

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022654.D
 Acq On : 11 Jun 2025 11:01
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Quant Time: Jun 12 05:03:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	154377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90043	52.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.300%	
35) Dibromofluoromethane	7.634	113	83823	53.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.103	98	341908	53.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.408	95	96721	51.128	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30354	21.962	ug/l	97
3) Chloromethane	2.068	50	78092	19.125	ug/l	100
4) Vinyl Chloride	2.202	62	107977	22.795	ug/l	97
5) Bromomethane	2.592	94	102939	22.674	ug/l	96
6) Chloroethane	2.732	64	78962	24.287	ug/l	94
7) Trichlorofluoromethane	3.050	101	97294	24.195	ug/l	100
8) Diethyl Ether	3.458	74	18737	20.690	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	37387	22.075	ug/l	99
10) Methyl Iodide	4.007	142	34979	19.085	ug/l	99
11) Tert butyl alcohol	4.872	59	11478	93.074	ug/l	95
12) 1,1-Dichloroethene	3.793	96	34837	21.519	ug/l	98
13) Acrolein	3.653	56	11458	74.553	ug/l	100
14) Allyl chloride	4.385	41	50615	19.916	ug/l	99
15) Acrylonitrile	5.055	53	37482	97.728	ug/l	99
16) Acetone	3.873	43	50425	143.804	ug/l	98
17) Carbon Disulfide	4.110	76	105733	20.400	ug/l	98
18) Methyl Acetate	4.391	43	19500	18.779	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	89130	19.547	ug/l	97
20) Methylene Chloride	4.616	84	44974	22.579	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	39120	21.591	ug/l	84
22) Diisopropyl ether	6.018	45	116438	20.583	ug/l	94
