

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022563.D
 Acq On : 05 Jun 2025 10:31
 Operator : SY/MD
 Sample : VY0605SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBSD01

Quant Time: Jun 06 01:20:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	171513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	299069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104515	54.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.634	113	94636	53.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.103	98	387044	53.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.401	95	109811	51.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35111	22.865	ug/l	97
3) Chloromethane	2.068	50	94968	20.935	ug/l	98
4) Vinyl Chloride	2.196	62	137155	26.062	ug/l	99
5) Bromomethane	2.586	94	116911	23.178	ug/l	97
6) Chloroethane	2.726	64	95270	26.375	ug/l	95
7) Trichlorofluoromethane	3.043	101	120846	27.049	ug/l	99
8) Diethyl Ether	3.452	74	23158	23.017	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	41451	22.029	ug/l	100
10) Methyl Iodide	4.001	142	39955	19.622	ug/l	99
11) Tert butyl alcohol	4.872	59	15513	113.225	ug/l #	90
12) 1,1-Dichloroethene	3.781	96	40943	22.764	ug/l	93
13) Acrolein	3.647	56	17986	105.336	ug/l	100
14) Allyl chloride	4.372	41	61208	21.678	ug/l	99
15) Acrylonitrile	5.061	53	46908	110.086	ug/l	99
16) Acetone	3.866	43	54882	140.877	ug/l	91
17) Carbon Disulfide	4.098	76	125734	21.835	ug/l	98
18) Methyl Acetate	4.378	43	23772	20.606	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	109144	21.545	ug/l	99
20) Methylene Chloride	4.604	84	50649	22.888	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	45005	22.357	ug/l	88
22) Diisopropyl ether	6.012	45	137987	21.955	ug/l	96
23) Vinyl Acetate	5.957	43	404379	108.707	ug/l	99
24) 1,1-Dichloroethane	5.915	63	85509	23.095	ug/l	99
25) 2-Butanone	6.890	43	71086	126.501	ug/l	94
26) 2,2-Dichloropropane	6.878	77	72964	22.303	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	51947	22.326	ug/l	98
28) Bromochloromethane	7.244	49	33767	20.922	ug/l	97
29) Tetrahydrofuran	7.262	42	38537	106.328	ug/l	99
30) Chloroform	7.415	83	83488	22.765	ug/l	94
31) Cyclohexane	7.695	56	76849	20.848	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	72758	22.349	ug/l	100
36) 1,1-Dichloropropene	7.835	75	62370	21.528	ug/l	99
37) Ethyl Acetate	6.982	43	27096	20.972	ug/l	98
38) Carbon Tetrachloride	7.817	117	62934	21.175	ug/l	97
39) Methylcyclohexane	9.103	83	79441	20.404	ug/l	97
40) Benzene	8.079	78	190626	22.277	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14358	19.026	ug/l	94
42) 1,2-Dichloroethane	8.152	62	50165	21.470	ug/l	99
43) Isopropyl Acetate	8.195	43	57623	20.651	ug/l	98
44) Trichloroethene	8.859	130	45527	21.769	ug/l	99
45) 1,2-Dichloropropane	9.140	63	44534	22.021	ug/l	98
46) Dibromomethane	9.231	93	23765	20.888	ug/l	99
47) Bromodichloromethane	9.420	83	63034	21.850	ug/l	99
48) Methyl methacrylate	9.219	41	26807	20.470	ug/l	98
49) 1,4-Dioxane	9.231	88	5776	428.524	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	144095	103.576	ug/l	97
52) Toluene	10.170	92	116529	21.670	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	56558	20.924	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	65544	20.831	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31120	21.451	ug/l	95
56) Ethyl methacrylate	10.438	69	41323	19.707	ug/l	96
57) 1,3-Dichloropropane	10.713	76	54935	21.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	102493	107.660	ug/l	100
59) 2-Hexanone	10.755	43	103548	111.292	ug/l	100
60) Dibromochloromethane	10.908	129	38073	20.651	ug/l	98
61) 1,2-Dibromoethane	11.011	107	27875	21.081	ug/l	95
64) Tetrachloroethene	10.646	164	49548	22.957	ug/l	97
65) Chlorobenzene	11.438	112	121644	21.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	39684	21.217	ug/l	100
67) Ethyl Benzene	11.517	91	217593	21.130	ug/l	98
68) m/p-Xylenes	11.627	106	163220	41.810	ug/l	100
69) o-Xylene	11.950	106	75945	20.749	ug/l	99
70) Styrene	11.969	104	127314	21.043	ug/l	99
71) Bromoform	12.127	173	20312	20.408	ug/l #	99
73) Isopropylbenzene	12.249	105	201893	21.136	ug/l	99
74) N-amyl acetate	12.066	43	50717	21.043	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32461	20.706	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	45873	34.464	ug/l #	100
77) Bromobenzene	12.529	156	42773	21.220	ug/l	98
78) n-propylbenzene	12.590	91	243982	20.912	ug/l	100
79) 2-Chlorotoluene	12.676	91	131993	21.346	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	158787	21.174	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	10836	19.660	ug/l	97
82) 4-Chlorotoluene	12.773	91	134210	21.040	ug/l	100
83) tert-Butylbenzene	12.993	119	144969	21.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	157471	20.995	ug/l	99
85) sec-Butylbenzene	13.170	105	216504	21.003	ug/l	100
86) p-Isopropyltoluene	13.285	119	179062	21.074	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	85217	20.866	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	83293	21.028	ug/l	98
89) n-Butylbenzene	13.615	91	170944	21.205	ug/l	100
90) Hexachloroethane	13.877	117	35005	21.161	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	72498	20.908	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4777	20.929	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	42659	22.557	ug/l	96
94) Hexachlorobutadiene	15.023	225	23120	22.150	ug/l	99
95) Naphthalene	15.139	128	77251	21.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	35644	21.993	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

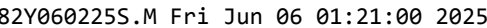
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

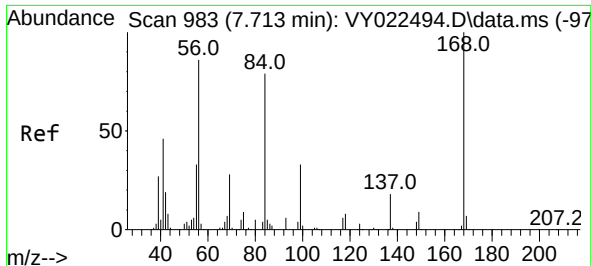
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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

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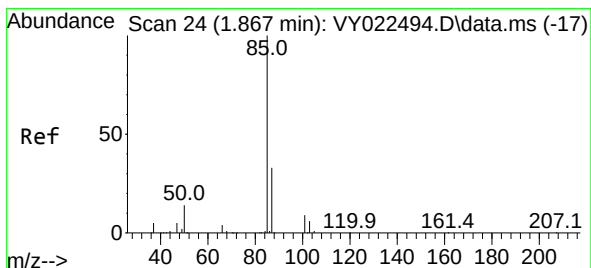
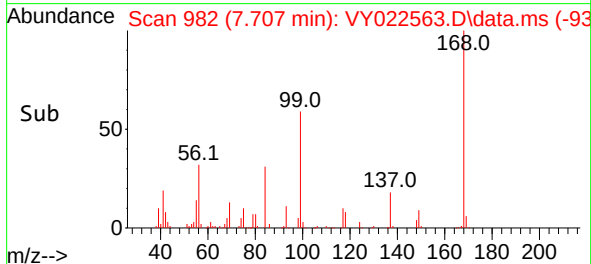
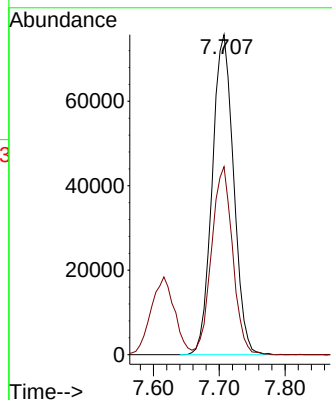
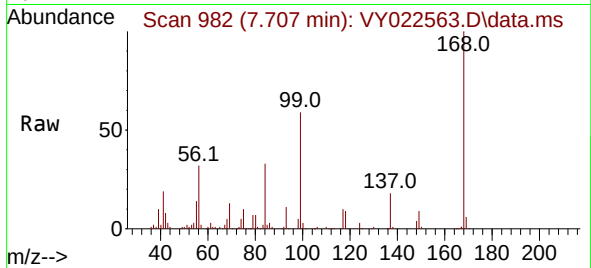




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022563.D
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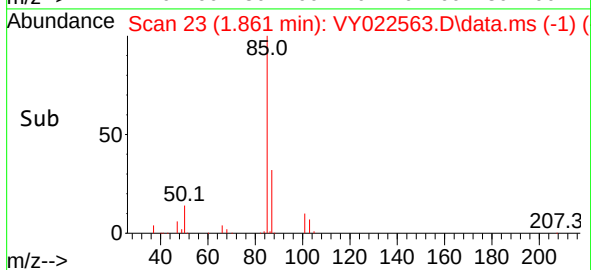
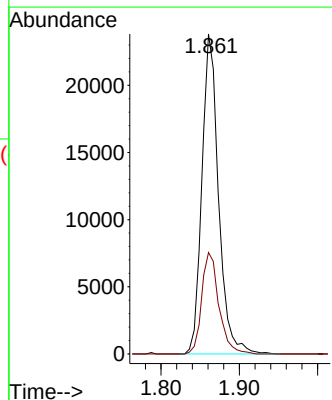
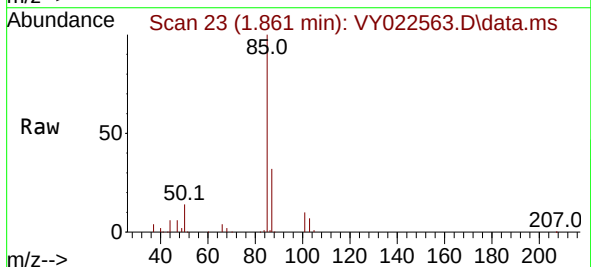
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

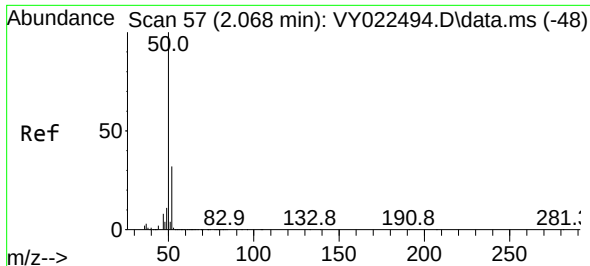
Tgt Ion:168 Resp: 171513
Ion Ratio Lower Upper
168 100
99 58.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.865 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 85 Resp: 35111
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0

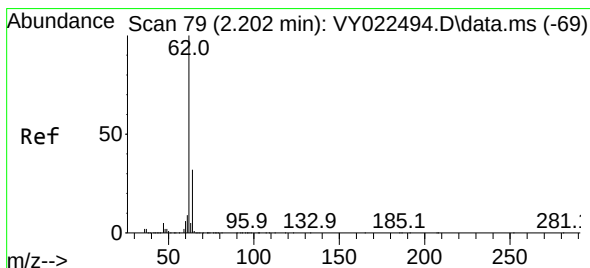
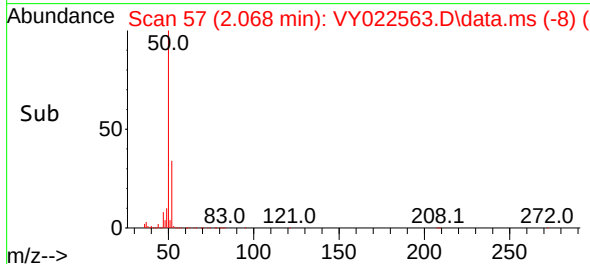
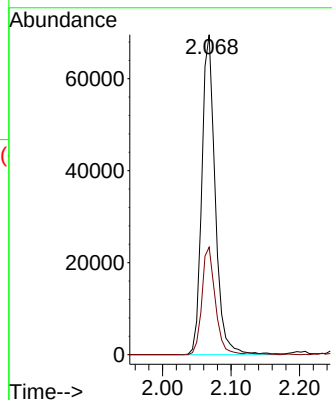
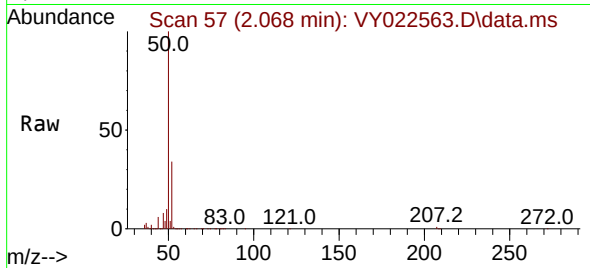




#3
Chloromethane
Concen: 20.935 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

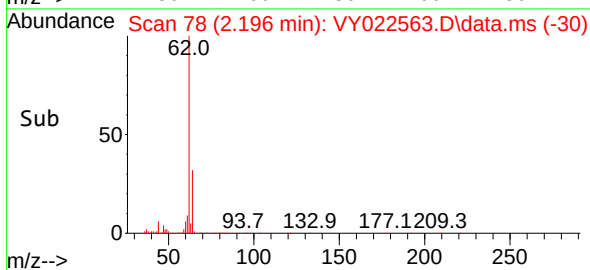
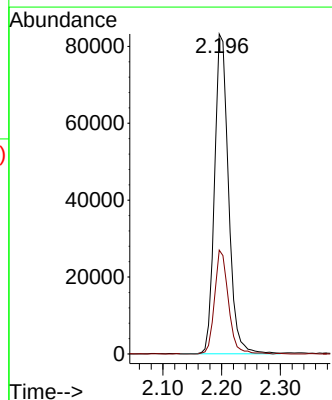
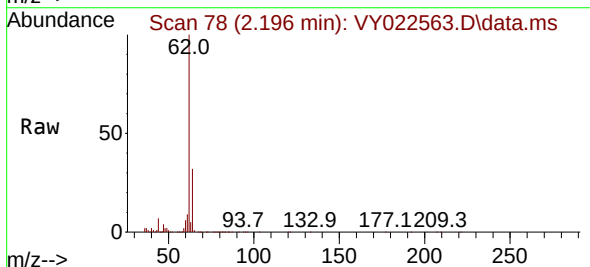
Instrument :
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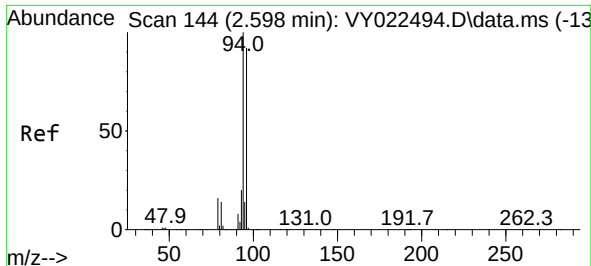
Tgt Ion: 50 Resp: 94968
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 26.062 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 62 Resp: 137155
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

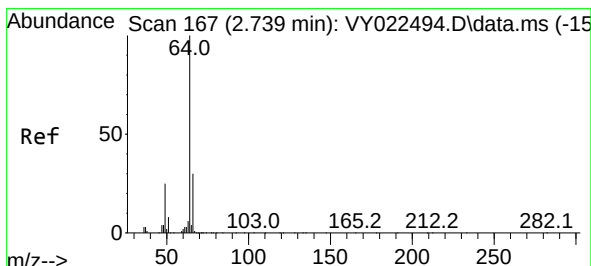
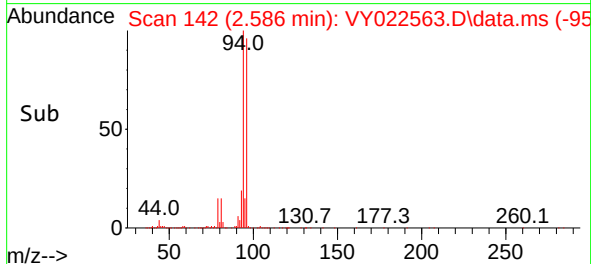
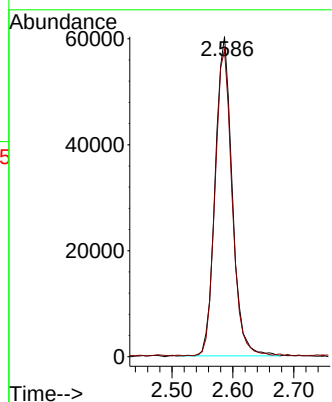
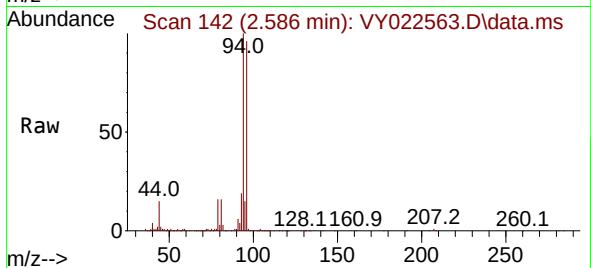




#5
Bromomethane
Concen: 23.178 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

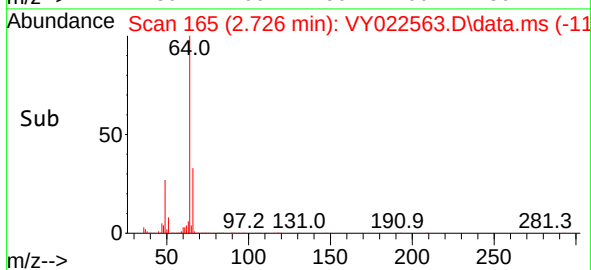
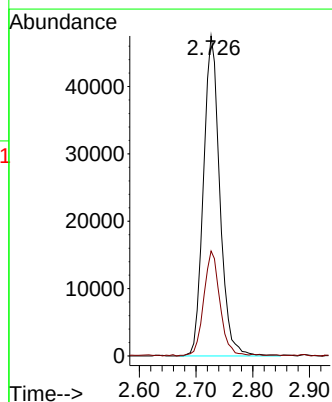
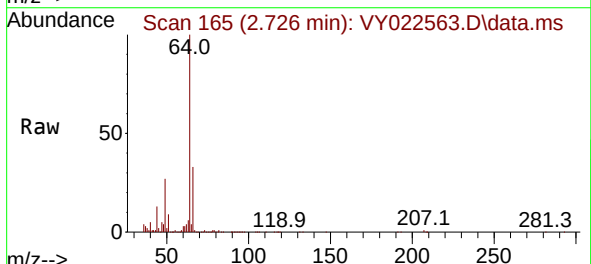
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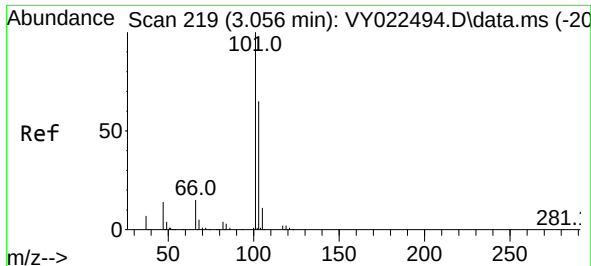
Tgt Ion: 94 Resp: 116911
Ion Ratio Lower Upper
94 100
96 95.7 74.0 111.0



#6
Chloroethane
Concen: 26.375 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 64 Resp: 95270
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.6

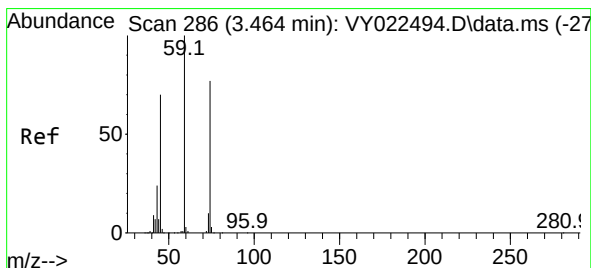
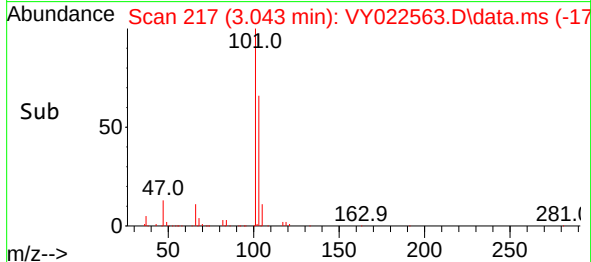
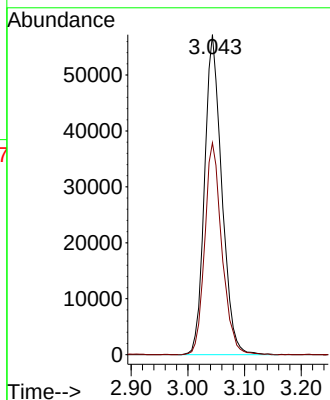
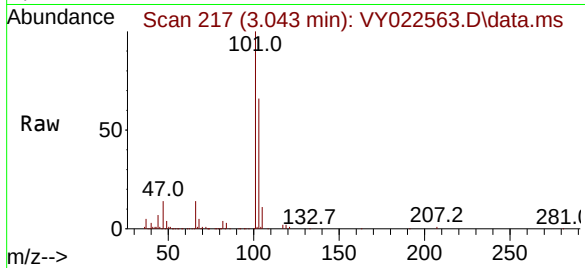




#7
 Trichlorofluoromethane
 Concen: 27.049 ug/l
 RT: 3.043 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY022563.D
 Acq: 05 Jun 2025 10:31

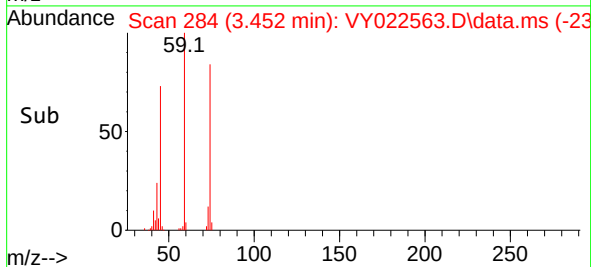
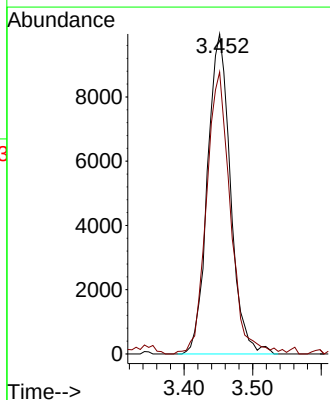
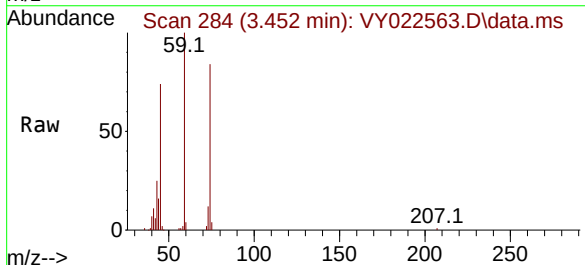
Instrument :
 MSVOA_Y
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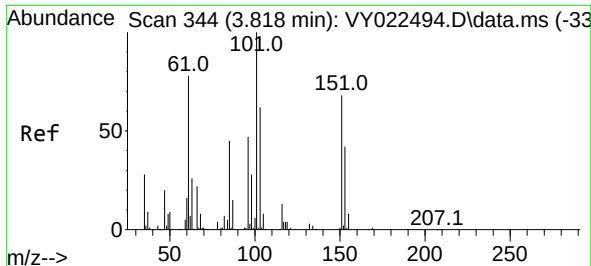
Tgt Ion:101 Resp: 120846
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 23.017 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022563.D
 Acq: 05 Jun 2025 10:31

Tgt Ion: 74 Resp: 23158
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.9 137.6

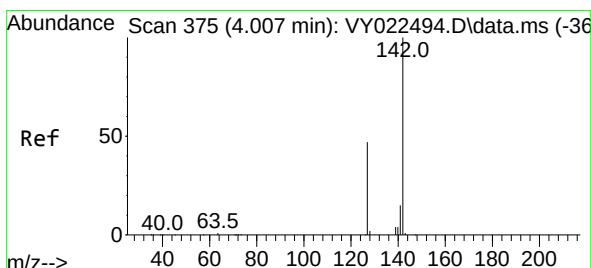
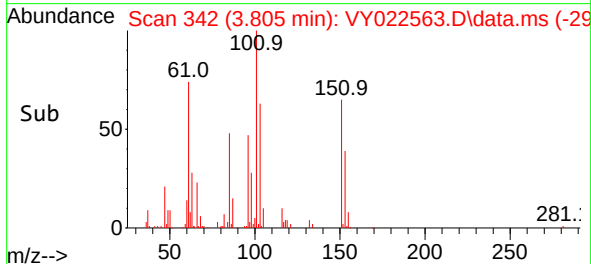
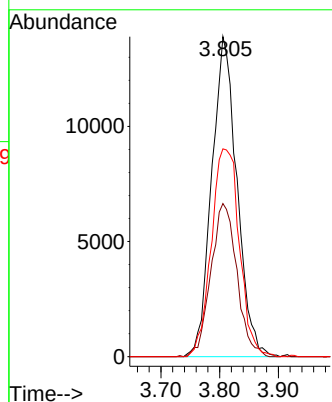
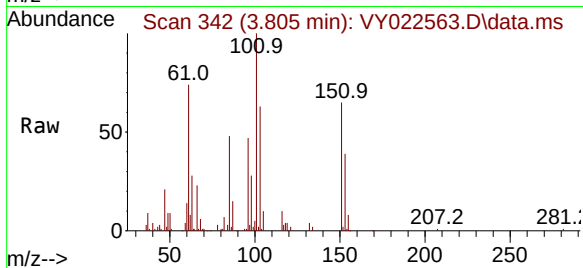




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.029 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

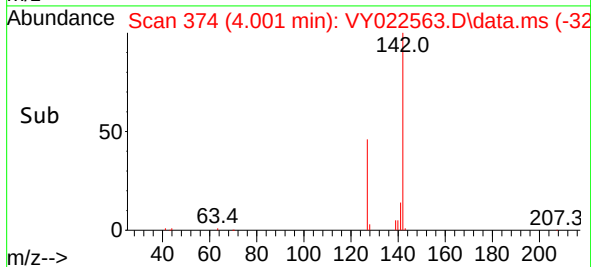
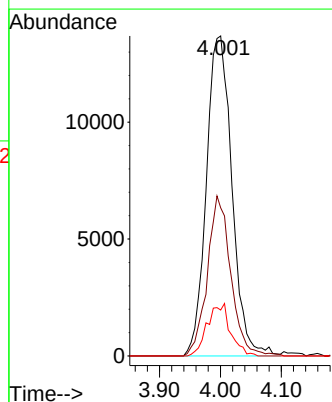
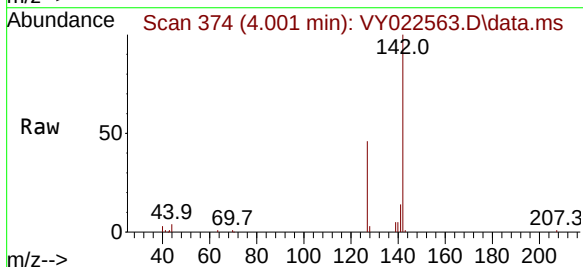
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

