

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022893.D
 Acq On : 01 Jul 2025 11:34
 Operator : SY/MD
 Sample : VY0701SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Quant Time: Jul 02 02:43:42 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	427188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	723243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	617191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	293207	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	234701	49.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.628	113	213869	48.624	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.103	98	857985	49.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.402	95	266088	47.425	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	75087	20.555	ug/l	96
3) Chloromethane	2.068	50	141899	20.343	ug/l	100
4) Vinyl Chloride	2.202	62	171173	19.642	ug/l	100
5) Bromomethane	2.592	94	149158	21.772	ug/l	96
6) Chloroethane	2.733	64	116384	19.868	ug/l	94
7) Trichlorofluoromethane	3.050	101	189847	19.675	ug/l	100
8) Diethyl Ether	3.452	74	51645	21.670	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	92663	21.013	ug/l	98
10) Methyl Iodide	3.995	142	86971	18.115	ug/l	99
11) Tert butyl alcohol	4.860	59	31925	100.701	ug/l	99
12) 1,1-Dichloroethene	3.787	96	88726	20.520	ug/l	100
13) Acrolein	3.653	56	34410	80.043	ug/l	99
14) Allyl chloride	4.385	41	139762	21.014	ug/l	94
15) Acrylonitrile	5.055	53	105204	105.800	ug/l	98
16) Acetone	3.873	43	119307	132.393	ug/l	100
17) Carbon Disulfide	4.098	76	282866	20.250	ug/l	99
18) Methyl Acetate	4.385	43	60909	20.409	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	242636	20.608	ug/l	100
20) Methylene Chloride	4.610	84	126391	22.209	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	99989	20.233	ug/l	98
22) Diisopropyl ether	6.012	45	313799	21.246	ug/l	97
23) Vinyl Acetate	5.958	43	862225	105.700	ug/l	98
24) 1,1-Dichloroethane	5.915	63	184056	20.631	ug/l	99
25) 2-Butanone	6.890	43	153046	116.689	ug/l	98
26) 2,2-Dichloropropane	6.878	77	155880	20.844	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	116789	20.338	ug/l	98
28) Bromochloromethane	7.238	49	78517	20.934	ug/l	97
29) Tetrahydrofuran	7.256	42	87134	105.211	ug/l	99
30) Chloroform	7.421	83	186942	20.344	ug/l	93
31) Cyclohexane	7.701	56	171764	20.974	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	163409	20.579	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136764	20.514	ug/l	99
37) Ethyl Acetate	6.982	43	60723	21.107	ug/l	97
38) Carbon Tetrachloride	7.817	117	139252	19.796	ug/l	94
39) Methylcyclohexane	9.103	83	175363	20.326	ug/l	99
40) Benzene	8.079	78	416539	20.321	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	27741	15.663	ug/l #	81
42) 1,2-Dichloroethane	8.152	62	115557	20.573	ug/l	99
43) Isopropyl Acetate	8.195	43	123651	20.680	ug/l #	86
44) Trichloroethene	8.866	130	105043	20.411	ug/l	91
45) 1,2-Dichloropropane	9.140	63	99144	20.666	ug/l	99
46) Dibromomethane	9.231	93	54098	19.865	ug/l	97
47) Bromodichloromethane	9.420	83	141982	20.218	ug/l	96
48) Methyl methacrylate	9.219	41	60373	21.003	ug/l	95
49) 1,4-Dioxane	9.231	88	13098	407.085	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	319545	105.165	ug/l	98
52) Toluene	10.170	92	259001	20.028	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	124574	19.716	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	147214	20.094	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	69435	19.690	ug/l	96
56) Ethyl methacrylate	10.438	69	93214	19.647	ug/l	96
57) 1,3-Dichloropropane	10.713	76	125345	20.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	236646	104.614	ug/l	99
59) 2-Hexanone	10.756	43	226074	109.436	ug/l	99
60) Dibromochloromethane	10.908	129	90724	19.917	ug/l	98
61) 1,2-Dibromoethane	11.012	107	64776	19.630	ug/l	99
64) Tetrachloroethene	10.646	164	120797	20.718	ug/l	98
65) Chlorobenzene	11.438	112	273997	20.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	89053	19.387	ug/l	97
67) Ethyl Benzene	11.518	91	479730	20.133	ug/l	99
68) m/p-Xylenes	11.627	106	367192	39.865	ug/l	100
69) o-Xylene	11.950	106	172436	19.868	ug/l	100
70) Styrene	11.969	104	286666	19.719	ug/l	100
71) Bromoform	12.127	173	49004	19.160	ug/l #	99
73) Isopropylbenzene	12.249	105	452872	20.884	ug/l	100
74) N-amyl acetate	12.066	43	102872	21.135	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	70197	20.086	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	104527	34.919	ug/l #	100
77) Bromobenzene	12.530	156	99630	20.270	ug/l	99
78) n-propylbenzene	12.591	91	552037	21.085	ug/l	99
79) 2-Chlorotoluene	12.676	91	304917	20.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	364349	20.814	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	24227	20.447	ug/l	97
82) 4-Chlorotoluene	12.773	91	312723	20.127	ug/l	100
83) tert-Butylbenzene	12.993	119	327710	21.227	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	357535	20.400	ug/l	99
85) sec-Butylbenzene	13.170	105	483323	20.808	ug/l	98
86) p-Isopropyltoluene	13.286	119	399389	20.662	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	196443	19.900	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	195738	19.962	ug/l	99
89) n-Butylbenzene	13.615	91	375526	20.653	ug/l	99
90) Hexachloroethane	13.877	117	79230	20.580	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	172243	19.800	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12276	20.713	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	94298	19.199	ug/l	97
94) Hexachlorobutadiene	15.017	225	53823	19.379	ug/l	99
95) Naphthalene	15.139	128	166356	18.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	78801	18.567	ug/l	98

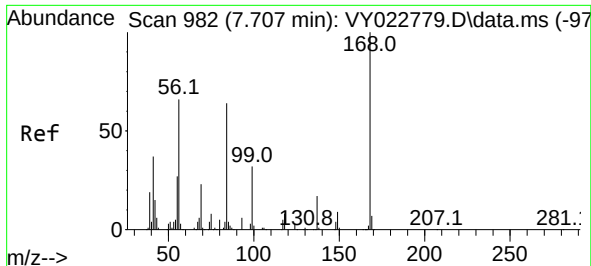
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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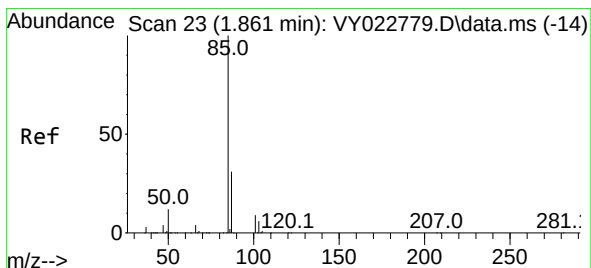
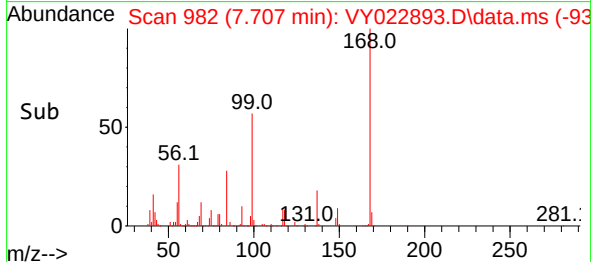
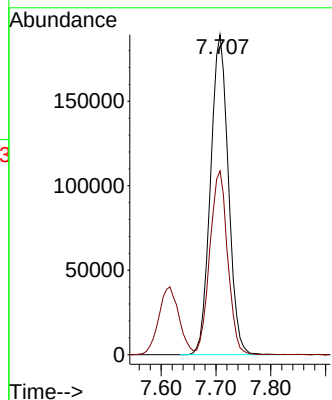
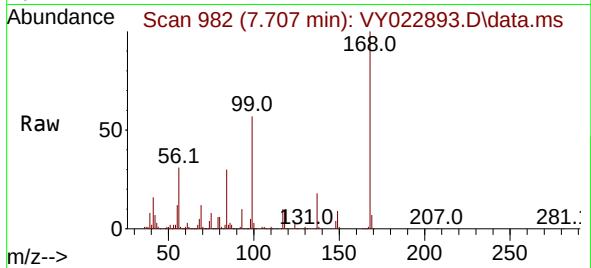
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

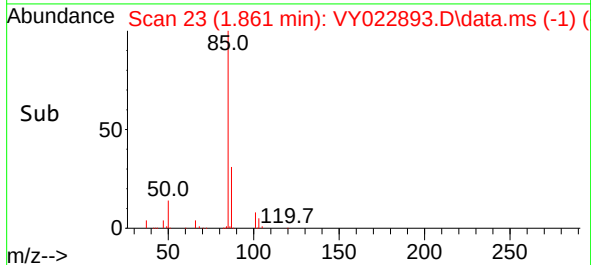
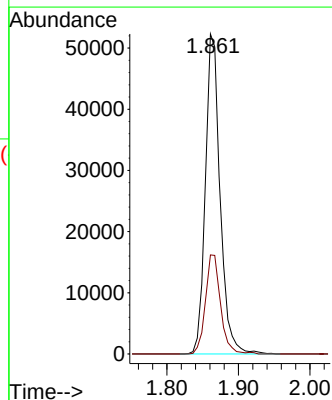
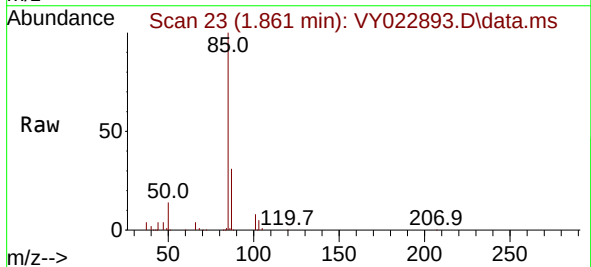
Instrument :
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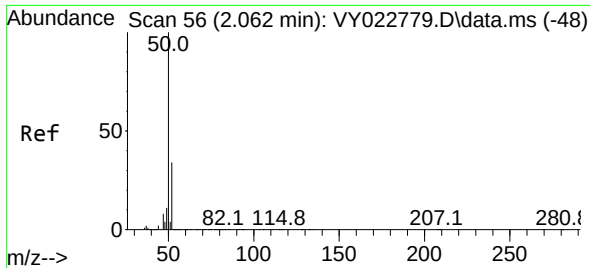
Tgt Ion:168 Resp: 427188
Ion Ratio Lower Upper
168 100
99 57.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.555 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 85 Resp: 75087
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0

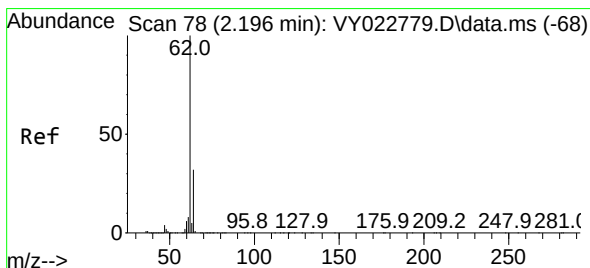
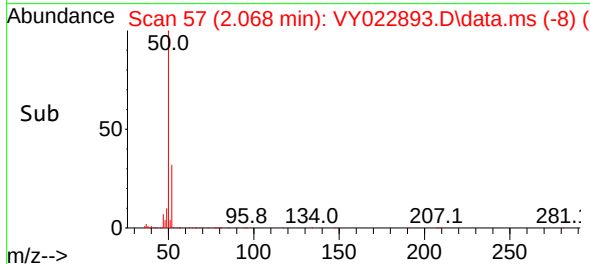
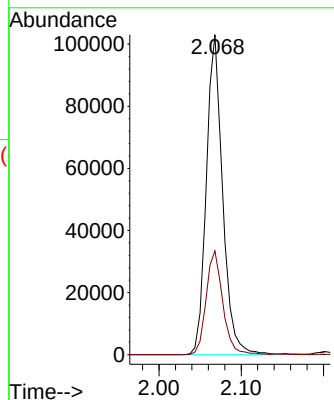
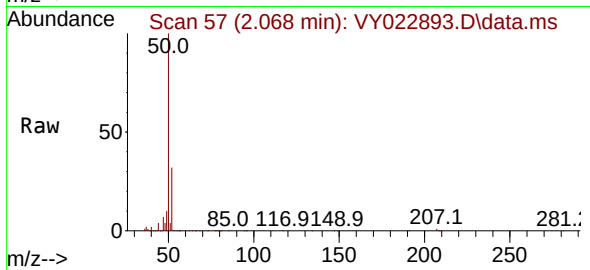




#3
Chloromethane
Concen: 20.343 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

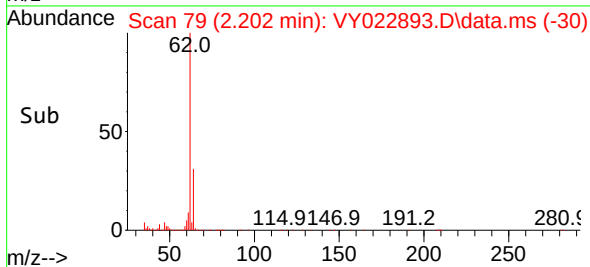
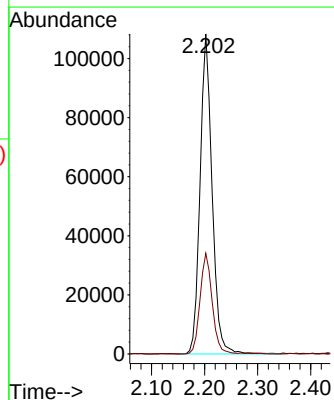
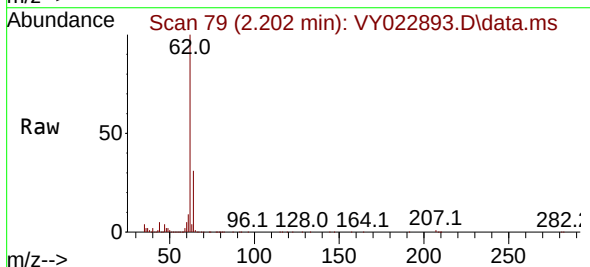
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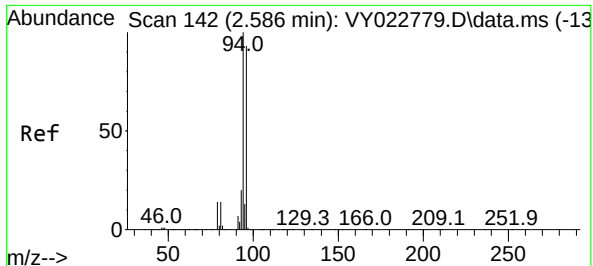
Tgt Ion: 50 Resp: 141899
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 19.642 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 62 Resp: 171173
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9

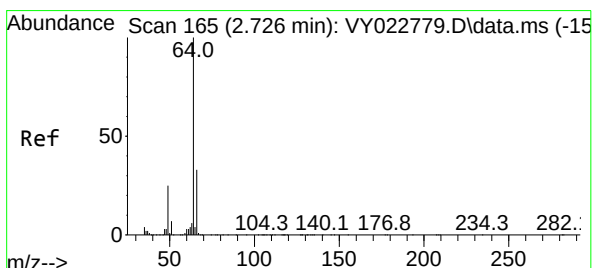
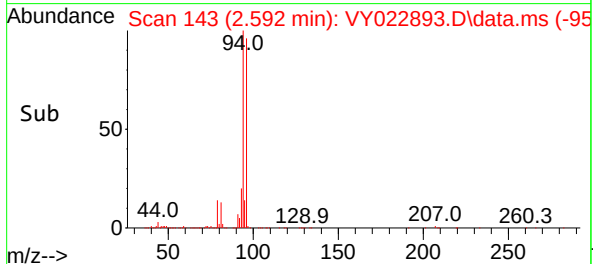
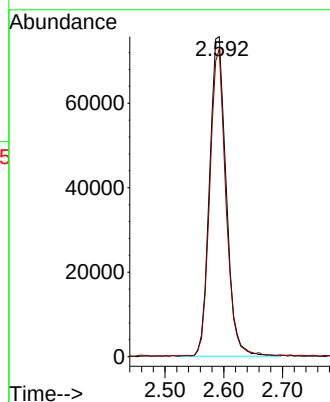
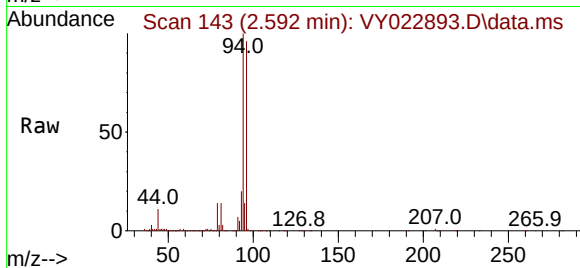




#5
Bromomethane
Concen: 21.772 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

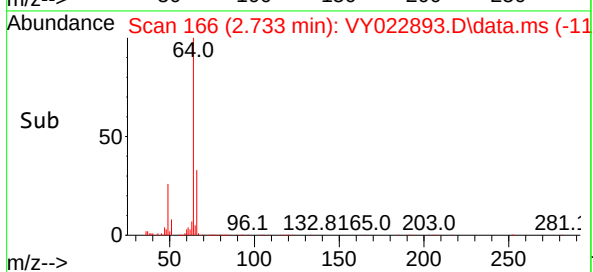
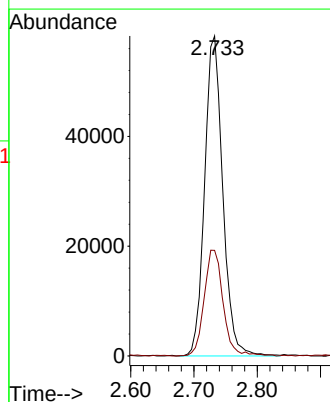
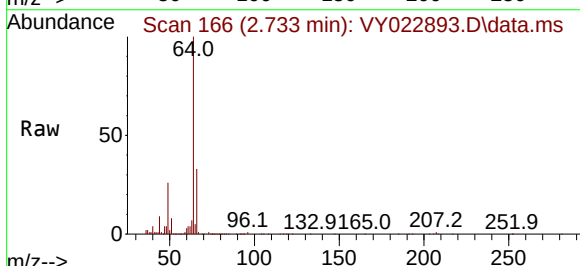
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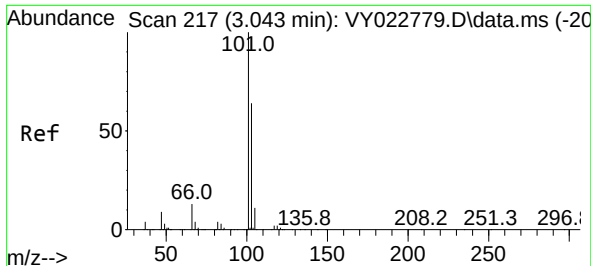
Tgt Ion: 94 Resp: 149158
Ion Ratio Lower Upper
94 100
96 95.9 74.0 111.0



#6
Chloroethane
Concen: 19.868 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 64 Resp: 116384
Ion Ratio Lower Upper
64 100
66 32.9 23.8 35.6

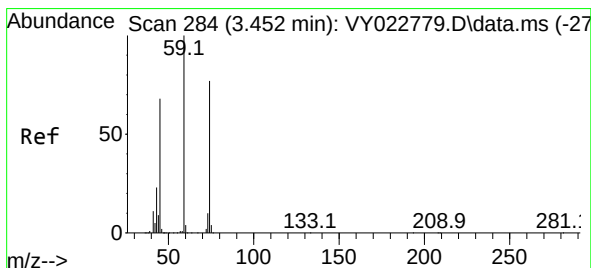
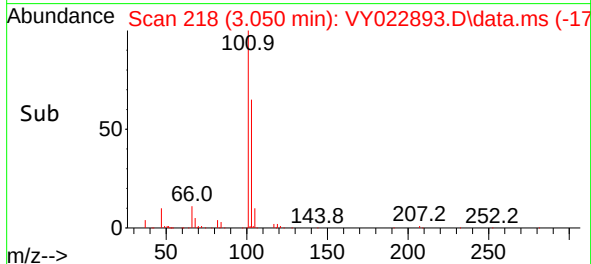
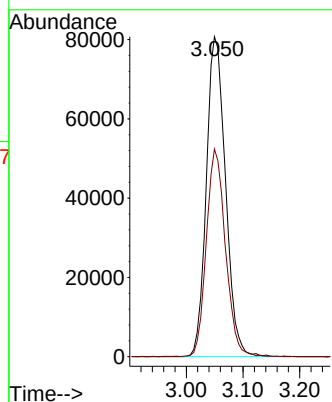
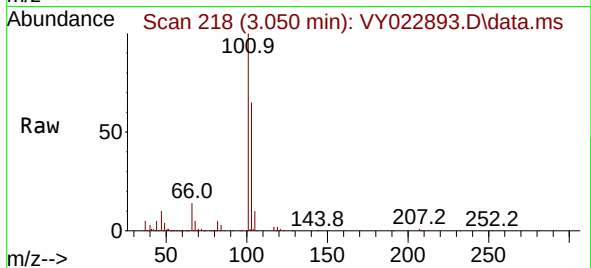




#7
Trichlorofluoromethane
Concen: 19.675 ug/l
RT: 3.050 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022893.D
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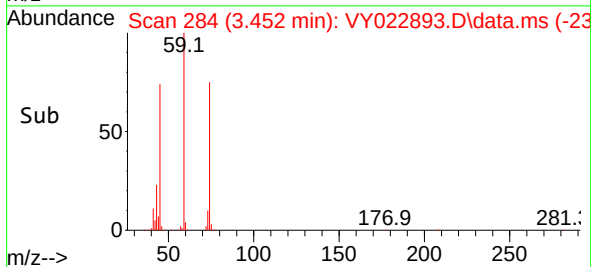
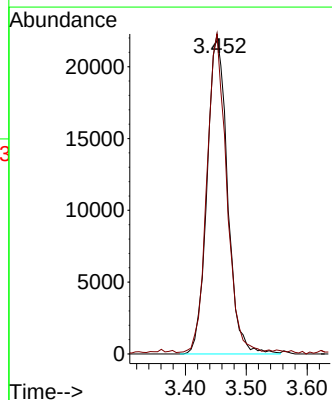
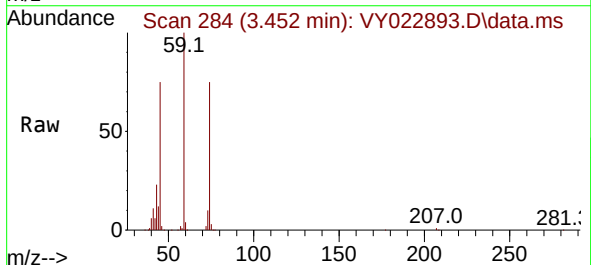
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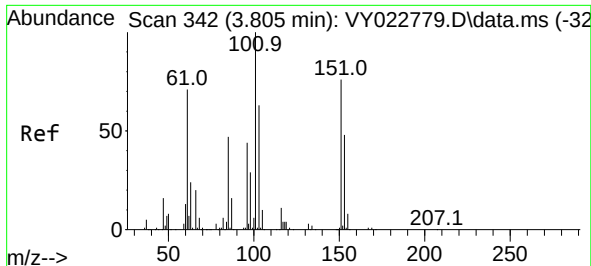
Tgt Ion:101 Resp: 189847
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2



#8
Diethyl Ether
Concen: 21.670 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 74 Resp: 51645
Ion Ratio Lower Upper
74 100
45 96.0 45.9 137.6

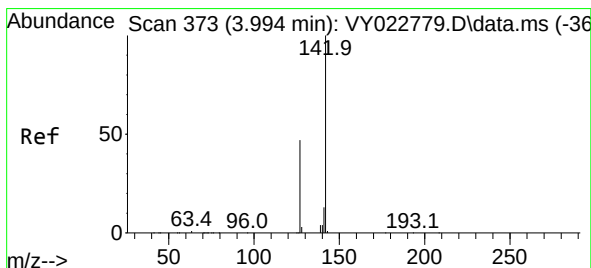
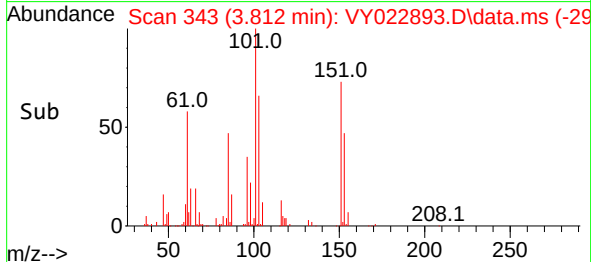
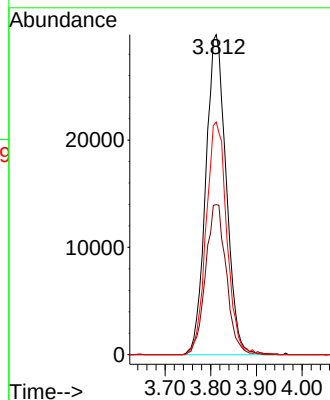
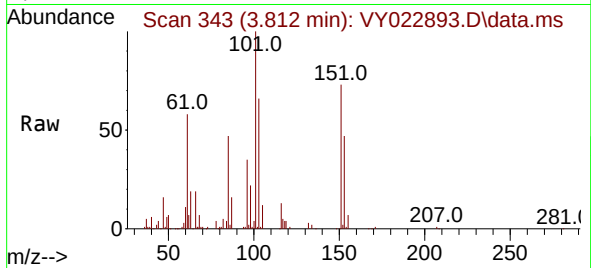




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.013 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022893.D
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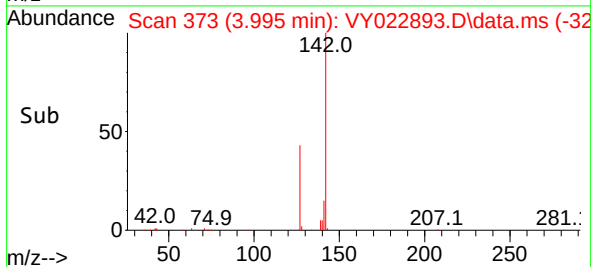
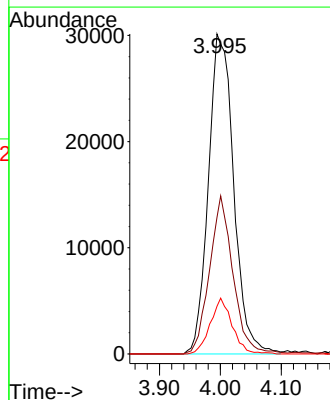
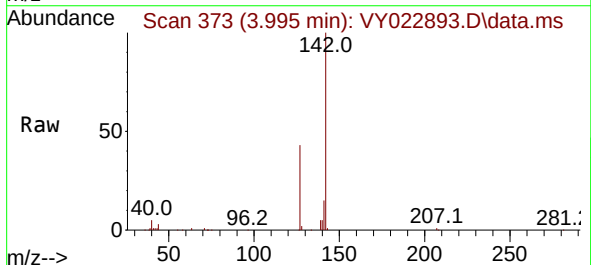
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

