

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022994.D
 Acq On : 18 Jul 2025 12:27
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 19 01:33:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:28:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	475954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	780876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	678532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	336381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	493933	102.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 205.020%#	
35) Dibromofluoromethane	7.634	113	482657	97.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.880%#	
50) Toluene-d8	10.103	98	1910579	97.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 194.520%#	
62) 4-Bromofluorobenzene	12.402	95	621212	100.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 200.920%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	343933	85.103	ug/l	99
3) Chloromethane	2.068	50	601188	87.486	ug/l	99
4) Vinyl Chloride	2.202	62	785743	90.253	ug/l	98
5) Bromomethane	2.586	94	577639	91.932	ug/l	98
6) Chloroethane	2.733	64	535701	92.133	ug/l	99
7) Trichlorofluoromethane	3.050	101	909366	89.982	ug/l	97
8) Diethyl Ether	3.452	74	255324	96.529	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	469718	88.476	ug/l	100
10) Methyl Iodide	4.001	142	575669	104.378	ug/l	99
11) Tert butyl alcohol	4.860	59	147261	502.619	ug/l	98
12) 1,1-Dichloroethene	3.787	96	460202	90.995	ug/l	97
13) Acrolein	3.653	56	39471	298.871	ug/l	95
14) Allyl chloride	4.379	41	750900	97.457	ug/l	100
15) Acrylonitrile	5.055	53	520028	519.058	ug/l	99
16) Acetone	3.867	43	381982	437.355	ug/l	98
17) Carbon Disulfide	4.104	76	1399893	91.330	ug/l	100
18) Methyl Acetate	4.385	43	307662	104.049	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1256898	103.613	ug/l	99
20) Methylene Chloride	4.610	84	565355	100.432	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	539769	95.878	ug/l	99
22) Diisopropyl ether	6.019	45	1674257	102.426	ug/l	99
23) Vinyl Acetate	5.958	43	4415435	536.099	ug/l	100
24) 1,1-Dichloroethane	5.909	63	998111	97.216	ug/l	99
25) 2-Butanone	6.890	43	637358	508.682	ug/l	99
26) 2,2-Dichloropropane	6.884	77	850357	94.504	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	647185	99.748	ug/l	99
28) Bromochloromethane	7.244	49	404739	101.639	ug/l	99
29) Tetrahydrofuran	7.262	42	419926	529.354	ug/l	99
30) Chloroform	7.421	83	1018437	98.332	ug/l	98
31) Cyclohexane	7.701	56	844759	88.057	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	884489	94.120	ug/l	100
36) 1,1-Dichloropropene	7.835	75	722234	92.565	ug/l	99
37) Ethyl Acetate	6.982	43	288448	99.541	ug/l	100
38) Carbon Tetrachloride	7.817	117	778082	91.791	ug/l	98
39) Methylcyclohexane	9.110	83	943130	93.389	ug/l	98
40) Benzene	8.079	78	2269537	96.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	164406	107.489	ug/l	97
42) 1,2-Dichloroethane	8.158	62	585330	100.148	ug/l	100
43) Isopropyl Acetate	8.195	43	607757	105.586	ug/l #	86
44) Trichloroethene	8.866	130	563155	93.331	ug/l	98
45) 1,2-Dichloropropane	9.140	63	533997	97.337	ug/l	100
46) Dibromomethane	9.225	93	284227	100.232	ug/l	99
47) Bromodichloromethane	9.420	83	781857	99.747	ug/l	99
48) Methyl methacrylate	9.219	41	295029	106.166	ug/l	98
49) 1,4-Dioxane	9.225	88	65215	2181.786	ug/l	93
51) 4-Methyl-2-Pentanone	9.994	43	1565020	535.675	ug/l	98
52) Toluene	10.170	92	1466593	100.411	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	705883	104.909	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	825037	101.731	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	379653	101.863	ug/l	98
56) Ethyl methacrylate	10.439	69	525284	112.902	ug/l	99
57) 1,3-Dichloropropane	10.713	76	659240	102.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	1299087	570.401	ug/l	100
59) 2-Hexanone	10.756	43	1036463	539.710	ug/l	98
60) Dibromochloromethane	10.908	129	502369	102.935	ug/l	100
61) 1,2-Dibromoethane	11.012	107	348166	102.869	ug/l	100
64) Tetrachloroethene	10.646	164	642694	92.667	ug/l	99
65) Chlorobenzene	11.438	112	1553437	97.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	534070	97.795	ug/l	100
67) Ethyl Benzene	11.518	91	2801373	98.709	ug/l	99
68) m/p-Xylenes	11.621	106	2176388	199.933	ug/l	98
69) o-Xylene	11.950	106	1029408	101.898	ug/l	98
70) Styrene	11.963	104	1721270	104.018	ug/l	100
71) Bromoform	12.127	173	291448	105.125	ug/l #	99
73) Isopropylbenzene	12.249	105	2633517	92.342	ug/l	99
74) N-amyl acetate	12.066	43	559798	104.113	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	391508	94.863	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	560868	132.482	ug/l #	100
77) Bromobenzene	12.530	156	591382	95.609	ug/l	100
78) n-propylbenzene	12.591	91	3128958	92.131	ug/l	98
79) 2-Chlorotoluene	12.676	91	1787847	93.601	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	2134216	94.884	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	136910	97.286	ug/l	96
82) 4-Chlorotoluene	12.774	91	1819454	94.446	ug/l	99
83) tert-Butylbenzene	12.993	119	1906177	93.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	2136779	96.506	ug/l	99
85) sec-Butylbenzene	13.170	105	2845557	93.457	ug/l	99
86) p-Isopropyltoluene	13.286	119	2393335	96.785	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	1199663	96.105	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1147484	95.021	ug/l	100
89) n-Butylbenzene	13.615	91	2202992	96.545	ug/l	100
90) Hexachloroethane	13.877	117	471548	92.105	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1014265	96.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	60444	98.636	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	563754	101.574	ug/l	99
94) Hexachlorobutadiene	15.017	225	318528	91.031	ug/l	99
95) Naphthalene	15.139	128	998336	112.148	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	477101	104.109	ug/l	100

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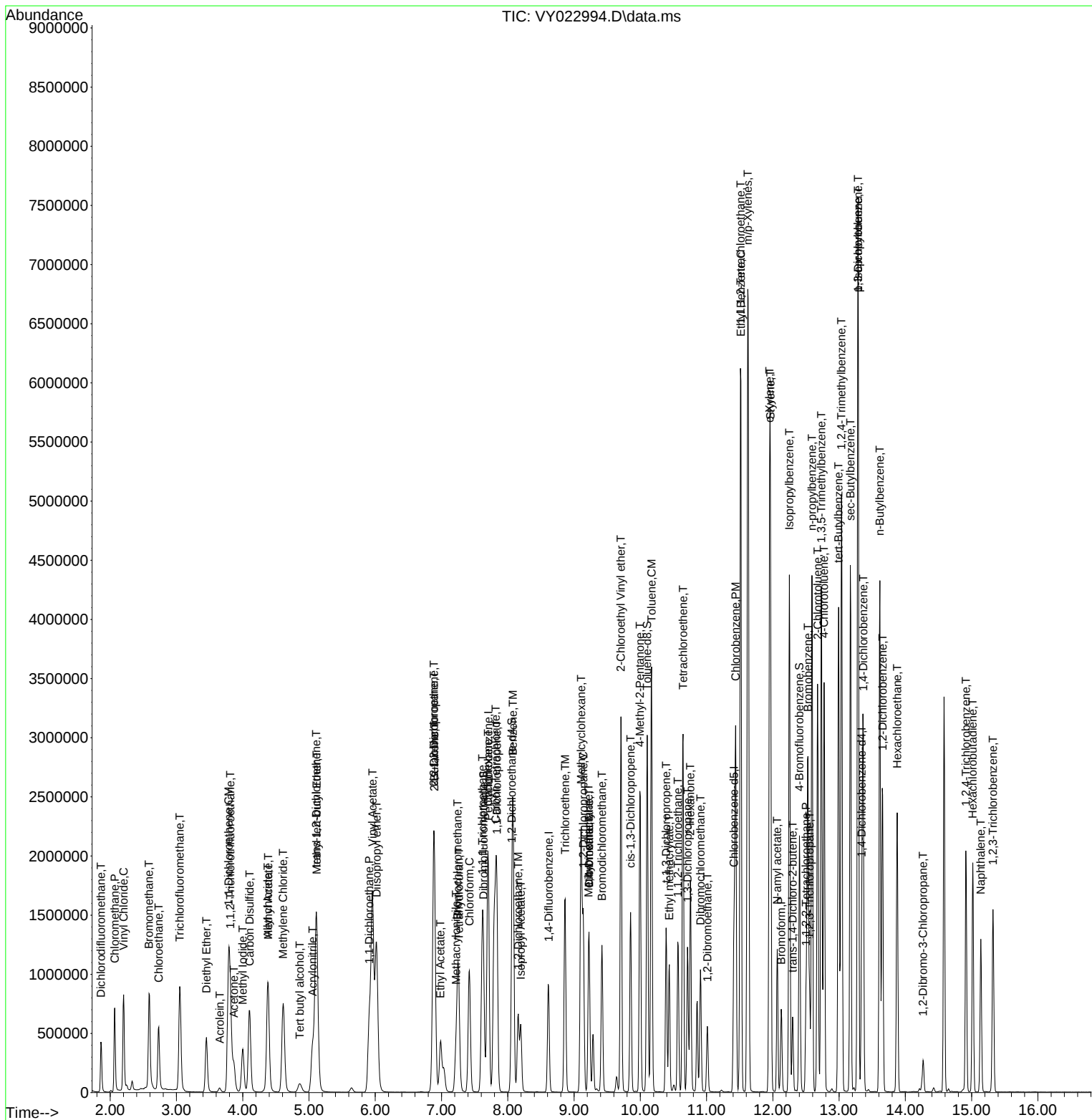
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MSVOA_Y
ClientSampleId :
VSTDICC100

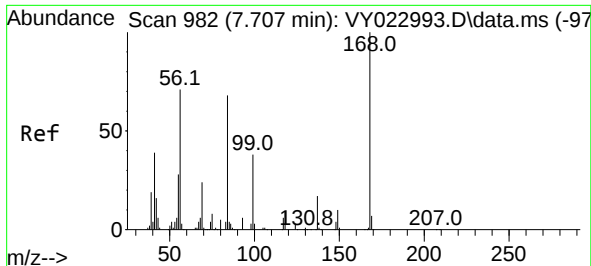
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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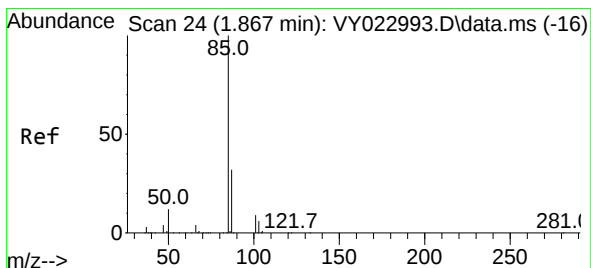
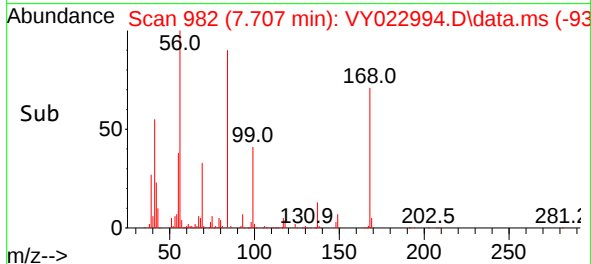
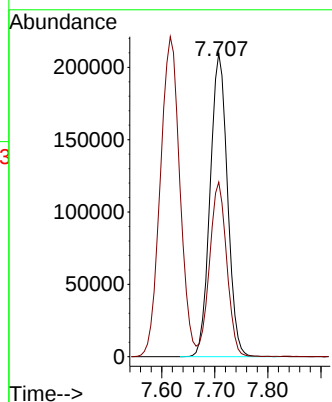
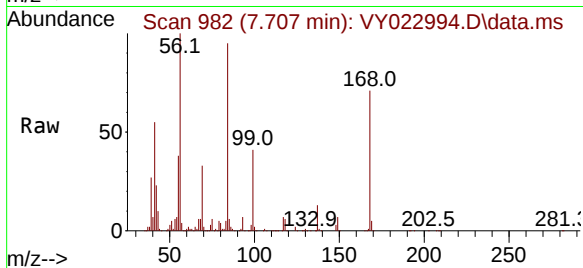




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022994.D
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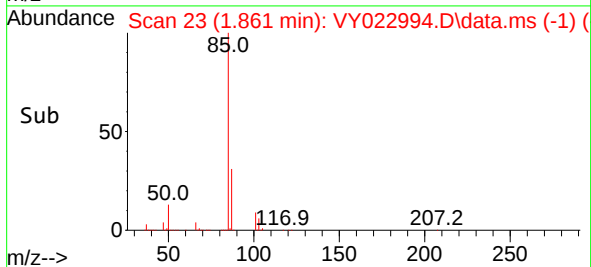
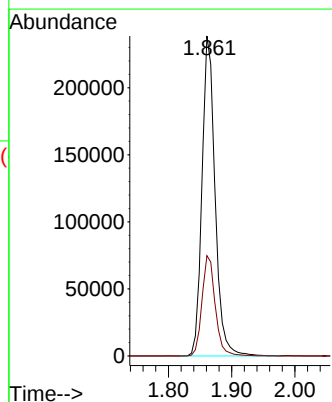
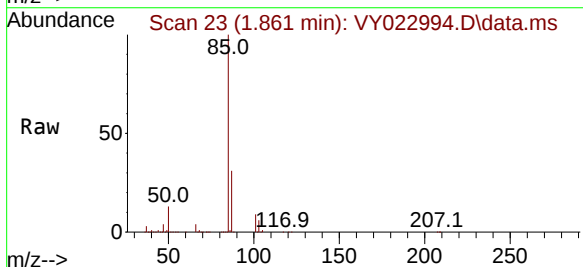
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

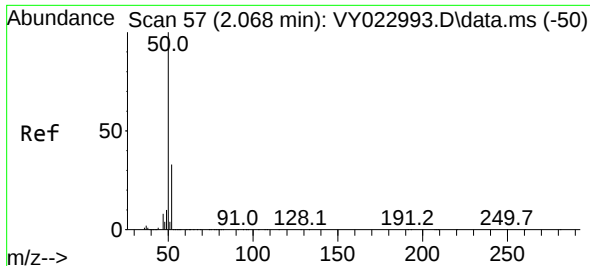
Tgt Ion:168 Resp: 475954
Ion Ratio Lower Upper
168 100
99 57.4 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 85.103 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 85 Resp: 343933
Ion Ratio Lower Upper
85 100
87 31.4 16.0 47.9

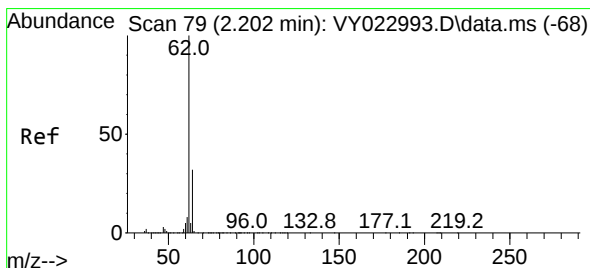
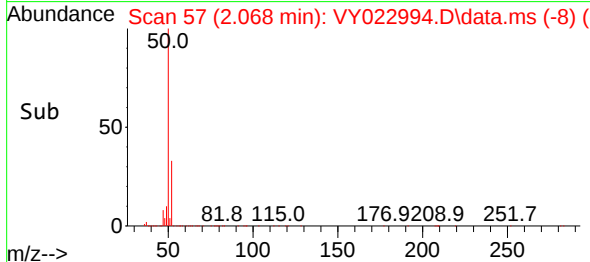
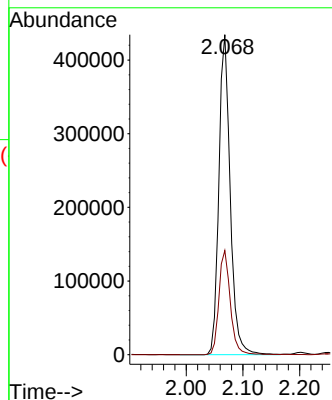
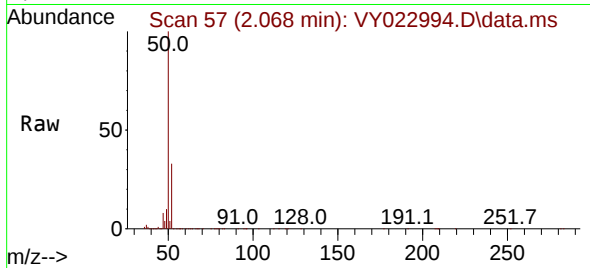




#3
Chloromethane
Concen: 87.486 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

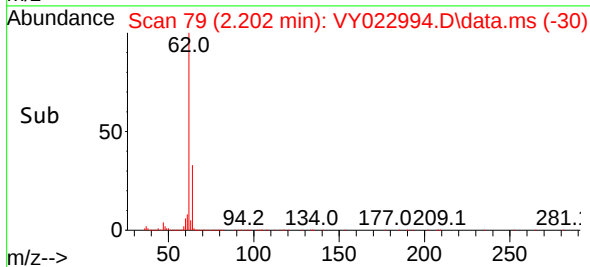
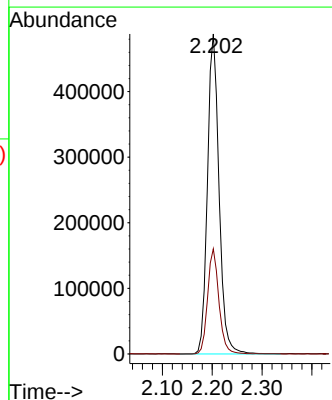
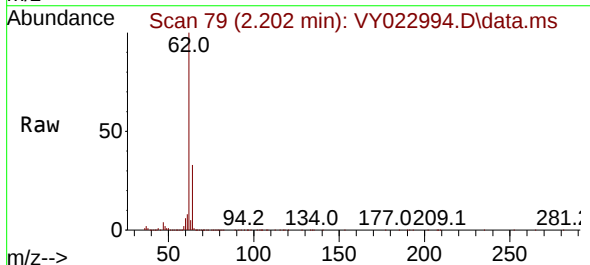
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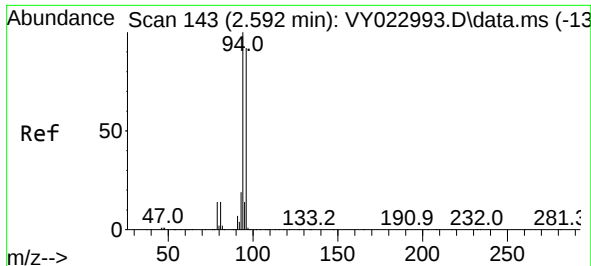
Tgt Ion: 50 Resp: 601188
Ion Ratio Lower Upper
50 100
52 32.6 26.6 39.8



#4
Vinyl Chloride
Concen: 90.253 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 62 Resp: 785743
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8

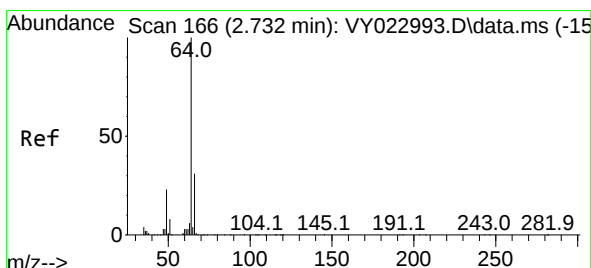
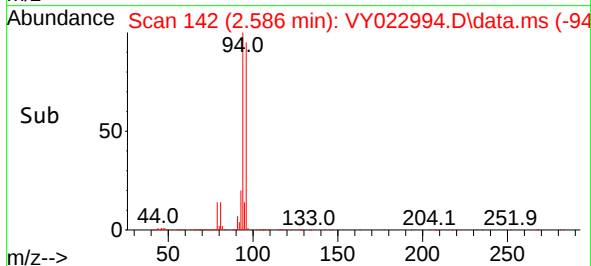
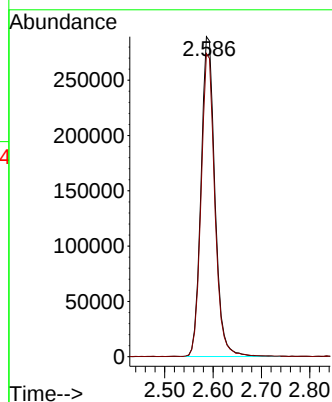
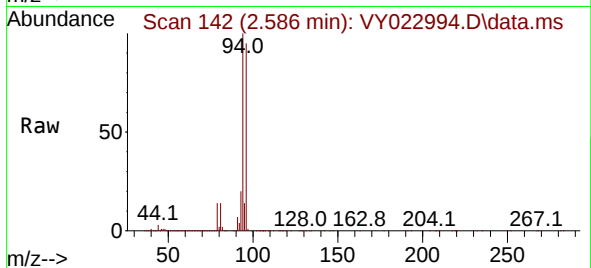




#5
Bromomethane
Concen: 91.932 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

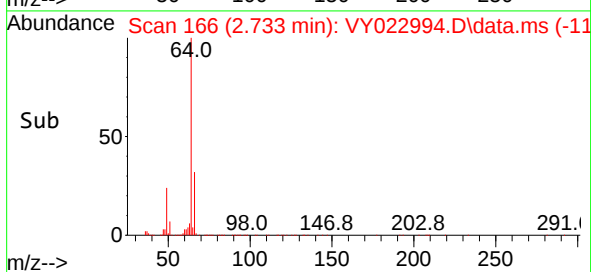
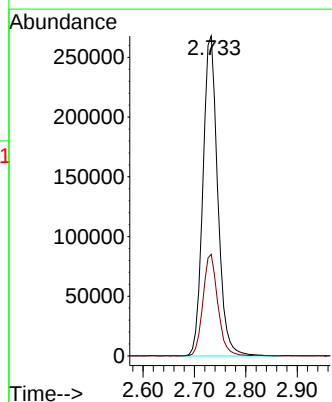
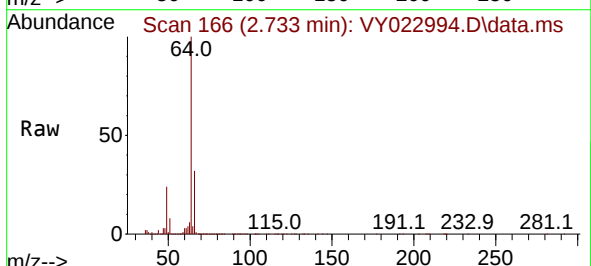
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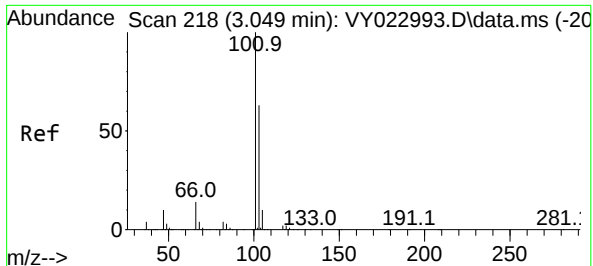
Tgt Ion: 94 Resp: 577639
Ion Ratio Lower Upper
94 100
96 94.7 73.9 110.9



#6
Chloroethane
Concen: 92.133 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 64 Resp: 535701
Ion Ratio Lower Upper
64 100
66 31.7 24.9 37.3

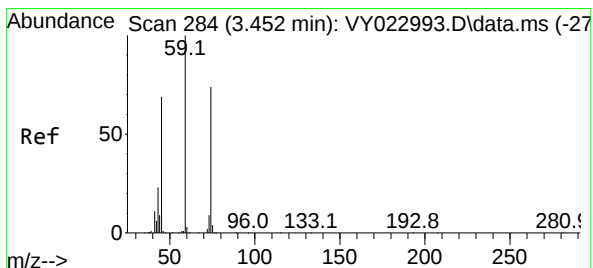
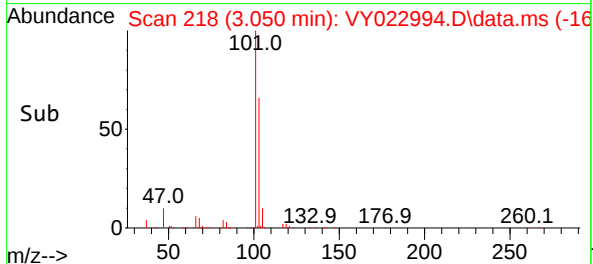
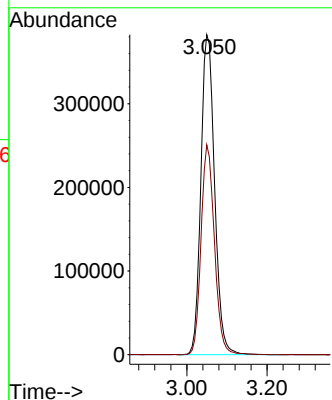
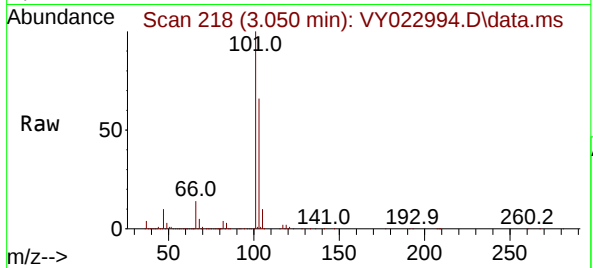




#7
 Trichlorofluoromethane
 Concen: 89.982 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

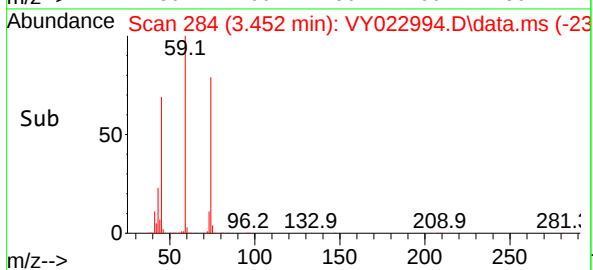
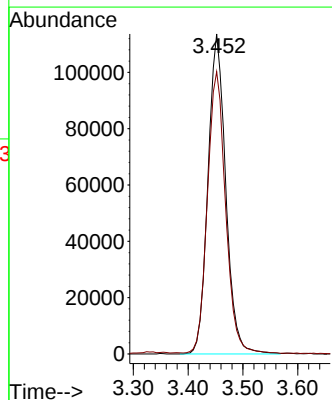
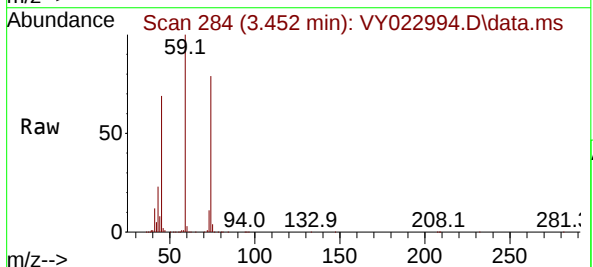
Instrument :
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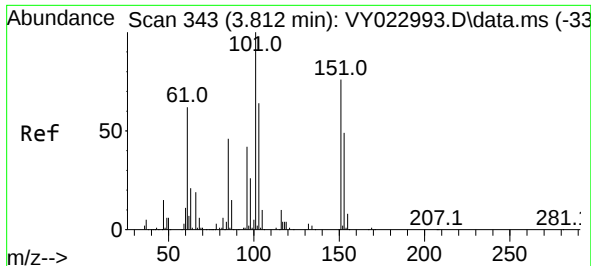
Tgt Ion:101 Resp: 909366
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 96.529 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022994.D
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Tgt Ion: 74 Resp: 255324
 Ion Ratio Lower Upper
 74 100
 45 90.0 45.1 135.2