23) Vinyl Acetate	5.964	43	319453	95.409	ug/l	99
24) 1,1-Dichloroethane	5.915	63	71477	21.448	ug/l	99
25) 2-Butanone	6.896	43	59179	117.002	ug/l	100
26) 2,2-Dichloropropane	6.890	77	64822	22.014	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	45115	21.542	ug/l	99
28) Bromochloromethane	7.244	49	29937	20.607	ug/l	100
29) Tetrahydrofuran	7.268	42	30329	92.970	ug/l	98
30) Chloroform	7.421	83	73510	22.269	ug/l	97
31) Cyclohexane	7.701	56	65893	19.860	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	65077	22.208	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54754	21.470	ug/l	99
37) Ethyl Acetate	6.988	43	21286	18.716	ug/l	94
38) Carbon Tetrachloride	7.817	117	55534	21.227	ug/l	99
39) Methylcyclohexane	9.109	83	68109	19.873	ug/l	98
40) Benzene	8.079	78	159964	21.236	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	12140	18.275	ug/l	95
42) 1,2-Dichloroethane	8.158	62	43385	21.094	ug/l	97
43) Isopropyl Acetate	8.201	43	45086	18.355	ug/l	99
44) Trichloroethene	8.866	130	41172	22.364	ug/l	98
45) 1,2-Dichloropropane	9.140	63	38468	21.609	ug/l	99
46) Dibromomethane	9.231	93	21136	21.104	ug/l	99
47) Bromodichloromethane	9.420	83	54018	21.271	ug/l	98
48) Methyl methacrylate	9.219	41	21337	18.509	ug/l	96
49) 1,4-Dioxane	9.231	88	4404	371.176	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	114346	93.372	ug/l	99
52) Toluene	10.170	92	99726	21.067	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	47853	20.111	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	56976	20.571	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	26608	20.835	ug/l	97
56) Ethyl methacrylate	10.438	69	33681	18.248	ug/l	98