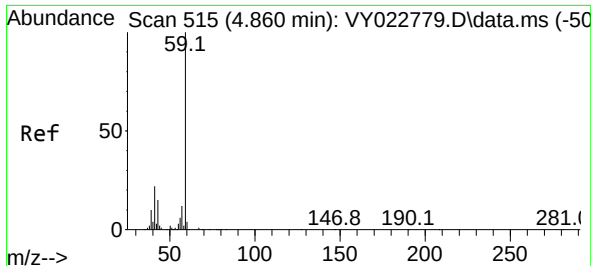
Tgt Ion:101 Resp: 92663
Ion Ratio Lower Upper
101 100
85 47.6 39.3 58.9
151 73.5 57.8 86.8



#10
Methyl Iodide
Concen: 18.115 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:142 Resp: 86971
Ion Ratio Lower Upper
142 100
127 45.8 37.1 55.7
141 15.1 11.4 17.2

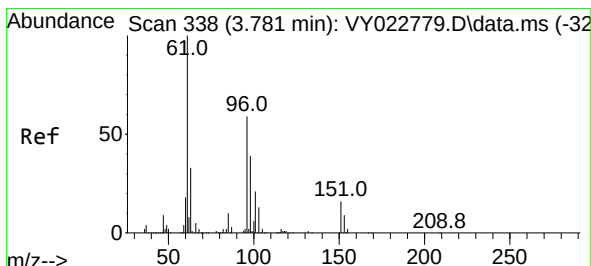
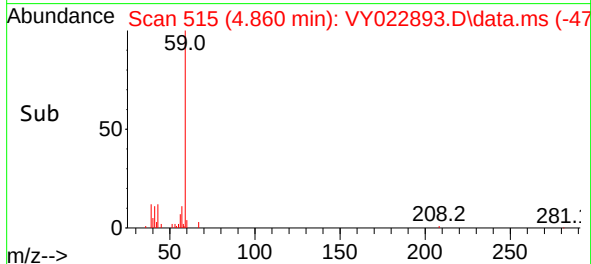
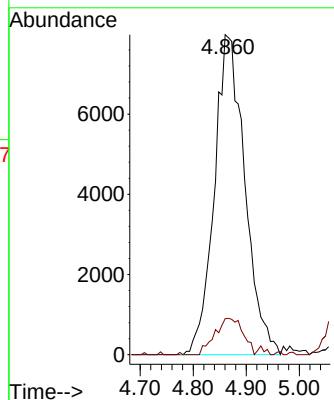
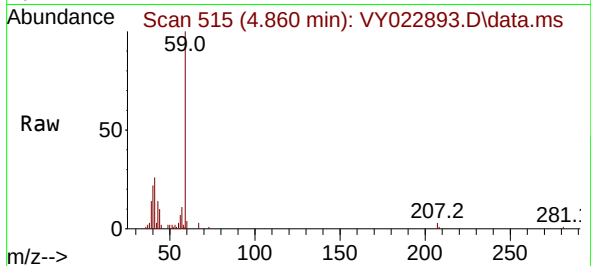




#11
Tert butyl alcohol
Concen: 100.701 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.024 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

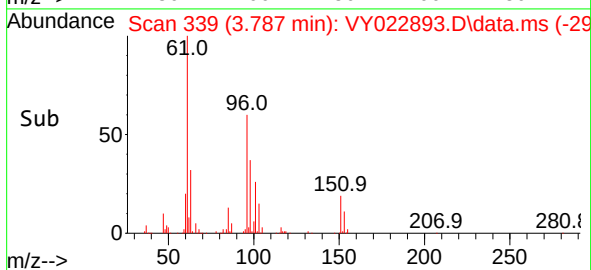
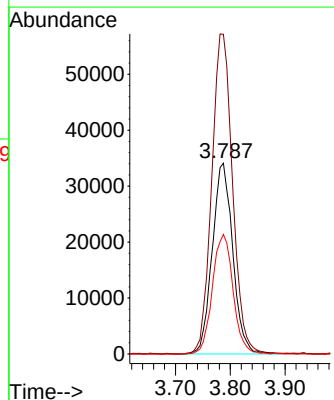
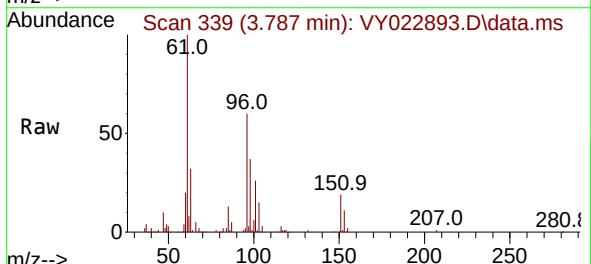
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

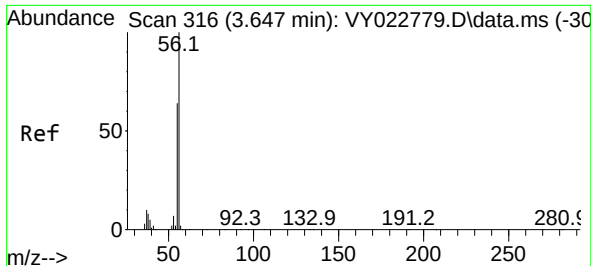
Tgt Ion: 59 Resp: 31925
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.520 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 96 Resp: 88726
Ion Ratio Lower Upper
96 100
61 167.5 134.6 201.8
98 62.6 50.2 75.4

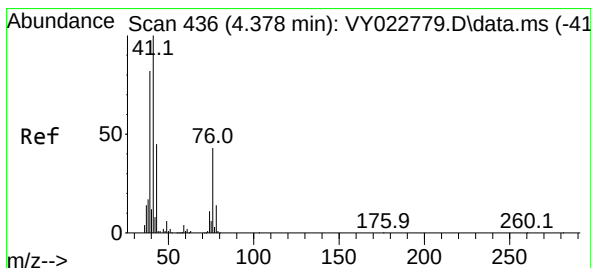
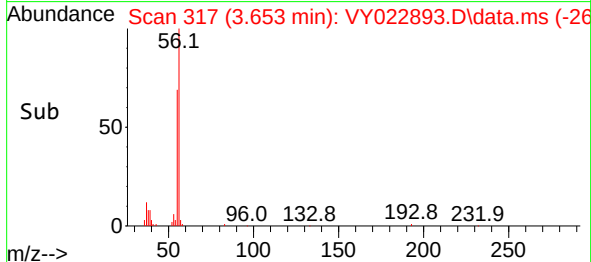
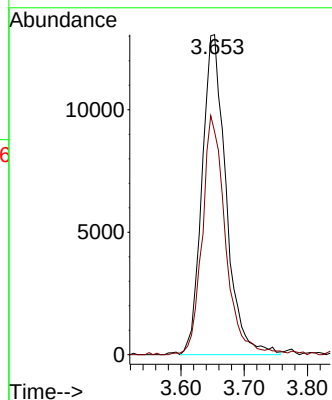
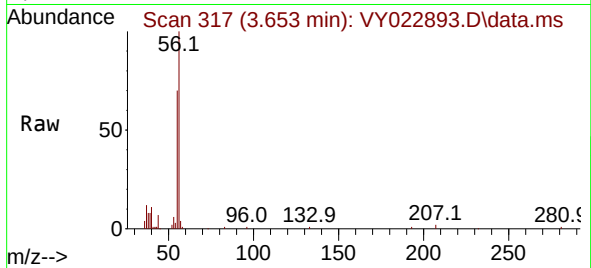




#13
Acrolein
Concen: 80.043 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

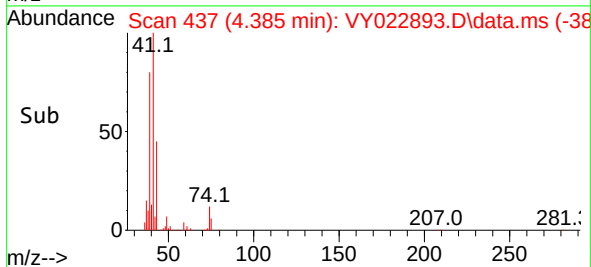
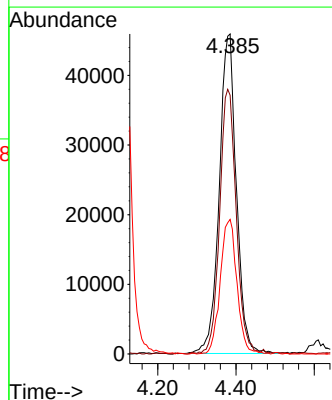
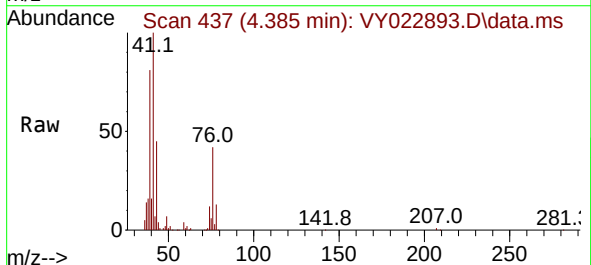
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

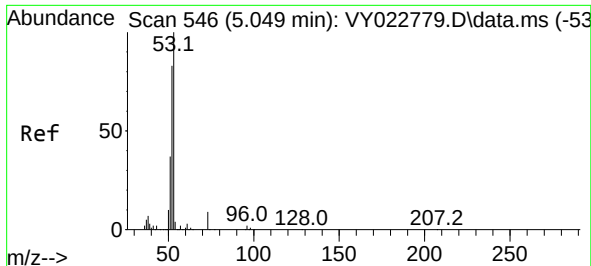
Tgt Ion: 56 Resp: 34410
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.6



#14
Allyl chloride
Concen: 21.014 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 41 Resp: 139762
Ion Ratio Lower Upper
41 100
39 79.4 69.1 103.7
76 40.9 33.5 50.3

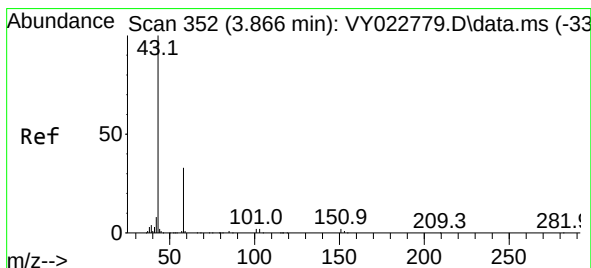
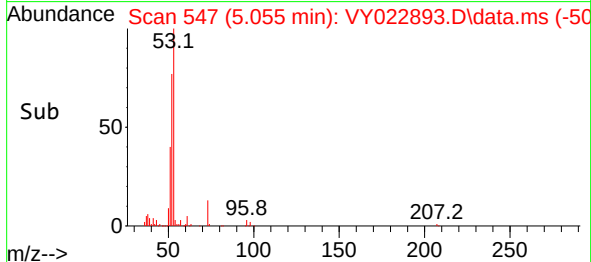
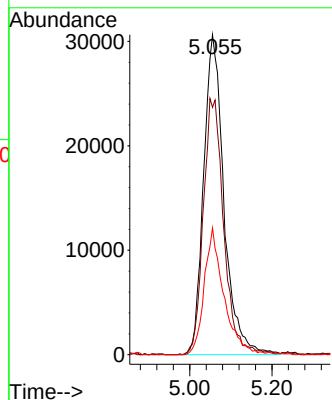
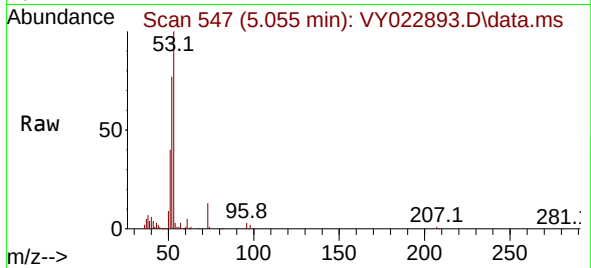




#15
Acrylonitrile
Concen: 105.800 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

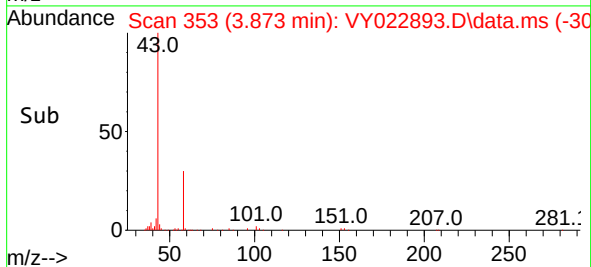
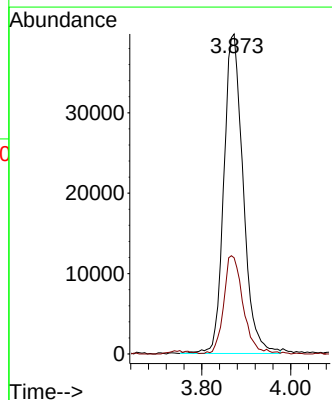
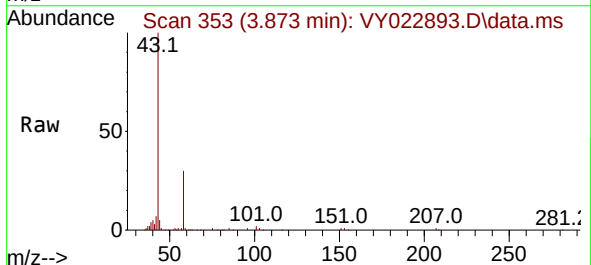
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

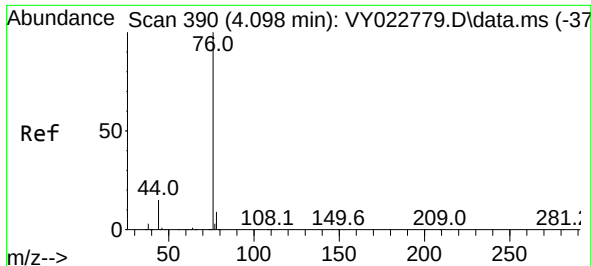
Tgt Ion: 53 Resp: 105204
Ion Ratio Lower Upper
53 100
52 80.4 65.7 98.5
51 38.1 30.1 45.1



#16
Acetone
Concen: 132.393 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 43 Resp: 119307
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0

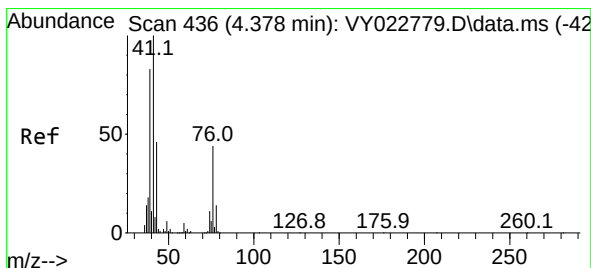
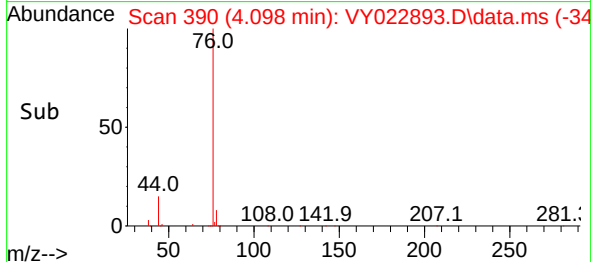
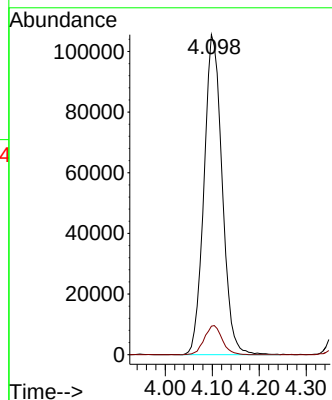
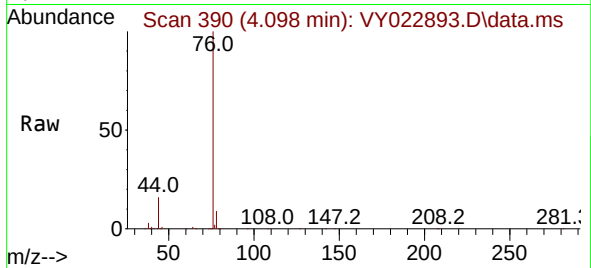




#17
Carbon Disulfide
Concen: 20.250 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

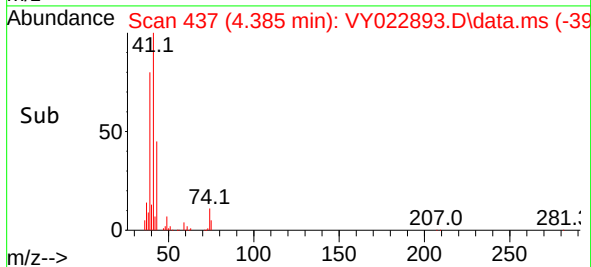
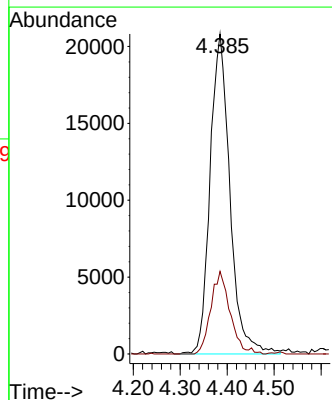
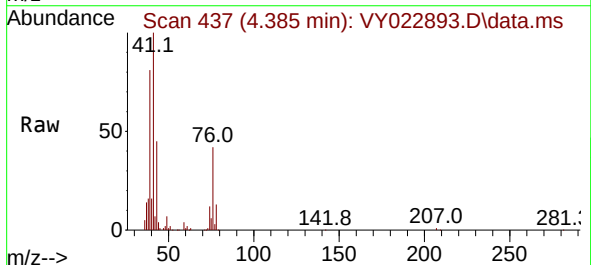
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

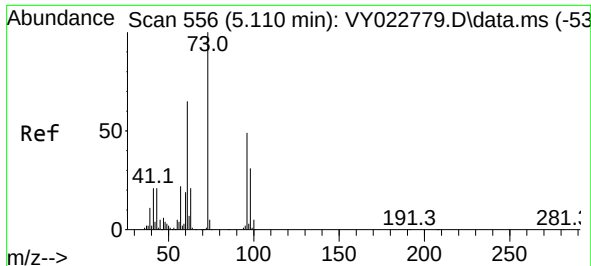
Tgt Ion: 76 Resp: 282866
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 20.409 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 43 Resp: 60909
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6

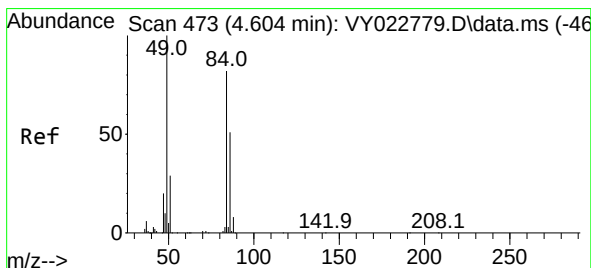
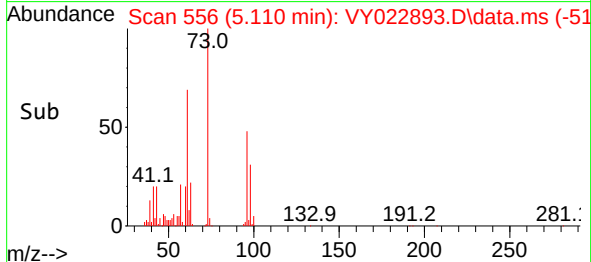
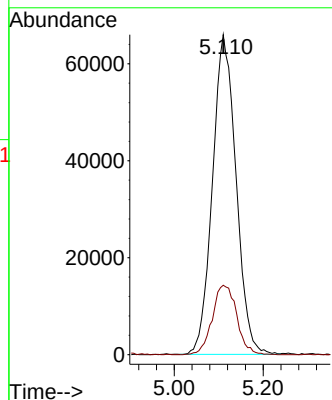
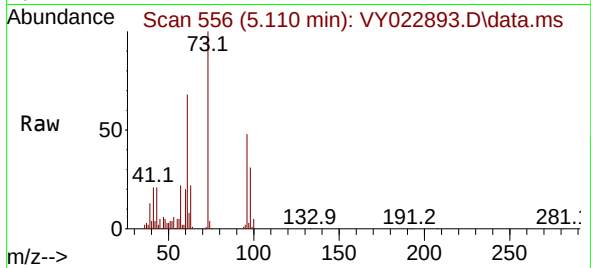




#19
Methyl tert-butyl Ether
Concen: 20.608 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

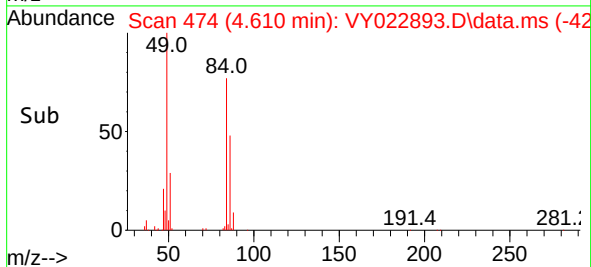
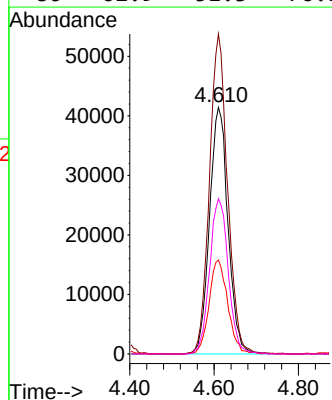
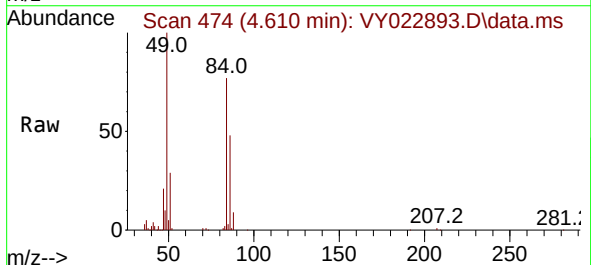
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

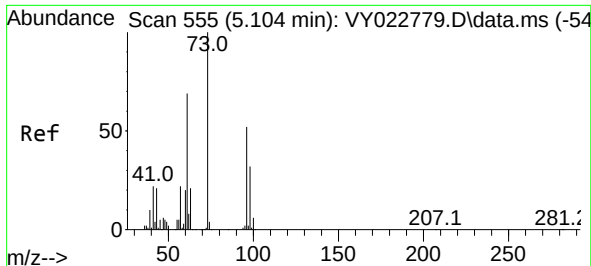
Tgt Ion: 73 Resp: 242636
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 22.209 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 84 Resp: 126391
Ion Ratio Lower Upper
84 100
49 129.8 101.9 152.9
51 38.1 29.8 44.8
86 62.9 51.3 76.9

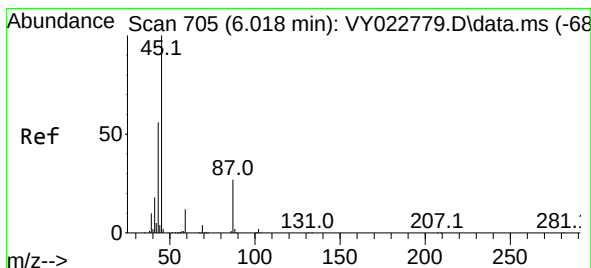
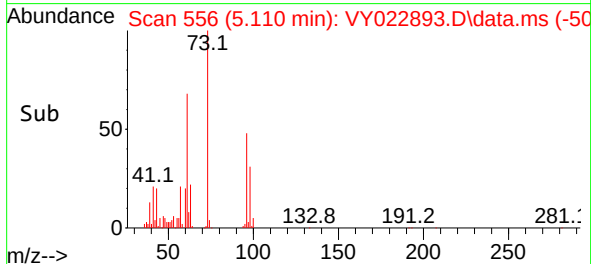
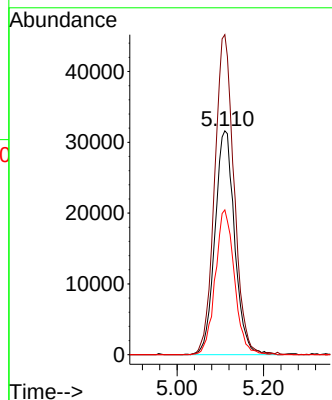
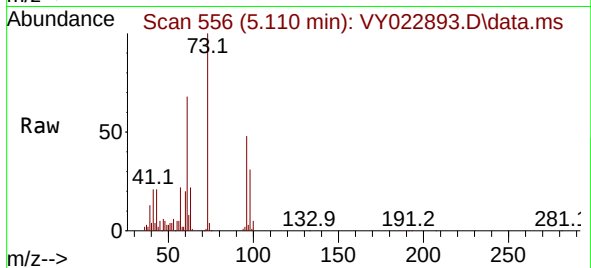




#21
trans-1,2-Dichloroethene
Concen: 20.233 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

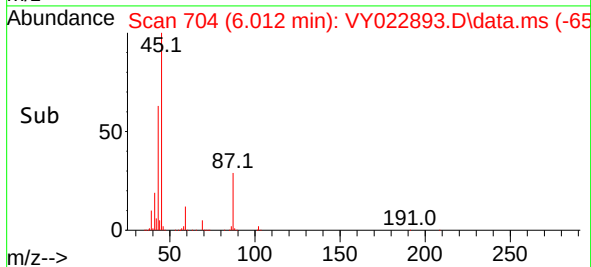
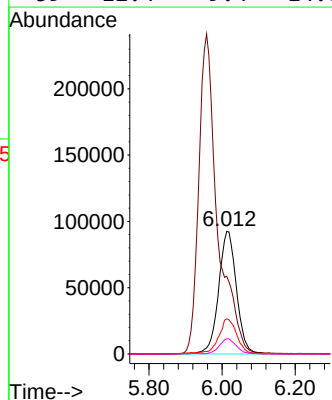
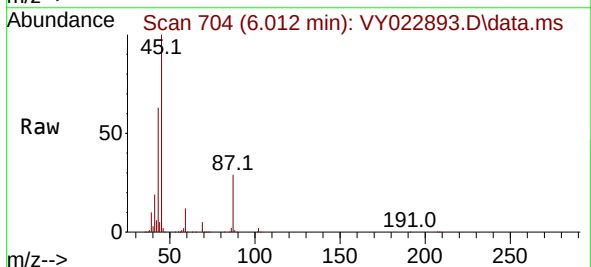
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