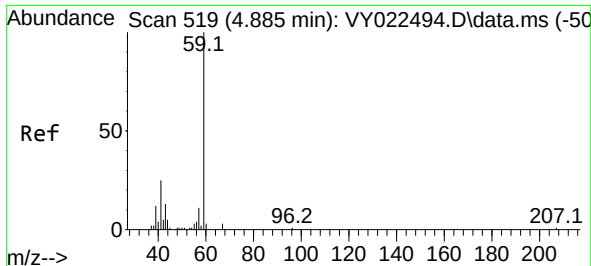
Tgt Ion:101 Resp: 41451
Ion Ratio Lower Upper
101 100
85 49.4 39.3 58.9
151 72.3 57.8 86.8



#10
Methyl Iodide
Concen: 19.622 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:142 Resp: 39955
Ion Ratio Lower Upper
142 100
127 46.0 37.1 55.7
141 14.8 11.4 17.2

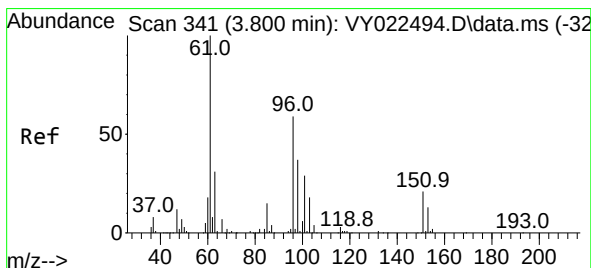
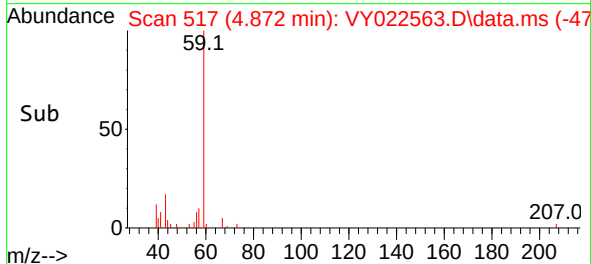
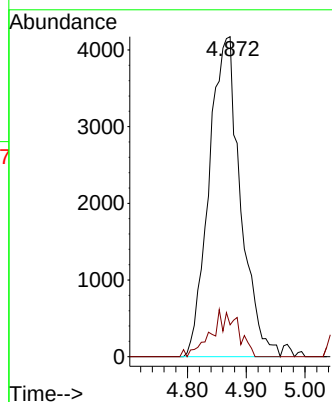
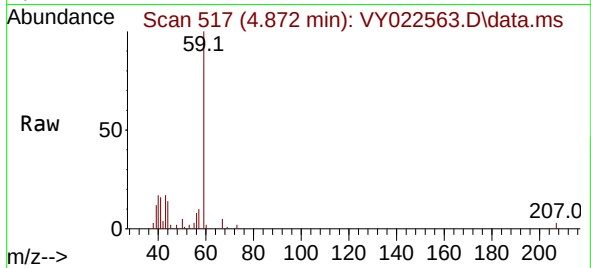




#11
Tert butyl alcohol
Concen: 113.225 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

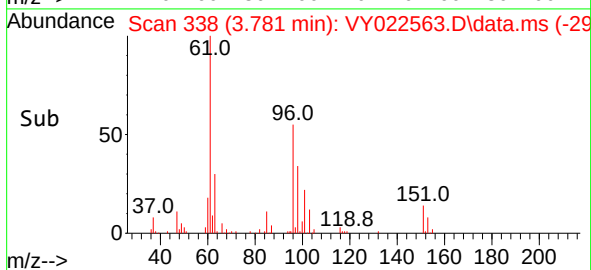
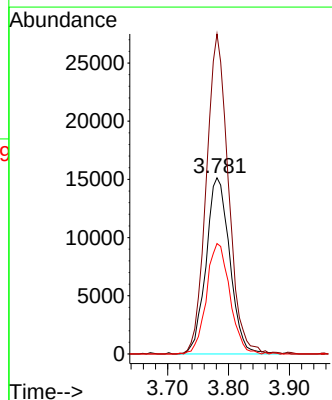
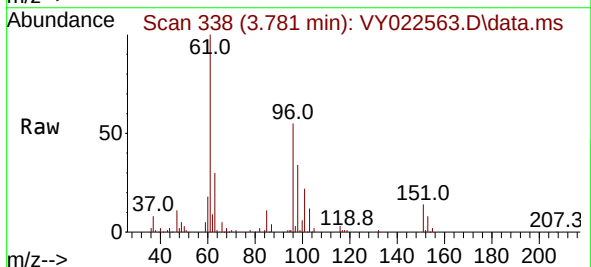
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

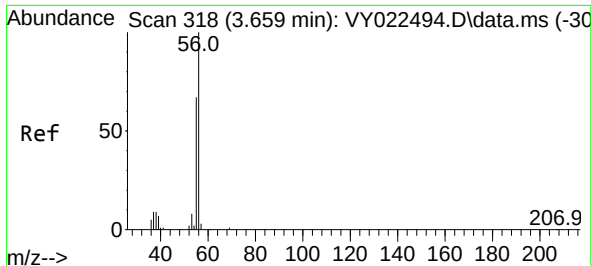
Tgt Ion: 59 Resp: 15513
Ion Ratio Lower Upper
59 100
57 6.1 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.764 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

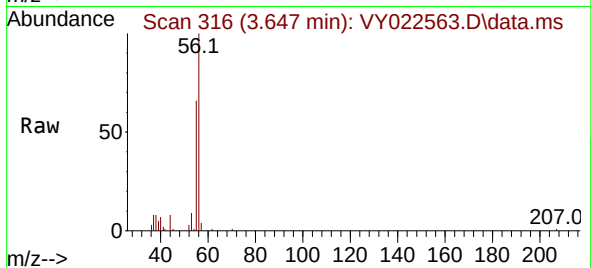
Tgt Ion: 96 Resp: 40943
Ion Ratio Lower Upper
96 100
61 181.2 134.6 201.8
98 62.7 50.2 75.4



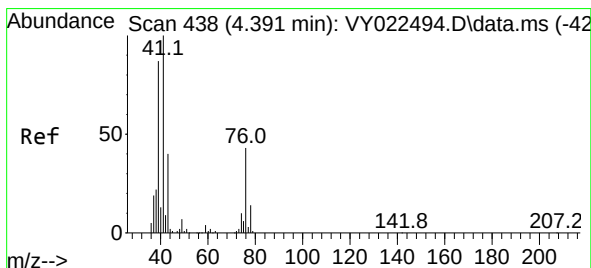
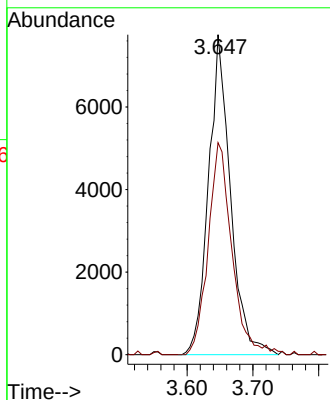
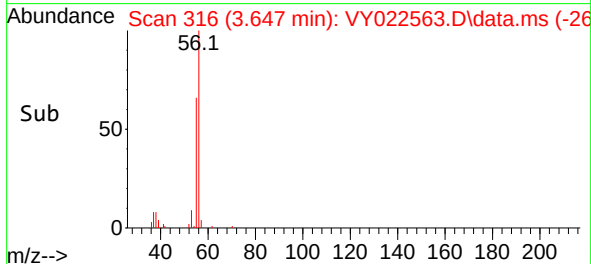


#13
Acrolein
Concen: 105.336 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

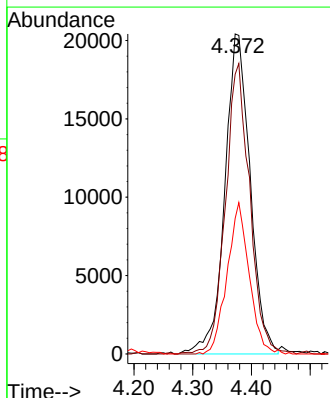
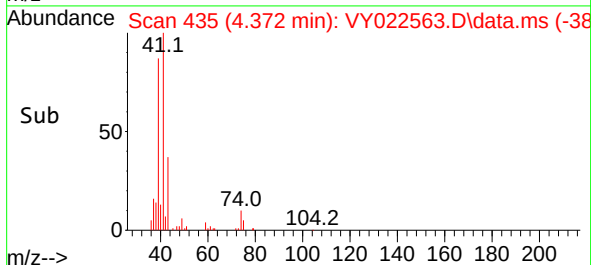
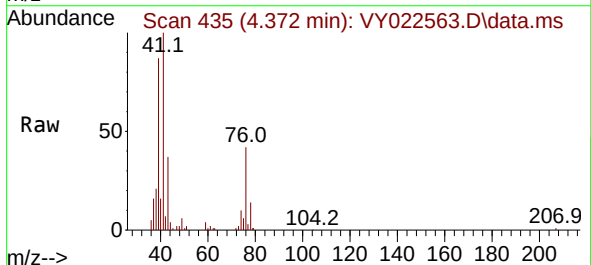


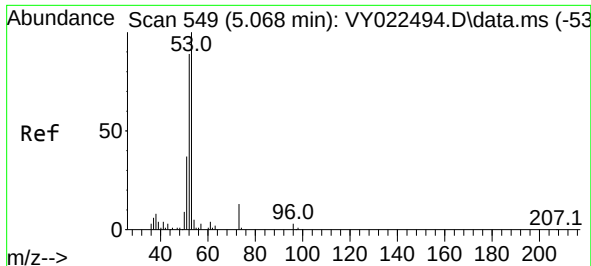
Tgt Ion: 56 Resp: 17986
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.6



#14
Allyl chloride
Concen: 21.678 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 41 Resp: 61208
Ion Ratio Lower Upper
41 100
39 86.7 69.1 103.7
76 41.3 33.5 50.3

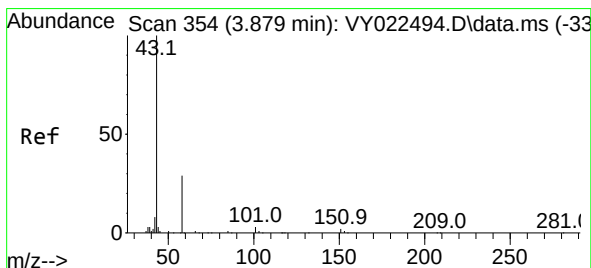
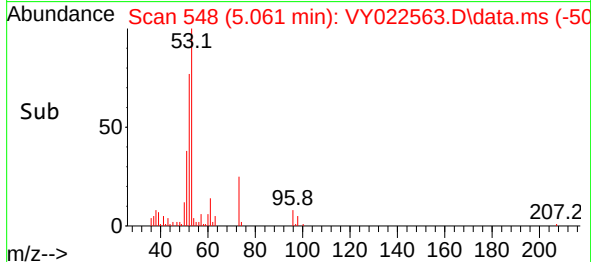
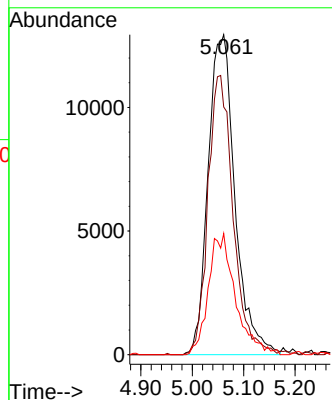
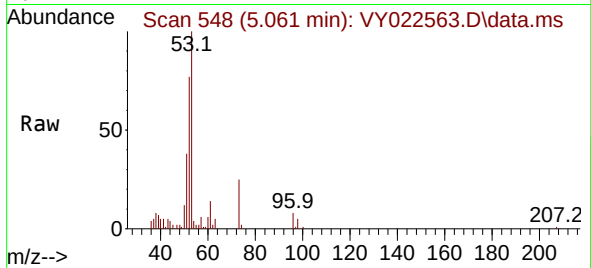




#15
Acrylonitrile
Concen: 110.086 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

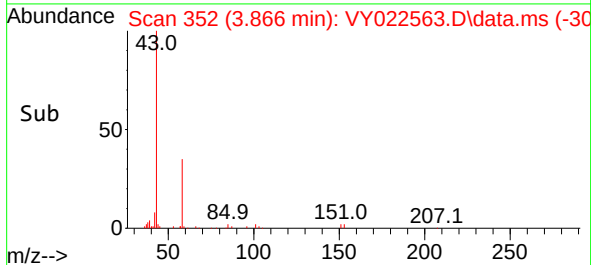
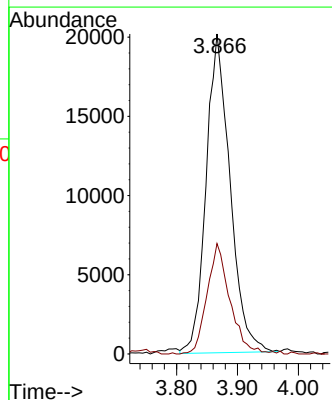
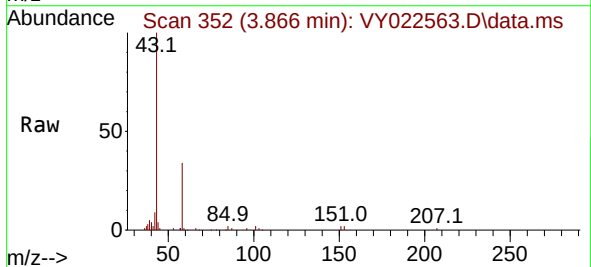
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

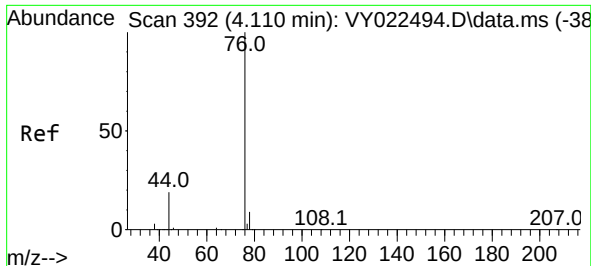
Tgt Ion: 53 Resp: 46908
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 38.0 30.1 45.1



#16
Acetone
Concen: 140.877 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 43 Resp: 54882
Ion Ratio Lower Upper
43 100
58 34.8 24.0 36.0

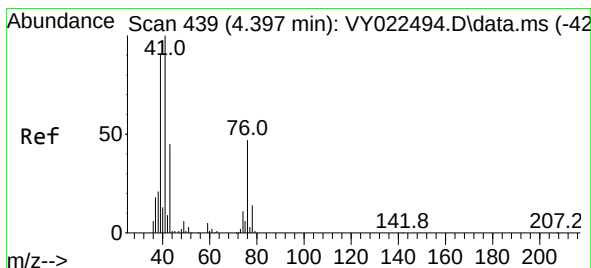
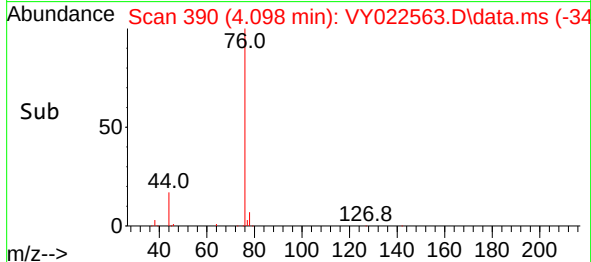
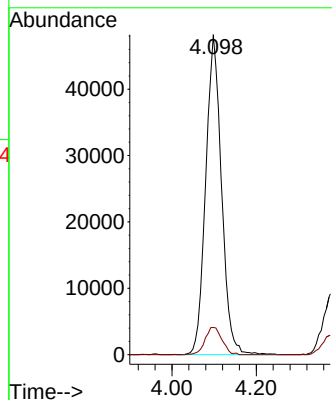
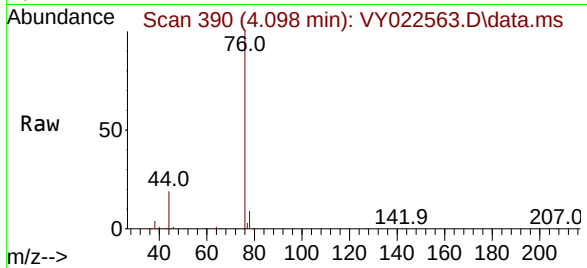




#17
Carbon Disulfide
Concen: 21.835 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

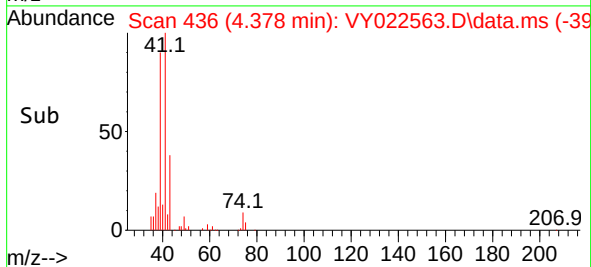
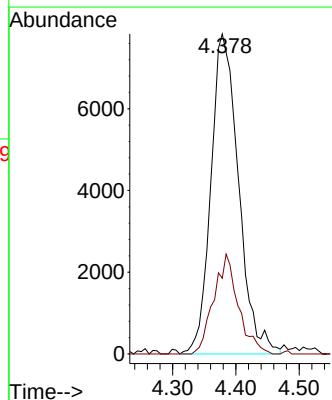
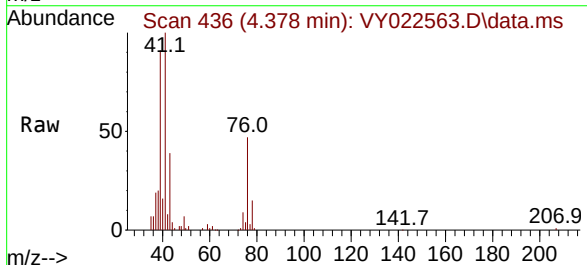
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

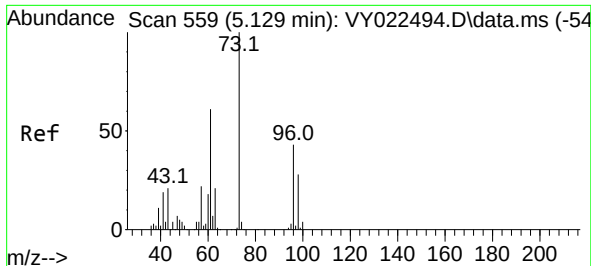
Tgt Ion: 76 Resp: 125734
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 20.606 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 43 Resp: 23772
Ion Ratio Lower Upper
43 100
74 27.8 19.8 29.6

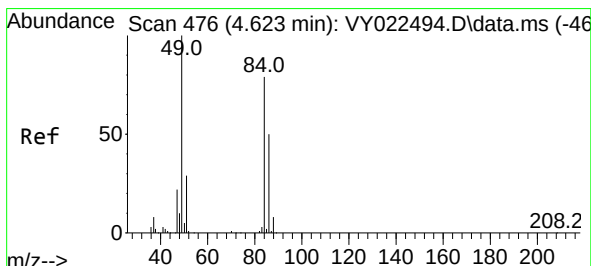
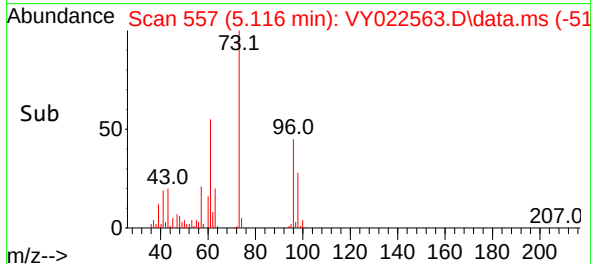
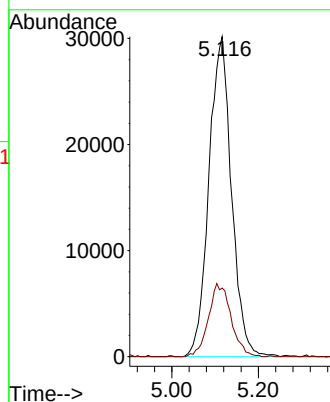
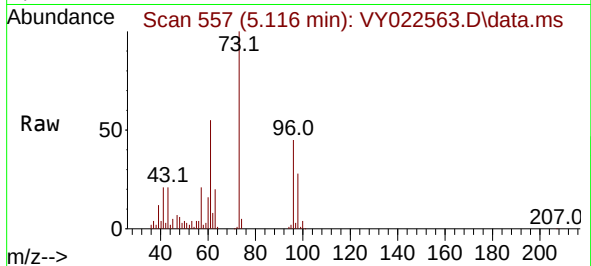




#19
Methyl tert-butyl Ether
Concen: 21.545 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

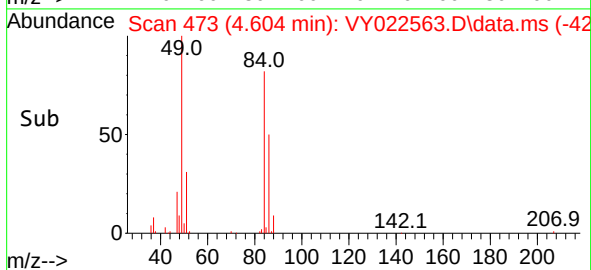
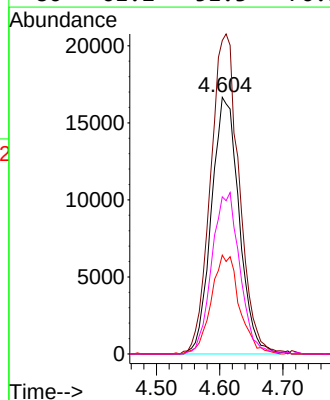
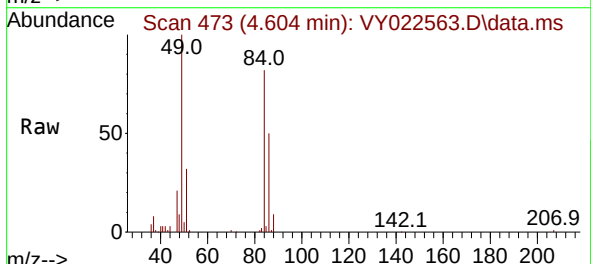
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

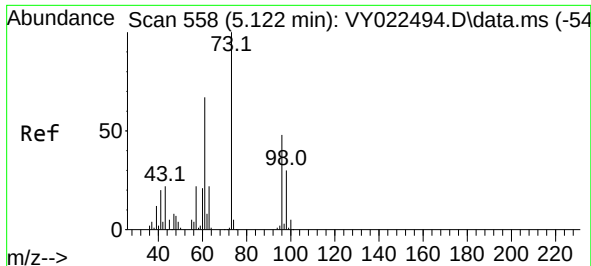
Tgt Ion: 73 Resp: 109144
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 22.888 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 84 Resp: 50649
Ion Ratio Lower Upper
84 100
49 122.1 101.9 152.9
51 38.5 29.8 44.8
86 61.2 51.3 76.9

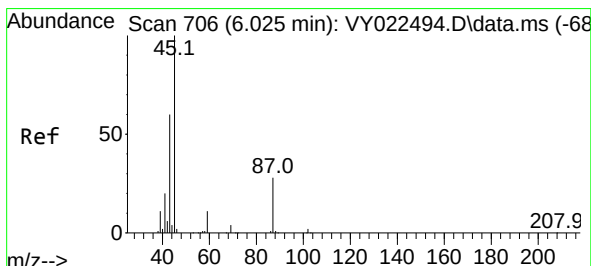
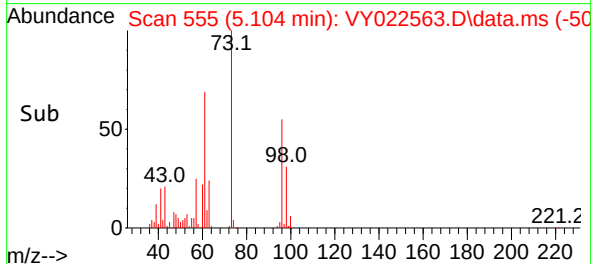
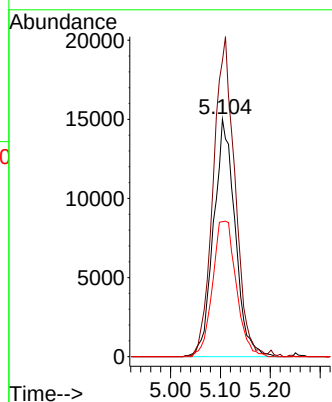
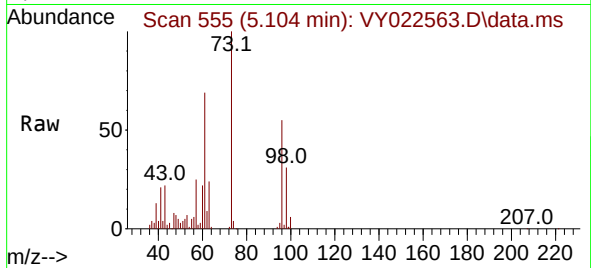




#21
trans-1,2-Dichloroethene
Concen: 22.357 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

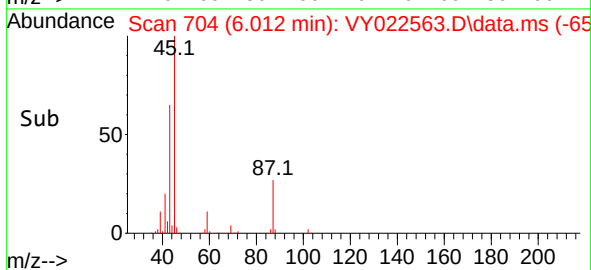
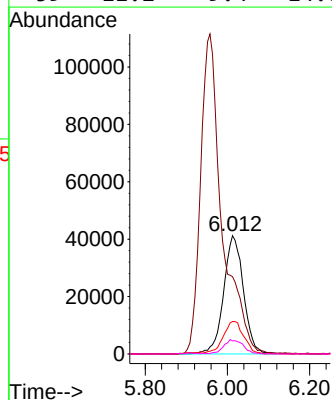
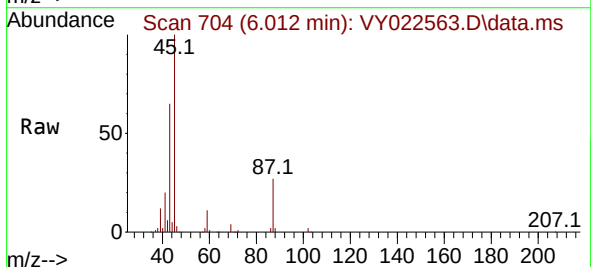
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