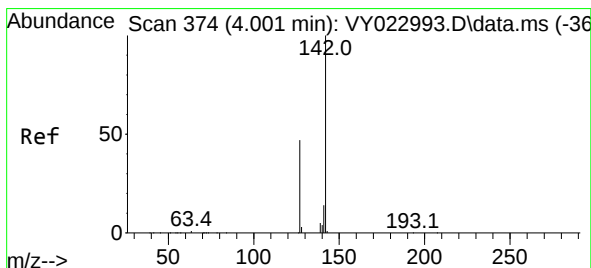
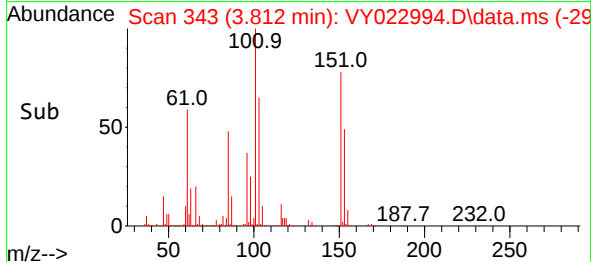
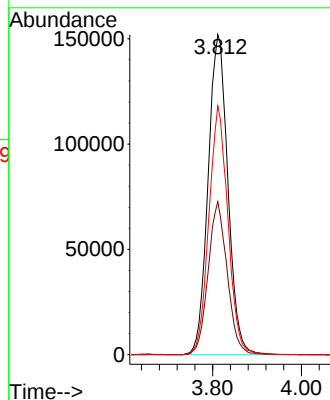
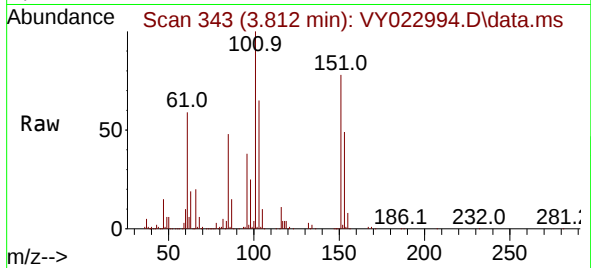




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.476 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

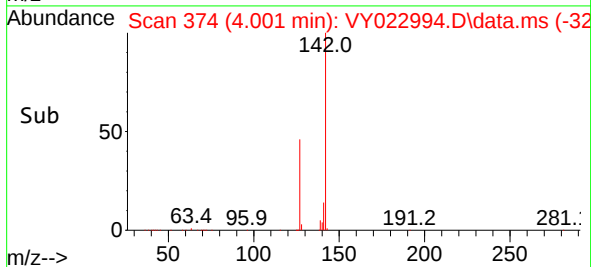
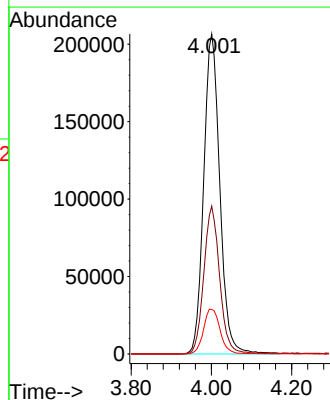
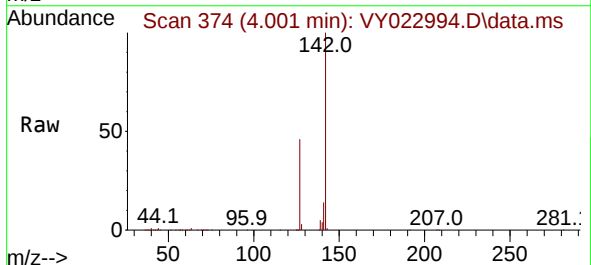
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

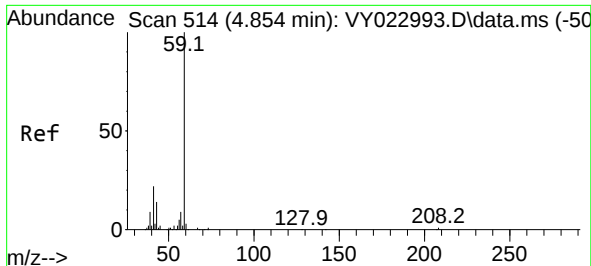
Tgt Ion:101 Resp: 469718
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 75.0 59.7 89.5



#10
Methyl Iodide
Concen: 104.378 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion:142 Resp: 575669
Ion Ratio Lower Upper
142 100
127 45.5 37.0 55.6
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 502.619 ug/l

RT: 4.860 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

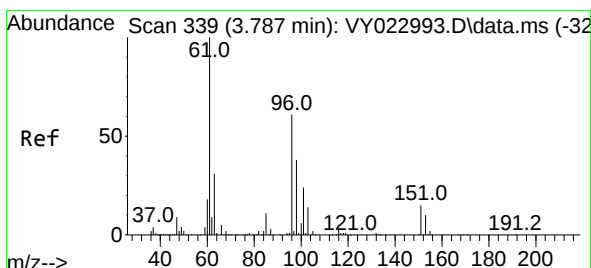
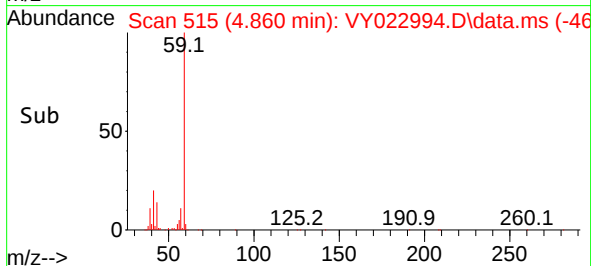
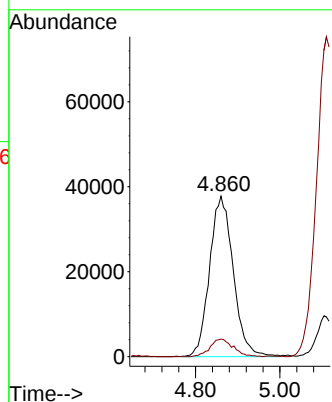
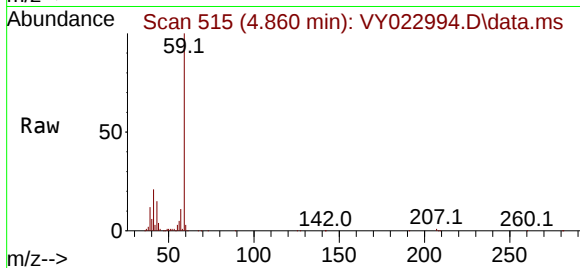
VSTDIC100

Tgt Ion: 59 Resp: 147261

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.2



#12

1,1-Dichloroethene

Concen: 90.995 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

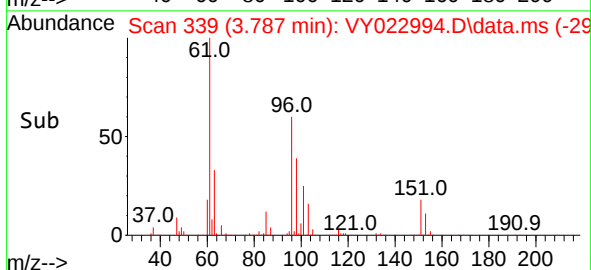
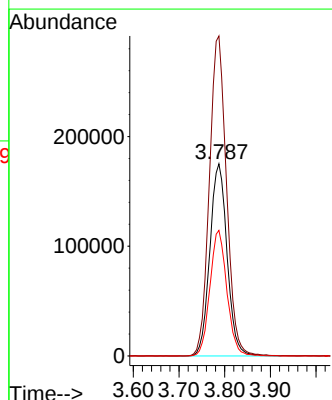
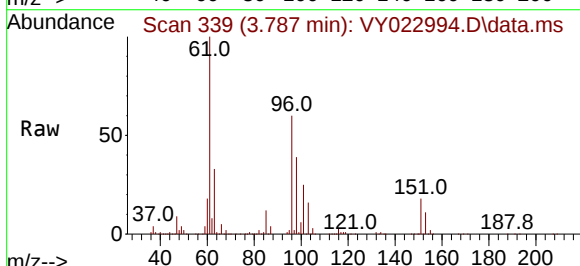
Tgt Ion: 96 Resp: 460202

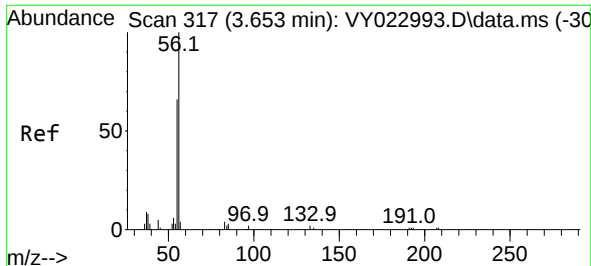
Ion Ratio Lower Upper

96 100

61 166.4 130.4 195.6

98 65.3 49.6 74.4

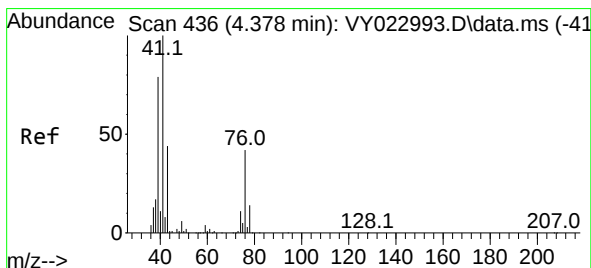
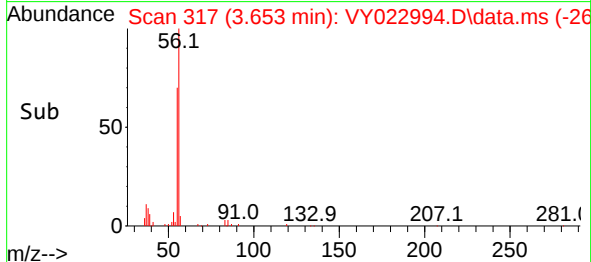
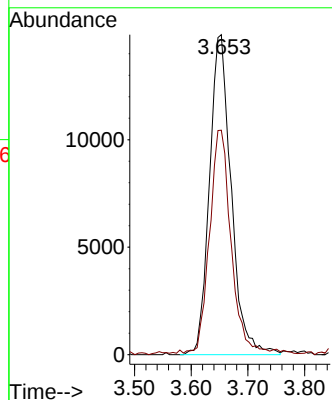
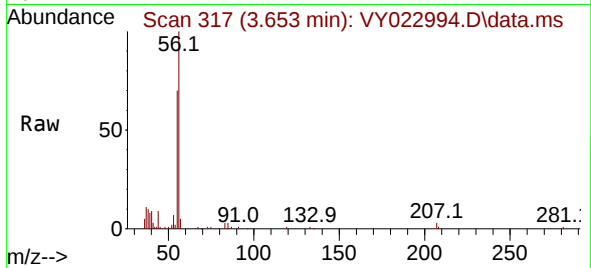




#13
Acrolein
Concen: 298.871 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

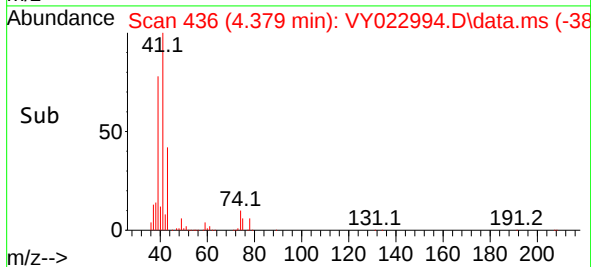
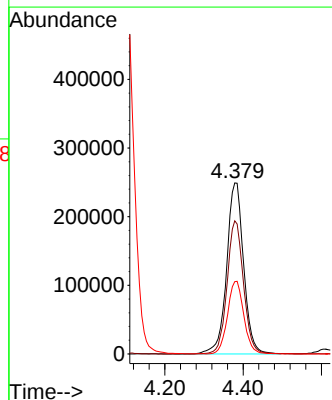
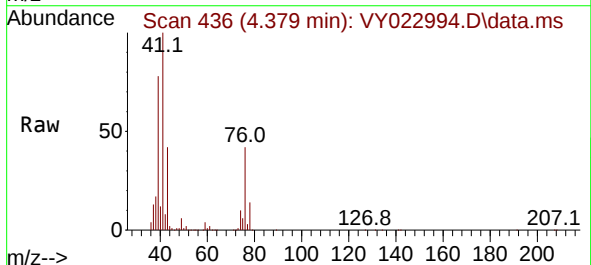
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

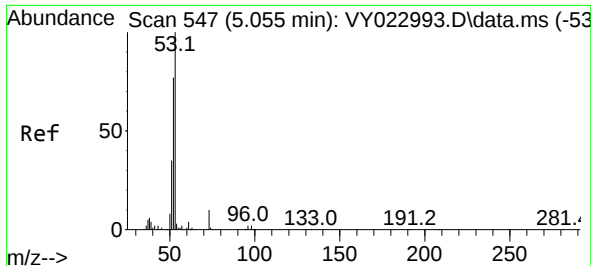
Tgt Ion: 56 Resp: 39471
Ion Ratio Lower Upper
56 100
55 68.4 57.8 86.6



#14
Allyl chloride
Concen: 97.457 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 41 Resp: 750900
Ion Ratio Lower Upper
41 100
39 75.3 60.1 90.1
76 40.9 32.2 48.4

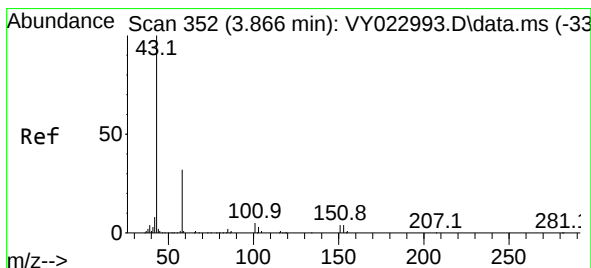
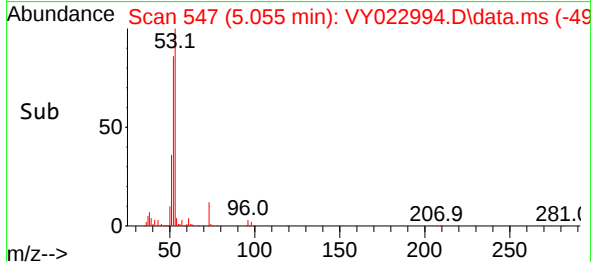
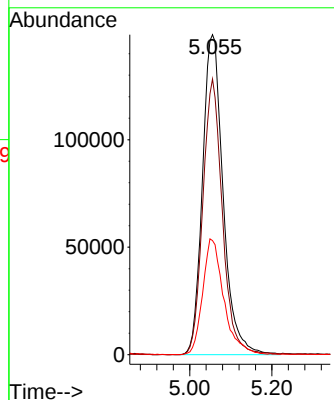
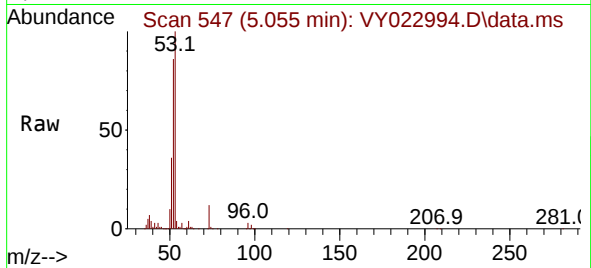




#15
Acrylonitrile
Concen: 519.058 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

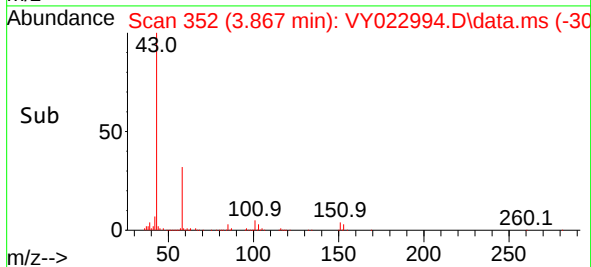
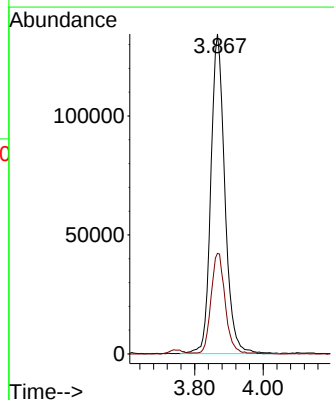
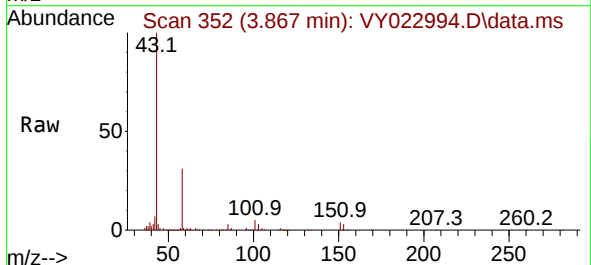
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

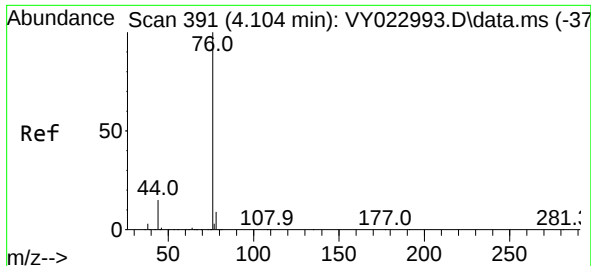
Tgt Ion: 53 Resp: 520028
Ion Ratio Lower Upper
53 100
52 81.6 65.2 97.8
51 37.0 30.3 45.5



#16
Acetone
Concen: 437.355 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 43 Resp: 381982
Ion Ratio Lower Upper
43 100
58 31.5 26.2 39.4

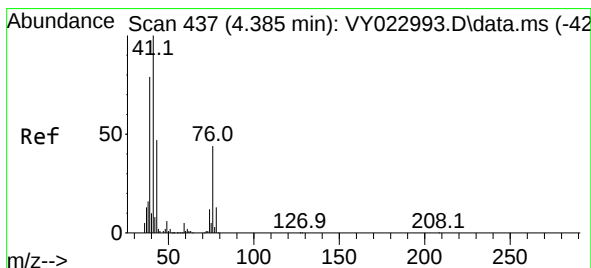
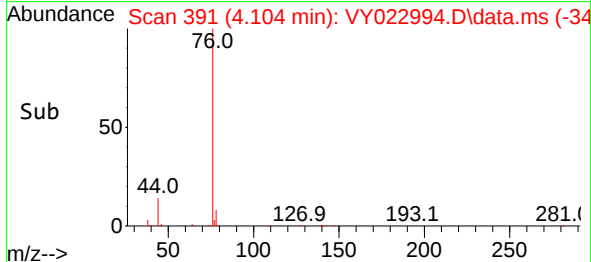
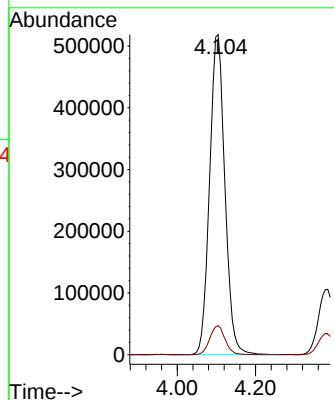
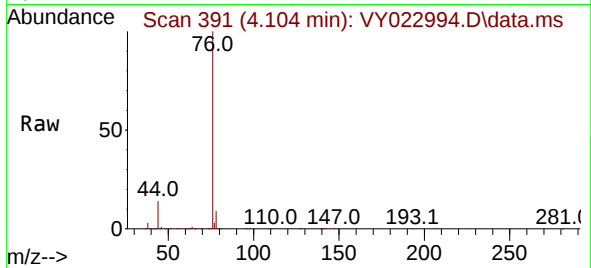




#17
Carbon Disulfide
Concen: 91.330 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

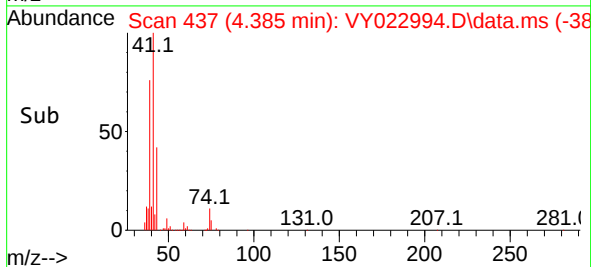
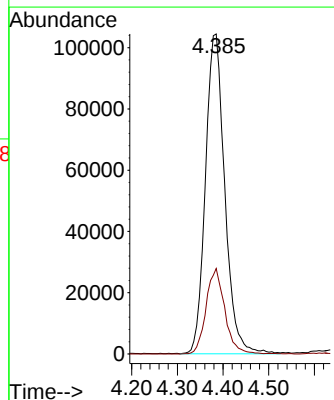
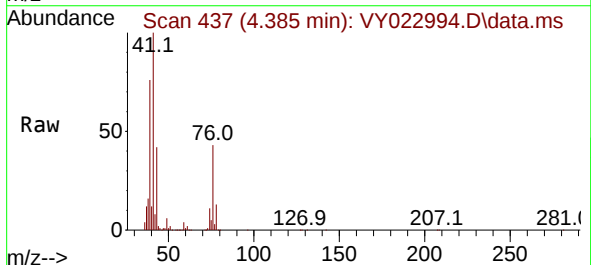
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

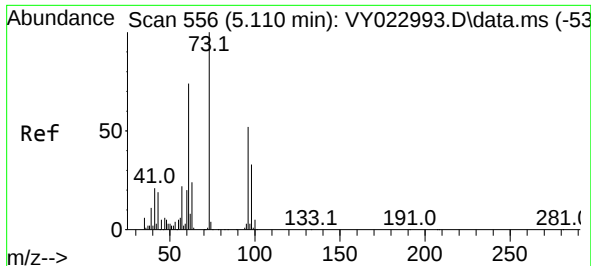
Tgt Ion: 76 Resp: 1399893
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 104.049 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 43 Resp: 307662
Ion Ratio Lower Upper
43 100
74 25.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 103.613 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

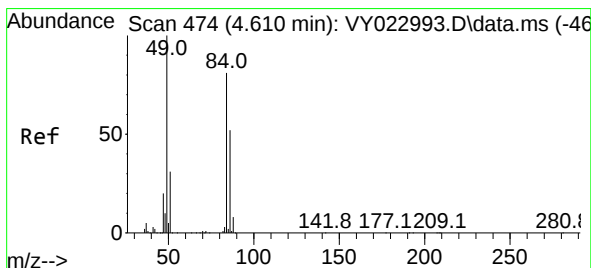
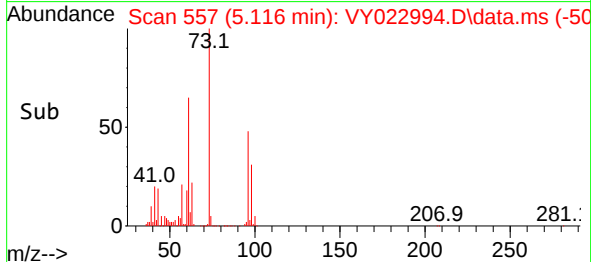
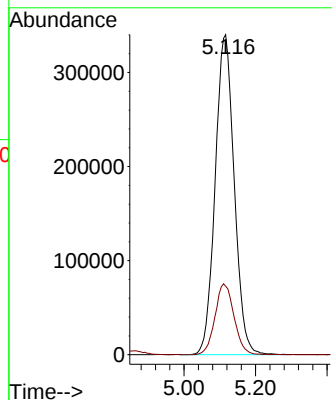
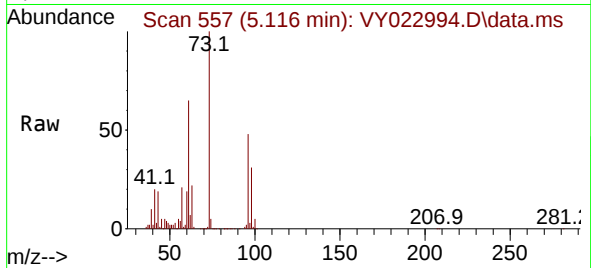
VSTDICC100

Tgt Ion: 73 Resp: 1256898

Ion Ratio Lower Upper

73 100

57 21.4 17.4 26.2



#20

Methylene Chloride

Concen: 100.432 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Tgt Ion: 84 Resp: 565355

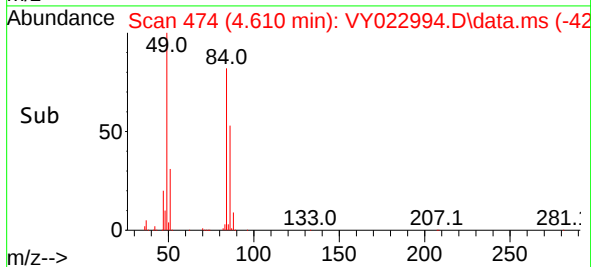
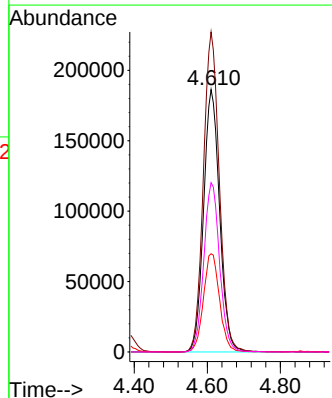
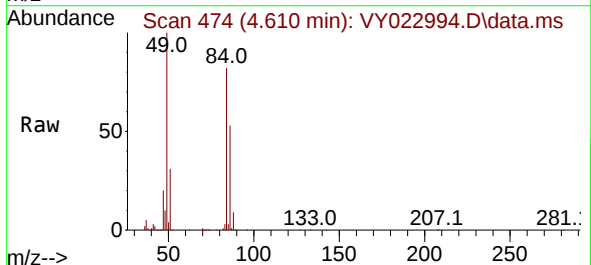
Ion Ratio Lower Upper