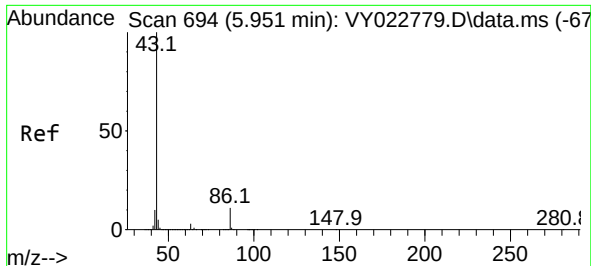
Tgt Ion: 96 Resp: 99989
Ion Ratio Lower Upper
96 100
61 143.0 112.6 169.0
98 64.7 50.6 75.8



#22
Diisopropyl ether
Concen: 21.246 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 45 Resp: 313799
Ion Ratio Lower Upper
45 100
43 63.2 48.3 72.5
87 28.6 23.0 34.6
59 12.4 9.4 14.0

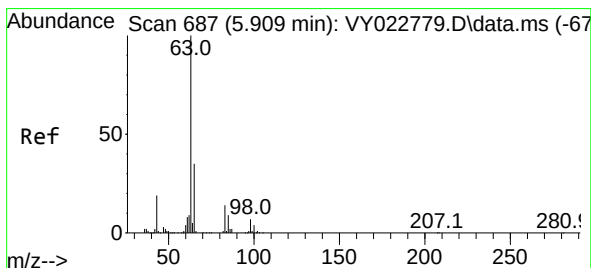
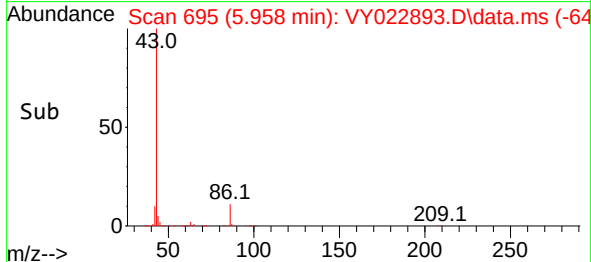
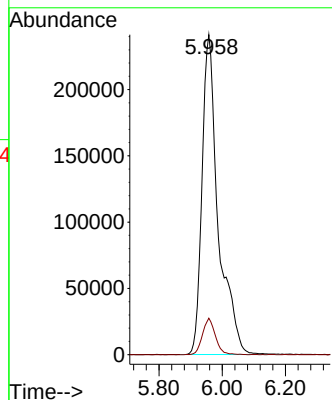
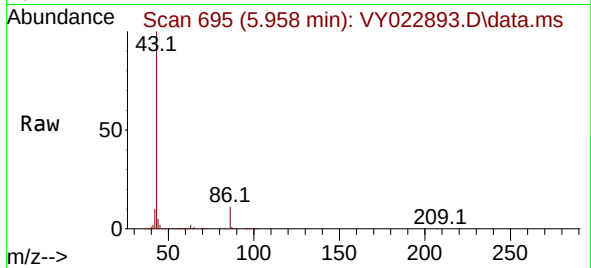




#23
 Vinyl Acetate
 Concen: 105.700 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

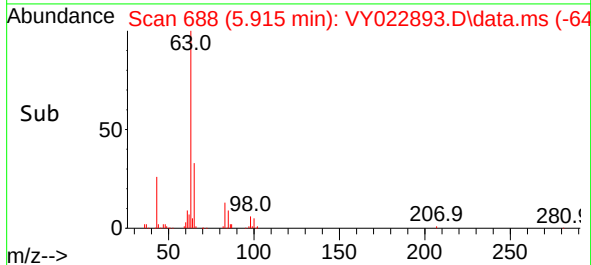
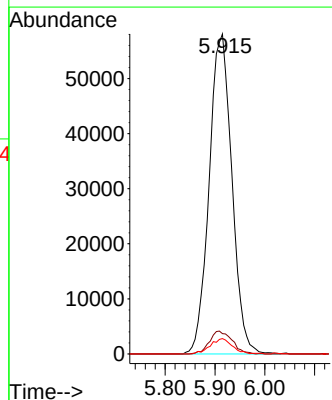
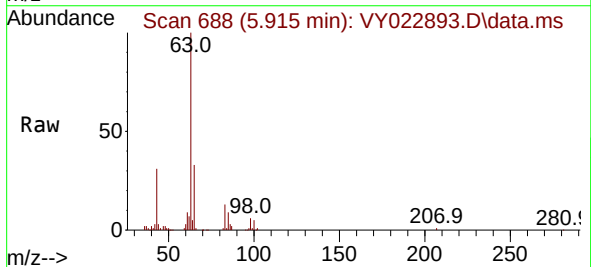
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

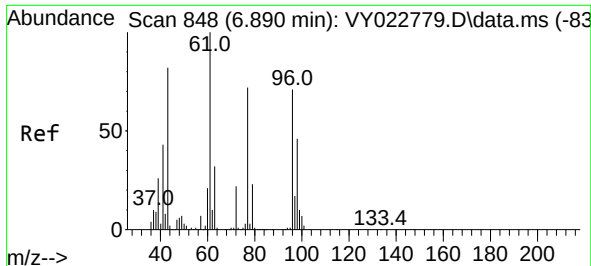
Tgt Ion: 43 Resp: 862225
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.631 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

Tgt Ion: 63 Resp: 184056
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.8 2.1 6.3

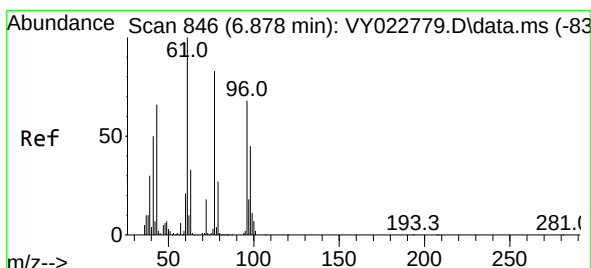
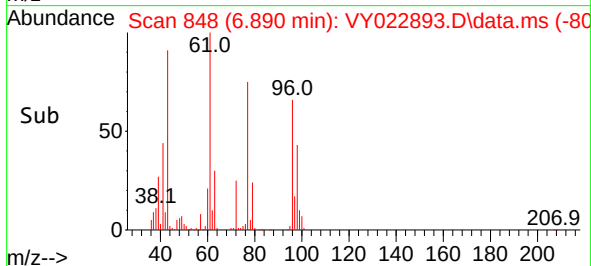
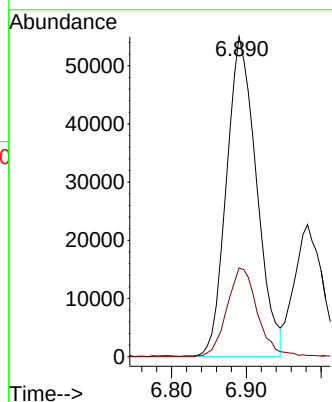
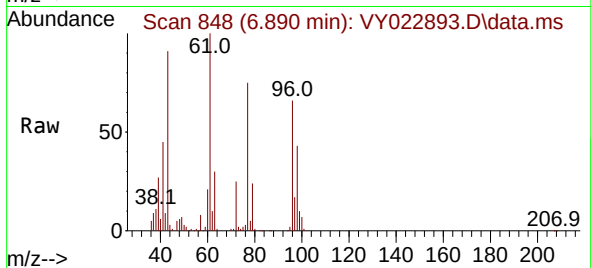




#25
2-Butanone
Concen: 116.689 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

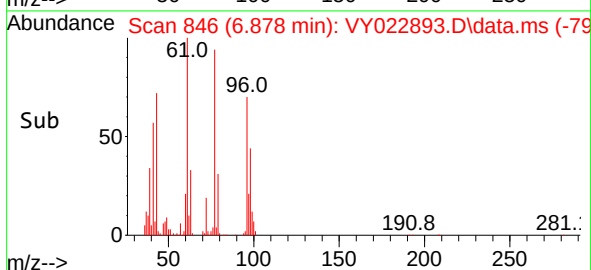
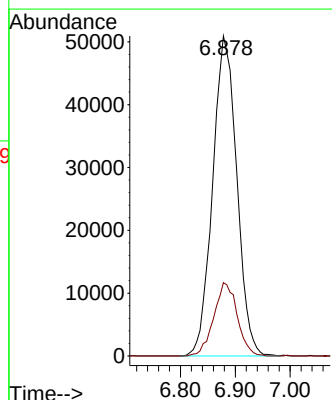
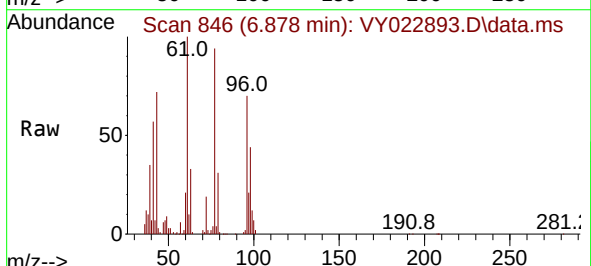
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

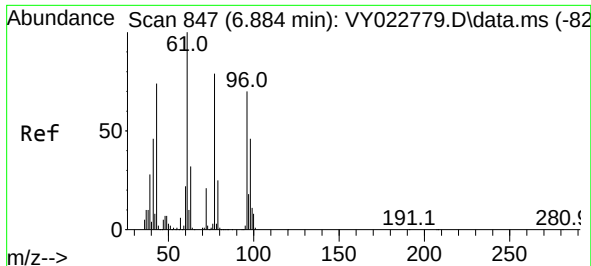
Tgt Ion: 43 Resp: 153046
Ion Ratio Lower Upper
43 100
72 27.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.844 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 77 Resp: 155880
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2



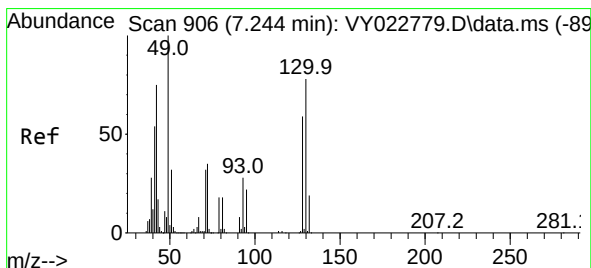
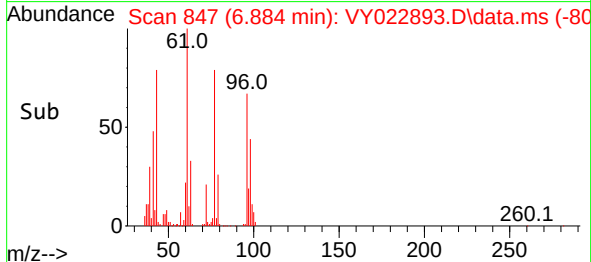
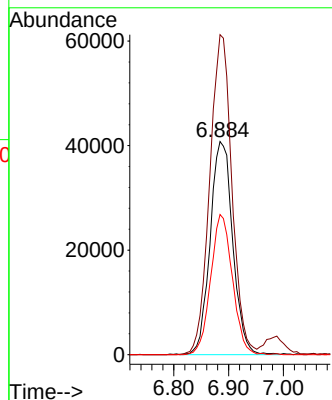
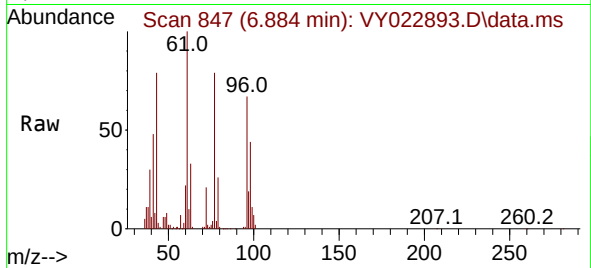


#27
 cis-1,2-Dichloroethene
 Concen: 20.338 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

Tgt Ion: 96 Resp: 116789

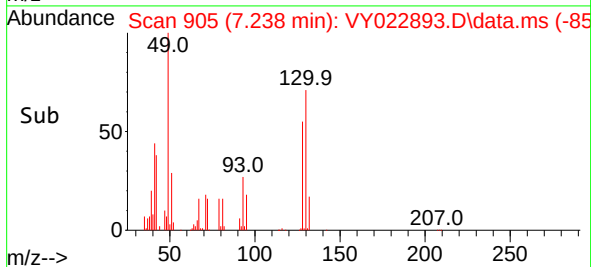
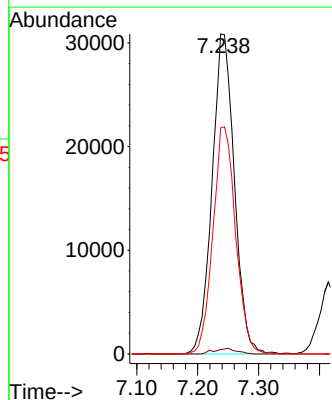
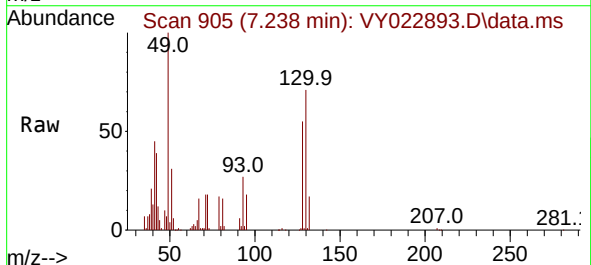
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.0
98	63.2	0.0	128.4

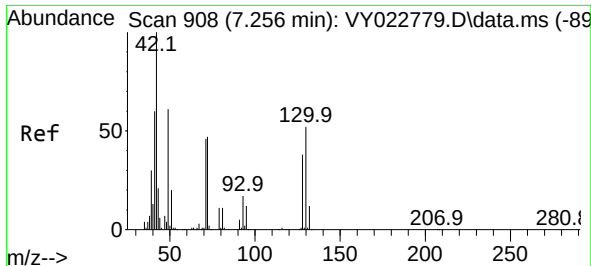


#28
 Bromochloromethane
 Concen: 20.934 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

Tgt Ion: 49 Resp: 78517

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	72.1	55.7	83.5





#29

Tetrahydrofuran

Concen: 105.211 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

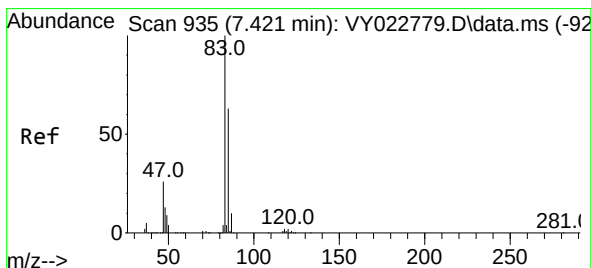
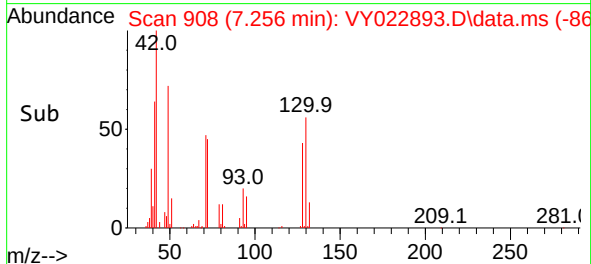
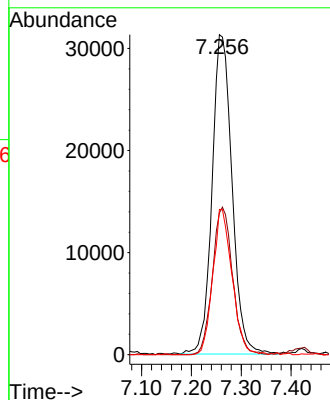
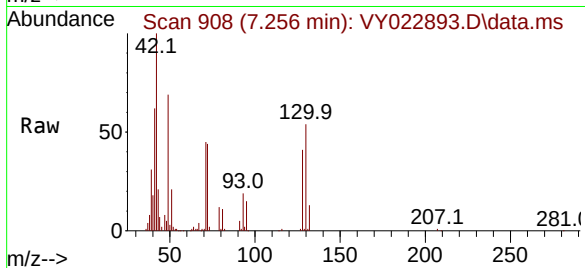
Tgt Ion: 42 Resp: 87134

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.2

71 43.9 34.2 51.2



#30

Chloroform

Concen: 20.344 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022893.D

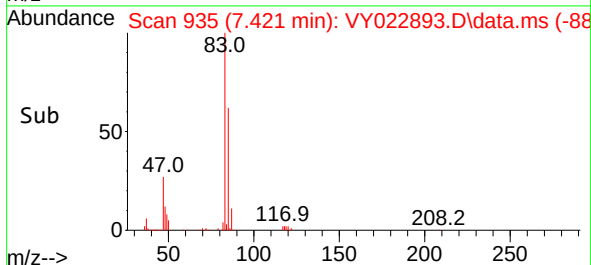
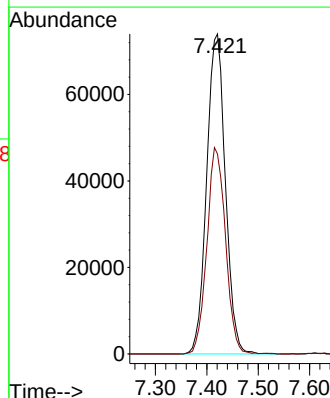
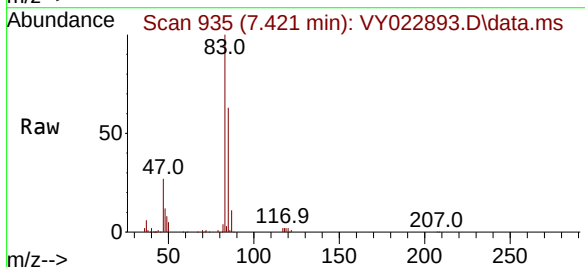
Acq: 01 Jul 2025 11:34

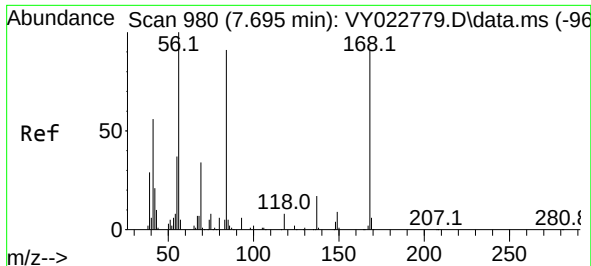
Tgt Ion: 83 Resp: 186942

Ion Ratio Lower Upper

83 100

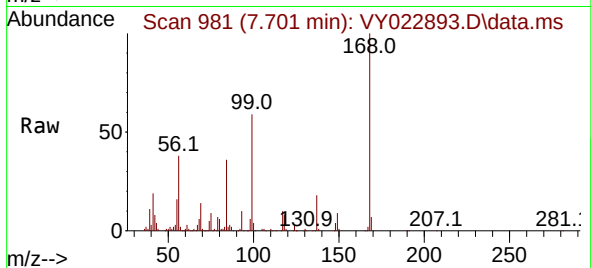
85 62.5 54.2 81.4



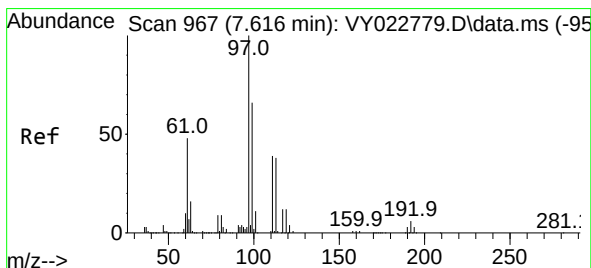
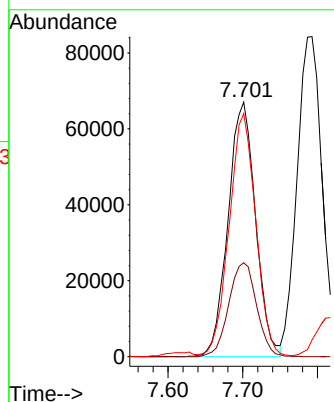
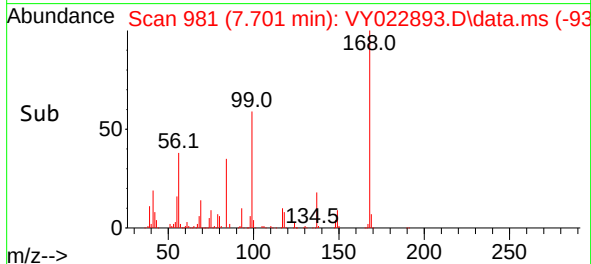


#31
Cyclohexane
Concen: 20.974 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

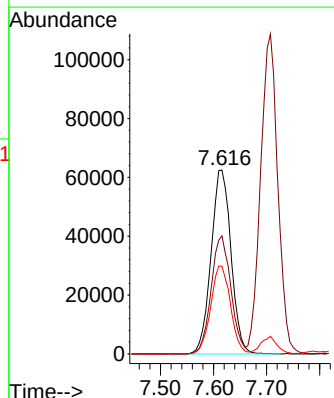
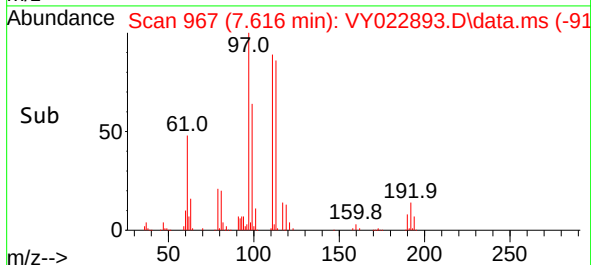
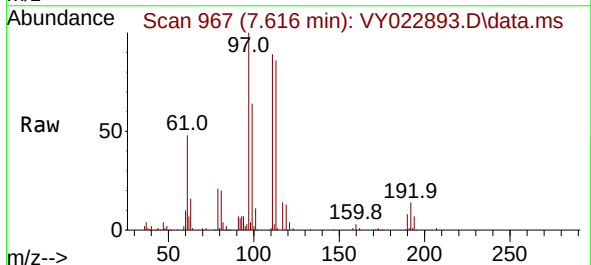


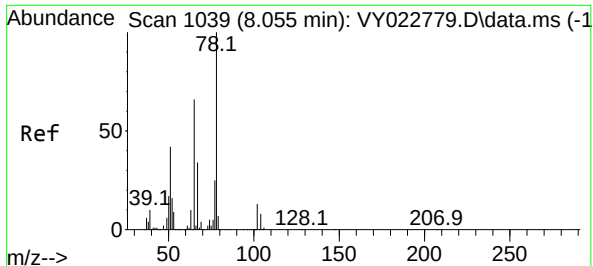
Tgt Ion: 56 Resp: 171764
Ion Ratio Lower Upper
56 100
69 36.9 27.0 40.6
84 94.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.579 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 97 Resp: 163409
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 47.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.226 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

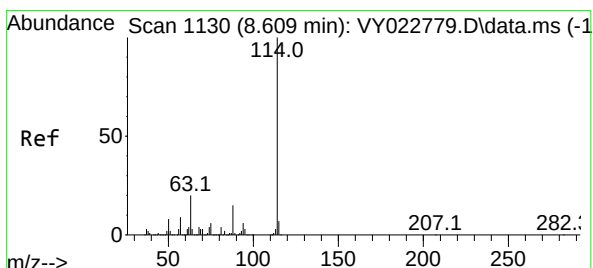
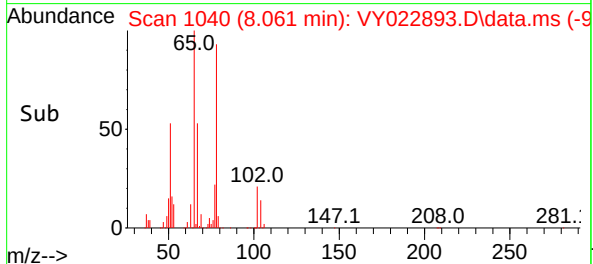
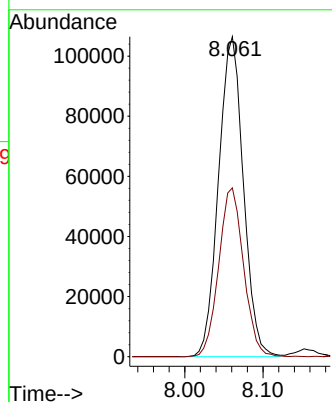
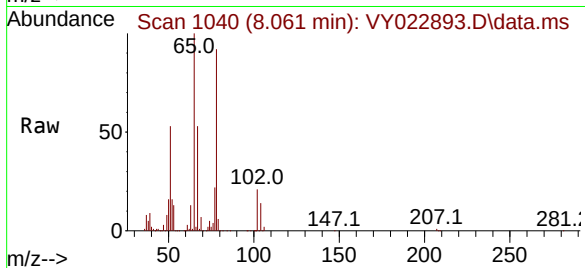
VY0701SBS01

Tgt Ion: 65 Resp: 234701

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: VY022893.D

Acq: 01 Jul 2025 11:34

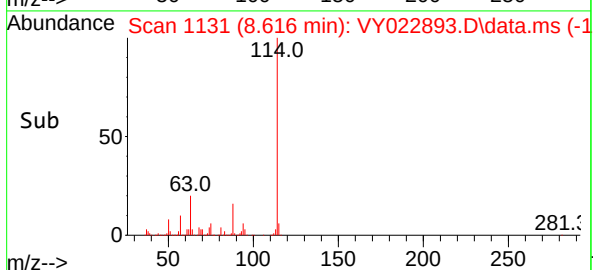
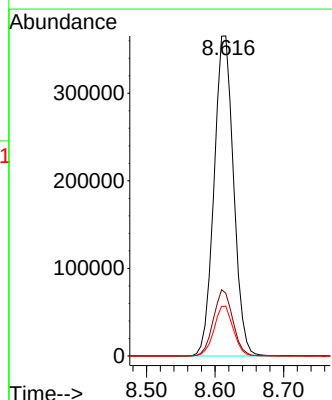
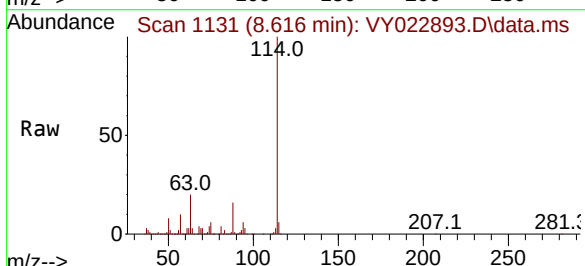
Tgt Ion: 114 Resp: 723243