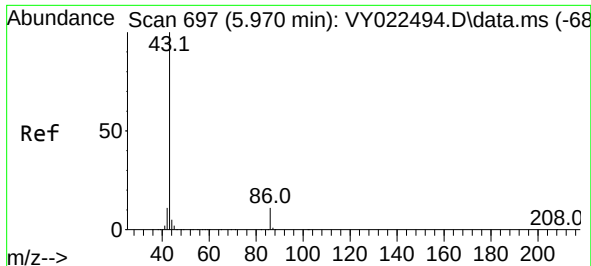
Tgt Ion: 96 Resp: 45005
Ion Ratio Lower Upper
96 100
61 124.6 112.6 169.0
98 56.8 50.6 75.8



#22
Diisopropyl ether
Concen: 21.955 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 45 Resp: 137987
Ion Ratio Lower Upper
45 100
43 64.8 48.3 72.5
87 27.3 23.0 34.6
59 11.2 9.4 14.0

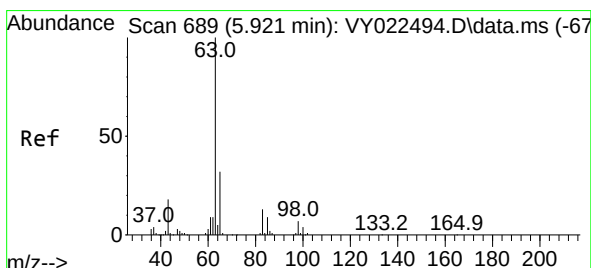
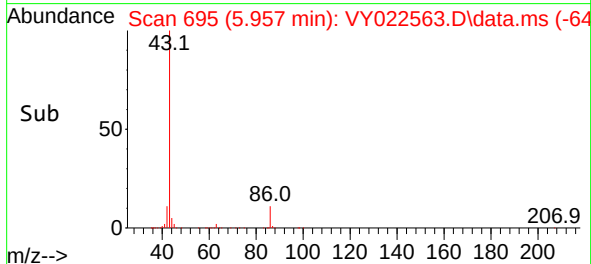
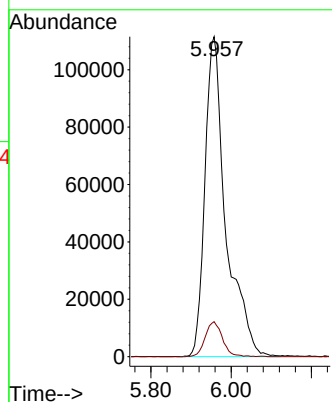
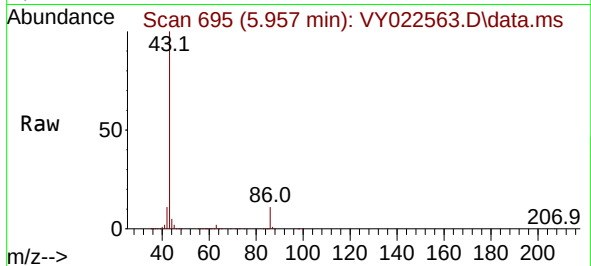




#23
 Vinyl Acetate
 Concen: 108.707 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022563.D
 Acq: 05 Jun 2025 10:31

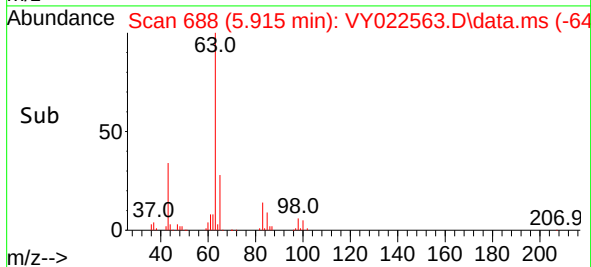
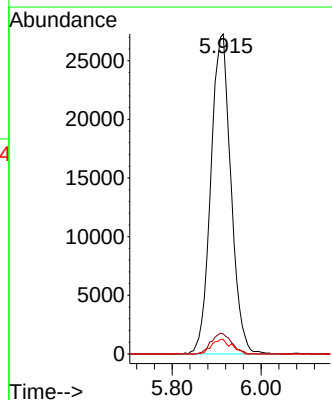
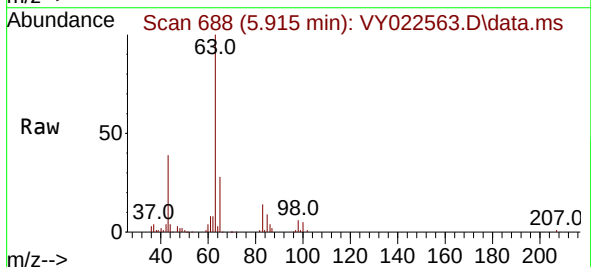
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBSD01

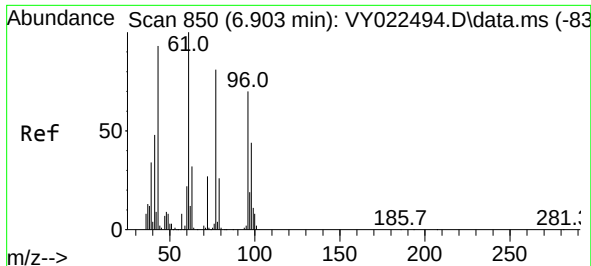
Tgt Ion: 43 Resp: 404379
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.095 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022563.D
 Acq: 05 Jun 2025 10:31

Tgt Ion: 63 Resp: 85509
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 126.501 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

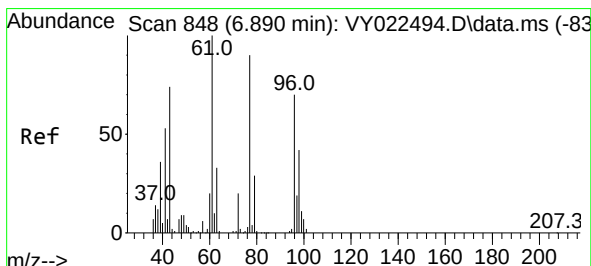
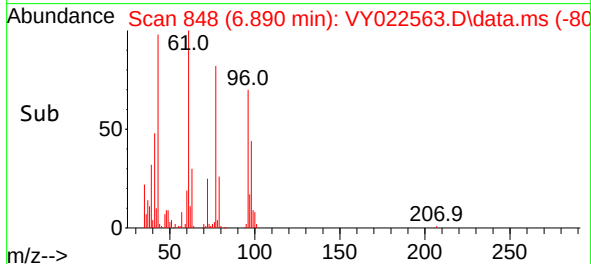
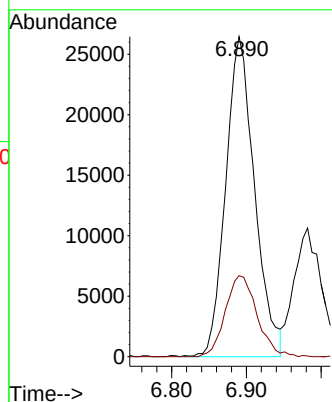
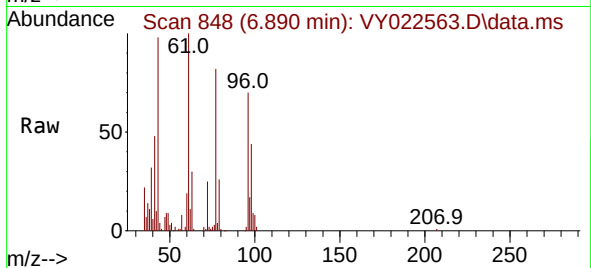
VY0605SBSD01

Tgt Ion: 43 Resp: 71086

Ion Ratio Lower Upper

43 100

72 25.3 22.9 34.3



#26

2,2-Dichloropropane

Concen: 22.303 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY022563.D

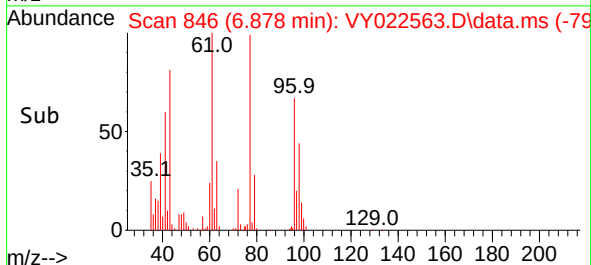
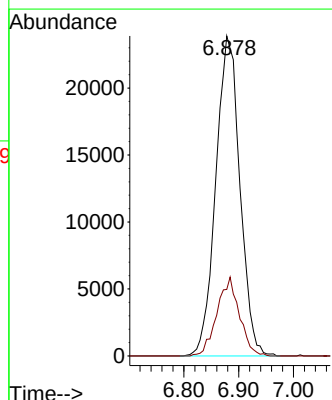
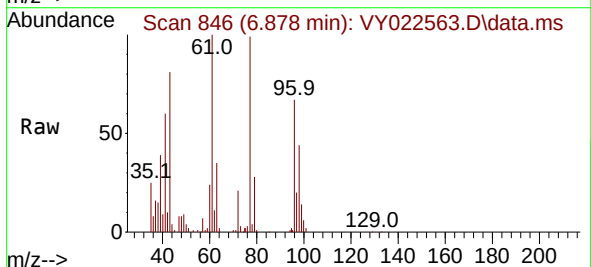
Acq: 05 Jun 2025 10:31

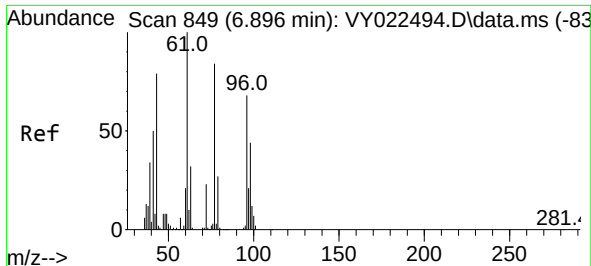
Tgt Ion: 77 Resp: 72964

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.326 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

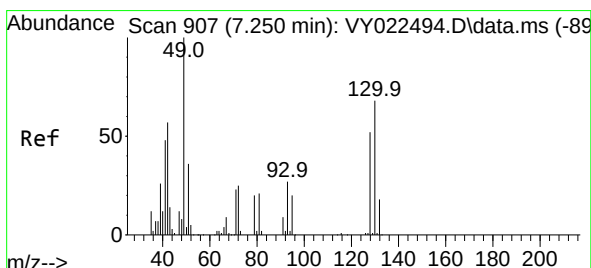
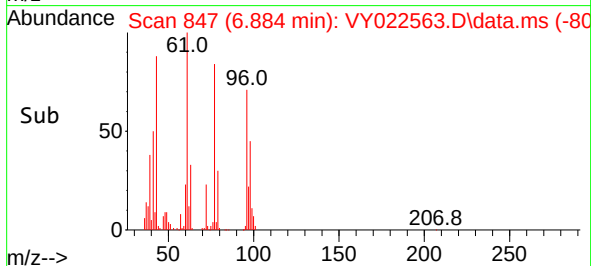
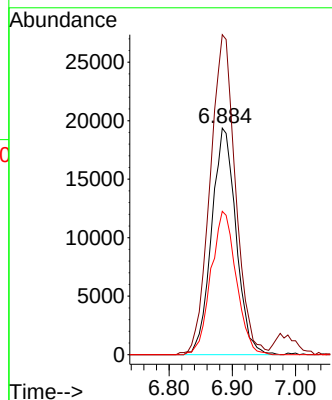
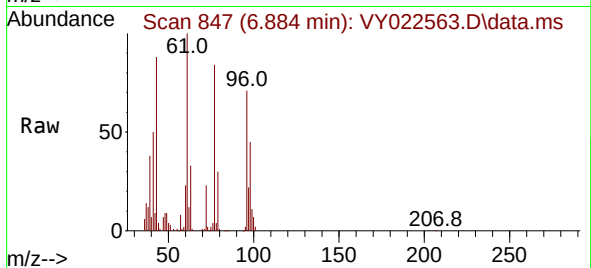
Tgt Ion: 96 Resp: 51947

Ion Ratio Lower Upper

96 100

61 147.2 0.0 290.0

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 20.922 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

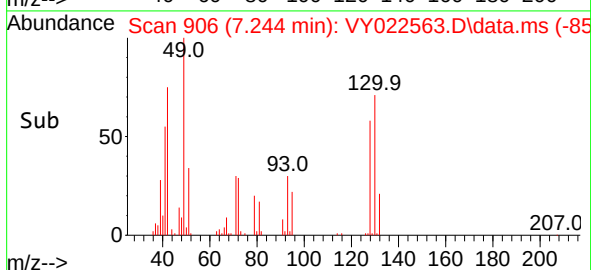
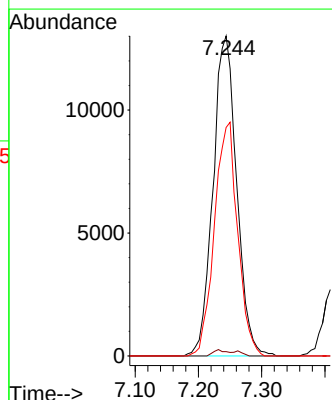
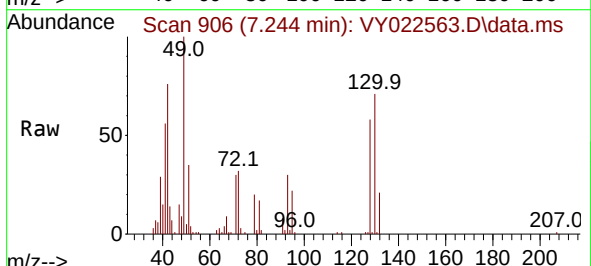
Tgt Ion: 49 Resp: 33767

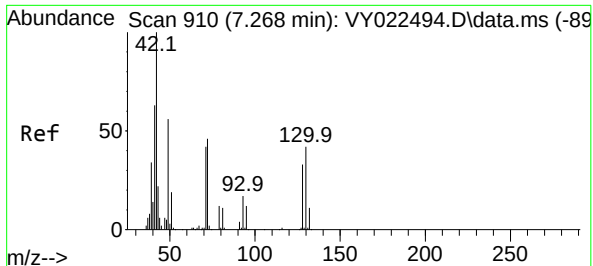
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.6

130 71.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 106.328 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

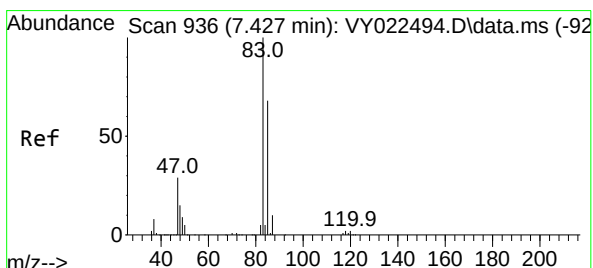
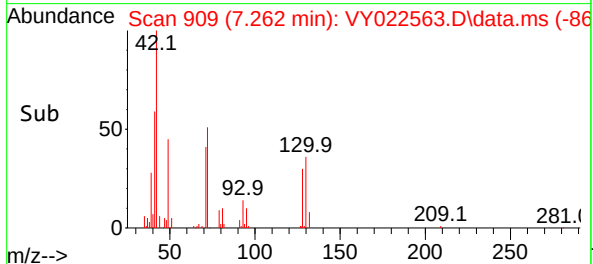
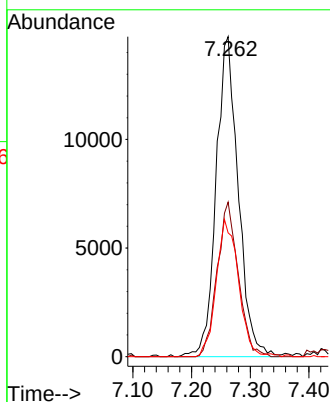
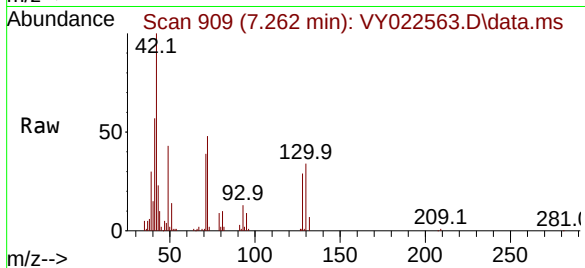
Tgt Ion: 42 Resp: 38537

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.2

71 42.7 34.2 51.2



#30

Chloroform

Concen: 22.765 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022563.D

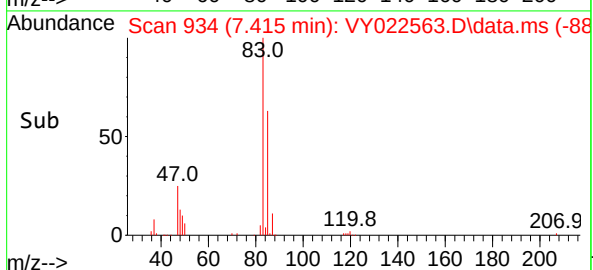
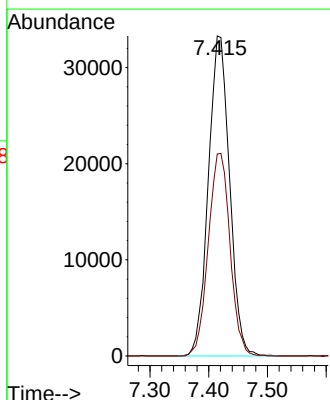
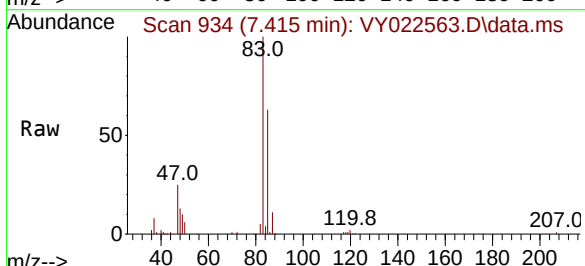
Acq: 05 Jun 2025 10:31

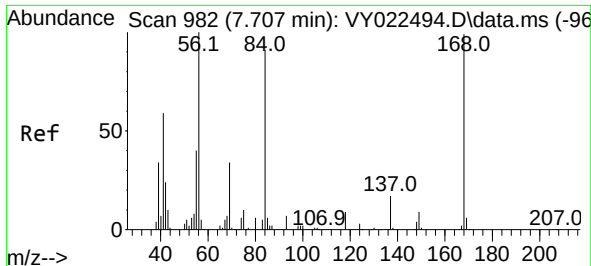
Tgt Ion: 83 Resp: 83488

Ion Ratio Lower Upper

83 100

85 63.1 54.2 81.4

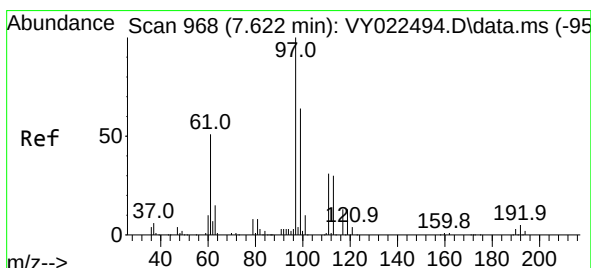
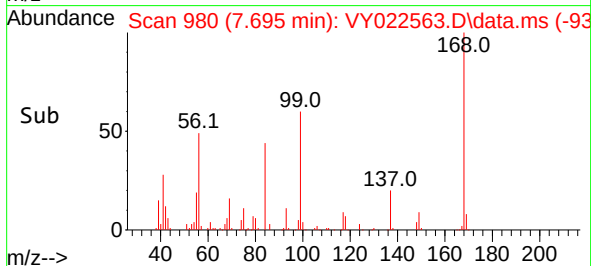
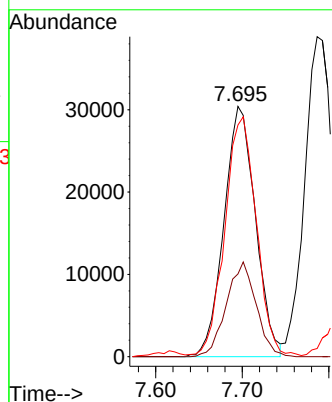
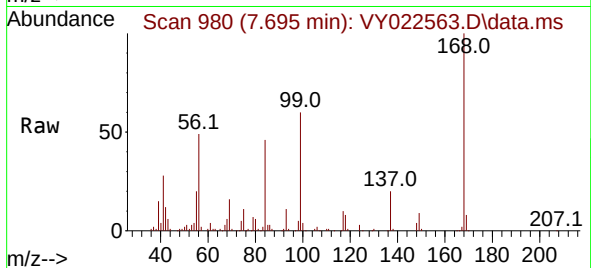




#31
Cyclohexane
Concen: 20.848 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

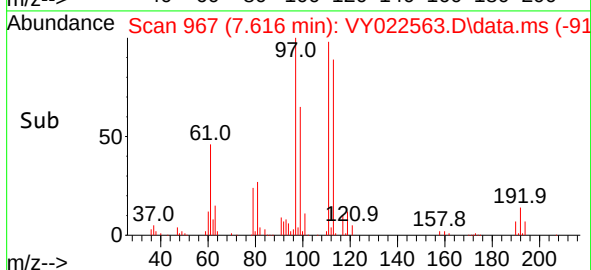
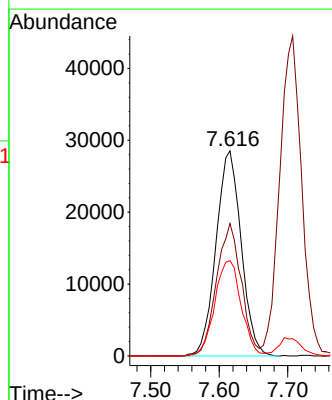
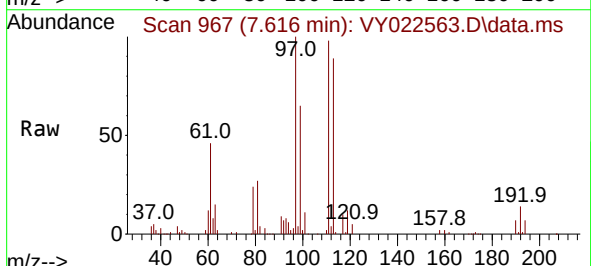
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

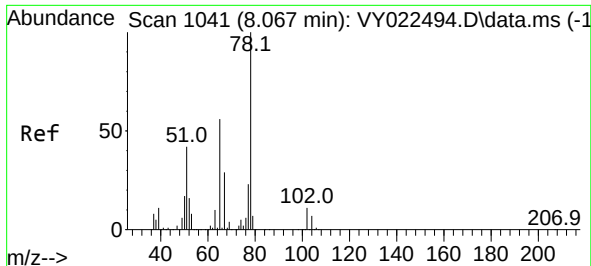
Tgt Ion: 56 Resp: 76849
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 91.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.349 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 97 Resp: 72758
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 48.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.484 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

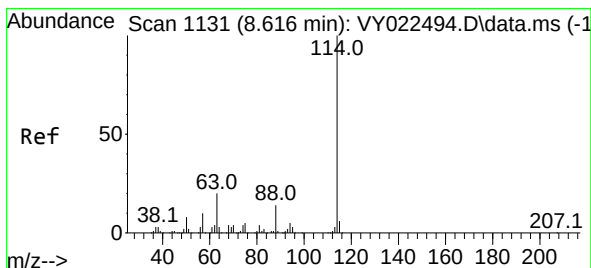
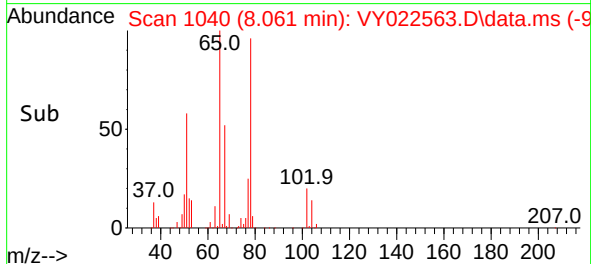
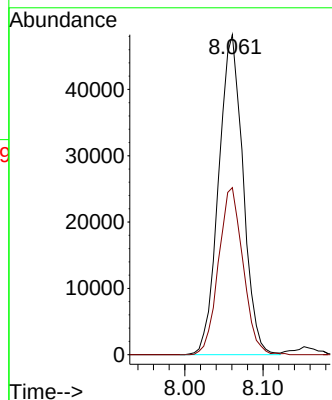
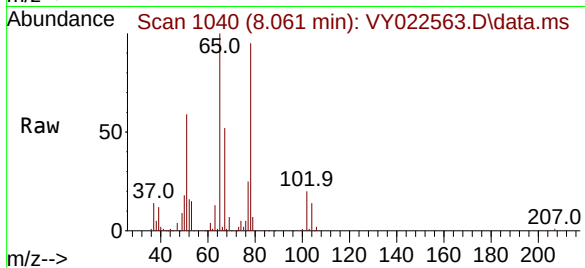
VY0605SBS01

Tgt Ion: 65 Resp: 104515

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

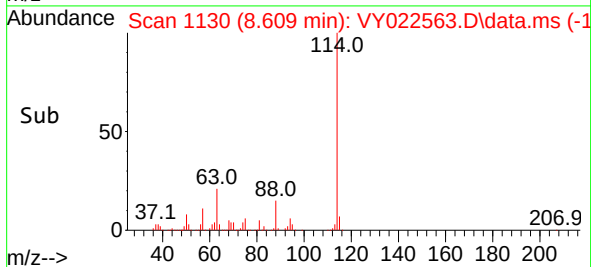
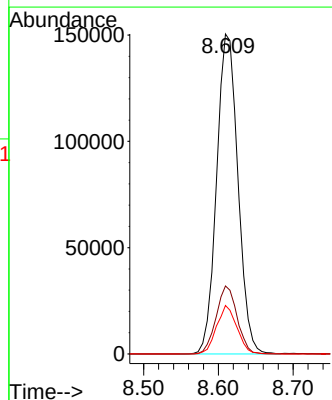
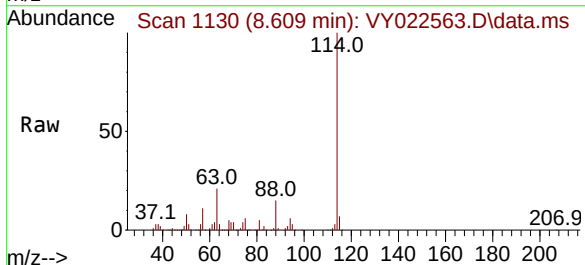
Tgt Ion: 114 Resp: 299069

