

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022905.D
 Acq On : 02 Jul 2025 12:12
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Quant Time: Jul 03 02:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	424569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	714057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	598160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	274634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235952	49.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.580%
35) Dibromofluoromethane	7.634	113	225723	51.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.109	98	894461	51.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.401	95	270945	48.912	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73759	20.316	ug/l	96
3) Chloromethane	2.068	50	157084	22.659	ug/l	99
4) Vinyl Chloride	2.202	62	174099	20.101	ug/l	99
5) Bromomethane	2.592	94	148843	21.860	ug/l	99
6) Chloroethane	2.732	64	123901	21.282	ug/l	97
7) Trichlorofluoromethane	3.050	101	185784	19.372	ug/l	95
8) Diethyl Ether	3.452	74	49188	20.766	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	91614	20.904	ug/l	98
10) Methyl Iodide	4.001	142	88307	18.506	ug/l	100
11) Tert butyl alcohol	4.897	59	25331	80.394	ug/l	96
12) 1,1-Dichloroethene	3.787	96	88873	20.680	ug/l	95
13) Acrolein	3.653	56	30982	72.514	ug/l	98
14) Allyl chloride	4.385	41	140059	21.189	ug/l	94
15) Acrylonitrile	5.061	53	91750	92.839	ug/l	99
16) Acetone	3.879	43	96673	107.938	ug/l	96
17) Carbon Disulfide	4.104	76	285725	20.581	ug/l	99
18) Methyl Acetate	4.385	43	50397	16.991	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	222175	18.987	ug/l	97
20) Methylene Chloride	4.610	84	124394	21.993	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	100601	20.483	ug/l	99
22) Diisopropyl ether	6.025	45	308336	21.004	ug/l	96
23) Vinyl Acetate	5.964	43	812436	100.210	ug/l	99
24) 1,1-Dichloroethane	5.915	63	186164	20.996	ug/l	99
25) 2-Butanone	6.896	43	126649	97.159	ug/l	98
26) 2,2-Dichloropropane	6.884	77	158500	21.325	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	115091	20.166	ug/l	97
28) Bromochloromethane	7.244	49	75134	20.155	ug/l	97
29) Tetrahydrofuran	7.268	42	73905	89.788	ug/l	99
30) Chloroform	7.421	83	188954	20.690	ug/l	94
31) Cyclohexane	7.701	56	172610	21.207	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	164400	20.831	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136737	20.774	ug/l	99
37) Ethyl Acetate	6.988	43	55440	19.519	ug/l	97
38) Carbon Tetrachloride	7.817	117	142274	20.485	ug/l	99
39) Methylcyclohexane	9.109	83	175349	20.586	ug/l	97
40) Benzene	8.079	78	417754	20.643	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	33907	19.391	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	110820	19.983	ug/l	99
43) Isopropyl Acetate	8.201	43	106535	18.047	ug/l	100
44) Trichloroethene	8.866	130	100970	19.872	ug/l	97
45) 1,2-Dichloropropane	9.140	63	98745	20.848	ug/l	93
46) Dibromomethane	9.231	93	50099	18.633	ug/l	95
47) Bromodichloromethane	9.426	83	137237	19.794	ug/l	97
48) Methyl methacrylate	9.219	41	52213	18.398	ug/l	93
49) 1,4-Dioxane	9.237	88	10841	341.272	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	267882	89.297	ug/l	97
52) Toluene	10.170	92	256209	20.067	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	120668	19.343	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	146357	20.234	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	66898	19.215	ug/l	94
56) Ethyl methacrylate	10.438	69	83593	17.846	ug/l	94
57) 1,3-Dichloropropane	10.713	76	115303	18.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	207244	94.563	ug/l	99
59) 2-Hexanone	10.762	43	183863	90.148	ug/l	99
60) Dibromochloromethane	10.908	129	84438	18.776	ug/l	99
61) 1,2-Dibromoethane	11.011	107	59702	18.325	ug/l	98
64) Tetrachloroethene	10.646	164	111566	19.743	ug/l	98
65) Chlorobenzene	11.438	112	267982	20.389	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	88130	19.797	ug/l	98
67) Ethyl Benzene	11.518	91	475405	20.586	ug/l	100
68) m/p-Xylenes	11.627	106	362056	40.558	ug/l	99
69) o-Xylene	11.950	106	168231	20.000	ug/l	98
70) Styrene	11.969	104	277444	19.692	ug/l	100
71) Bromoform	12.133	173	45687	18.431	ug/l #	97
73) Isopropylbenzene	12.255	105	442479	21.785	ug/l	100
74) N-amyl acetate	12.066	43	89392	19.608	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	68209	20.837	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	92861	33.120	ug/l #	100
77) Bromobenzene	12.530	156	95387	20.719	ug/l	99
78) n-propylbenzene	12.597	91	535170	21.824	ug/l	98
79) 2-Chlorotoluene	12.676	91	301072	21.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	352500	21.499	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	21683	19.538	ug/l	98
82) 4-Chlorotoluene	12.773	91	306721	21.076	ug/l	100
83) tert-Butylbenzene	12.993	119	319348	22.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	348148	21.208	ug/l	99
85) sec-Butylbenzene	13.176	105	476969	21.923	ug/l	99
86) p-Isopropyltoluene	13.292	119	388241	21.443	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	188954	20.436	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	188266	20.498	ug/l	98
89) n-Butylbenzene	13.615	91	365542	21.464	ug/l	99
90) Hexachloroethane	13.877	117	78274	21.706	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	164154	20.146	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	10173	18.326	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	84875	18.449	ug/l	98
94) Hexachlorobutadiene	15.023	225	51596	19.833	ug/l	99
95) Naphthalene	15.145	128	135120	16.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	71165	17.901	ug/l	99

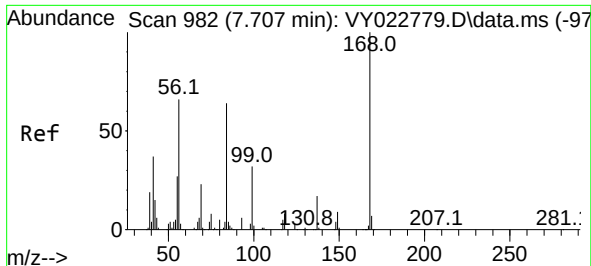
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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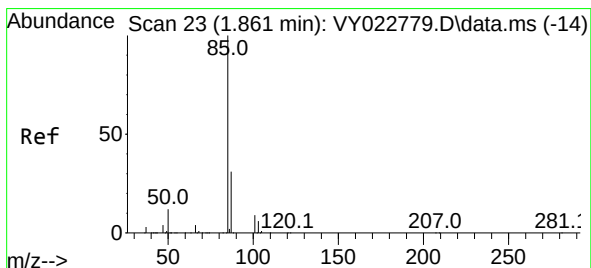
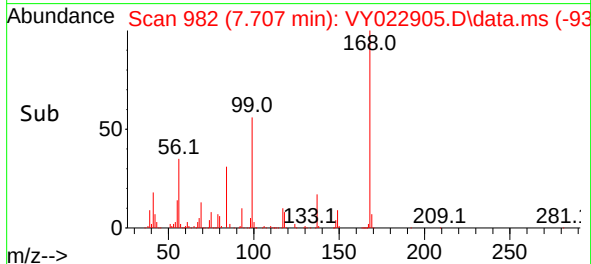
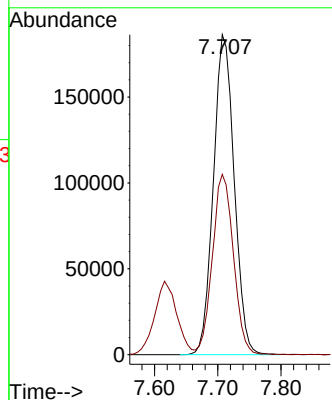
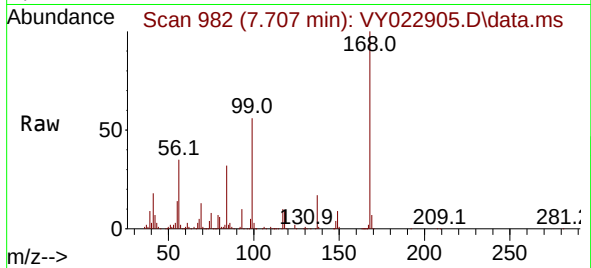
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

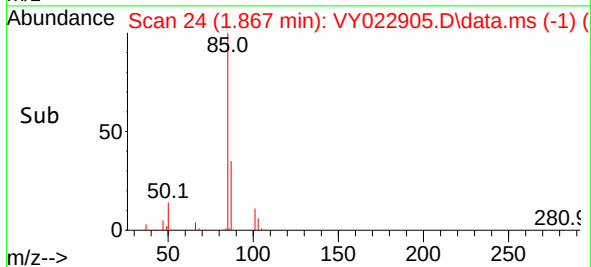
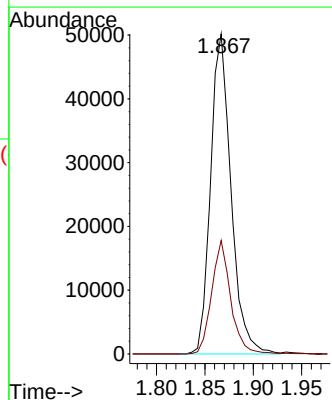
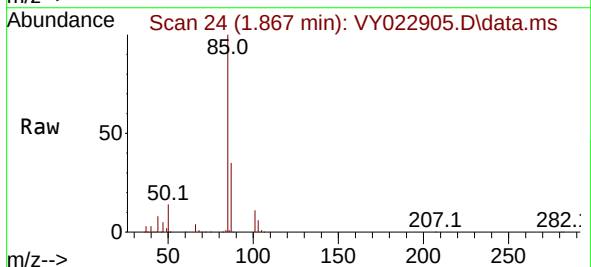
Instrument :
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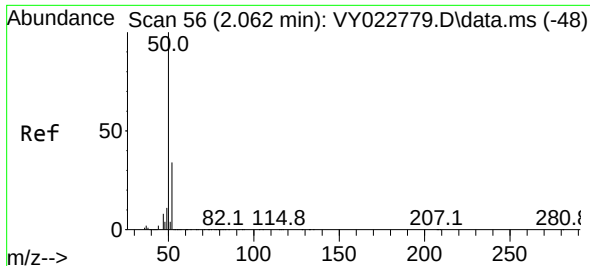
Tgt Ion:168 Resp: 424569
Ion Ratio Lower Upper
168 100
99 56.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.316 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 85 Resp: 73759
Ion Ratio Lower Upper
85 100
87 35.5 16.7 50.0

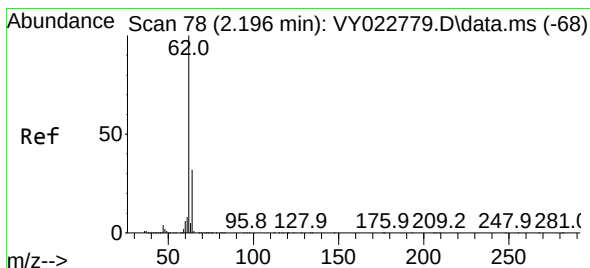
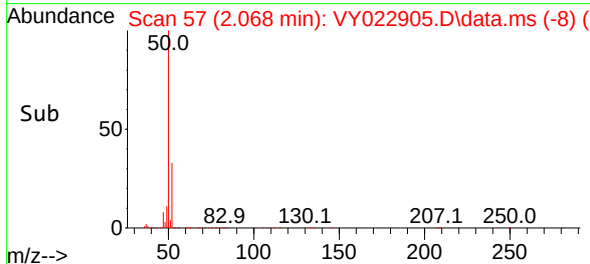
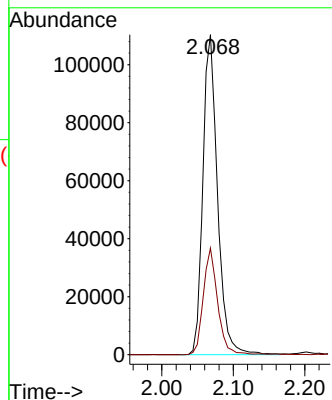
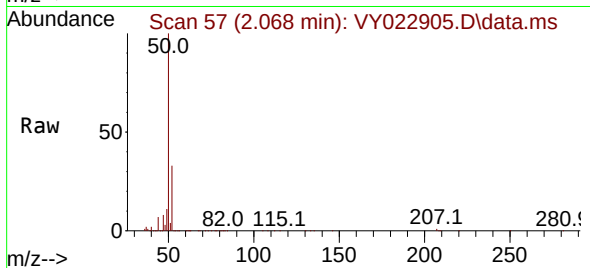




#3
Chloromethane
Concen: 22.659 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

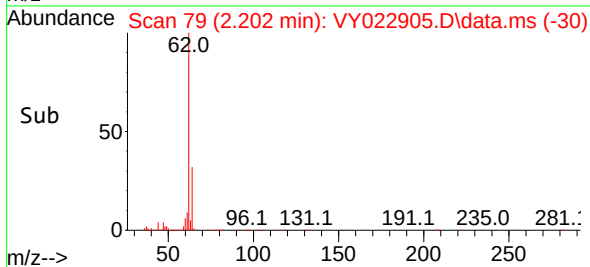
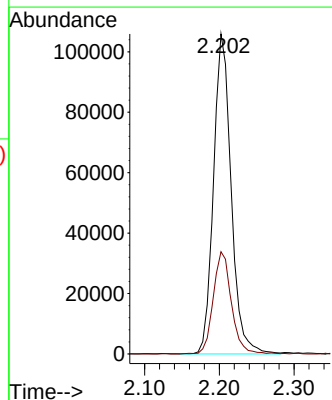
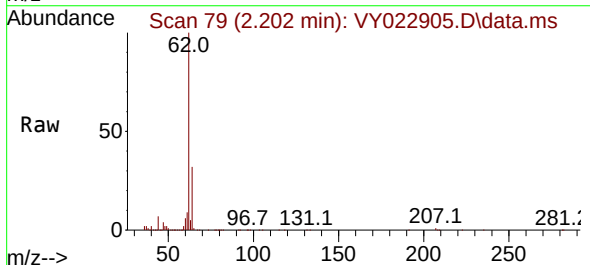
Instrument :
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ClientSampleId :
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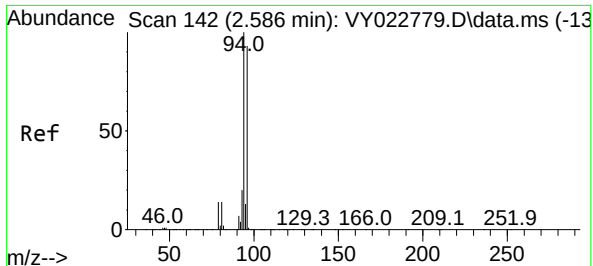
Tgt Ion: 50 Resp: 157084
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 20.101 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 62 Resp: 174099
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

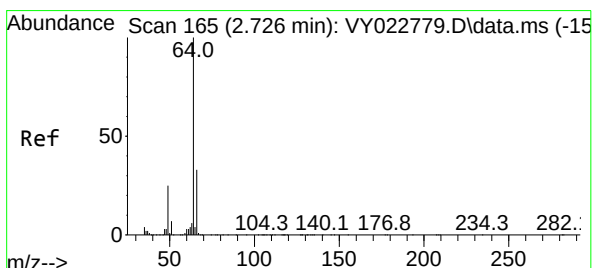
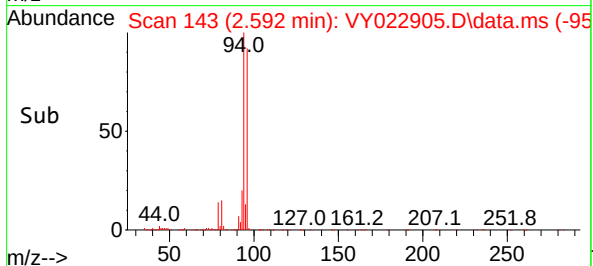
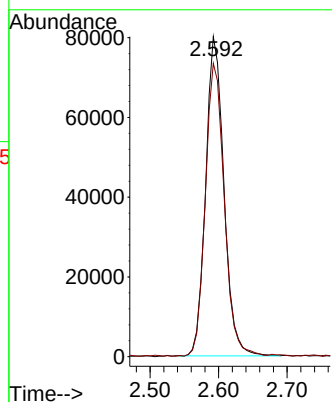
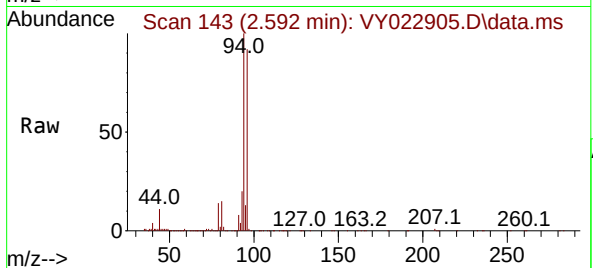




#5
Bromomethane
Concen: 21.860 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

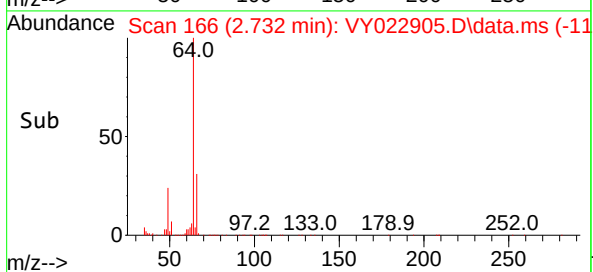
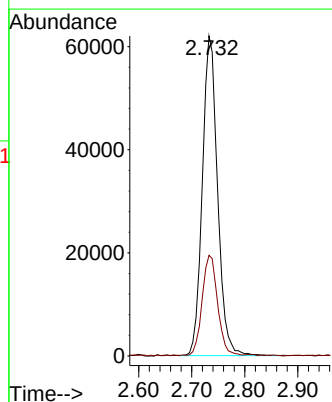
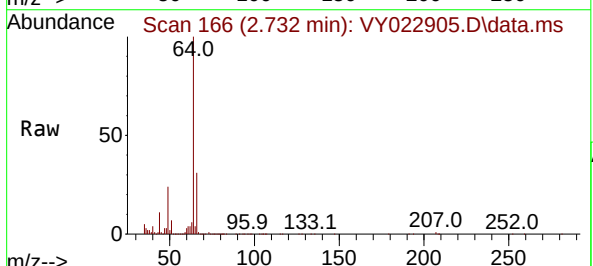
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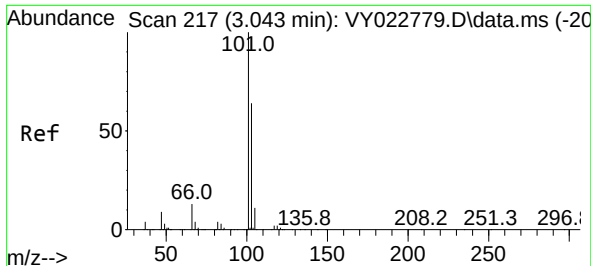
Tgt Ion: 94 Resp: 148843
Ion Ratio Lower Upper
94 100
96 91.5 74.0 111.0



#6
Chloroethane
Concen: 21.282 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 64 Resp: 123901
Ion Ratio Lower Upper
64 100
66 31.4 23.8 35.6

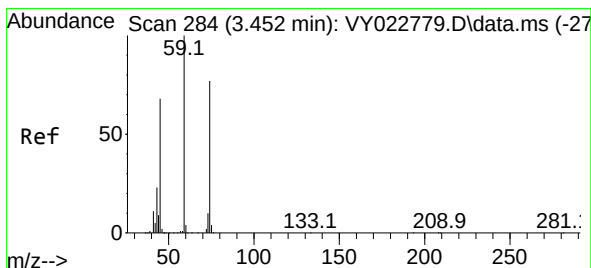
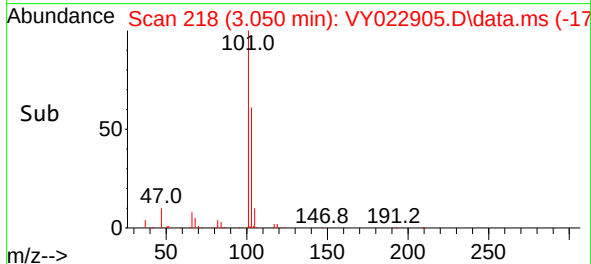
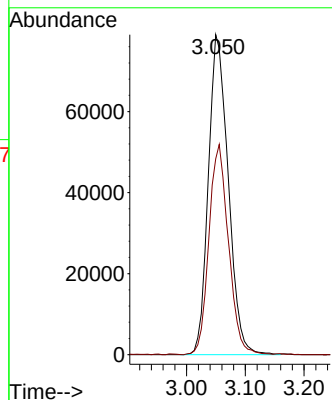
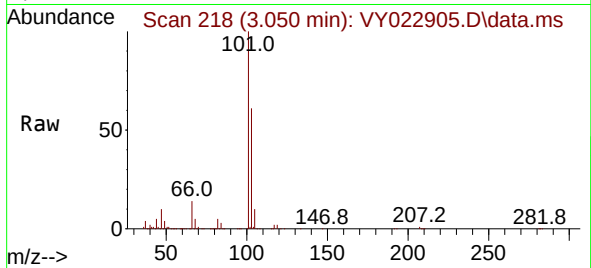




#7
 Trichlorofluoromethane
 Concen: 19.372 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

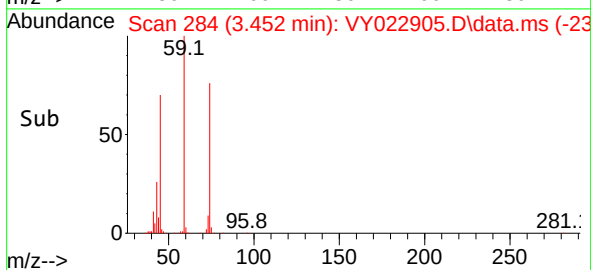
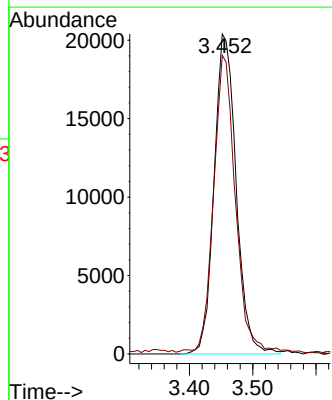
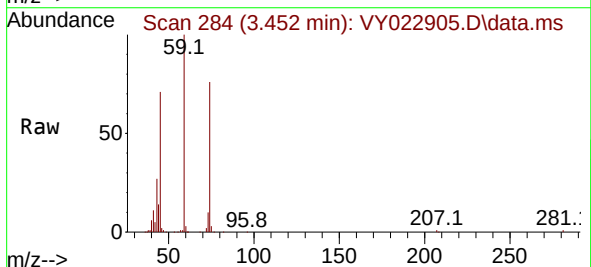
Instrument :
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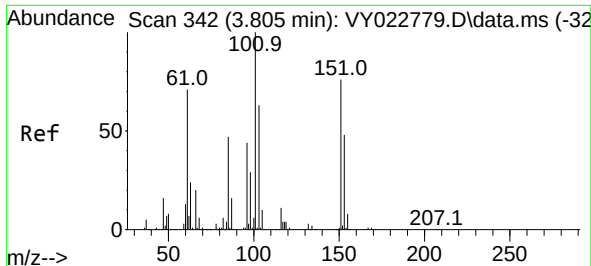
Tgt Ion:101 Resp: 185784
 Ion Ratio Lower Upper
 101 100
 103 61.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.766 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion: 74 Resp: 49188
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.9 137.6

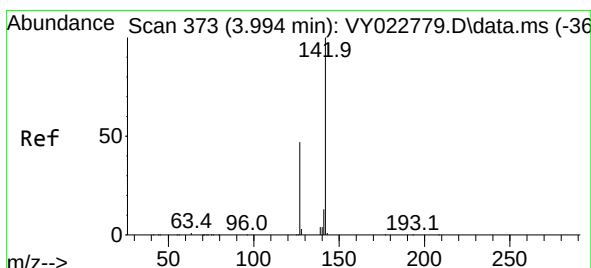
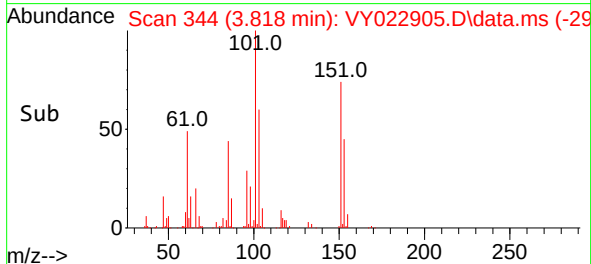
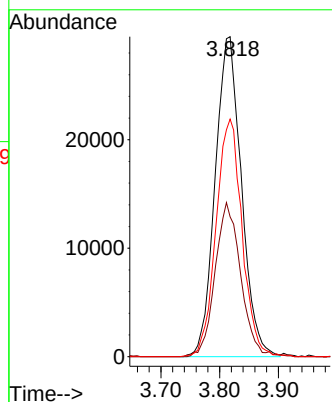
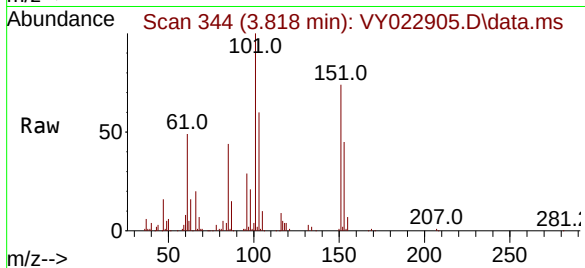




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.904 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022905.D
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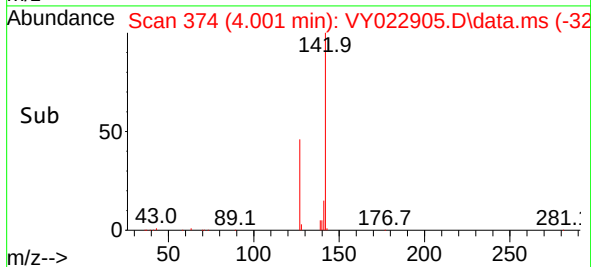
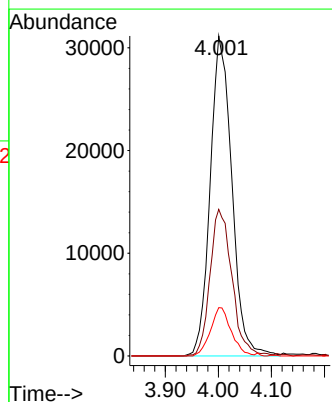
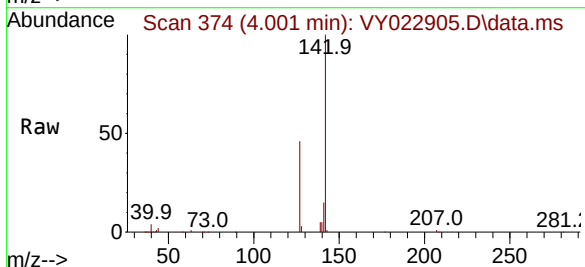
Instrument :
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ClientSampleId :
VY0702SBS01