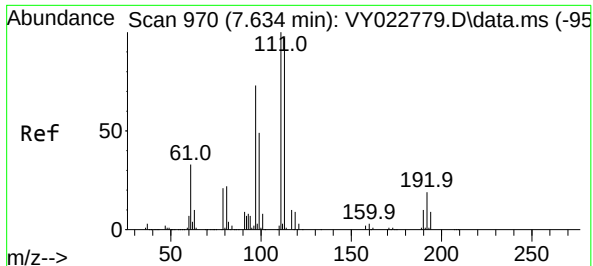
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.6 0.0 27.8

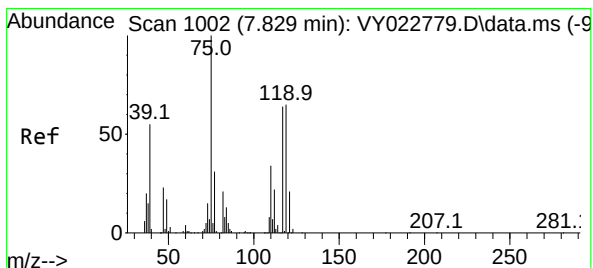
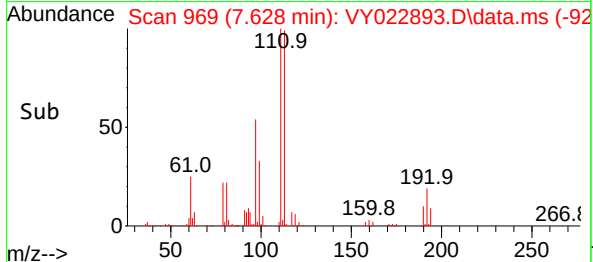
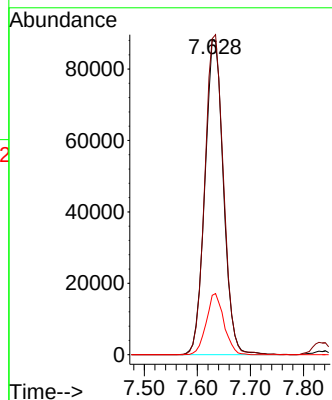
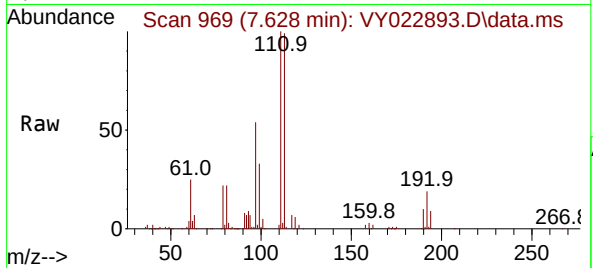




#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

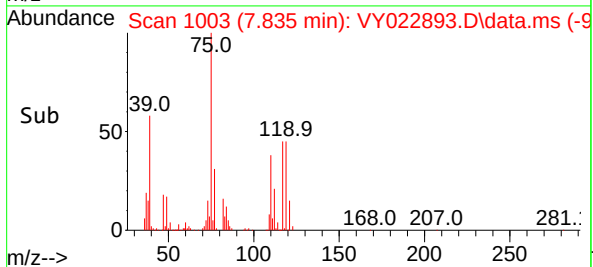
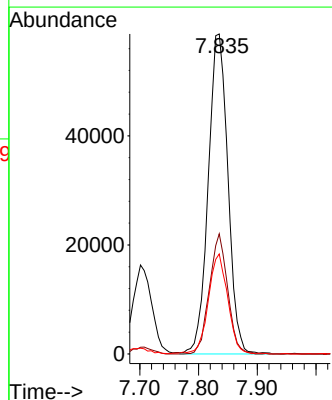
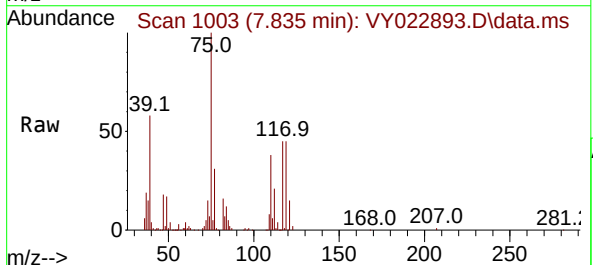
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

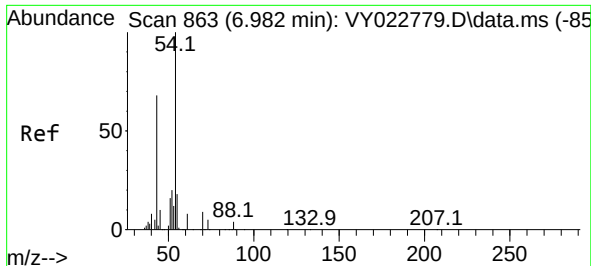
Tgt Ion:113 Resp: 213869
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.514 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 75 Resp: 136764
Ion Ratio Lower Upper
75 100
110 34.7 16.9 50.7
77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 21.107 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.012 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

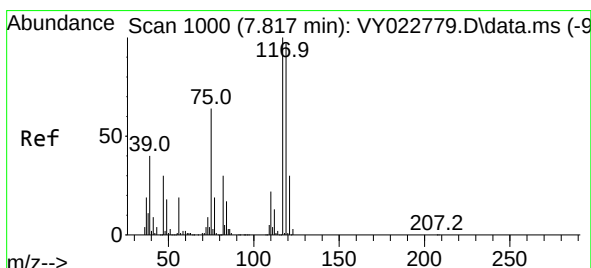
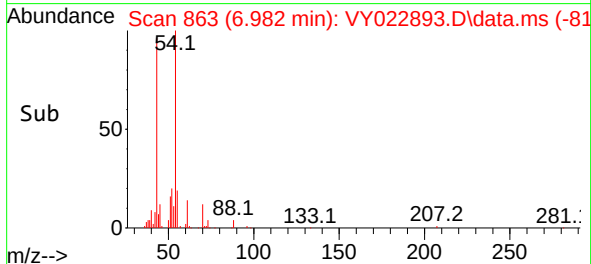
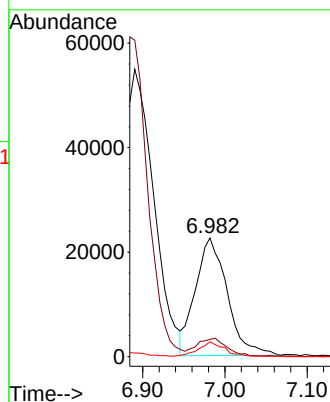
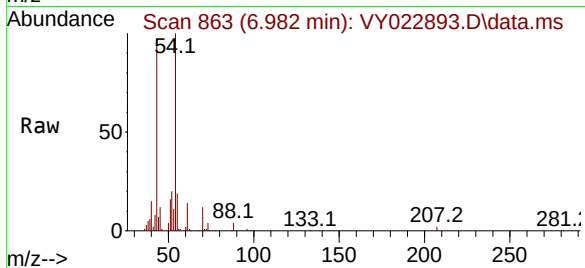
Tgt Ion: 43 Resp: 60723

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

70 10.7 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.796 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

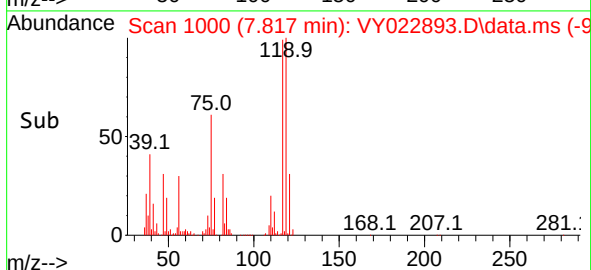
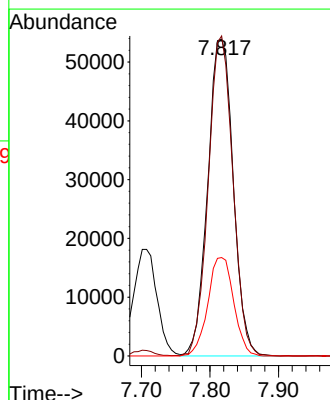
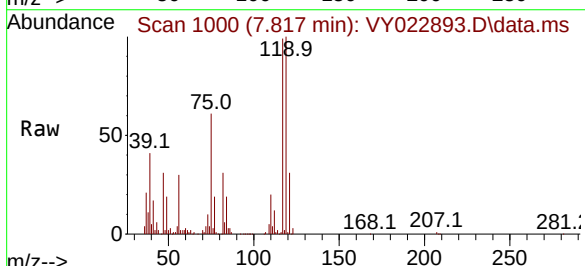
Tgt Ion: 117 Resp: 139252

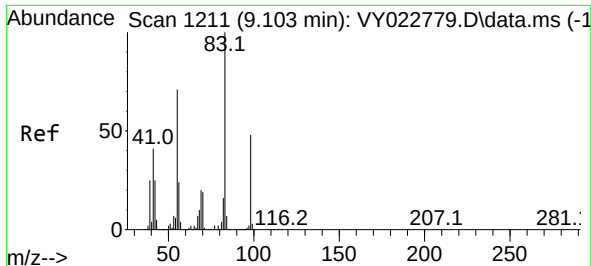
Ion Ratio Lower Upper

117 100

119 101.0 75.0 112.6

121 31.1 25.0 37.4





#39

Methylcyclohexane

Concen: 20.326 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

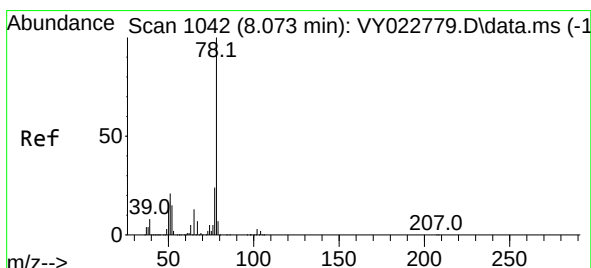
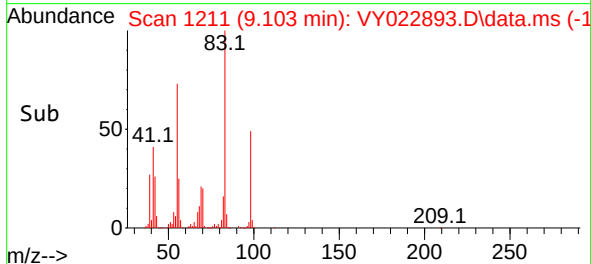
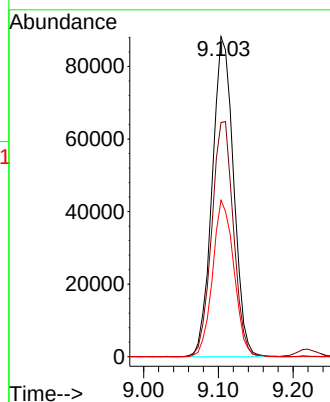
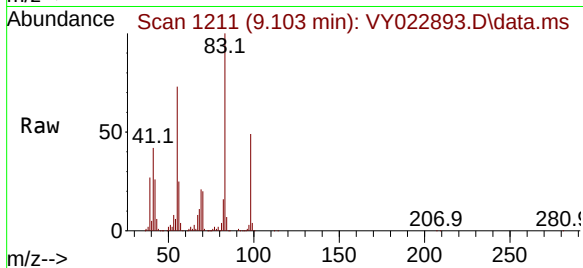
Tgt Ion: 83 Resp: 175363

Ion Ratio Lower Upper

83 100

55 73.2 58.1 87.1

98 48.9 39.0 58.6



#40

Benzene

Concen: 20.321 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022893.D

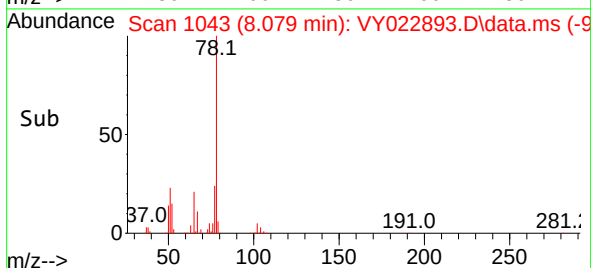
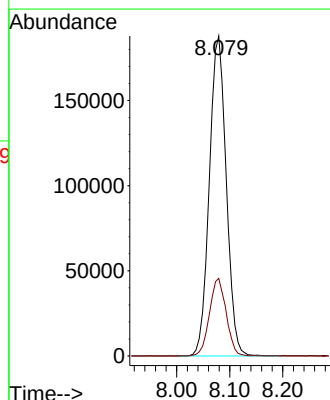
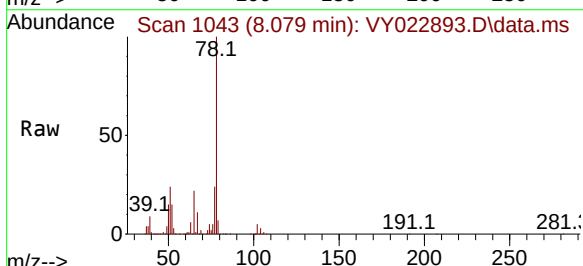
Acq: 01 Jul 2025 11:34

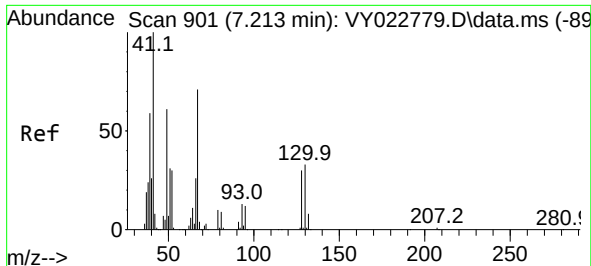
Tgt Ion: 78 Resp: 416539

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



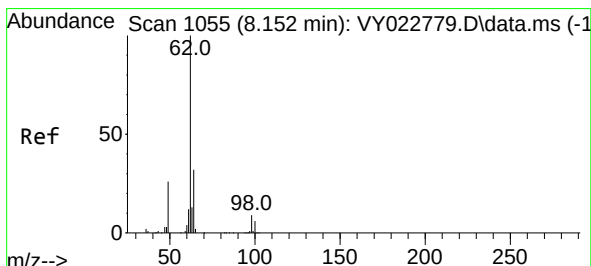
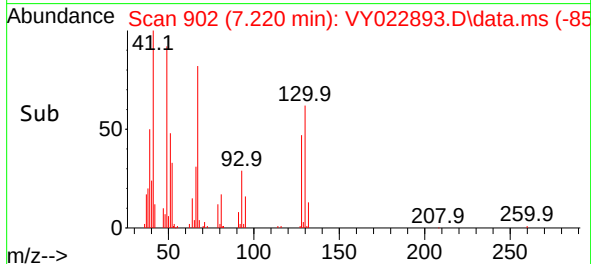
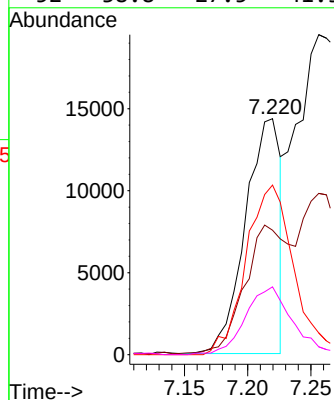
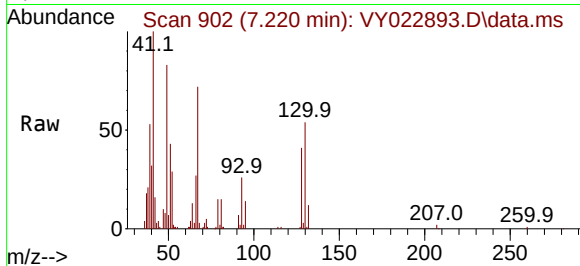


#41
Methacrylonitrile
Concen: 15.663 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tgt Ion: 41 Resp: 27741

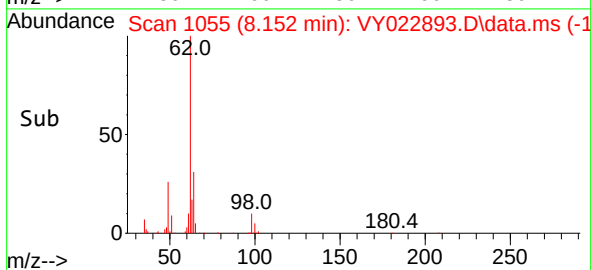
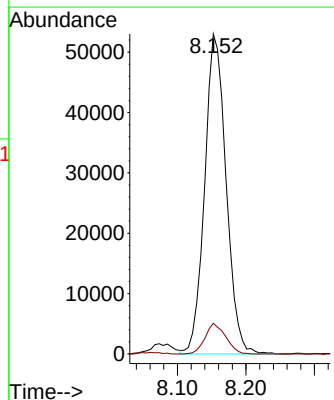
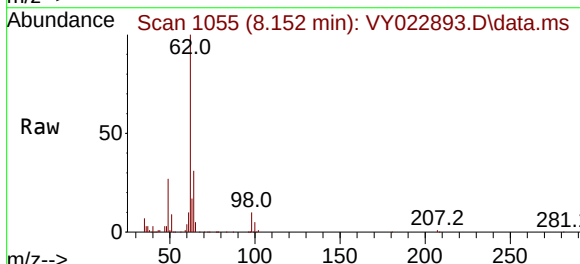
Ion	Ratio	Lower	Upper
41	100		
39	72.9	46.6	69.8#
67	99.3	63.3	94.9#
52	38.8	27.5	41.3

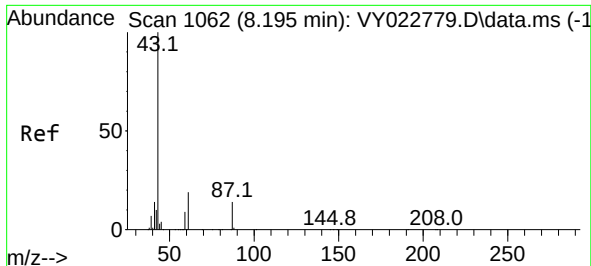


#42
1,2-Dichloroethane
Concen: 20.573 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 62 Resp: 115557

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

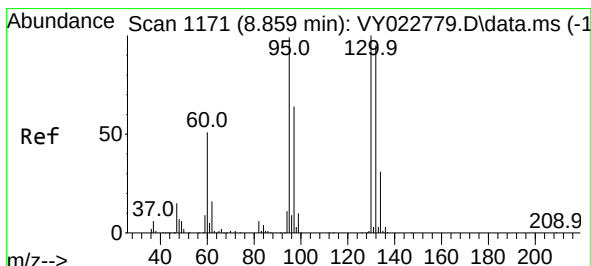
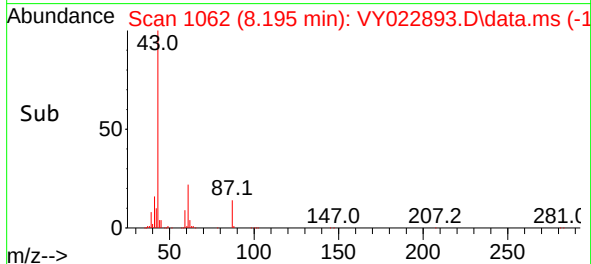
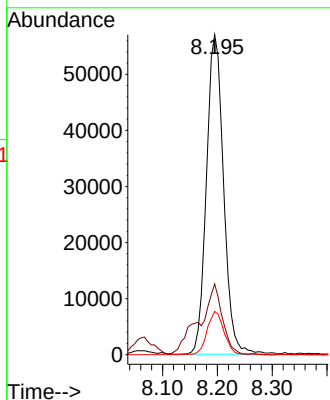
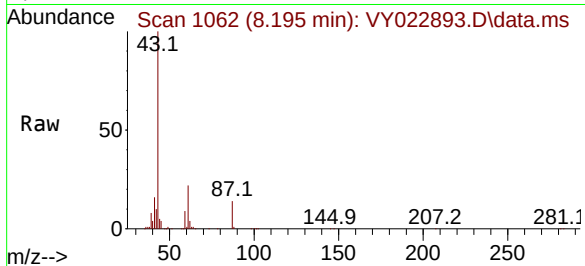




#43
Isopropyl Acetate
Concen: 20.680 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

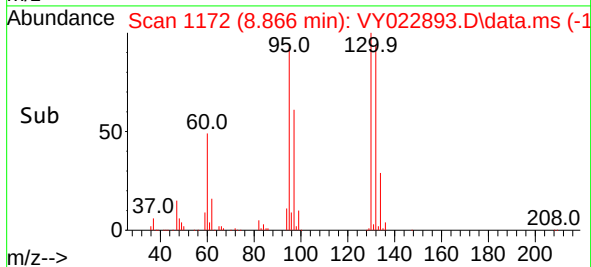
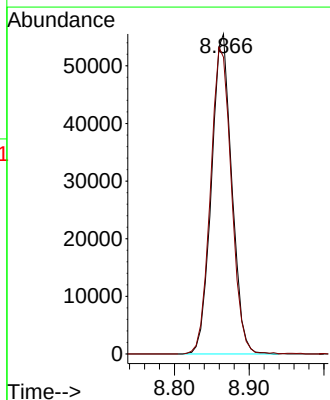
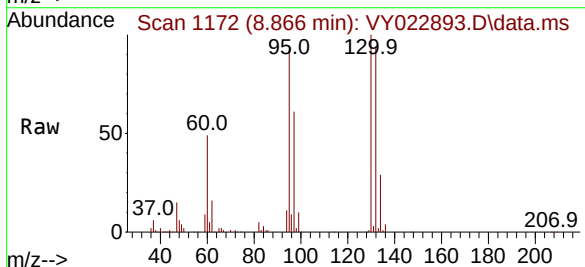
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

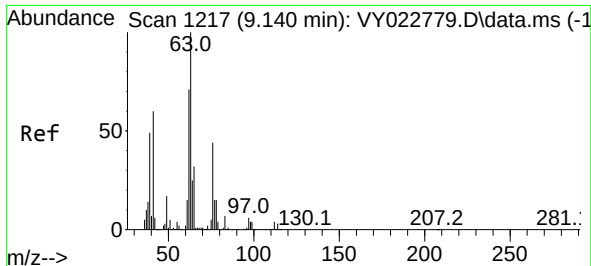
Tgt Ion: 43 Resp: 123651
Ion Ratio Lower Upper
43 100
61 29.5 15.6 23.4#
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 20.411 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:130 Resp: 105043
Ion Ratio Lower Upper
130 100
95 92.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.666 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

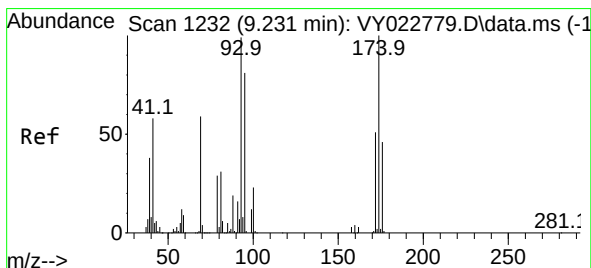
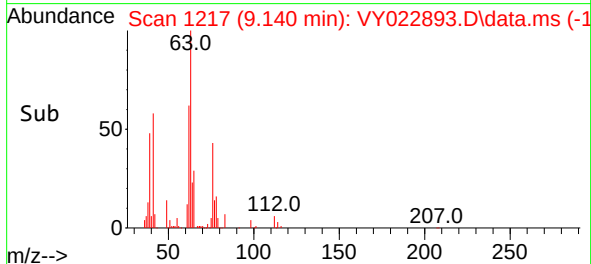
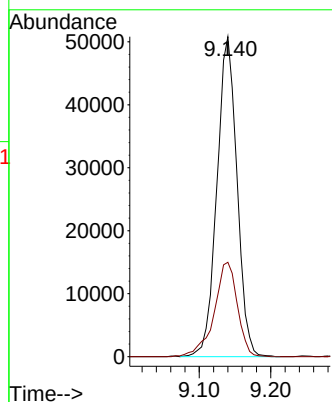
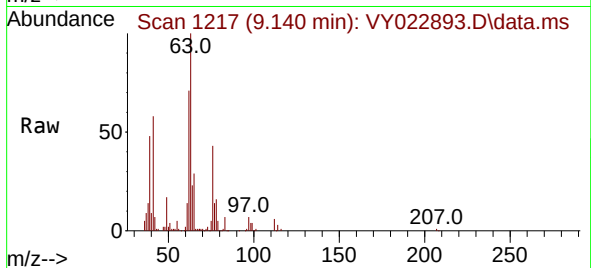
VY0701SBS01

Tgt Ion: 63 Resp: 99144

Ion Ratio Lower Upper

63 100

65 29.5 24.0 36.0



#46

Dibromomethane

Concen: 19.865 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

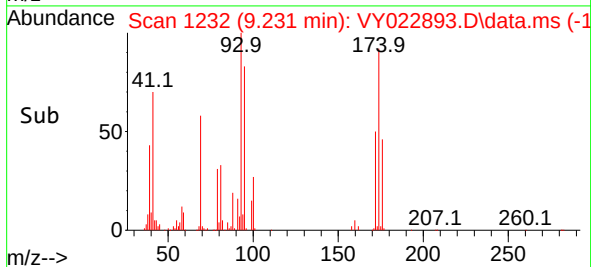
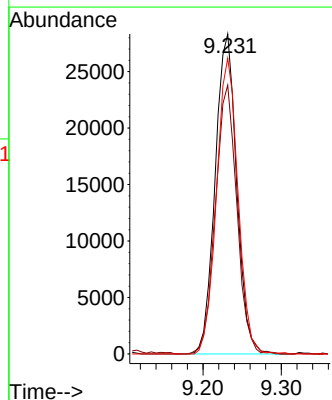
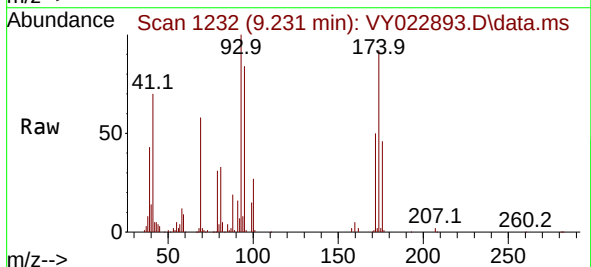
Tgt Ion: 93 Resp: 54098

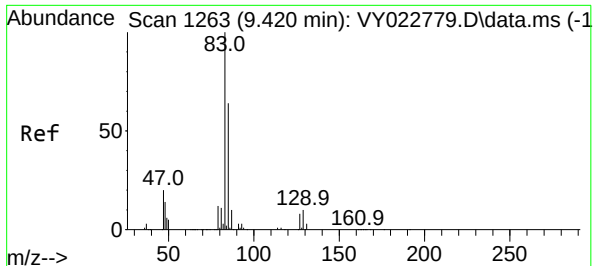
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 92.4 70.4 105.6





