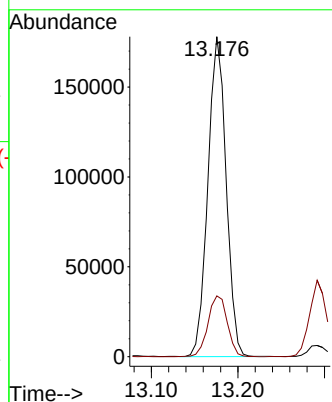
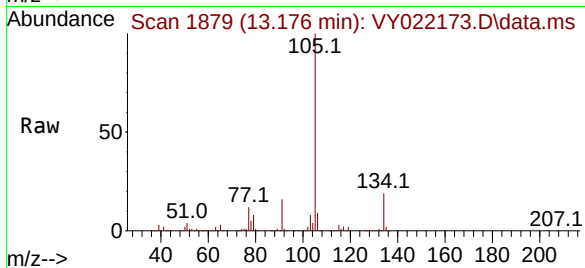
VY0506SBS01

Tgt Ion:105 Resp: 260374

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 21.280 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

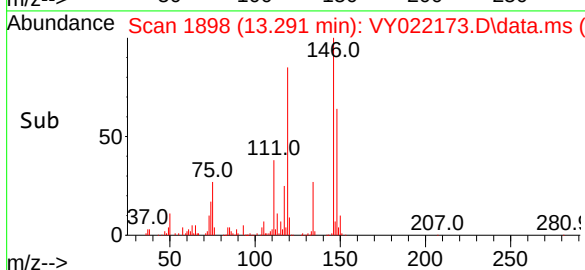
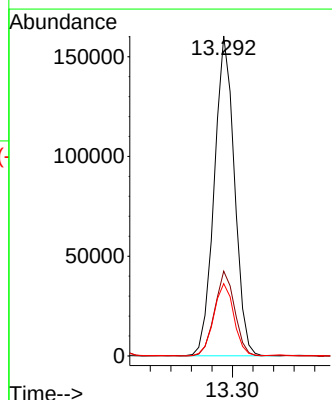
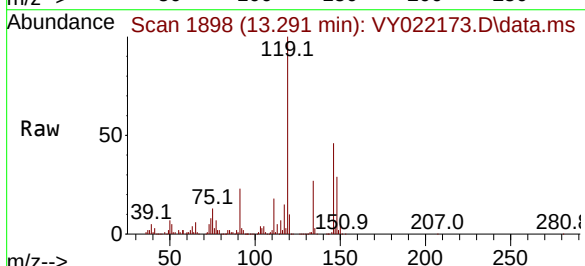
Tgt Ion:119 Resp: 217790

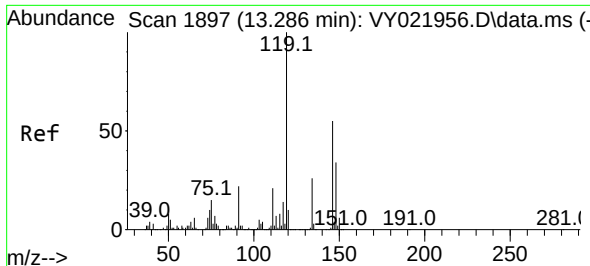
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.7