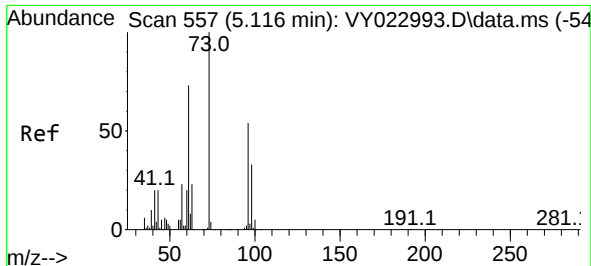
84 100

49 121.9 98.2 147.4

51 37.5 30.5 45.7

86 64.5 51.3 76.9

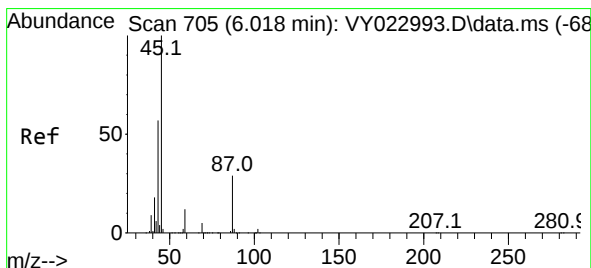
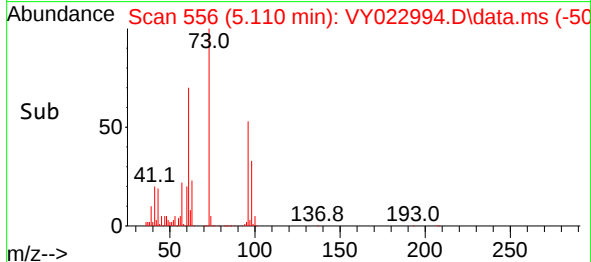
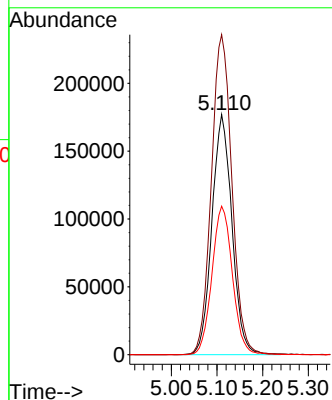
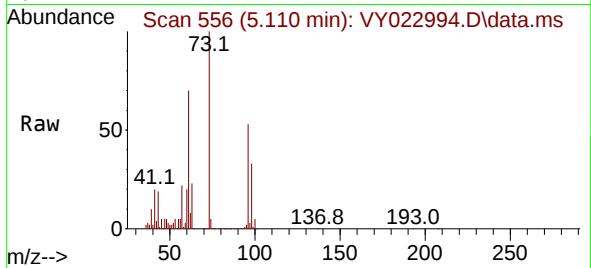




#21
trans-1,2-Dichloroethene
Concen: 95.878 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

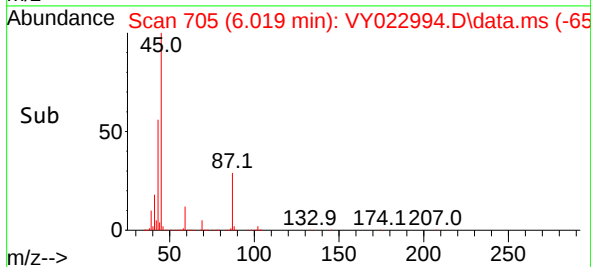
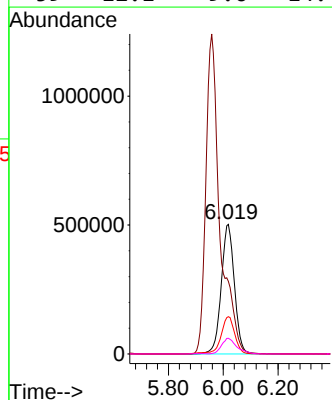
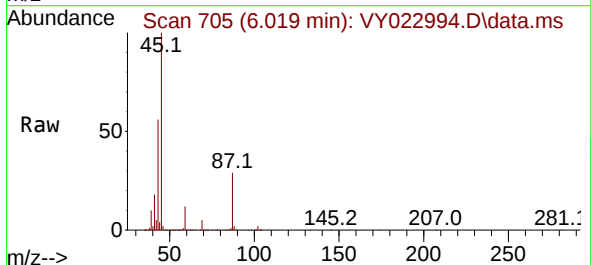
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

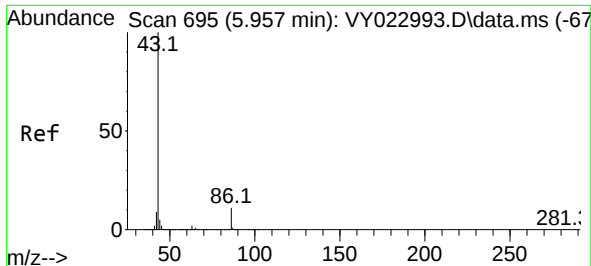
Tgt Ion: 96 Resp: 539769
Ion Ratio Lower Upper
96 100
61 133.2 107.4 161.2
98 61.8 49.3 73.9



#22
Diisopropyl ether
Concen: 102.426 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 45 Resp: 1674257
Ion Ratio Lower Upper
45 100
43 56.0 45.3 67.9
87 28.8 23.3 34.9
59 12.1 9.6 14.4

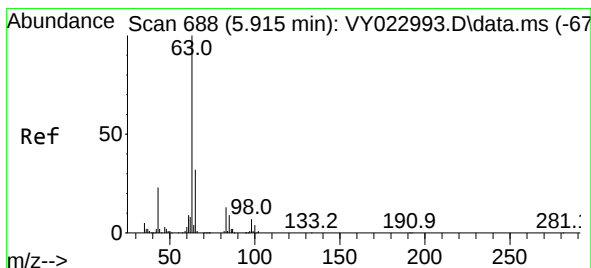
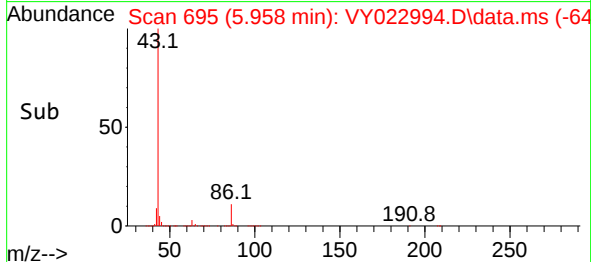
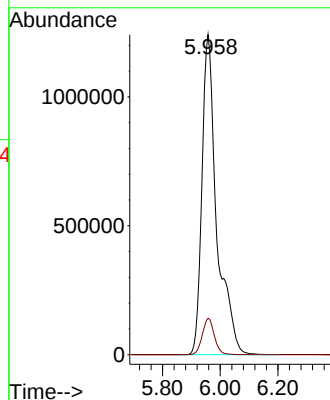
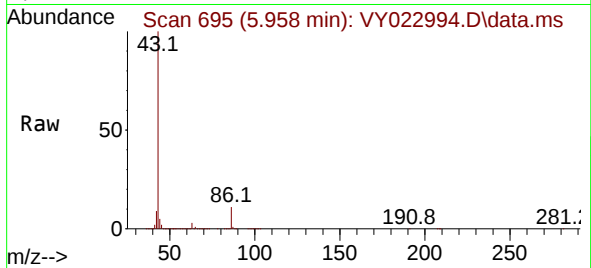




#23
 Vinyl Acetate
 Concen: 536.099 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

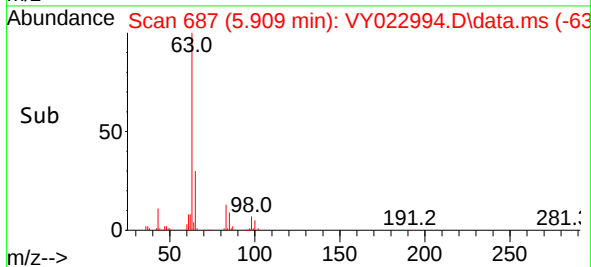
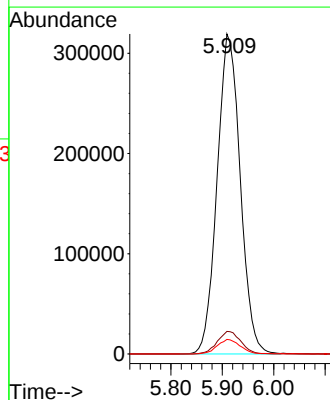
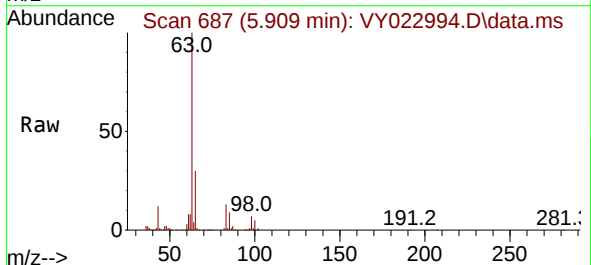
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

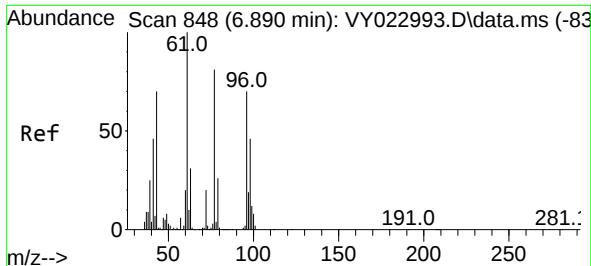
Tgt Ion: 43 Resp: 4415435
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 97.216 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

Tgt Ion: 63 Resp: 998111
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.1 6.2

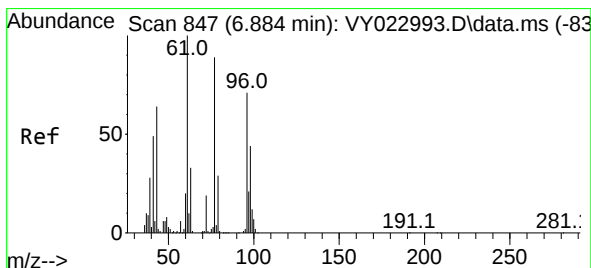
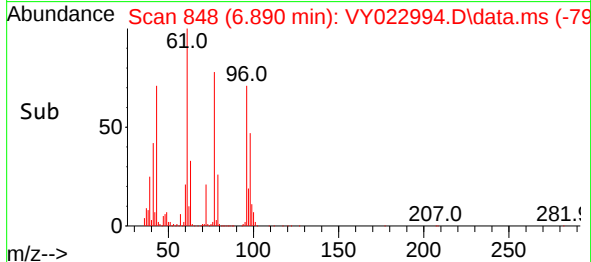
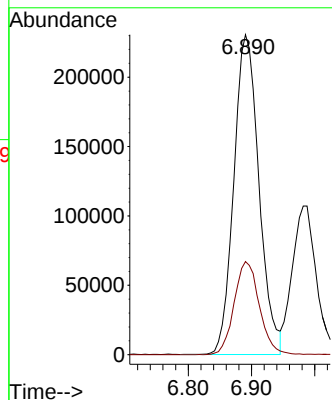
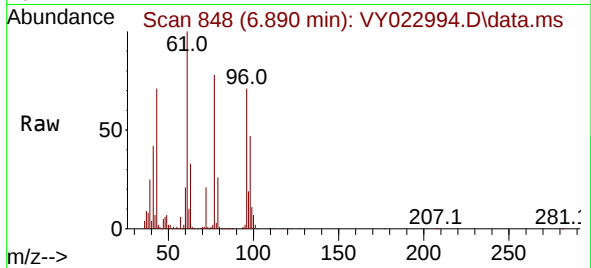




#25
2-Butanone
Concen: 508.682 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

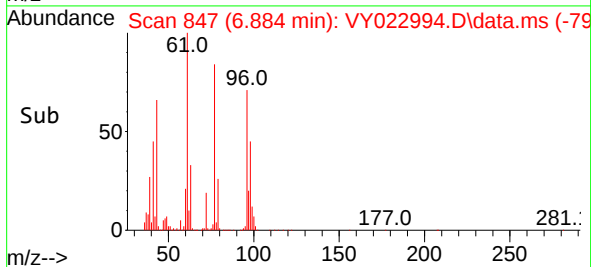
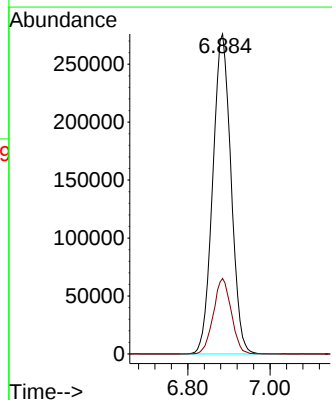
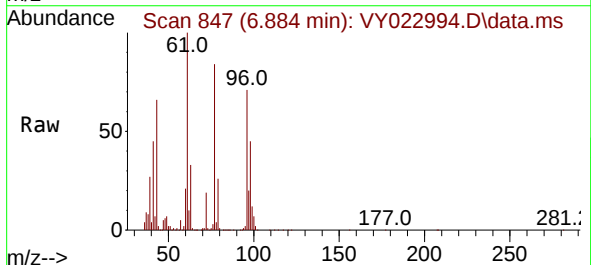
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

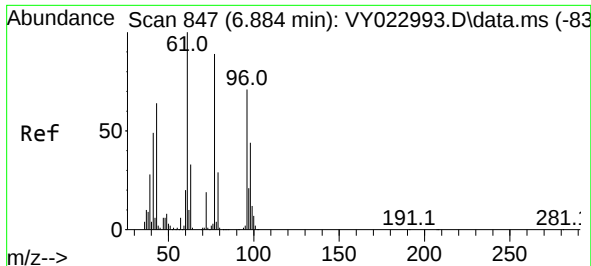
Tgt Ion: 43 Resp: 637358
Ion Ratio Lower Upper
43 100
72 29.1 22.9 34.3



#26
2,2-Dichloropropane
Concen: 94.504 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 77 Resp: 850357
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 99.748 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

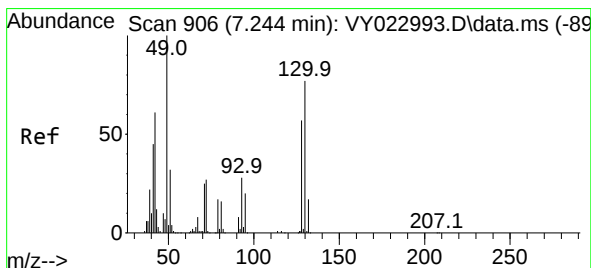
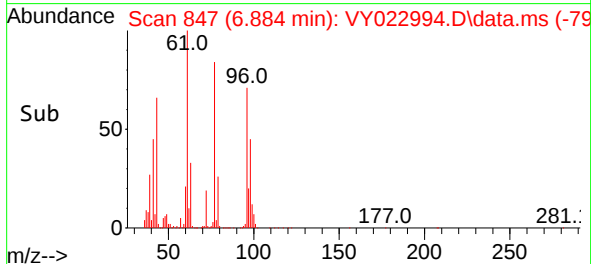
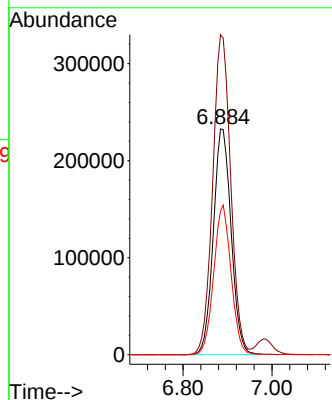
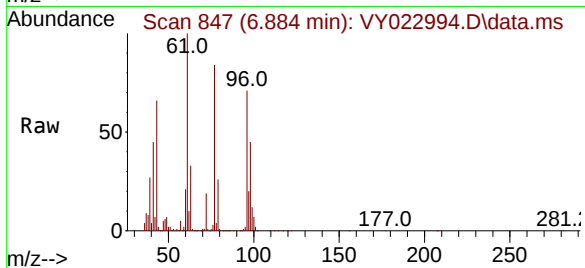
Tgt Ion: 96 Resp: 647185

Ion Ratio Lower Upper

96 100

61 143.5 0.0 286.2

98 64.5 0.0 127.4



#28

Bromochloromethane

Concen: 101.639 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

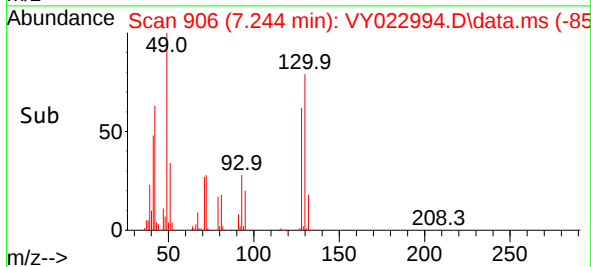
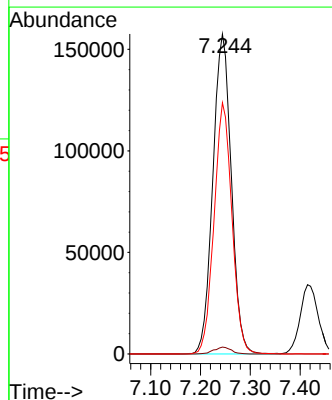
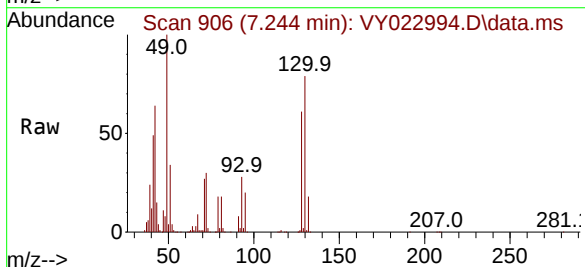
Tgt Ion: 49 Resp: 404739

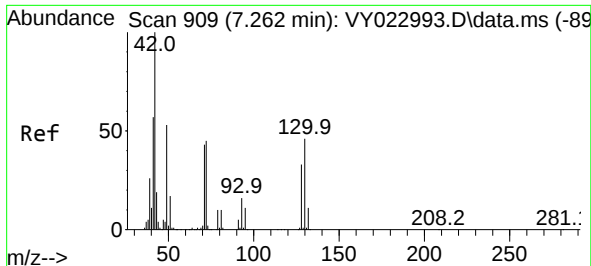
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 76.3 61.8 92.8





#29

Tetrahydrofuran

Concen: 529.354 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

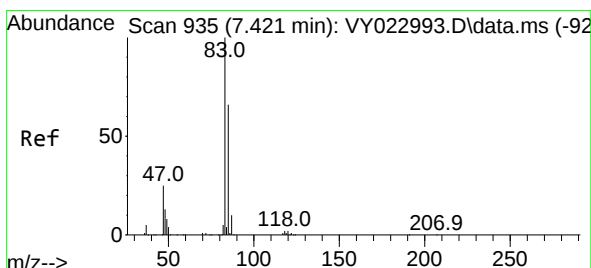
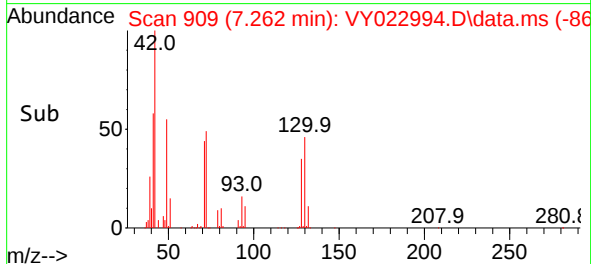
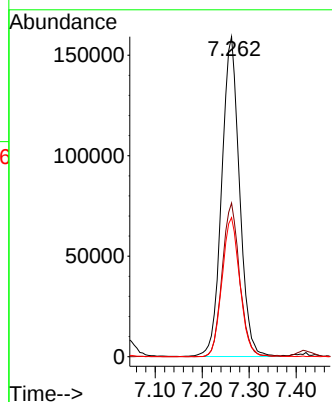
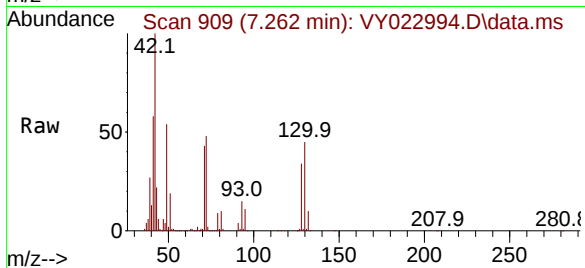
Tgt Ion: 42 Resp: 419926

Ion Ratio Lower Upper

42 100

72 47.1 37.5 56.3

71 43.6 34.2 51.4



#30

Chloroform

Concen: 98.332 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022994.D

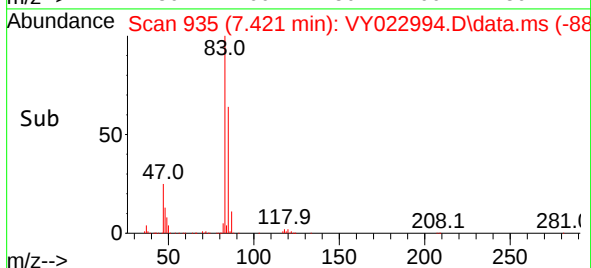
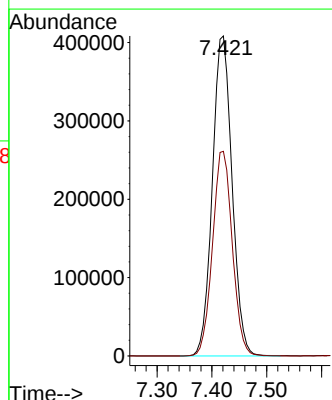
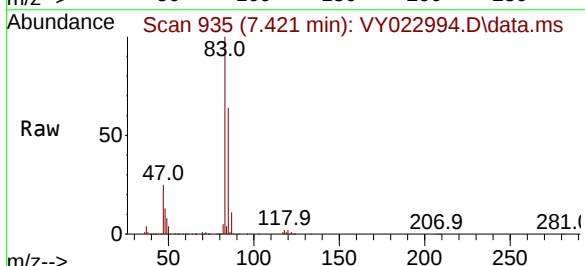
Acq: 18 Jul 2025 12:27

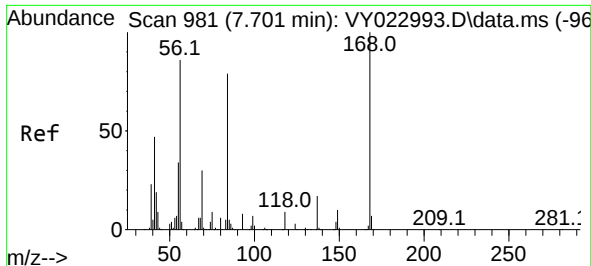
Tgt Ion: 83 Resp: 1018437

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8

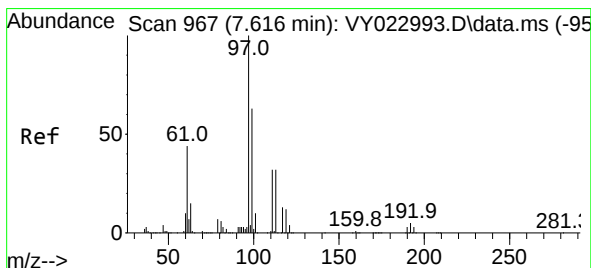
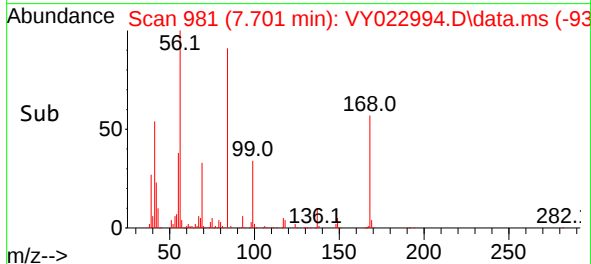
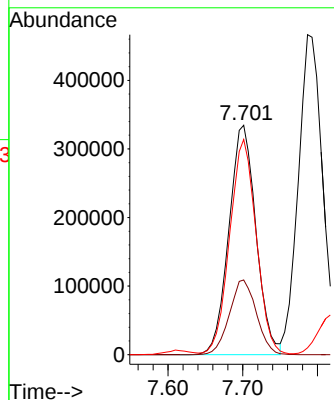
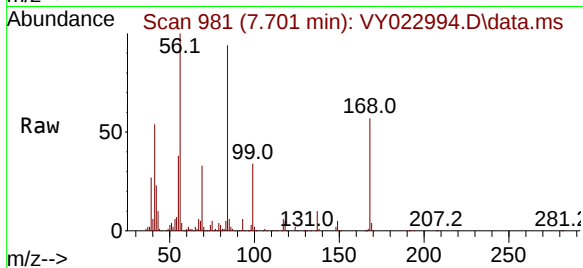




#31
Cyclohexane
Concen: 88.057 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

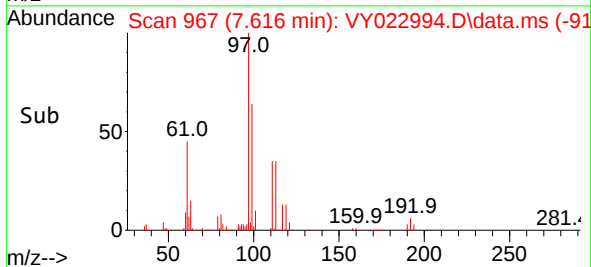
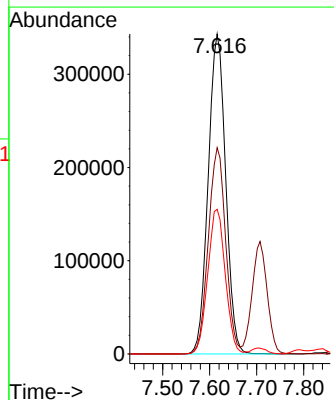
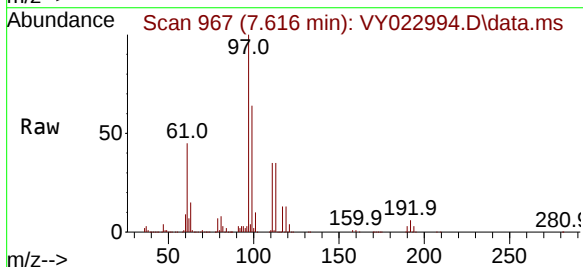
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

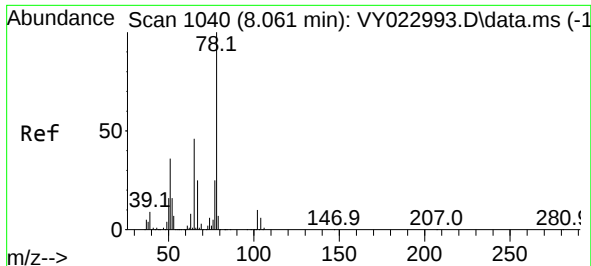
Tgt Ion: 56 Resp: 844759
Ion Ratio Lower Upper
56 100
69 32.5 28.1 42.1
84 92.2 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 94.120 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 97 Resp: 884489
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 45.5 36.1 54.1