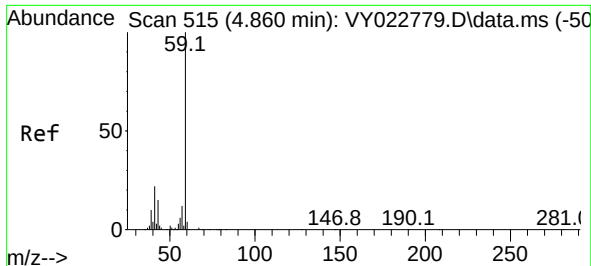
Tgt Ion:101 Resp: 91614
Ion Ratio Lower Upper
101 100
85 46.8 39.3 58.9
151 73.7 57.8 86.8



#10
Methyl Iodide
Concen: 18.506 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion:142 Resp: 88307
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 14.5 11.4 17.2

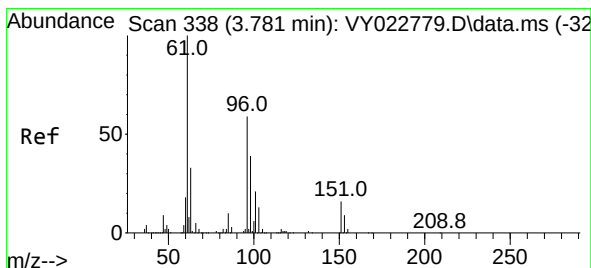
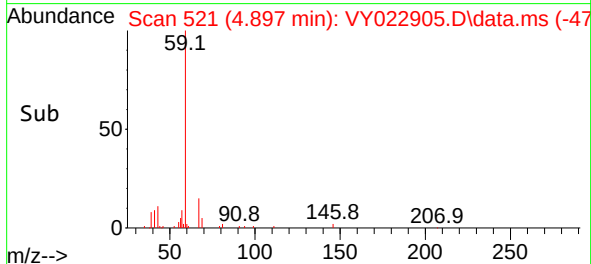
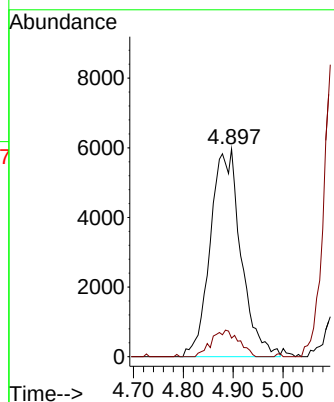
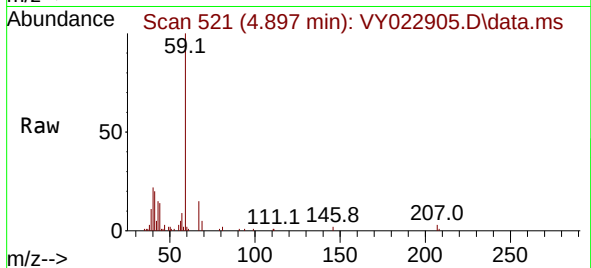




#11
Tert butyl alcohol
Concen: 80.394 ug/l
RT: 4.897 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

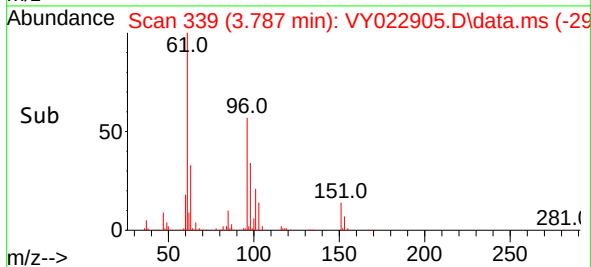
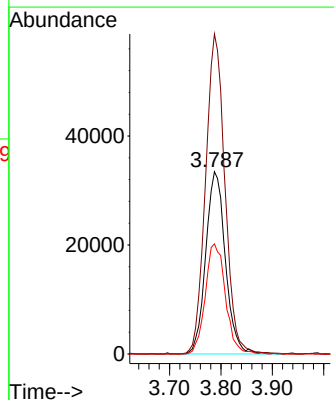
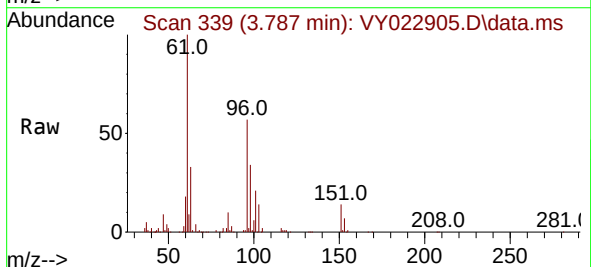
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

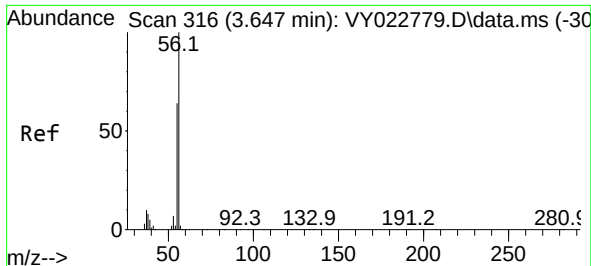
Tgt Ion: 59 Resp: 25331
Ion Ratio Lower Upper
59 100
57 11.5 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.680 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 96 Resp: 88873
Ion Ratio Lower Upper
96 100
61 175.7 134.6 201.8
98 60.5 50.2 75.4

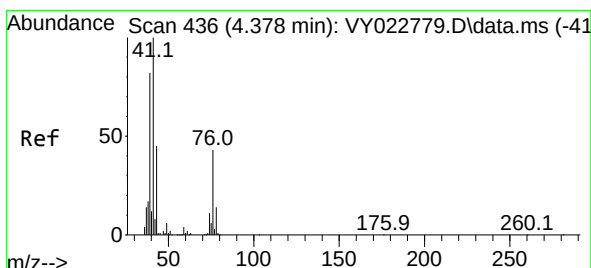
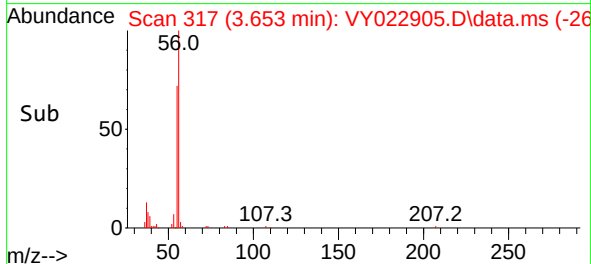
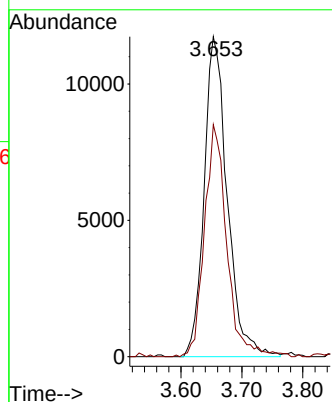
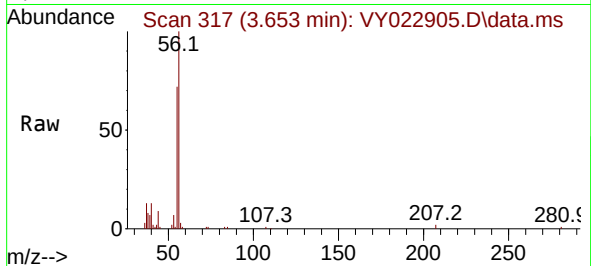




#13
Acrolein
Concen: 72.514 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

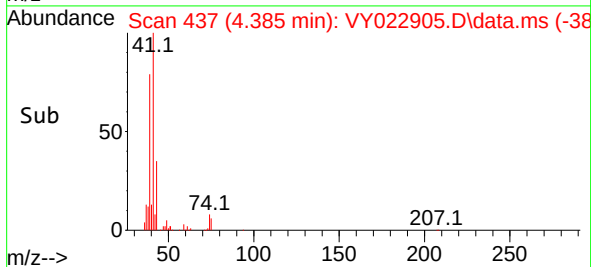
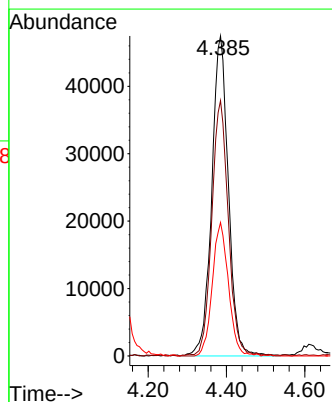
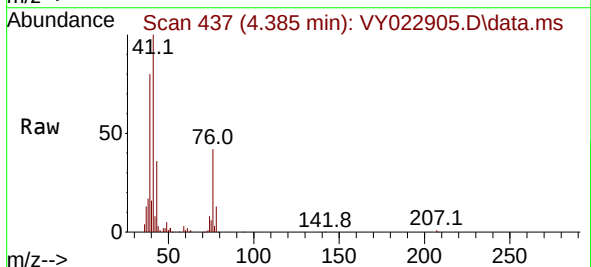
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

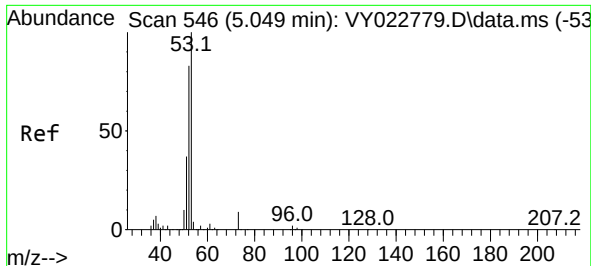
Tgt Ion: 56 Resp: 30982
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.6



#14
Allyl chloride
Concen: 21.189 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 41 Resp: 140059
Ion Ratio Lower Upper
41 100
39 79.1 69.1 103.7
76 40.4 33.5 50.3

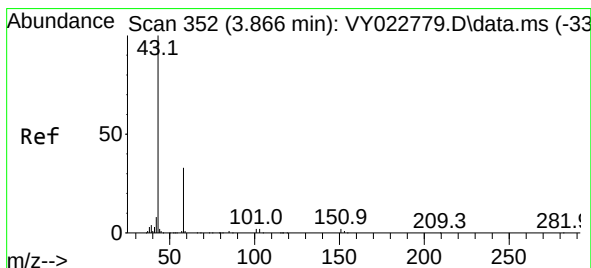
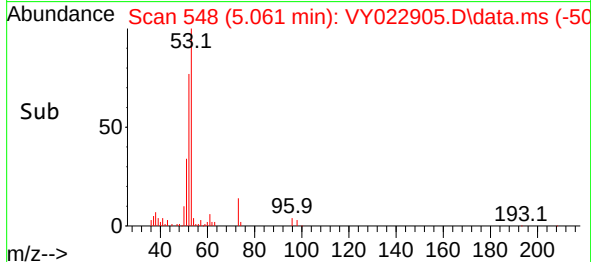
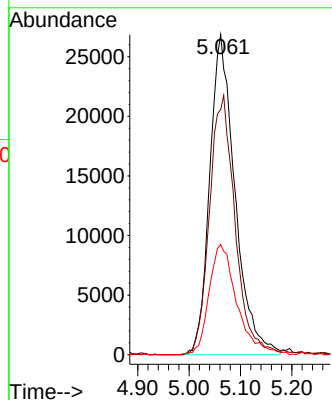
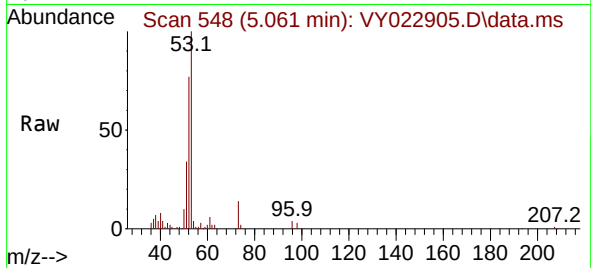




#15
Acrylonitrile
Concen: 92.839 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

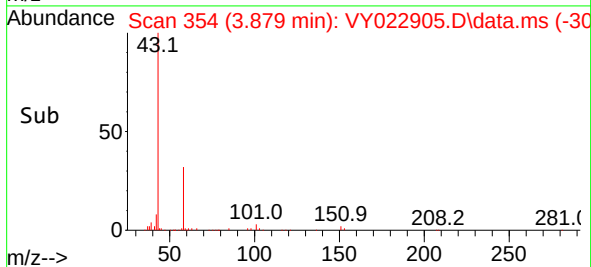
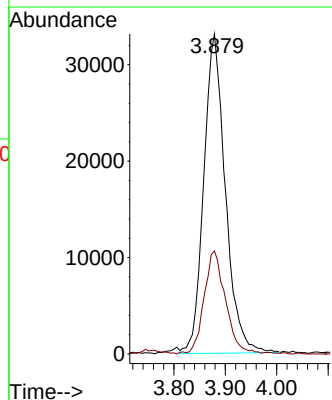
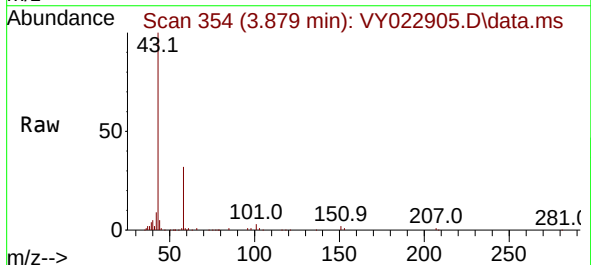
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

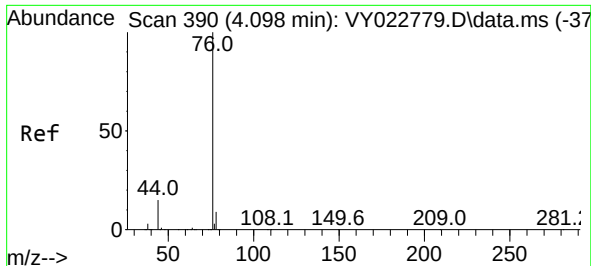
Tgt Ion: 53 Resp: 91750
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 38.0 30.1 45.1



#16
Acetone
Concen: 107.938 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 43 Resp: 96673
Ion Ratio Lower Upper
43 100
58 32.2 24.0 36.0

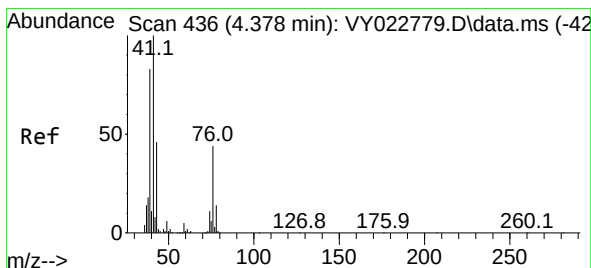
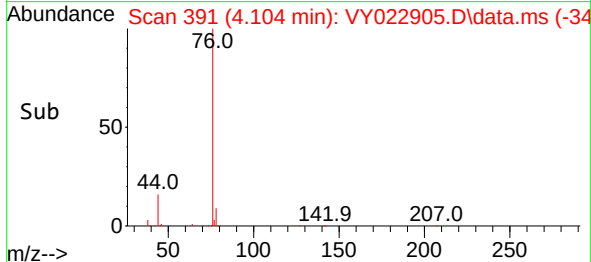
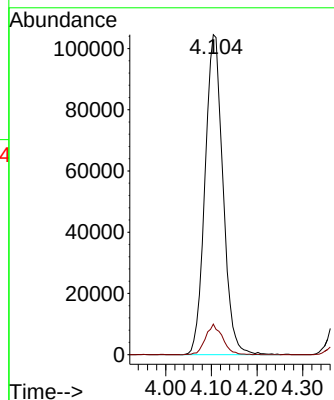
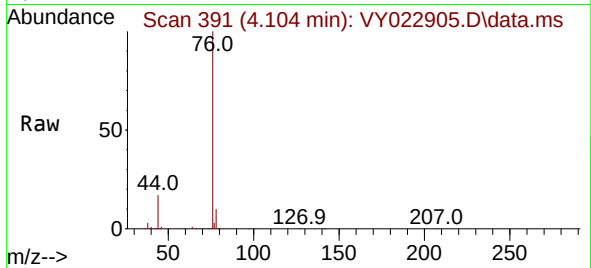




#17
Carbon Disulfide
Concen: 20.581 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

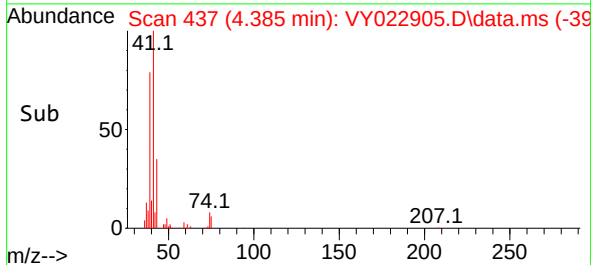
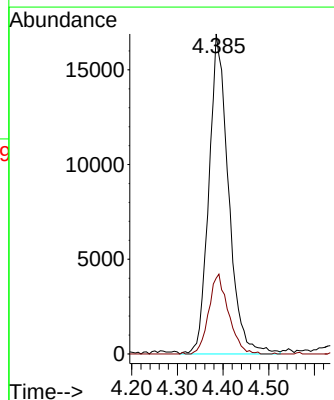
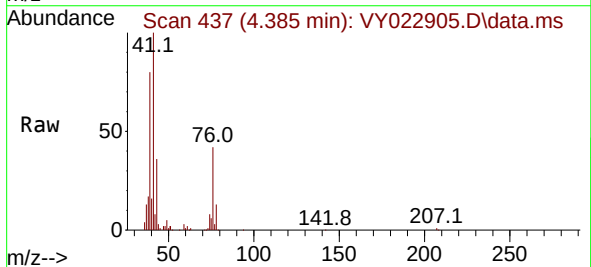
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

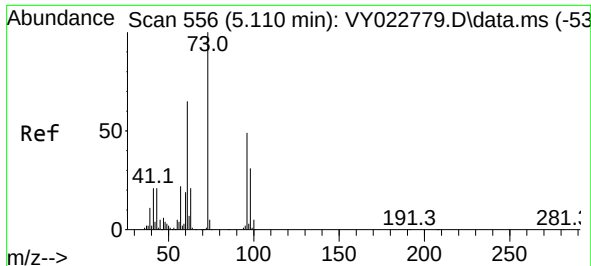
Tgt Ion: 76 Resp: 285725
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 16.991 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 43 Resp: 50397
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6

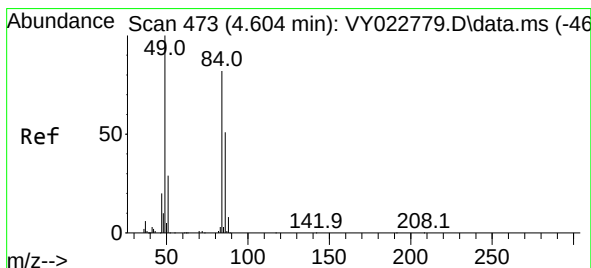
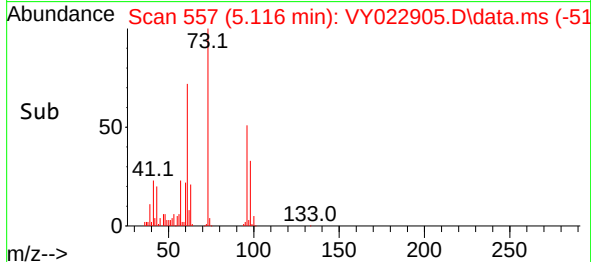
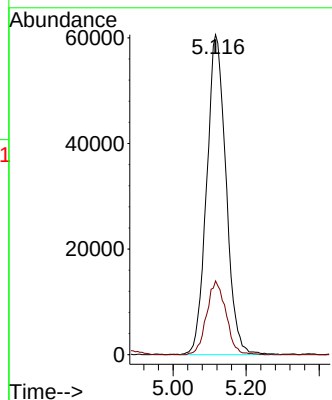
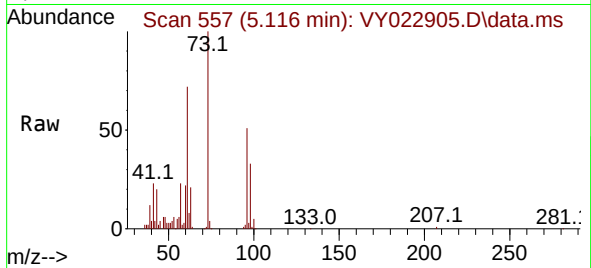




#19
Methyl tert-butyl Ether
Concen: 18.987 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

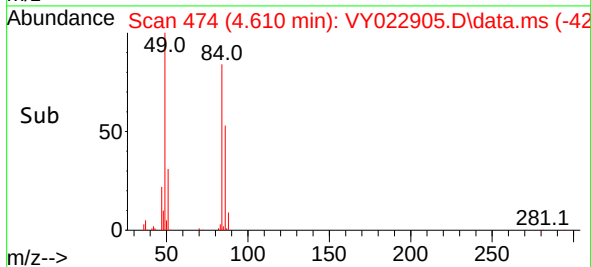
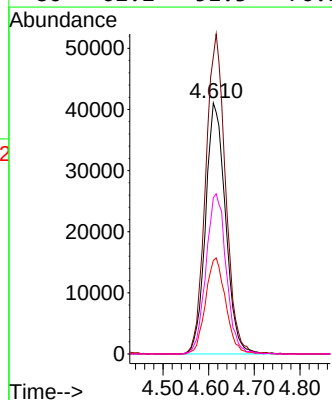
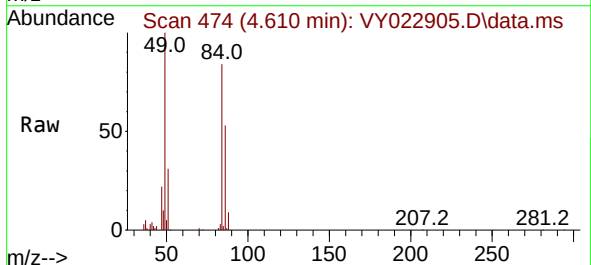
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

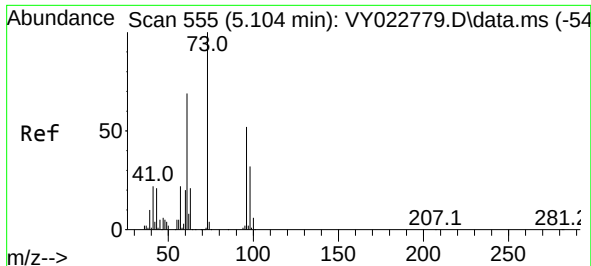
Tgt Ion: 73 Resp: 222175
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 21.993 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 84 Resp: 124394
Ion Ratio Lower Upper
84 100
49 118.4 101.9 152.9
51 37.2 29.8 44.8
86 62.2 51.3 76.9

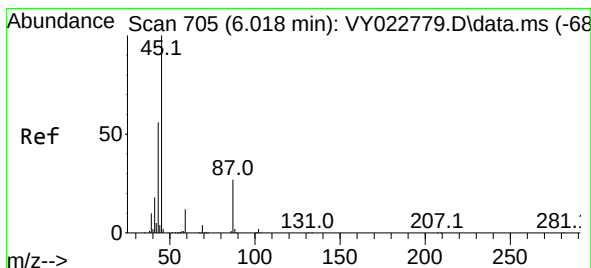
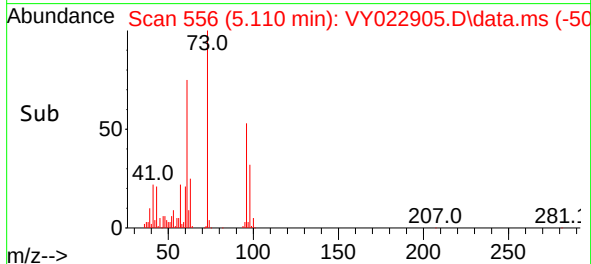
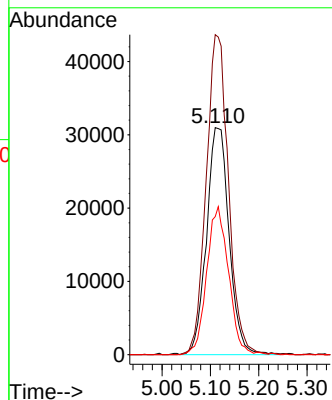
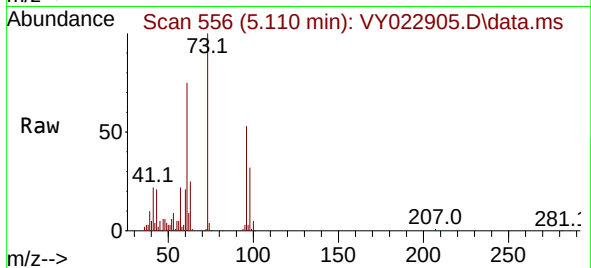




#21
trans-1,2-Dichloroethene
Concen: 20.483 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

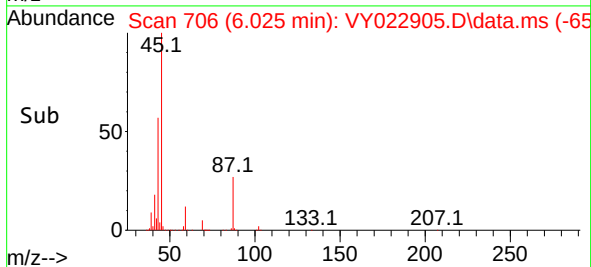
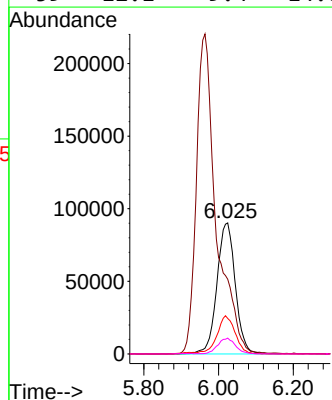
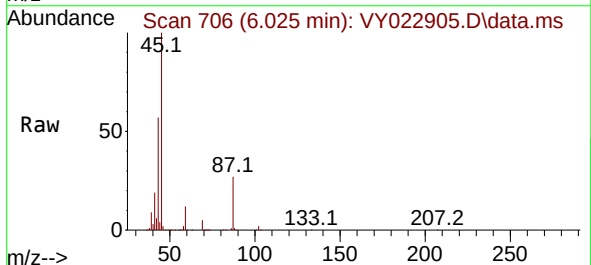
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