91 22.6 11.0 33.0

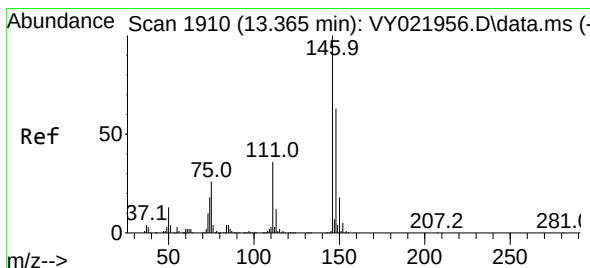
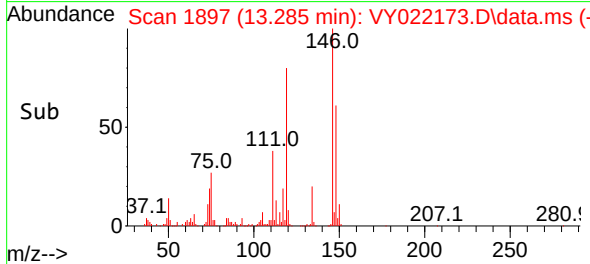
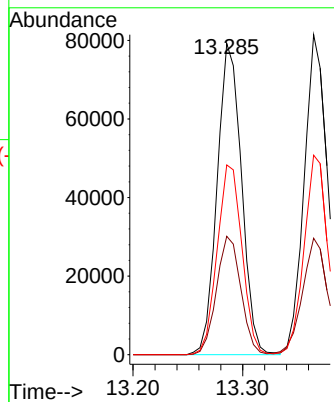
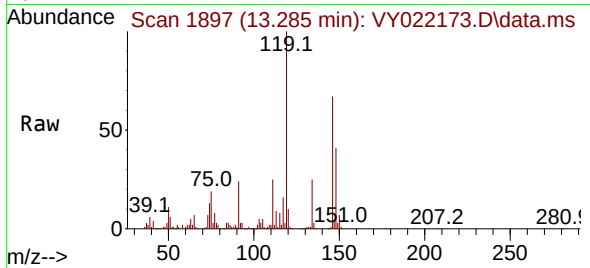




#87
 1,3-Dichlorobenzene
 Concen: 21.390 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

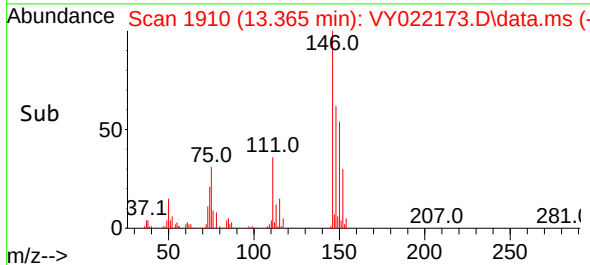
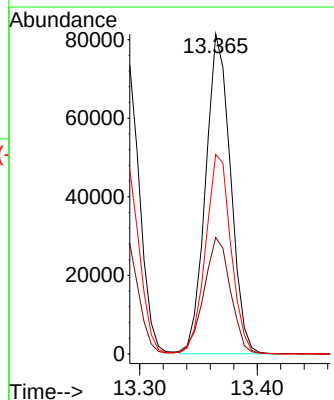
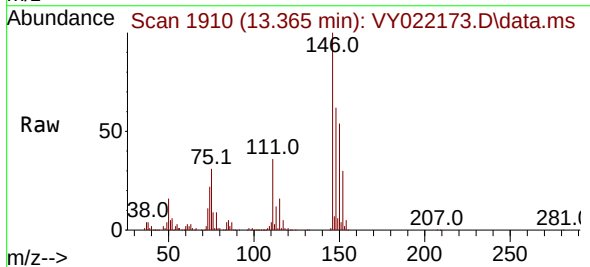
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

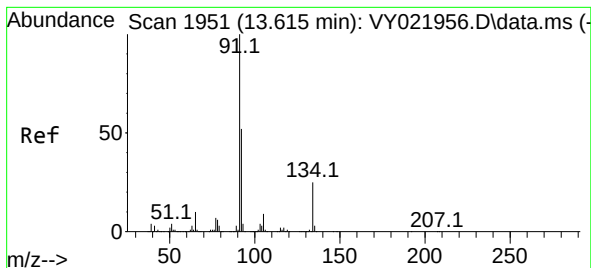
Tgt Ion:146 Resp: 122359
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 62.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.151 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022173.D
 Acq: 06 May 2025 10:39

Tgt Ion:146 Resp: 119833
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 21.244 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