57) 1,3-Dichloropropane	10.719	76	46820	20.685	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	81714	97.509	ug/l	99
59) 2-Hexanone	10.762	43	85059	103.855	ug/l	99
60) Dibromochloromethane	10.914	129	32871	20.254	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23589	20.266	ug/l	99
64) Tetrachloroethene	10.646	164	46718	24.806	ug/l	96
65) Chlorobenzene	11.438	112	104666	21.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	34342	21.042	ug/l	99
67) Ethyl Benzene	11.517	91	185737	20.670	ug/l	97
68) m/p-Xylenes	11.627	106	143316	42.072	ug/l	98
69) o-Xylene	11.956	106	66721	20.891	ug/l	100
70) Styrene	11.969	104	106861	20.241	ug/l	99
71) Bromoform	12.133	173	16640	19.160	ug/l #	100
73) Isopropylbenzene	12.255	105	174297	20.133	ug/l	100
74) N-amyl acetate	12.072	43	38545	17.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	25003	17.597	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	38937	32.277	ug/l #	100
77) Bromobenzene	12.530	156	37602	20.583	ug/l	97
78) n-propylbenzene	12.597	91	215383	20.369	ug/l	99
79) 2-Chlorotoluene	12.676	91	112124	20.007	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	139655	20.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8871	17.758	ug/l	98
82) 4-Chlorotoluene	12.779	91	116584	20.166	ug/l	98
83) tert-Butylbenzene	12.999	119	124991	20.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	137643	20.248	ug/l	99
85) sec-Butylbenzene	13.176	105	192733	20.630	ug/l	100
86) p-Isopropyltoluene	13.292	119	155523	20.196	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	75686	20.448	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	73268	20.409	ug/l	98
89) n-Butylbenzene	13.615	91	151386	20.720	ug/l	99