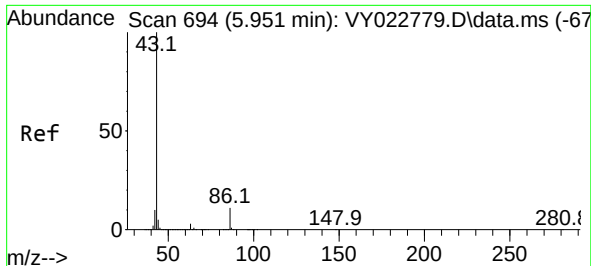
Tgt Ion: 96 Resp: 100601
Ion Ratio Lower Upper
96 100
61 140.8 112.6 169.0
98 60.8 50.6 75.8



#22
Diisopropyl ether
Concen: 21.004 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 45 Resp: 308336
Ion Ratio Lower Upper
45 100
43 56.6 48.3 72.5
87 27.2 23.0 34.6
59 12.1 9.4 14.0

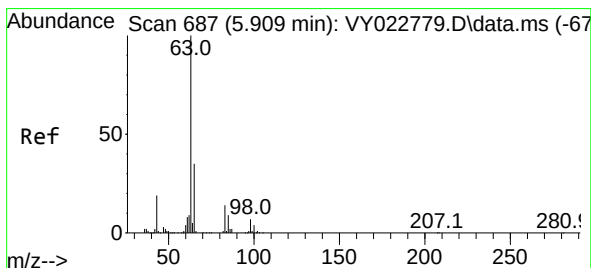
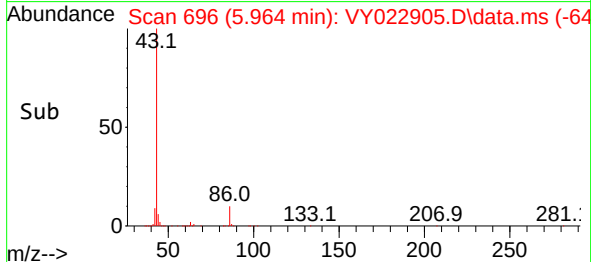
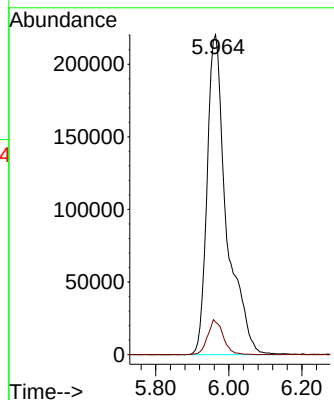
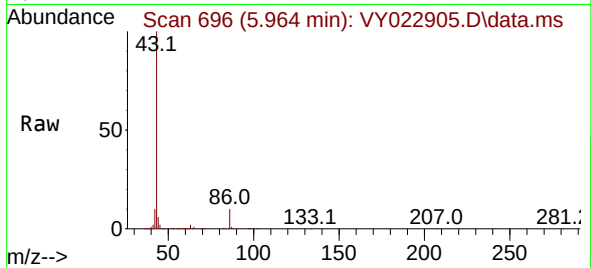




#23
 Vinyl Acetate
 Concen: 100.210 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

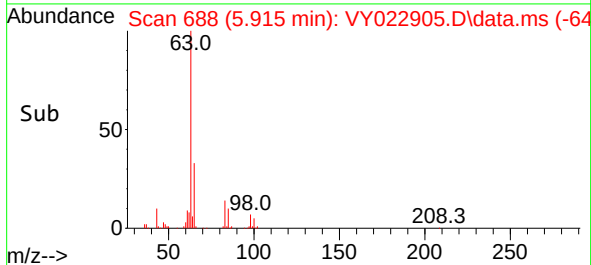
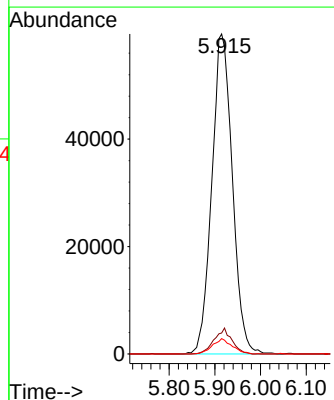
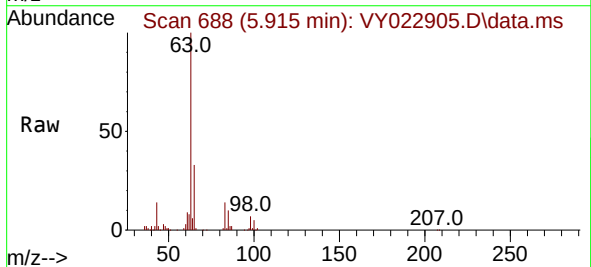
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

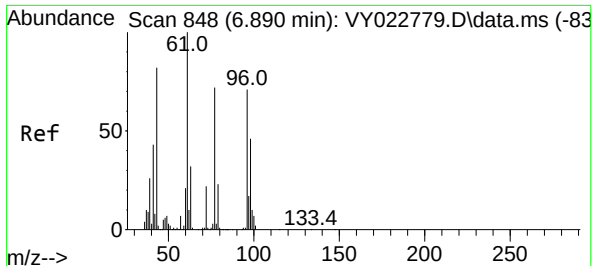
Tgt Ion: 43 Resp: 812436
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.996 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion: 63 Resp: 186164
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.8 2.1 6.3





#25

2-Butanone

Concen: 97.159 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

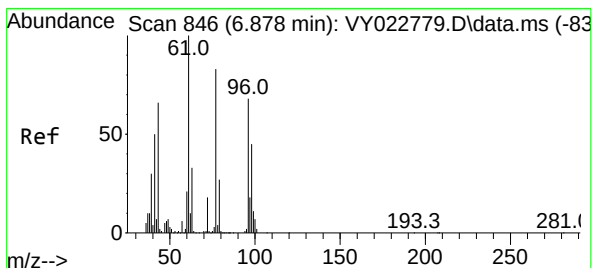
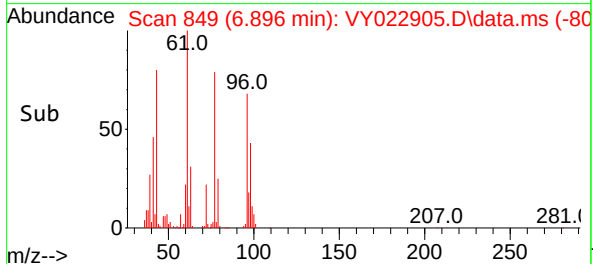
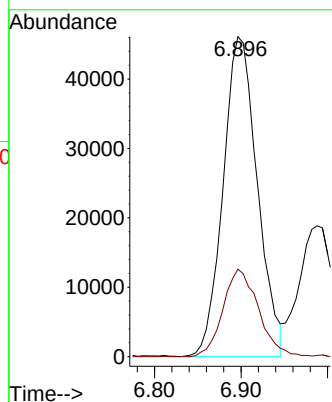
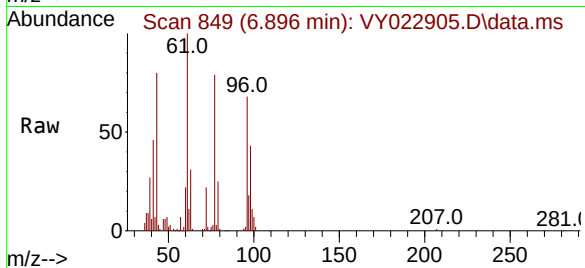
VY0702SBS01

Tgt Ion: 43 Resp: 126649

Ion Ratio Lower Upper

43 100

72 27.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.325 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022905.D

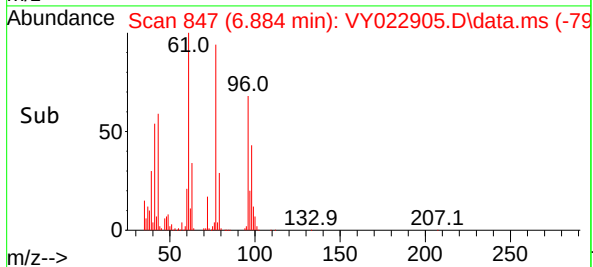
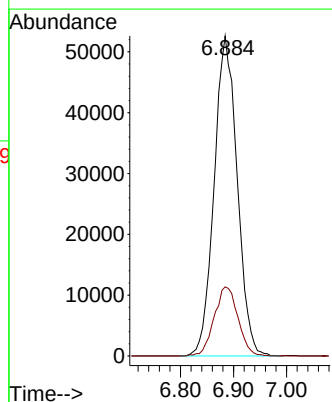
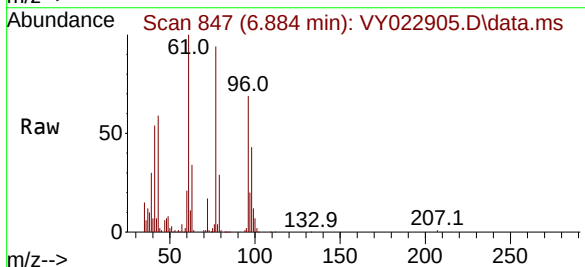
Acq: 02 Jul 2025 12:12

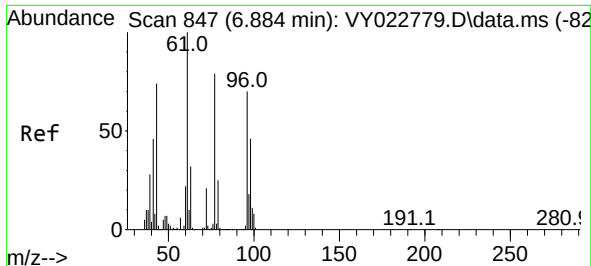
Tgt Ion: 77 Resp: 158500

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2

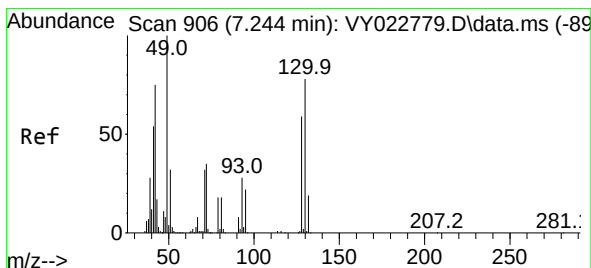
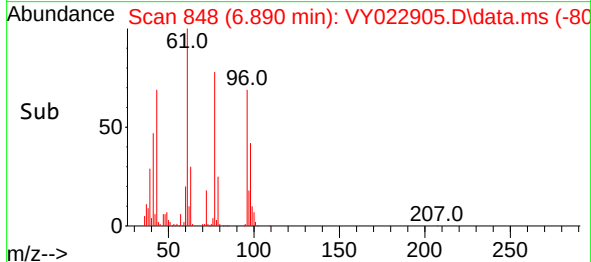
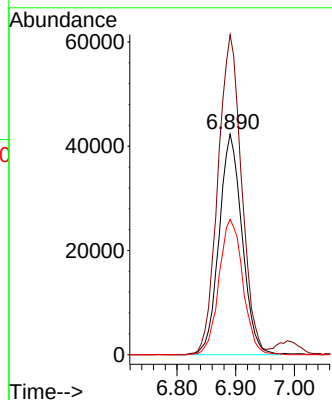
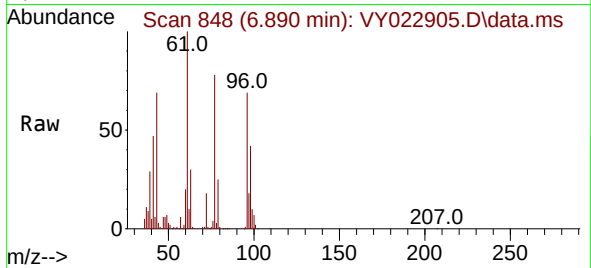




#27
 cis-1,2-Dichloroethene
 Concen: 20.166 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

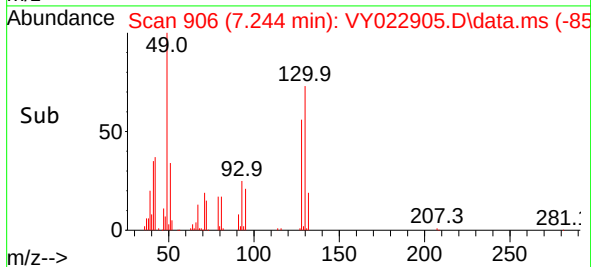
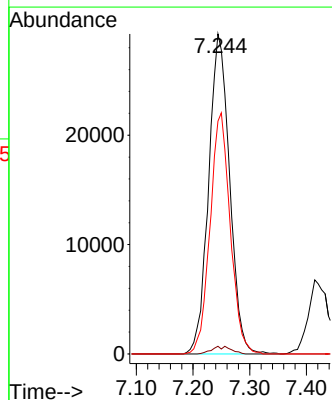
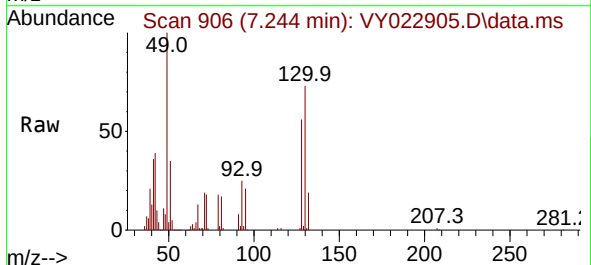
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

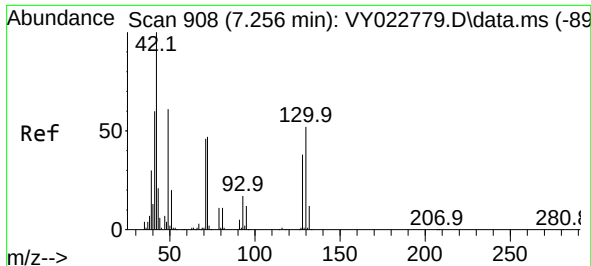
Tgt Ion: 96 Resp: 115091
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 290.0
 98 63.6 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.155 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion: 49 Resp: 75134
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 72.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 89.788 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

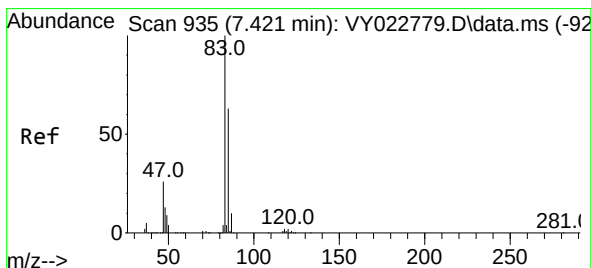
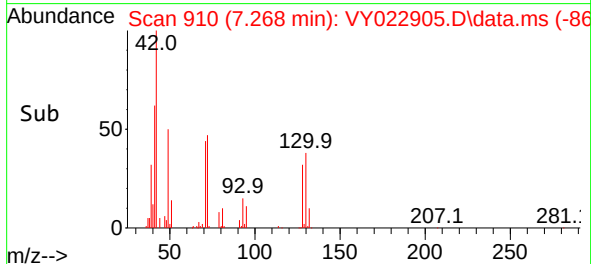
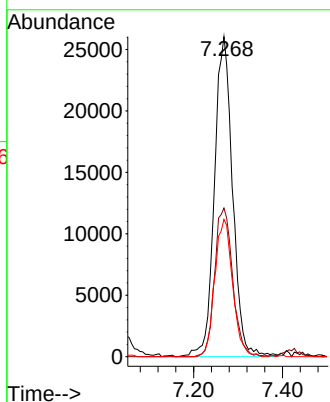
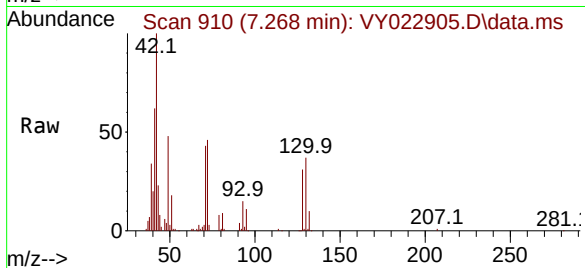
Tgt Ion: 42 Resp: 73905

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.2

71 42.1 34.2 51.2



#30

Chloroform

Concen: 20.690 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022905.D

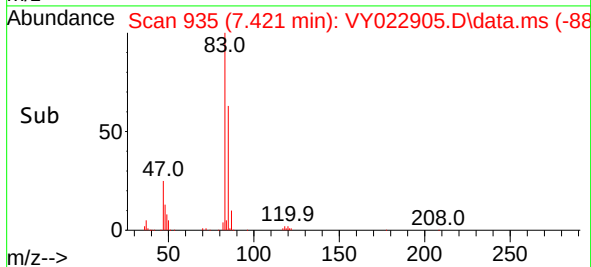
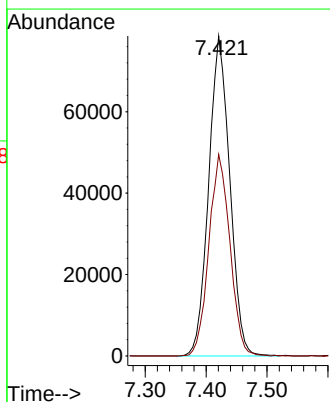
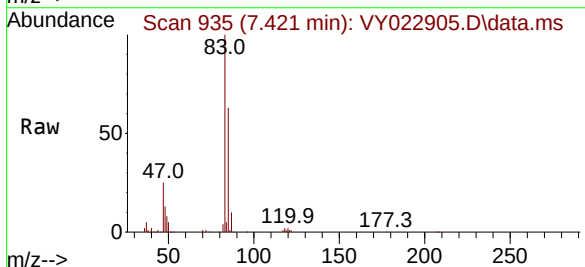
Acq: 02 Jul 2025 12:12

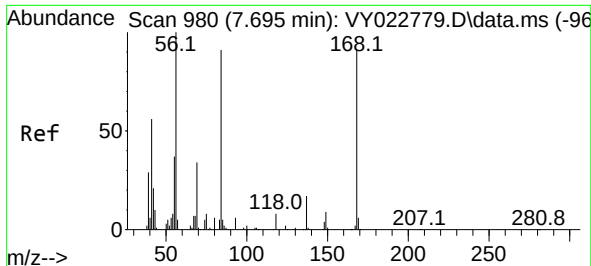
Tgt Ion: 83 Resp: 188954

Ion Ratio Lower Upper

83 100

85 63.0 54.2 81.4

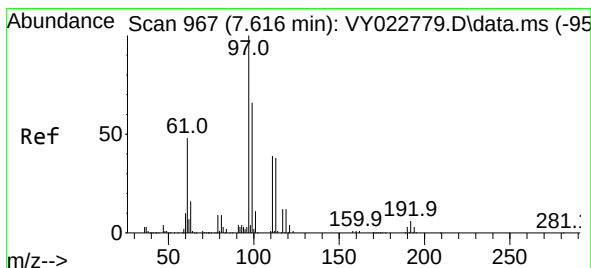
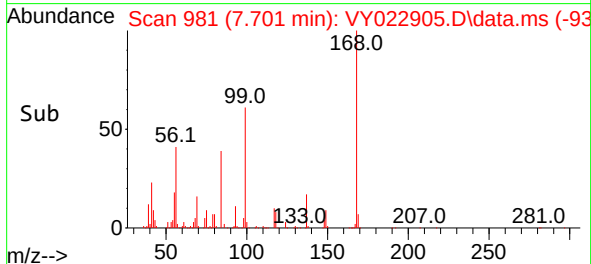
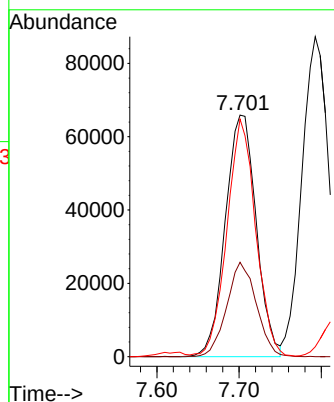
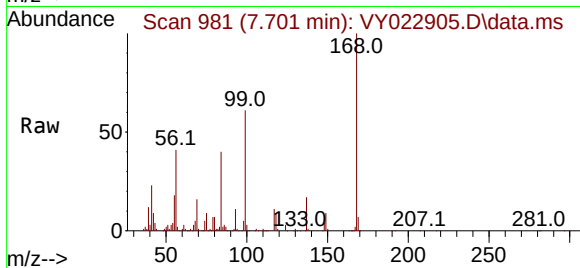




#31
Cyclohexane
Concen: 21.207 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

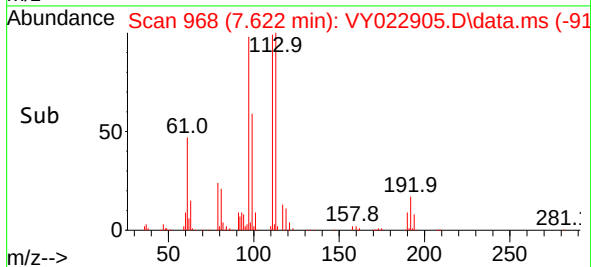
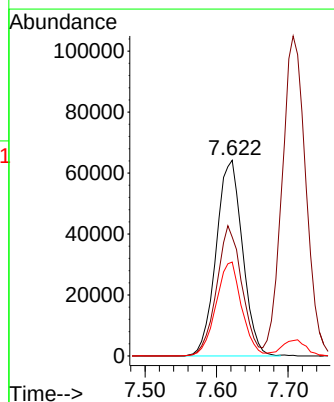
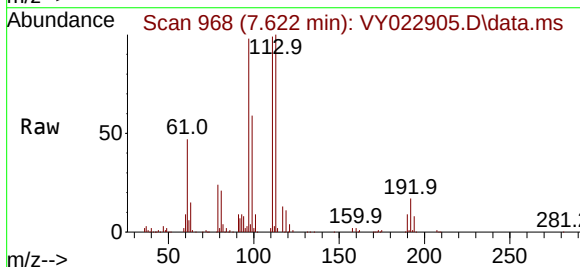
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

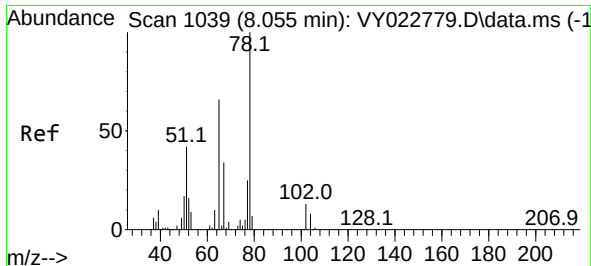
Tgt Ion: 56 Resp: 172610
Ion Ratio Lower Upper
56 100
69 39.1 27.0 40.6
84 96.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.831 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 97 Resp: 164400
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 46.9 38.5 57.7

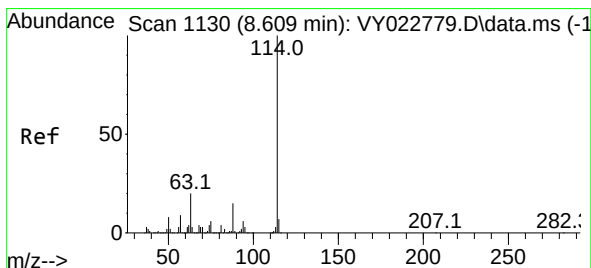
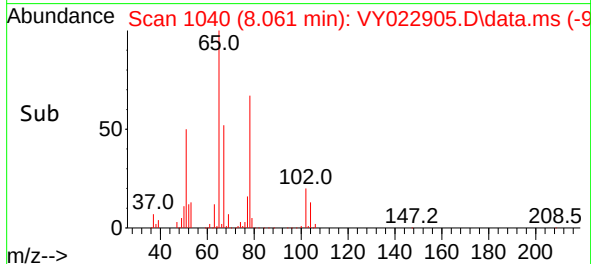
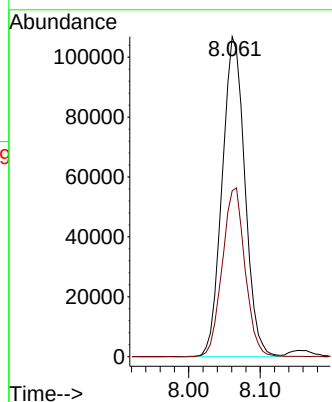
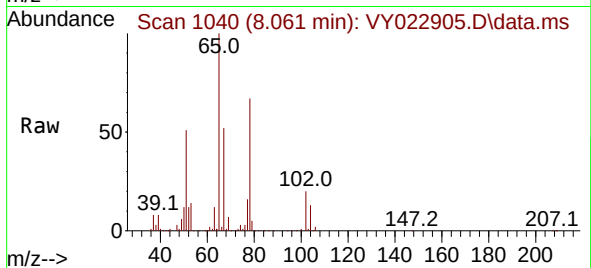




#33
 1,2-Dichloroethane-d4
 Concen: 49.793 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

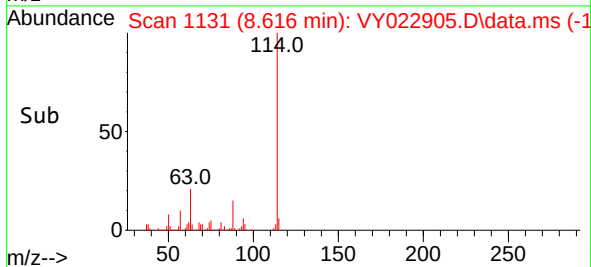
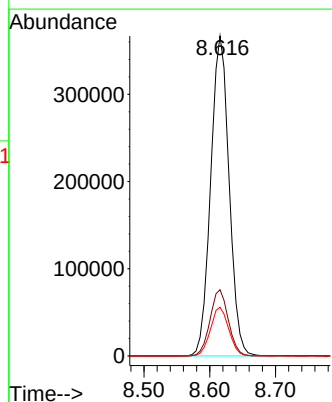
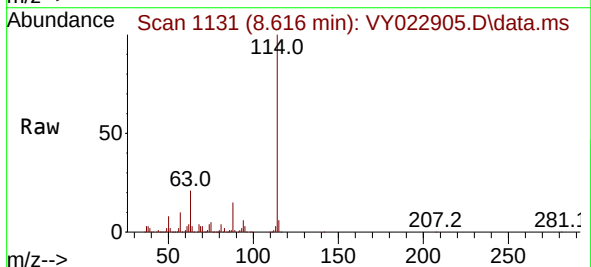
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