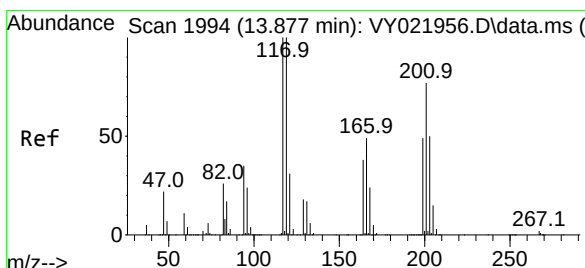
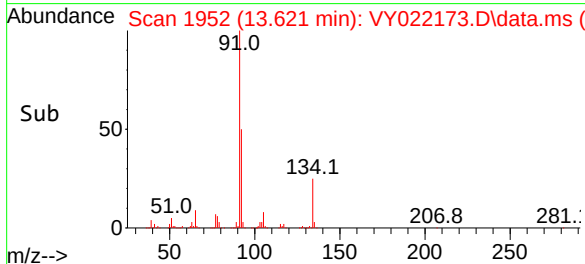
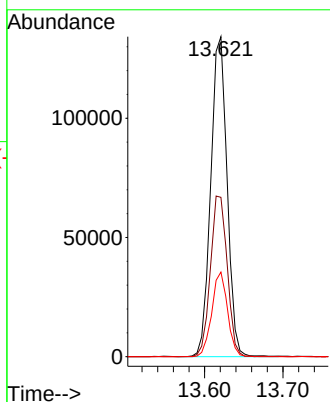
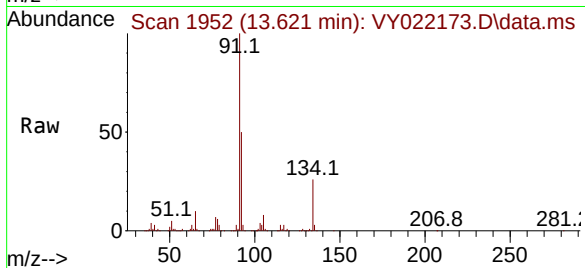
Tgt Ion: 91 Resp: 194343

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 25.5 13.4 40.1



#90

Hexachloroethane

Concen: 21.533 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022173.D

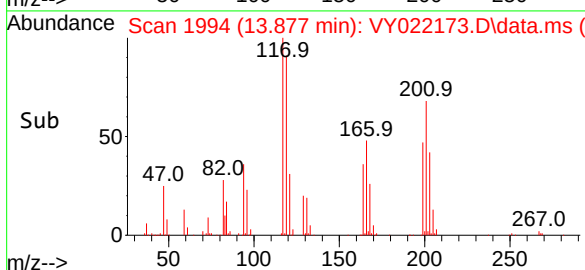
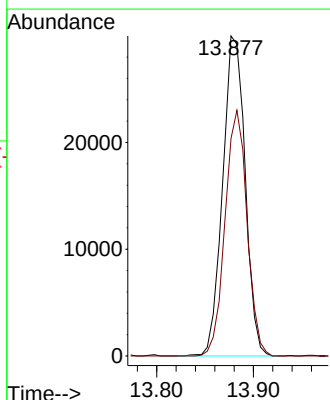
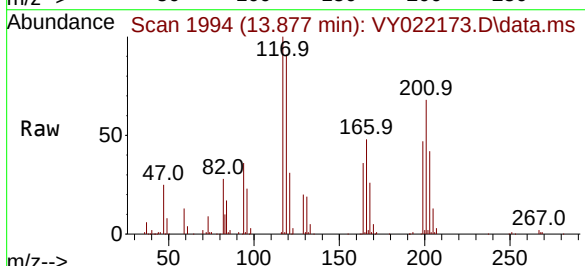
Acq: 06 May 2025 10:39