#47

Bromodichloromethane

Concen: 20.218 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

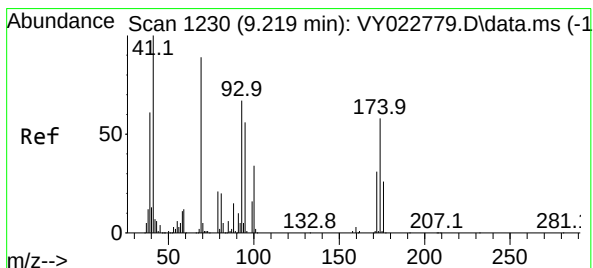
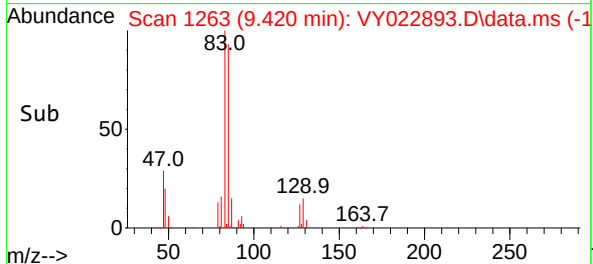
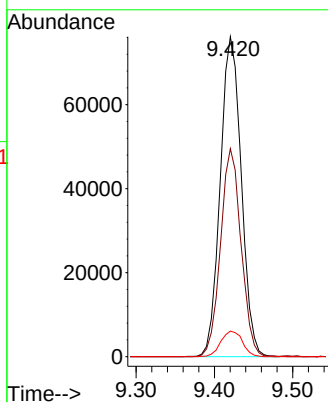
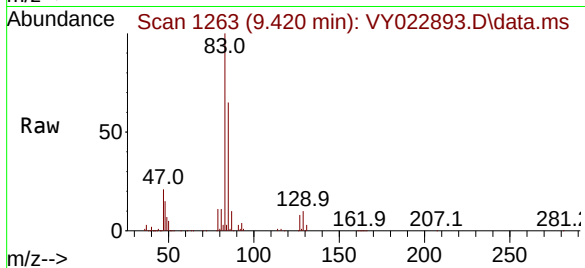
Tgt Ion: 83 Resp: 141982

Ion Ratio Lower Upper

83 100

85 65.0 49.1 73.7

127 8.0 6.2 9.4



#48

Methyl methacrylate

Concen: 21.003 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

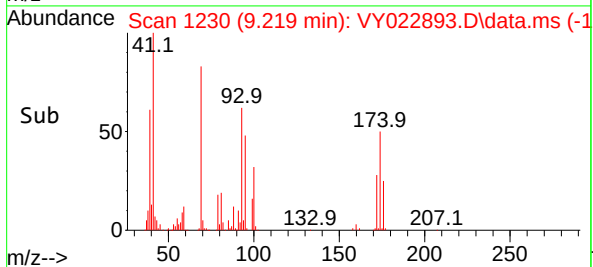
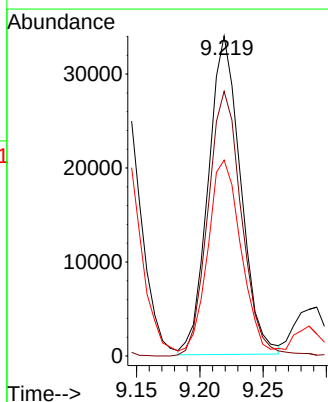
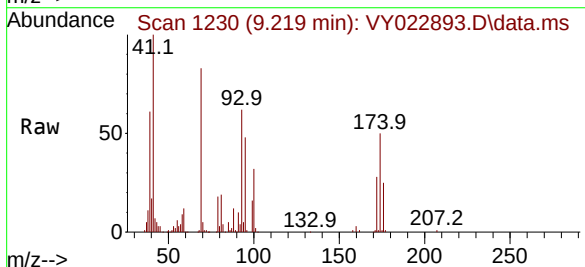
Tgt Ion: 41 Resp: 60373

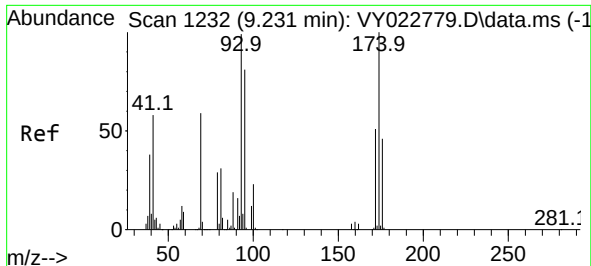
Ion Ratio Lower Upper

41 100

69 86.4 67.8 101.8

39 60.7 55.0 82.4





#49

1,4-Dioxane

Concen: 407.085 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

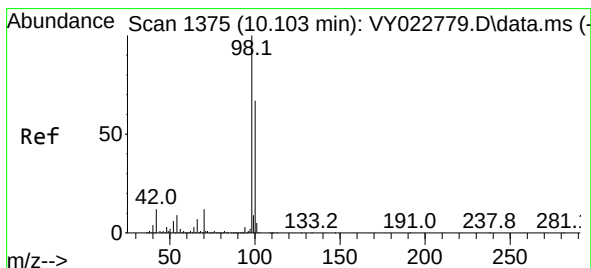
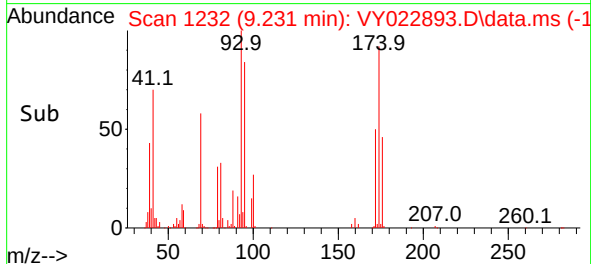
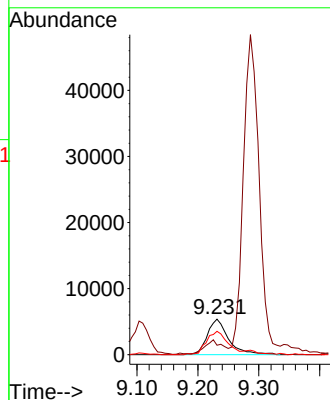
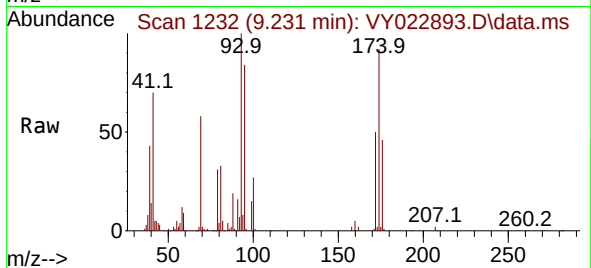
Tgt Ion: 88 Resp: 13098

Ion Ratio Lower Upper

88 100

43 31.7 25.4 38.2

58 65.8 54.9 82.3



#50

Toluene-d8

Concen: 49.158 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022893.D

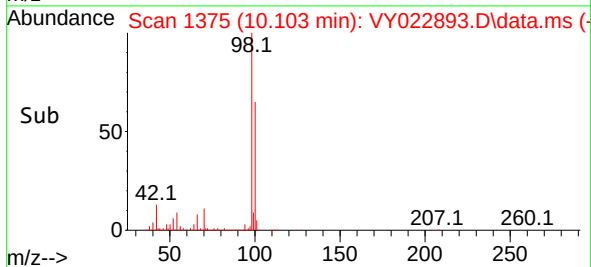
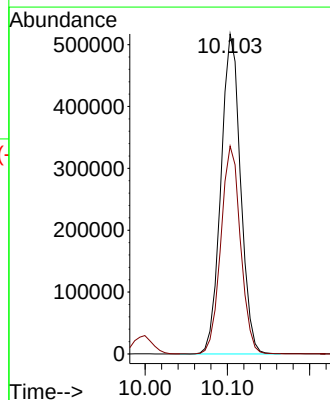
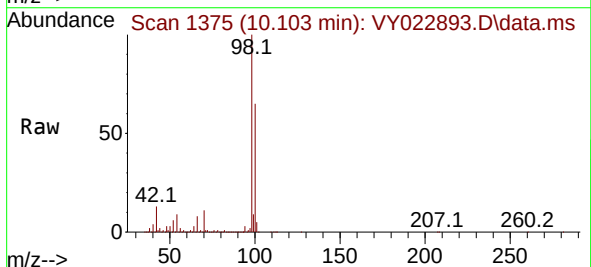
Acq: 01 Jul 2025 11:34

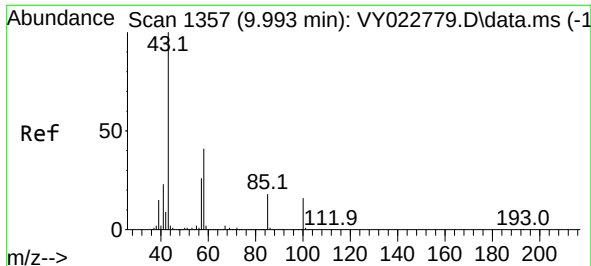
Tgt Ion: 98 Resp: 857985

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 105.165 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

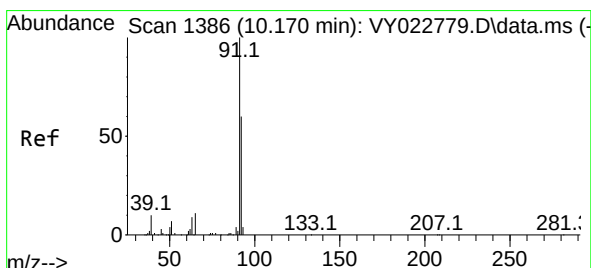
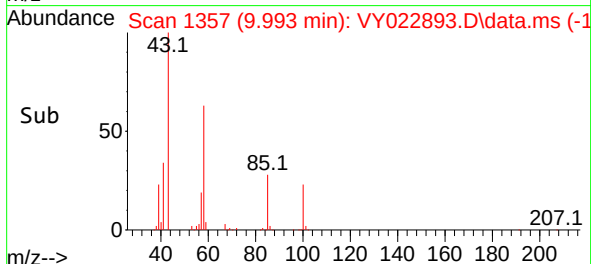
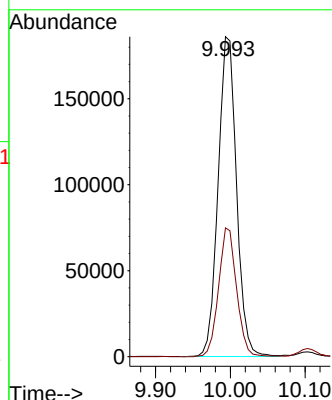
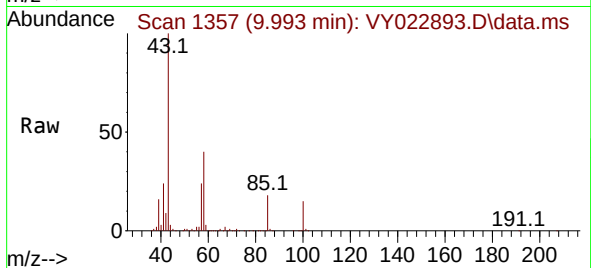
VY0701SBS01

Tgt Ion: 43 Resp: 319545

Ion Ratio Lower Upper

43 100

58 39.5 30.4 45.6



#52

Toluene

Concen: 20.028 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022893.D

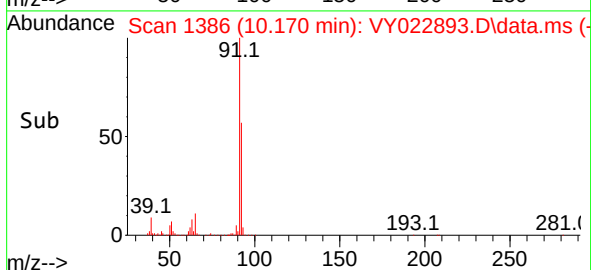
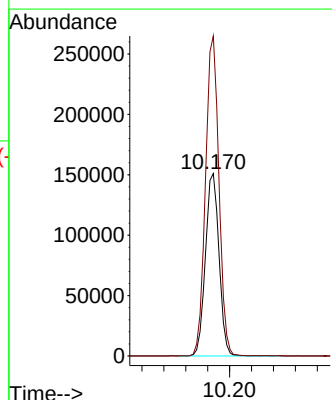
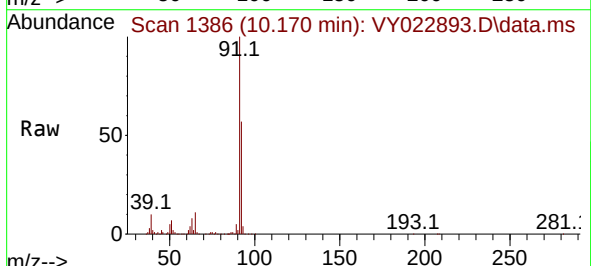
Acq: 01 Jul 2025 11:34

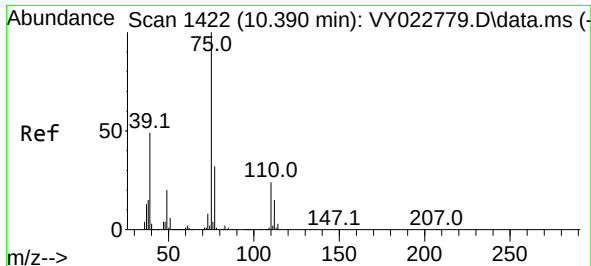
Tgt Ion: 92 Resp: 259001

Ion Ratio Lower Upper

92 100

91 173.3 139.0 208.4

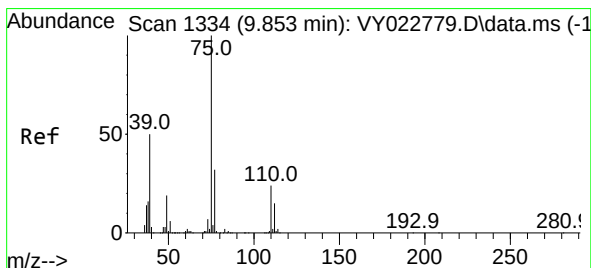
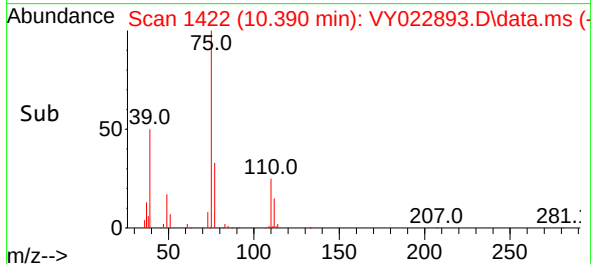
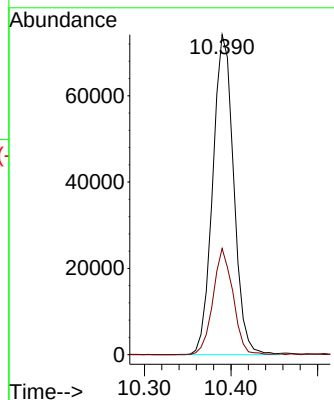
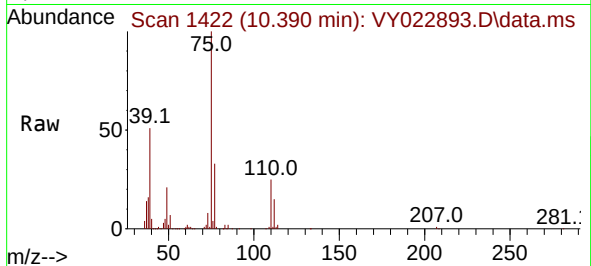




#53
 t-1,3-Dichloropropene
 Concen: 19.716 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

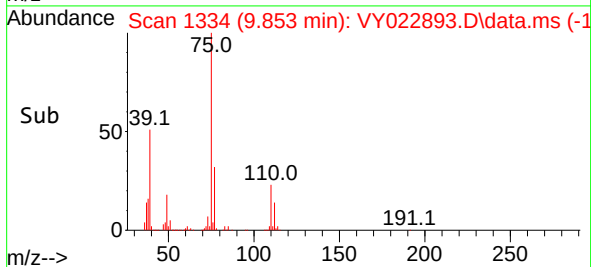
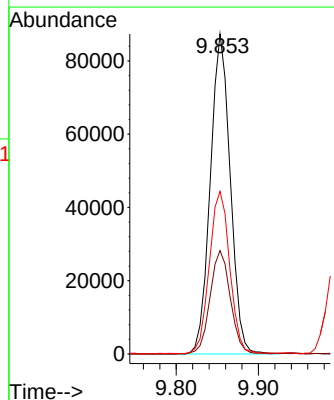
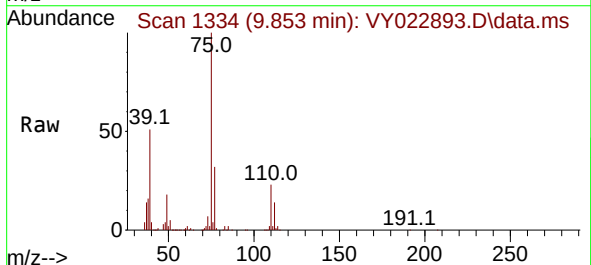
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

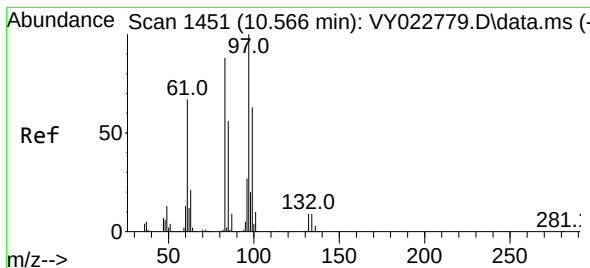
Tgt Ion: 75 Resp: 124574
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.094 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

Tgt Ion: 75 Resp: 147214
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 50.7 42.7 64.1

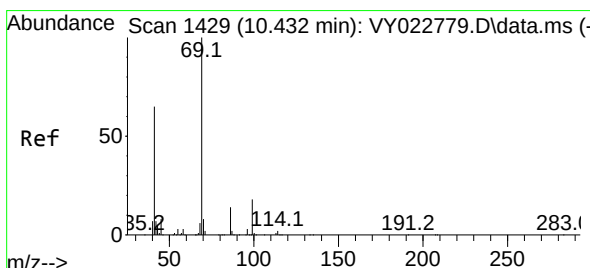
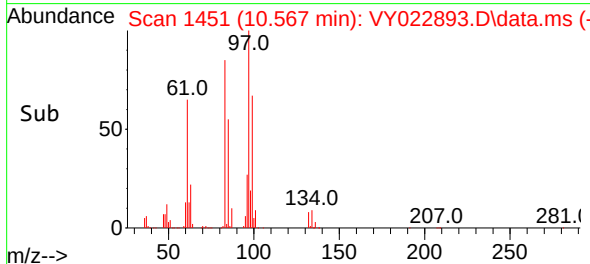
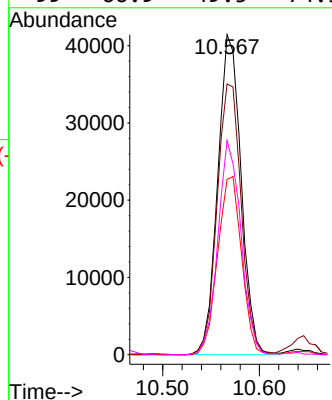
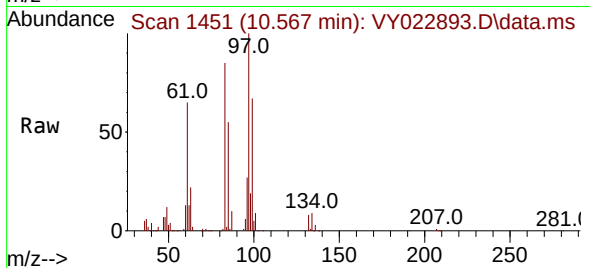




#55
1,1,2-Trichloroethane
Concen: 19.690 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

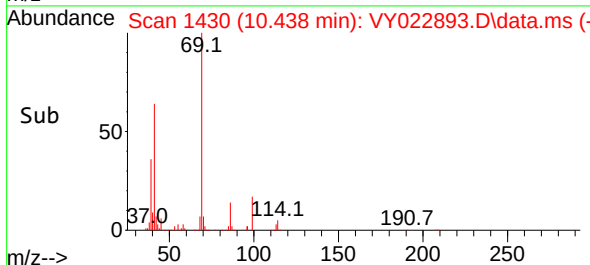
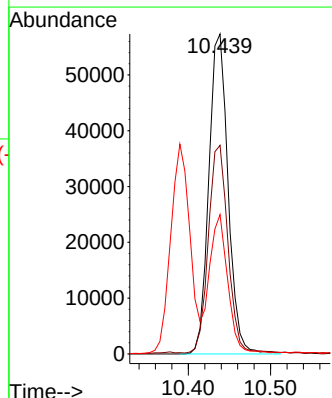
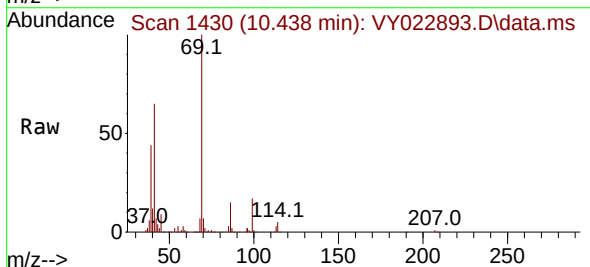
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

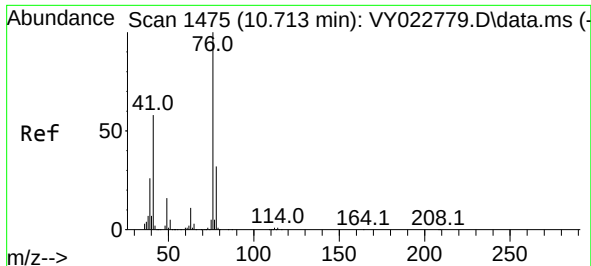
Tgt Ion:	97	Resp:	69435
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.1	102.1
85	54.8	48.2	72.2
99	66.9	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.647 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:	69	Resp:	93214
Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.2	78.2
39	40.9	36.7	55.1





#57

1,3-Dichloropropane

Concen: 20.373 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

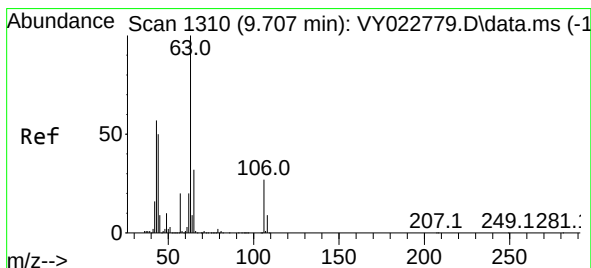
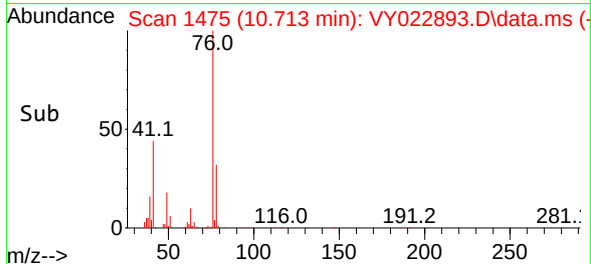
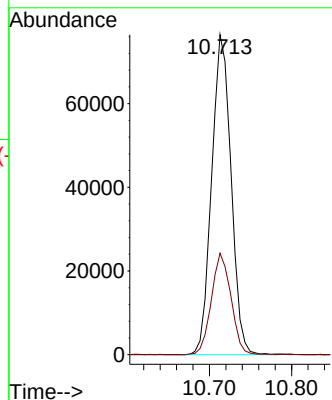
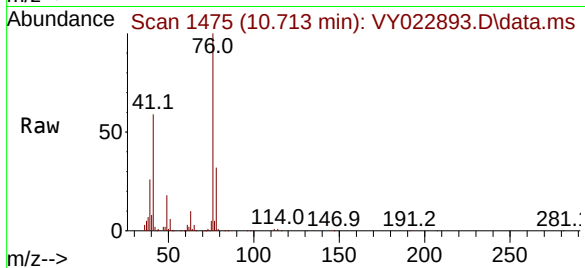
VY0701SBS01

Tgt Ion: 76 Resp: 125345

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.614 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022893.D

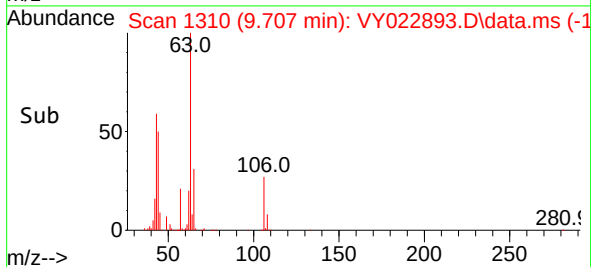
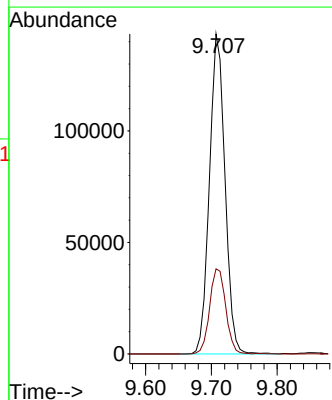
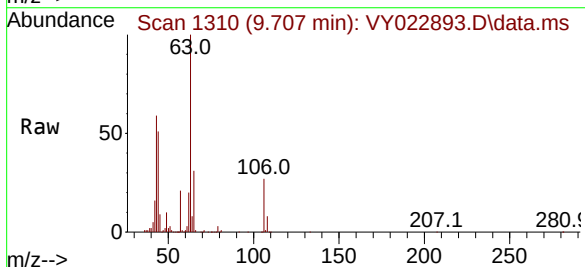
Acq: 01 Jul 2025 11:34