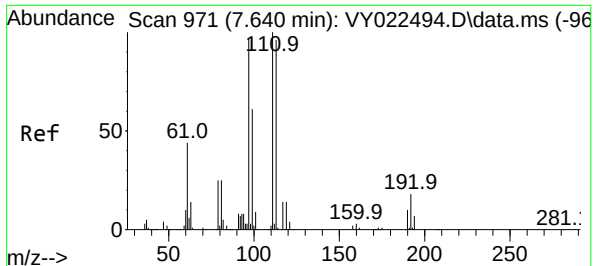
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 15.2 0.0 27.8

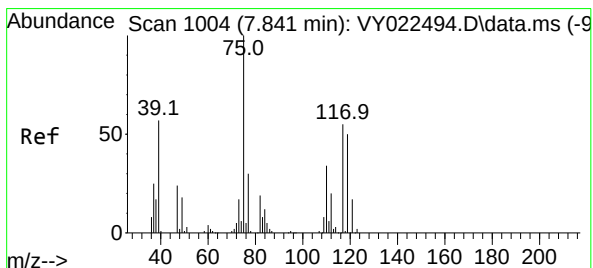
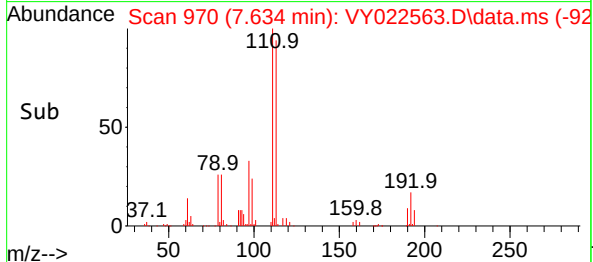
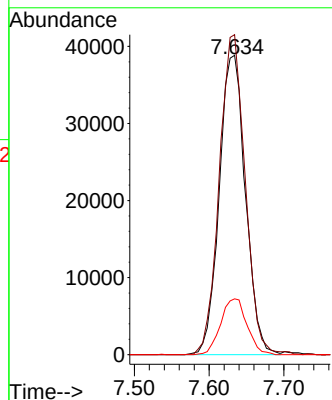
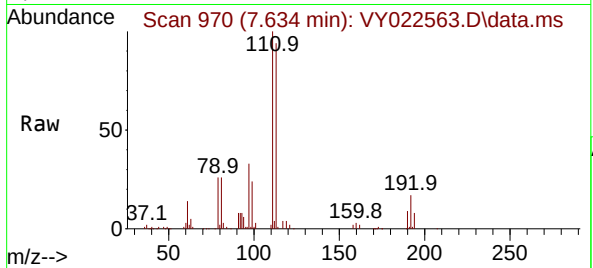




#35
Dibromofluoromethane
Concen: 53.015 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

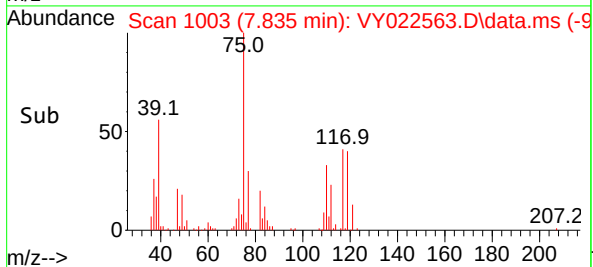
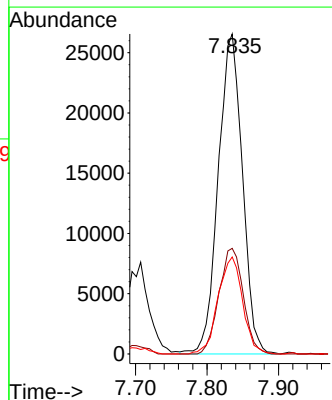
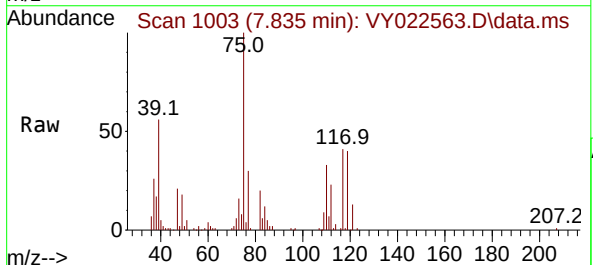
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

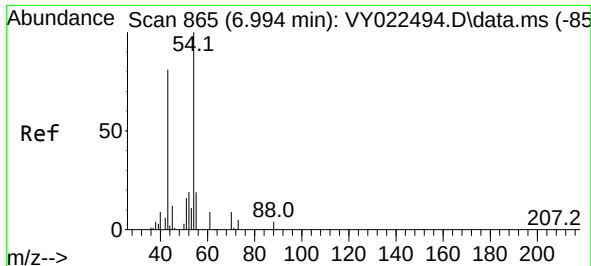
Tgt Ion:113 Resp: 94636
Ion Ratio Lower Upper
113 100
111 105.7 81.1 121.7
192 18.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.528 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 75 Resp: 62370
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.7
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 20.972 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

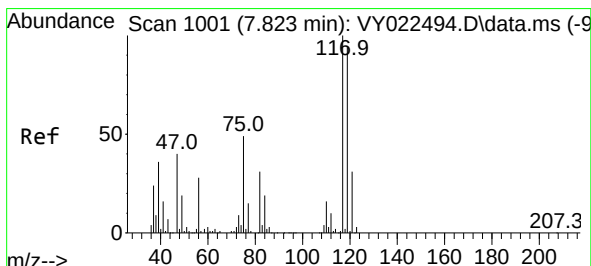
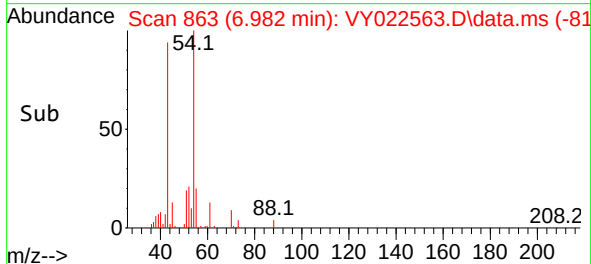
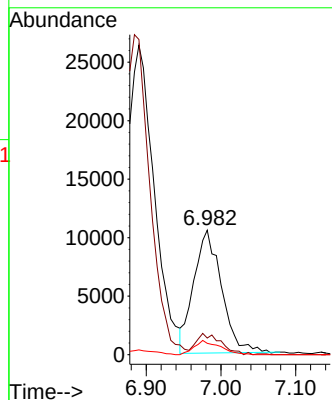
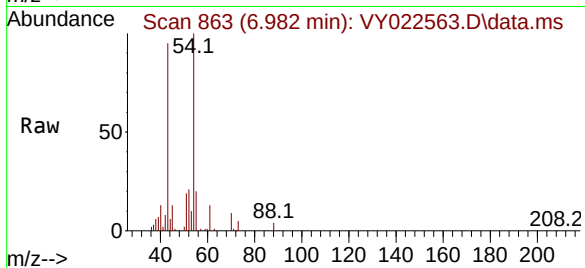
Tgt Ion: 43 Resp: 27096

Ion Ratio Lower Upper

43 100

61 14.3 11.5 17.3

70 10.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.175 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

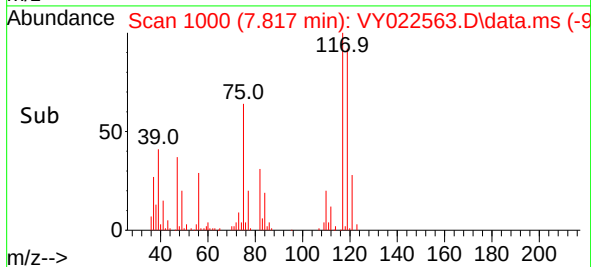
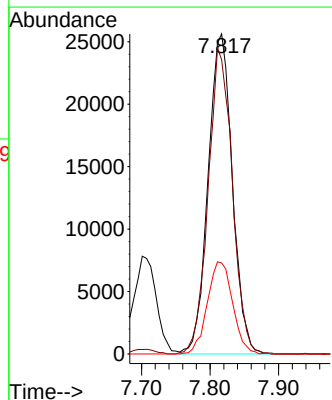
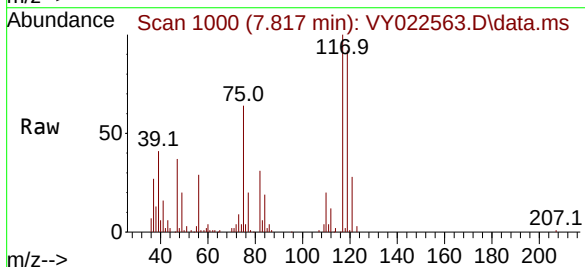
Tgt Ion: 117 Resp: 62934

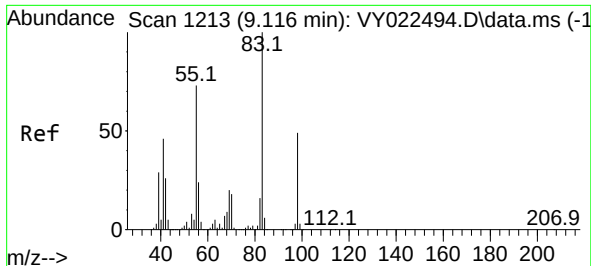
Ion Ratio Lower Upper

117 100

119 92.0 75.0 112.6

121 28.5 25.0 37.4





#39

Methylcyclohexane

Concen: 20.404 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

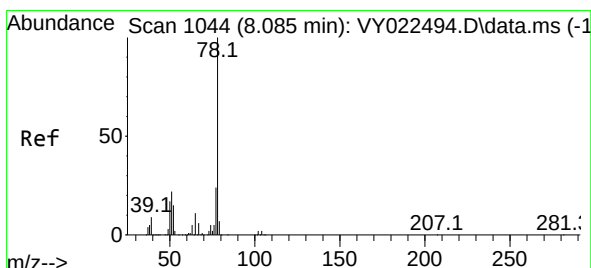
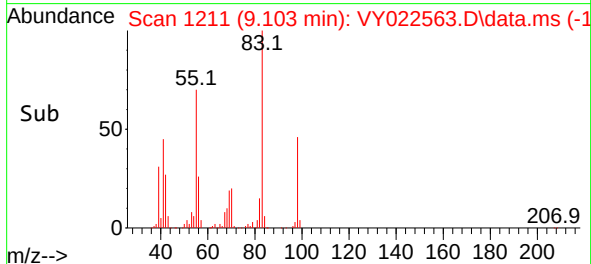
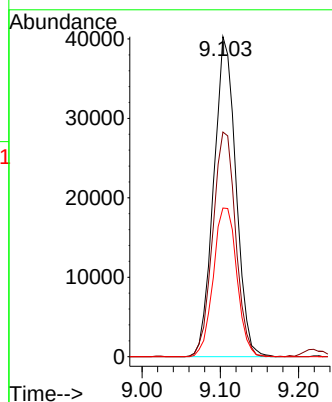
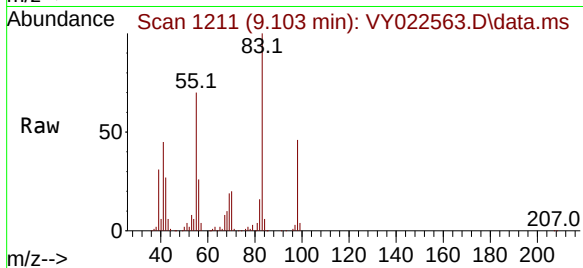
Tgt Ion: 83 Resp: 79441

Ion Ratio Lower Upper

83 100

55 70.2 58.1 87.1

98 46.4 39.0 58.6



#40

Benzene

Concen: 22.277 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022563.D

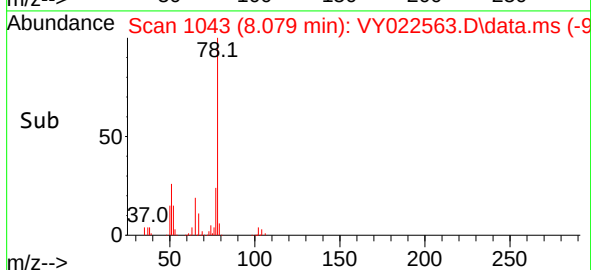
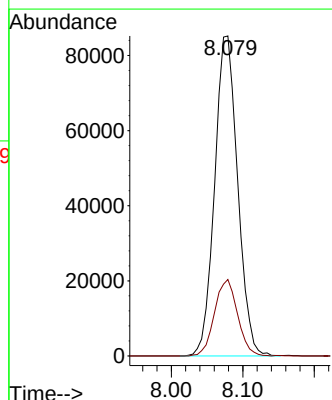
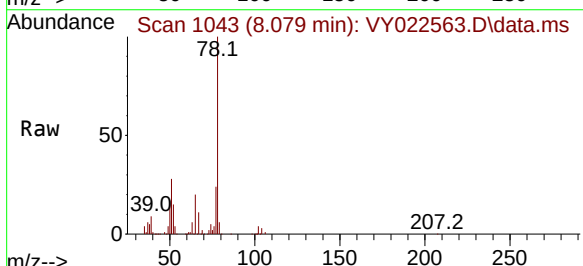
Acq: 05 Jun 2025 10:31

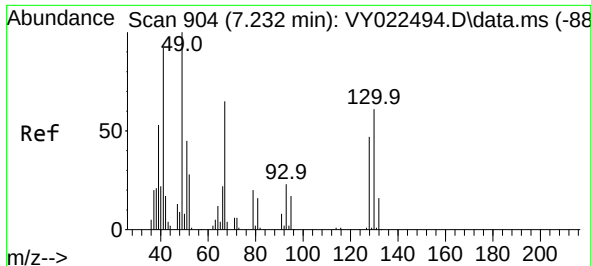
Tgt Ion: 78 Resp: 190626

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

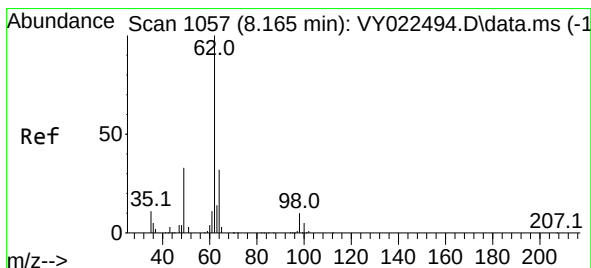
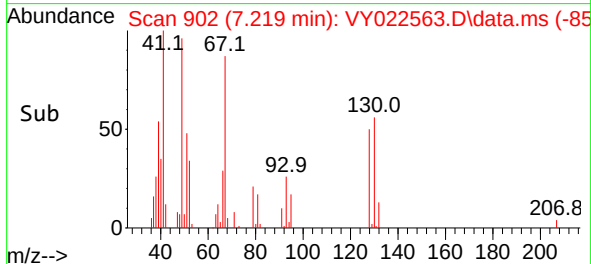
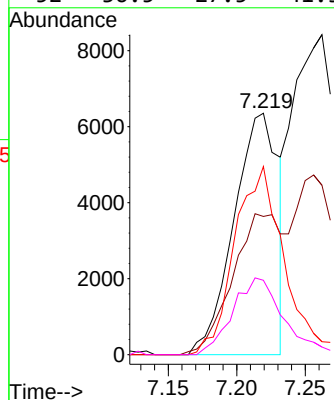
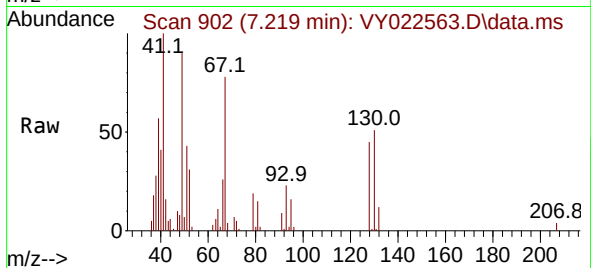




#41
Methacrylonitrile
Concen: 19.026 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

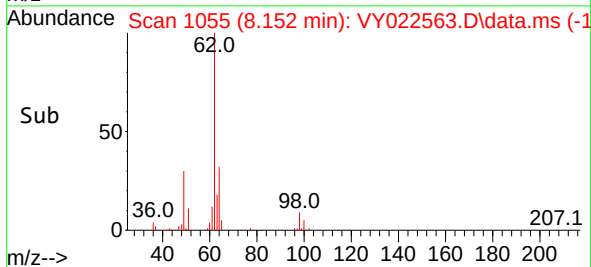
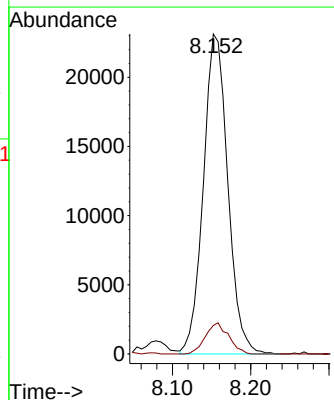
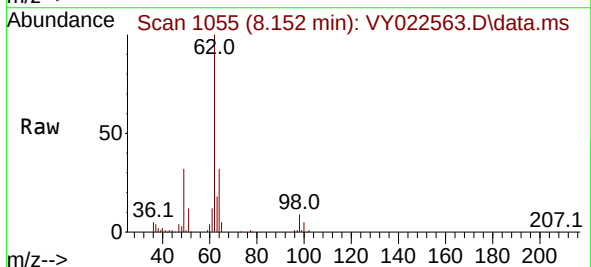
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

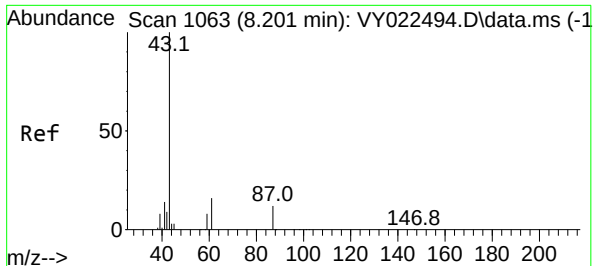
Tgt Ion:	41	Resp:	14358
Ion	Ratio	Lower	Upper
41	100		
39	61.8	46.6	69.8
67	86.9	63.3	94.9
52	36.5	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.470 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:	62	Resp:	50165
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

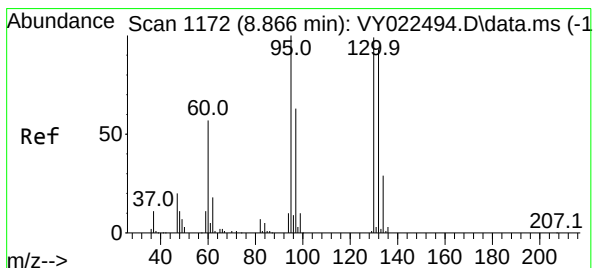
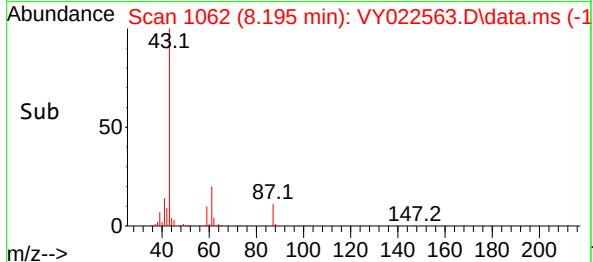
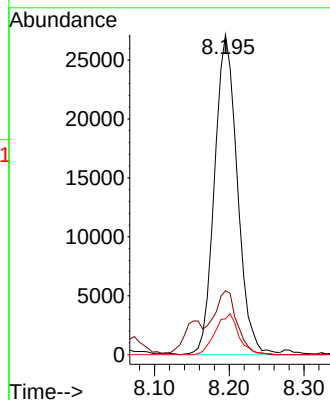
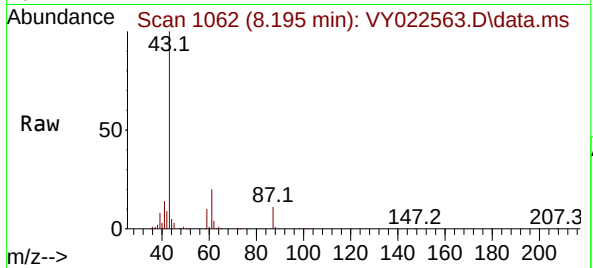




#43
Isopropyl Acetate
Concen: 20.651 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

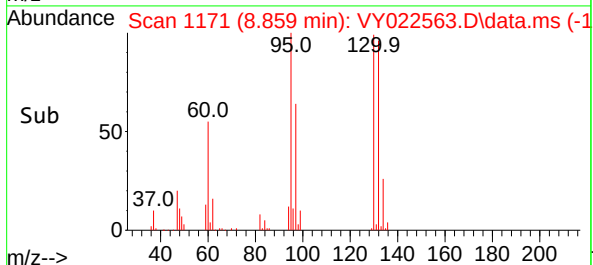
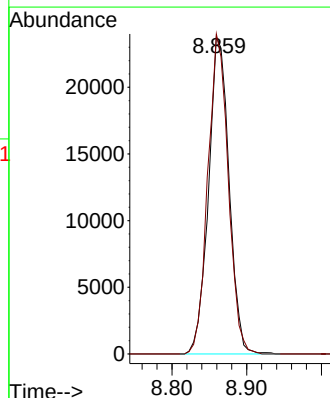
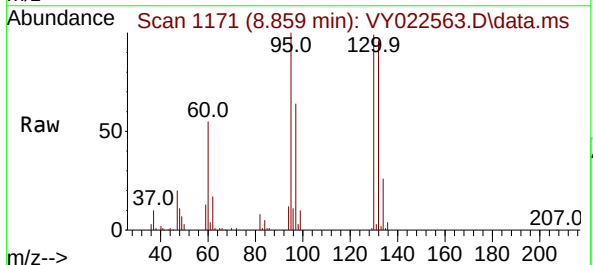
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

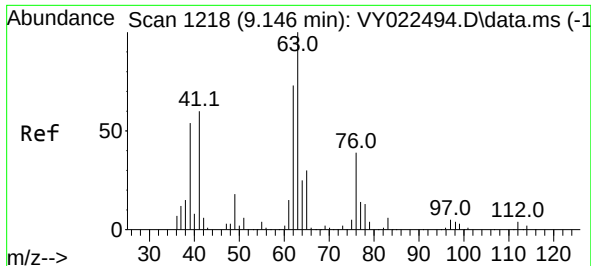
Tgt Ion: 43 Resp: 57623
Ion Ratio Lower Upper
43 100
61 20.8 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 21.769 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:130 Resp: 45527
Ion Ratio Lower Upper
130 100
95 100.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.021 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

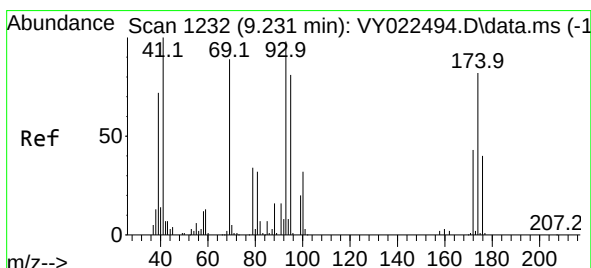
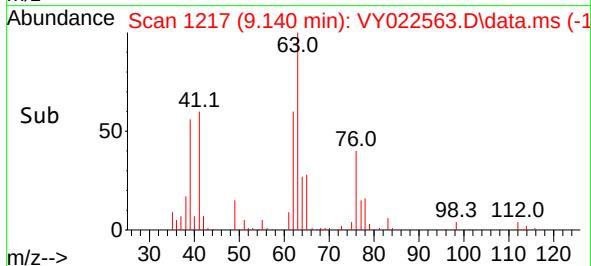
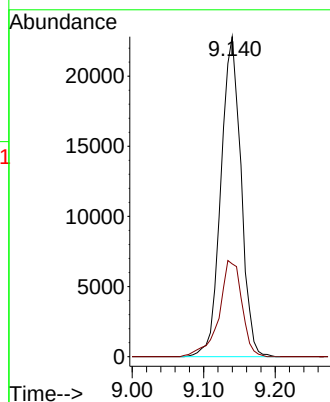
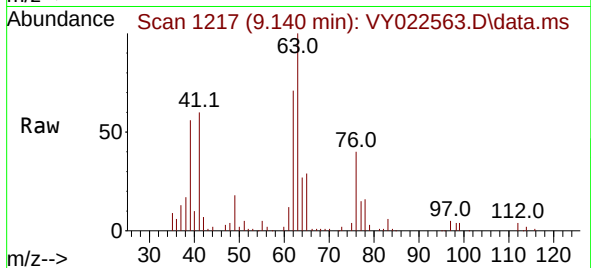
VY0605SBS01

Tgt Ion: 63 Resp: 44534

Ion Ratio Lower Upper

63 100

65 29.0 24.0 36.0



#46

Dibromomethane

Concen: 20.888 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

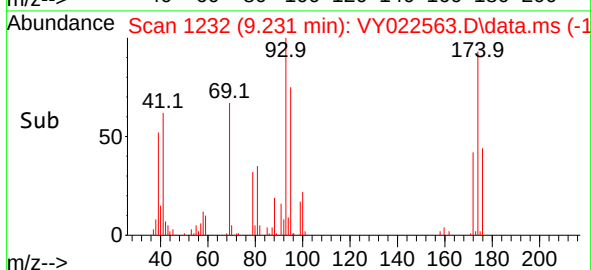
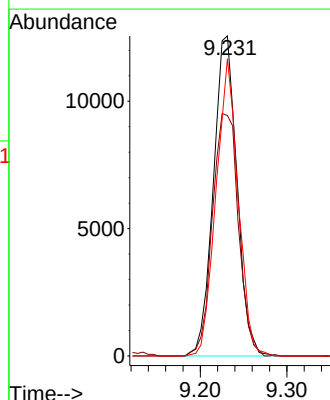
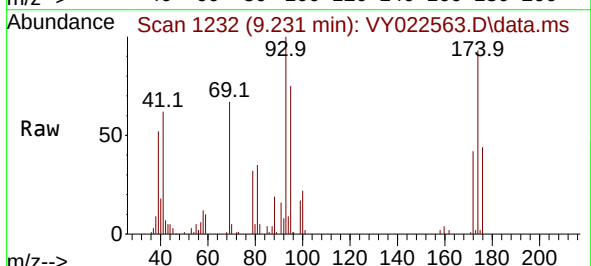
Tgt Ion: 93 Resp: 23765

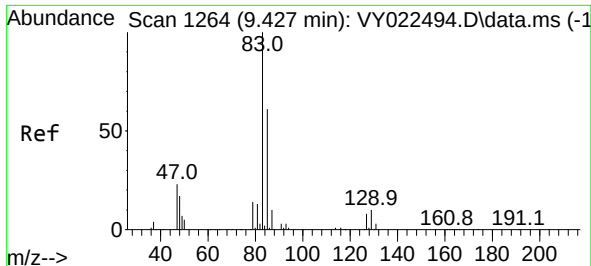
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 86.8 70.4 105.6