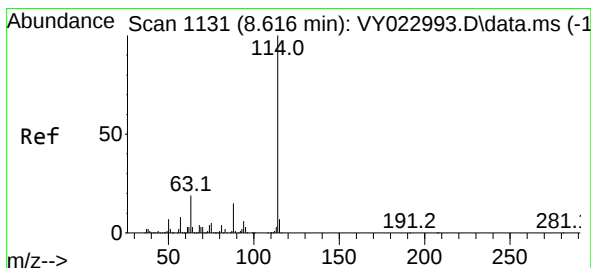
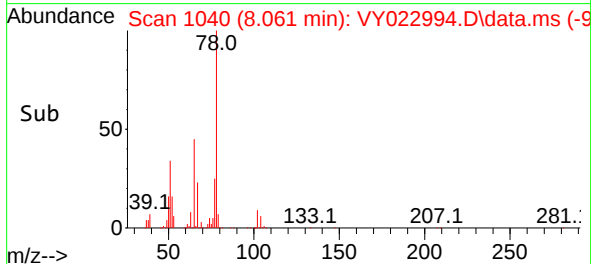
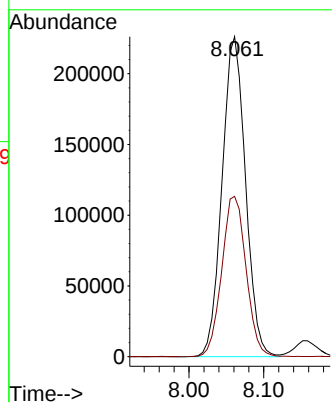
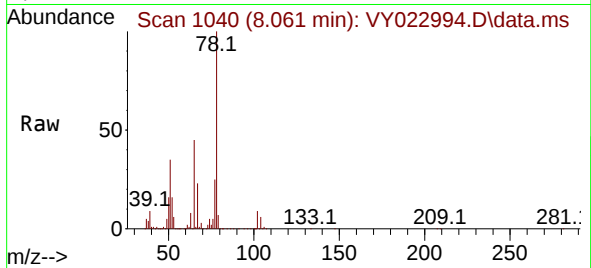




#33
 1,2-Dichloroethane-d4
 Concen: 102.513 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

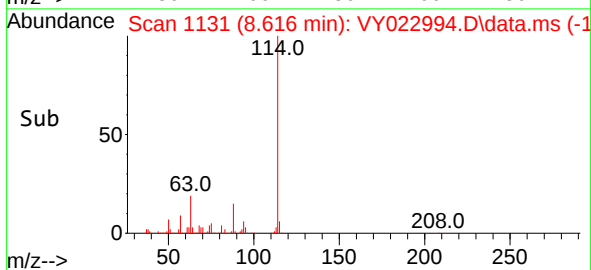
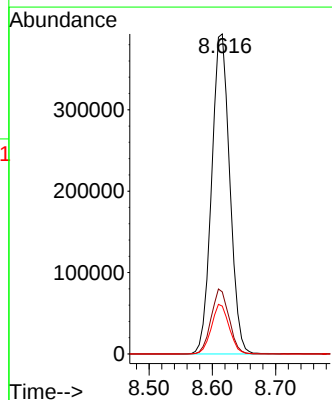
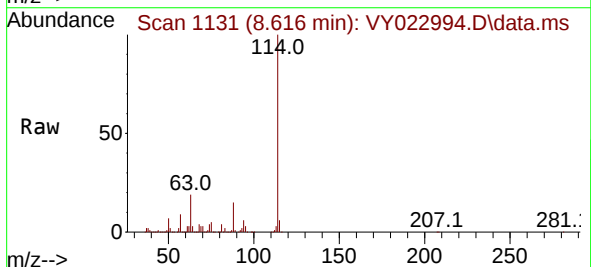
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

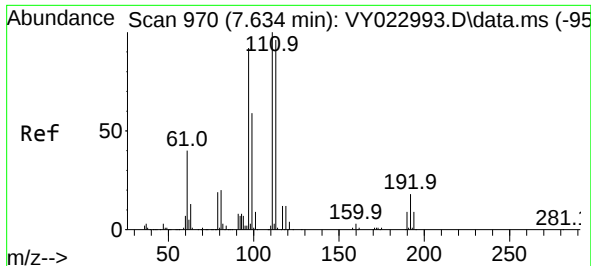
Tgt Ion: 65 Resp: 493933
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

Tgt Ion: 114 Resp: 780876
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.0 0.0 30.2

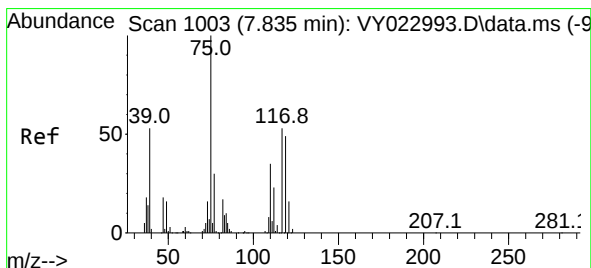
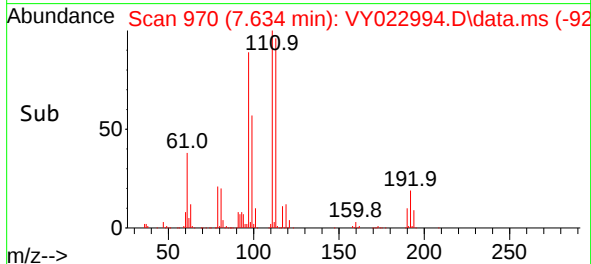
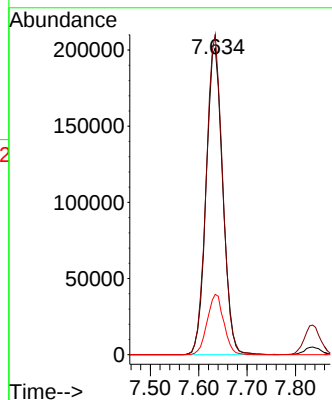
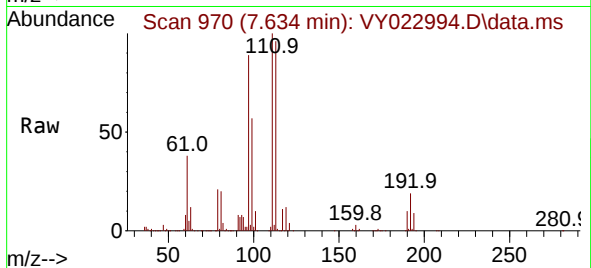




#35
Dibromofluoromethane
Concen: 97.440 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

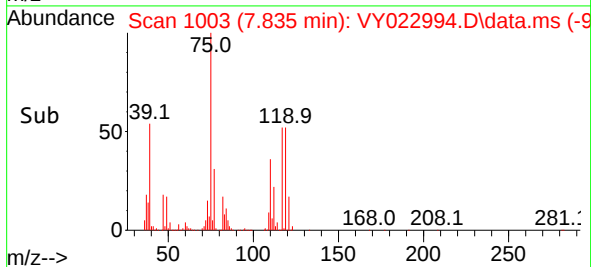
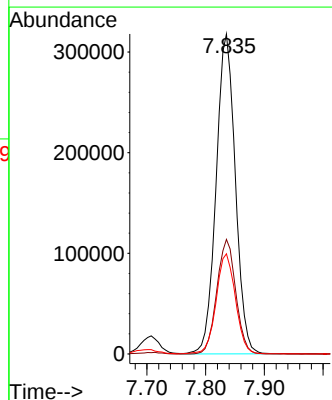
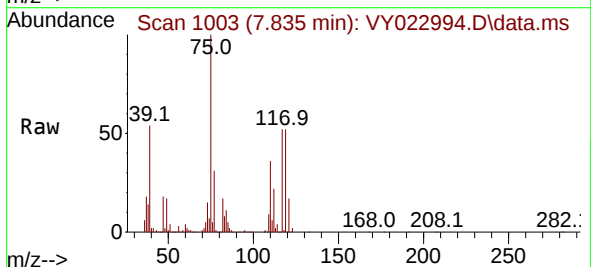
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

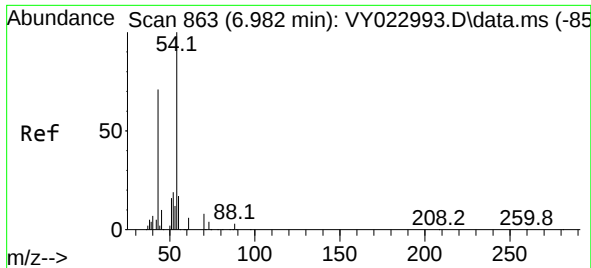
Tgt Ion:113 Resp: 482657
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 92.565 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 75 Resp: 722234
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.9
77 31.4 24.6 37.0

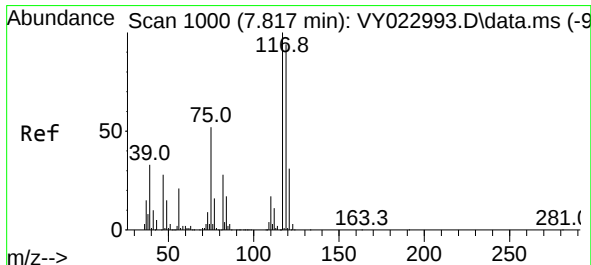
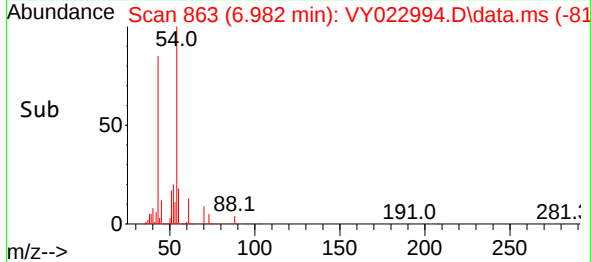
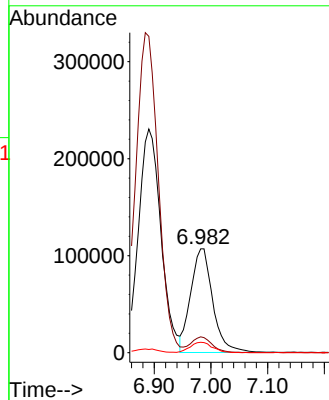
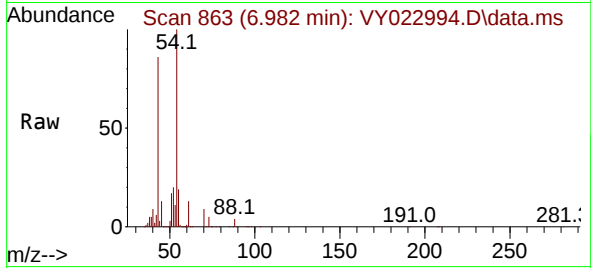




#37
Ethyl Acetate
Concen: 99.541 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

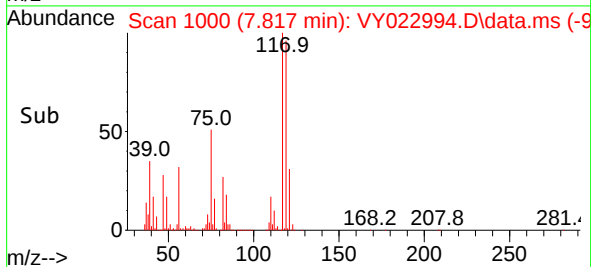
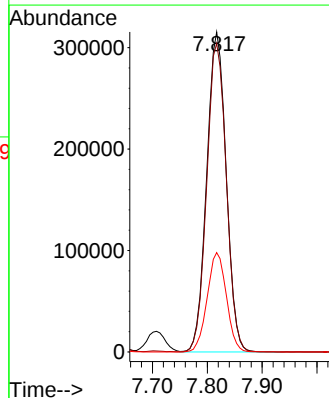
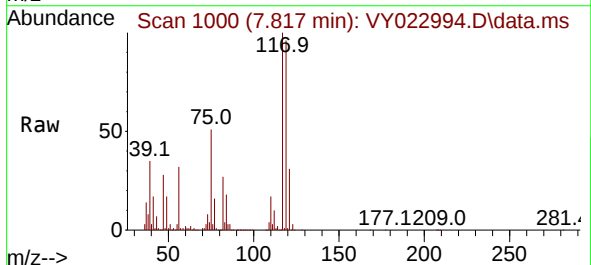
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

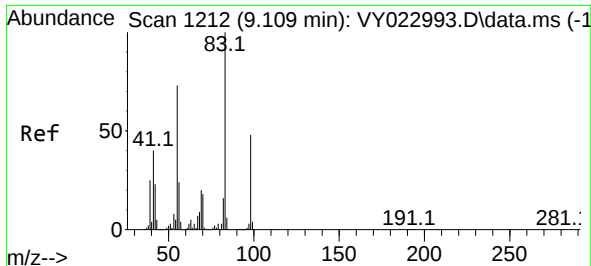
Tgt Ion: 43 Resp: 288448
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 10.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 91.791 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 117 Resp: 778082
Ion Ratio Lower Upper
117 100
119 96.4 74.9 112.3
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 93.389 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

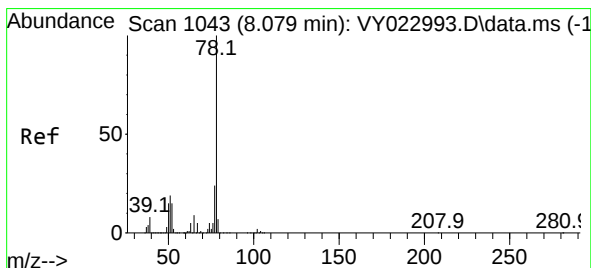
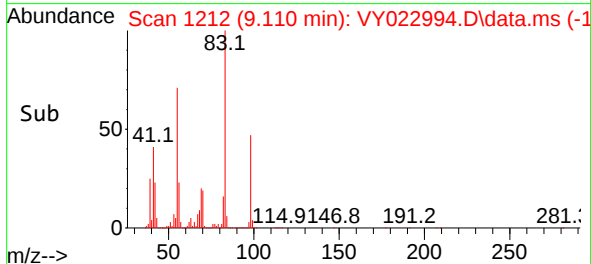
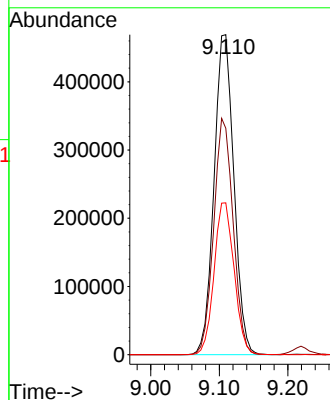
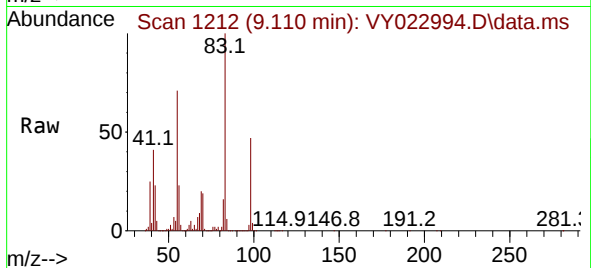
Tgt Ion: 83 Resp: 943130

Ion Ratio Lower Upper

83 100

55 70.7 58.1 87.1

98 47.4 38.5 57.7



#40

Benzene

Concen: 96.608 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022994.D

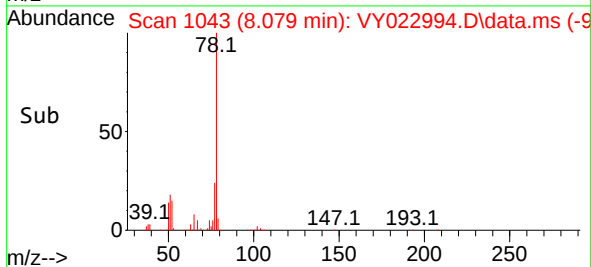
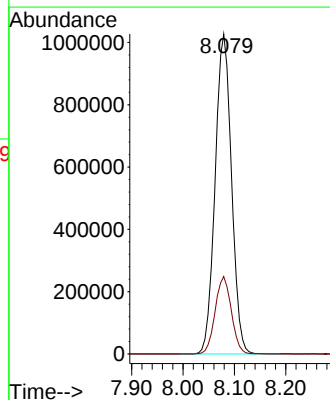
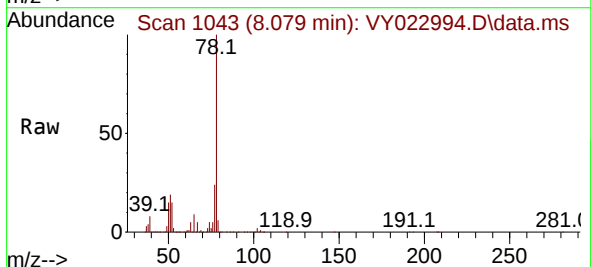
Acq: 18 Jul 2025 12:27

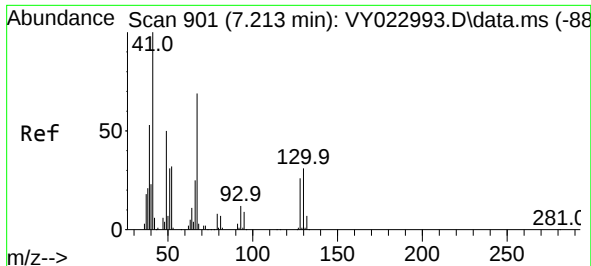
Tgt Ion: 78 Resp: 2269537

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



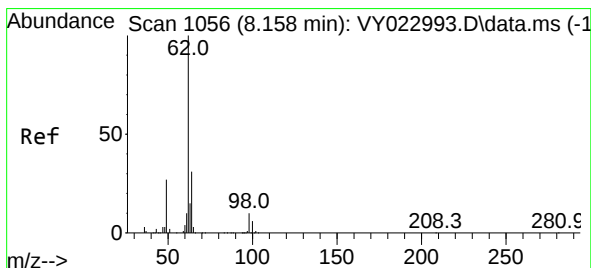
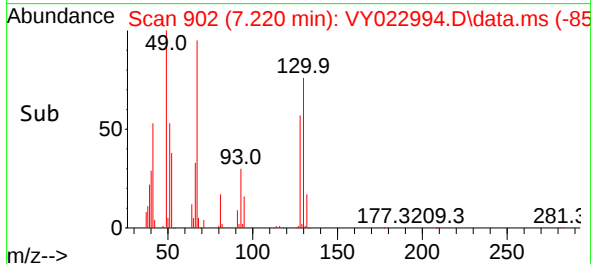
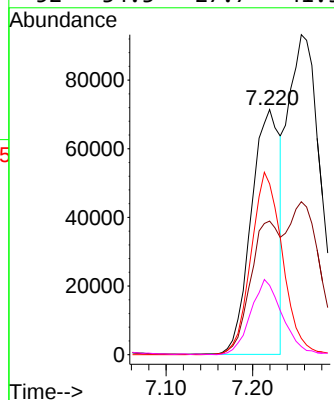
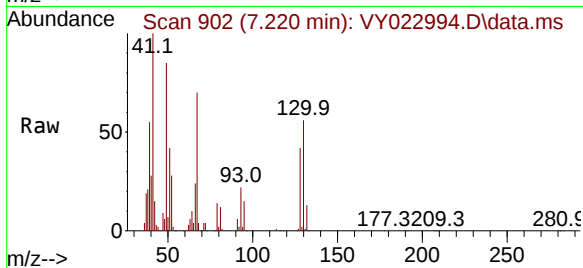


#41
Methacrylonitrile
Concen: 107.489 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 164406

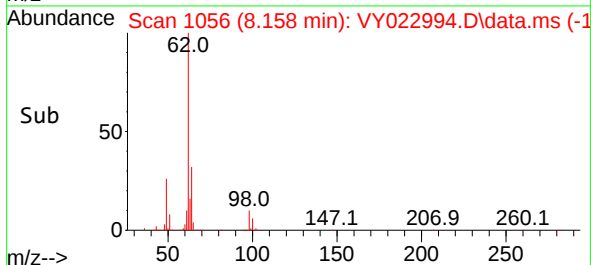
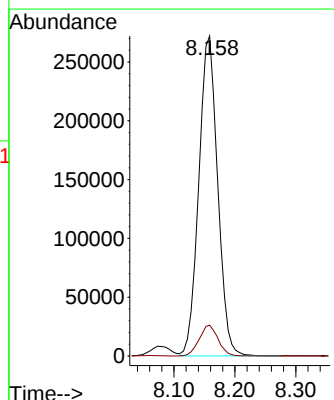
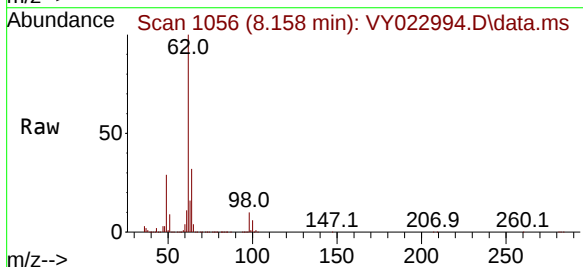
Ion	Ratio	Lower	Upper
41	100		
39	55.5	50.0	75.0
67	81.6	65.4	98.2
52	34.3	27.7	41.5

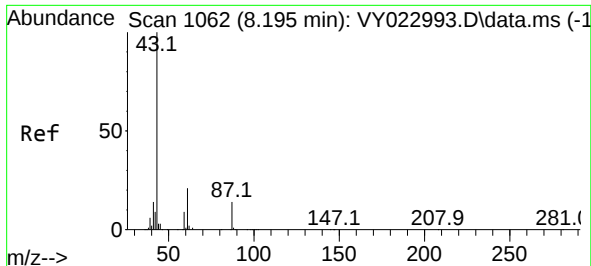


#42
1,2-Dichloroethane
Concen: 100.148 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 62 Resp: 585330

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0

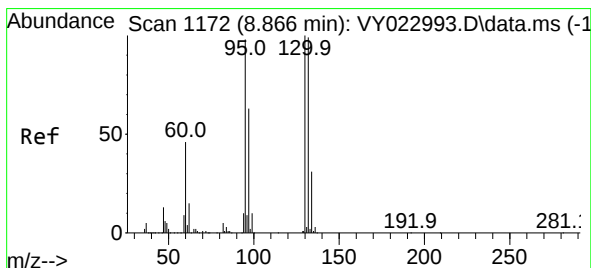
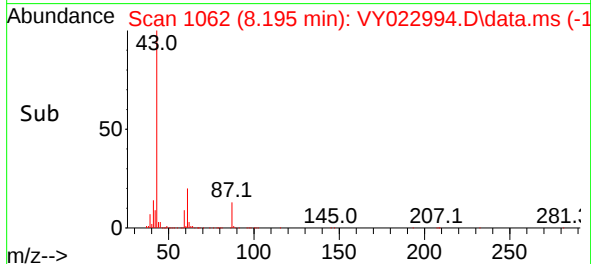
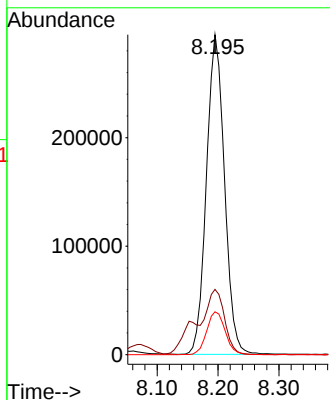
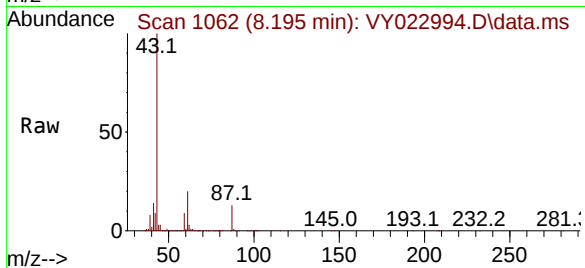




#43
Isopropyl Acetate
Concen: 105.586 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

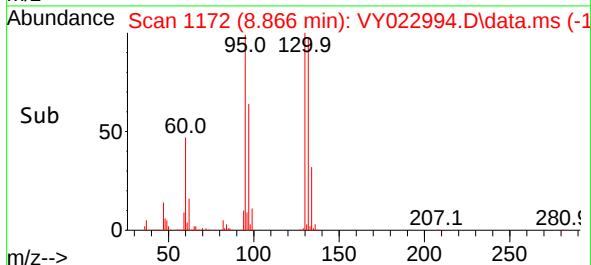
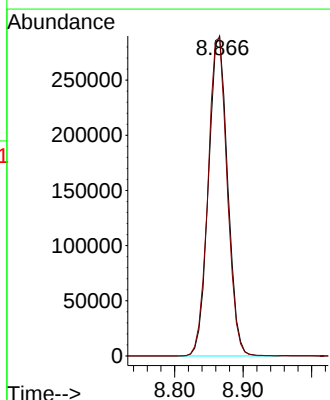
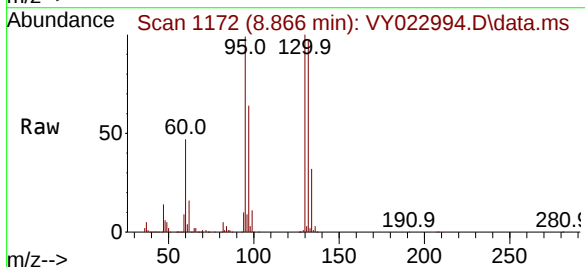
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

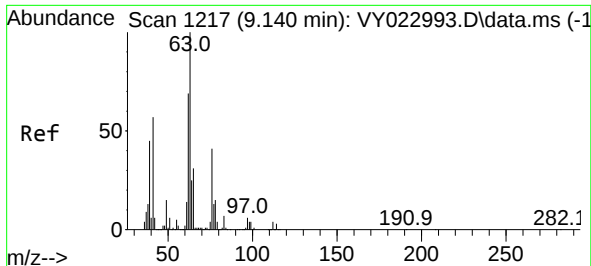
Tgt Ion: 43 Resp: 607757
Ion Ratio Lower Upper
43 100
61 20.5 25.0 37.4#
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 93.331 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion:130 Resp: 563155
Ion Ratio Lower Upper
130 100
95 99.4 0.0 195.8





#45

1,2-Dichloropropane

Concen: 97.337 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

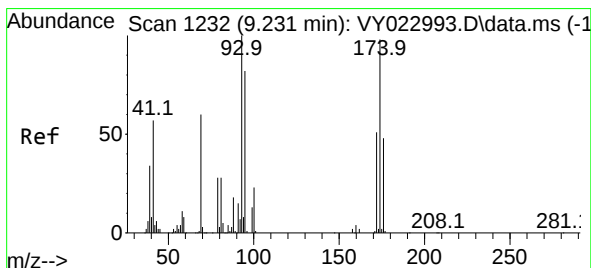
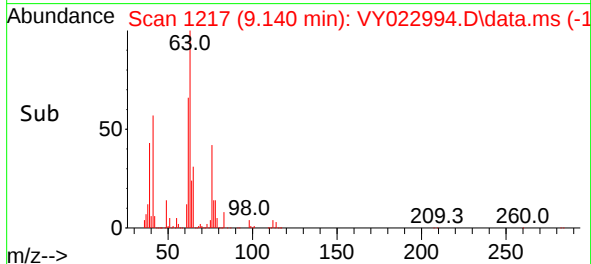
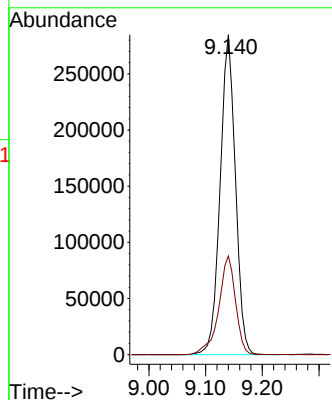
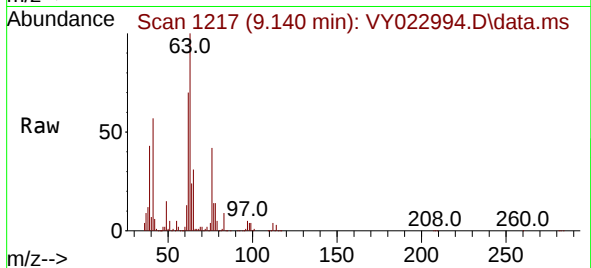
VSTDIC100