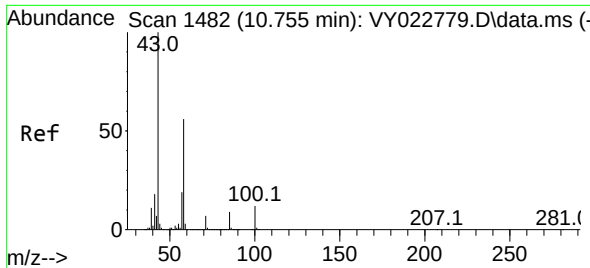
Tgt Ion: 63 Resp: 236646

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

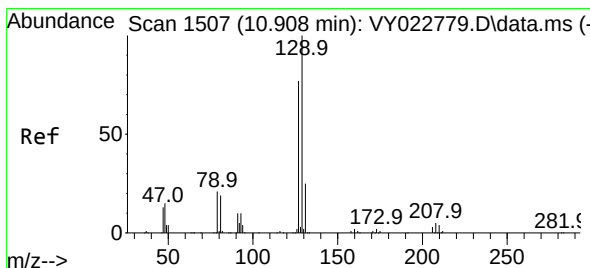
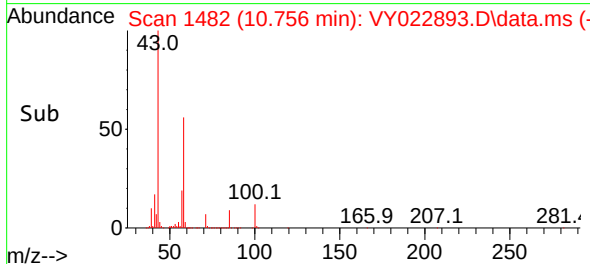
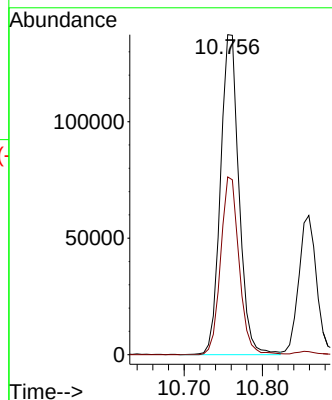
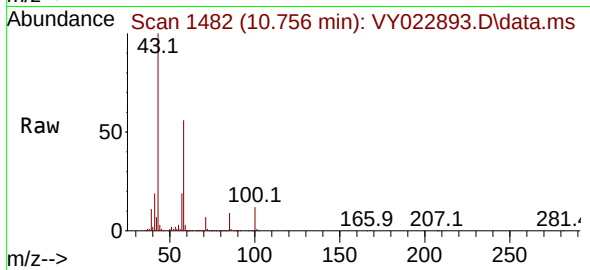




#59
2-Hexanone
Concen: 109.436 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

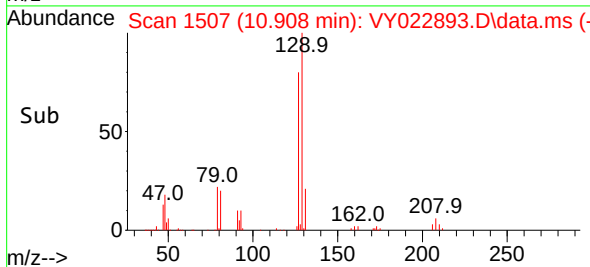
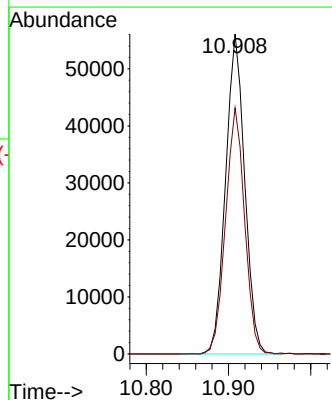
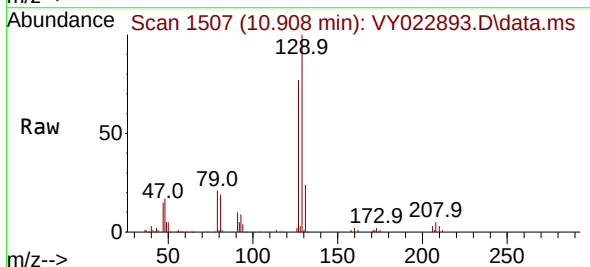
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

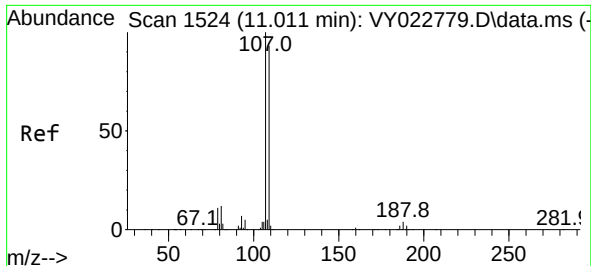
Tgt Ion: 43 Resp: 226074
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 19.917 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 129 Resp: 90724
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

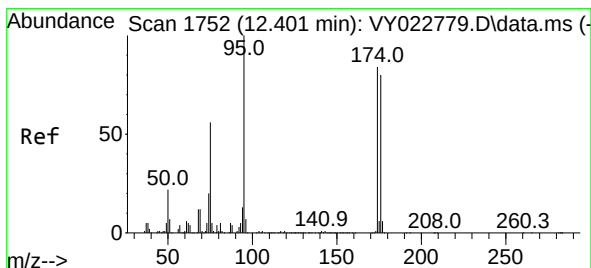
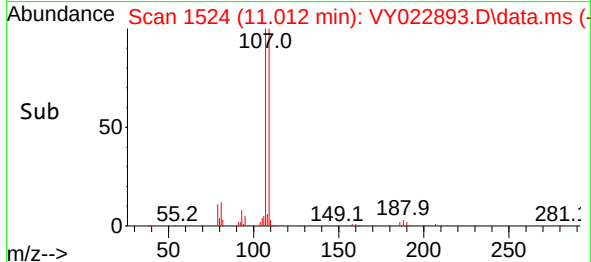
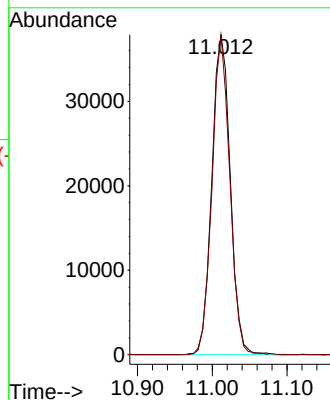
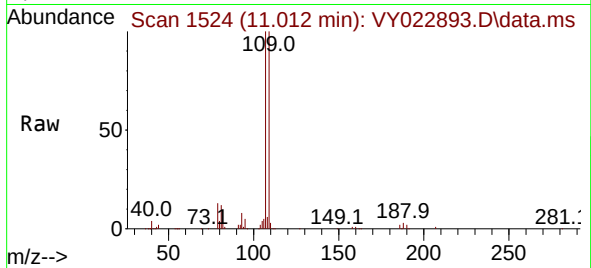




#61
1,2-Dibromoethane
Concen: 19.630 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

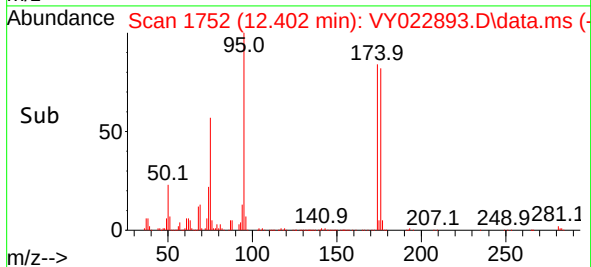
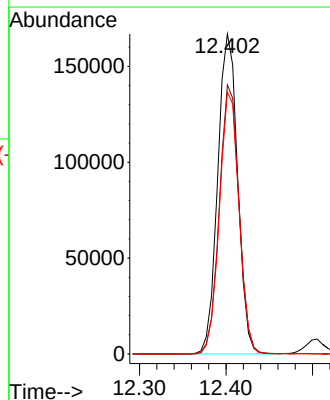
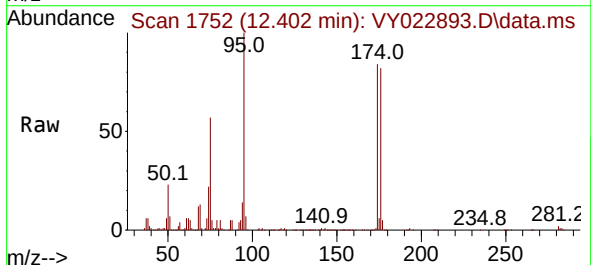
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

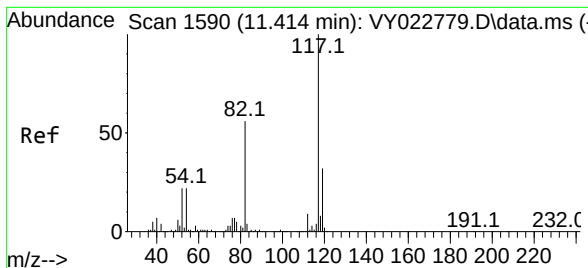
Tgt Ion:107 Resp: 64776
Ion Ratio Lower Upper
107 100
109 96.2 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.425 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 95 Resp: 266088
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.5 0.0 166.2

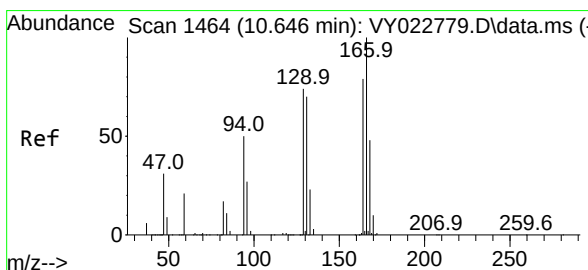
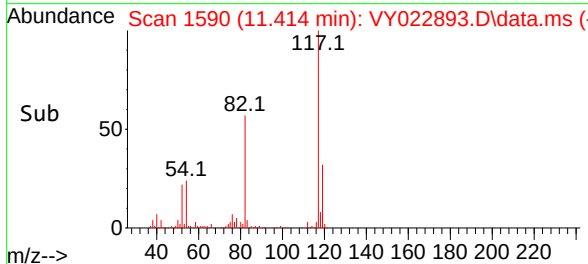
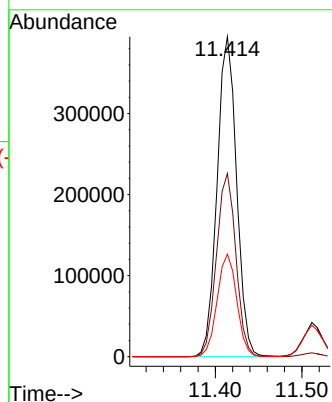
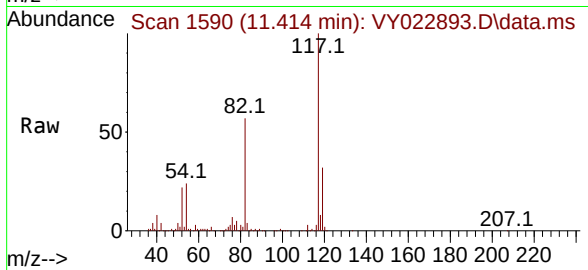




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

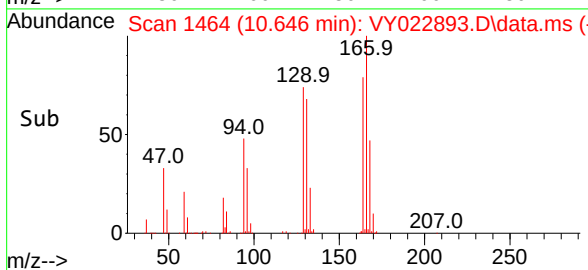
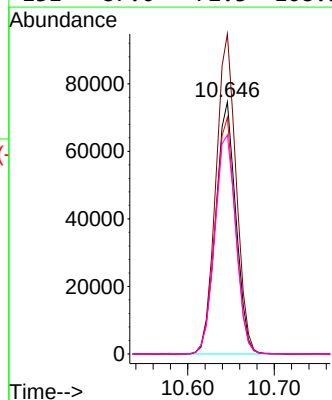
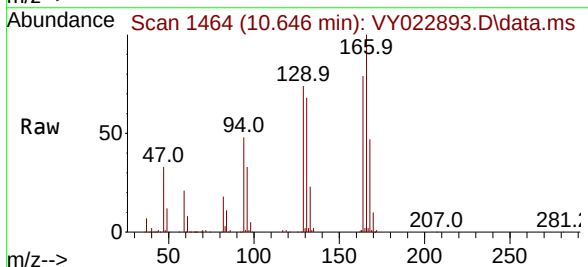
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

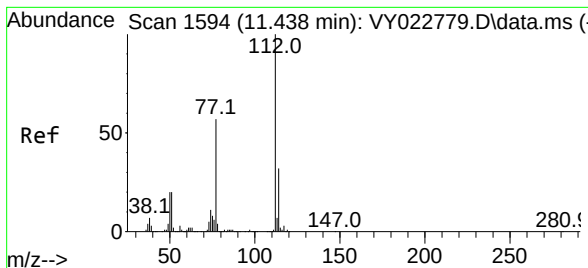
Tgt Ion:117 Resp: 617191
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 20.718 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:164 Resp: 120797
Ion Ratio Lower Upper
164 100
166 127.0 104.0 156.0
129 93.9 74.5 111.7
131 87.0 72.3 108.5

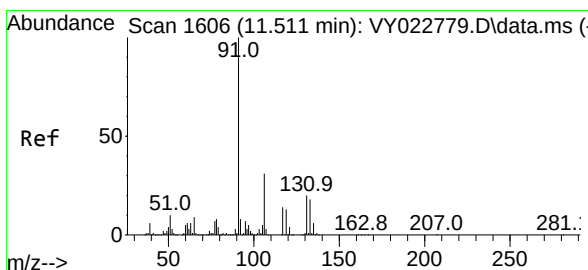
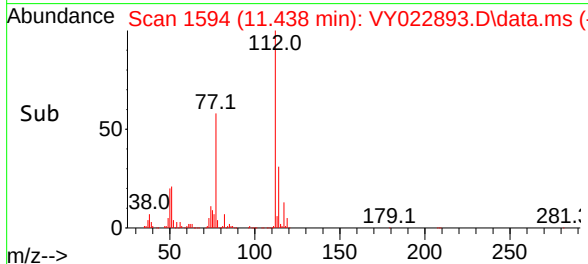
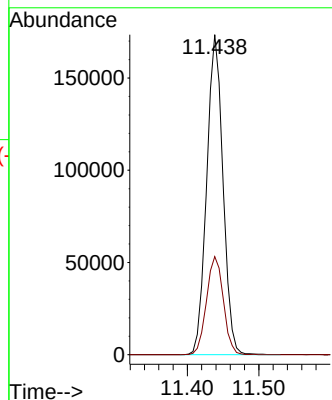
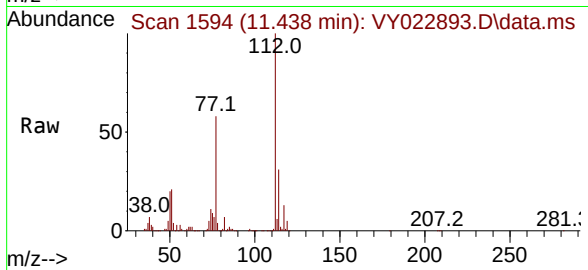




#65
Chlorobenzene
Concen: 20.204 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

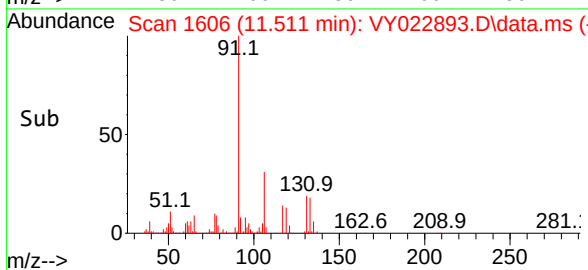
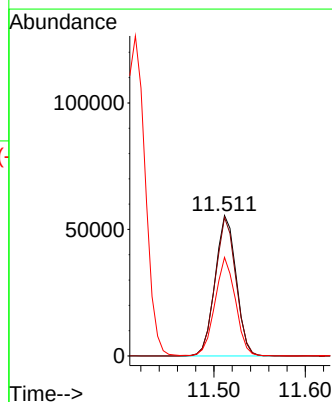
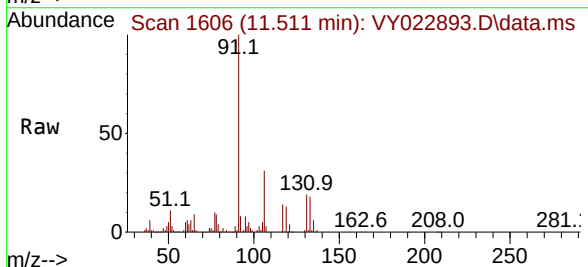
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

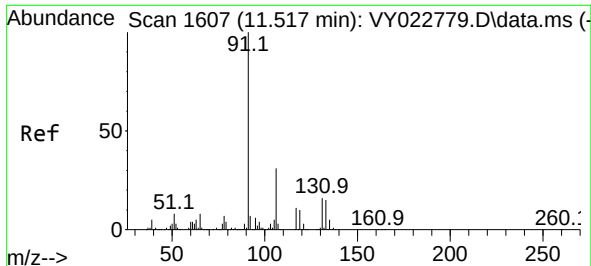
Tgt Ion:112 Resp: 273997
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.387 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:131 Resp: 89053
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.8
119 68.4 33.1 99.3





#67

Ethyl Benzene

Concen: 20.133 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

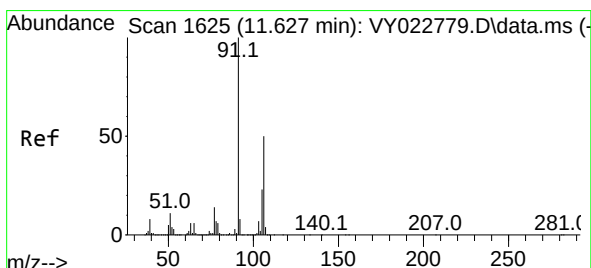
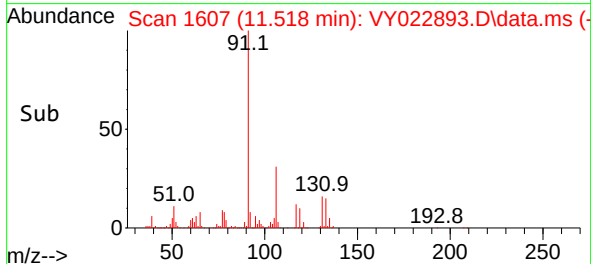
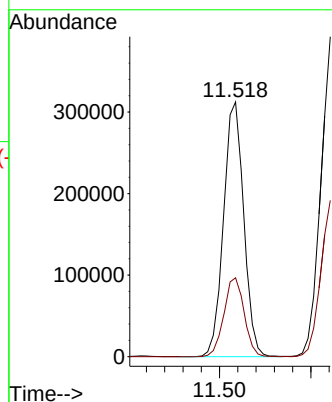
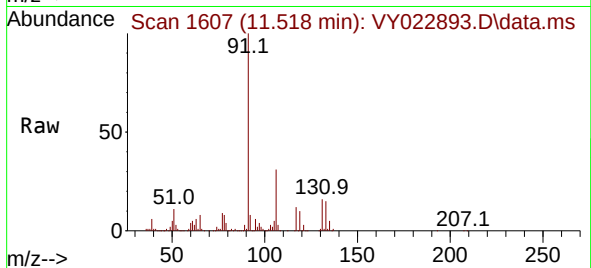
VY0701SBS01

Tgt Ion: 91 Resp: 479730

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.4



#68

m/p-Xylenes

Concen: 39.865 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022893.D

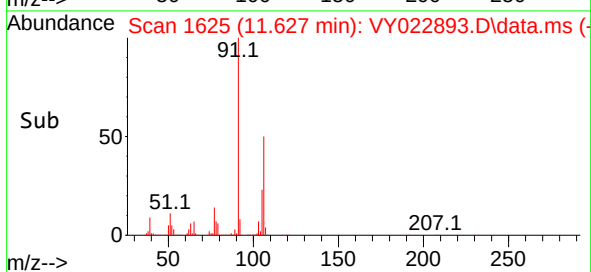
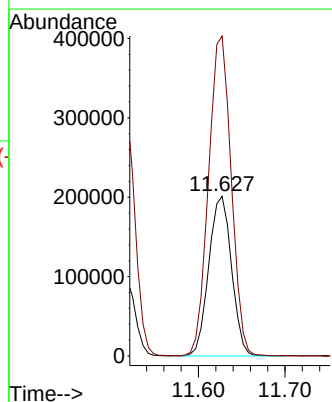
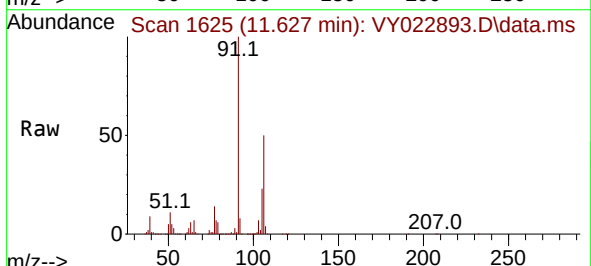
Acq: 01 Jul 2025 11:34

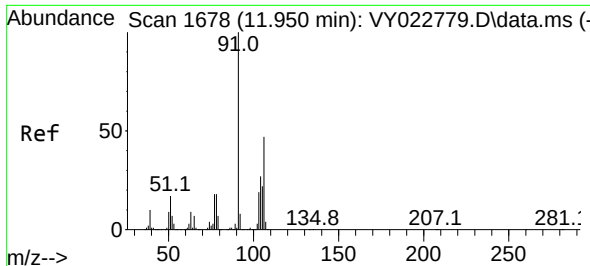
Tgt Ion: 106 Resp: 367192

Ion Ratio Lower Upper

106 100

91 199.8 159.4 239.0

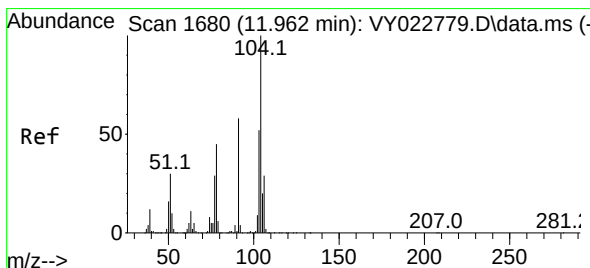
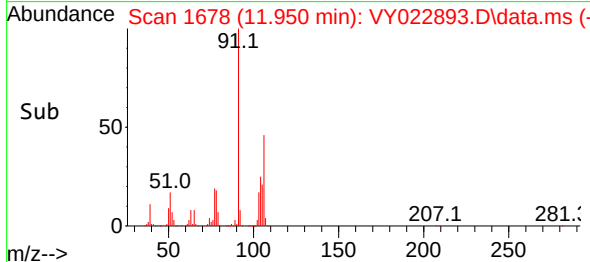
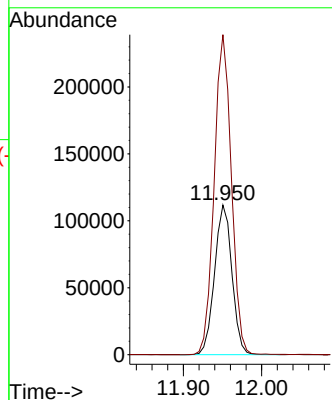
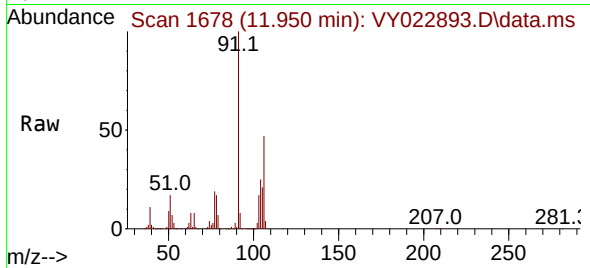




#69
o-Xylene
Concen: 19.868 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

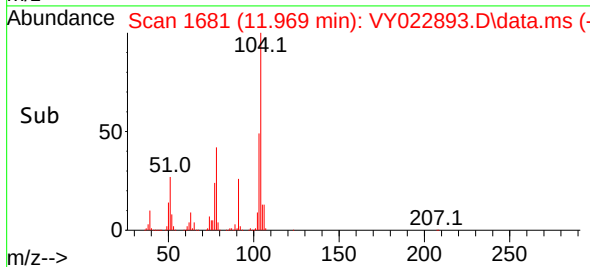
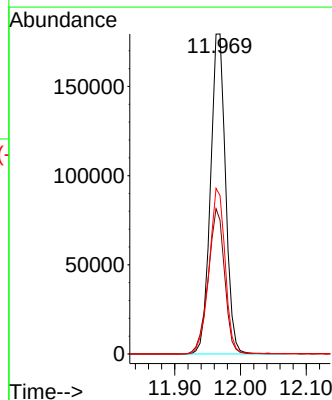
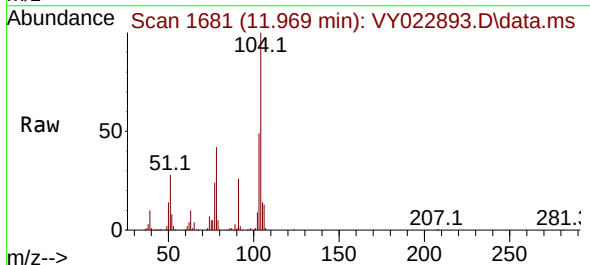
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

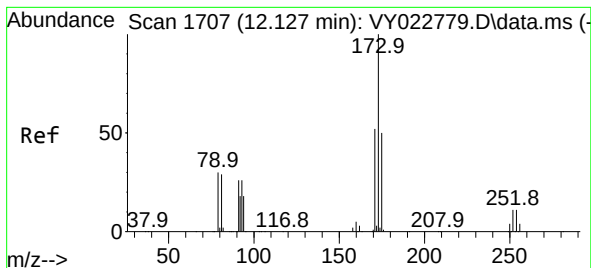
Tgt Ion:106 Resp: 172436
Ion Ratio Lower Upper
106 100
91 211.6 105.8 317.3



#70
Styrene
Concen: 19.719 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:104 Resp: 286666
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.0 44.1 66.1