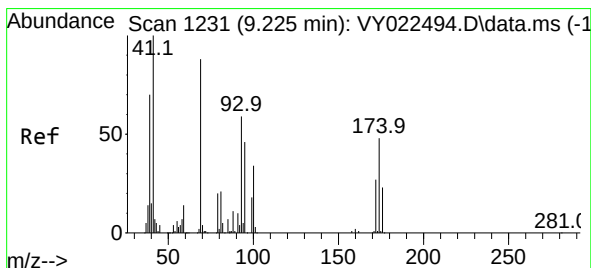
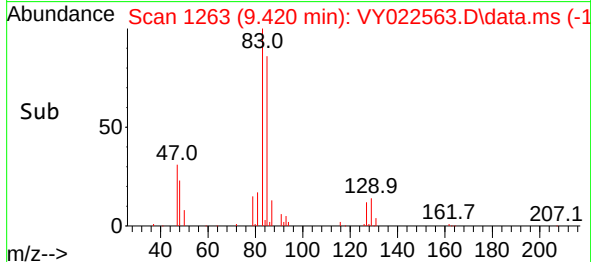
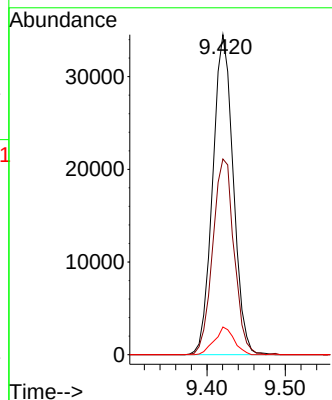
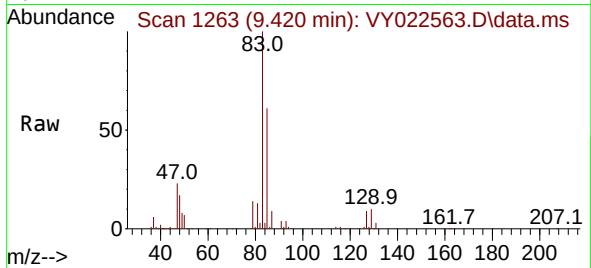




#47
Bromodichloromethane
Concen: 21.850 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

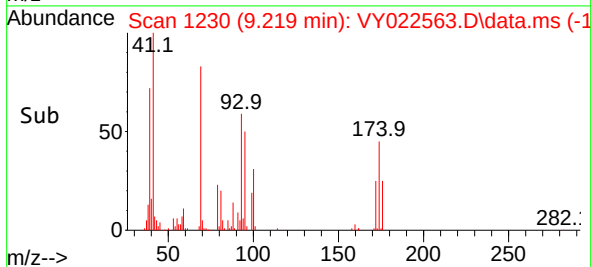
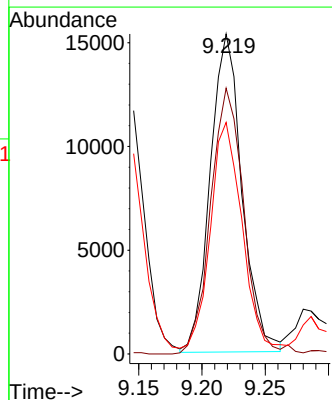
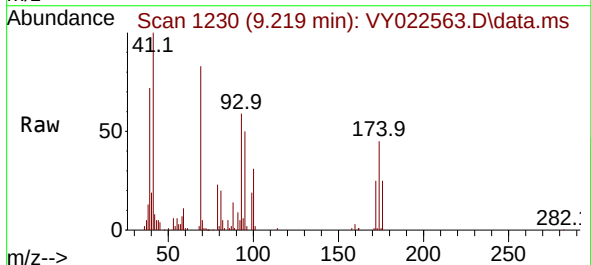
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

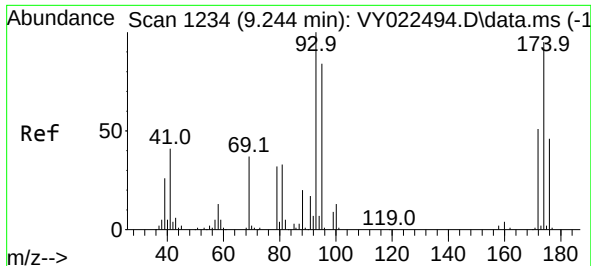
Tgt Ion: 83 Resp: 63034
Ion Ratio Lower Upper
83 100
85 61.1 49.1 73.7
127 8.7 6.2 9.4



#48
Methyl methacrylate
Concen: 20.470 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 41 Resp: 26807
Ion Ratio Lower Upper
41 100
69 87.2 67.8 101.8
39 70.1 55.0 82.4





#49

1,4-Dioxane

Concen: 428.524 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

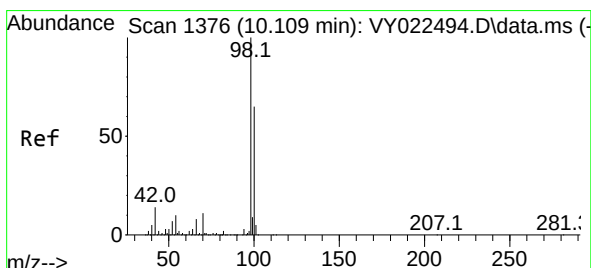
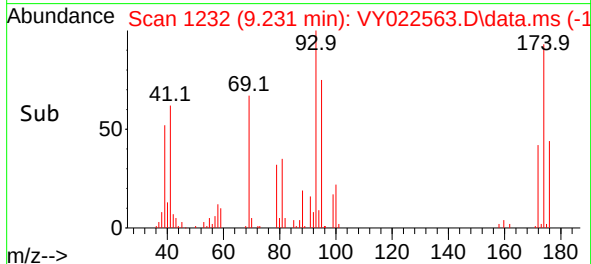
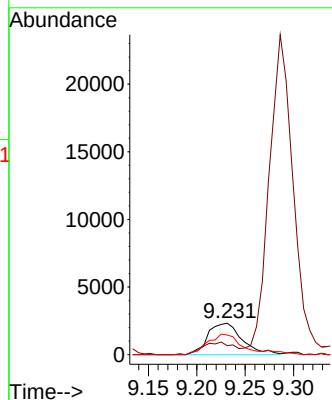
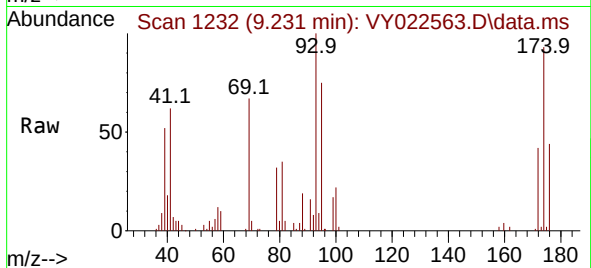
Tgt Ion: 88 Resp: 5776

Ion Ratio Lower Upper

88 100

43 35.3 25.4 38.2

58 62.2 54.9 82.3



#50

Toluene-d8

Concen: 53.660 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022563.D

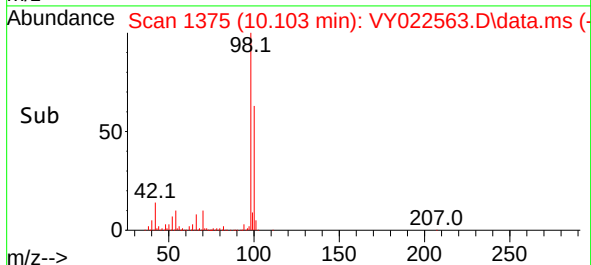
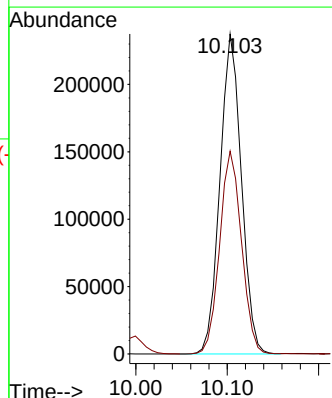
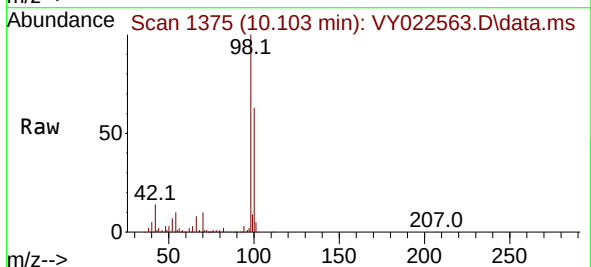
Acq: 05 Jun 2025 10:31

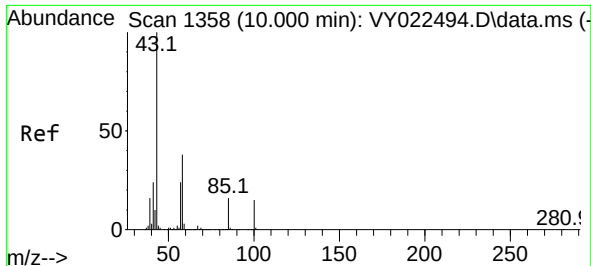
Tgt Ion: 98 Resp: 387044

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

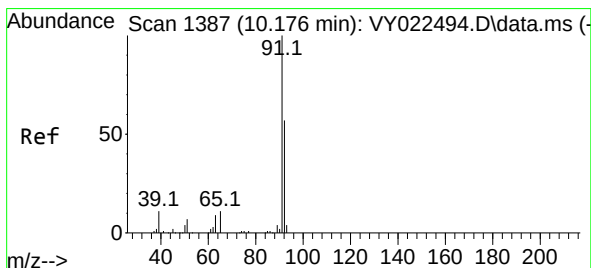
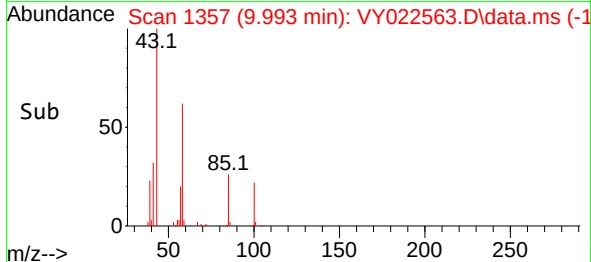
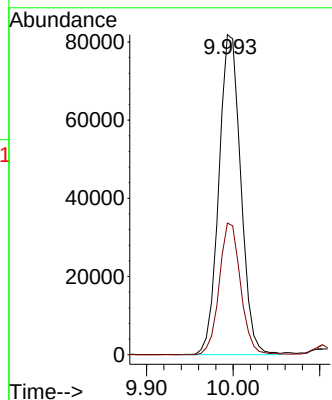
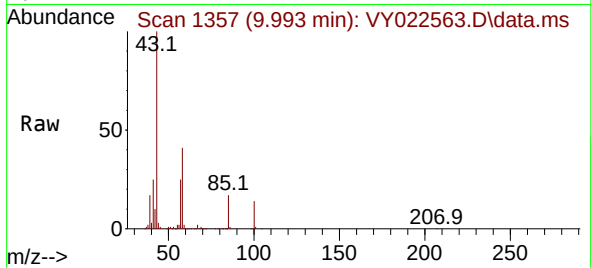




#51
4-Methyl-2-Pentanone
Concen: 103.576 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

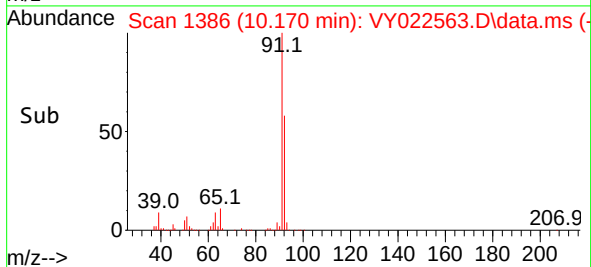
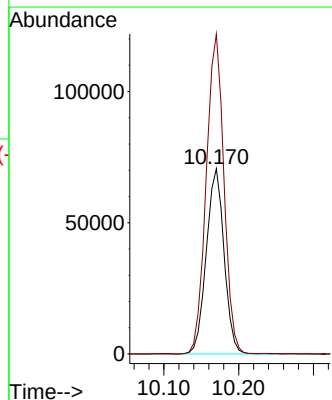
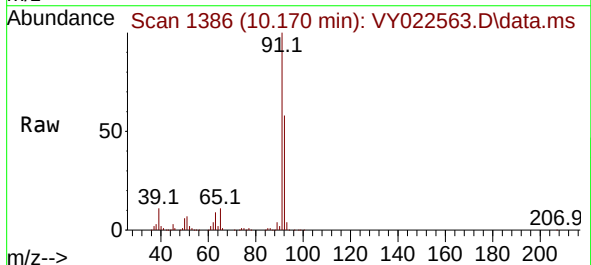
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

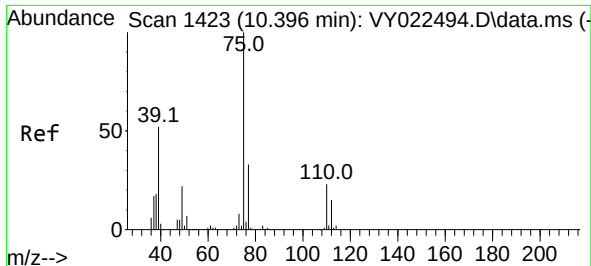
Tgt Ion: 43 Resp: 144095
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6



#52
Toluene
Concen: 21.670 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 92 Resp: 116529
Ion Ratio Lower Upper
92 100
91 171.8 139.0 208.4

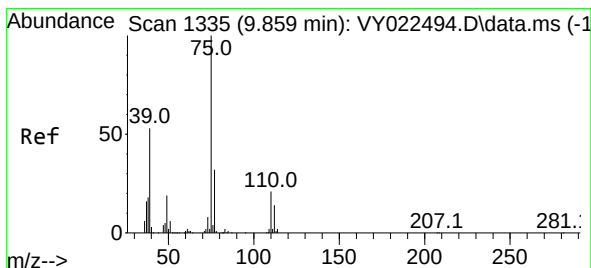
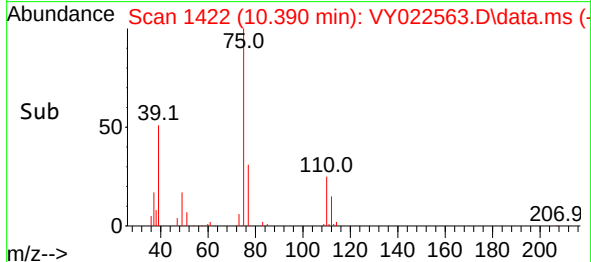
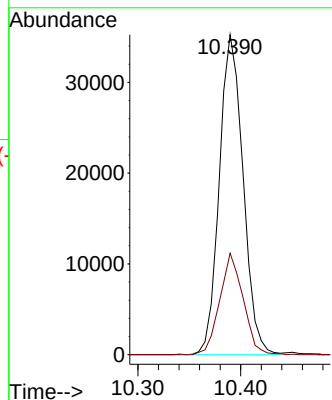
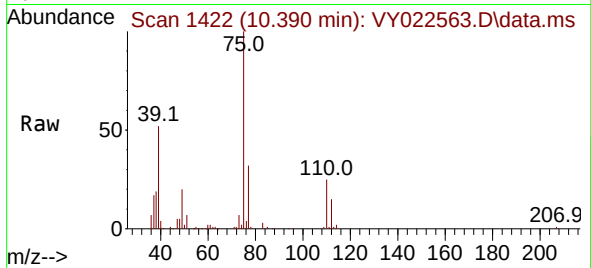




#53
t-1,3-Dichloropropene
Concen: 20.924 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

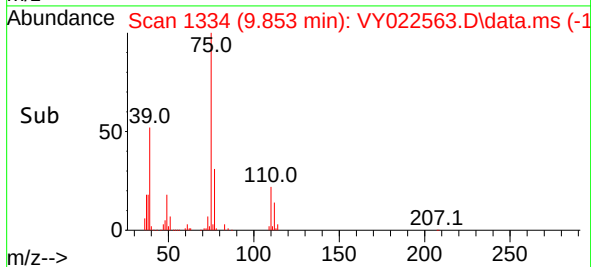
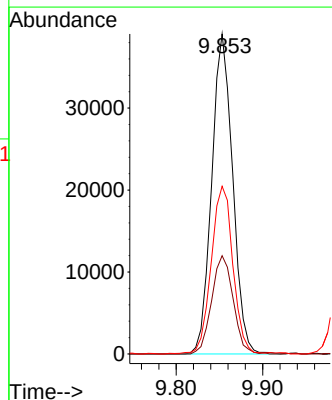
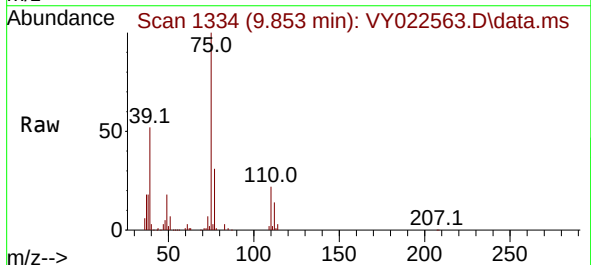
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

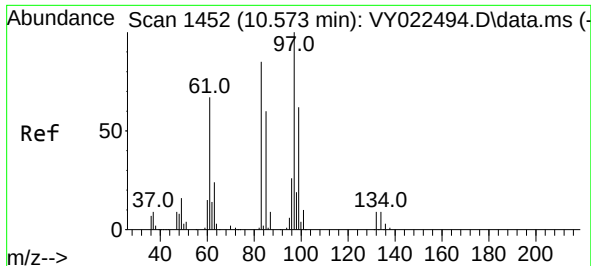
Tgt Ion: 75 Resp: 56558
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.831 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 75 Resp: 65544
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 52.2 42.7 64.1

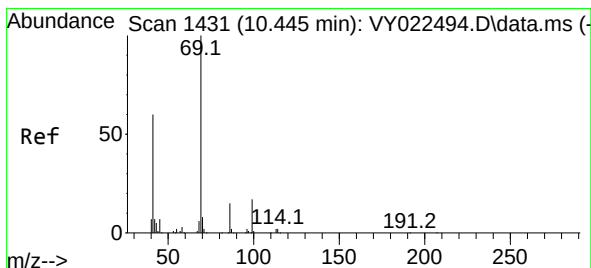
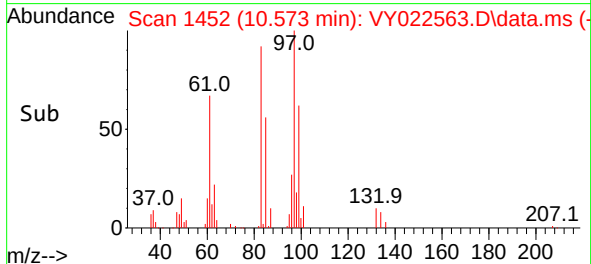
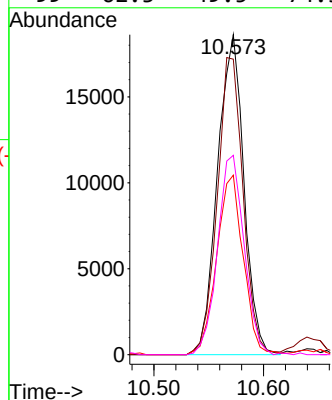
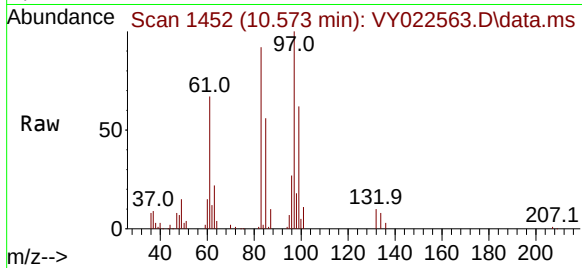




#55
1,1,2-Trichloroethane
Concen: 21.451 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

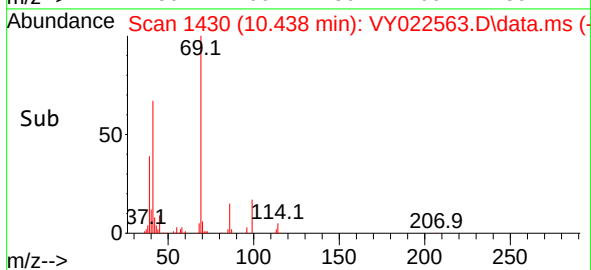
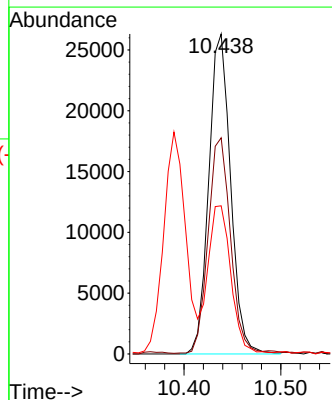
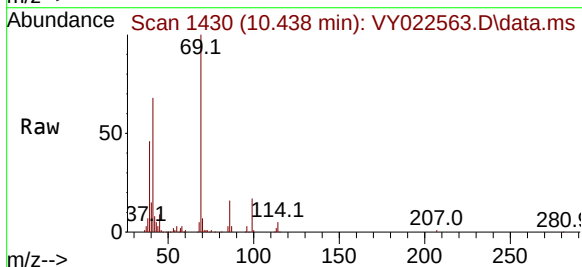
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

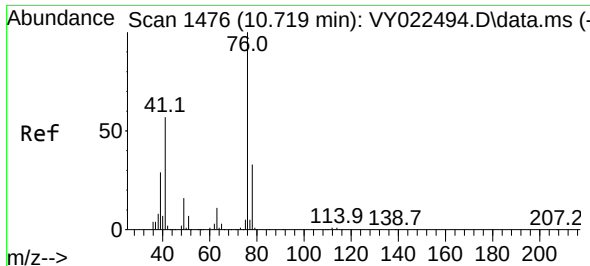
Tgt Ion:	97	Resp:	31120
Ion	Ratio	Lower	Upper
97	100		
83	92.4	68.1	102.1
85	56.1	48.2	72.2
99	62.3	49.5	74.3



#56
Ethyl methacrylate
Concen: 19.707 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:	69	Resp:	41323
Ion	Ratio	Lower	Upper
69	100		
41	69.5	52.2	78.2
39	47.7	36.7	55.1

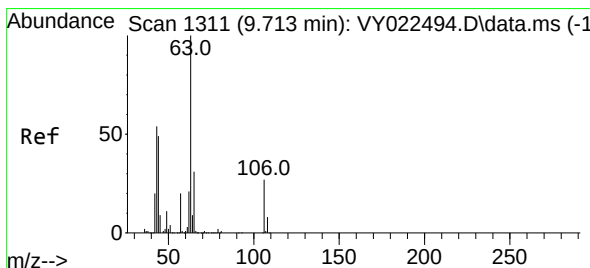
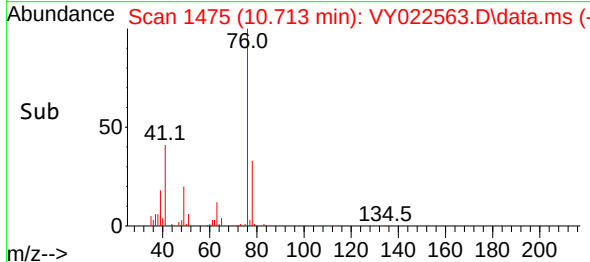
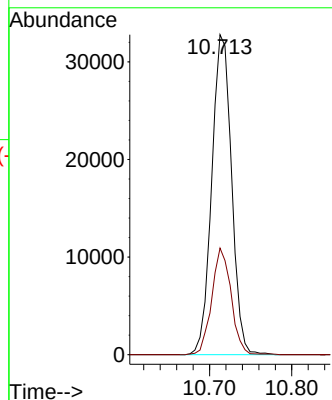
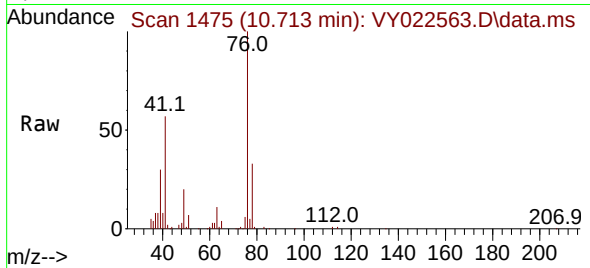




#57
1,3-Dichloropropane
Concen: 21.364 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

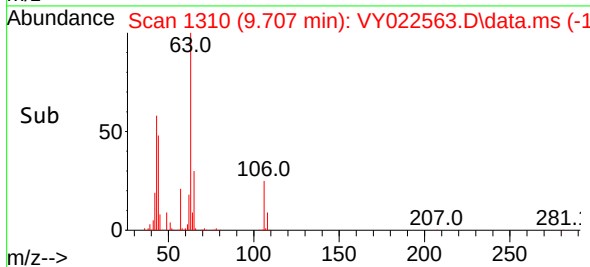
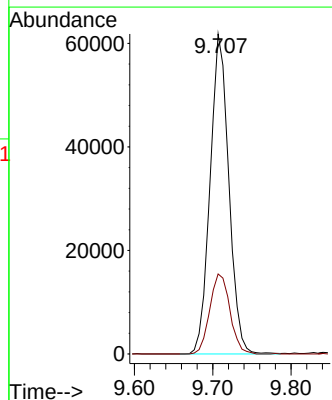
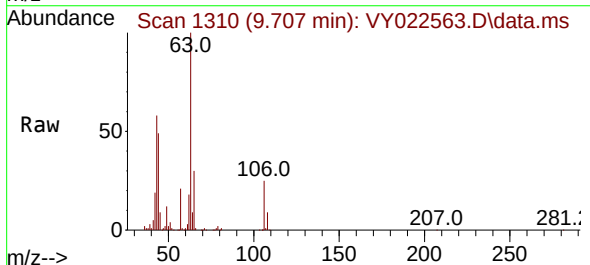
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

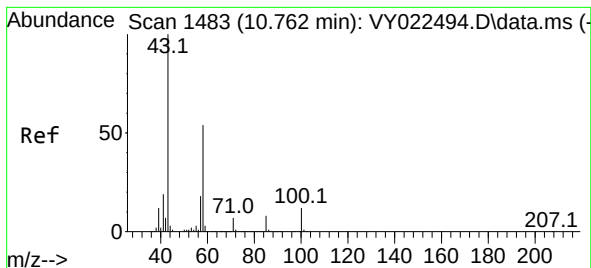
Tgt Ion: 76 Resp: 54935
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 107.660 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 63 Resp: 102493
Ion Ratio Lower Upper
63 100
106 26.8 21.6 32.4