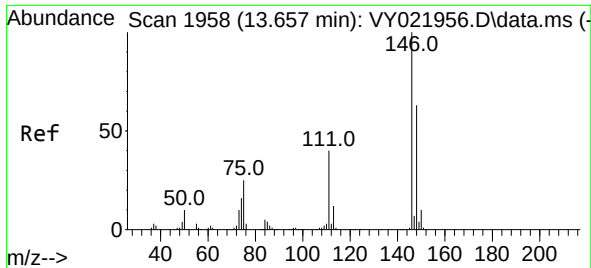
Tgt Ion: 117 Resp: 48419

Ion Ratio Lower Upper

117 100

201 75.0 38.7 116.1

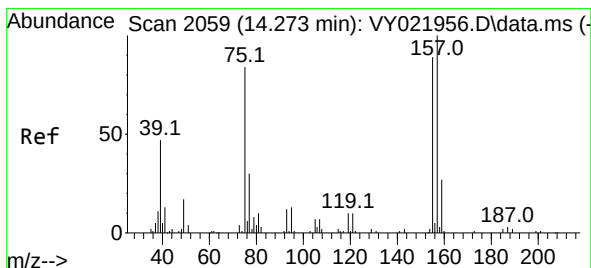
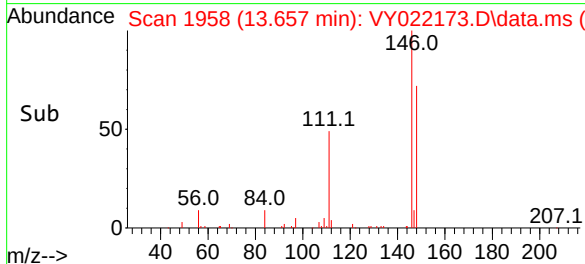
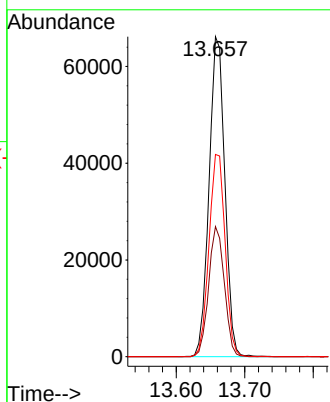
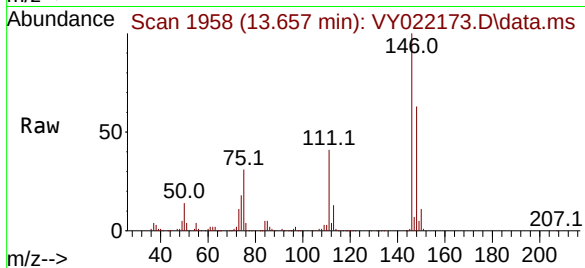




#91
1,2-Dichlorobenzene
Concen: 21.192 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

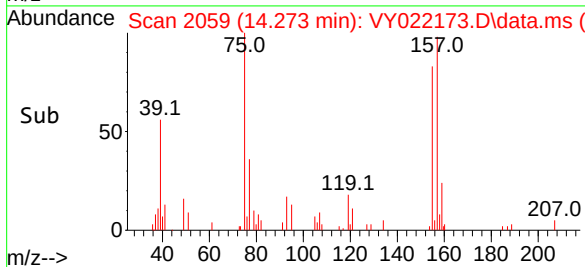
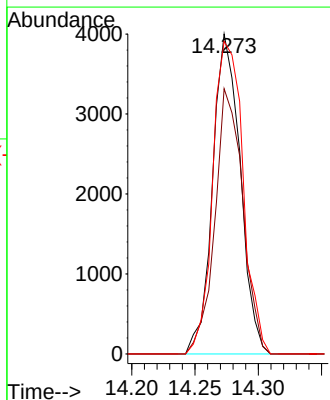
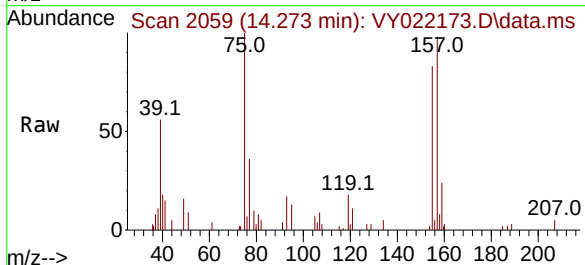
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