#71

Bromoform

Concen: 19.160 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

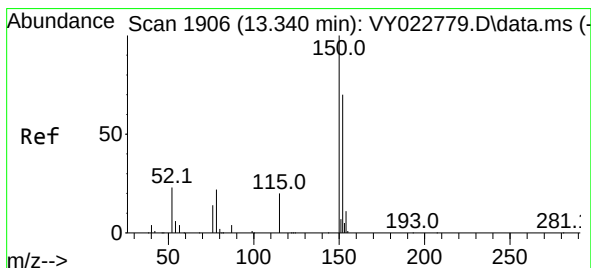
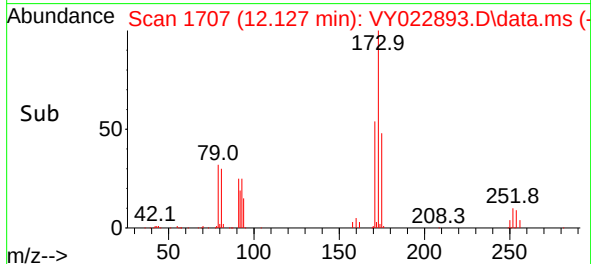
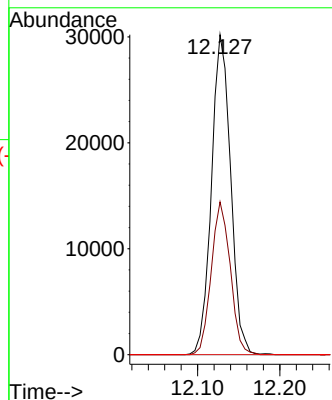
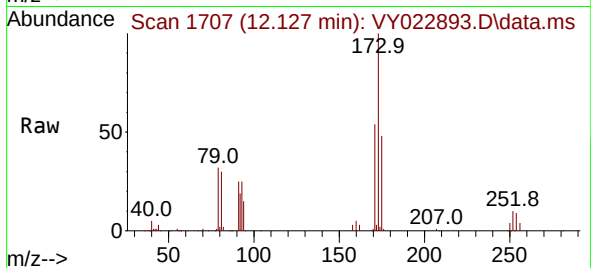
Tgt Ion:173 Resp: 49004

Ion Ratio Lower Upper

173 100

175 47.3 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

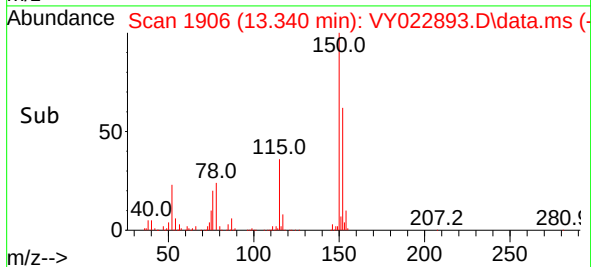
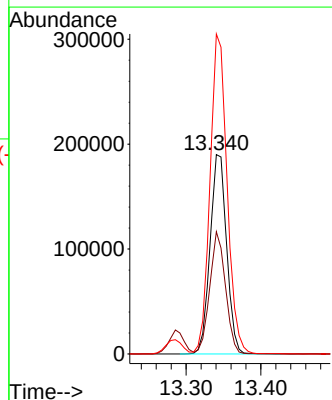
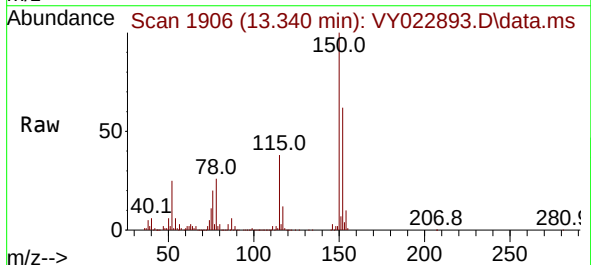
Tgt Ion:152 Resp: 293207

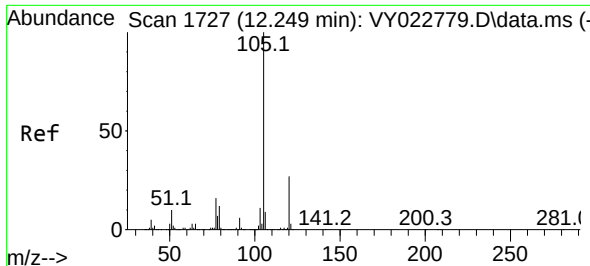
Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

150 165.0 0.0 349.6

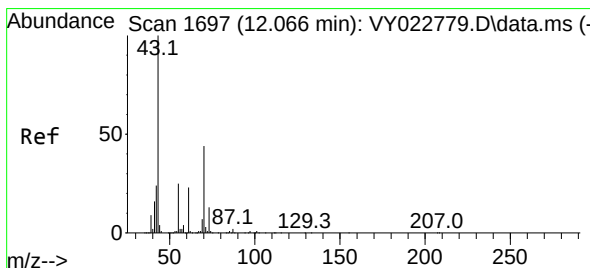
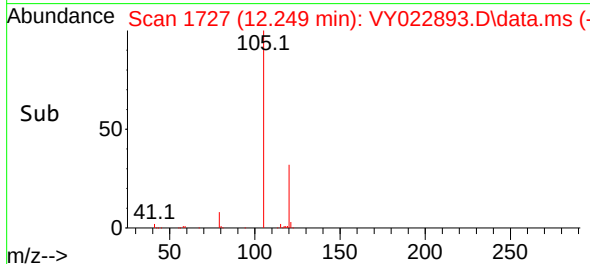
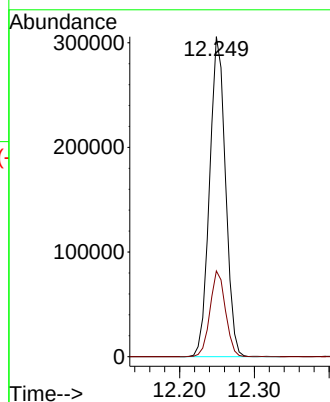
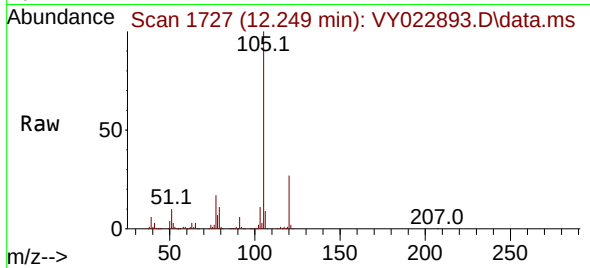




#73
Isopropylbenzene
Concen: 20.884 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

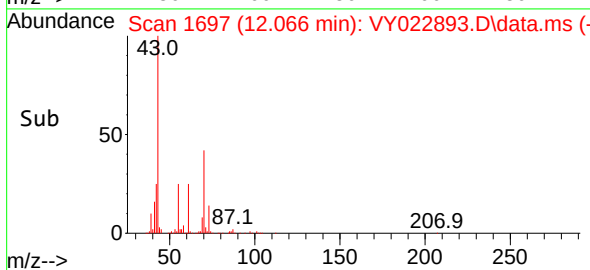
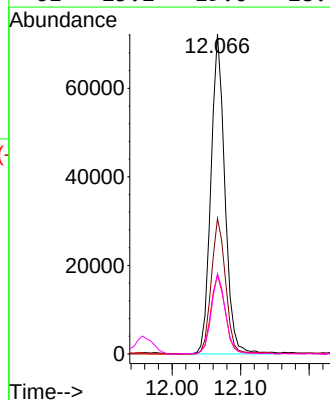
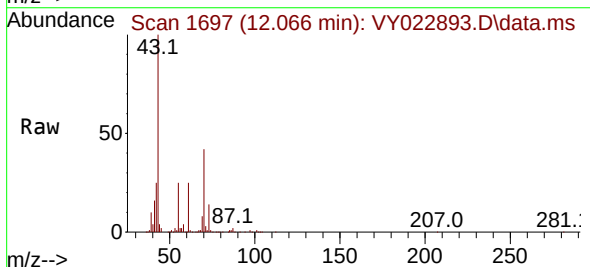
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

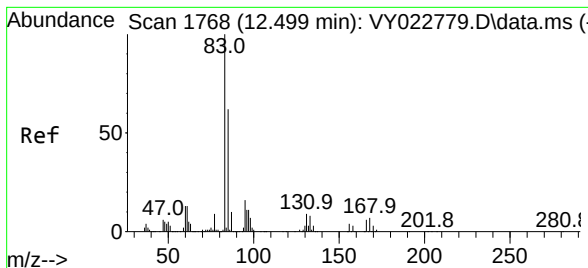
Tgt Ion:105 Resp: 452872
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 21.135 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 43 Resp: 102872
Ion Ratio Lower Upper
43 100
70 43.0 34.2 51.2
55 25.8 18.2 27.4
61 25.2 19.0 28.6

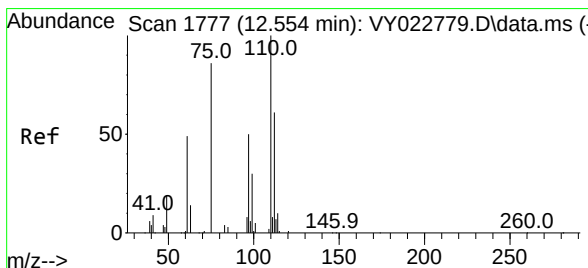
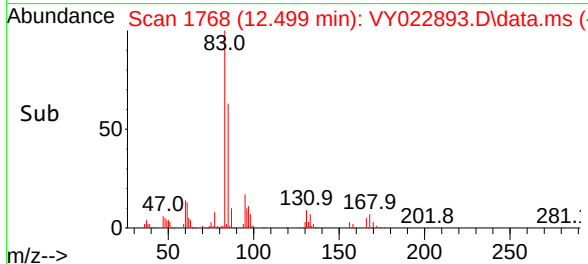
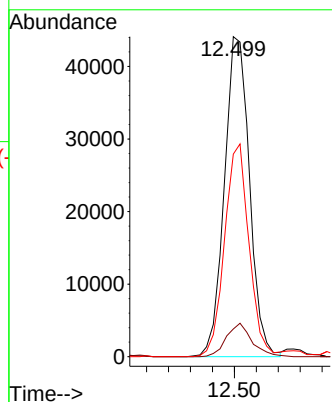
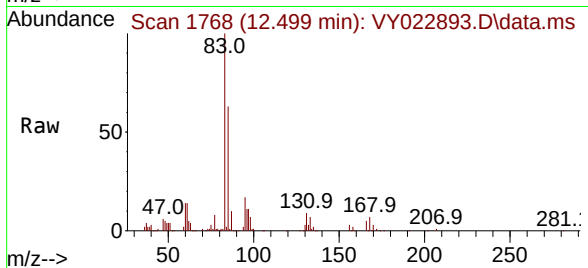




#75
1,1,2-Tetrachloroethane
Concen: 20.086 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

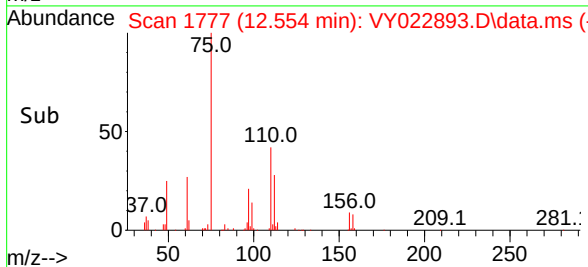
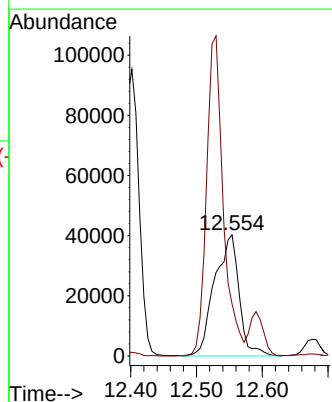
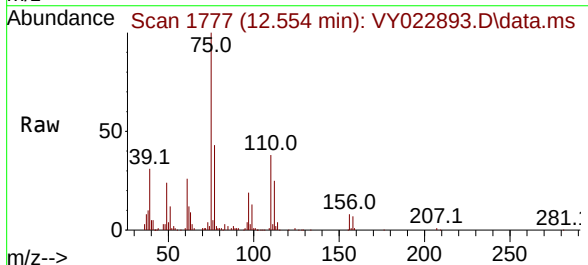
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

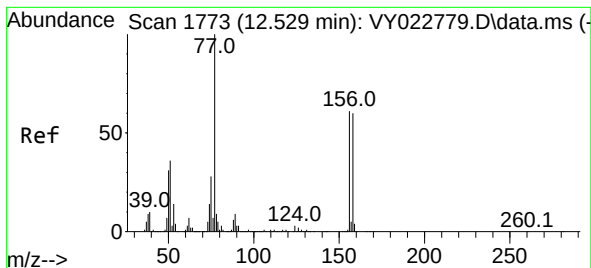
Tgt Ion: 83 Resp: 70197
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 64.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 34.919 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 75 Resp: 104527
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.270 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

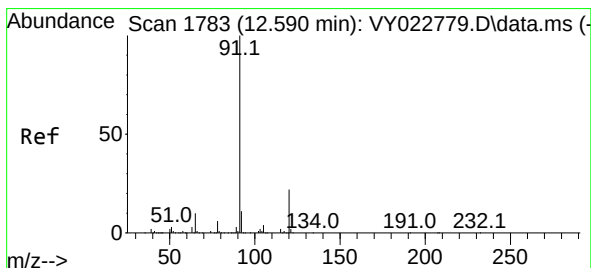
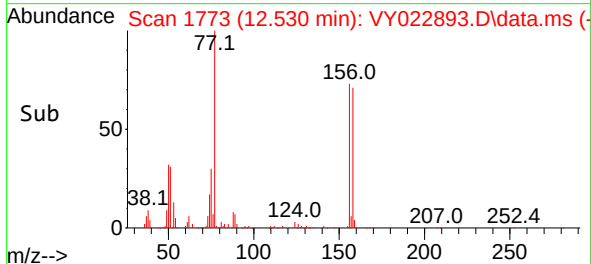
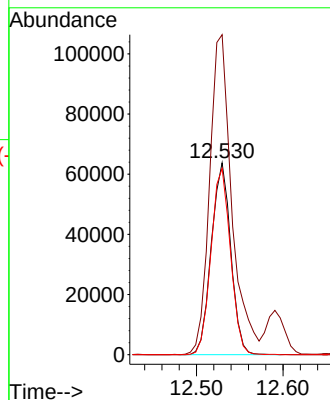
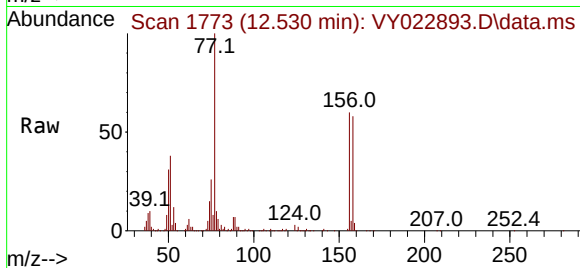
Tgt Ion:156 Resp: 99630

Ion Ratio Lower Upper

156 100

77 190.2 94.0 282.1

158 97.2 48.2 144.6



#78

n-propylbenzene

Concen: 21.085 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022893.D

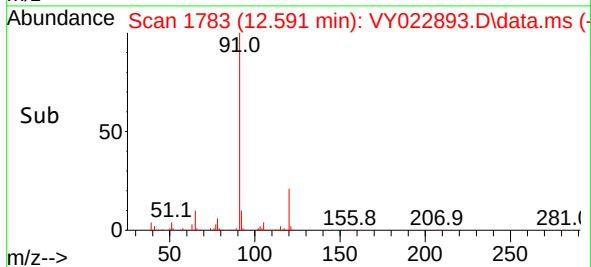
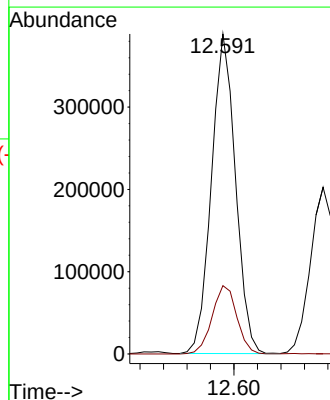
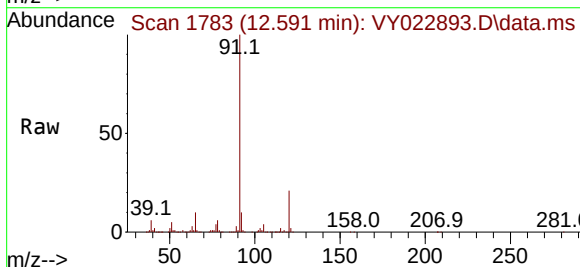
Acq: 01 Jul 2025 11:34

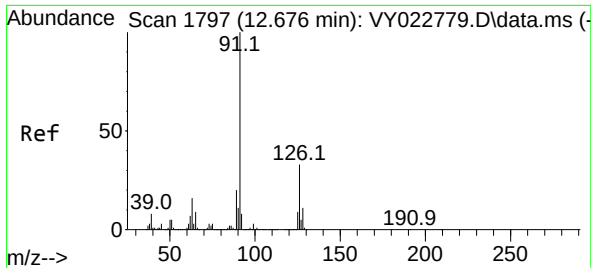
Tgt Ion: 91 Resp: 552037

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

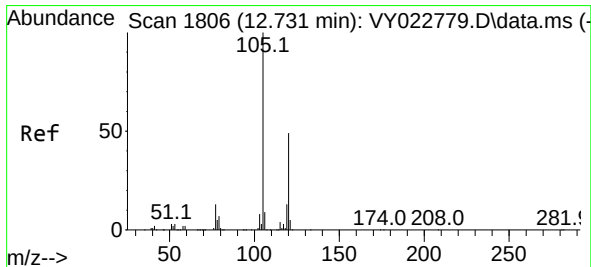
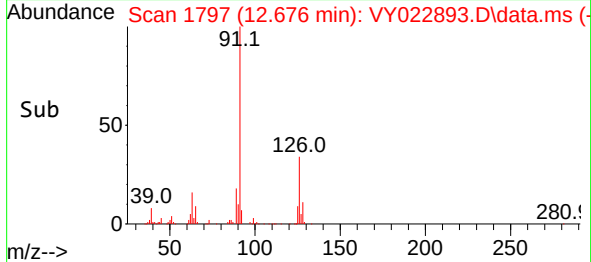
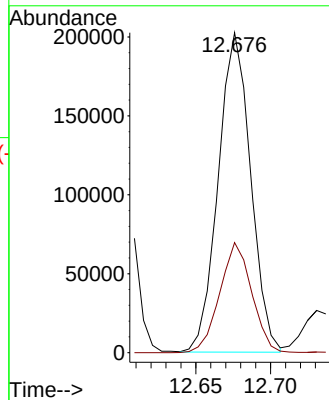
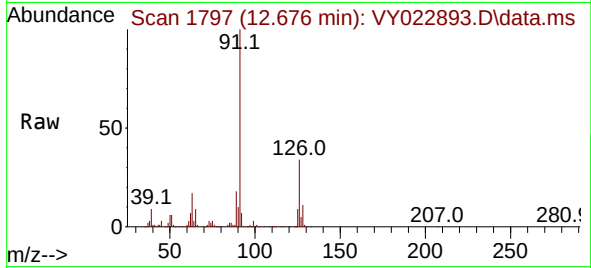




#79
2-Chlorotoluene
Concen: 20.614 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

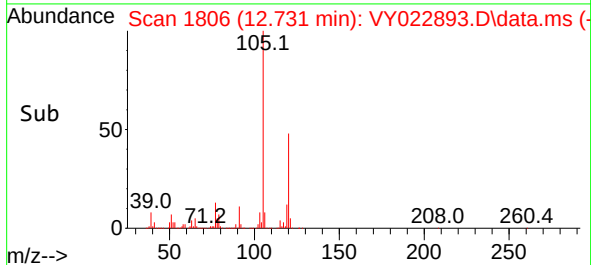
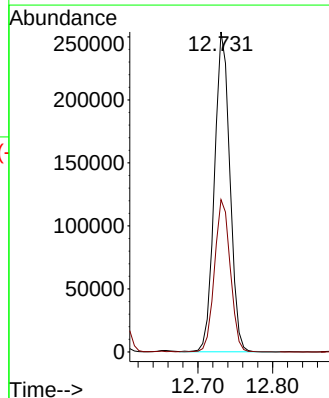
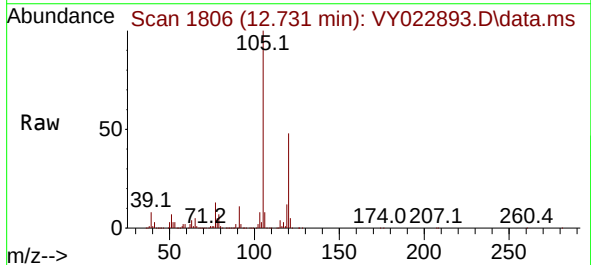
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

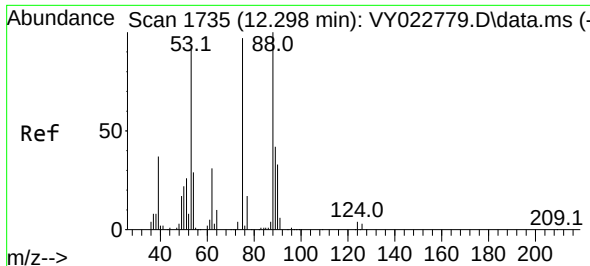
Tgt Ion: 91 Resp: 304917
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.814 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 105 Resp: 364349
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.4

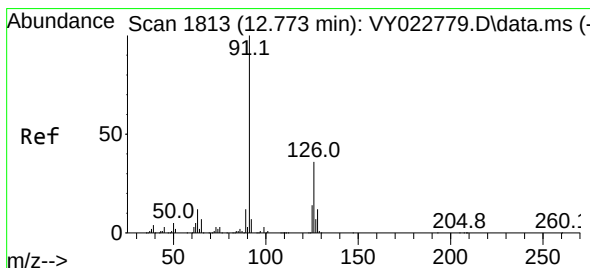
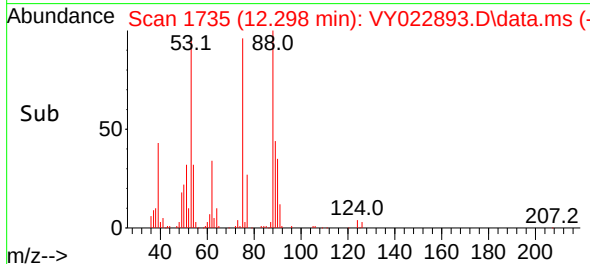
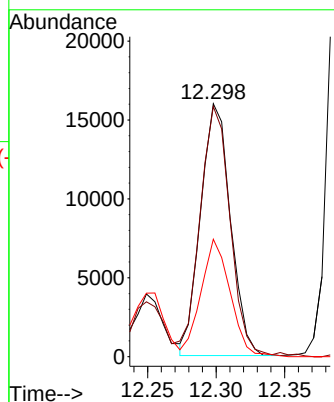
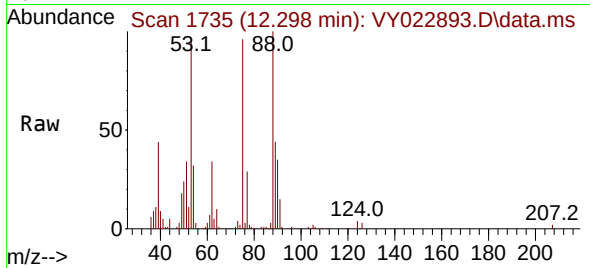




#81
trans-1,4-Dichloro-2-butene
Concen: 20.447 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

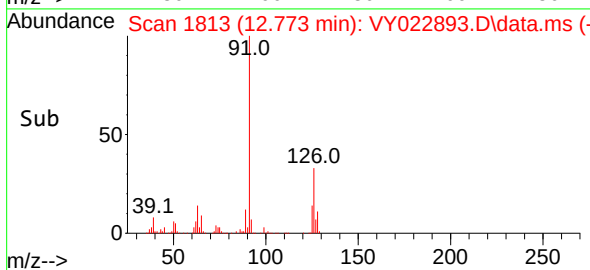
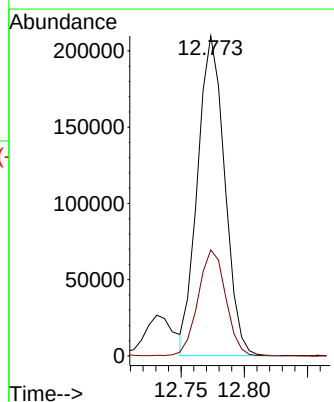
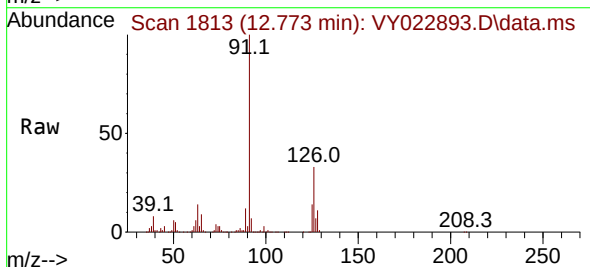
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

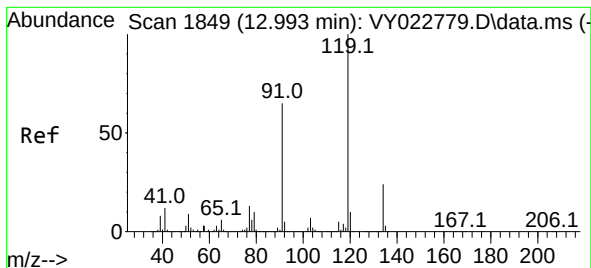
Tgt Ion: 75 Resp: 24227
Ion Ratio Lower Upper
75 100
53 101.8 78.5 117.7
89 45.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.127 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion: 91 Resp: 312723
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.227 ug/l

RT: 12.993 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

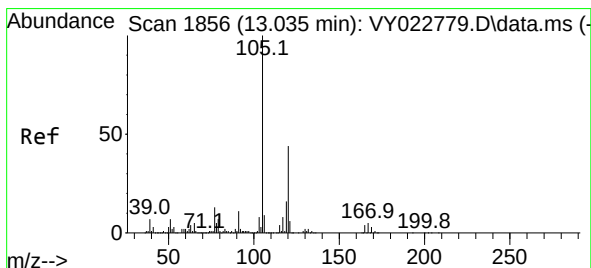
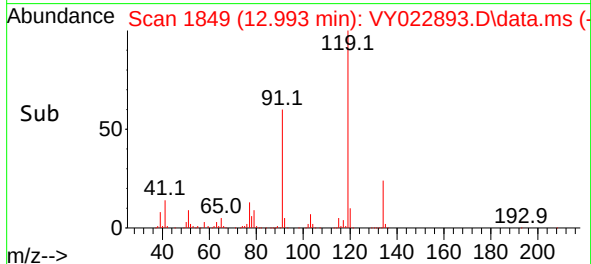
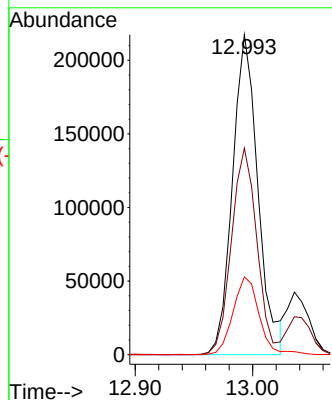
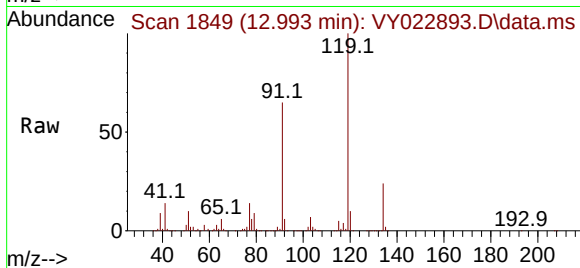
Tgt Ion:119 Resp: 327710