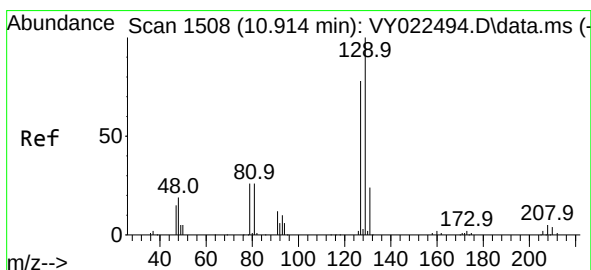
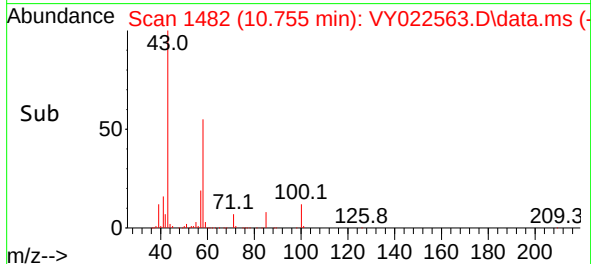
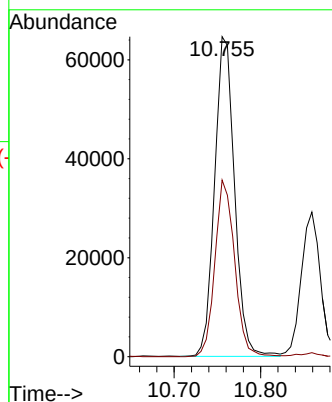
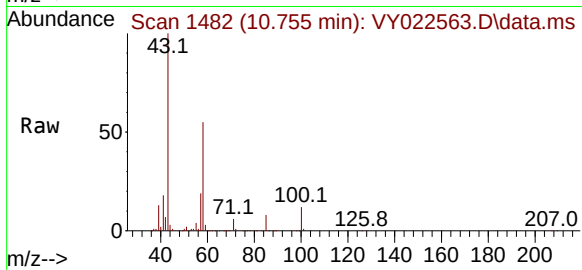




#59
2-Hexanone
Concen: 111.292 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

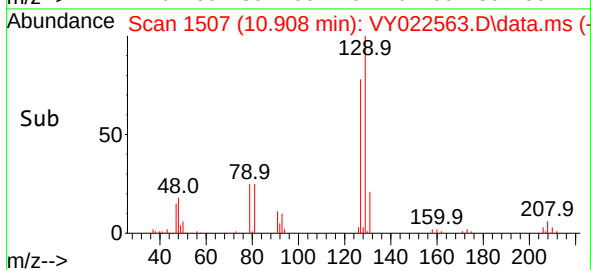
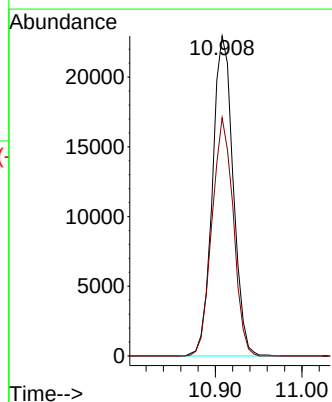
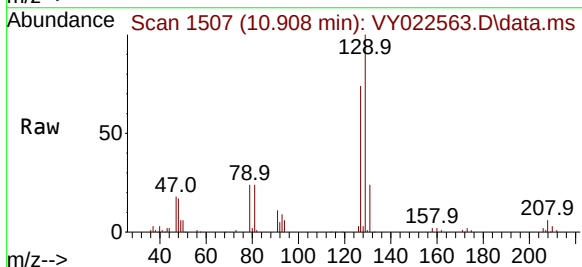
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

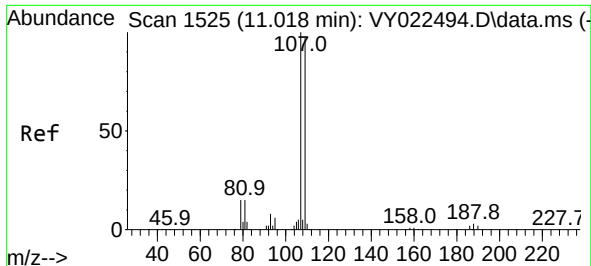
Tgt Ion: 43 Resp: 103548
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.651 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:129 Resp: 38073
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

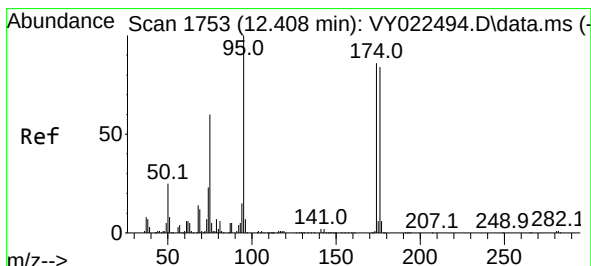
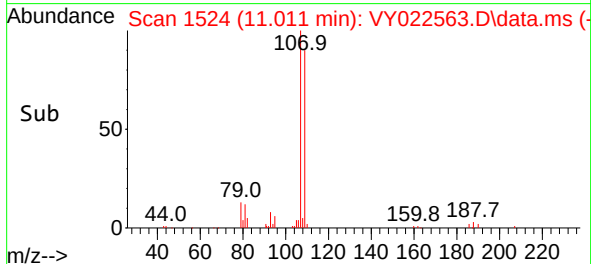
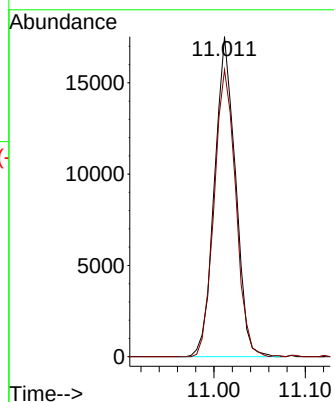
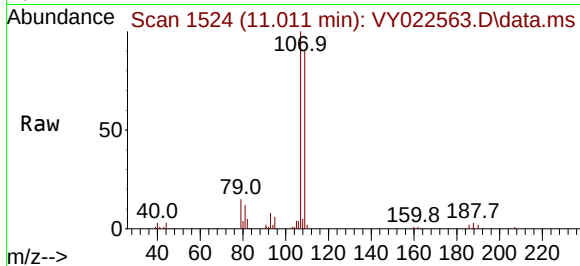




#61
1,2-Dibromoethane
Concen: 21.081 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

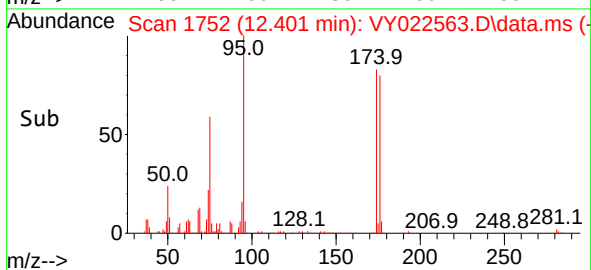
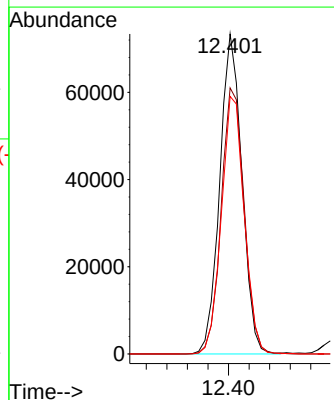
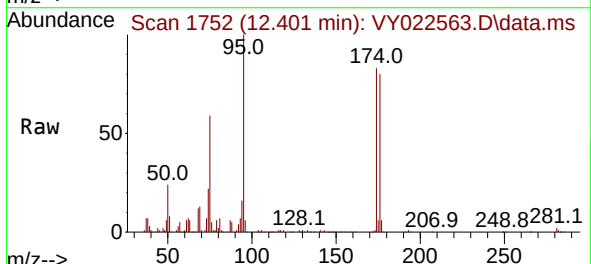
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

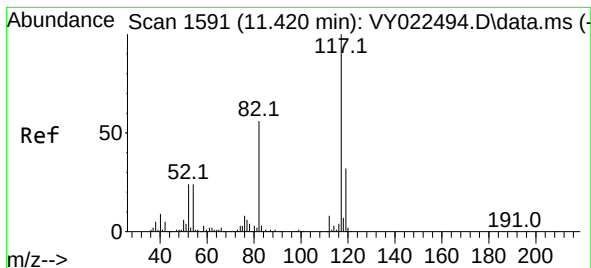
Tgt Ion:107 Resp: 27875
Ion Ratio Lower Upper
107 100
109 92.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.097 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 95 Resp: 109811
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.0
176 83.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

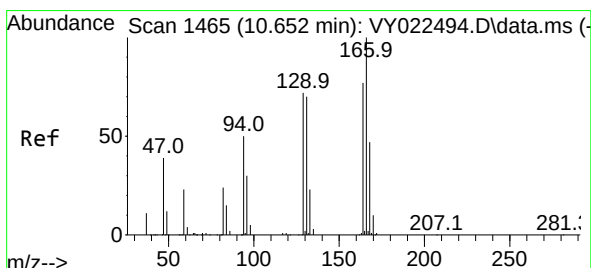
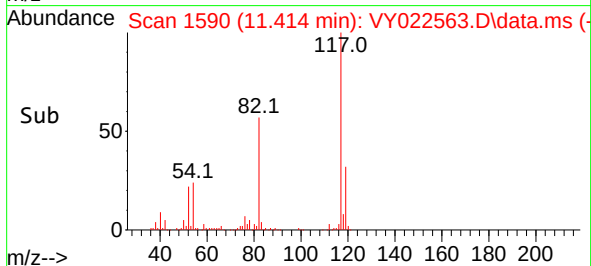
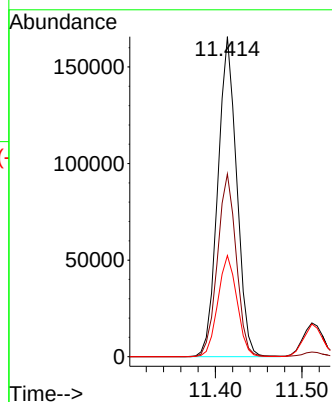
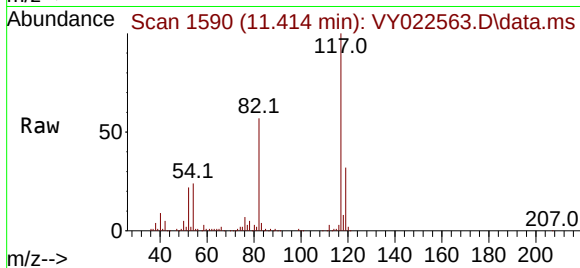
Tgt Ion:117 Resp: 250902

Ion Ratio Lower Upper

117 100

82 57.1 44.6 66.8

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 22.957 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Tgt Ion:164 Resp: 49548

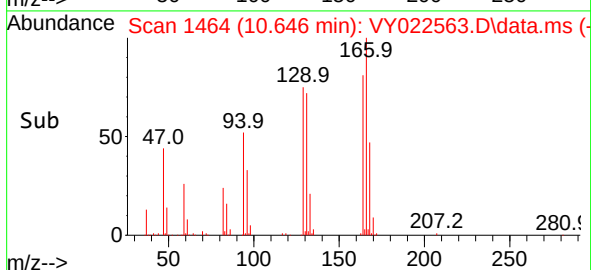
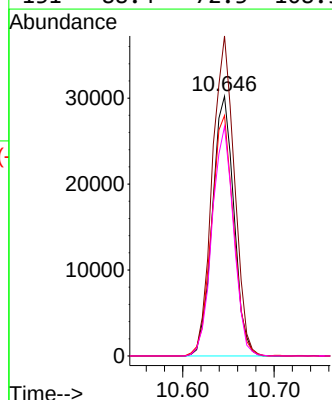
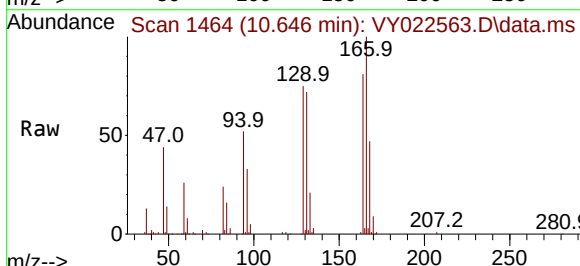
Ion Ratio Lower Upper

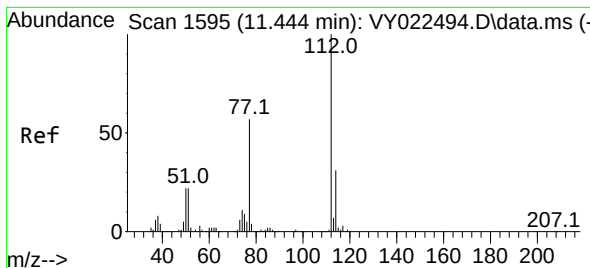
164 100

166 123.3 104.0 156.0

129 92.6 74.5 111.7

131 88.4 72.3 108.5

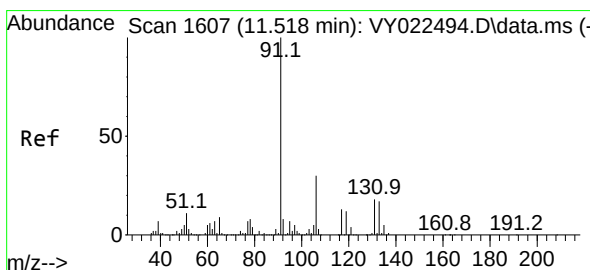
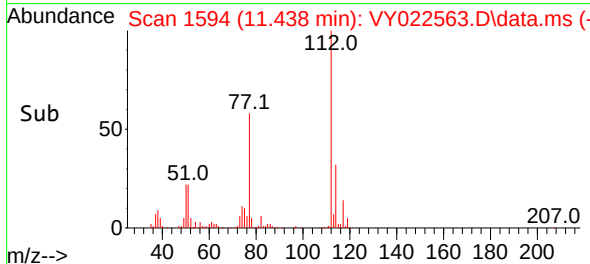
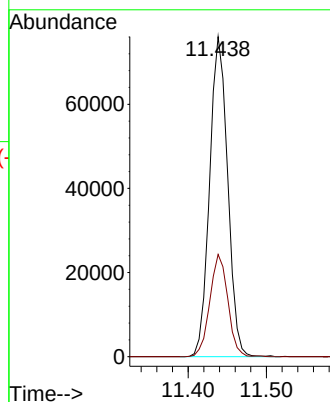
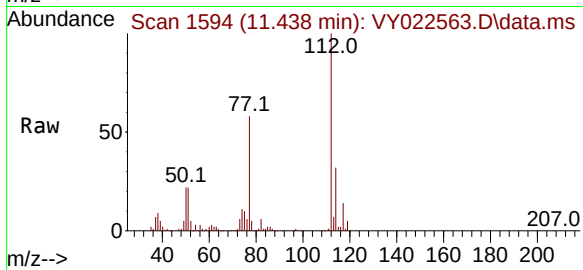




#65
Chlorobenzene
Concen: 21.909 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

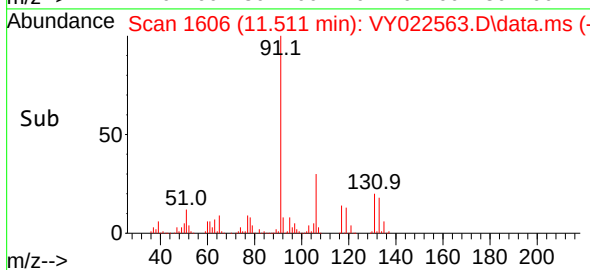
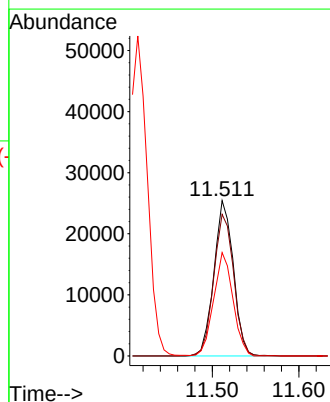
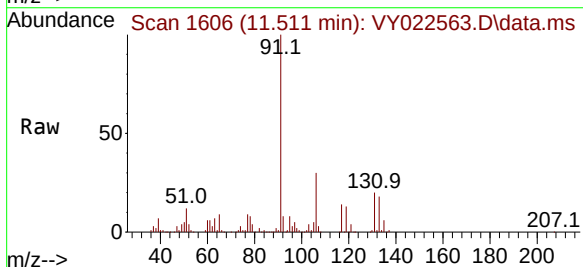
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

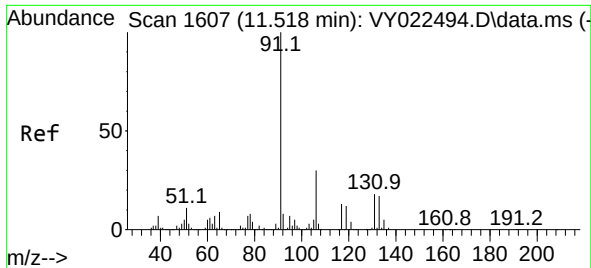
Tgt Ion:112 Resp: 121644
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.217 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:131 Resp: 39684
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 66.1 33.1 99.3

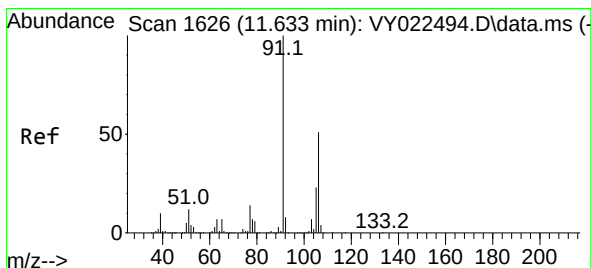
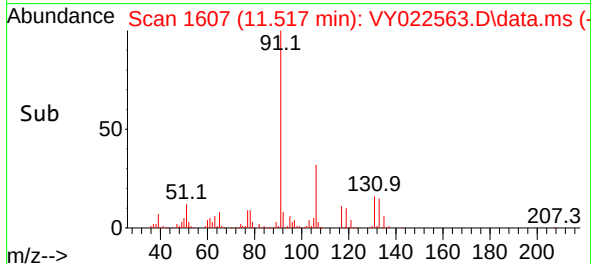
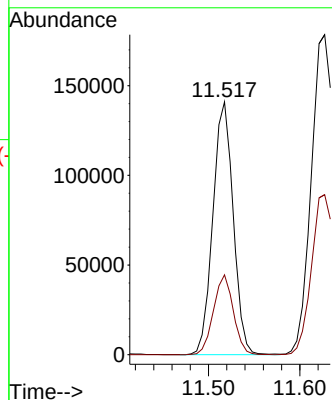
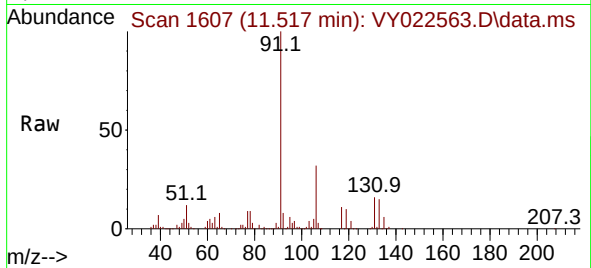




#67
Ethyl Benzene
Concen: 21.130 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

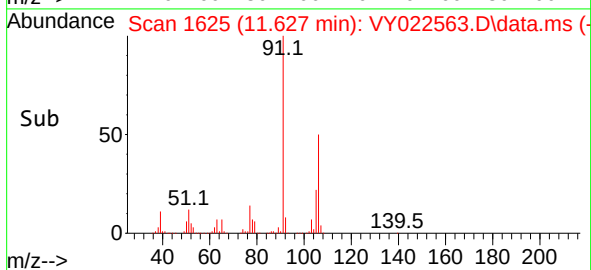
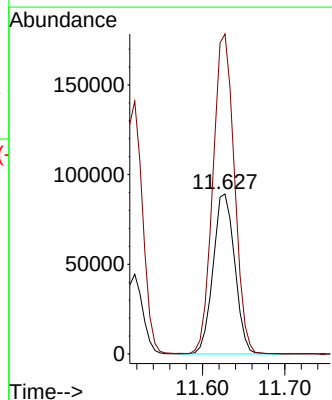
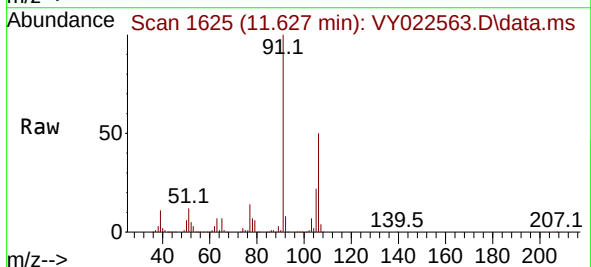
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

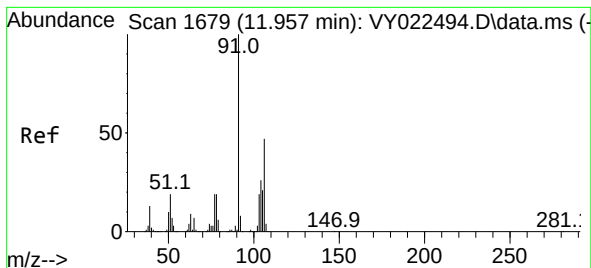
Tgt Ion: 91 Resp: 217593
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 41.810 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 106 Resp: 163220
Ion Ratio Lower Upper
106 100
91 199.2 159.4 239.0

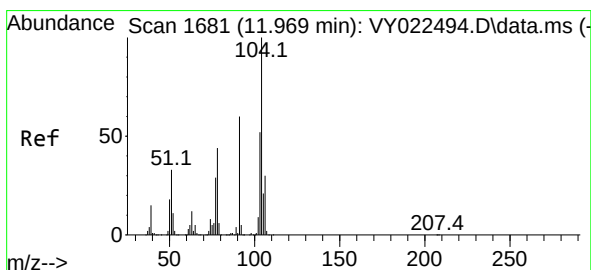
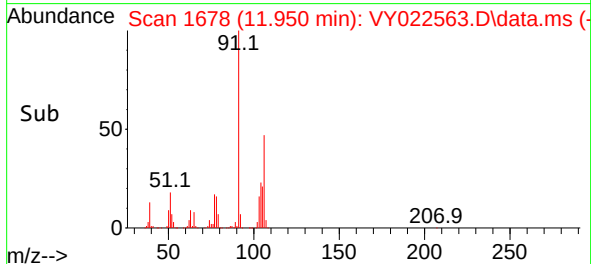
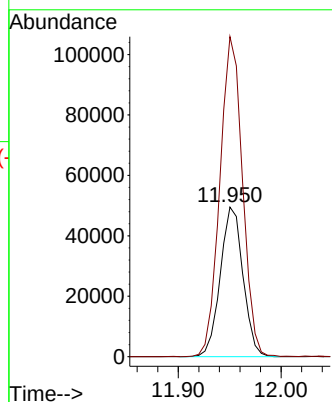
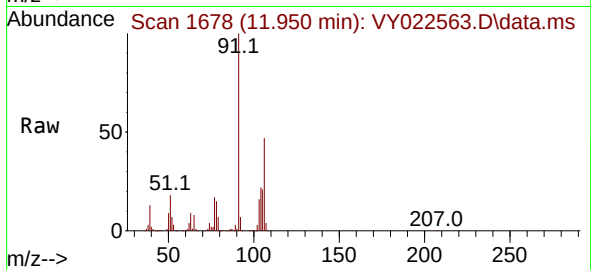




#69
o-Xylene
Concen: 20.749 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

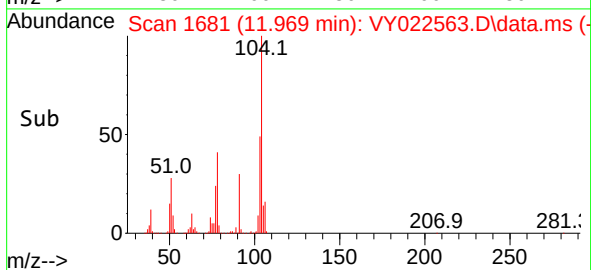
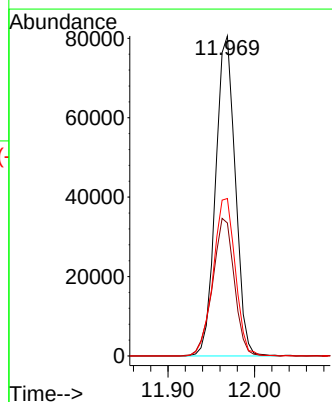
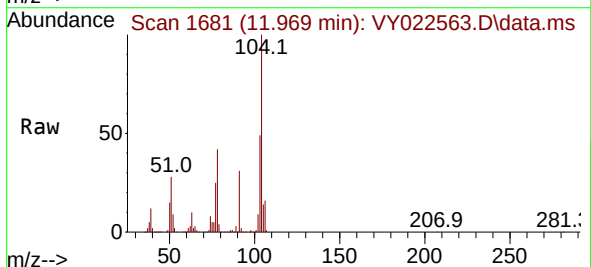
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

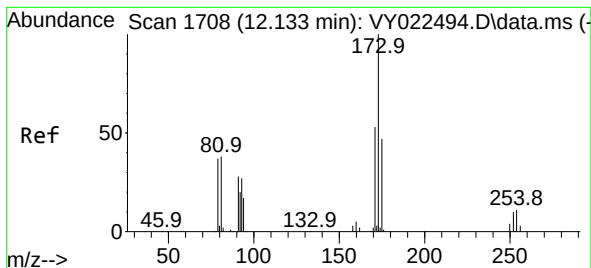
Tgt Ion:106 Resp: 75945
Ion Ratio Lower Upper
106 100
91 213.3 105.8 317.3



#70
Styrene
Concen: 21.043 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:104 Resp: 127314
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 55.4 44.1 66.1