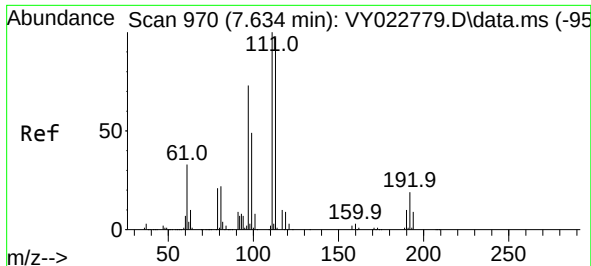
Tgt Ion: 65 Resp: 235952
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion:114 Resp: 714057
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.3 0.0 27.8

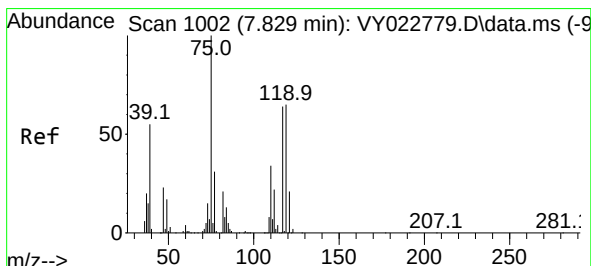
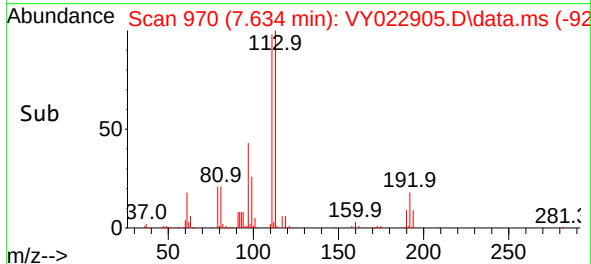
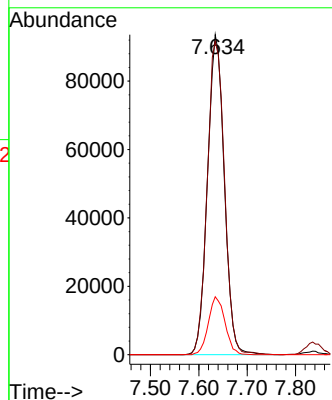
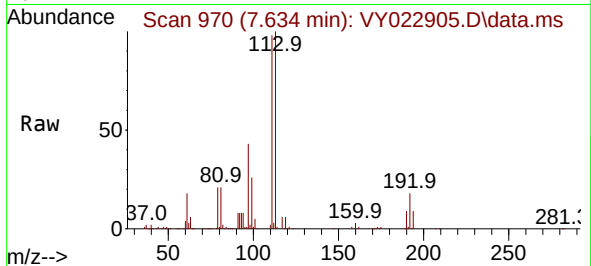




#35
Dibromofluoromethane
Concen: 51.979 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

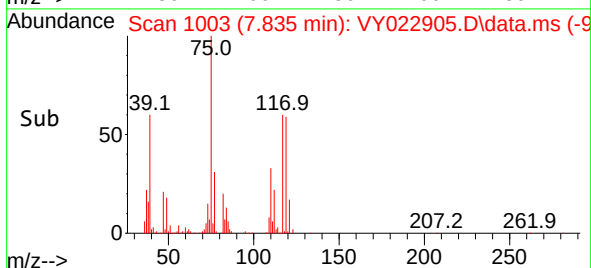
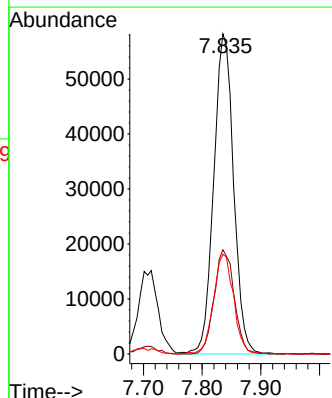
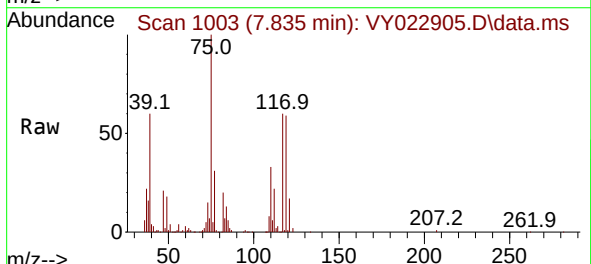
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

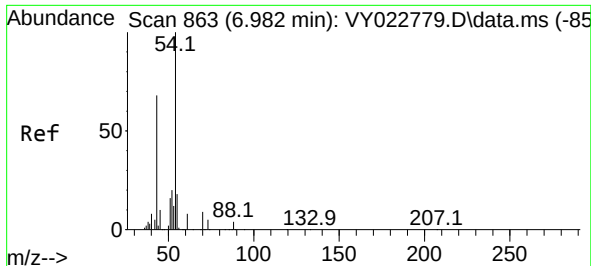
Tgt Ion:113 Resp: 225723
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 18.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.774 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 75 Resp: 136737
Ion Ratio Lower Upper
75 100
110 32.9 16.9 50.7
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 19.519 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

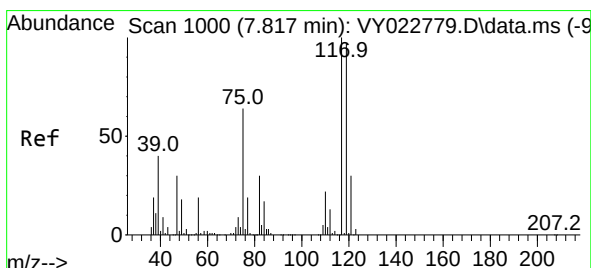
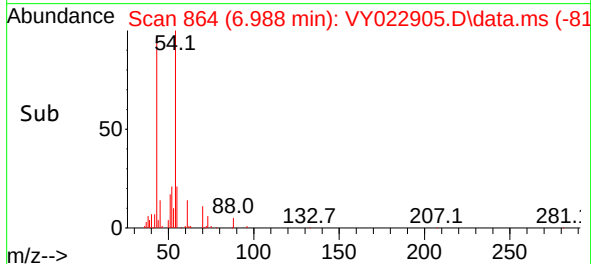
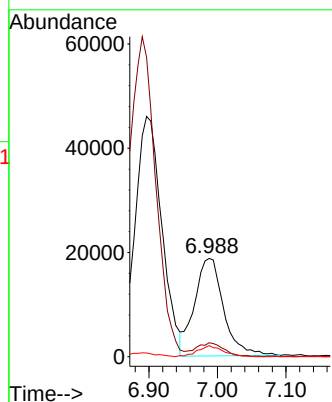
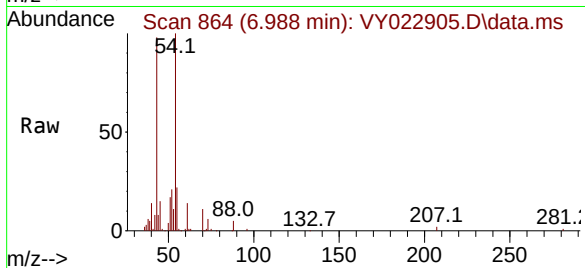
Tgt Ion: 43 Resp: 55440

Ion Ratio Lower Upper

43 100

61 13.2 11.5 17.3

70 9.9 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.485 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

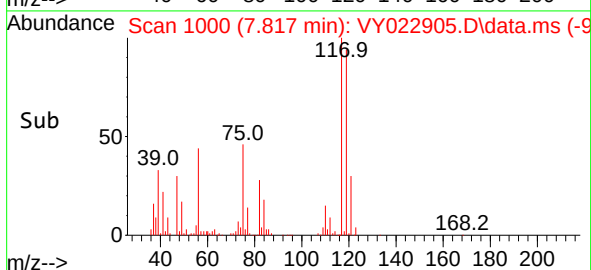
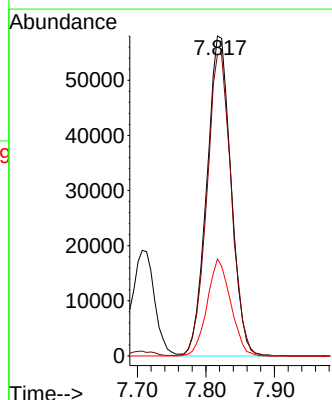
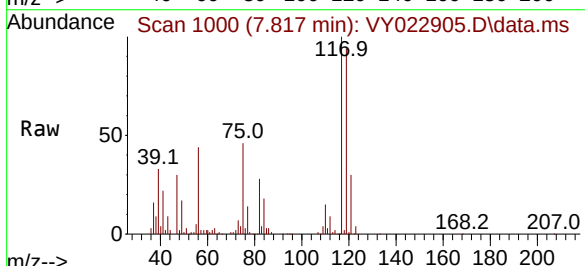
Tgt Ion: 117 Resp: 142274

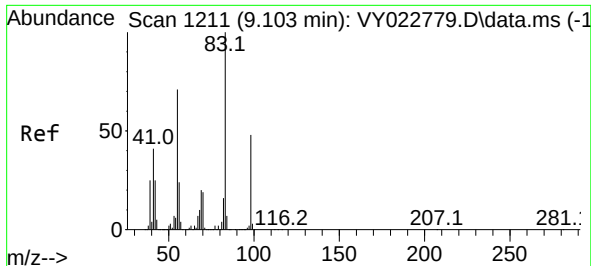
Ion Ratio Lower Upper

117 100

119 94.1 75.0 112.6

121 30.3 25.0 37.4





#39

Methylcyclohexane

Concen: 20.586 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

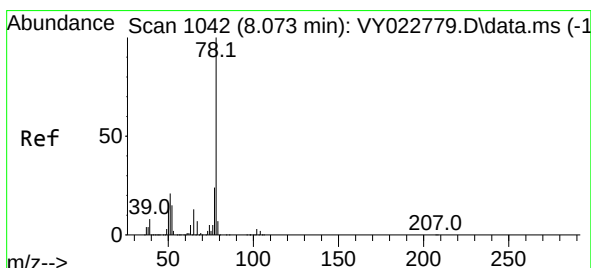
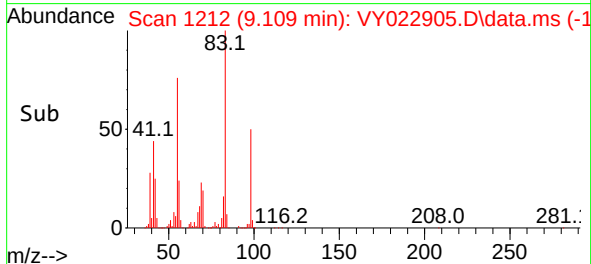
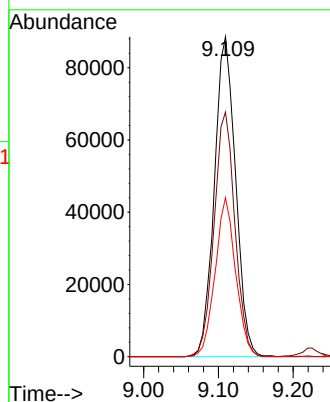
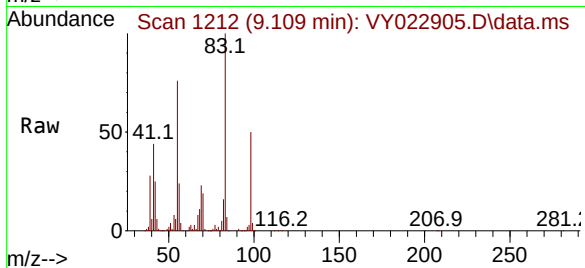
Tgt Ion: 83 Resp: 175349

Ion Ratio Lower Upper

83 100

55 76.5 58.1 87.1

98 49.7 39.0 58.6



#40

Benzene

Concen: 20.643 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022905.D

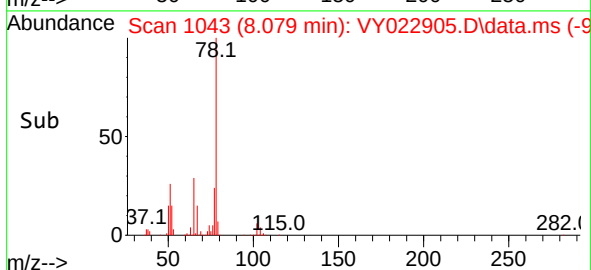
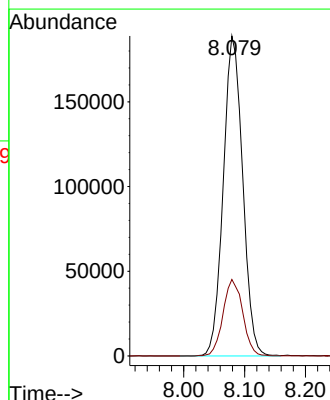
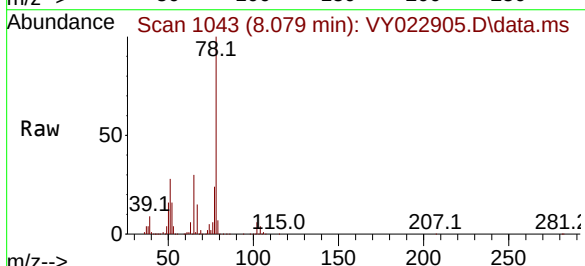
Acq: 02 Jul 2025 12:12

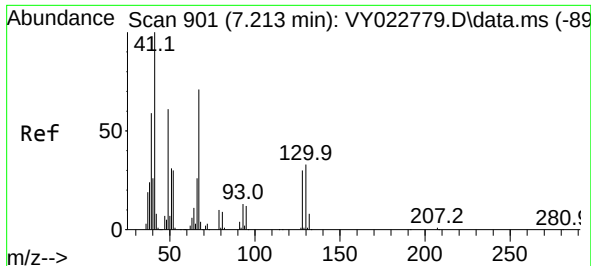
Tgt Ion: 78 Resp: 417754

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

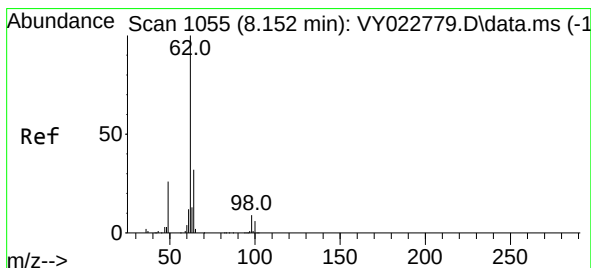
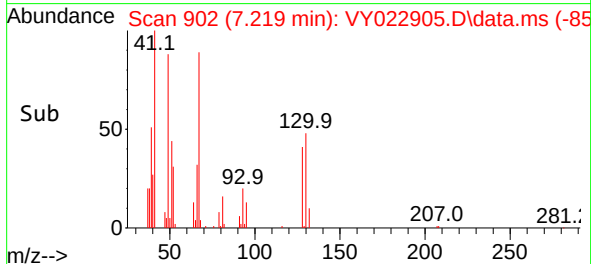
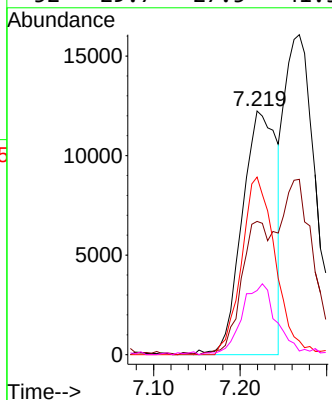
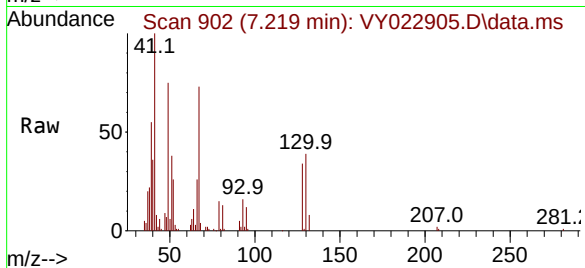




#41
Methacrylonitrile
Concen: 19.391 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

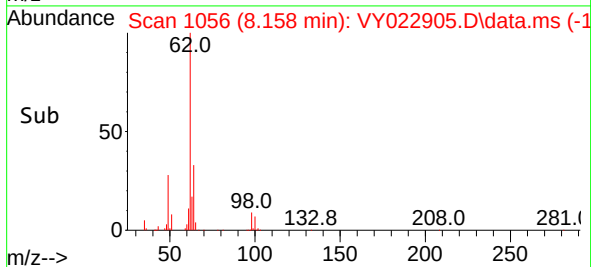
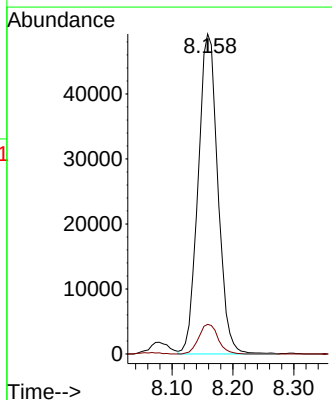
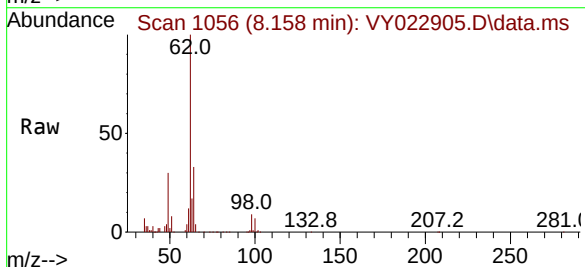
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

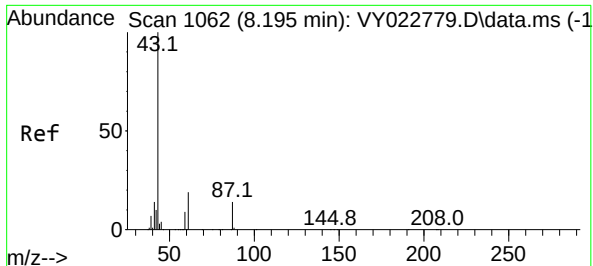
Tgt Ion: 41 Resp: 33907
Ion Ratio Lower Upper
41 100
39 41.9 46.6 69.8#
67 72.4 63.3 94.9
52 29.7 27.5 41.3



#42
1,2-Dichloroethane
Concen: 19.983 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 62 Resp: 110820
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2

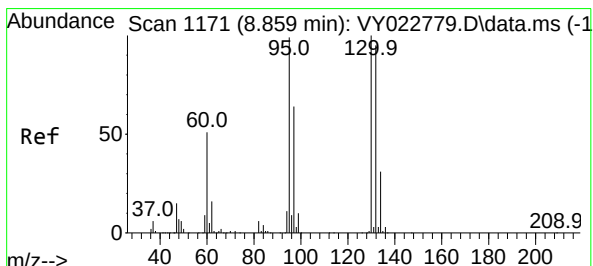
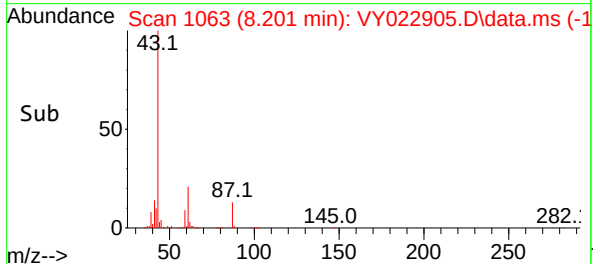
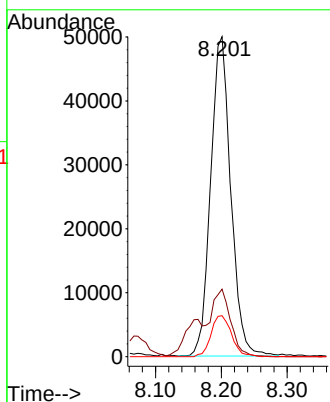
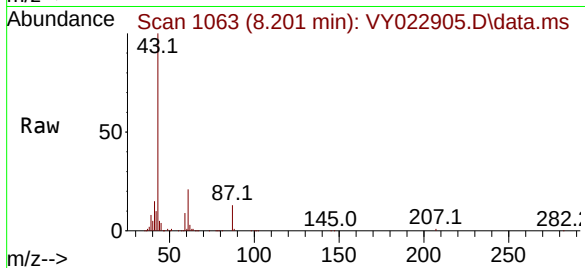




#43
Isopropyl Acetate
Concen: 18.047 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

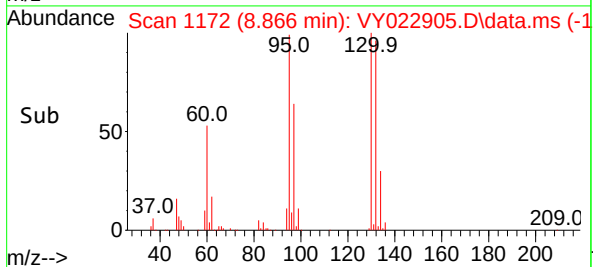
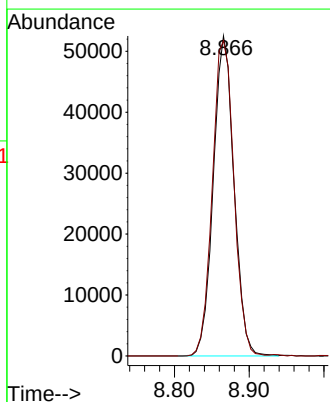
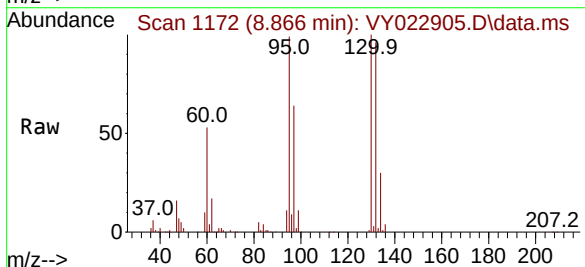
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

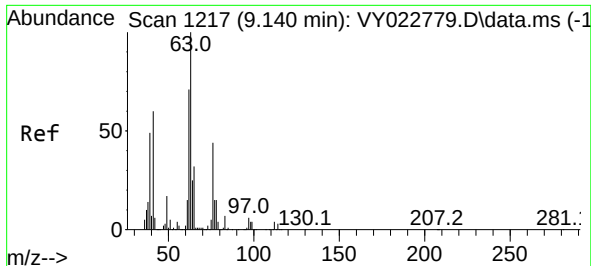
Tgt Ion: 43 Resp: 106535
Ion Ratio Lower Upper
43 100
61 19.6 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 19.872 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 130 Resp: 100970
Ion Ratio Lower Upper
130 100
95 98.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.848 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

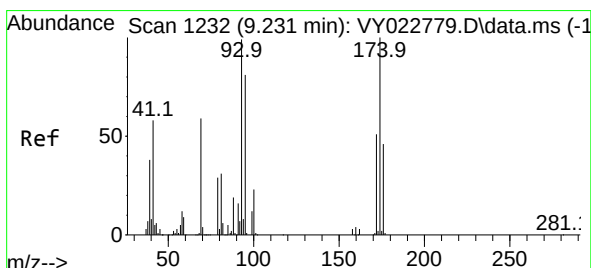
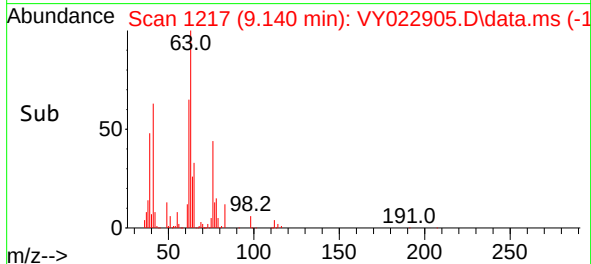
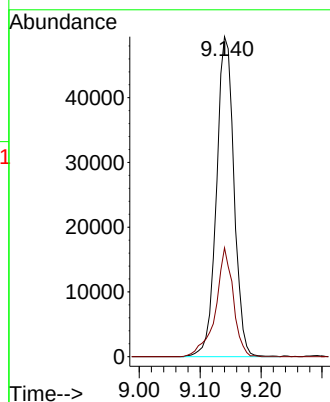
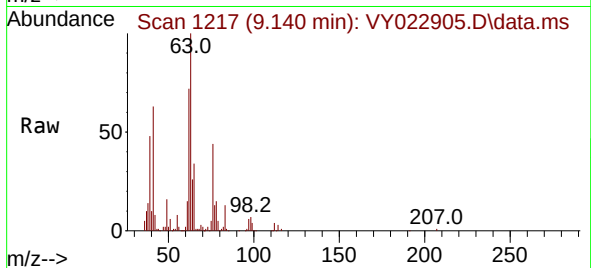
VY0702SBS01

Tgt Ion: 63 Resp: 98745

Ion Ratio Lower Upper

63 100

65 34.0 24.0 36.0



#46

Dibromomethane

Concen: 18.633 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

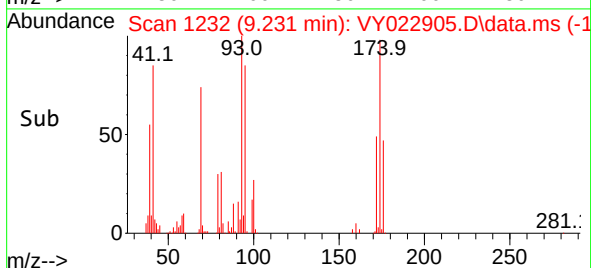
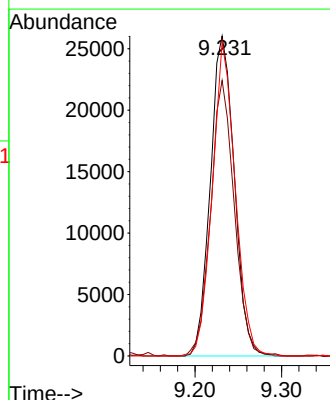
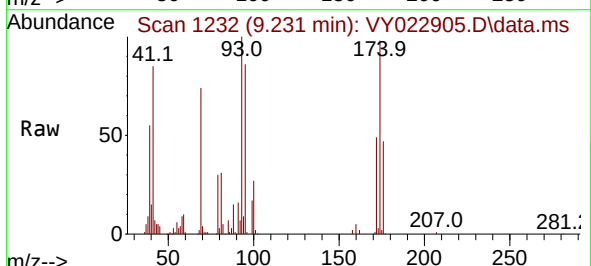
Tgt Ion: 93 Resp: 50099