Tgt Ion: 63 Resp: 533997

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 100.232 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

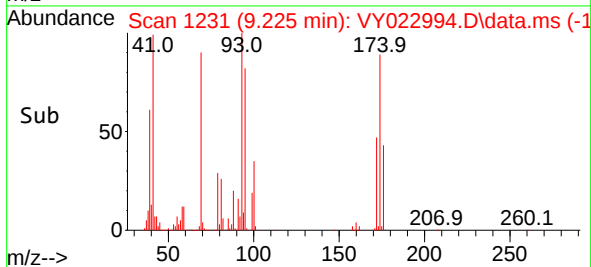
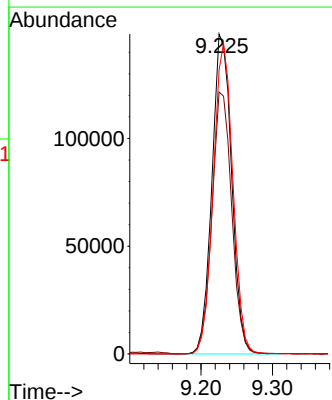
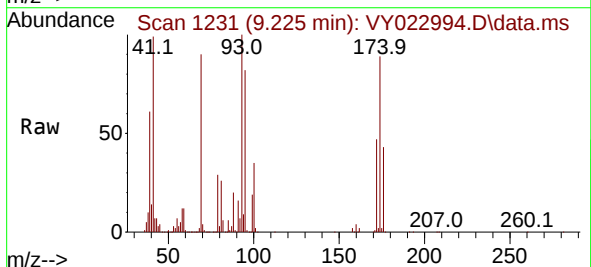
Tgt Ion: 93 Resp: 284227

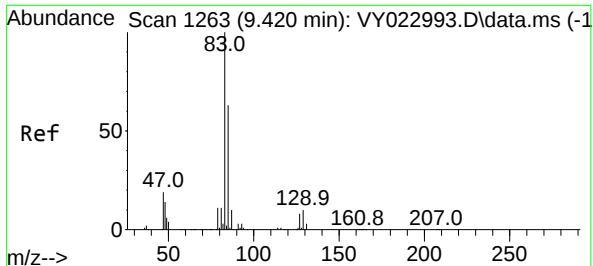
Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

174 96.9 76.4 114.6

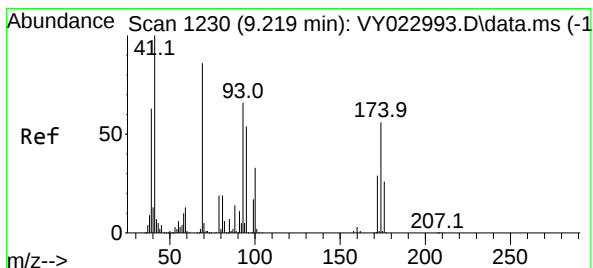
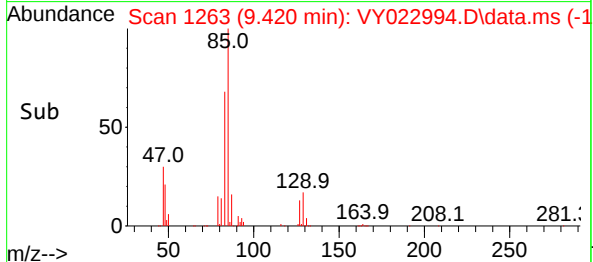
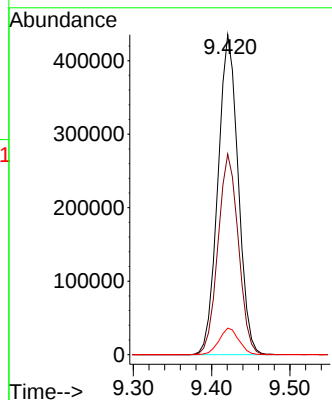
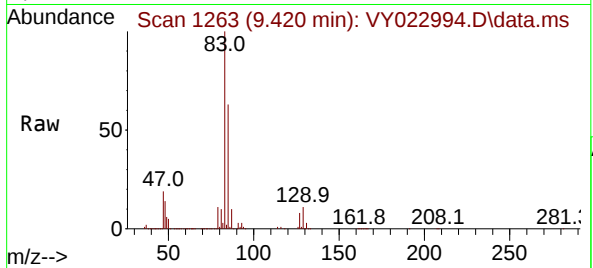




#47
Bromodichloromethane
Concen: 99.747 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

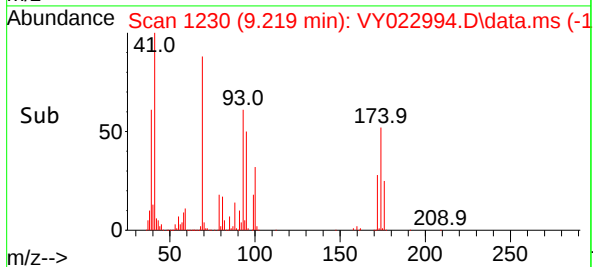
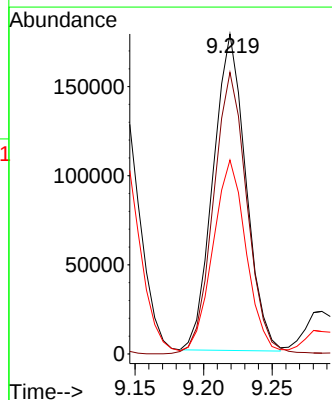
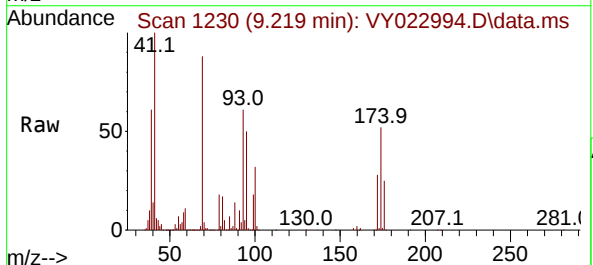
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

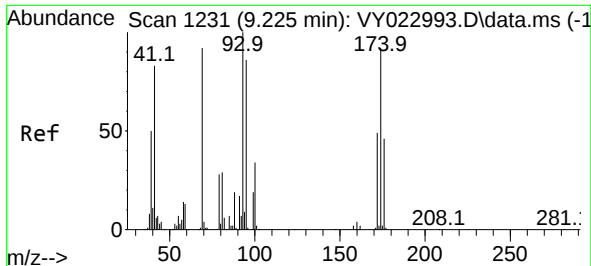
Tgt Ion: 83 Resp: 781857
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 106.166 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 41 Resp: 295029
Ion Ratio Lower Upper
41 100
69 91.2 71.4 107.0
39 60.5 47.8 71.8





#49

1,4-Dioxane

Concen: 2181.786 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

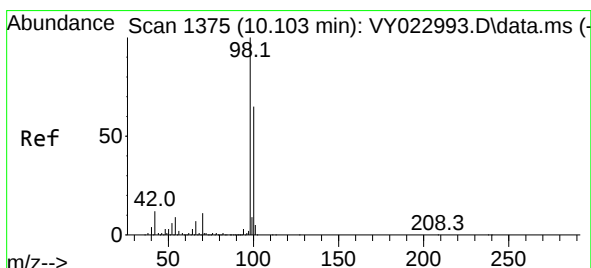
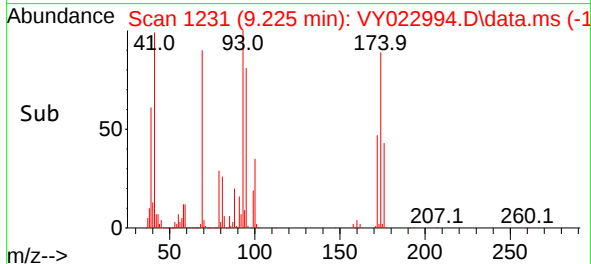
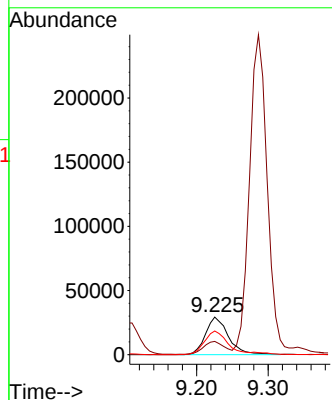
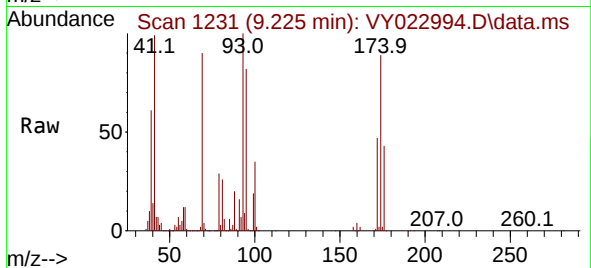
Tgt Ion: 88 Resp: 65215

Ion Ratio Lower Upper

88 100

43 31.9 28.7 43.1

58 68.7 59.8 89.6



#50

Toluene-d8

Concen: 97.264 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022994.D

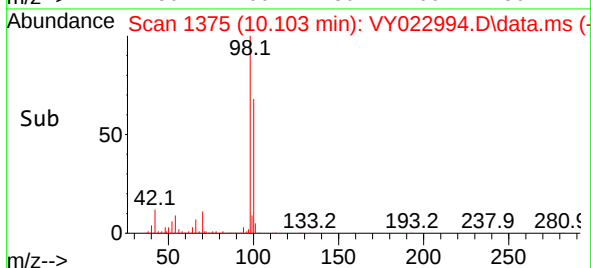
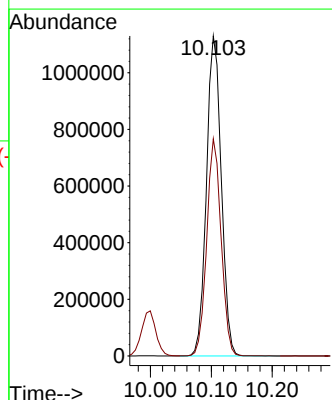
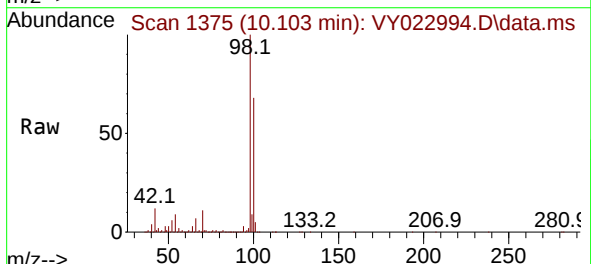
Acq: 18 Jul 2025 12:27

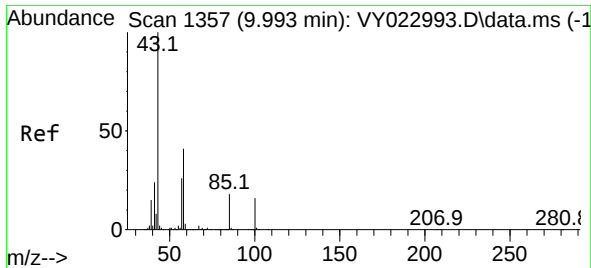
Tgt Ion: 98 Resp: 1910579

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2

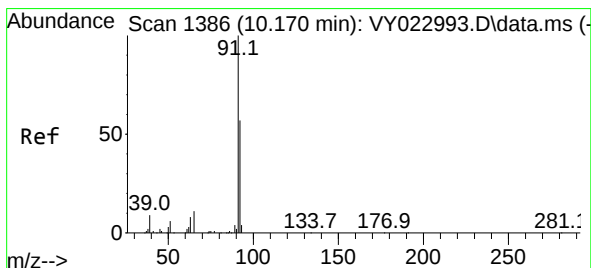
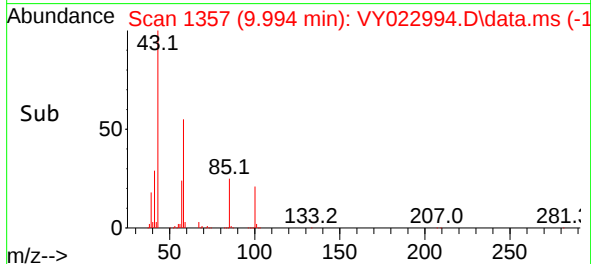
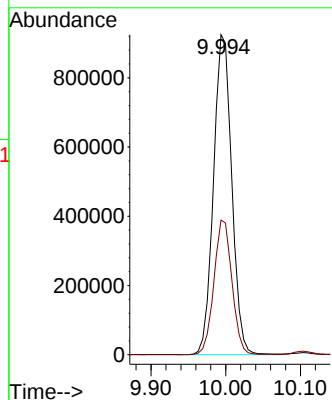
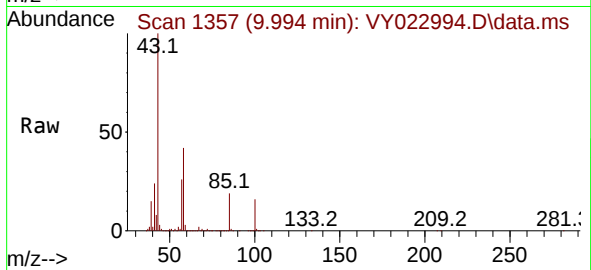




#51
4-Methyl-2-Pentanone
Concen: 535.675 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

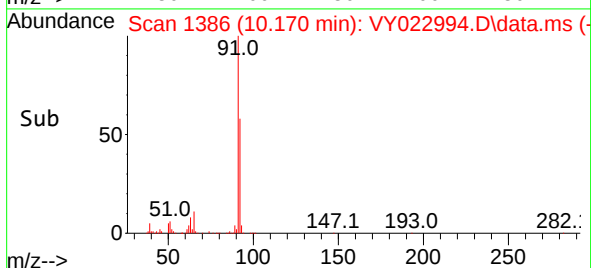
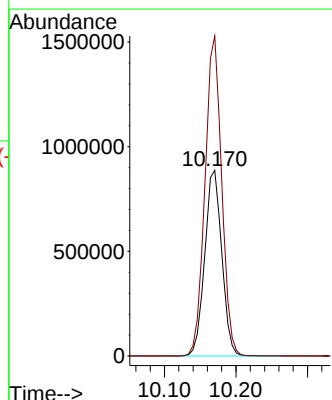
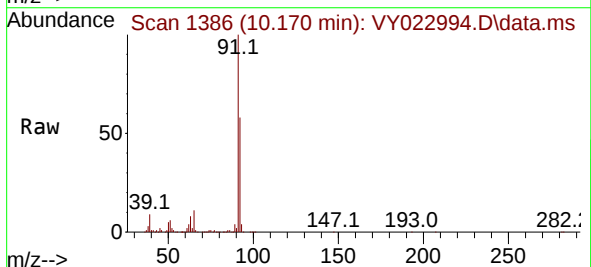
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

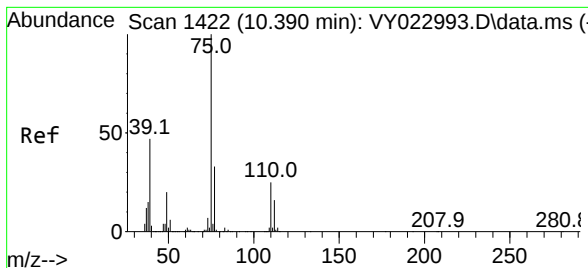
Tgt Ion: 43 Resp: 1565020
Ion Ratio Lower Upper
43 100
58 41.7 32.5 48.7



#52
Toluene
Concen: 100.411 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 92 Resp: 1466593
Ion Ratio Lower Upper
92 100
91 169.2 137.8 206.6

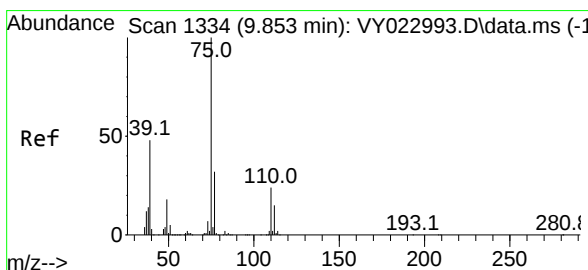
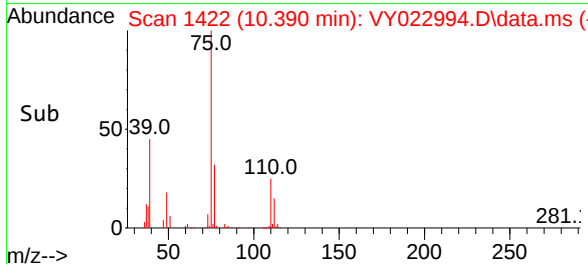
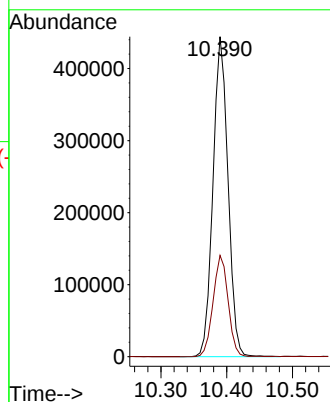
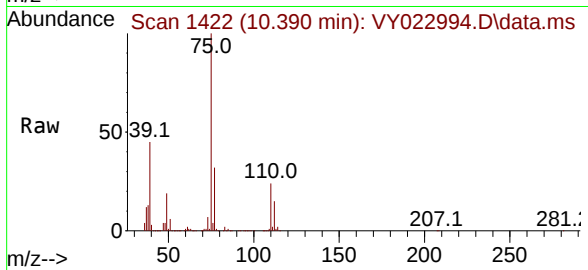




#53
t-1,3-Dichloropropene
Concen: 104.909 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

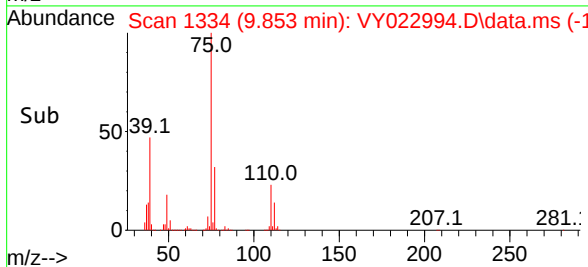
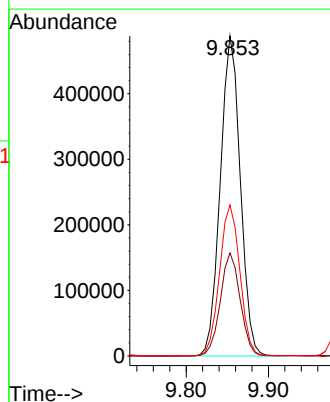
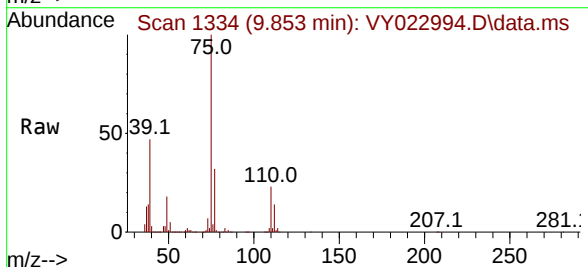
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

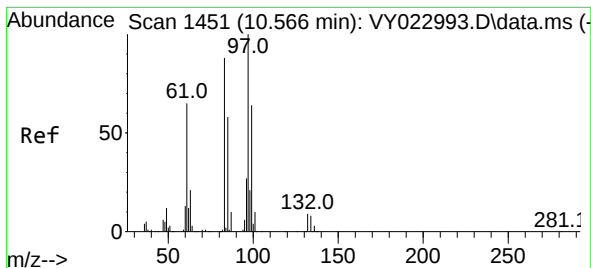
Tgt Ion: 75 Resp: 705883
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 101.731 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 75 Resp: 825037
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 47.2 38.2 57.2



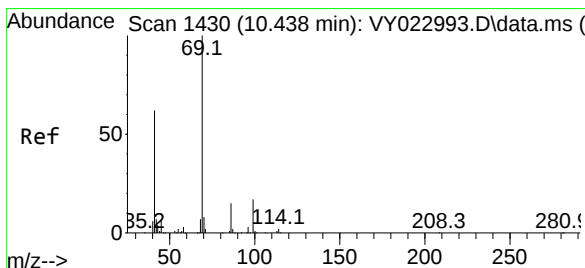
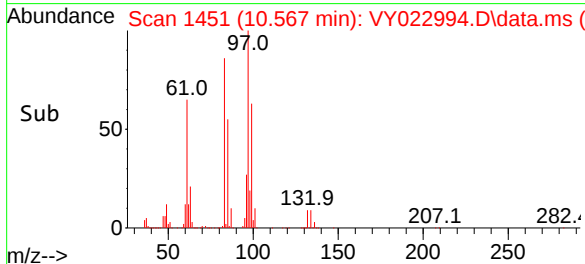
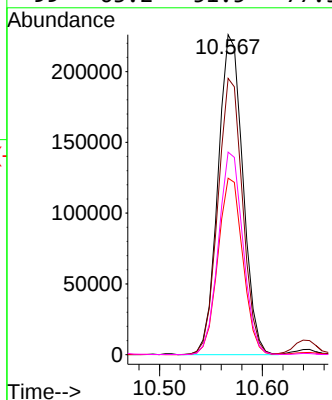
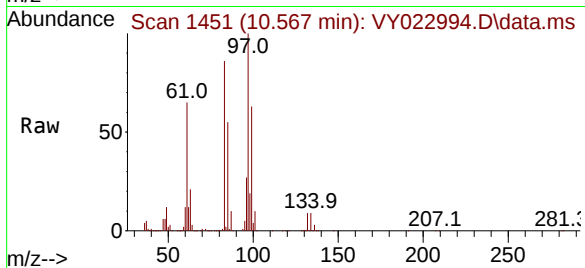


#55
1,1,2-Trichloroethane
Concen: 101.863 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 379653

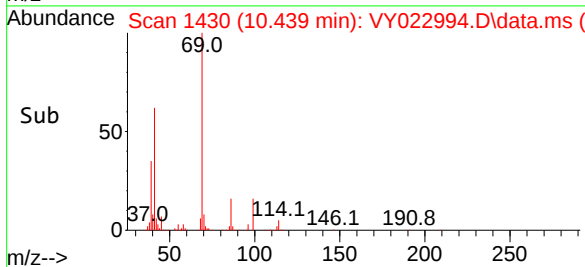
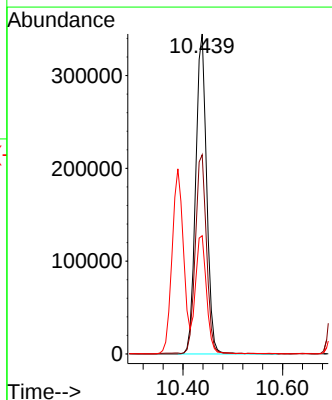
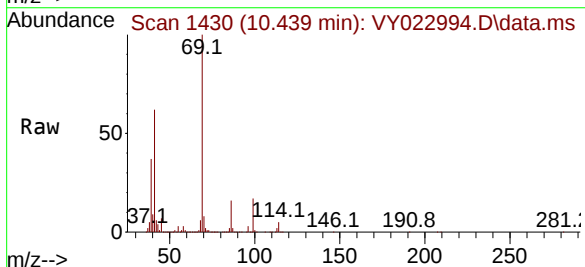
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	55.2	46.2	69.2
99	63.2	51.5	77.3

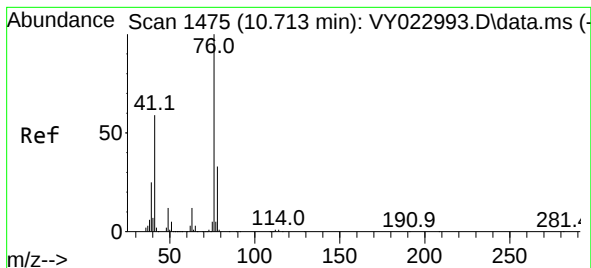


#56
Ethyl methacrylate
Concen: 112.902 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 69 Resp: 525284

Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.0	76.4
39	37.1	30.6	46.0





#57

1,3-Dichloropropane

Concen: 102.392 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

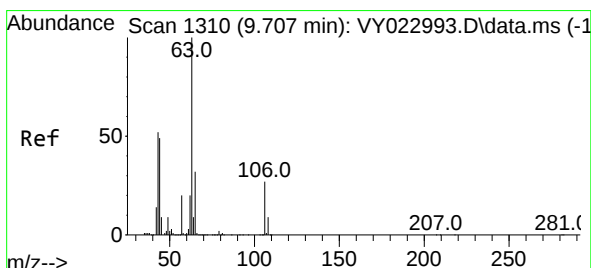
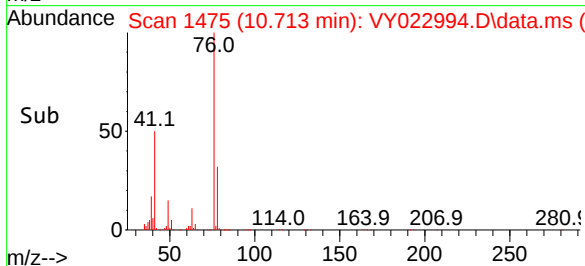
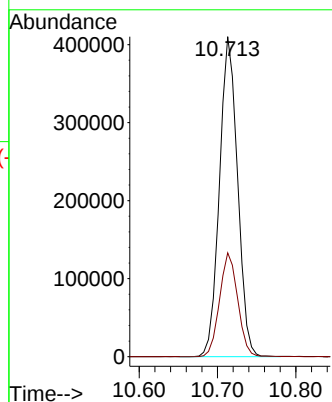
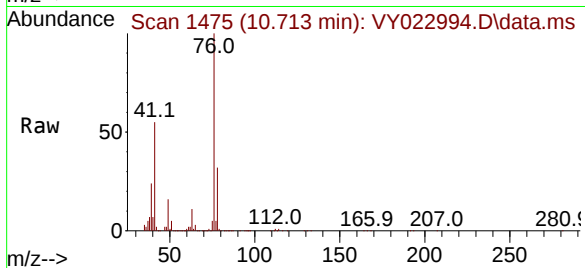
VSTDIC100

Tgt Ion: 76 Resp: 659240

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 570.401 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022994.D

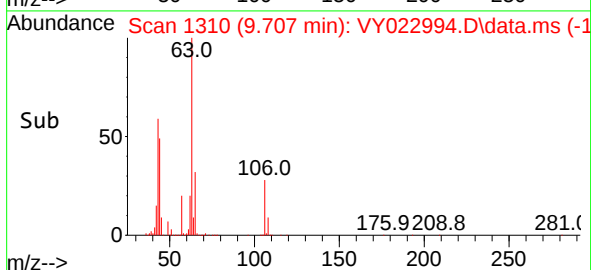
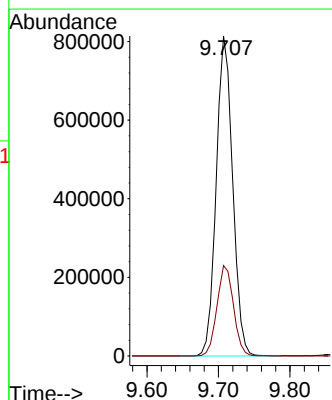
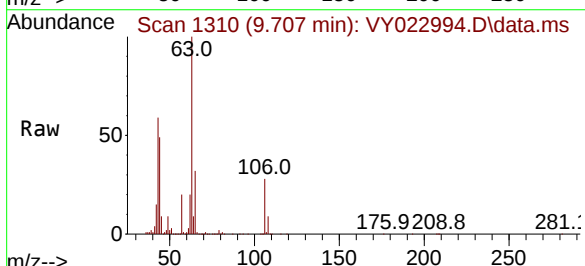
Acq: 18 Jul 2025 12:27