#71

Bromoform

Concen: 20.408 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

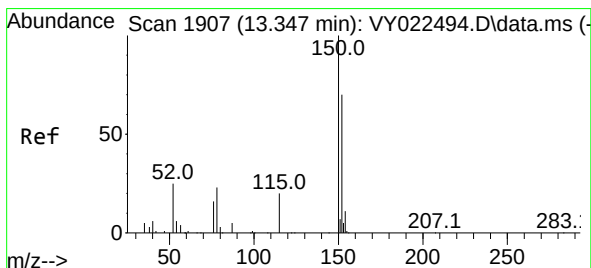
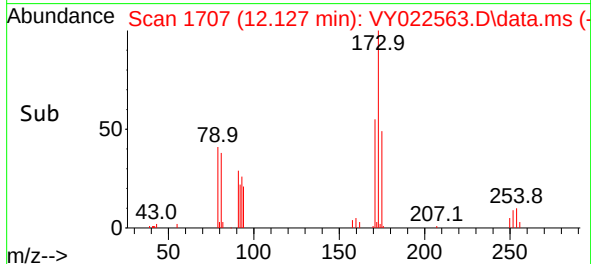
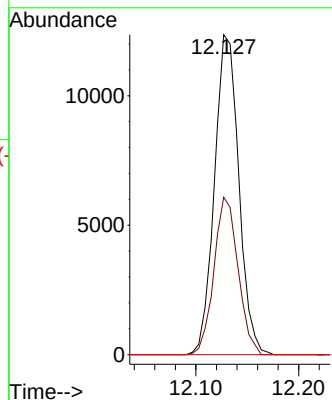
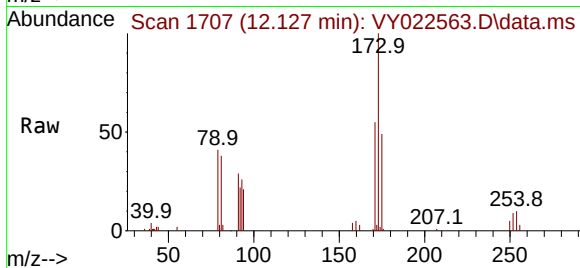
Tgt Ion:173 Resp: 20312

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

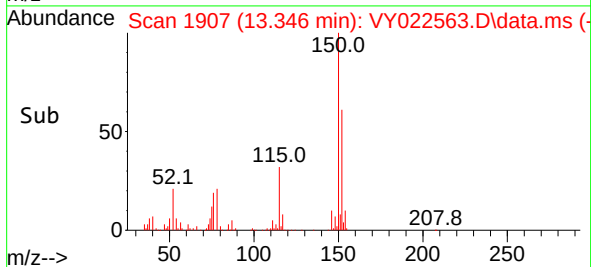
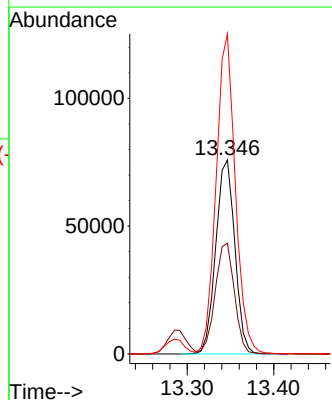
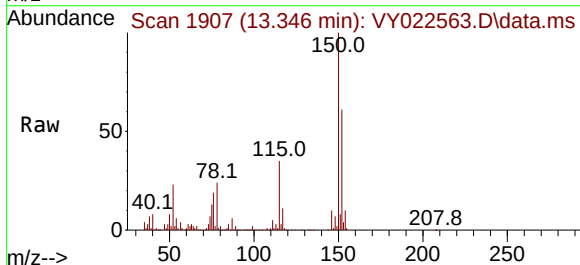
Tgt Ion:152 Resp: 116347

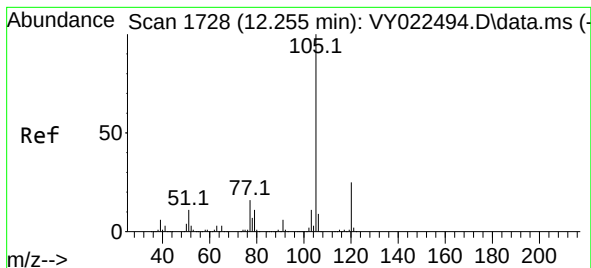
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 165.6 0.0 349.6





#73

Isopropylbenzene

Concen: 21.136 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

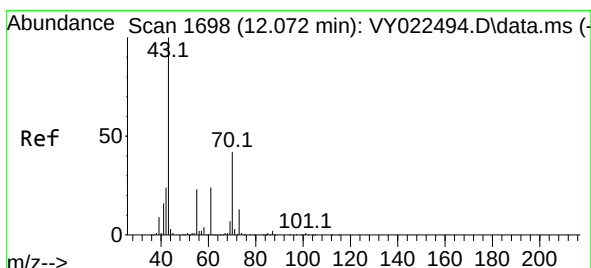
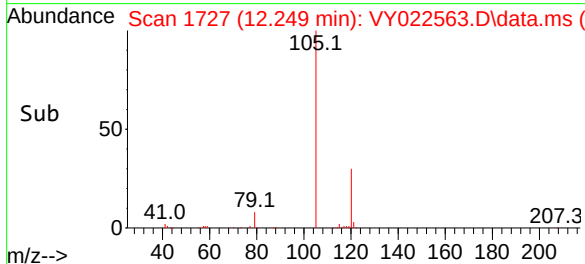
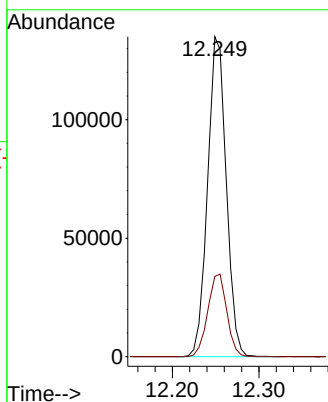
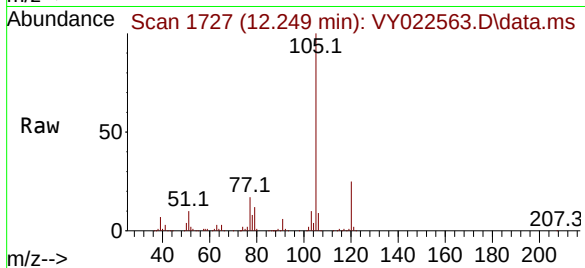
VY0605SBSD01

Tgt Ion:105 Resp: 201893

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-amy1 acetate

Concen: 21.043 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Tgt Ion: 43 Resp: 50717

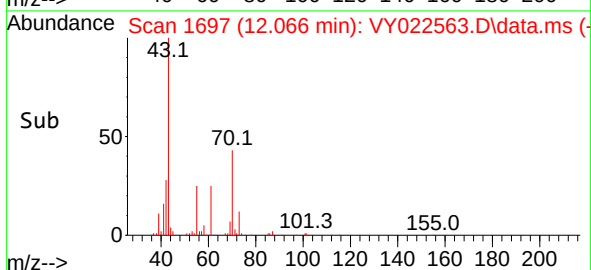
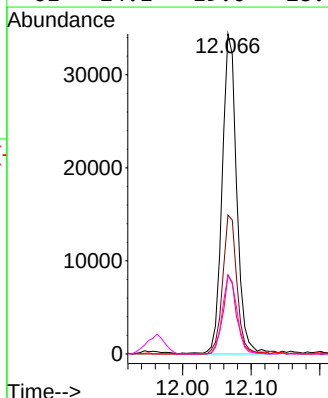
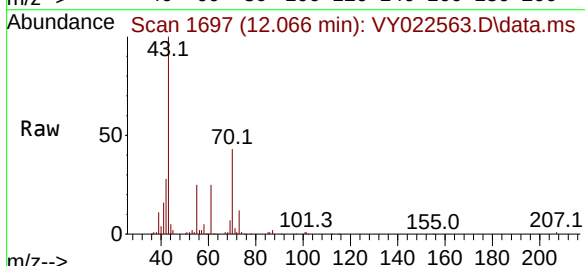
Ion Ratio Lower Upper

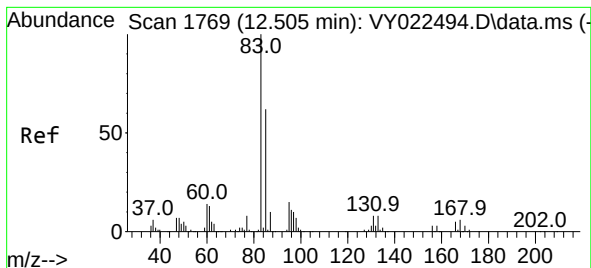
43 100

70 42.2 34.2 51.2

55 23.6 18.2 27.4

61 24.1 19.0 28.6

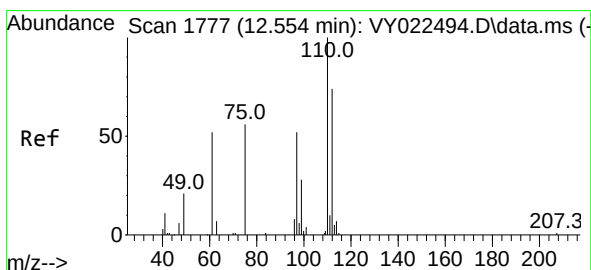
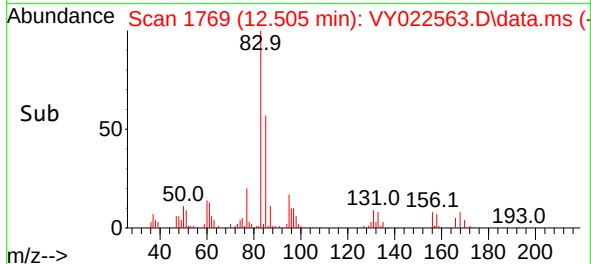
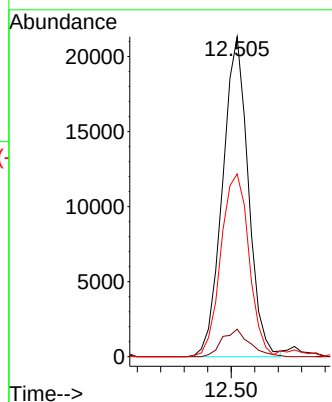
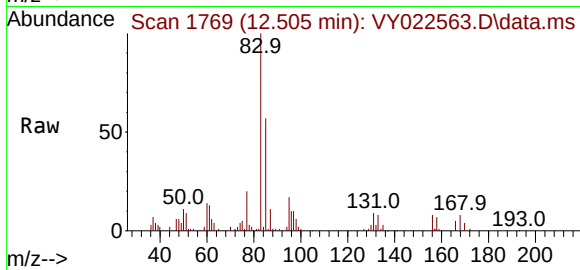




#75
1,1,2-Tetrachloroethane
Concen: 20.706 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

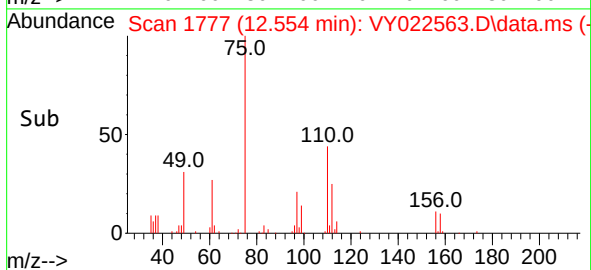
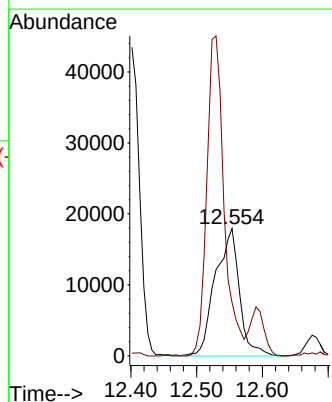
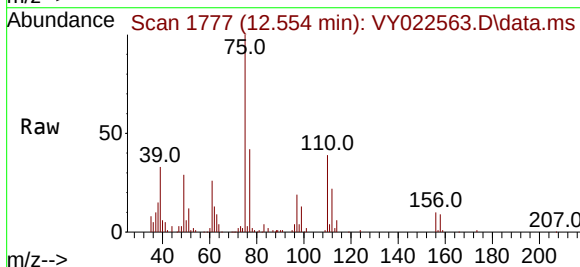
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

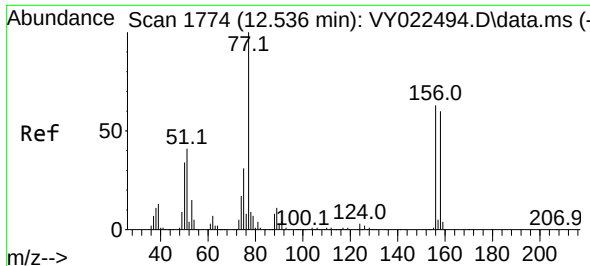
Tgt Ion: 83 Resp: 32461
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.7
85 62.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 34.464 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 75 Resp: 45873
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

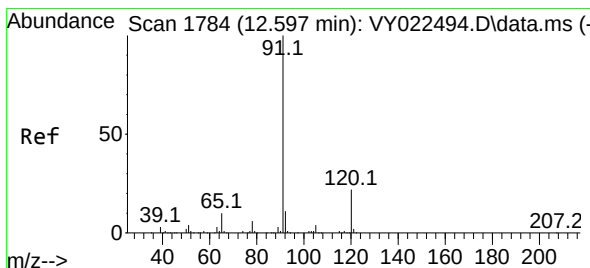
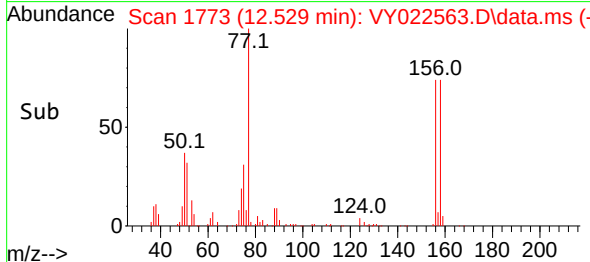
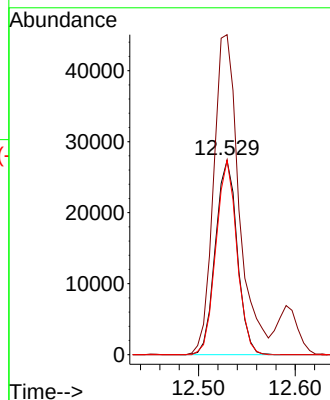
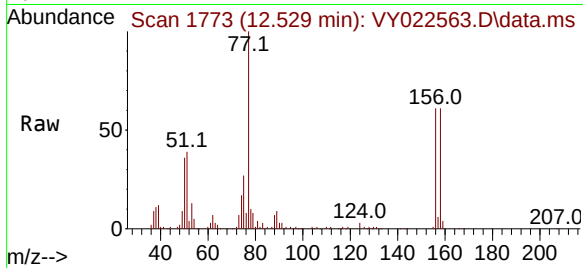




#77
Bromobenzene
Concen: 21.220 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

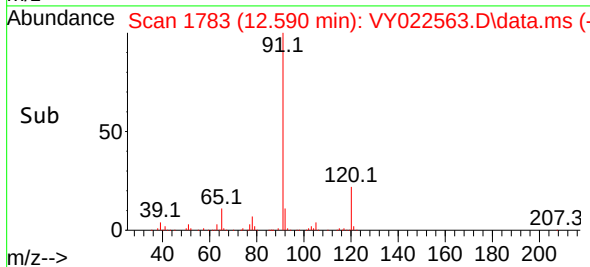
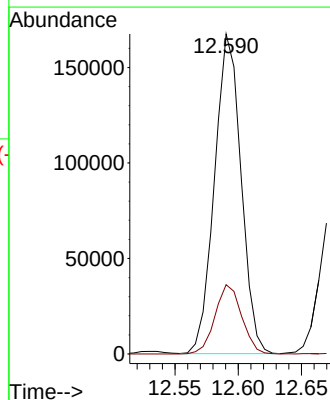
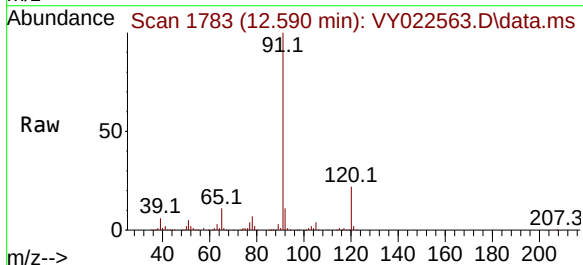
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

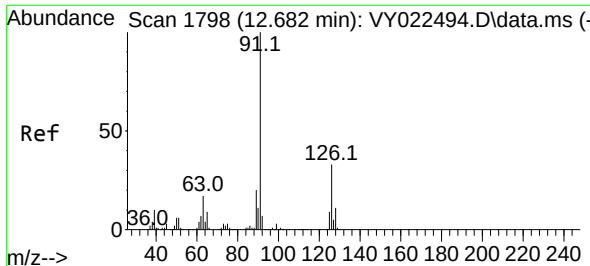
Tgt Ion:156 Resp: 42773
Ion Ratio Lower Upper
156 100
77 193.0 94.0 282.1
158 96.6 48.2 144.6



#78
n-propylbenzene
Concen: 20.912 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 91 Resp: 243982
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

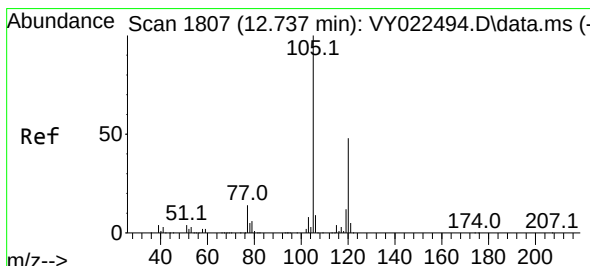
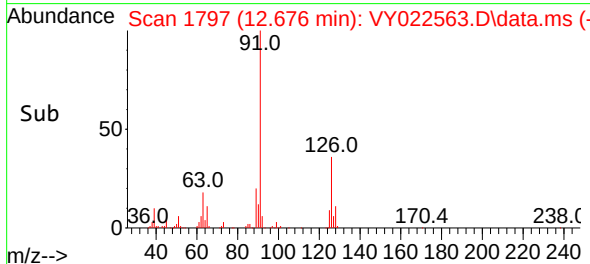
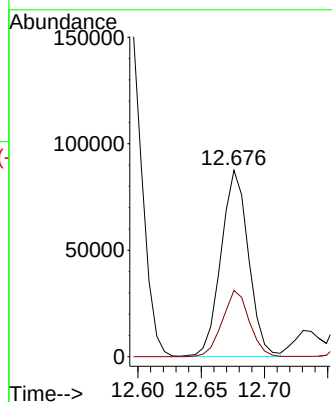
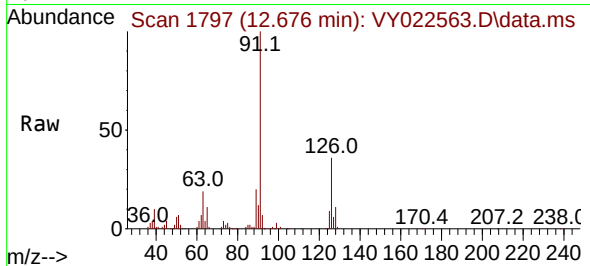




#79
2-Chlorotoluene
Concen: 21.346 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

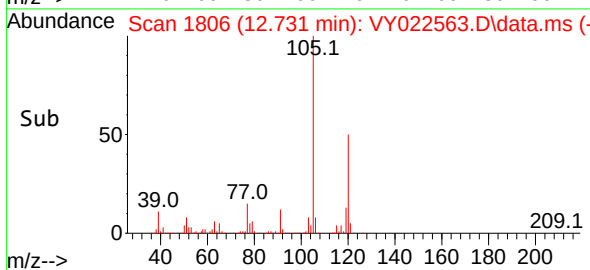
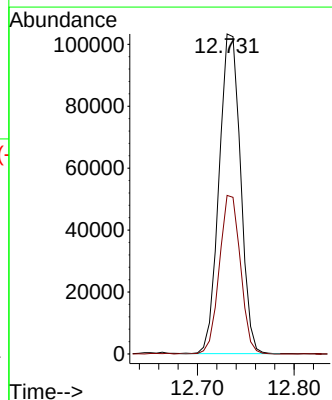
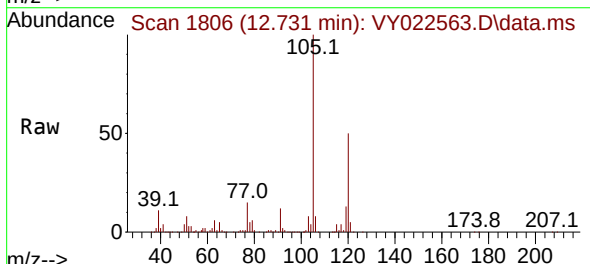
Instrument :
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ClientSampleId :
VY0605SBSD01

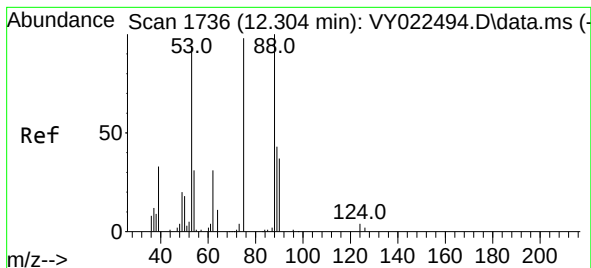
Tgt Ion: 91 Resp: 131993
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.174 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 105 Resp: 158787
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4

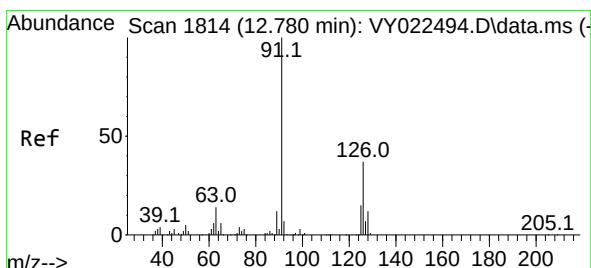
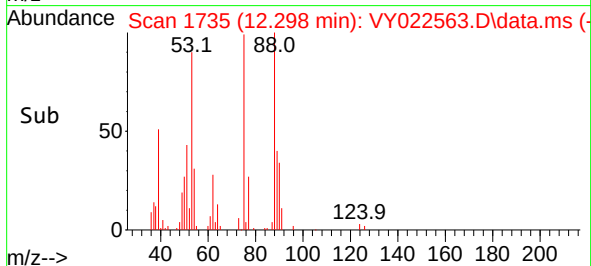
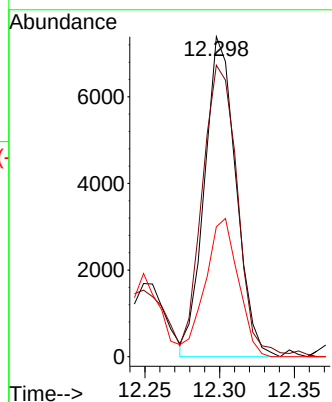
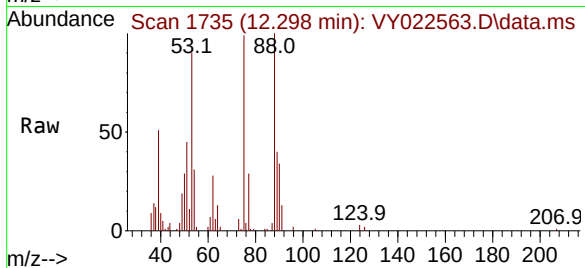




#81
trans-1,4-Dichloro-2-butene
Concen: 19.660 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

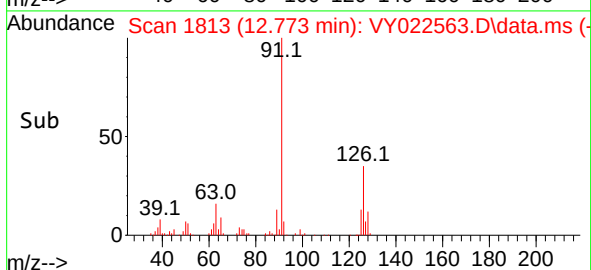
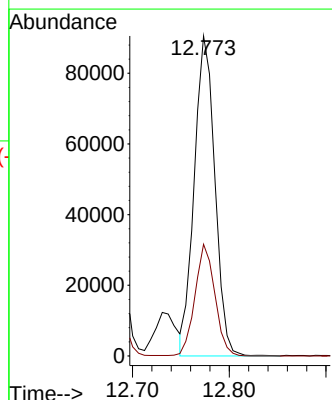
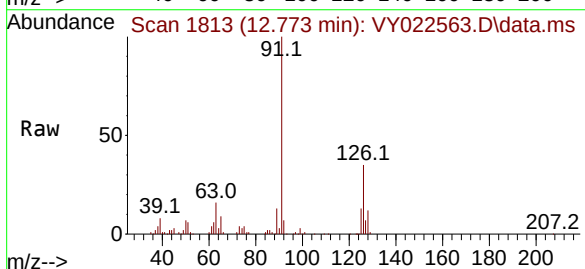
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBSD01

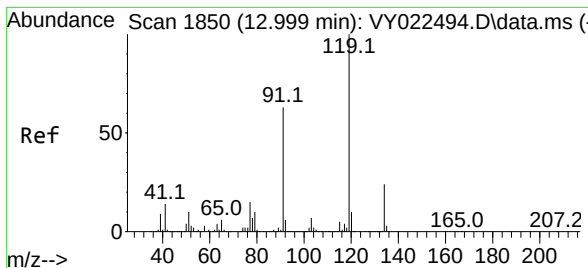
Tgt Ion: 75 Resp: 10836
Ion Ratio Lower Upper
75 100
53 101.8 78.5 117.7
89 45.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.040 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion: 91 Resp: 134210
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.538 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

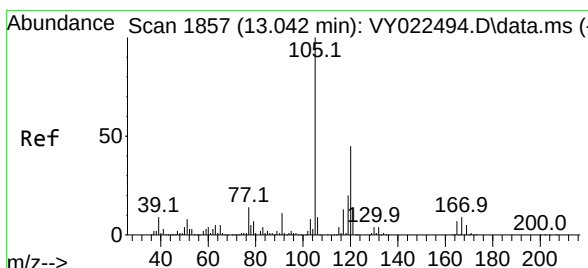
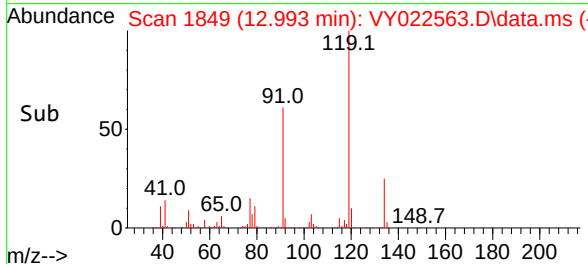
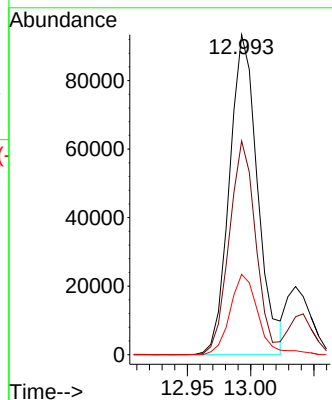
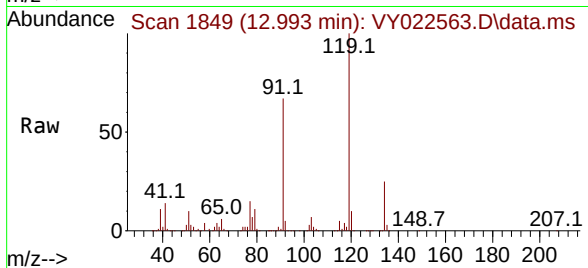
Tgt Ion:119 Resp: 144969