Ion Ratio Lower Upper

119 100

91 63.8 32.1 96.3

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.400 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022893.D

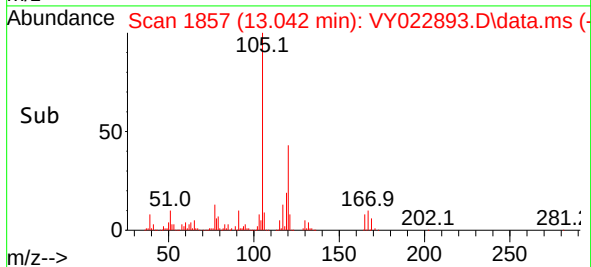
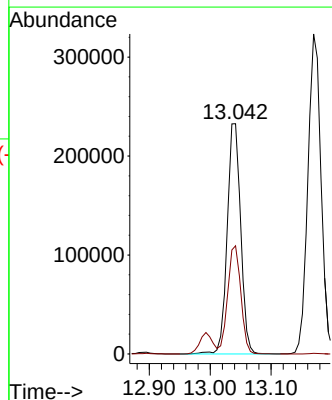
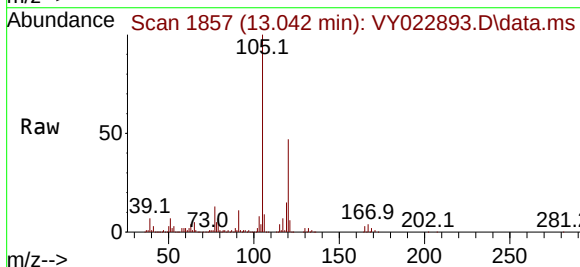
Acq: 01 Jul 2025 11:34

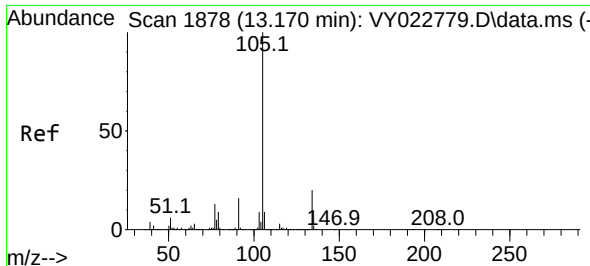
Tgt Ion:105 Resp: 357535

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.1

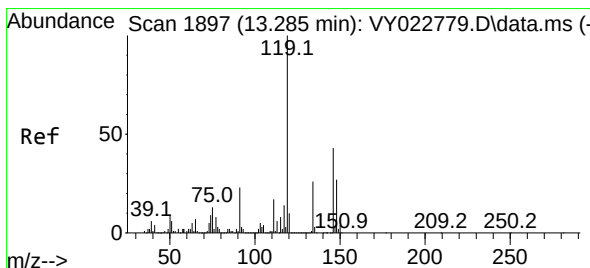
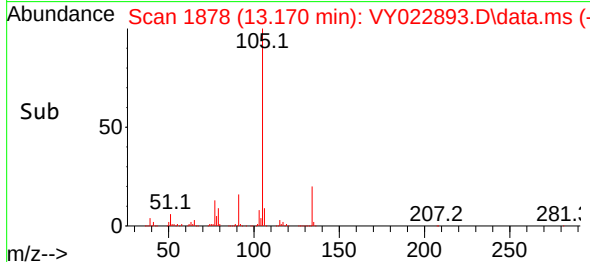
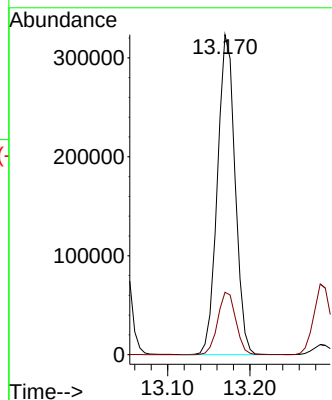
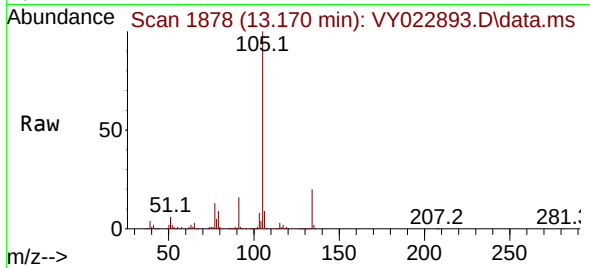




#85
 sec-Butylbenzene
 Concen: 20.808 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

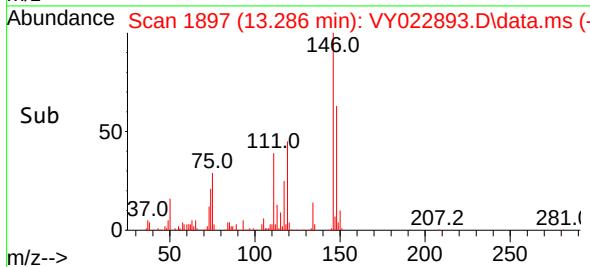
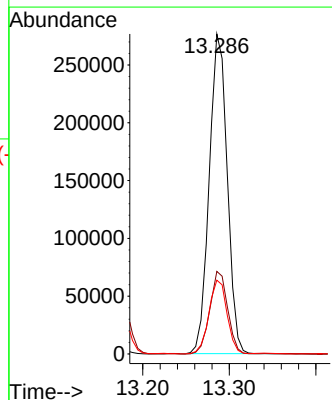
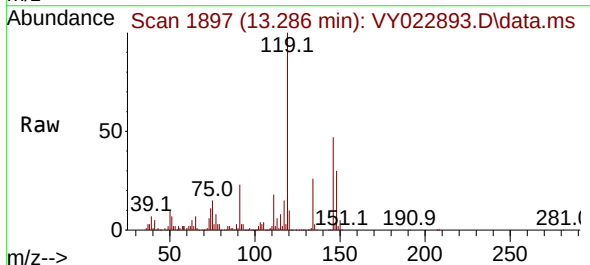
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS01

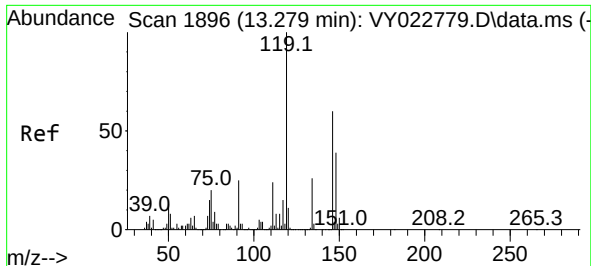
Tgt Ion:105 Resp: 483323
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.662 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022893.D
 Acq: 01 Jul 2025 11:34

Tgt Ion:119 Resp: 399389
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 23.1 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.900 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

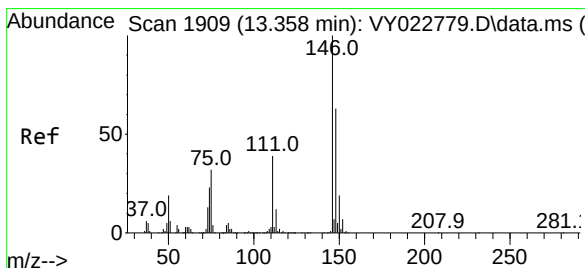
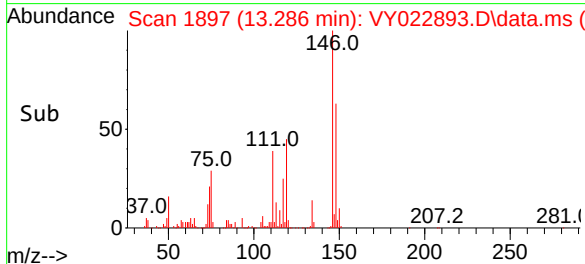
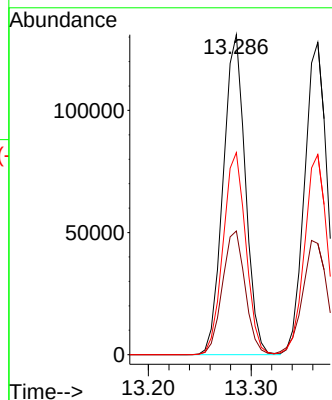
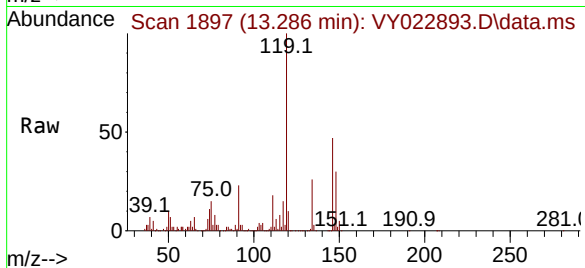
Tgt Ion:146 Resp: 196443

Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.2

148 64.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.962 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

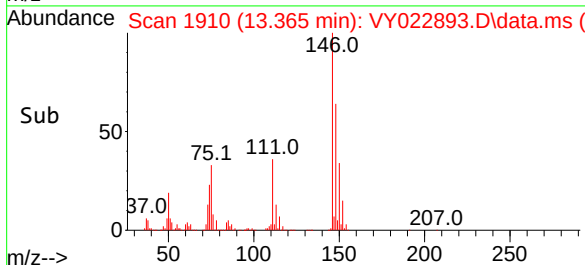
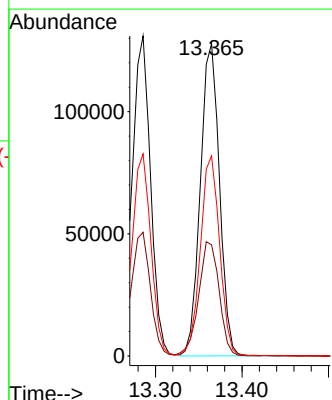
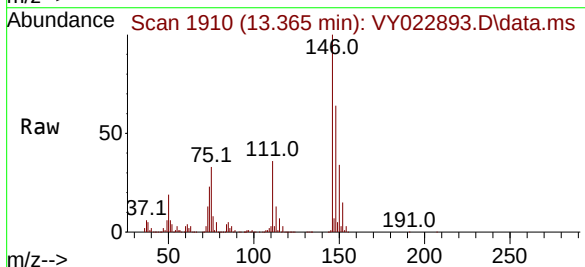
Tgt Ion:146 Resp: 195738

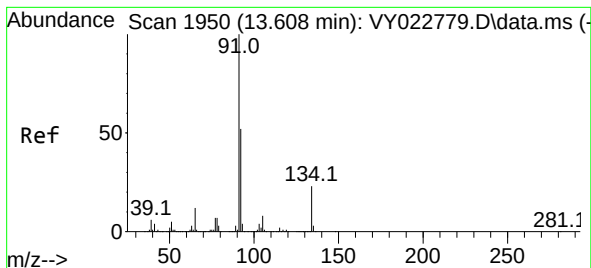
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 20.653 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

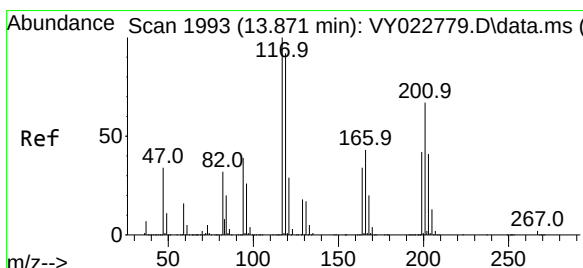
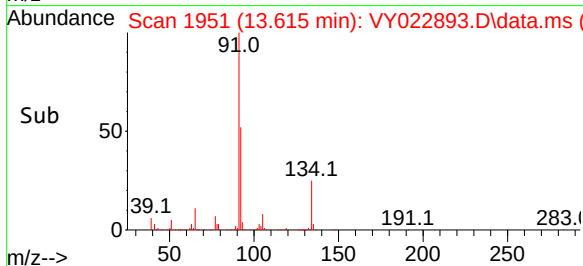
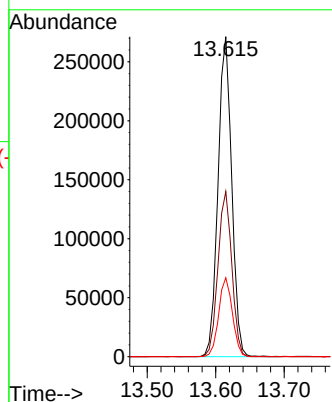
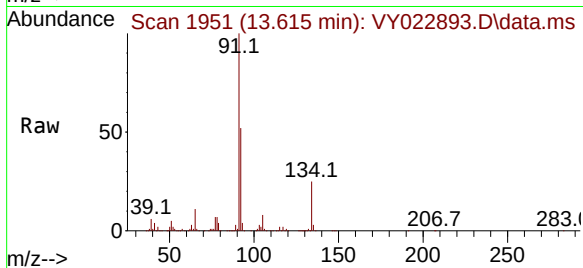
Tgt Ion: 91 Resp: 375526

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 24.7 12.0 36.1



#90

Hexachloroethane

Concen: 20.580 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022893.D

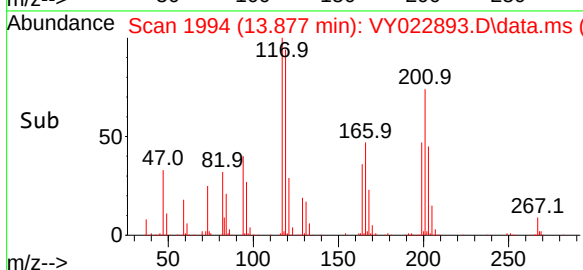
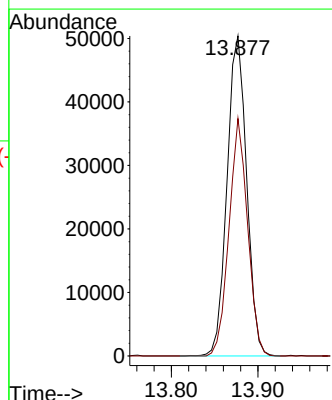
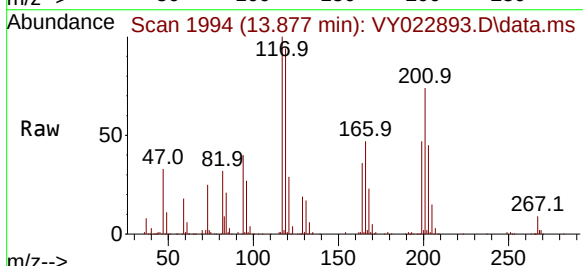
Acq: 01 Jul 2025 11:34

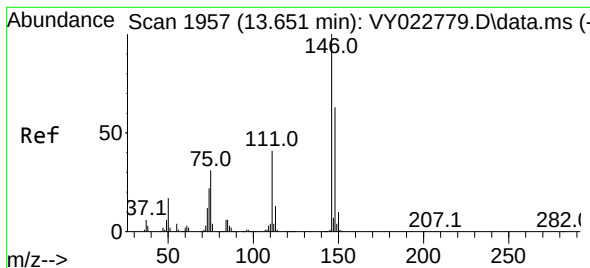
Tgt Ion: 117 Resp: 79230

Ion Ratio Lower Upper

117 100

201 70.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.800 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

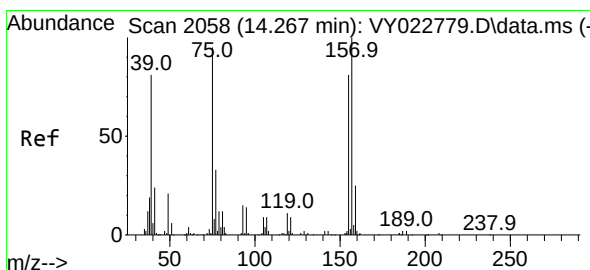
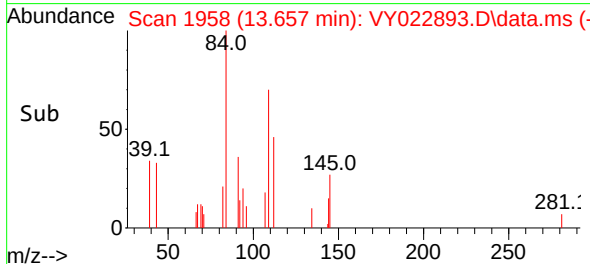
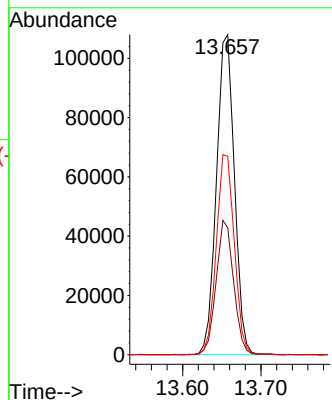
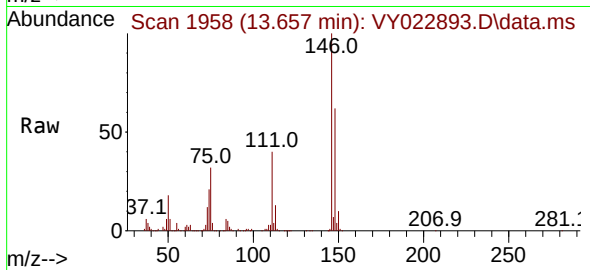
Tgt Ion:146 Resp: 172243

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.6

148 62.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.713 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

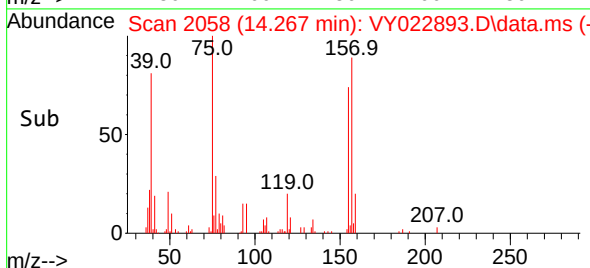
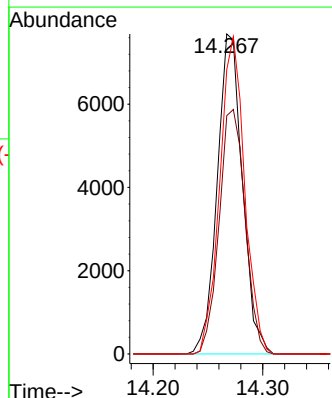
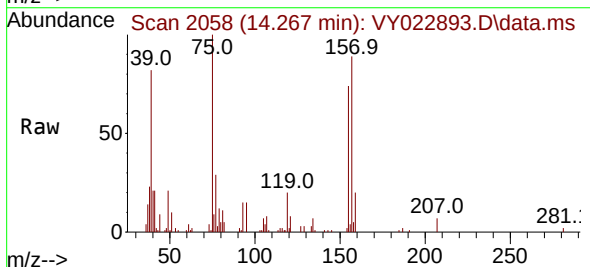
Tgt Ion: 75 Resp: 12276

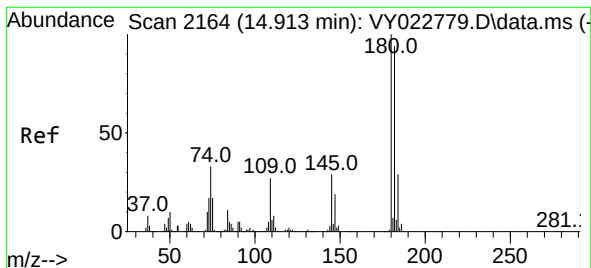
Ion Ratio Lower Upper

75 100

155 78.6 39.9 119.6

157 98.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.199 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBS01

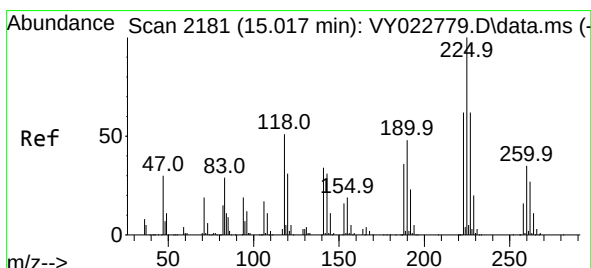
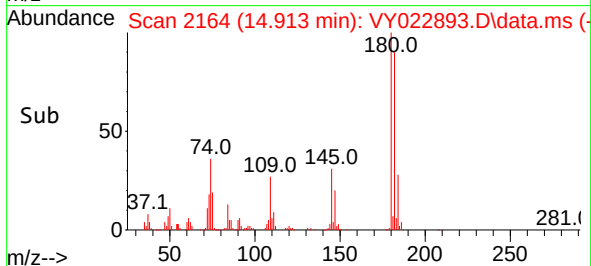
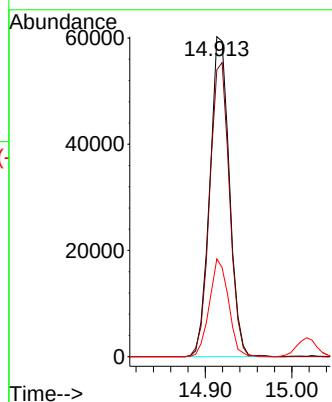
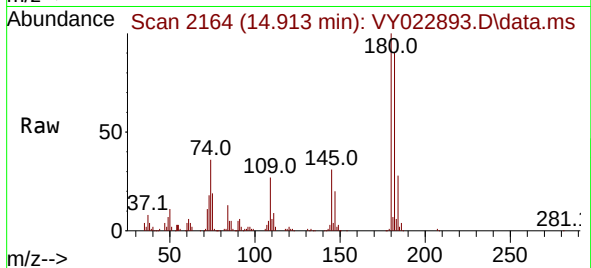
Tgt Ion:180 Resp: 94298

Ion Ratio Lower Upper

180 100

182 93.3 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.379 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022893.D

Acq: 01 Jul 2025 11:34

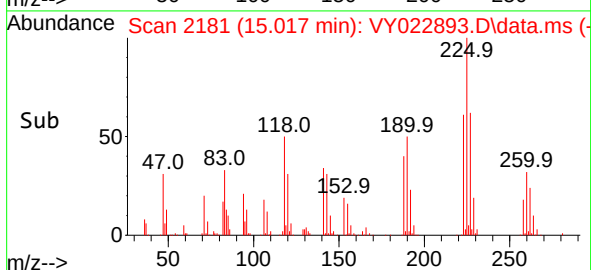
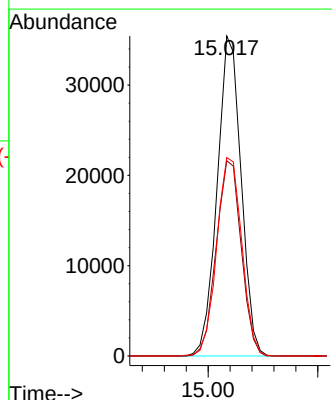
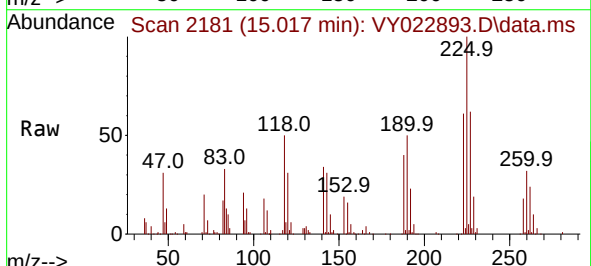
Tgt Ion:225 Resp: 53823

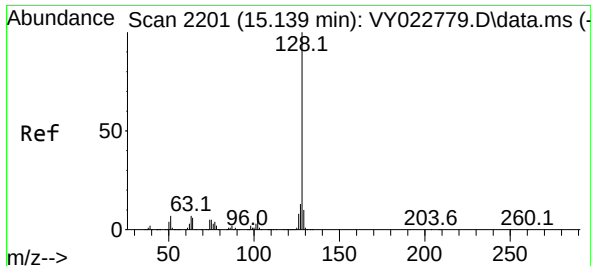
Ion Ratio Lower Upper

225 100

223 63.5 32.5 97.4

227 65.0 32.3 96.9

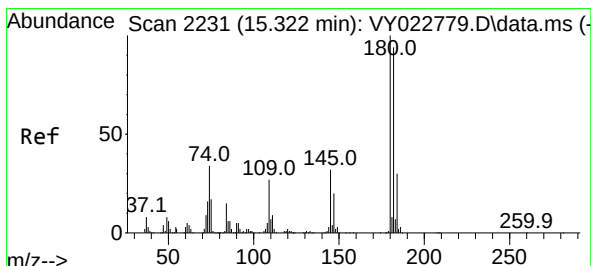
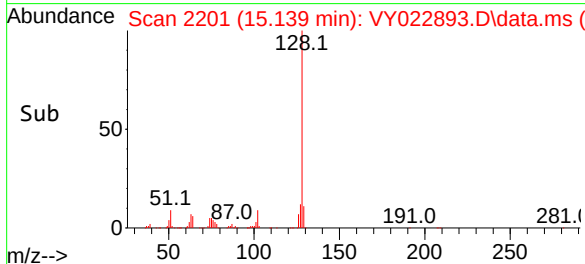
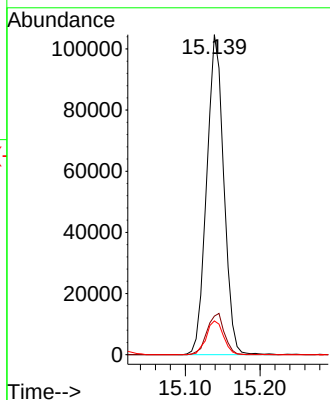
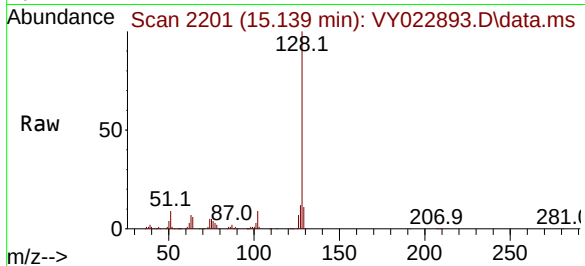




#95
Naphthalene
Concen: 18.730 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBS01

Tgt Ion:128 Resp: 166356
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.567 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022893.D
Acq: 01 Jul 2025 11:34

Tgt Ion:180 Resp: 78801
Ion Ratio Lower Upper
180 100
182 96.0 47.1 141.3
145 31.1 15.2 45.6