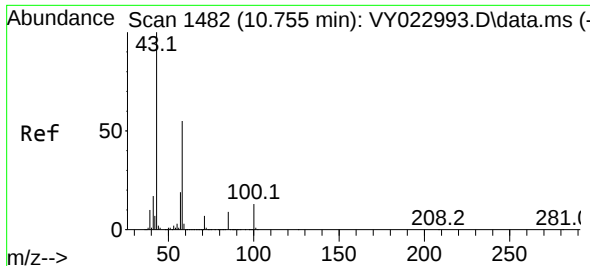
Tgt Ion: 63 Resp: 1299087

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8

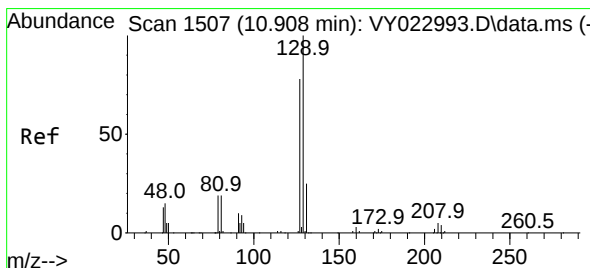
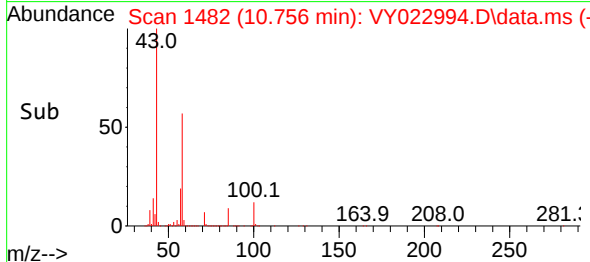
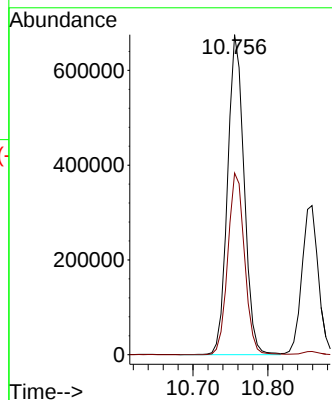
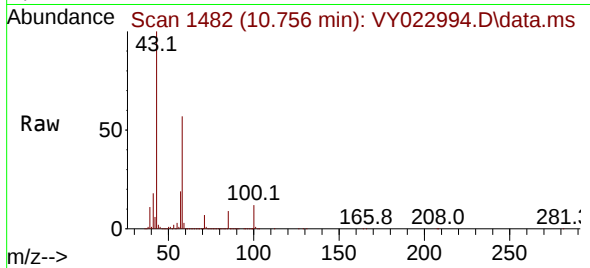




#59
2-Hexanone
Concen: 539.710 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

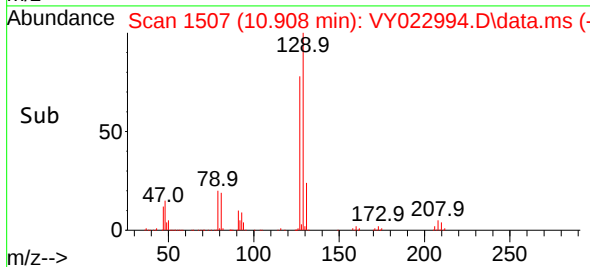
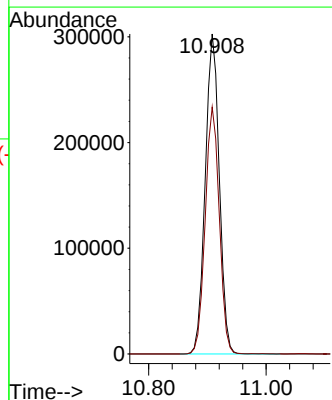
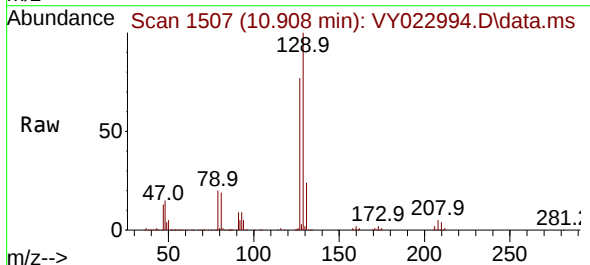
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

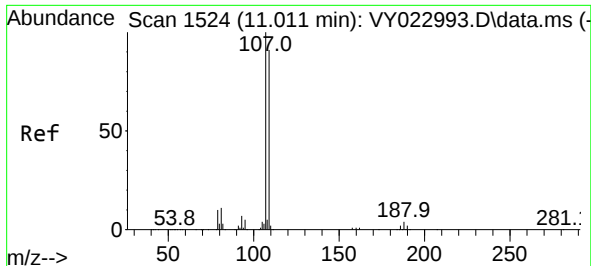
Tgt Ion: 43 Resp: 1036463
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3



#60
Dibromochloromethane
Concen: 102.935 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 129 Resp: 502369
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

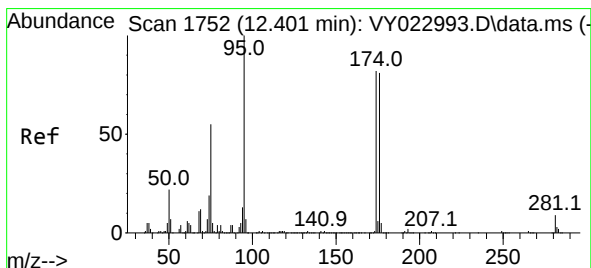
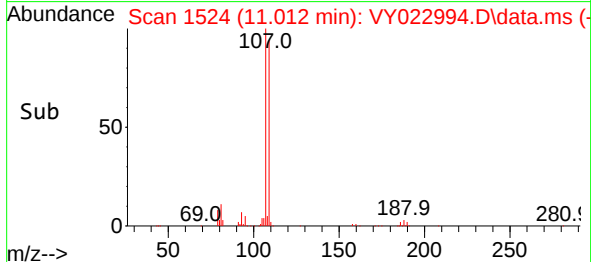
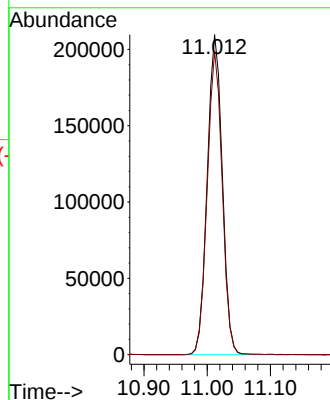
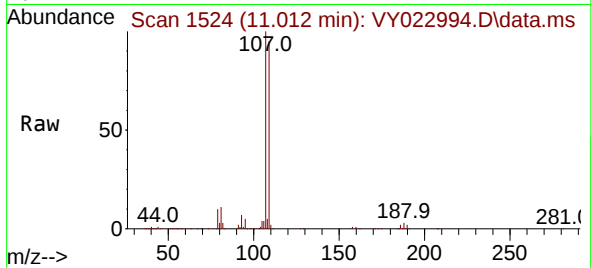




#61
1,2-Dibromoethane
Concen: 102.869 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

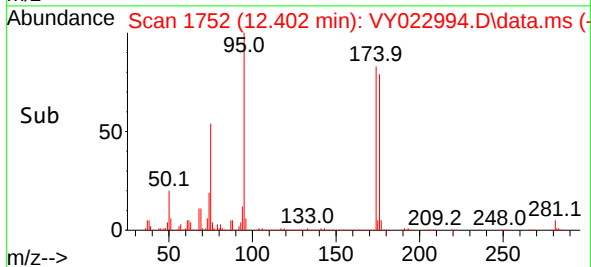
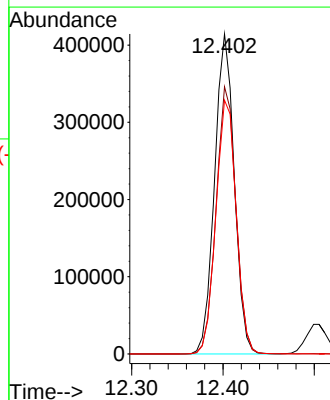
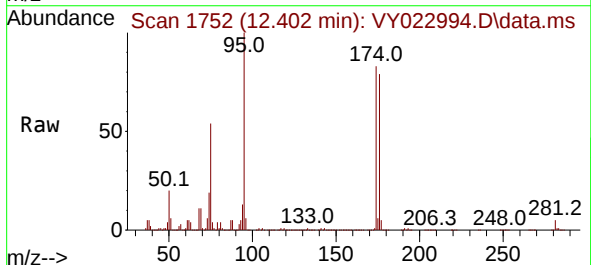
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

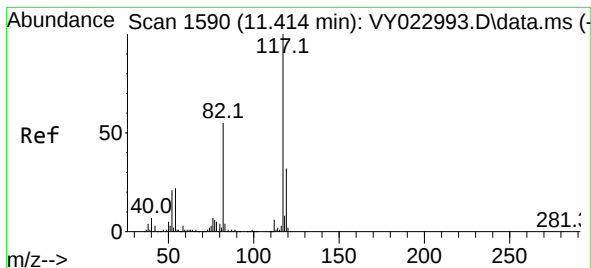
Tgt Ion:107 Resp: 348166
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 100.465 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 95 Resp: 621212
Ion Ratio Lower Upper
95 100
174 84.0 0.0 170.8
176 81.8 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

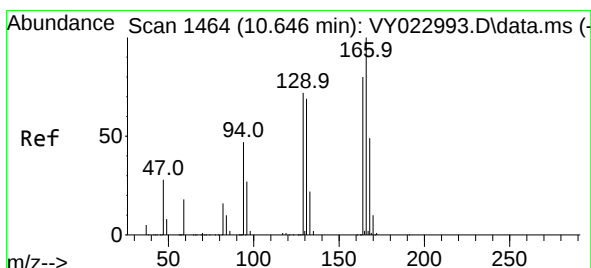
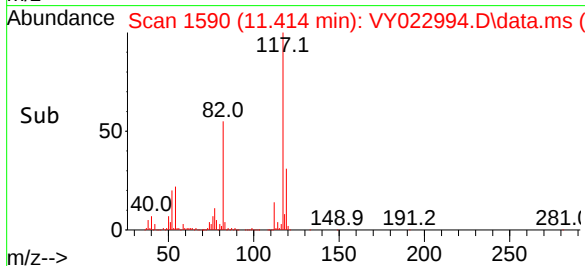
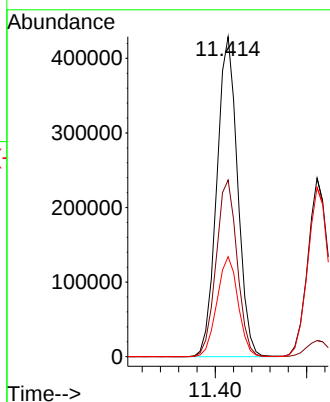
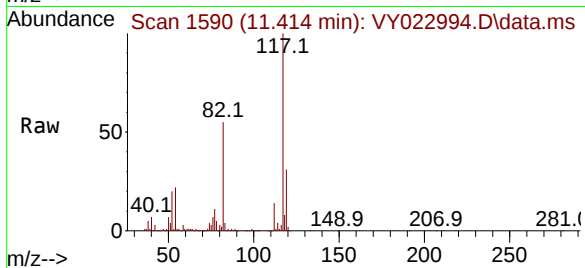
Tgt Ion:117 Resp: 678532

Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

119 31.2 25.8 38.8



#64

Tetrachloroethene

Concen: 92.667 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Tgt Ion:164 Resp: 642694

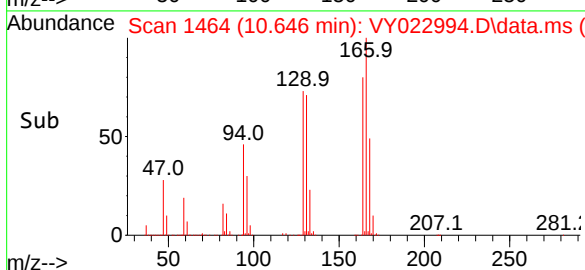
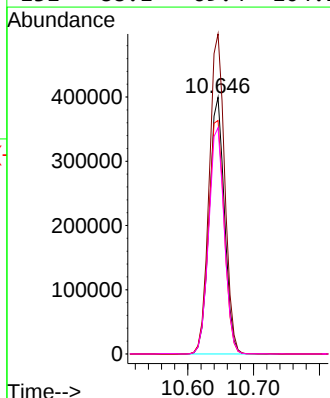
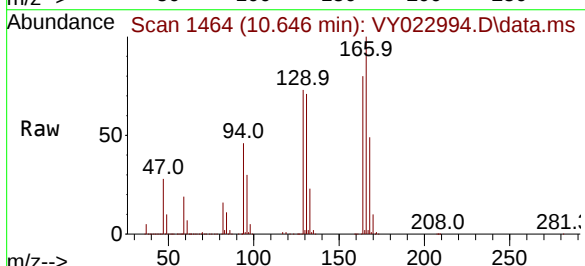
Ion Ratio Lower Upper

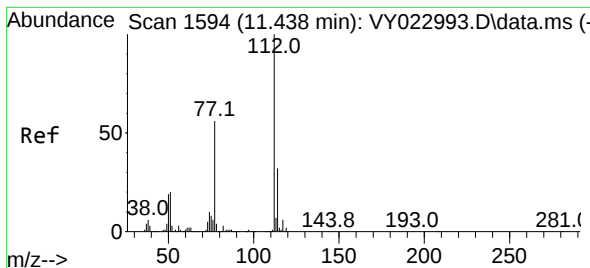
164 100

166 124.7 100.2 150.2

129 91.0 71.7 107.5

131 88.1 69.4 104.2





#65

Chlorobenzene

Concen: 97.021 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

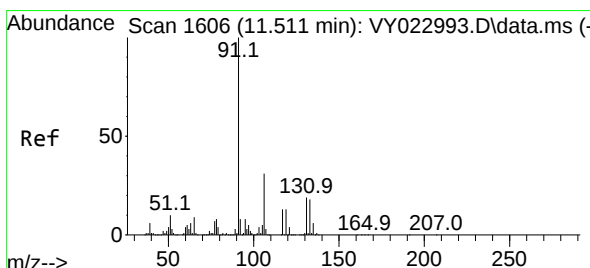
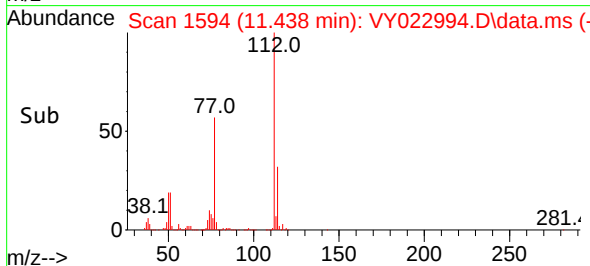
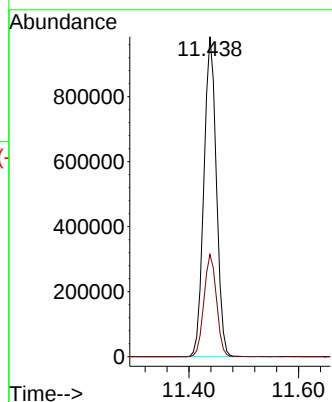
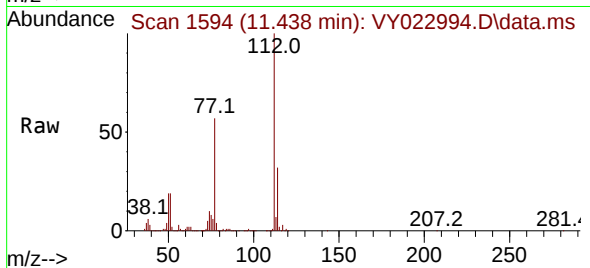
VSTDICC100

Tgt Ion:112 Resp: 1553437

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 97.795 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

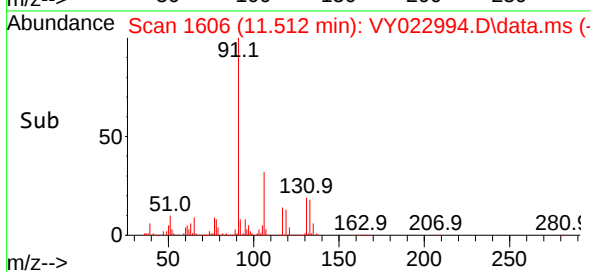
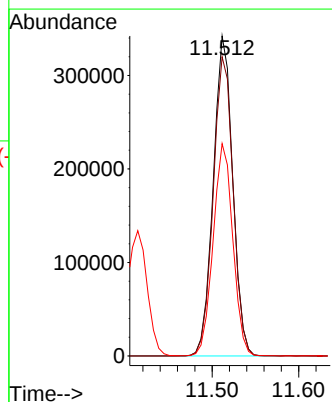
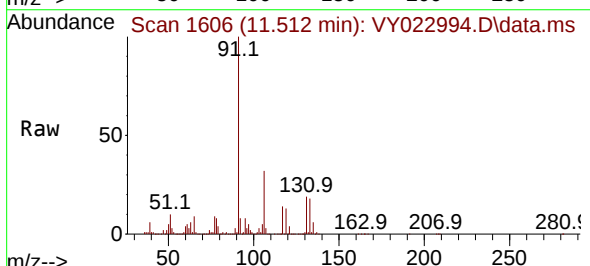
Tgt Ion:131 Resp: 534070

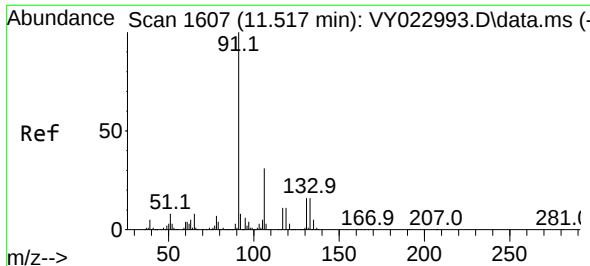
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 67.0 33.3 99.8

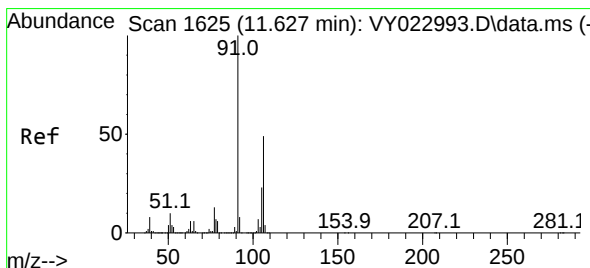
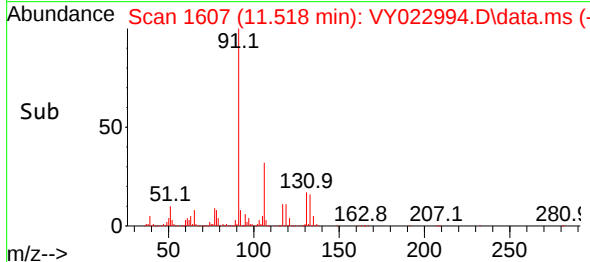
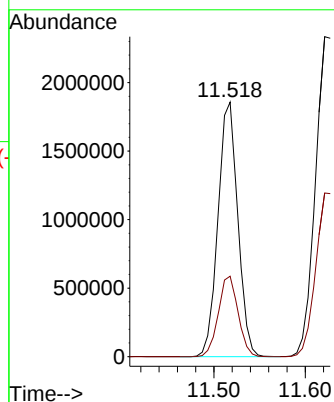
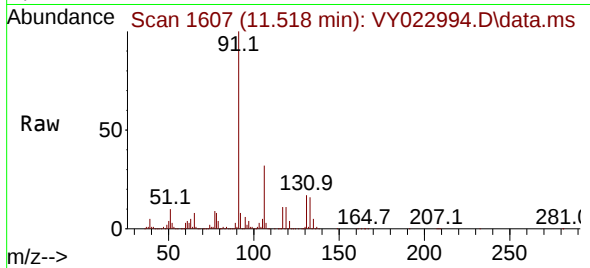




#67
Ethyl Benzene
Concen: 98.709 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

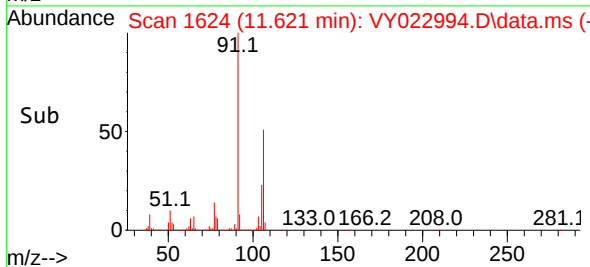
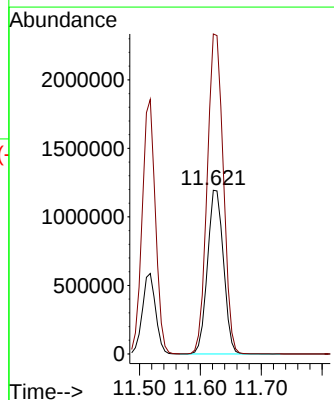
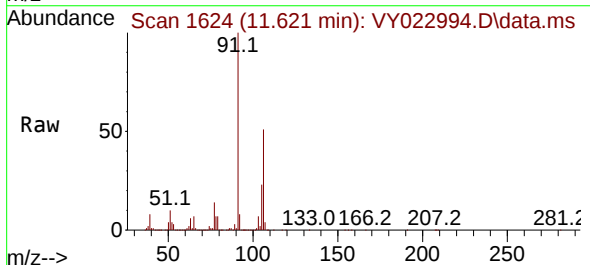
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

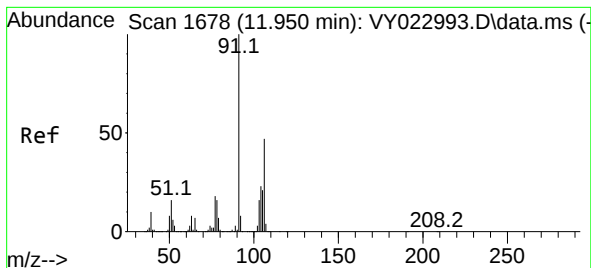
Tgt Ion: 91 Resp: 2801373
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 199.933 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion:106 Resp: 2176388
Ion Ratio Lower Upper
106 100
91 196.5 159.8 239.8

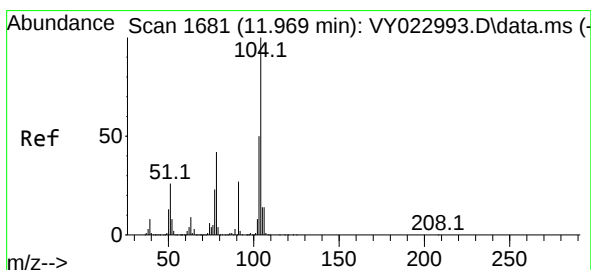
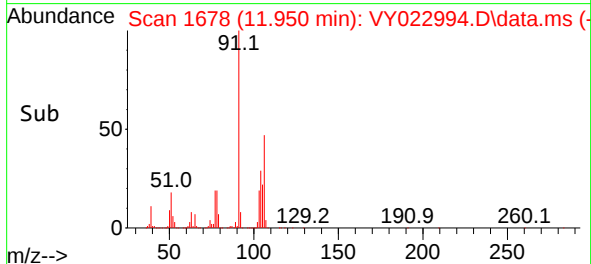
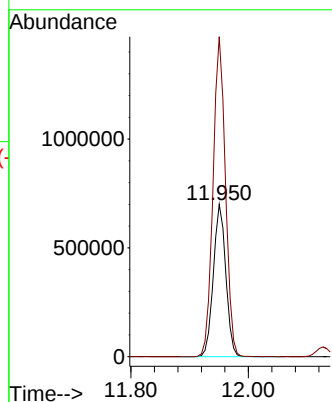
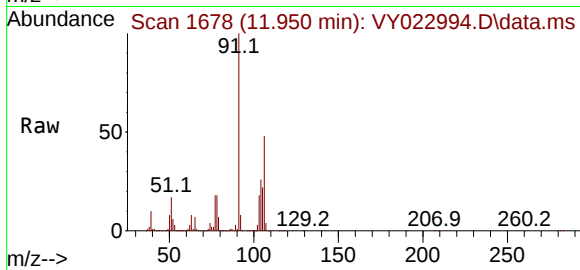




#69
o-Xylene
Concen: 101.898 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

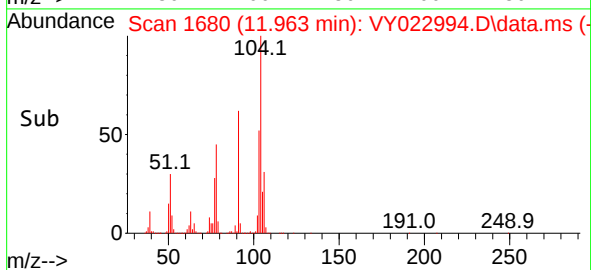
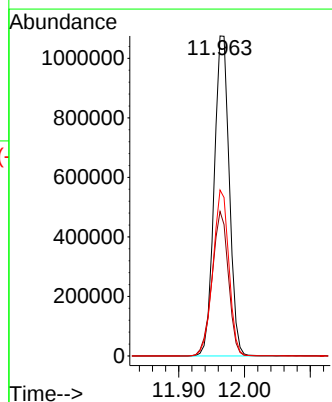
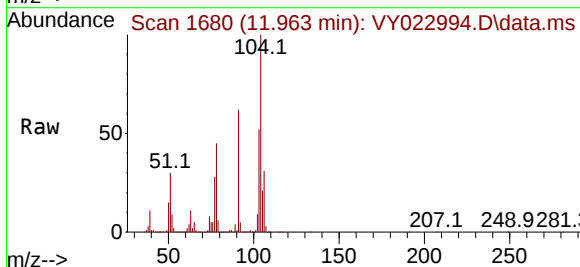
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

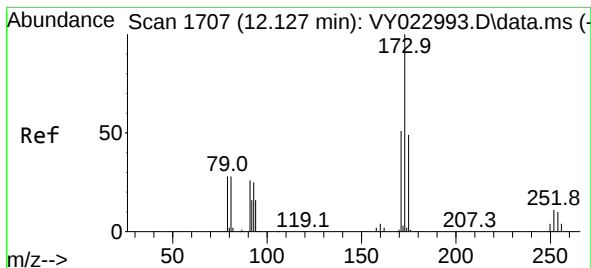
Tgt Ion:106 Resp: 1029408
Ion Ratio Lower Upper
106 100
91 209.6 106.3 318.8