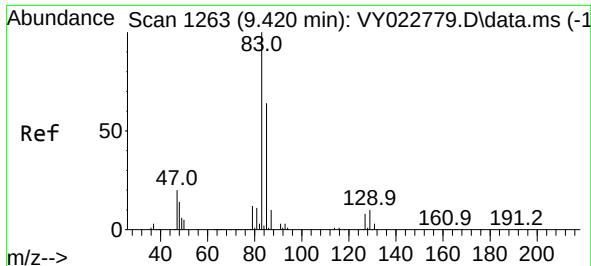
Ion Ratio Lower Upper

93 100

95 84.7 65.6 98.4

174 93.9 70.4 105.6

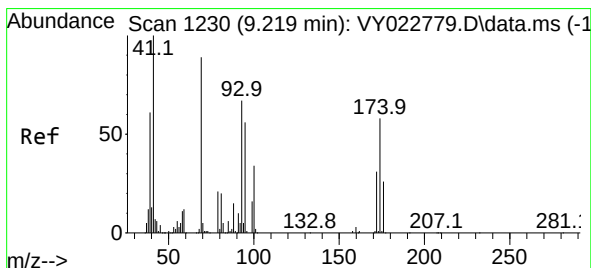
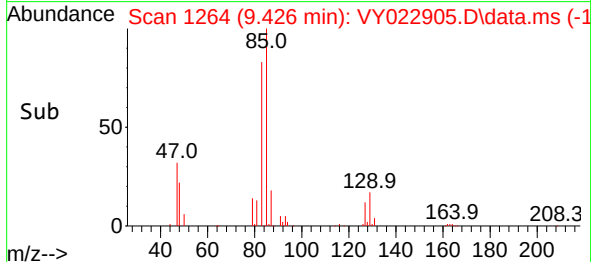
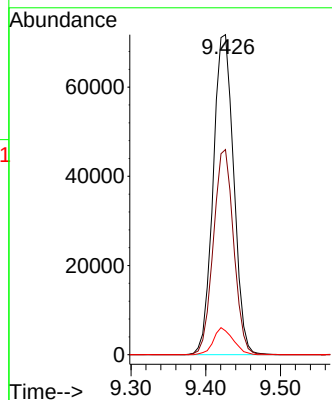
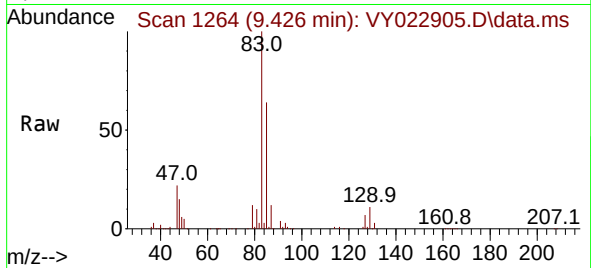




#47
Bromodichloromethane
Concen: 19.794 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

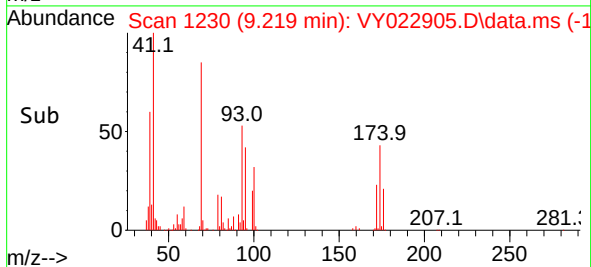
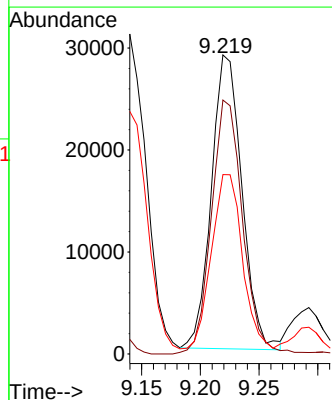
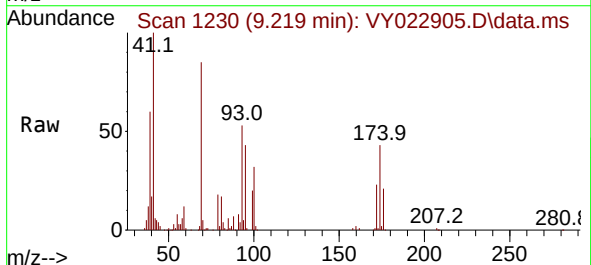
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

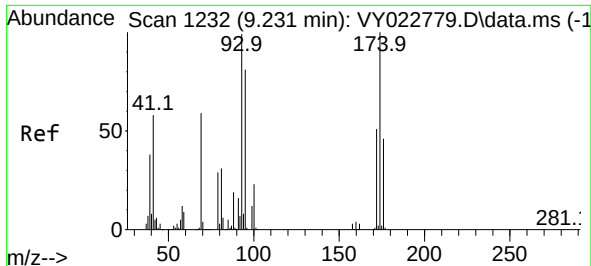
Tgt Ion: 83 Resp: 137237
Ion Ratio Lower Upper
83 100
85 64.1 49.1 73.7
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 18.398 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 41 Resp: 52213
Ion Ratio Lower Upper
41 100
69 88.0 67.8 101.8
39 59.9 55.0 82.4





#49

1,4-Dioxane

Concen: 341.272 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

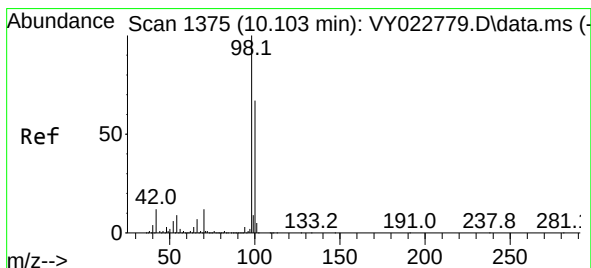
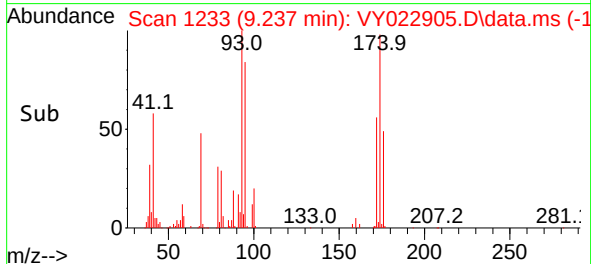
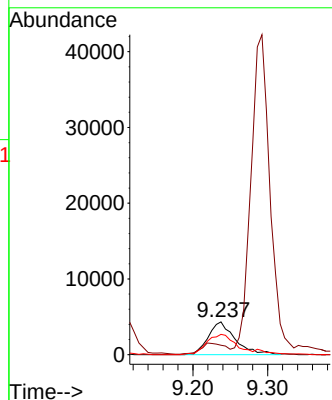
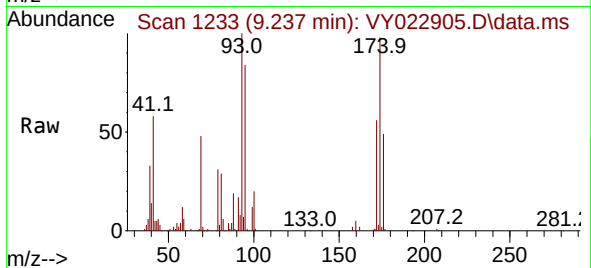
Tgt Ion: 88 Resp: 10841

Ion Ratio Lower Upper

88 100

43 30.0 25.4 38.2

58 66.5 54.9 82.3



#50

Toluene-d8

Concen: 51.907 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022905.D

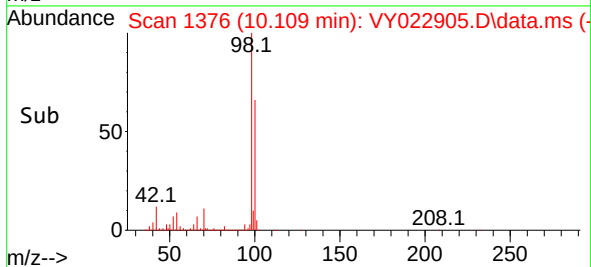
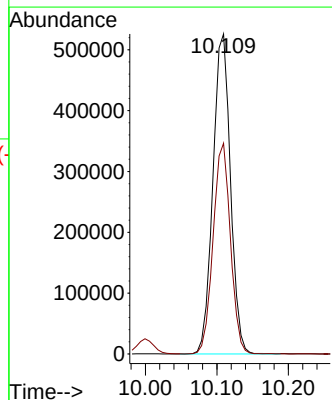
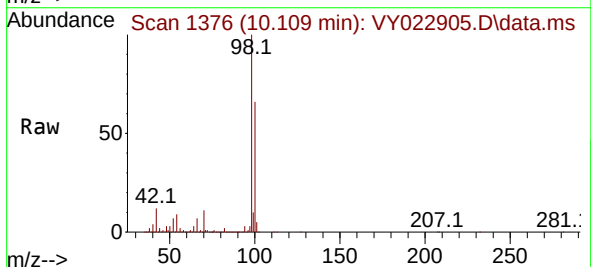
Acq: 02 Jul 2025 12:12

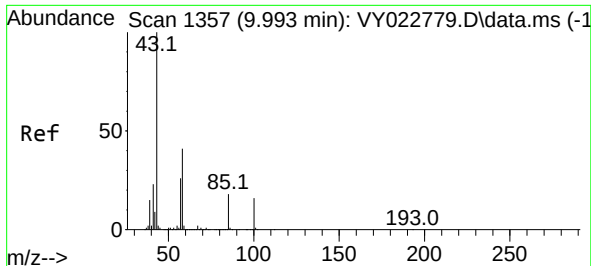
Tgt Ion: 98 Resp: 894461

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

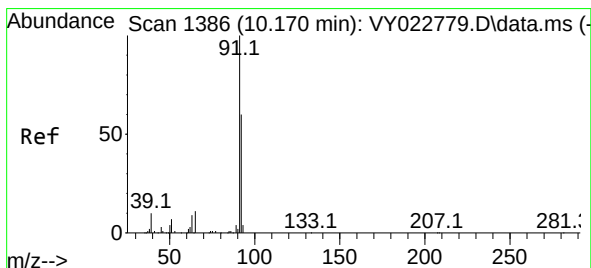
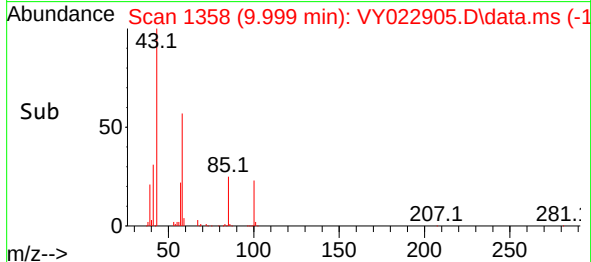
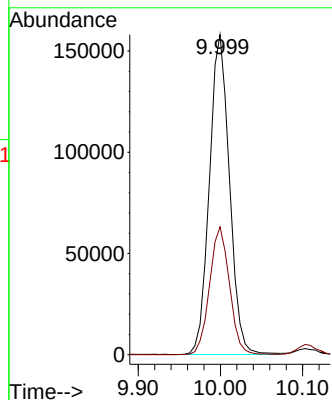
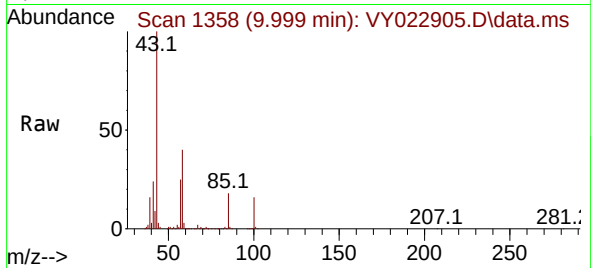




#51
4-Methyl-2-Pentanone
Concen: 89.297 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

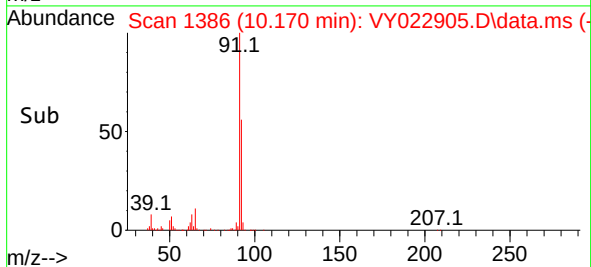
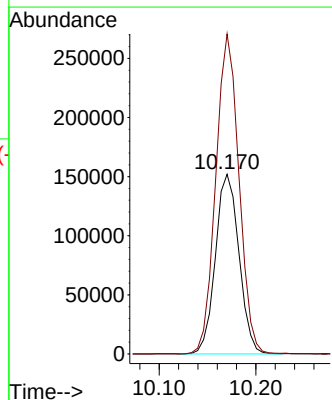
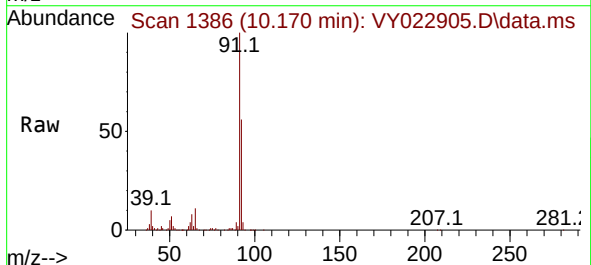
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

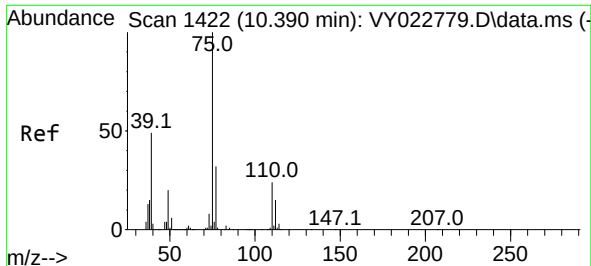
Tgt Ion: 43 Resp: 267882
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 20.067 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 92 Resp: 256209
Ion Ratio Lower Upper
92 100
91 175.9 139.0 208.4

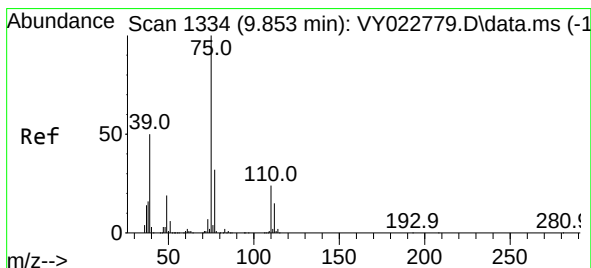
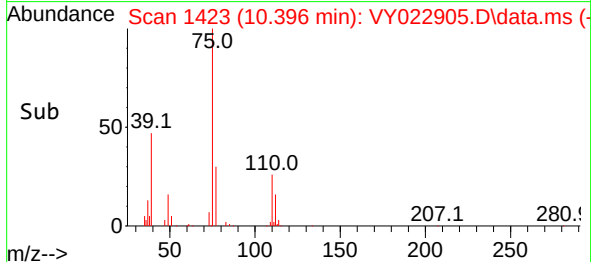
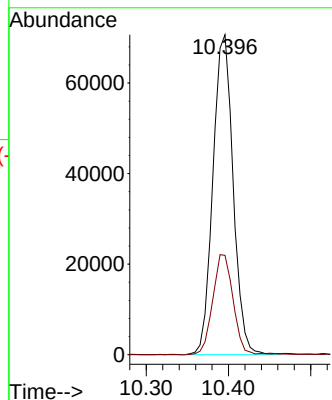
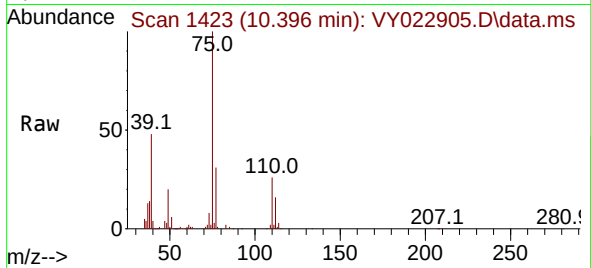




#53
 t-1,3-Dichloropropene
 Concen: 19.343 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

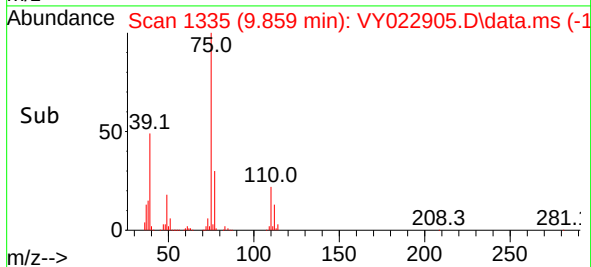
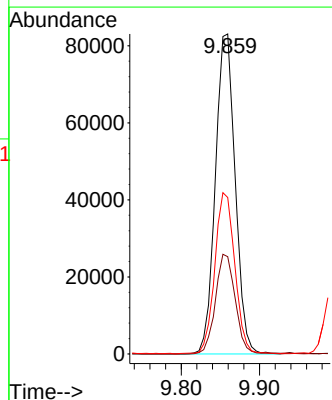
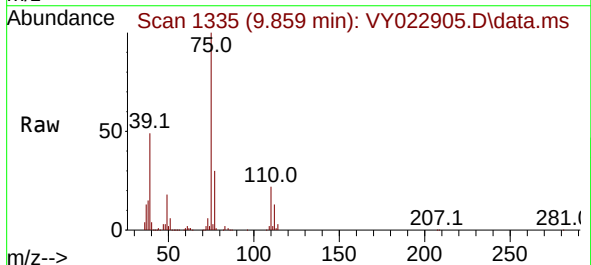
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

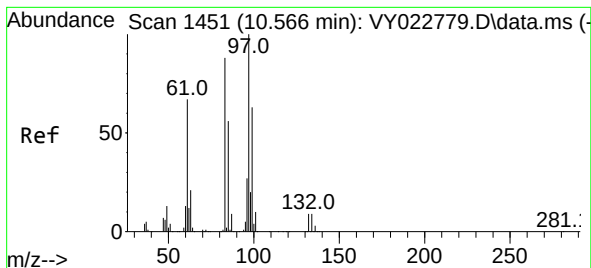
Tgt Ion: 75 Resp: 120668
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.234 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion: 75 Resp: 146357
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9
 39 48.7 42.7 64.1



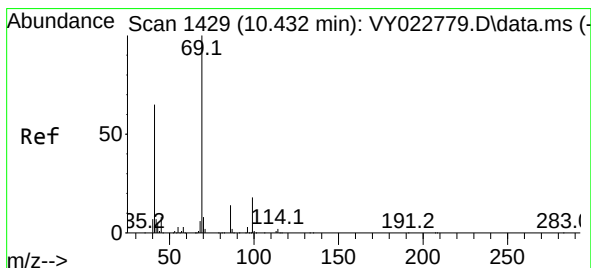
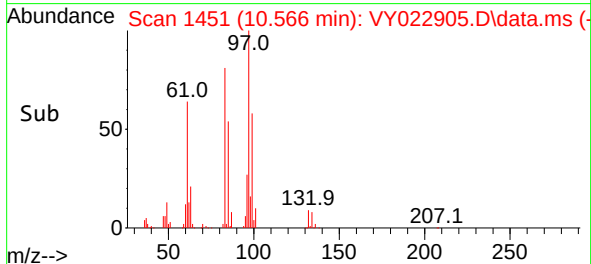
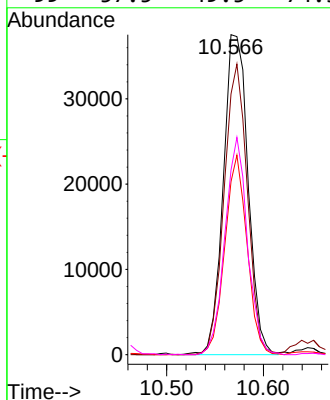
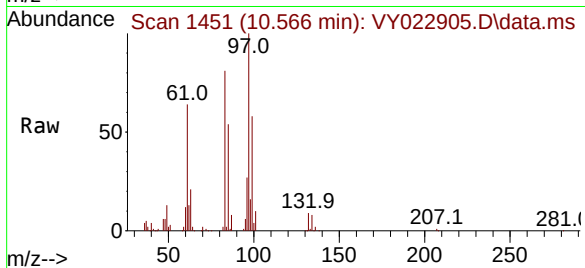


#55
1,1,2-Trichloroethane
Concen: 19.215 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

Tgt Ion: 97 Resp: 66898

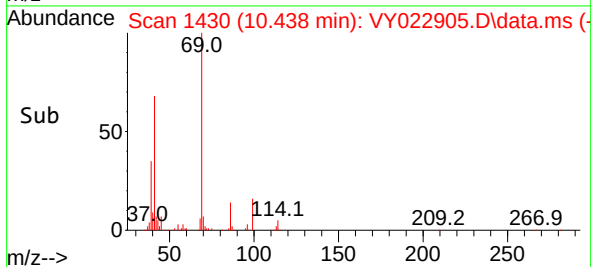
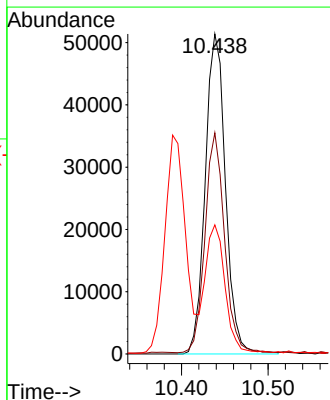
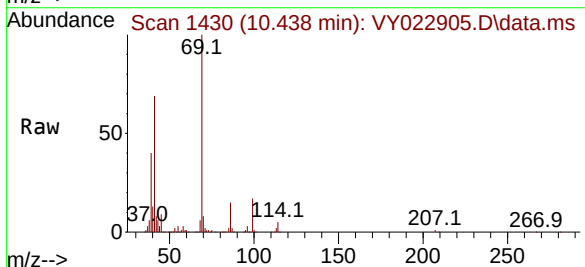
Ion	Ratio	Lower	Upper
97	100		
83	81.4	68.1	102.1
85	54.1	48.2	72.2
99	57.5	49.5	74.3

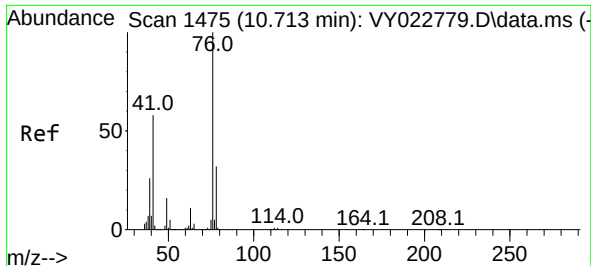


#56
Ethyl methacrylate
Concen: 17.846 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 69 Resp: 83593

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	37.9	36.7	55.1





#57

1,3-Dichloropropane

Concen: 18.982 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

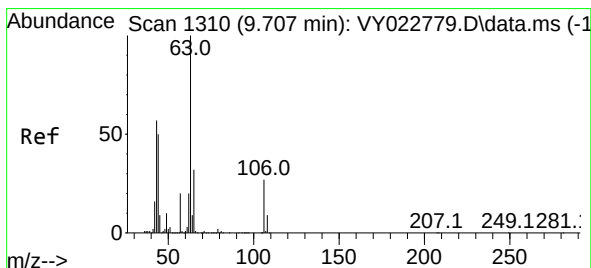
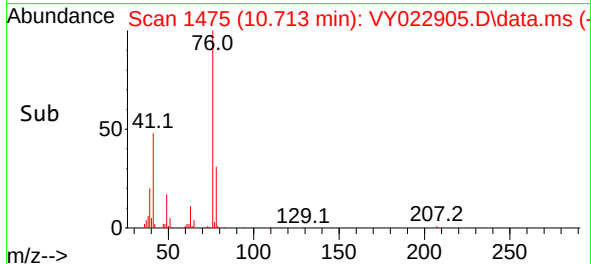
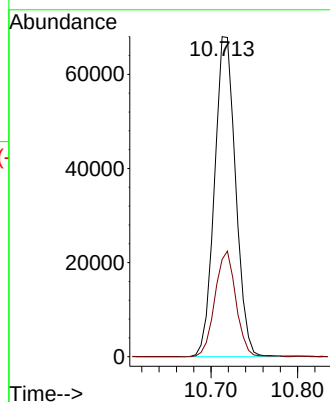
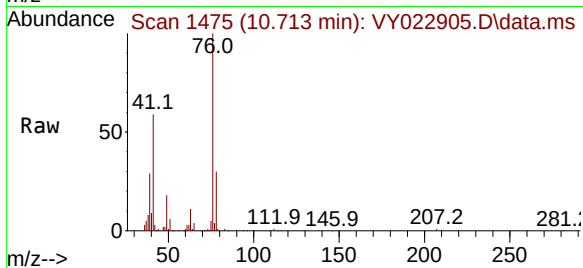
VY0702SBS01

Tgt Ion: 76 Resp: 115303

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.563 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022905.D

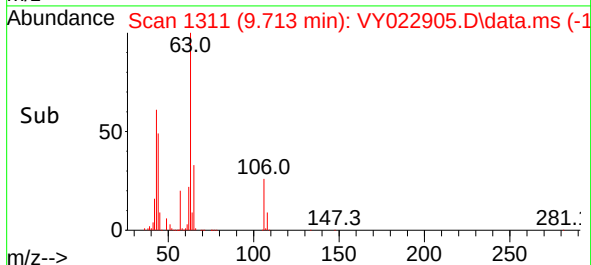
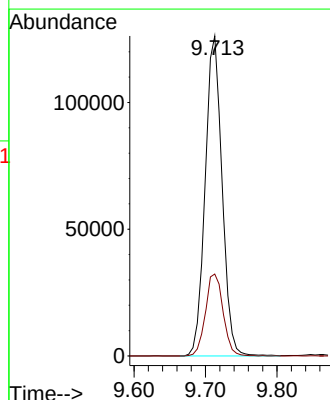
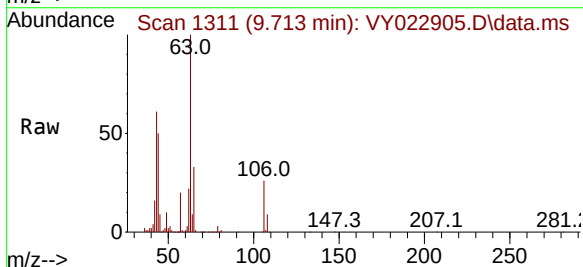
Acq: 02 Jul 2025 12:12