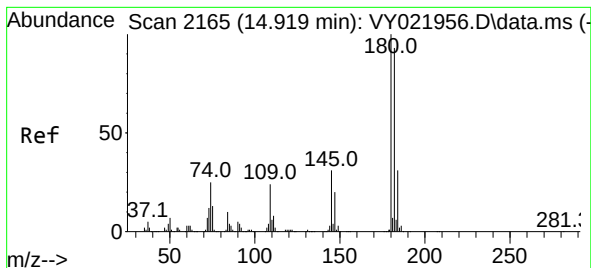
Tgt Ion:146 Resp: 105734
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.1
148 64.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.245 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022173.D
Acq: 06 May 2025 10:39

Tgt Ion: 75 Resp: 6053
Ion Ratio Lower Upper
75 100
155 83.8 50.7 152.3
157 106.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.627 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

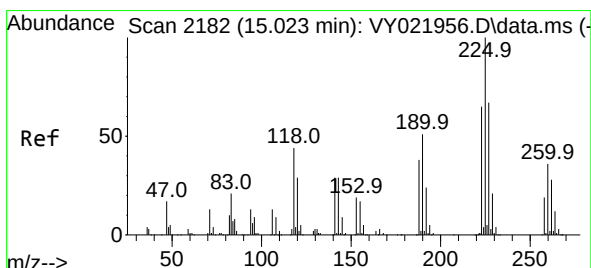
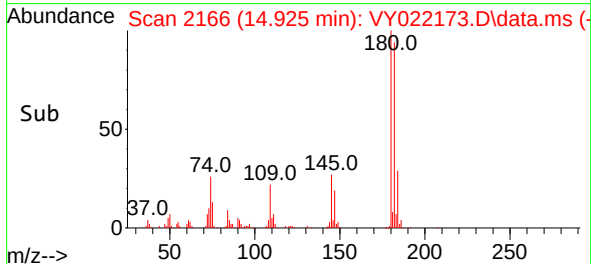
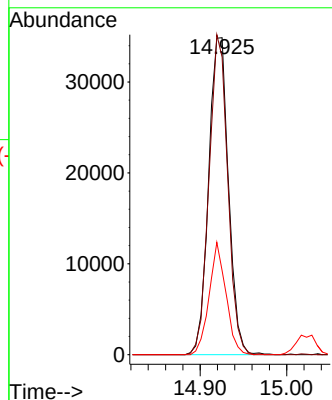
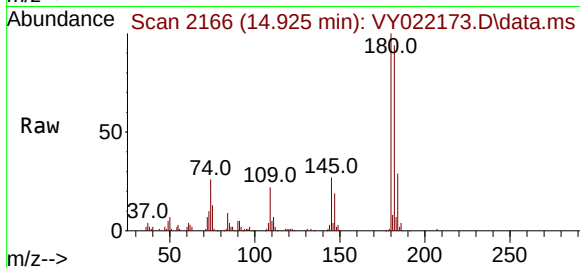
Tgt Ion:180 Resp: 55492

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 21.679 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