#70
Styrene
Concen: 104.018 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion:104 Resp: 1721270
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 54.8 43.7 65.5





#71

Bromoform

Concen: 105.125 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

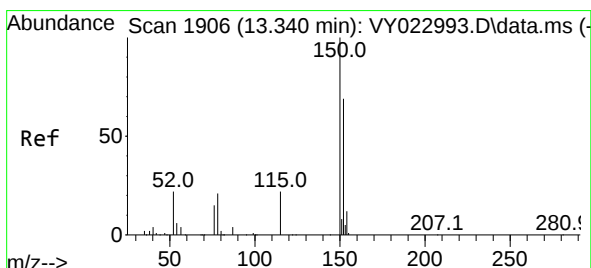
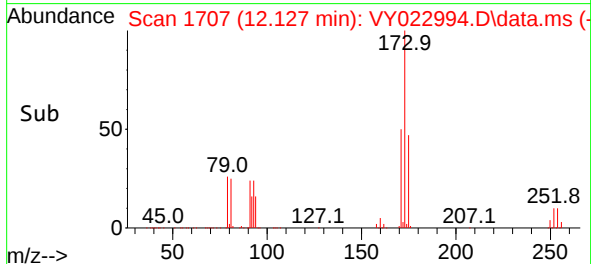
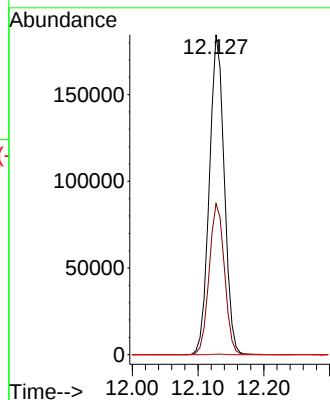
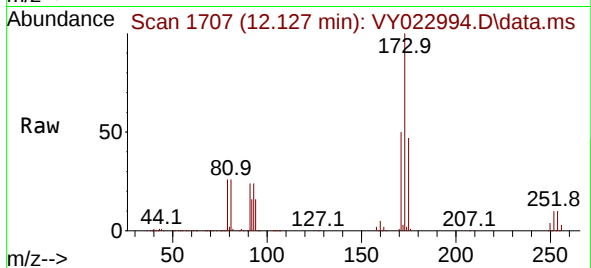
Tgt Ion:173 Resp: 291448

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

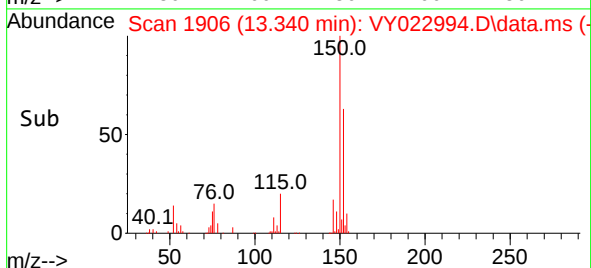
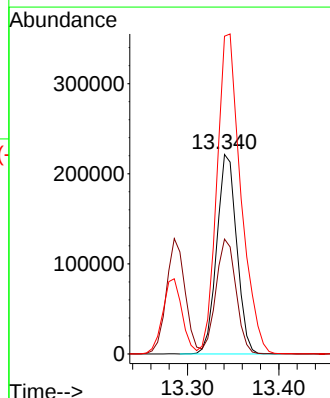
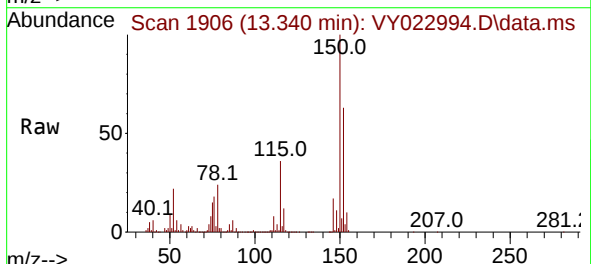
Tgt Ion:152 Resp: 336381

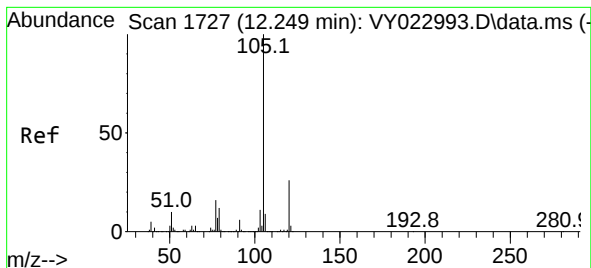
Ion Ratio Lower Upper

152 100

115 57.7 29.4 88.2

150 192.2 0.0 350.0





#73

Isopropylbenzene

Concen: 92.342 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

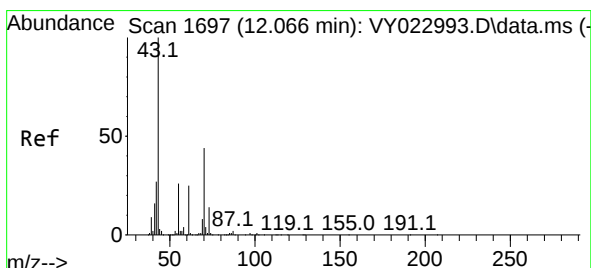
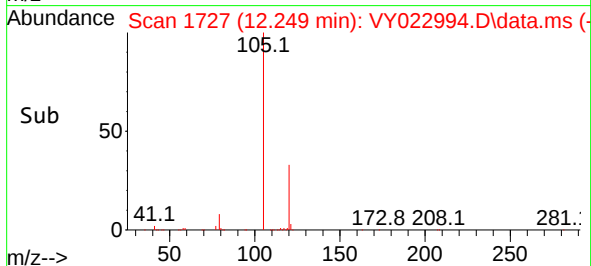
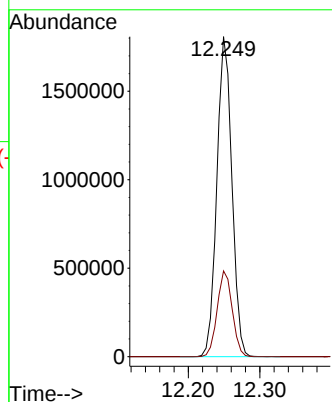
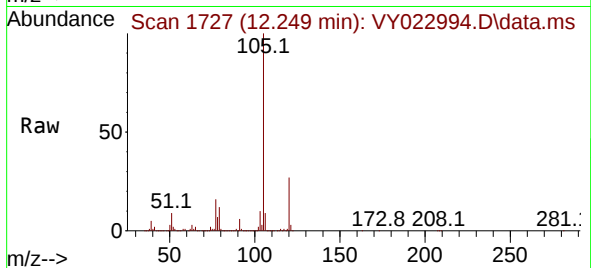
VSTDIC100

Tgt Ion:105 Resp: 2633517

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 104.113 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Tgt Ion: 43 Resp: 559798

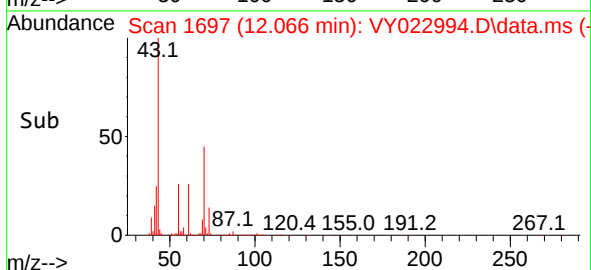
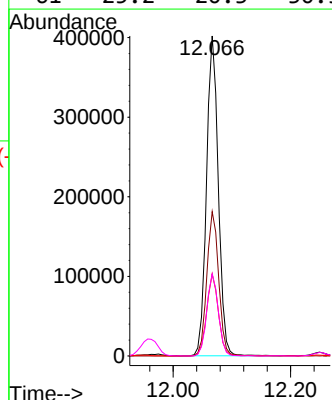
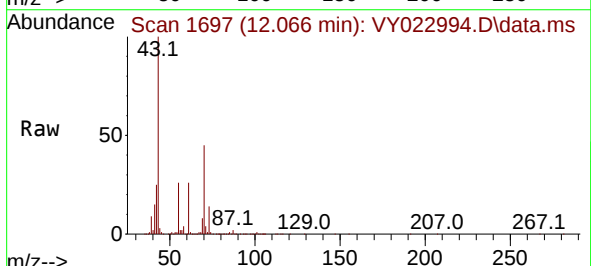
Ion Ratio Lower Upper

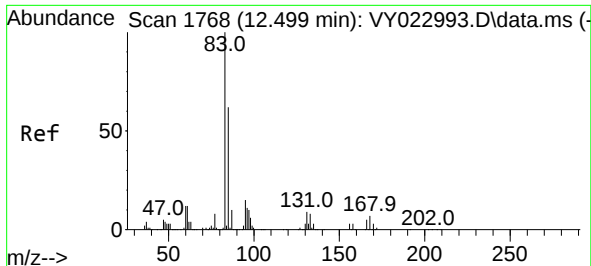
43 100

70 45.4 36.2 54.2

55 25.6 20.9 31.3

61 25.2 20.3 30.5

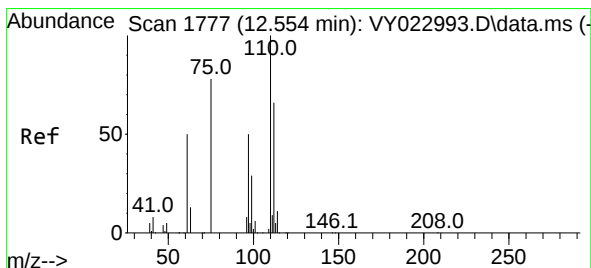
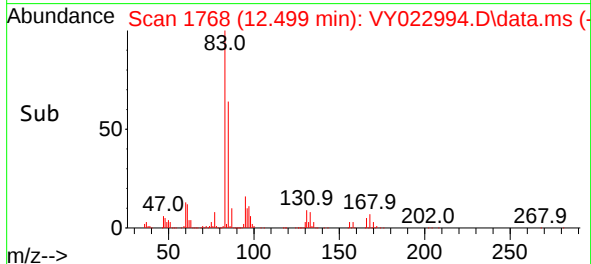
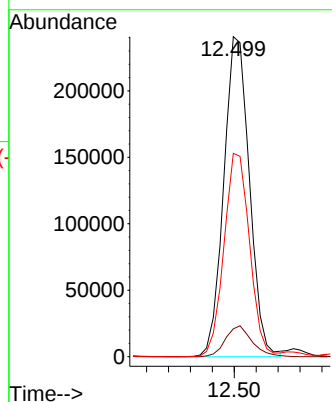
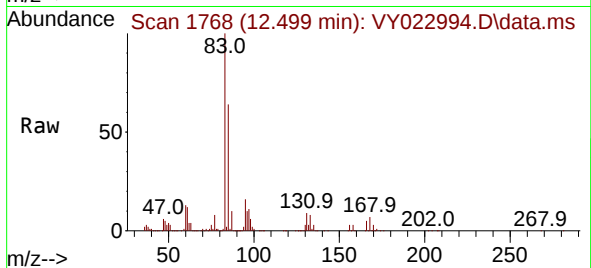




#75
1,1,2,2-Tetrachloroethane
Concen: 94.863 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

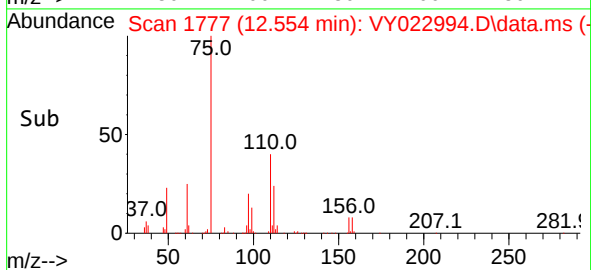
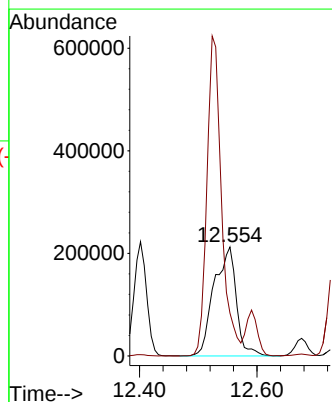
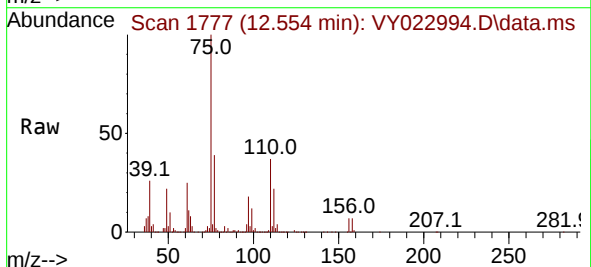
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

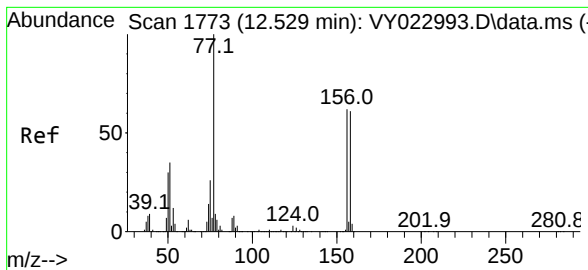
Tgt Ion: 83 Resp: 391508
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 63.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 132.482 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 75 Resp: 560868
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

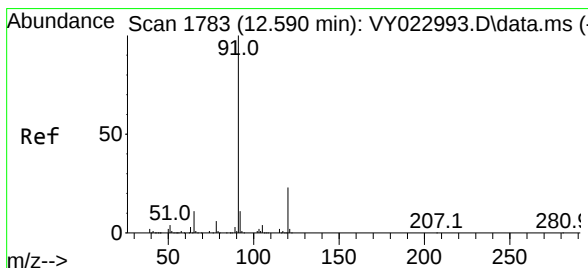
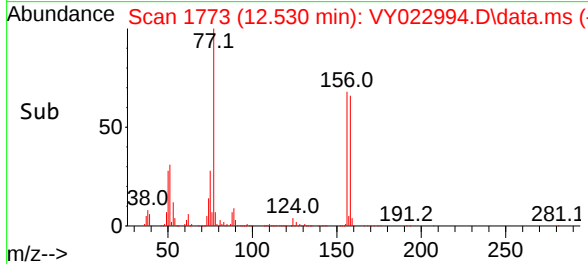
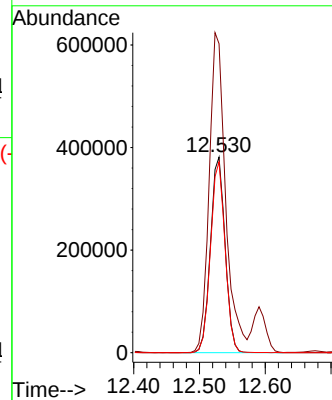
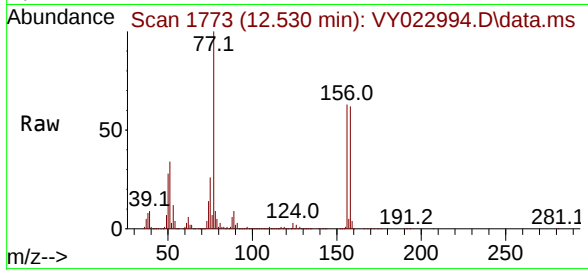




#77
Bromobenzene
Concen: 95.609 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

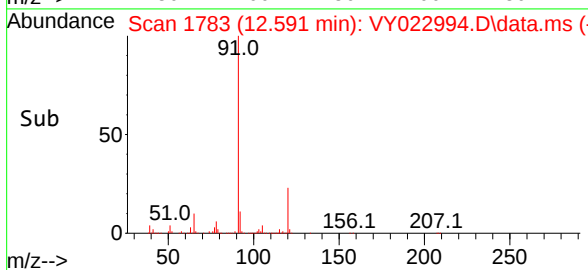
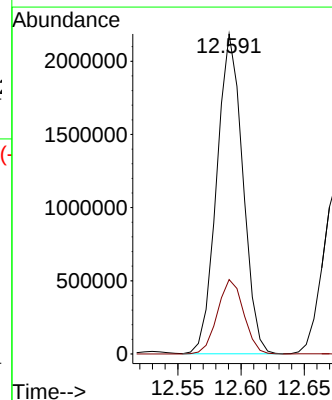
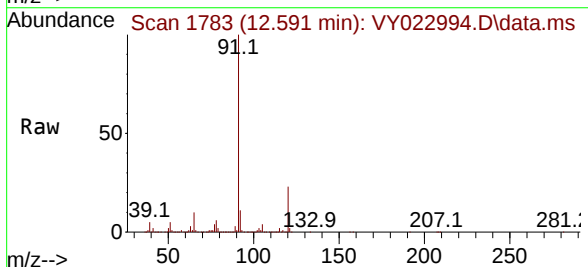
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

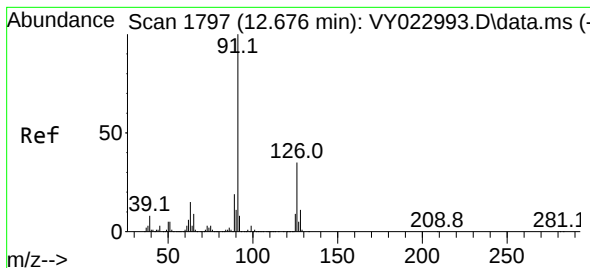
Tgt Ion:156 Resp: 591382
Ion Ratio Lower Upper
156 100
77 183.5 92.0 276.1
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 92.131 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 91 Resp: 3128958
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.8

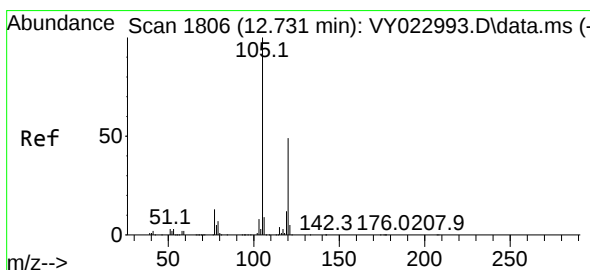
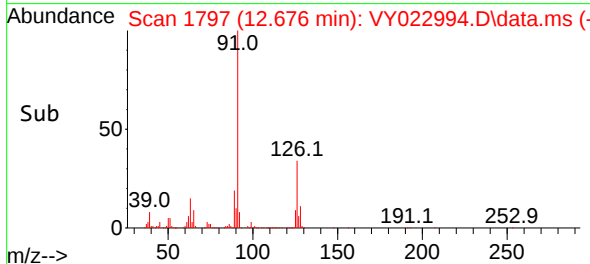
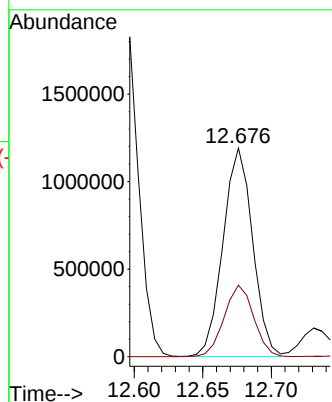
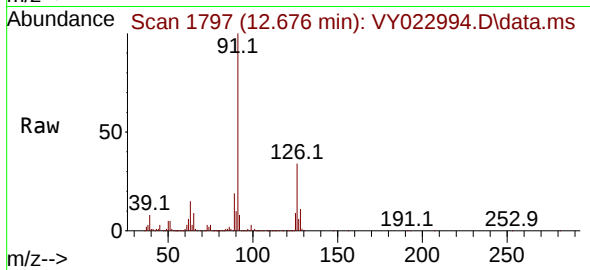




#79
2-Chlorotoluene
Concen: 93.601 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

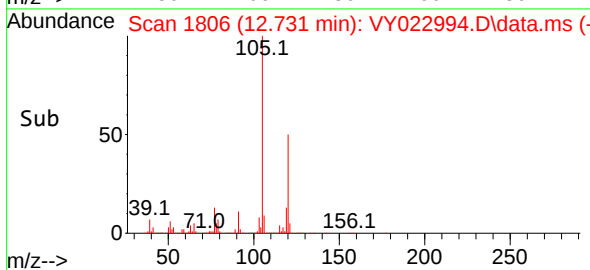
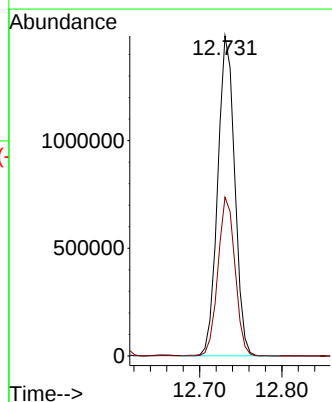
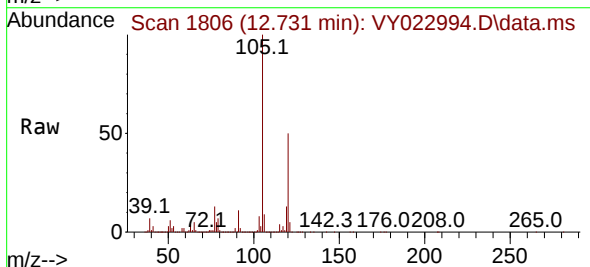
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

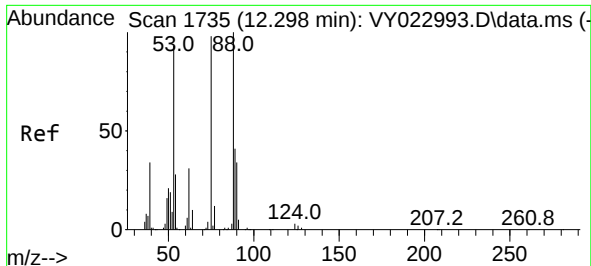
Tgt Ion: 91 Resp: 1787847
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 94.884 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 105 Resp: 2134216
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.8

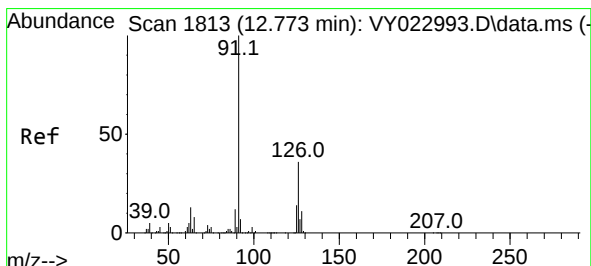
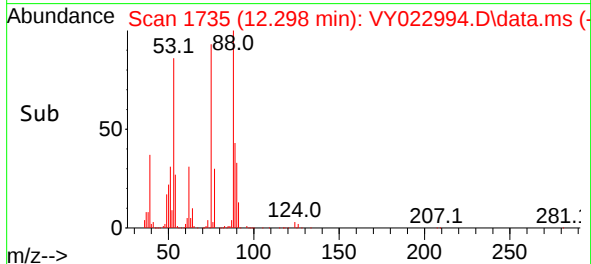
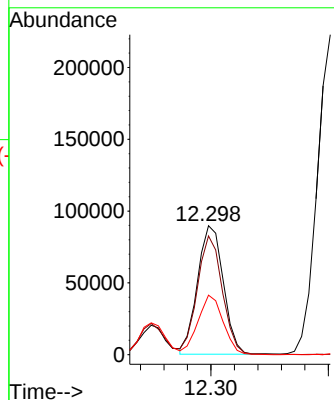
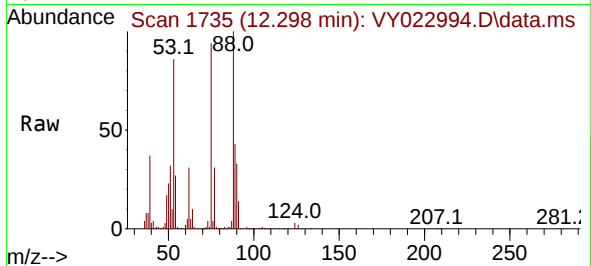




#81
trans-1,4-Dichloro-2-butene
Concen: 97.286 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

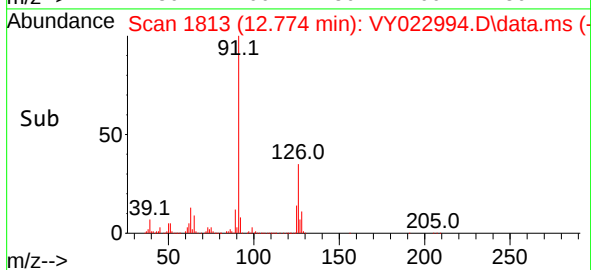
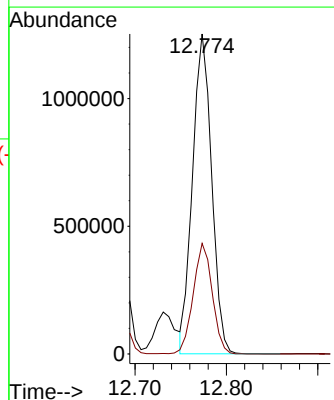
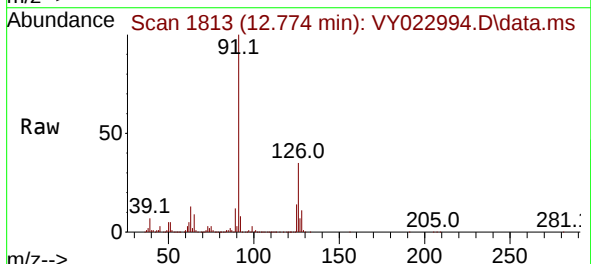
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

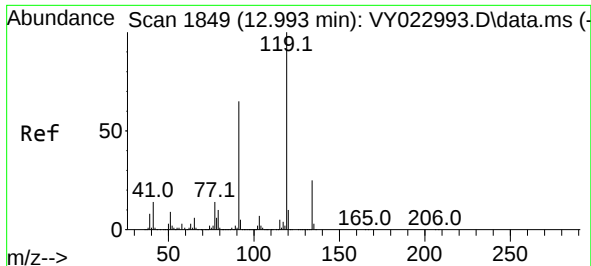
Tgt Ion: 75 Resp: 136910
Ion Ratio Lower Upper
75 100
53 89.4 76.1 114.1
89 45.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 94.446 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 91 Resp: 1819454
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5

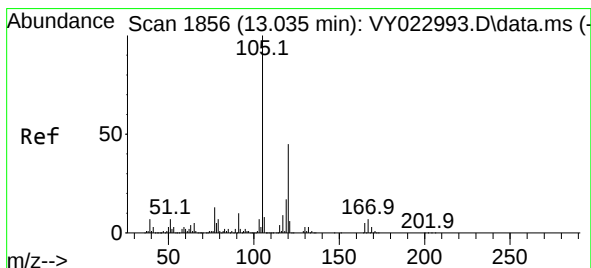
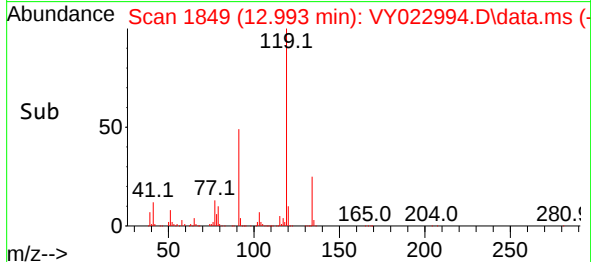
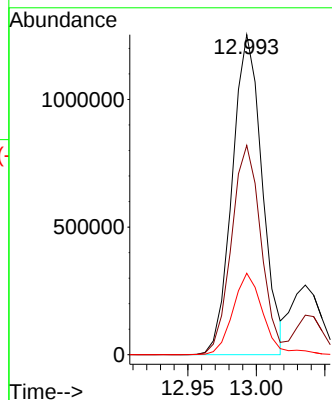
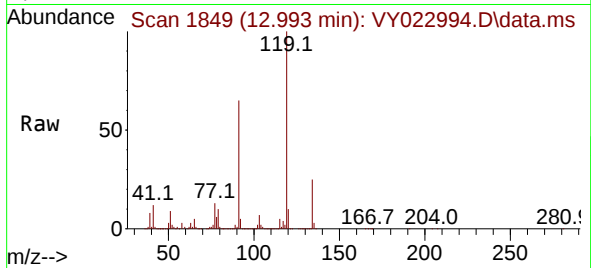