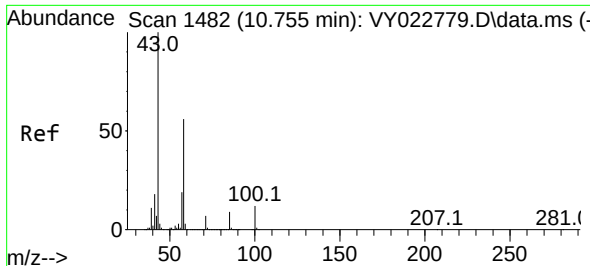
Tgt Ion: 63 Resp: 207244

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

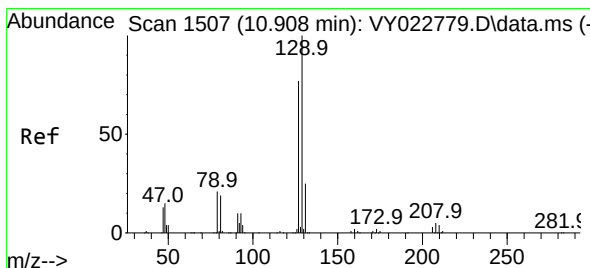
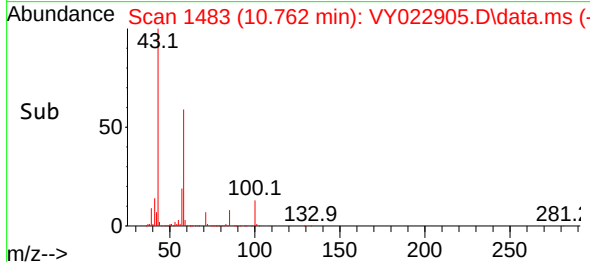
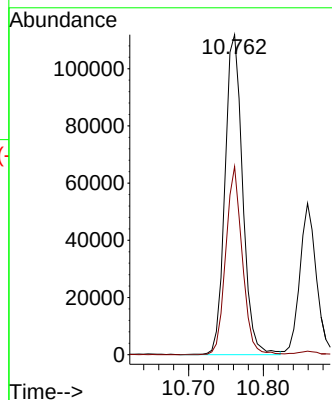
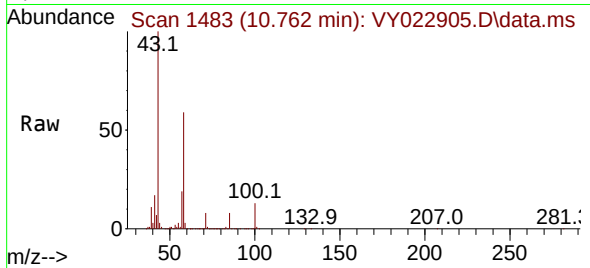




#59
2-Hexanone
Concen: 90.148 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

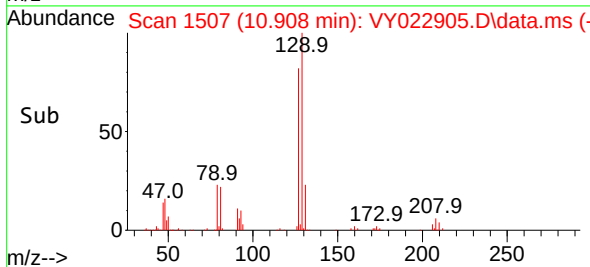
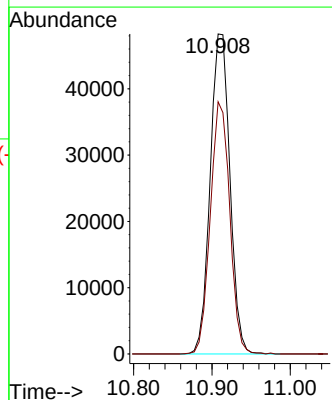
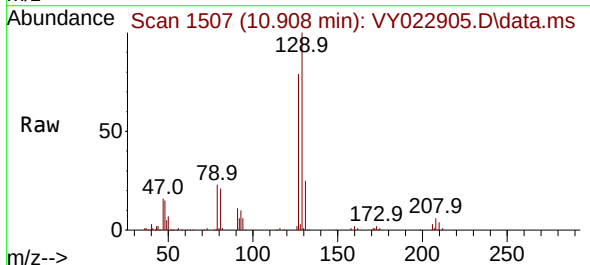
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

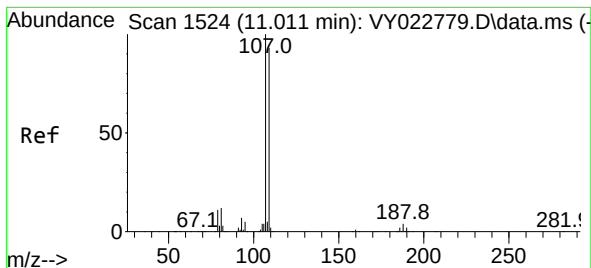
Tgt Ion: 43 Resp: 183863
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 18.776 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 129 Resp: 84438
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

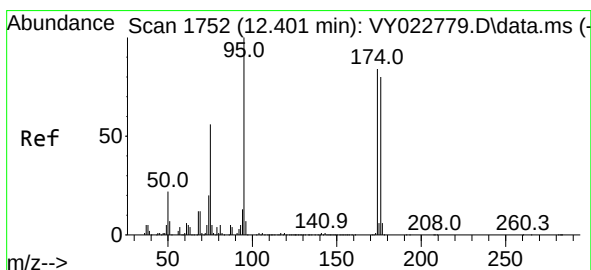
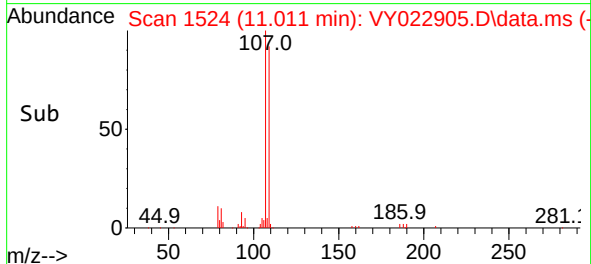
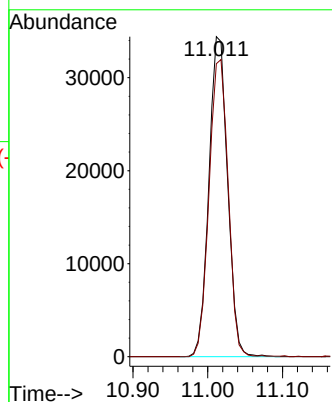
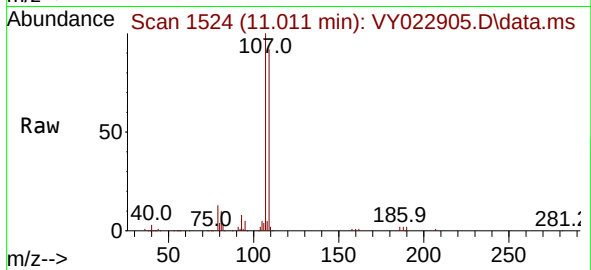




#61
1,2-Dibromoethane
Concen: 18.325 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

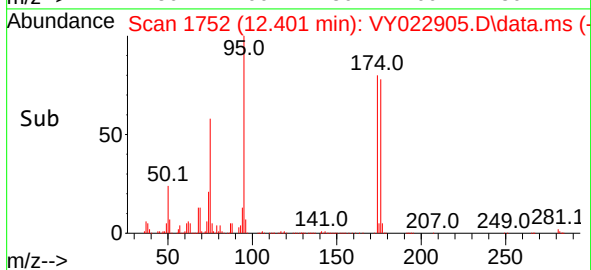
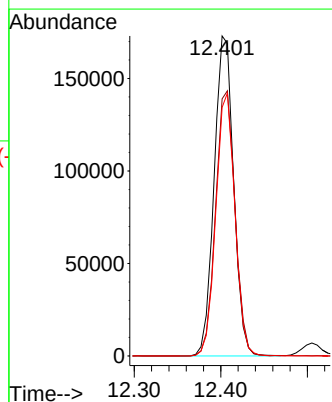
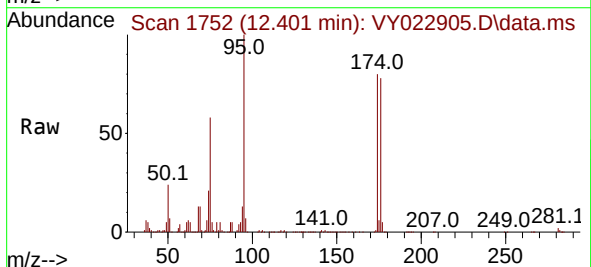
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

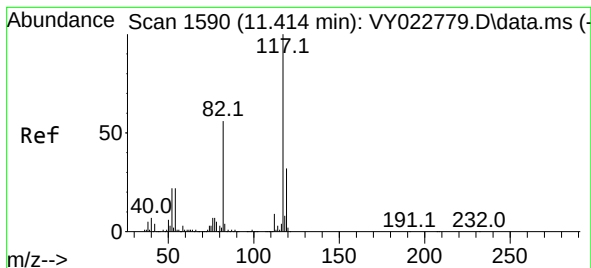
Tgt Ion:107 Resp: 59702
Ion Ratio Lower Upper
107 100
109 95.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.912 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 95 Resp: 270945
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.0
176 80.1 0.0 166.2

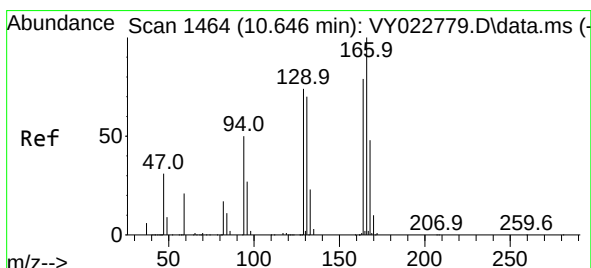
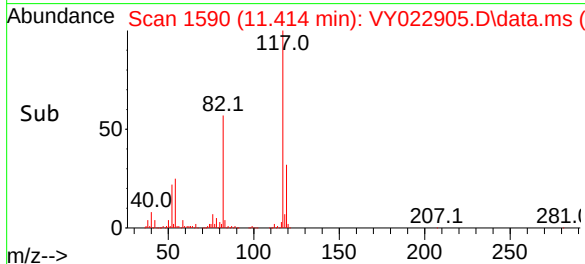
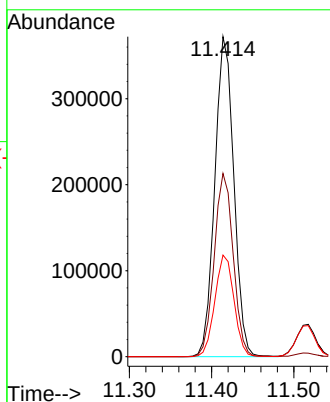
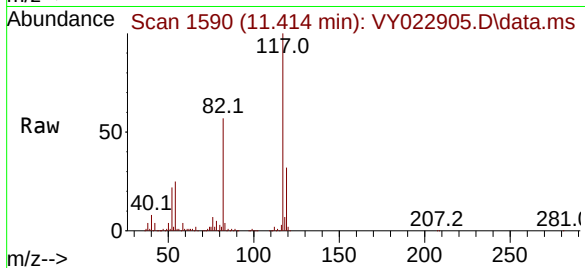




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

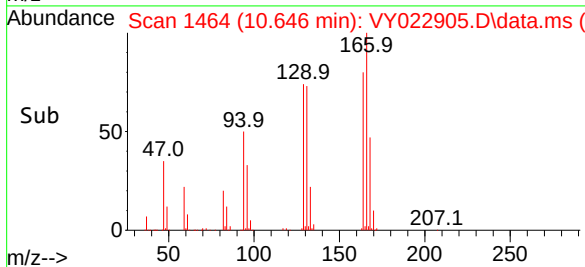
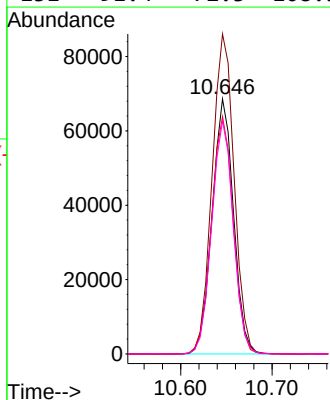
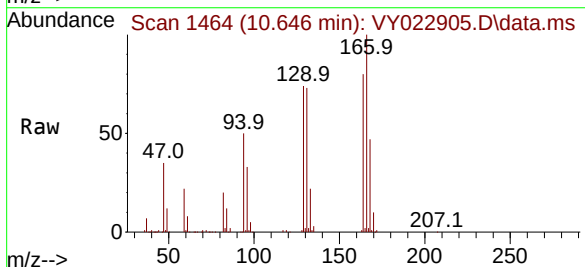
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

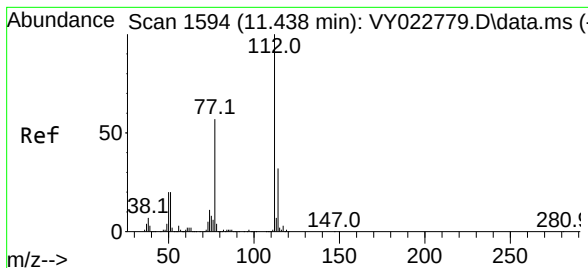
Tgt Ion:117 Resp: 598160
Ion Ratio Lower Upper
117 100
82 57.3 44.6 66.8
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 19.743 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion:164 Resp: 111566
Ion Ratio Lower Upper
164 100
166 125.5 104.0 156.0
129 93.1 74.5 111.7
131 91.4 72.3 108.5

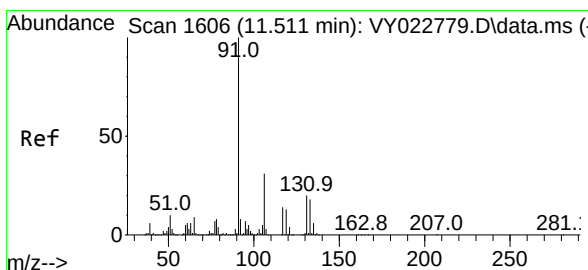
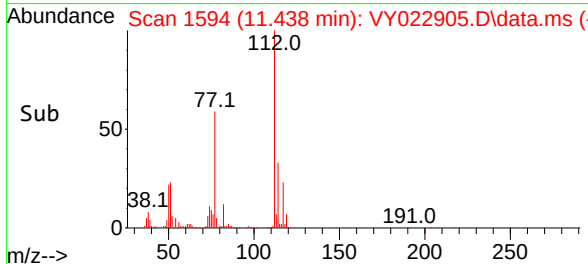
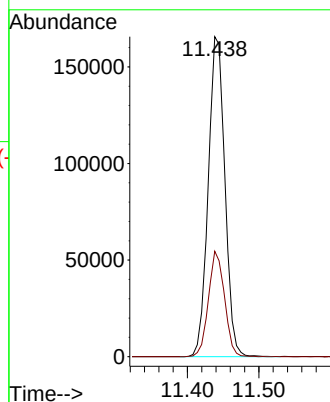
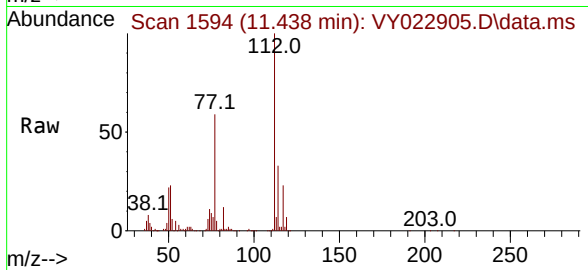




#65
Chlorobenzene
Concen: 20.389 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

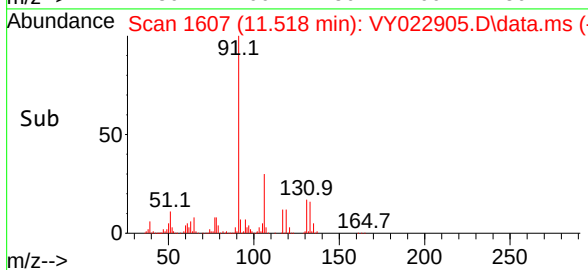
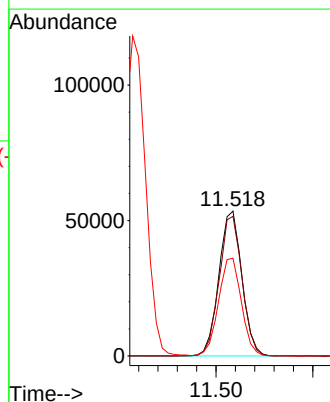
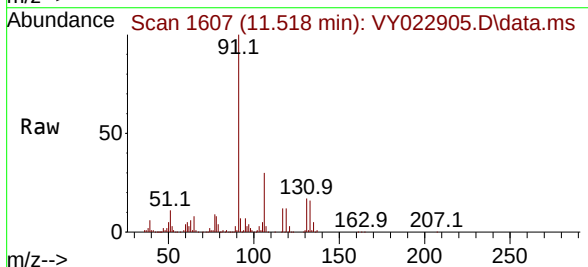
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

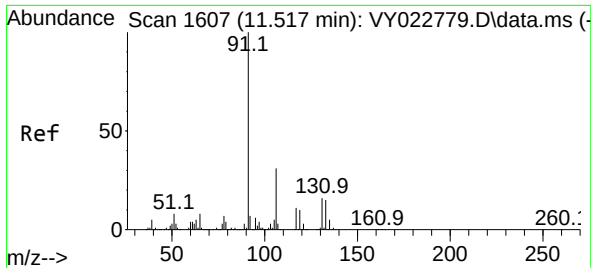
Tgt Ion:112 Resp: 267982
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.797 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion:131 Resp: 88130
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 67.1 33.1 99.3

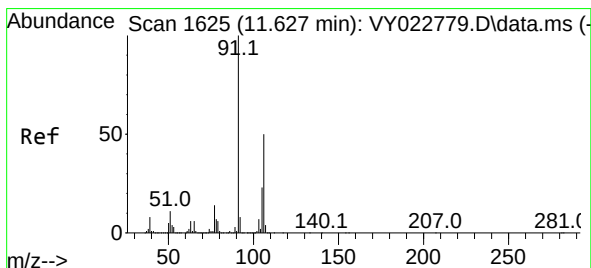
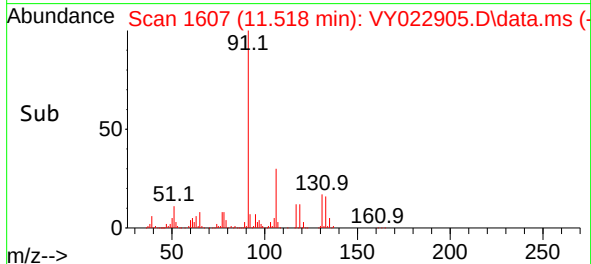
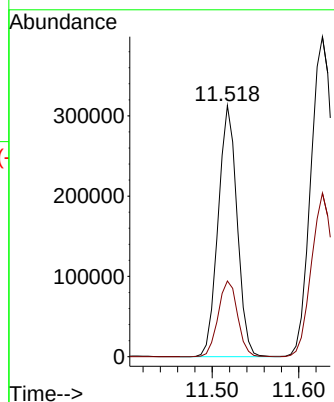
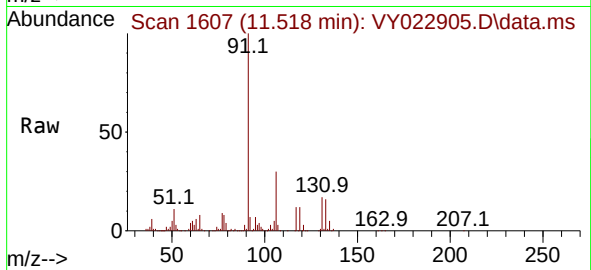




#67
Ethyl Benzene
Concen: 20.586 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

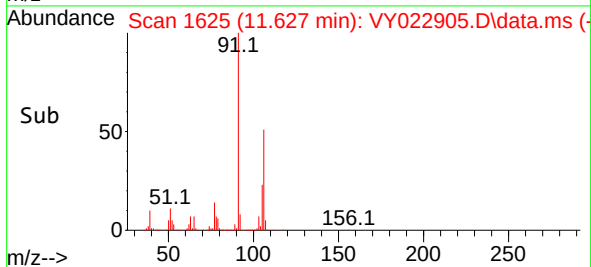
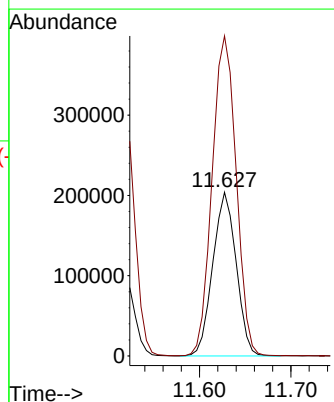
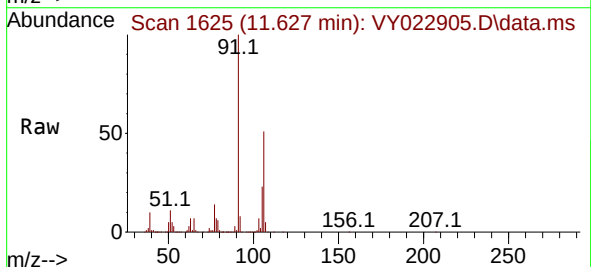
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

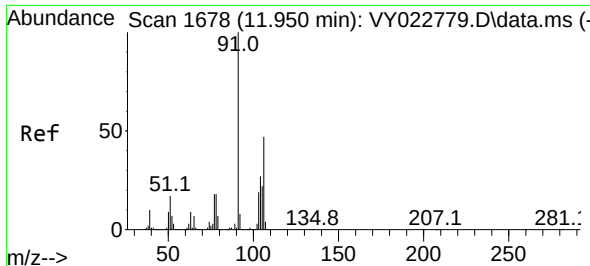
Tgt Ion: 91 Resp: 475405
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 40.558 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 106 Resp: 362056
Ion Ratio Lower Upper
106 100
91 201.1 159.4 239.0

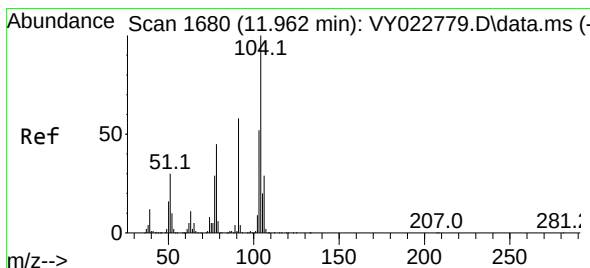
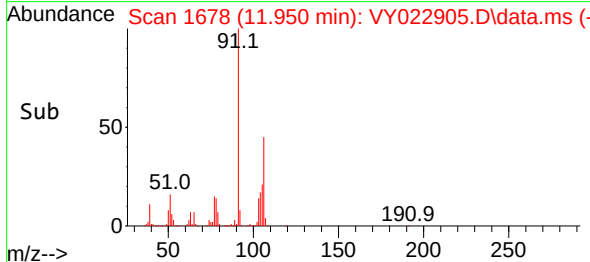
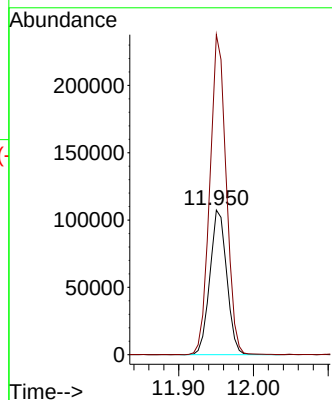
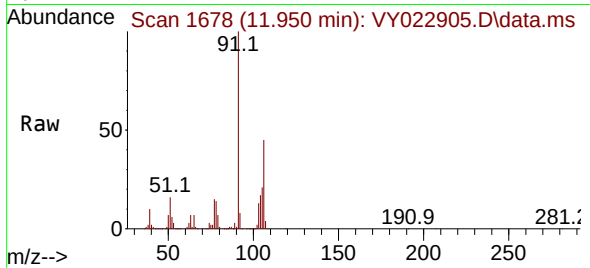




#69
o-Xylene
Concen: 20.000 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

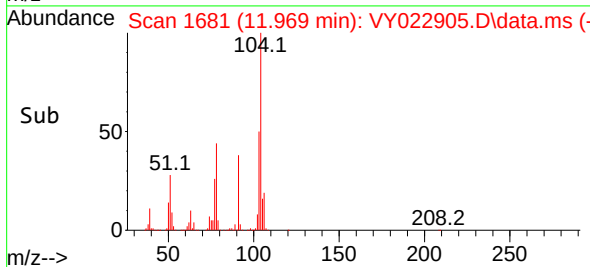
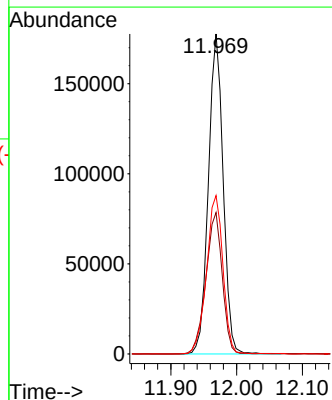
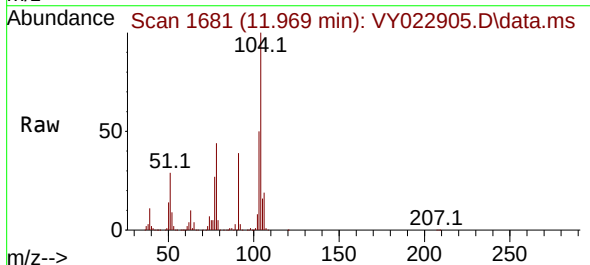
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

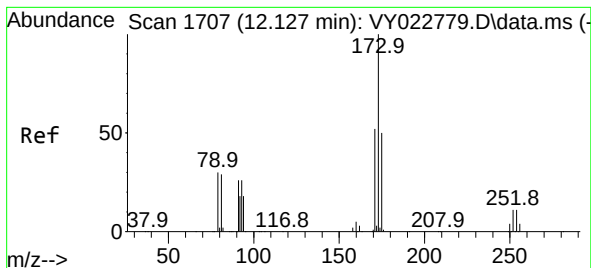
Tgt Ion:106 Resp: 168231
Ion Ratio Lower Upper
106 100
91 214.7 105.8 317.3



#70
Styrene
Concen: 19.692 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion:104 Resp: 277444
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.431 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