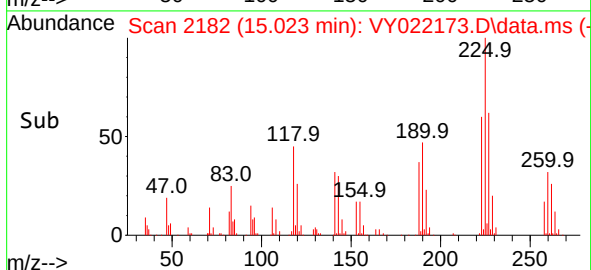
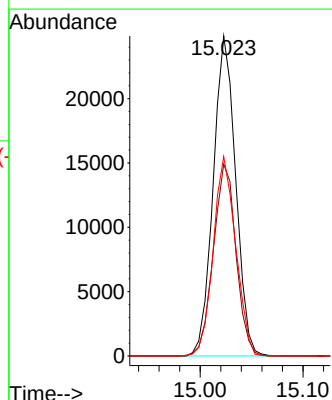
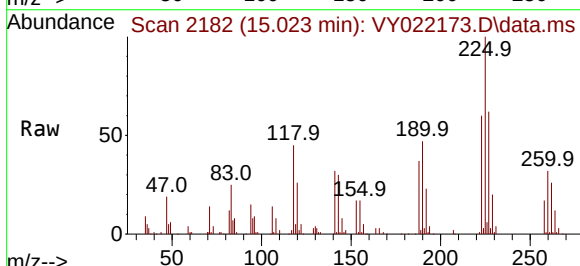
Tgt Ion:225 Resp: 37712

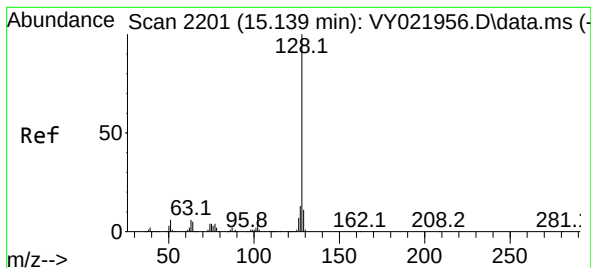
Ion Ratio Lower Upper

225 100

223 60.5 31.9 95.5

227 62.3 32.3 96.9





#95

Naphthalene

Concen: 17.699 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBS01

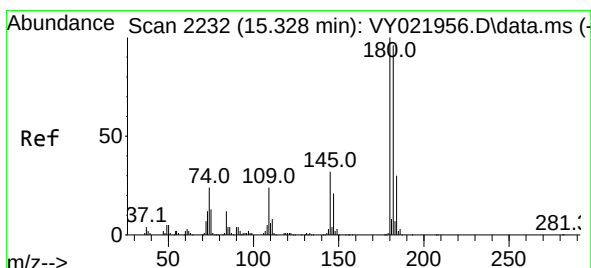
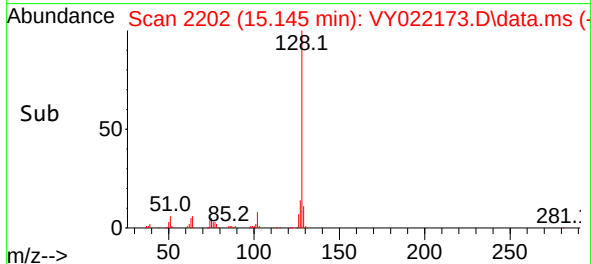
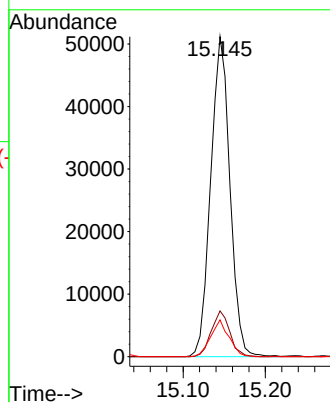
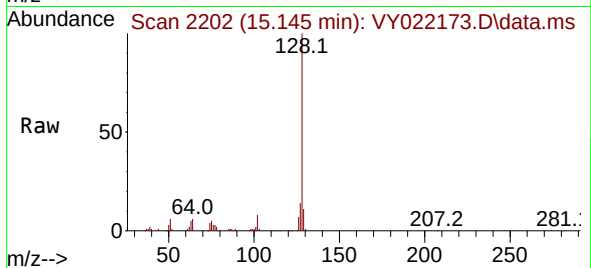
Tgt Ion:128 Resp: 83127

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.938 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022173.D

Acq: 06 May 2025 10:39

Tgt Ion:180 Resp: 48660

Ion Ratio Lower Upper

180 100

182 92.0 48.1 144.4

145 30.1 16.0 48.0