#83
 tert-Butylbenzene
 Concen: 93.818 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

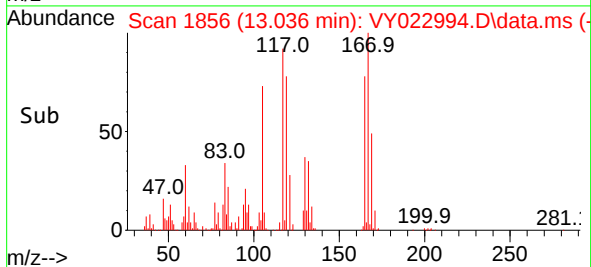
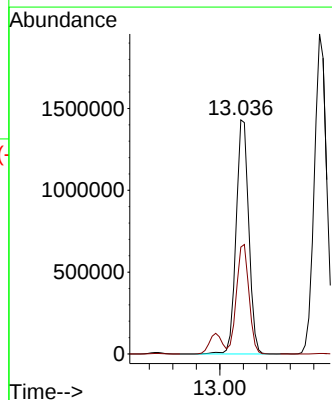
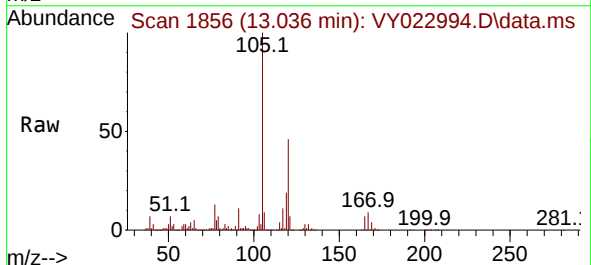
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

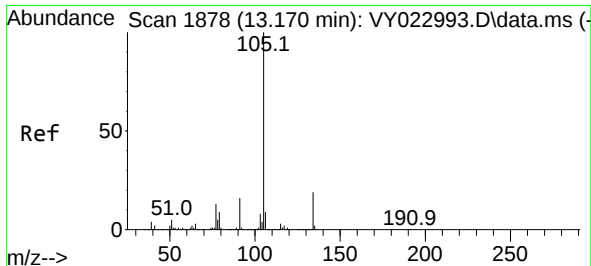
Tgt Ion:119 Resp: 1906177
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.0 96.2
 134 25.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 96.506 ug/l
 RT: 13.036 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

Tgt Ion:105 Resp: 2136779
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8

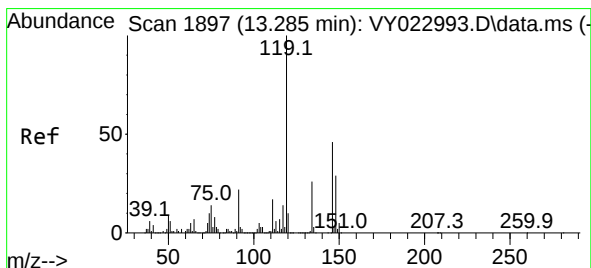
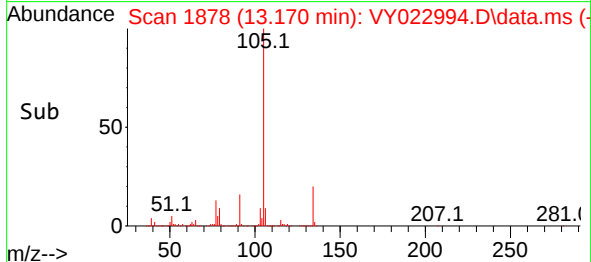
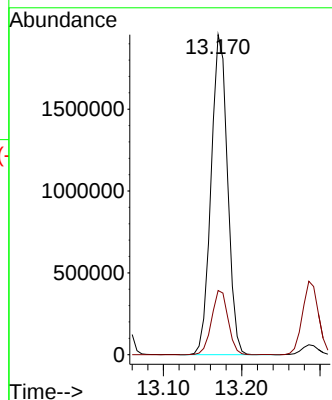
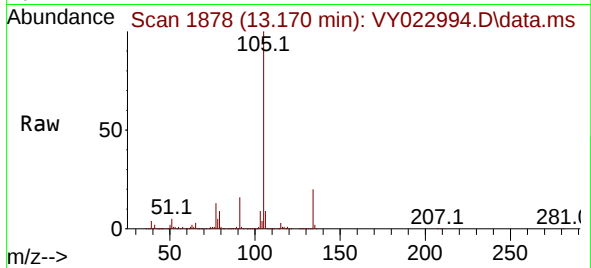




#85
 sec-Butylbenzene
 Concen: 93.457 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

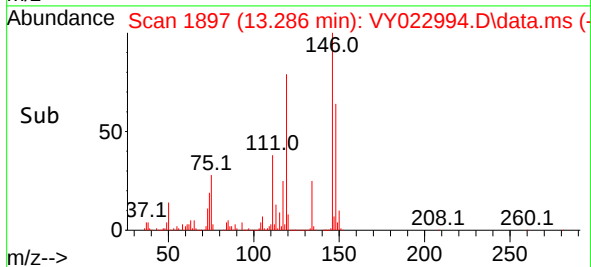
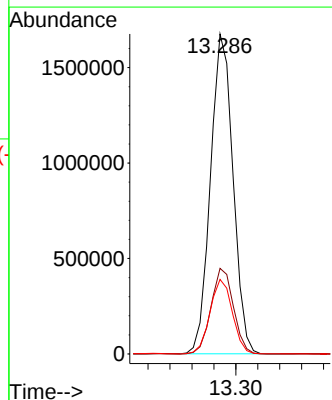
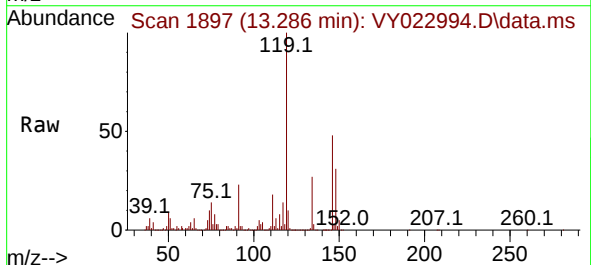
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

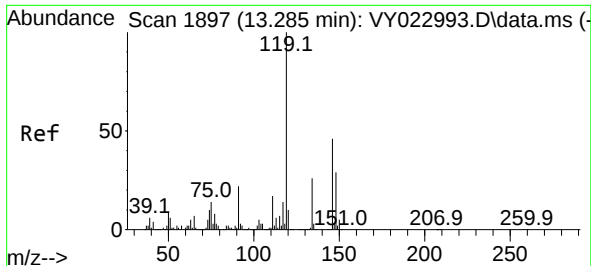
Tgt Ion:105 Resp: 2845557
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 96.785 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022994.D
 Acq: 18 Jul 2025 12:27

Tgt Ion:119 Resp: 2393335
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 96.105 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

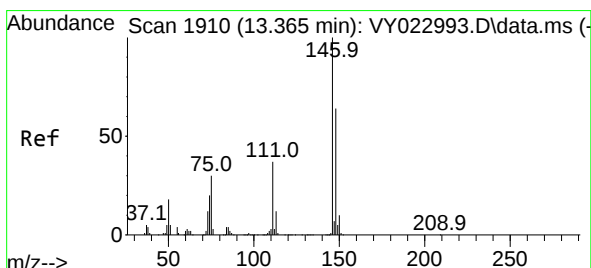
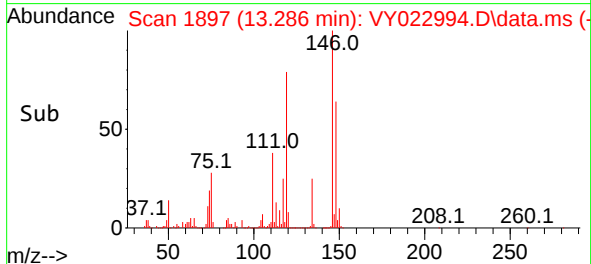
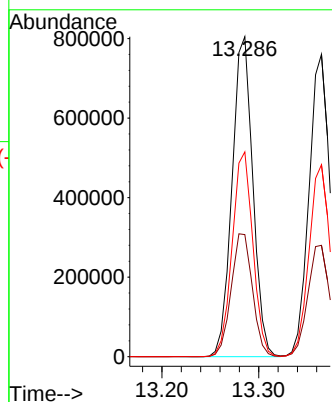
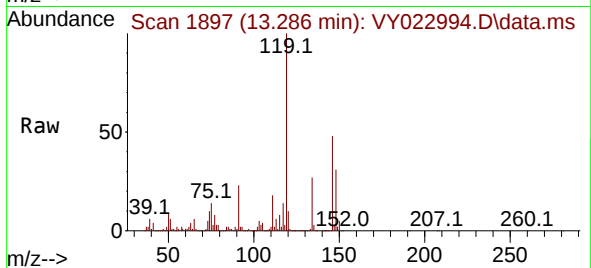
Tgt Ion:146 Resp: 1199663

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

148 63.8 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 95.021 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

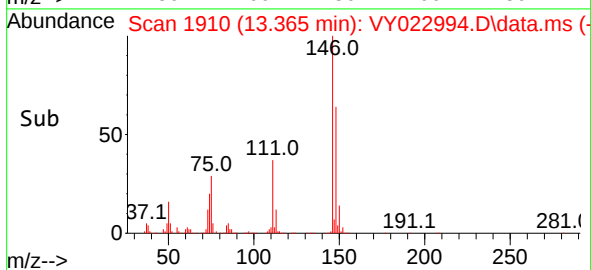
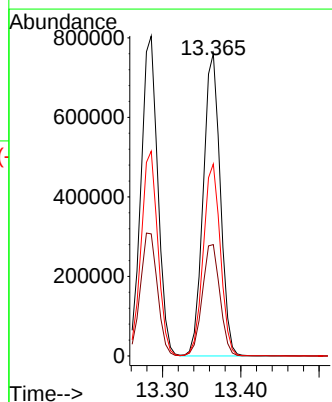
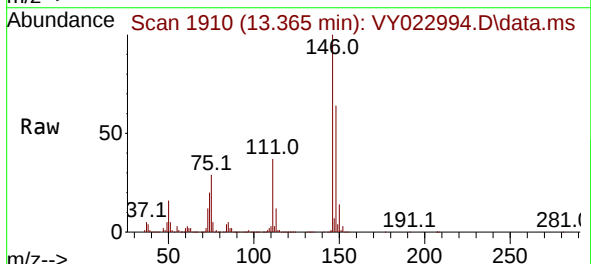
Tgt Ion:146 Resp: 1147484

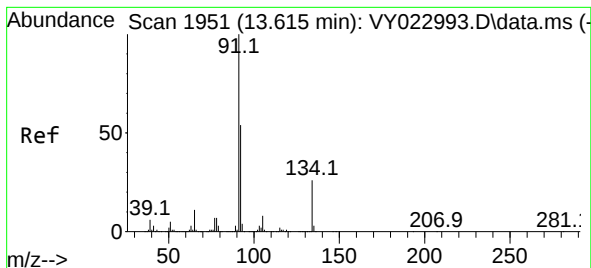
Ion Ratio Lower Upper

146 100

111 38.1 19.2 57.6

148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 96.545 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

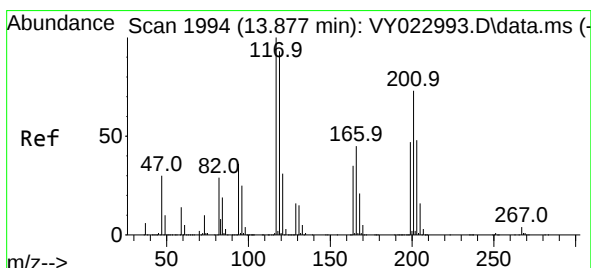
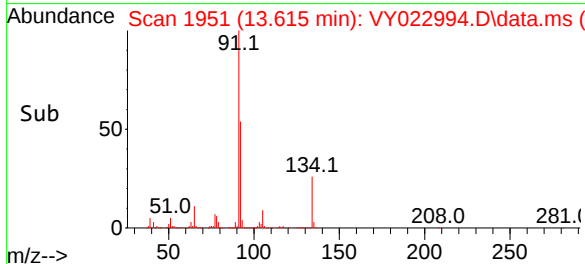
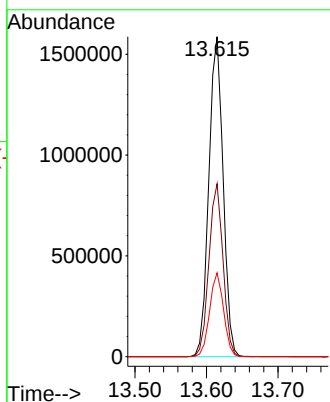
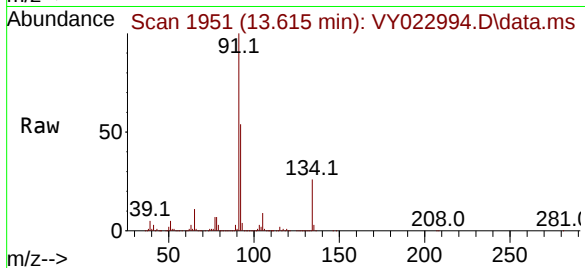
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 2202992

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.6	12.6	37.6



#90

Hexachloroethane

Concen: 92.105 ug/l

RT: 13.877 min Scan# 1994

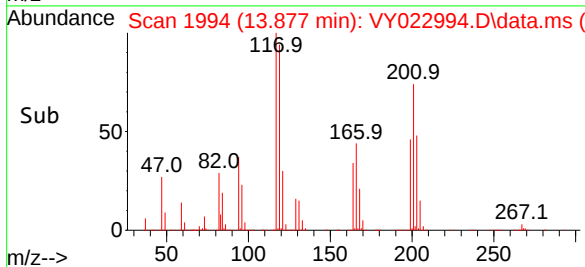
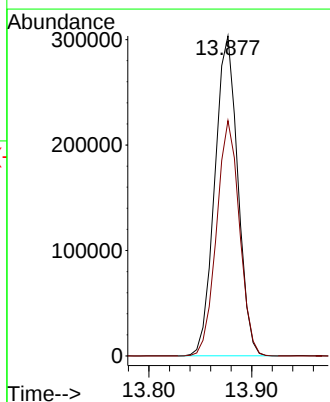
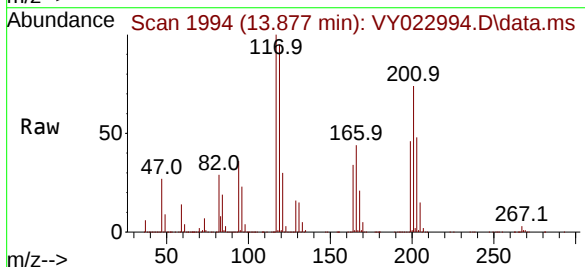
Delta R.T. 0.000 min

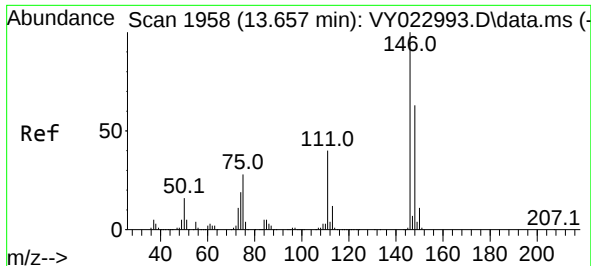
Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Tgt Ion: 117 Resp: 471548

Ion	Ratio	Lower	Upper
117	100		
201	73.3	36.1	108.5

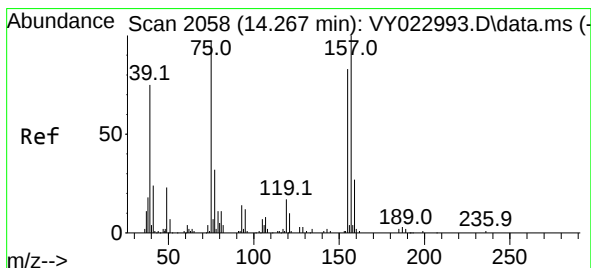
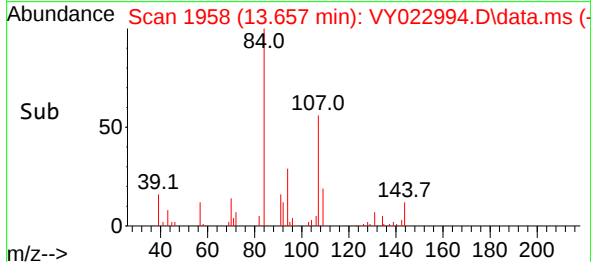
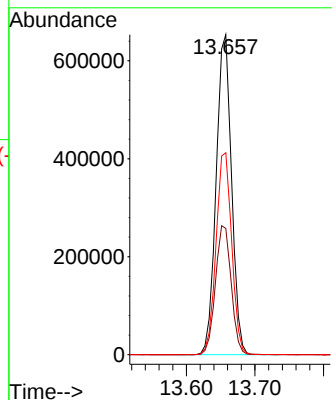
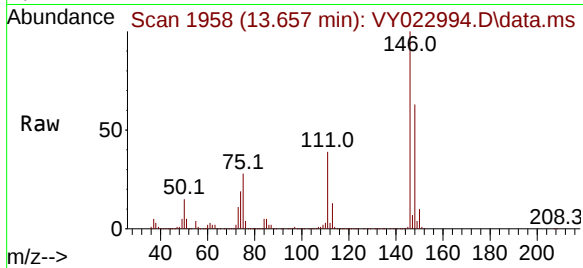




#91
1,2-Dichlorobenzene
Concen: 96.328 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

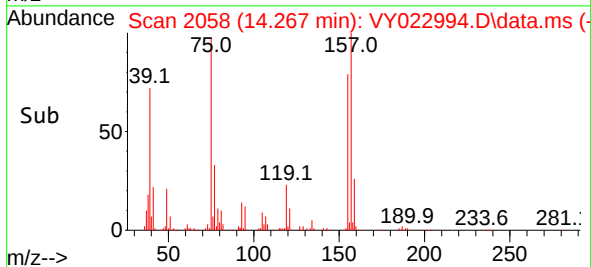
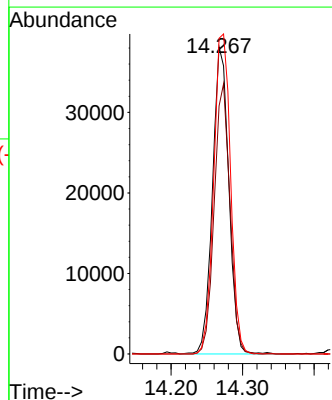
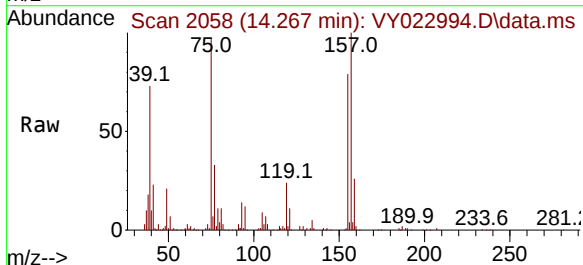
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

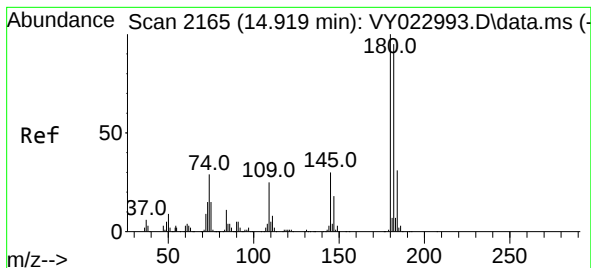
Tgt Ion:146 Resp: 1014265
Ion Ratio Lower Upper
146 100
111 41.4 20.3 61.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 98.636 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY022994.D
Acq: 18 Jul 2025 12:27

Tgt Ion: 75 Resp: 60444
Ion Ratio Lower Upper
75 100
155 84.9 42.8 128.3
157 107.4 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 101.574 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

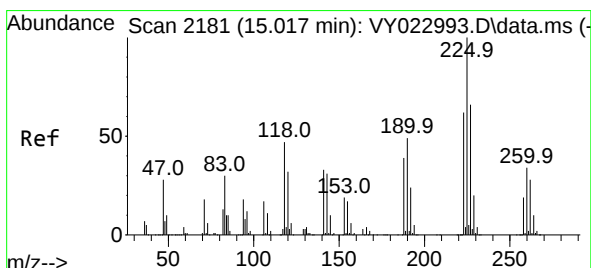
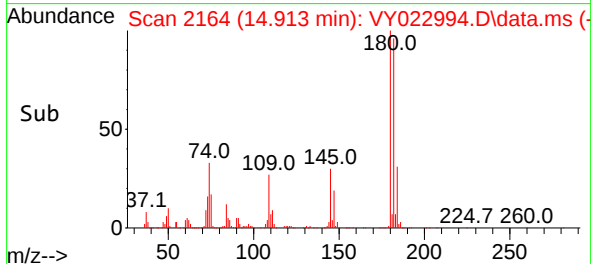
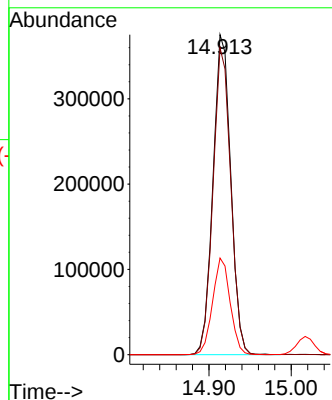
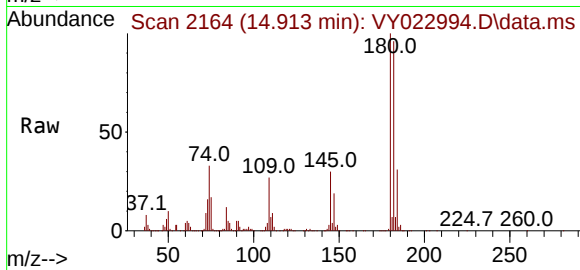
Tgt Ion:180 Resp: 563754

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 91.031 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

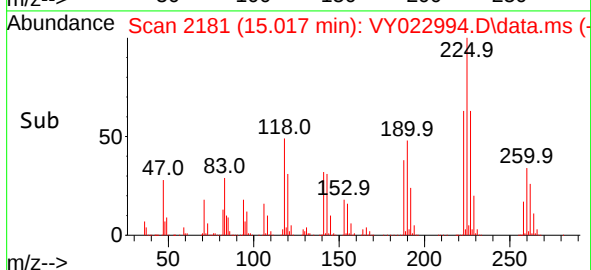
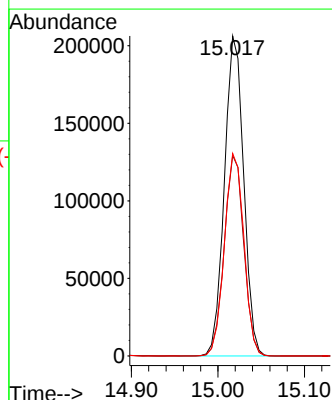
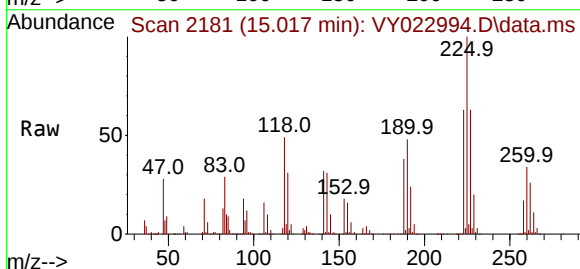
Tgt Ion:225 Resp: 318528

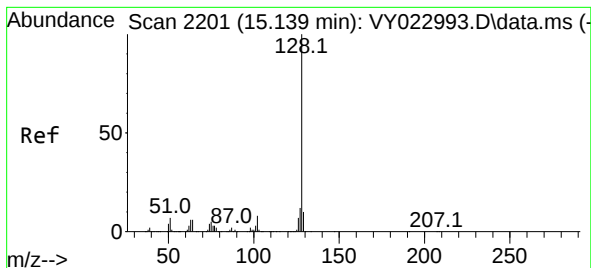
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.0

227 64.2 32.1 96.5





#95

Naphthalene

Concen: 112.148 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

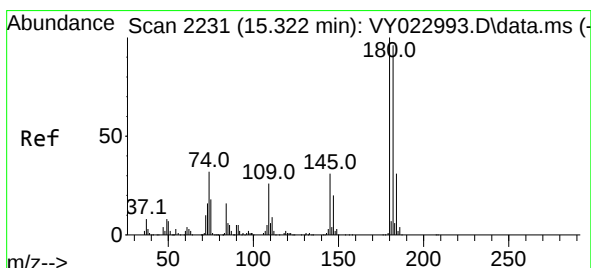
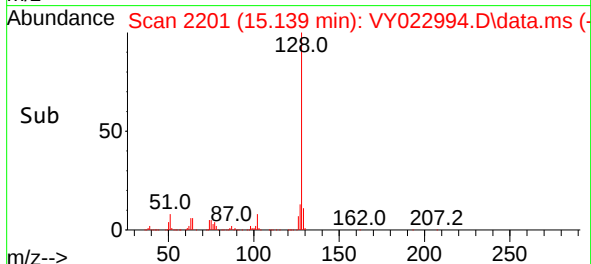
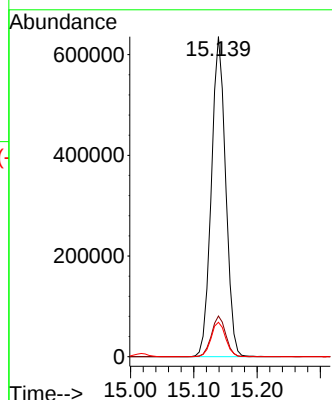
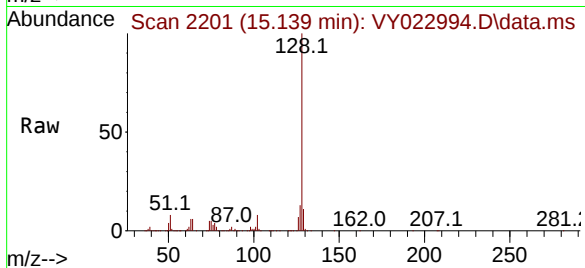
Tgt Ion:128 Resp: 998336

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 104.109 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022994.D

Acq: 18 Jul 2025 12:27

Tgt Ion:180 Resp: 477101

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

145 31.9 15.8 47.4