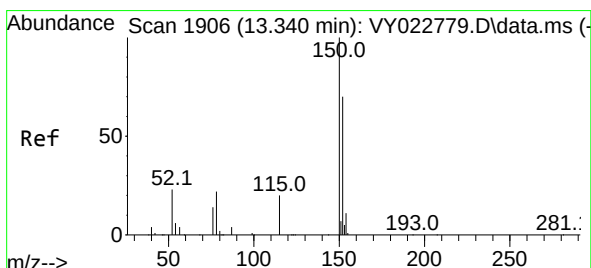
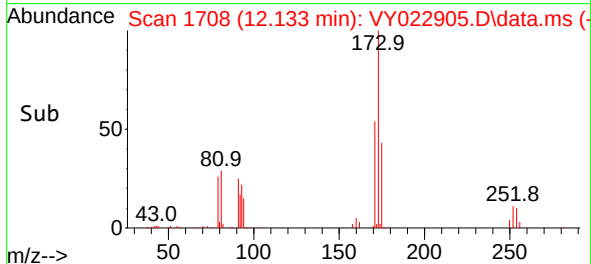
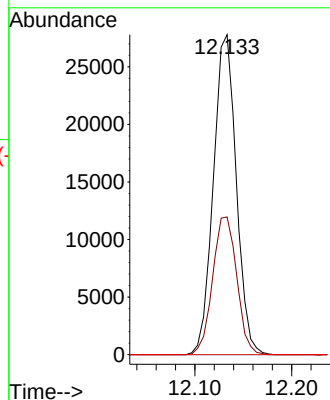
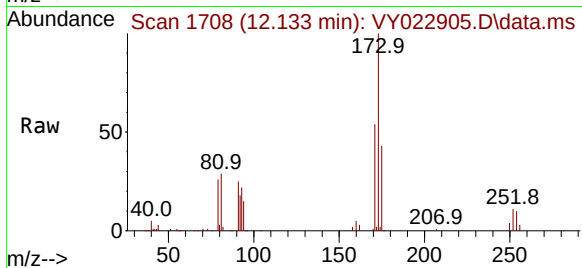
Tgt Ion:173 Resp: 45687

Ion Ratio Lower Upper

173 100

175 45.4 23.8 71.5

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: VY022905.D

Acq: 02 Jul 2025 12:12

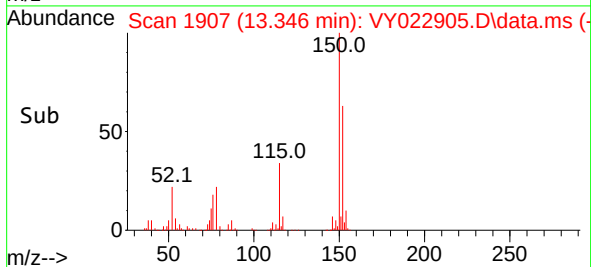
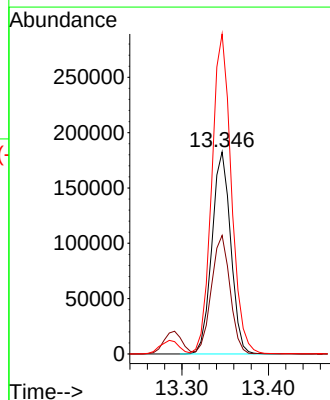
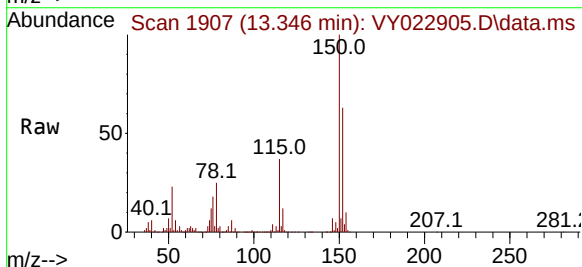
Tgt Ion:152 Resp: 274634

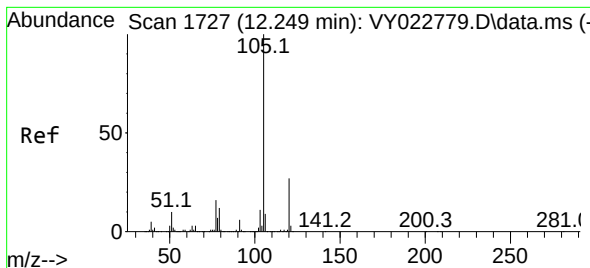
Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

150 165.0 0.0 349.6





#73

Isopropylbenzene

Concen: 21.785 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

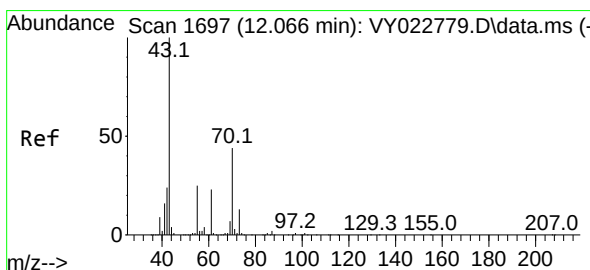
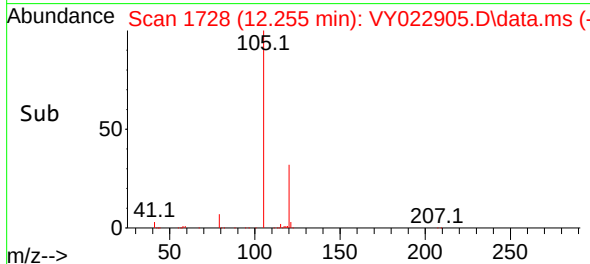
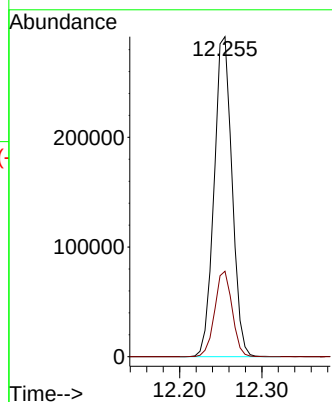
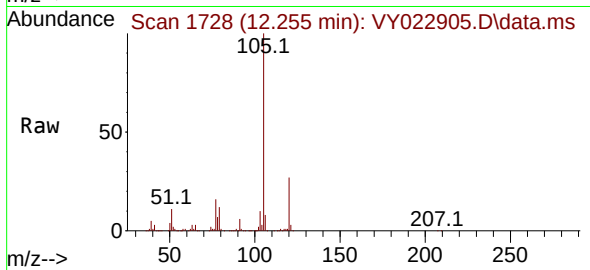
VY0702SBS01

Tgt Ion:105 Resp: 442479

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 19.608 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Tgt Ion: 43 Resp: 89392

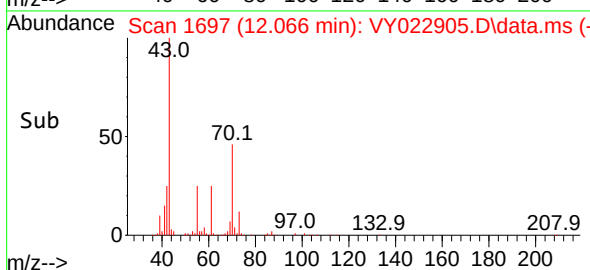
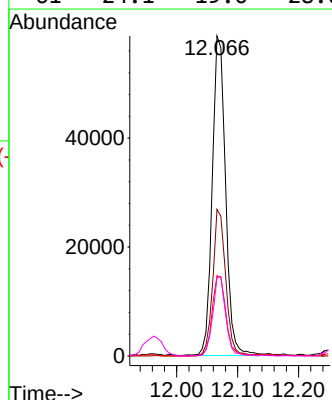
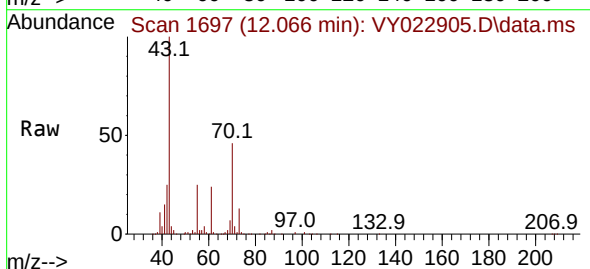
Ion Ratio Lower Upper

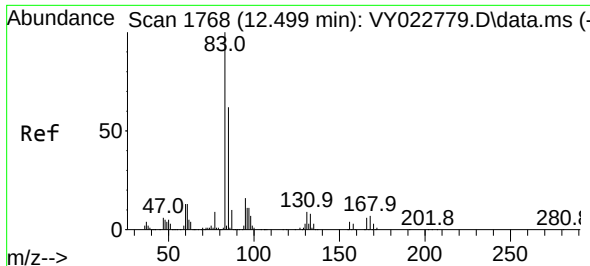
43 100

70 44.6 34.2 51.2

55 25.9 18.2 27.4

61 24.1 19.0 28.6

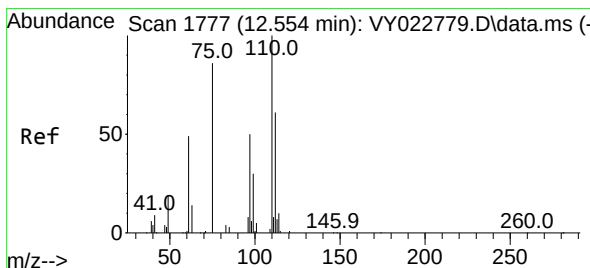
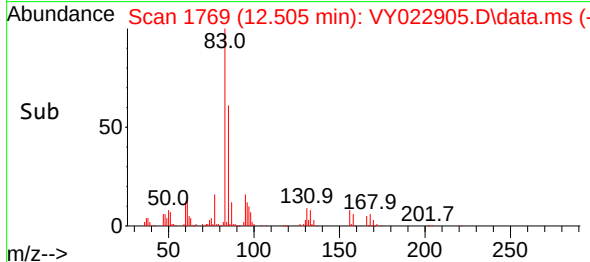
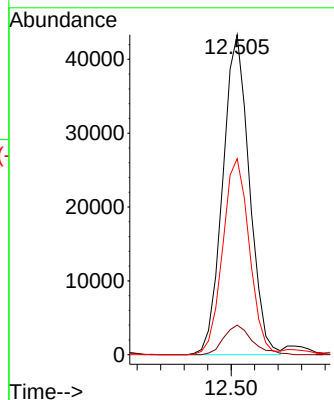
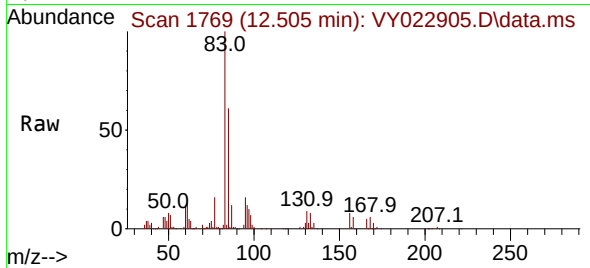




#75
1,1,2,2-Tetrachloroethane
Concen: 20.837 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

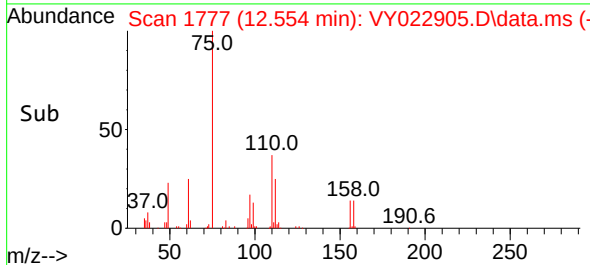
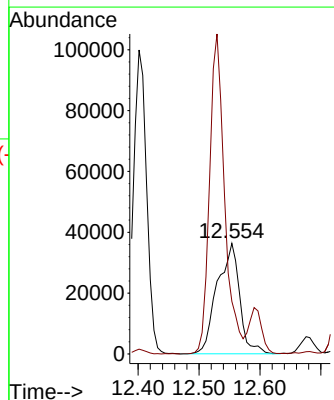
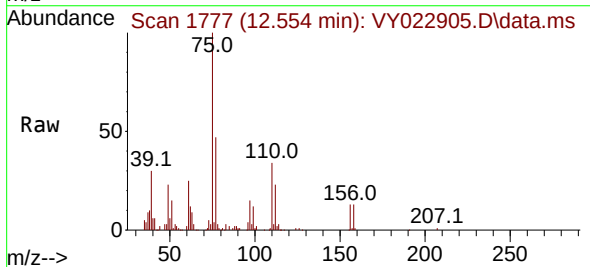
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

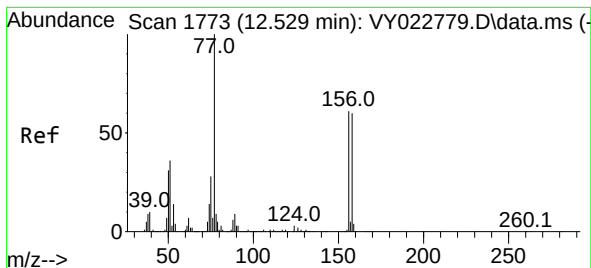
Tgt Ion: 83 Resp: 68209
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 61.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 33.120 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 75 Resp: 92861
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.719 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

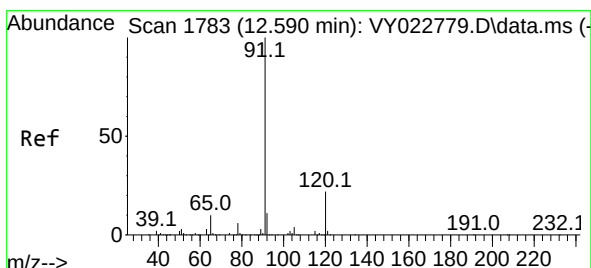
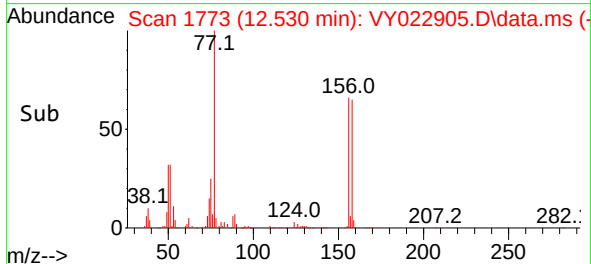
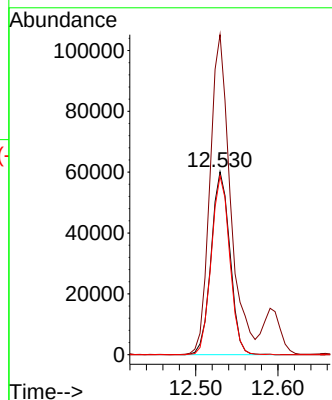
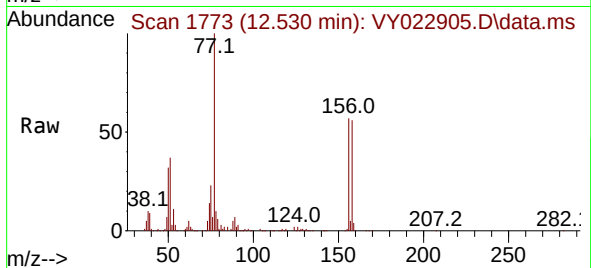
Tgt Ion:156 Resp: 95387

Ion Ratio Lower Upper

156 100

77 190.4 94.0 282.1

158 96.1 48.2 144.6



#78

n-propylbenzene

Concen: 21.824 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022905.D

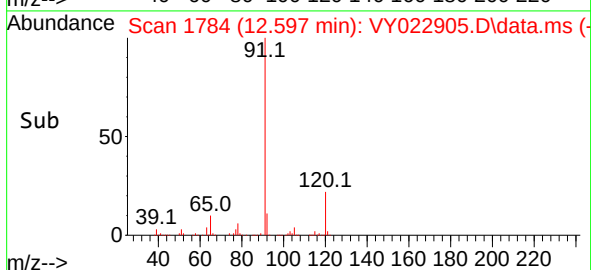
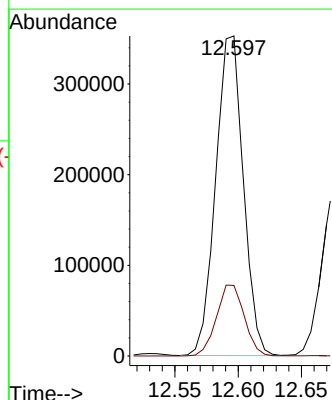
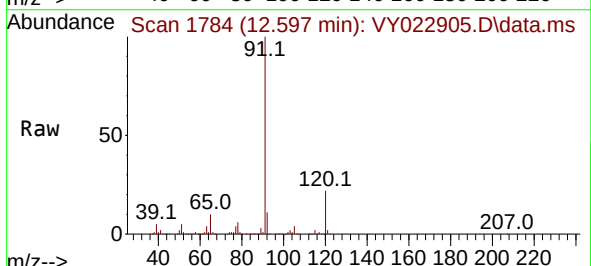
Acq: 02 Jul 2025 12:12

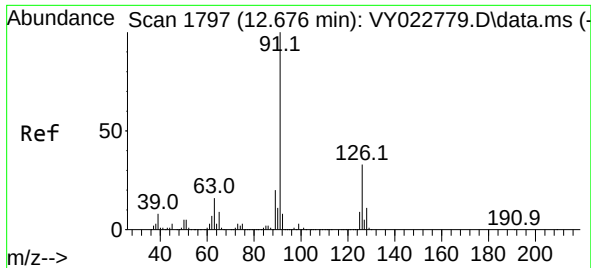
Tgt Ion: 91 Resp: 535170

Ion Ratio Lower Upper

91 100

120 22.3 10.8 32.4

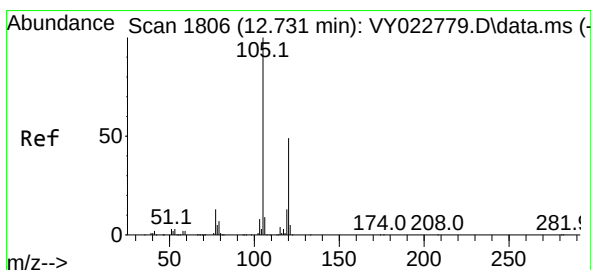
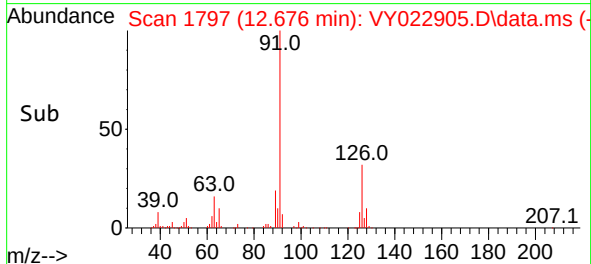
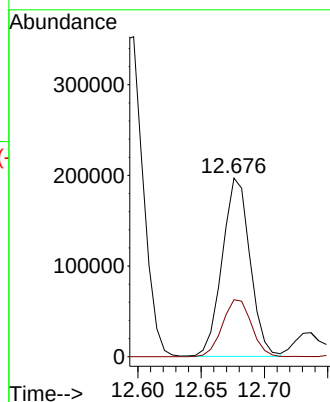
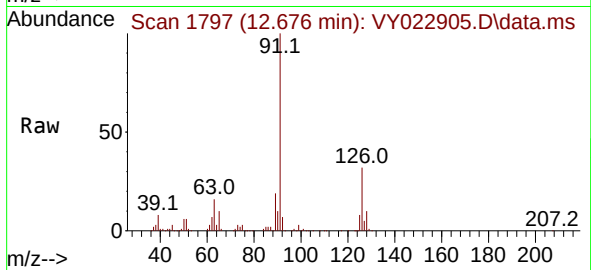




#79
2-Chlorotoluene
Concen: 21.730 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

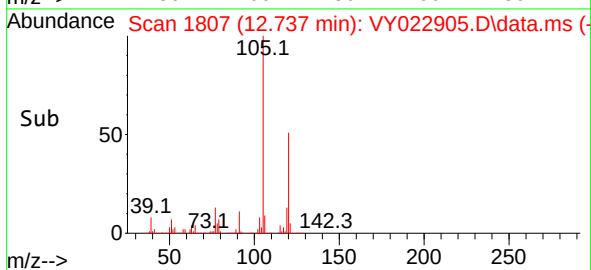
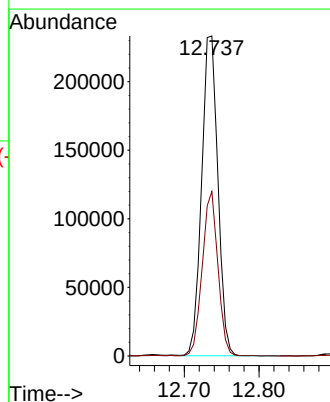
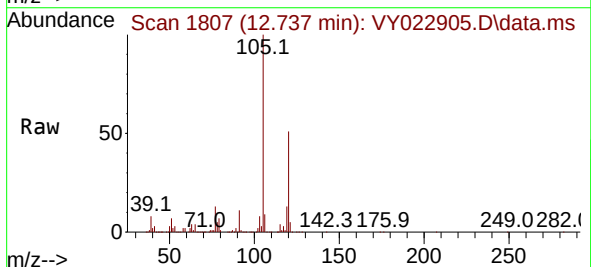
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

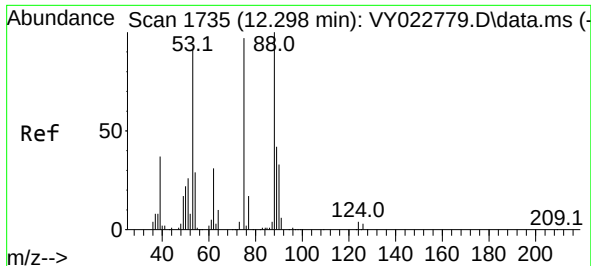
Tgt Ion: 91 Resp: 301072
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.499 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 105 Resp: 352500
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.4

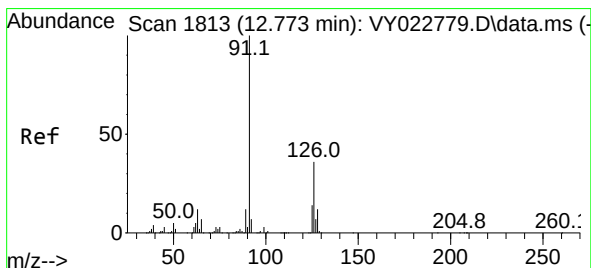
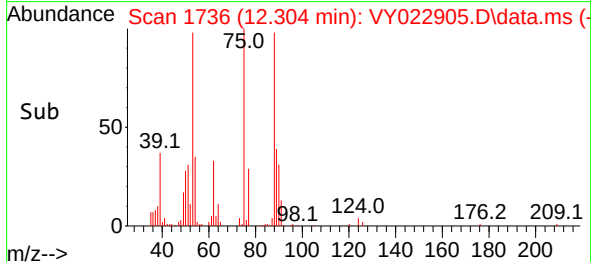
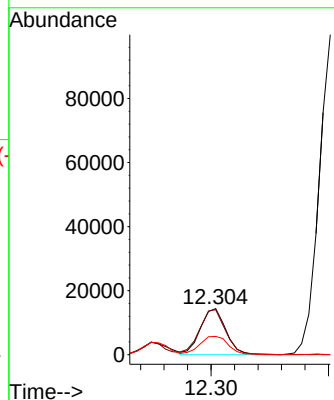
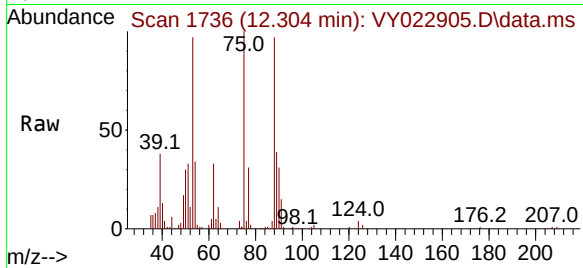




#81
trans-1,4-Dichloro-2-butene
Concen: 19.538 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

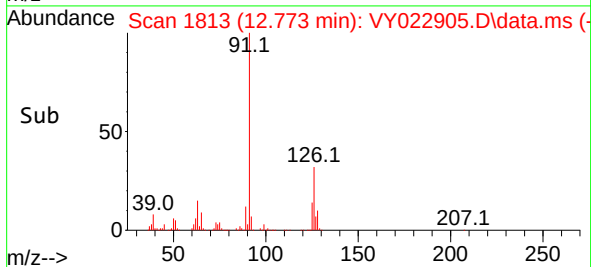
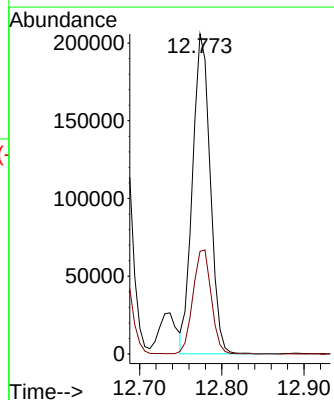
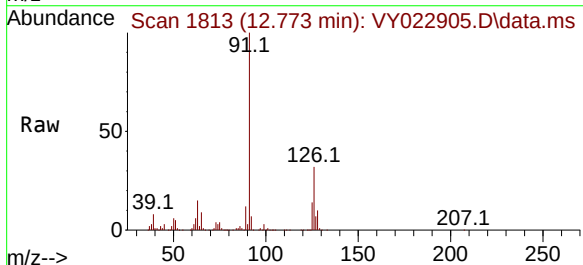
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

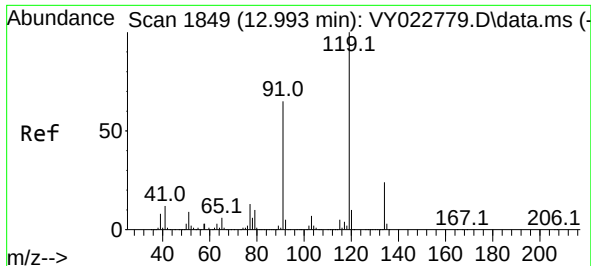
Tgt Ion: 75 Resp: 21683
Ion Ratio Lower Upper
75 100
53 100.5 78.5 117.7
89 44.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.076 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 91 Resp: 306721
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9

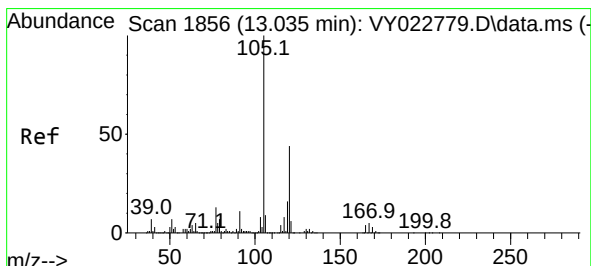
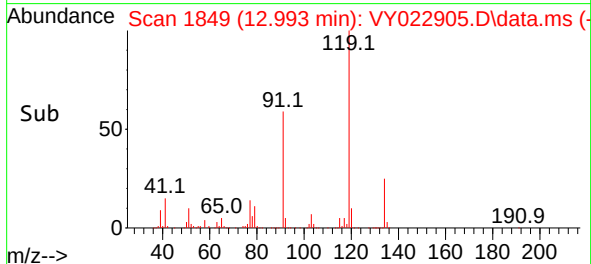
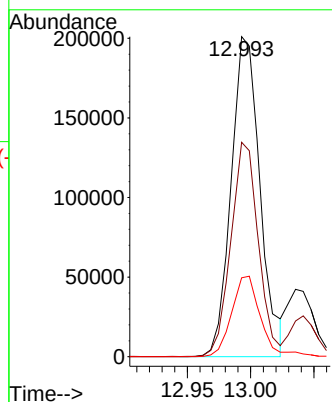
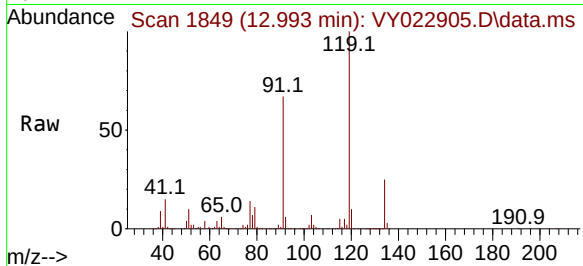