Ion Ratio Lower Upper

119 100

91 63.2 32.1 96.3

134 25.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.995 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022563.D

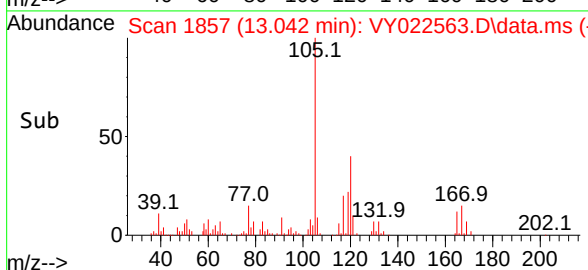
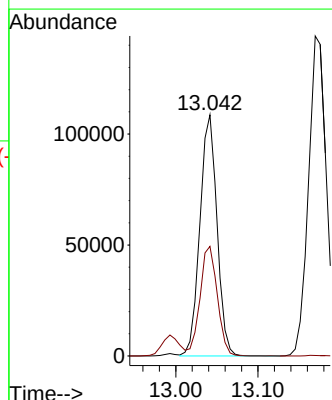
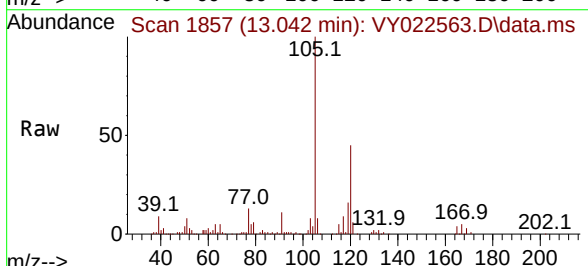
Acq: 05 Jun 2025 10:31

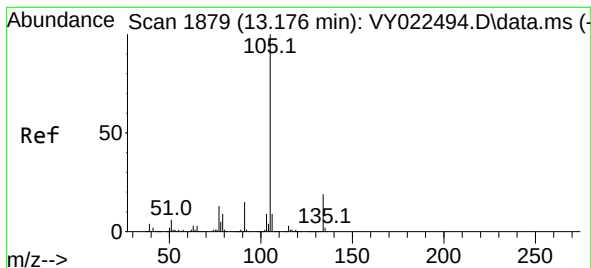
Tgt Ion:105 Resp: 157471

Ion Ratio Lower Upper

105 100

120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.003 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

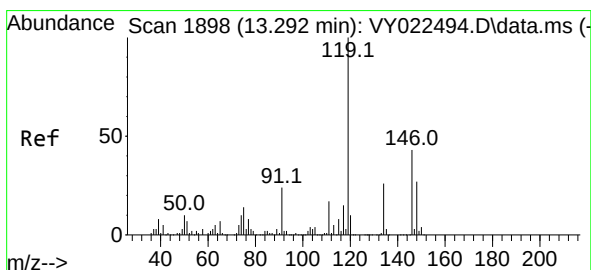
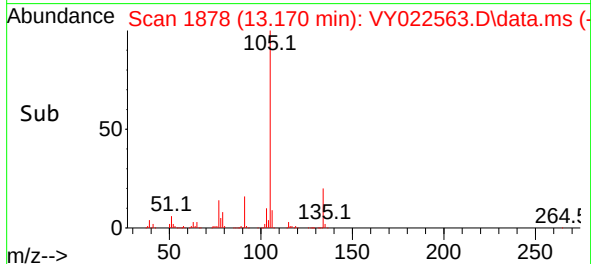
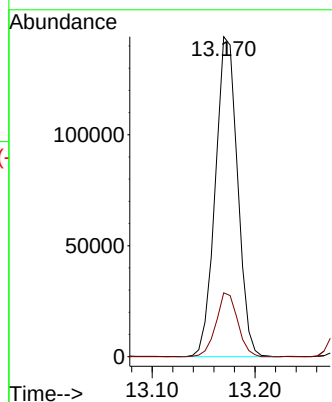
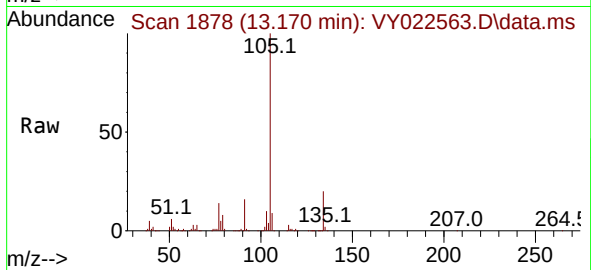
VY0605SBSD01

Tgt Ion:105 Resp: 216504

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.074 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

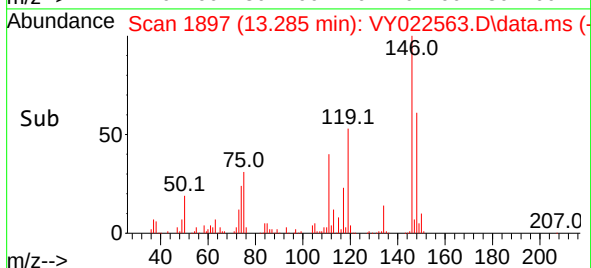
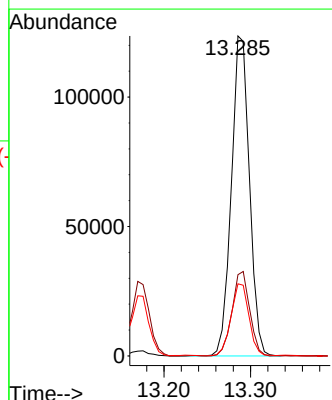
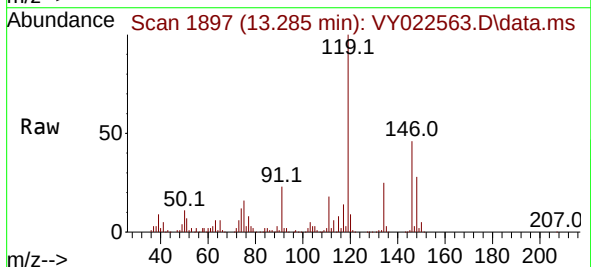
Tgt Ion:119 Resp: 179062

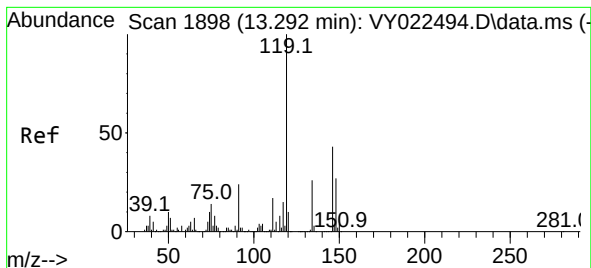
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.866 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

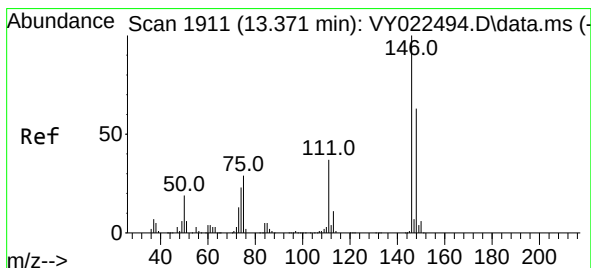
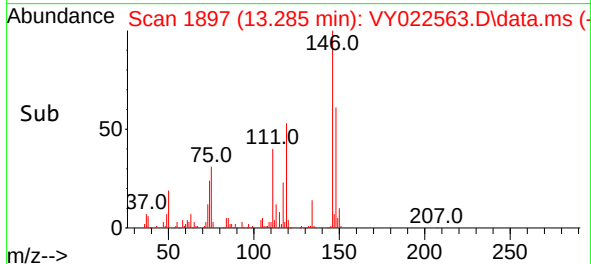
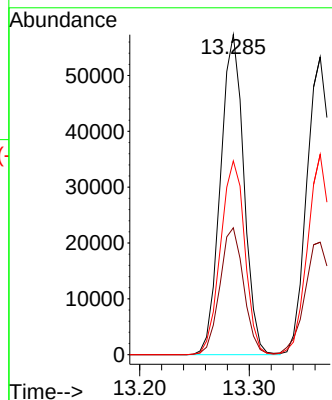
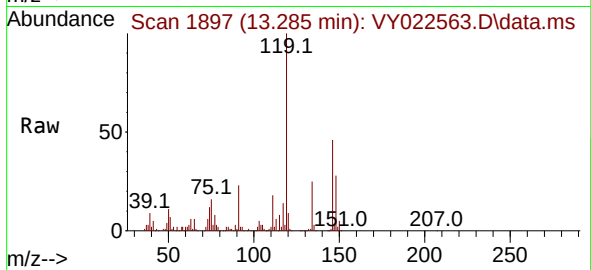
Tgt Ion:146 Resp: 85217

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 62.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.028 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

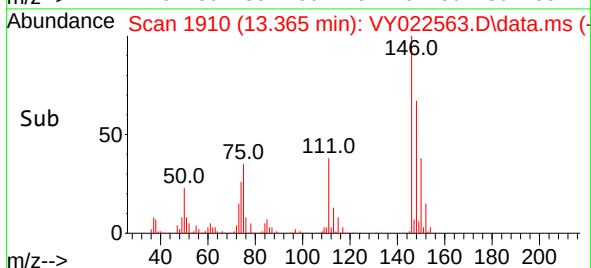
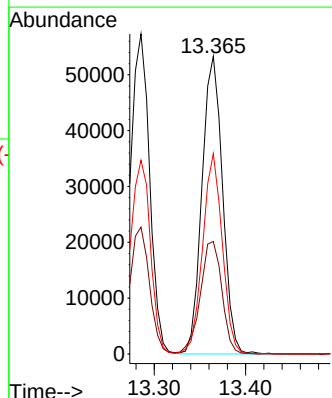
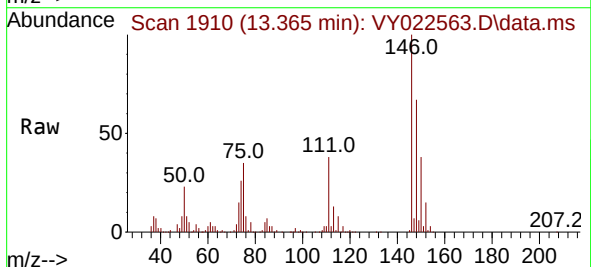
Tgt Ion:146 Resp: 83293

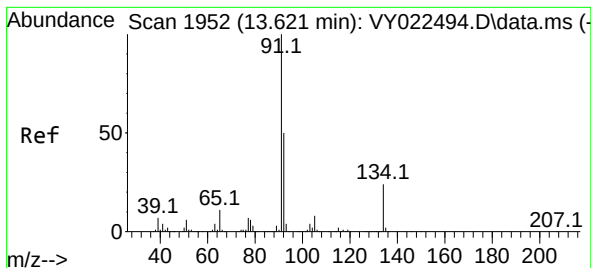
Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 21.205 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

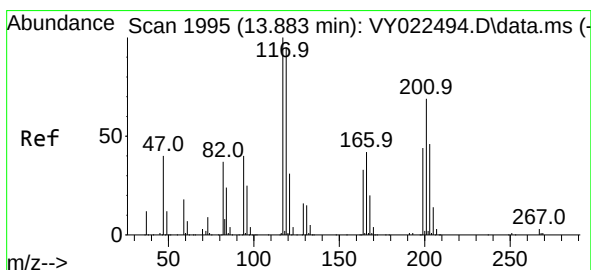
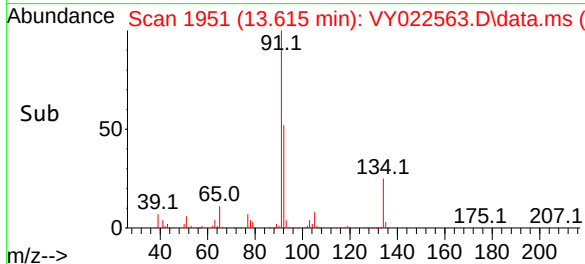
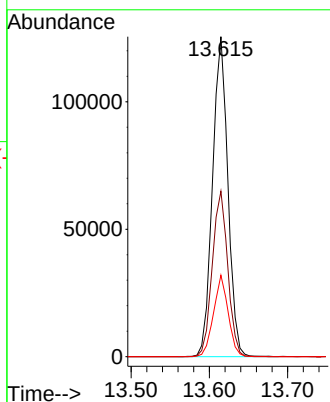
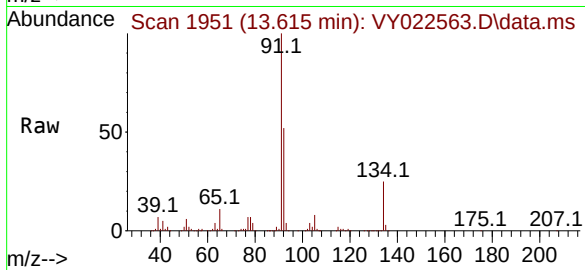
Tgt Ion: 91 Resp: 170944

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 21.161 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022563.D

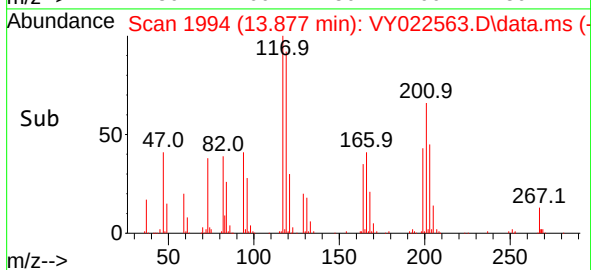
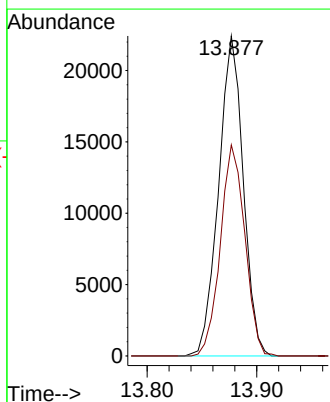
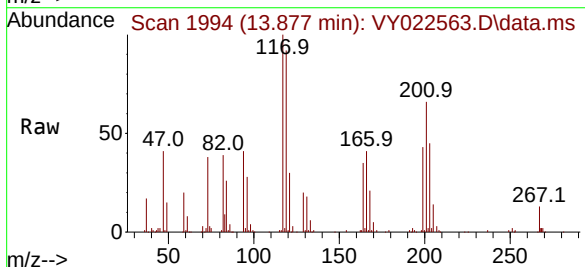
Acq: 05 Jun 2025 10:31

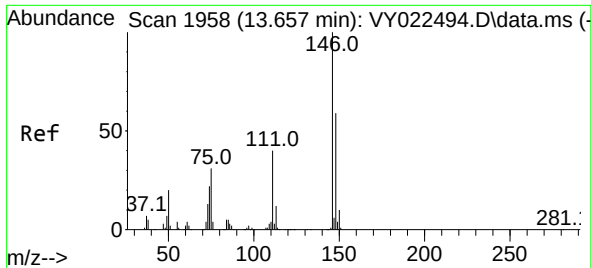
Tgt Ion: 117 Resp: 35005

Ion Ratio Lower Upper

117 100

201 65.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.908 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBSD01

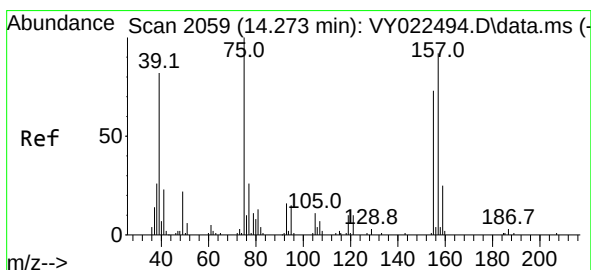
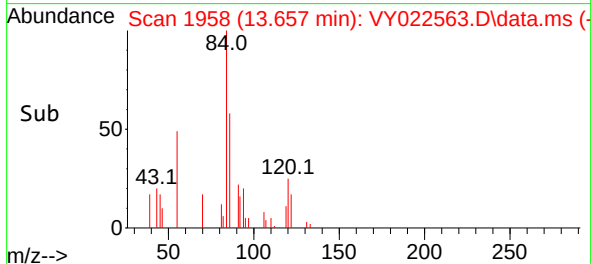
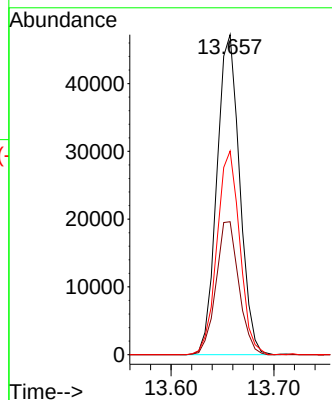
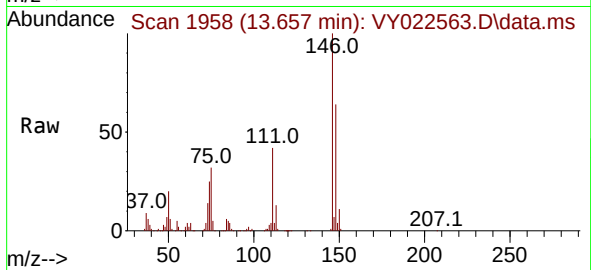
Tgt Ion:146 Resp: 72498

Ion Ratio Lower Upper

146 100

111 41.7 20.2 60.6

148 63.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.929 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

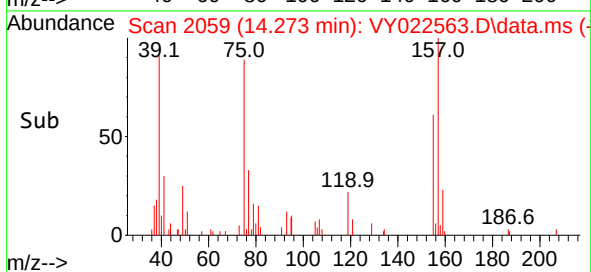
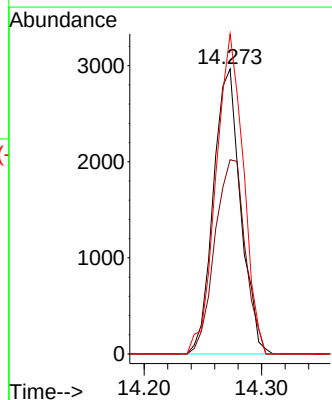
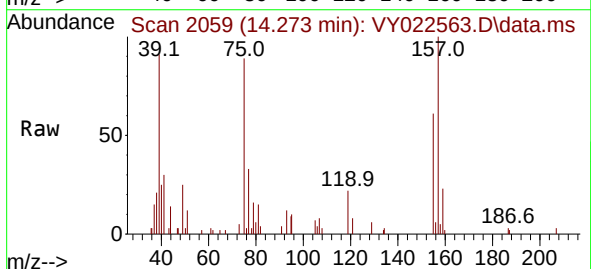
Tgt Ion: 75 Resp: 4777

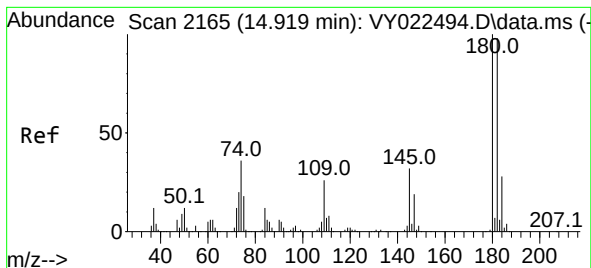
Ion Ratio Lower Upper

75 100

155 75.9 39.9 119.6

157 113.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 22.557 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

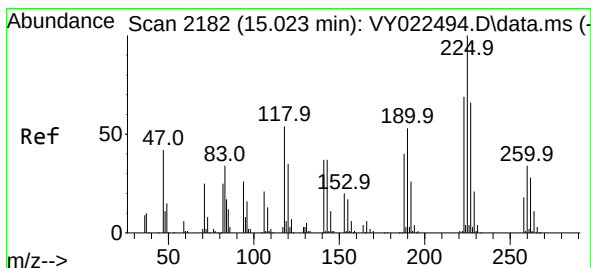
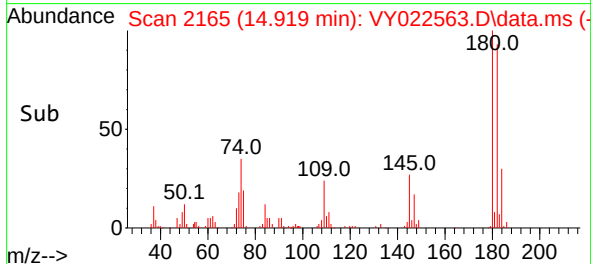
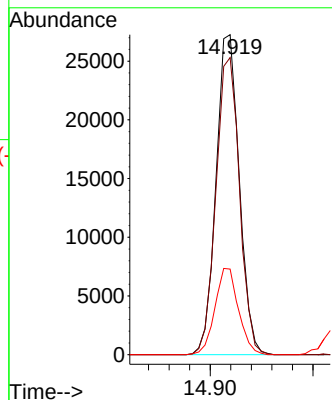
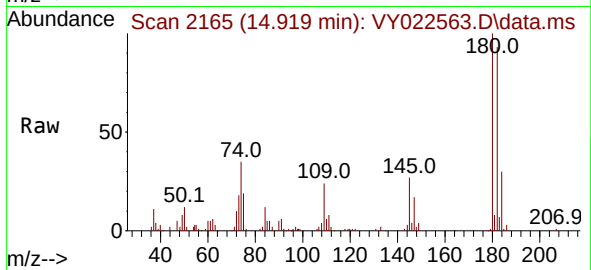
Tgt Ion:180 Resp: 42659

Ion Ratio Lower Upper

180 100

182 94.2 48.4 145.3

145 27.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 22.150 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022563.D

Acq: 05 Jun 2025 10:31

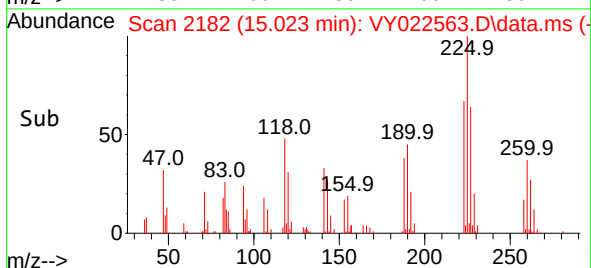
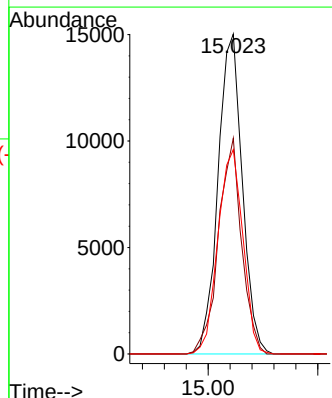
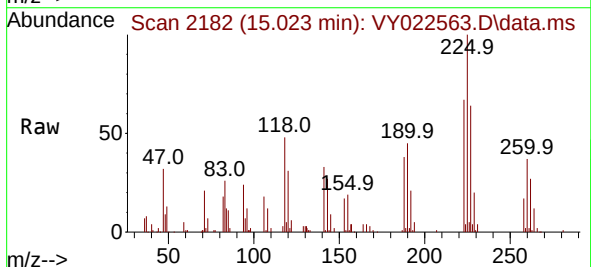
Tgt Ion:225 Resp: 23120

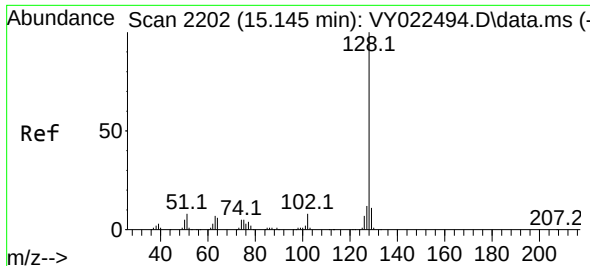
Ion Ratio Lower Upper

225 100

223 64.4 32.5 97.4

227 65.7 32.3 96.9

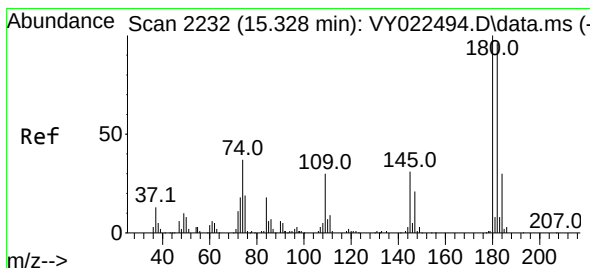
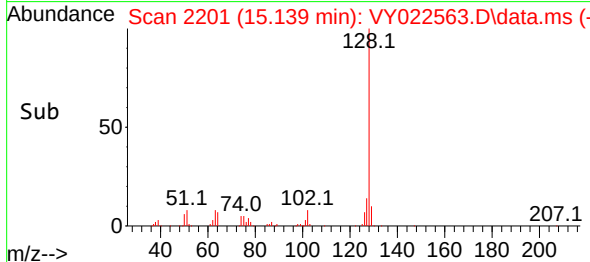
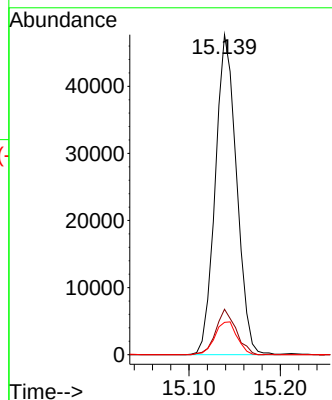
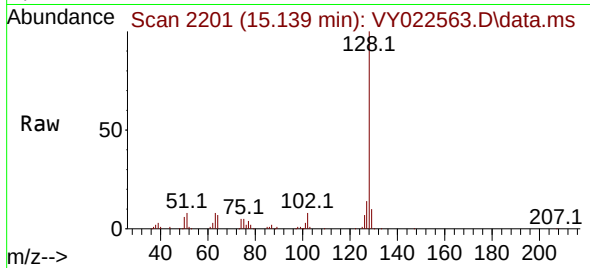




#95
Naphthalene
Concen: 21.286 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion:128 Resp: 77251
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.993 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022563.D
Acq: 05 Jun 2025 10:31

Tgt Ion:180 Resp: 35644
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 32.1 15.2 45.6