#83
 tert-Butylbenzene
 Concen: 22.085 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

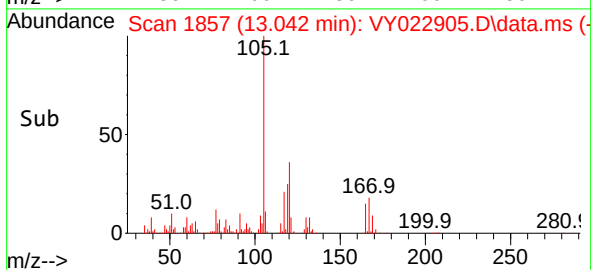
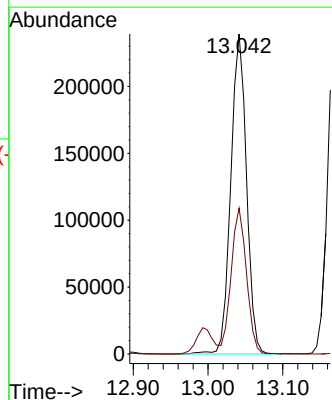
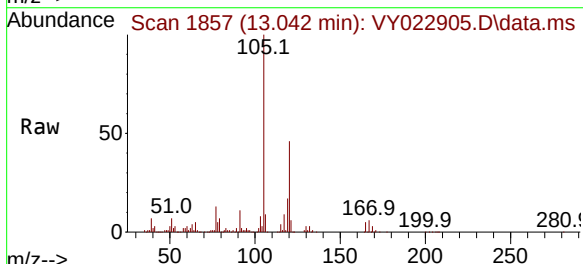
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

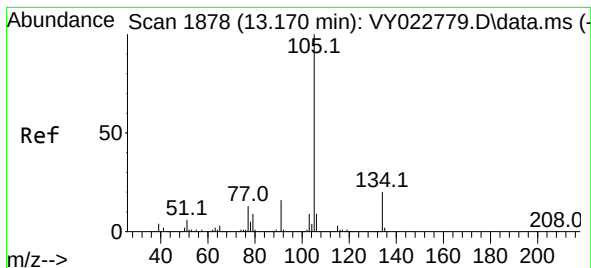
Tgt Ion:119 Resp: 319348
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.3
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.208 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion:105 Resp: 348148
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.923 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

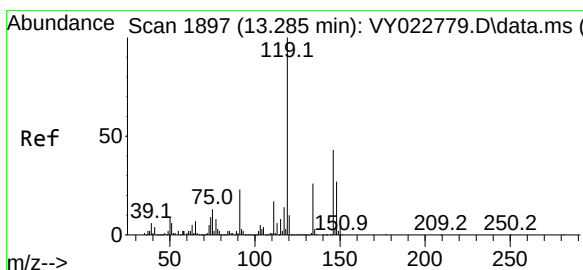
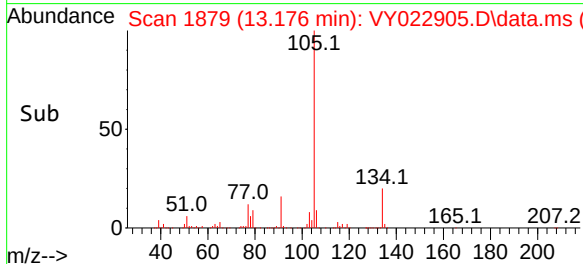
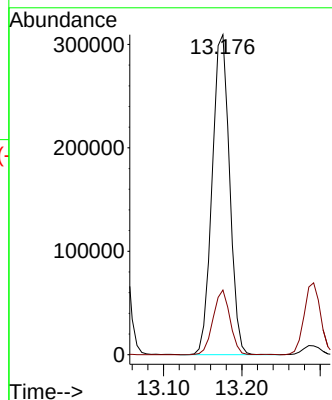
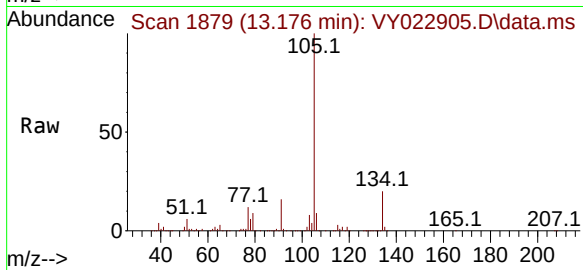
VY0702SBS01

Tgt Ion:105 Resp: 476969

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.443 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

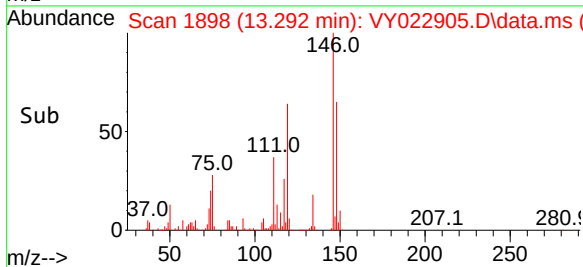
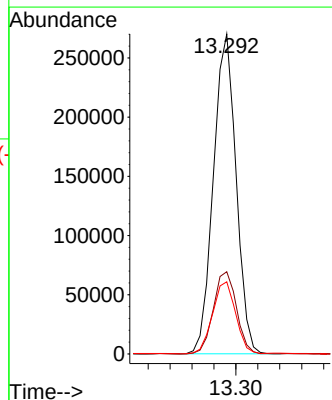
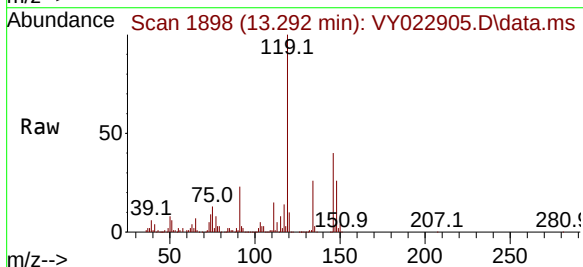
Tgt Ion:119 Resp: 388241

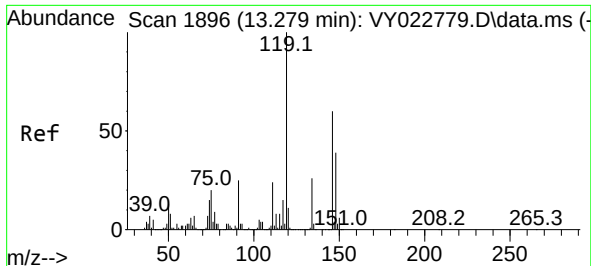
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.436 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

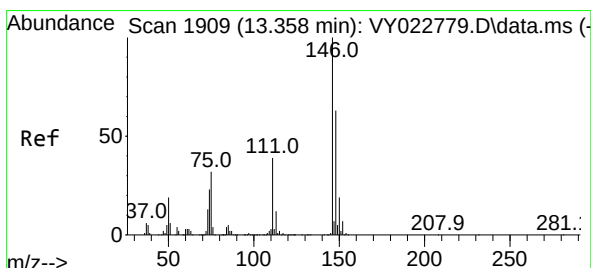
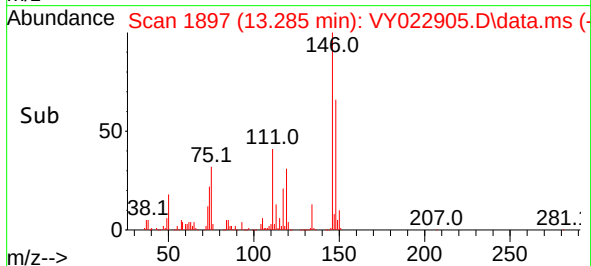
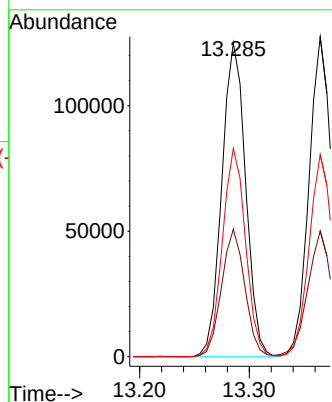
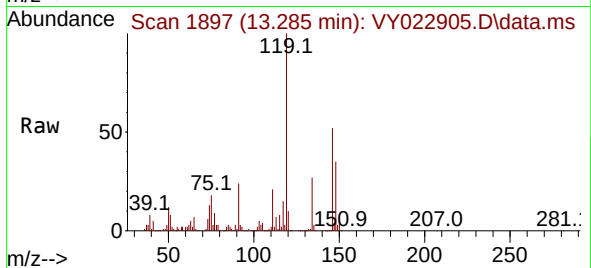
Tgt Ion:146 Resp: 188954

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

148 64.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.498 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

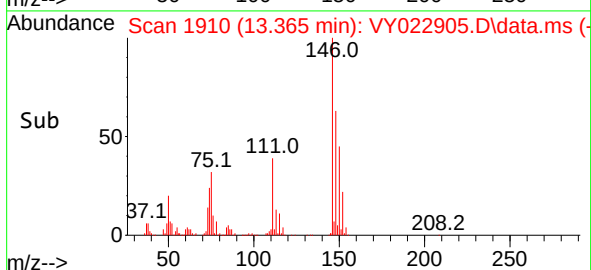
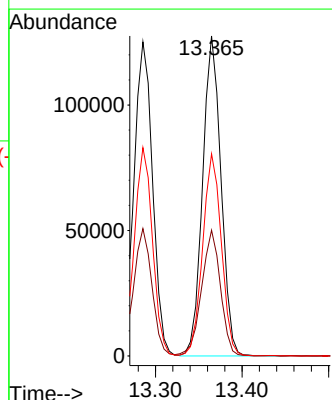
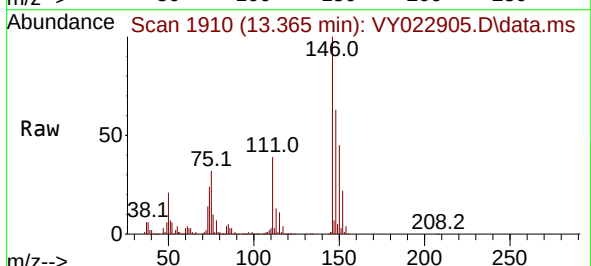
Tgt Ion:146 Resp: 188266

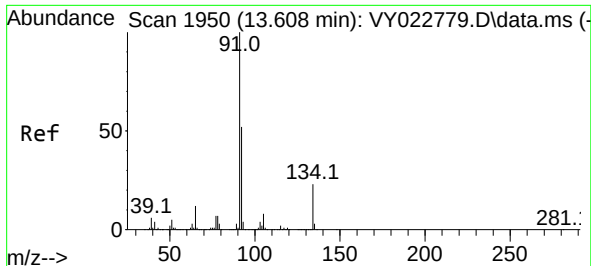
Ion Ratio Lower Upper

146 100

111 40.2 19.4 58.2

148 64.1 31.6 94.8

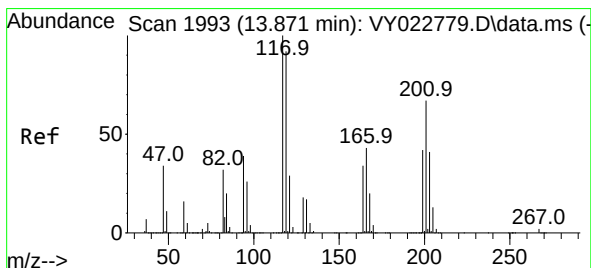
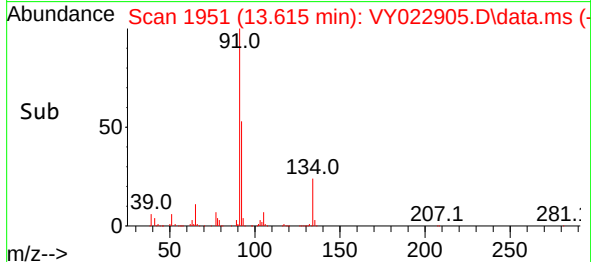
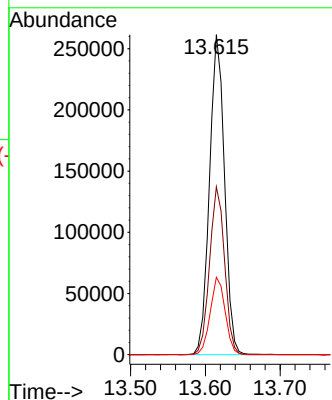
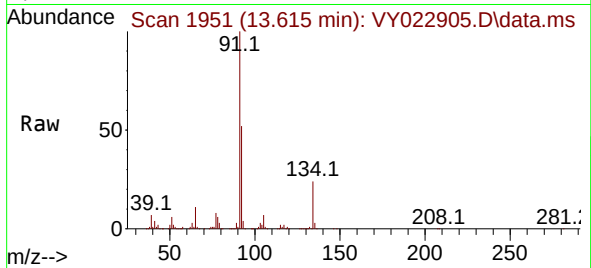




#89
n-Butylbenzene
Concen: 21.464 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

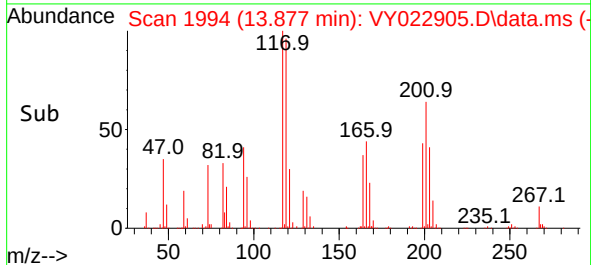
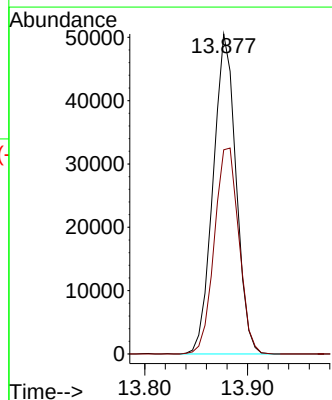
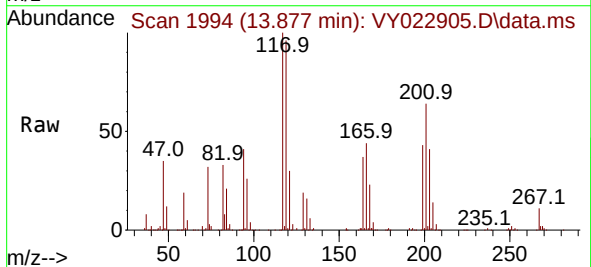
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBS01

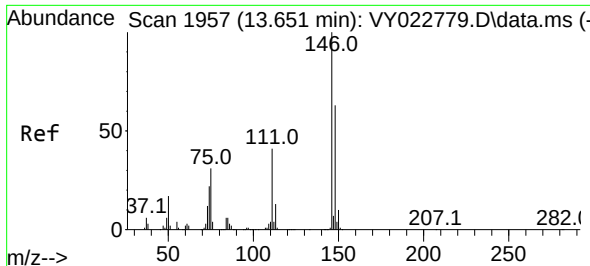
Tgt Ion: 91 Resp: 365542
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 24.2 12.0 36.1



#90
Hexachloroethane
Concen: 21.706 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022905.D
Acq: 02 Jul 2025 12:12

Tgt Ion: 117 Resp: 78274
Ion Ratio Lower Upper
117 100
201 69.0 34.0 102.0

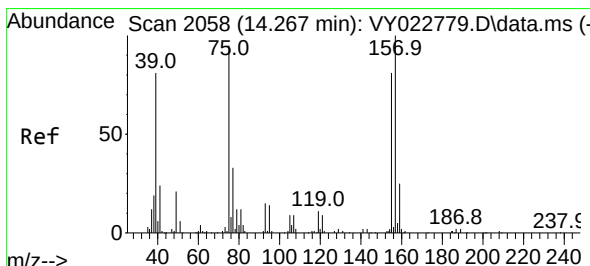
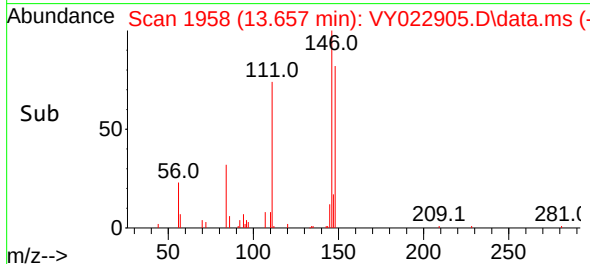
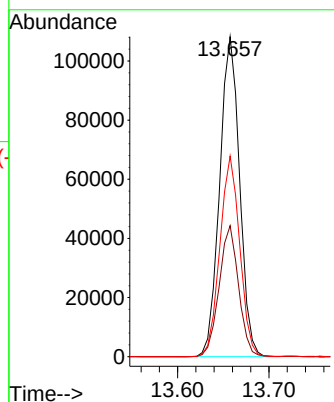
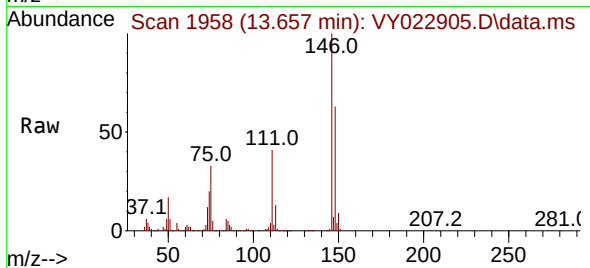




#91
 1,2-Dichlorobenzene
 Concen: 20.146 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

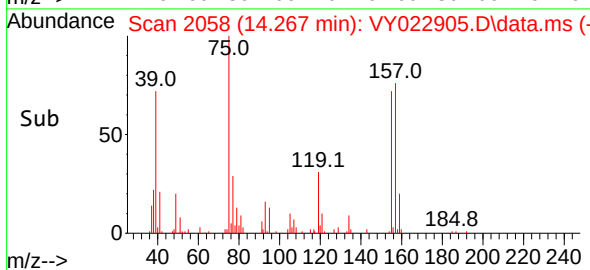
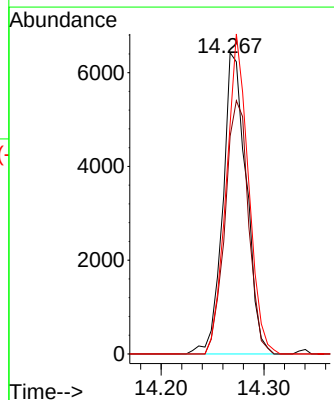
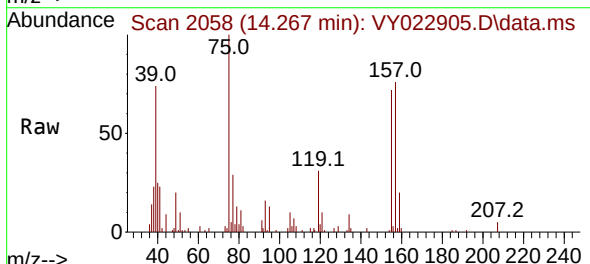
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

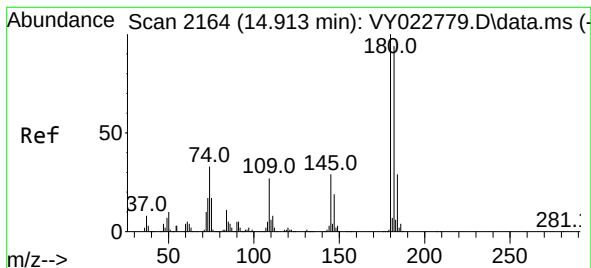
Tgt Ion:146 Resp: 164154
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 62.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.326 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022905.D
 Acq: 02 Jul 2025 12:12

Tgt Ion: 75 Resp: 10173
 Ion Ratio Lower Upper
 75 100
 155 84.1 39.9 119.6
 157 100.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.449 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

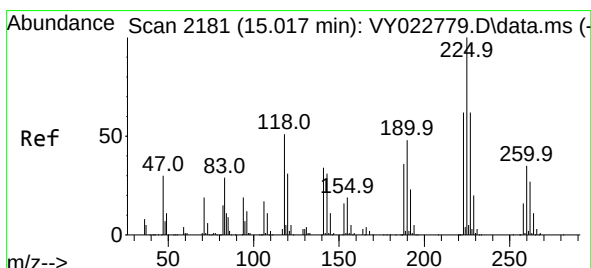
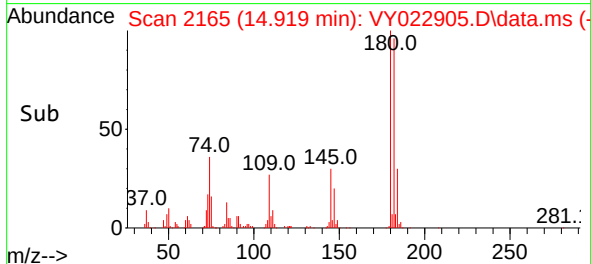
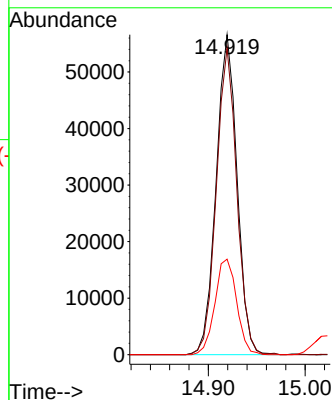
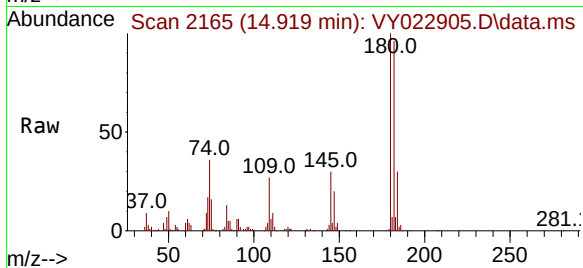
Tgt Ion:180 Resp: 84875

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.3

145 31.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.833 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

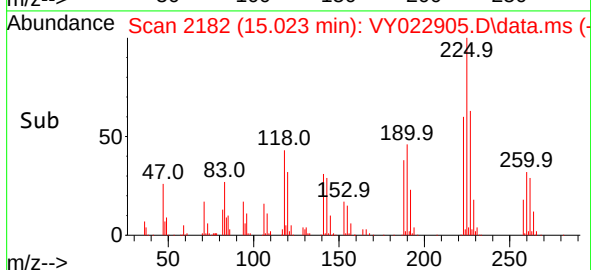
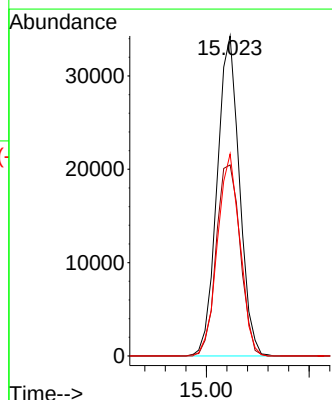
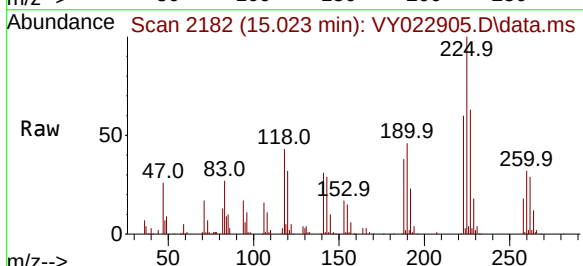
Tgt Ion:225 Resp: 51596

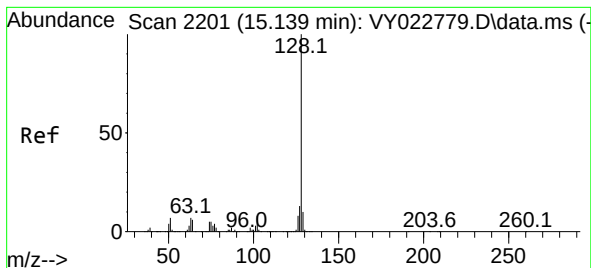
Ion Ratio Lower Upper

225 100

223 64.3 32.5 97.4

227 63.6 32.3 96.9





#95

Naphthalene

Concen: 16.242 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

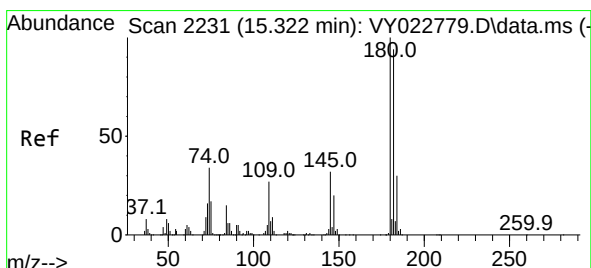
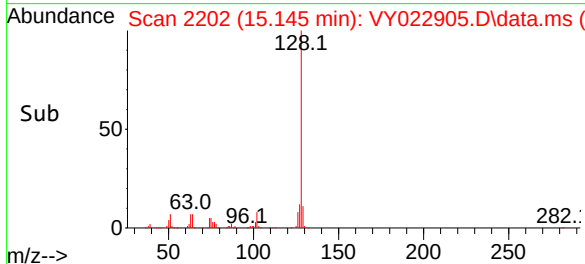
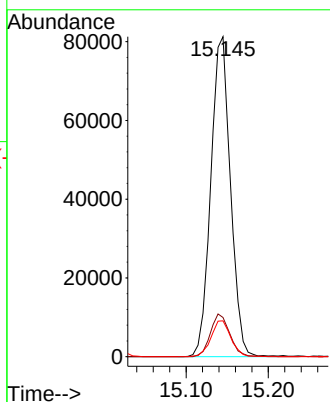
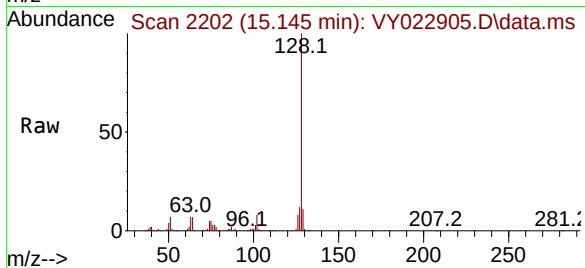
Tgt Ion:128 Resp: 135120

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.901 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022905.D

Acq: 02 Jul 2025 12:12

Tgt Ion:180 Resp: 71165

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 32.1 15.2 45.6