90) Hexachloroethane	13.877	117	30995	20.674	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	63879	20.327	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3788	18.311	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	36161	21.098	ug/l	98
94) Hexachlorobutadiene	15.023	225	21601	22.834	ug/l	95
95) Naphthalene	15.145	128	62008	18.852	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	30902	21.038	ug/l	99

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QLast Update : Tue Jun 10 15:26:14 2025
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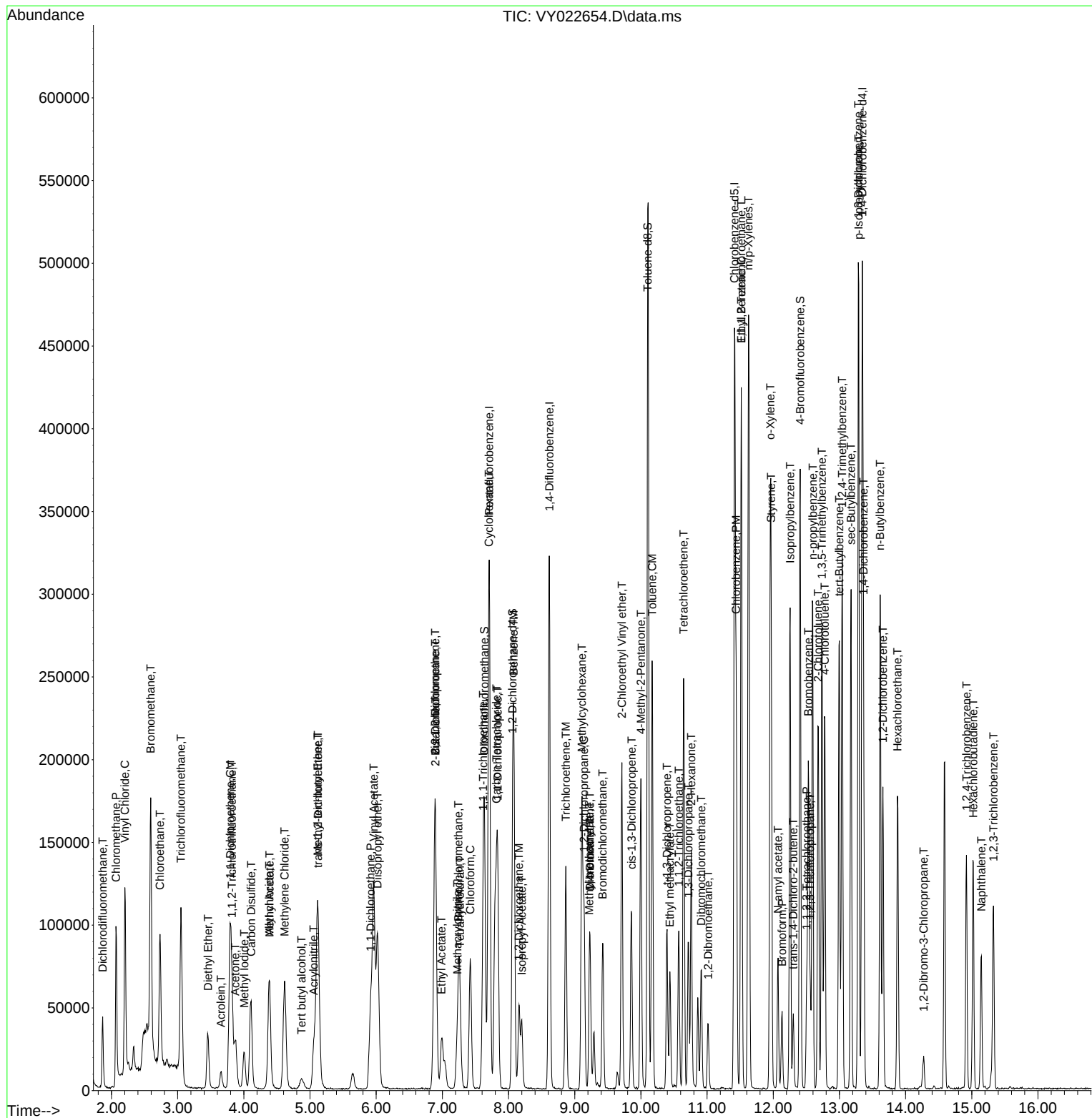
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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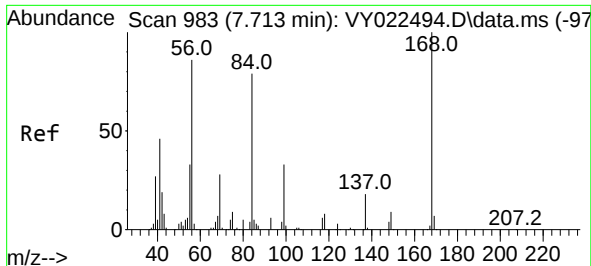
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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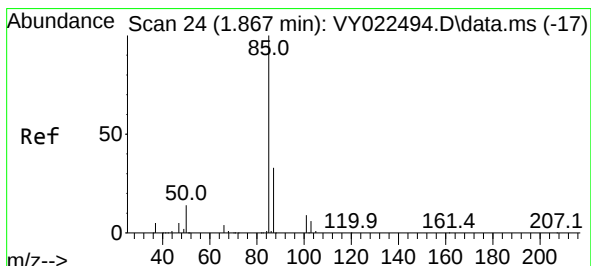
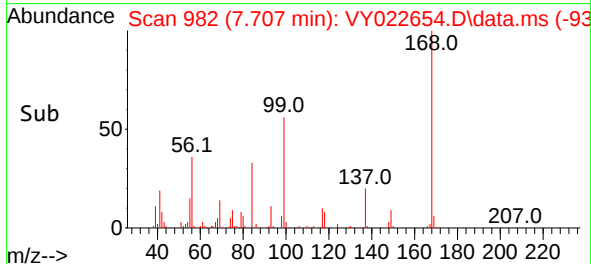
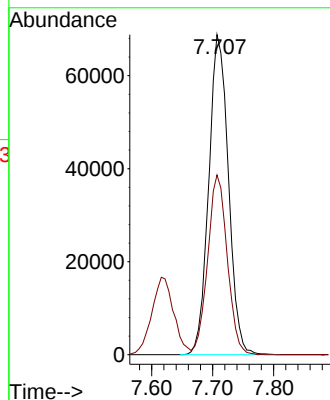
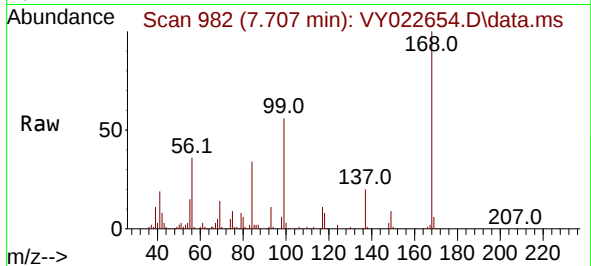




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
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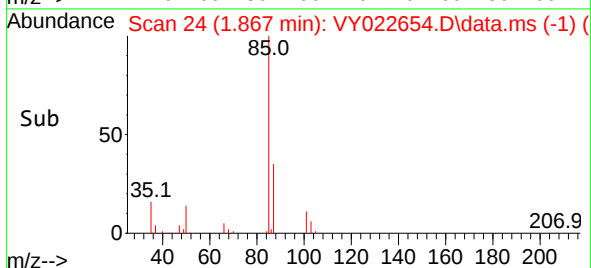
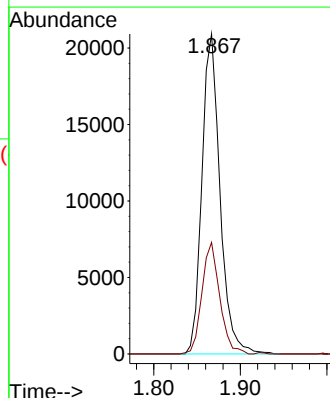
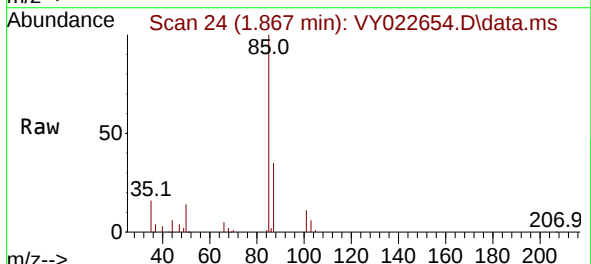
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:168 Resp: 154377
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.962 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 85 Resp: 30354
Ion Ratio Lower Upper
85 100
87 34.9 16.7 50.0

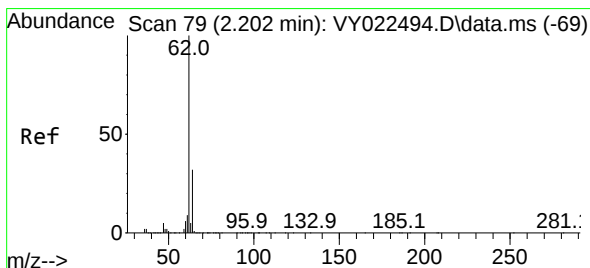
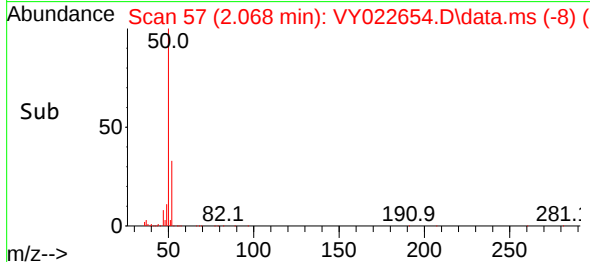
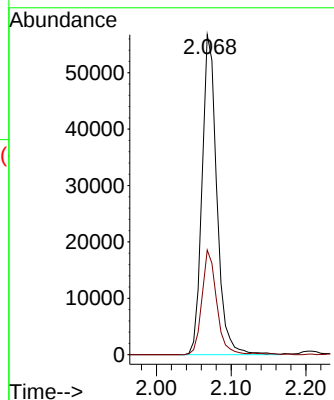
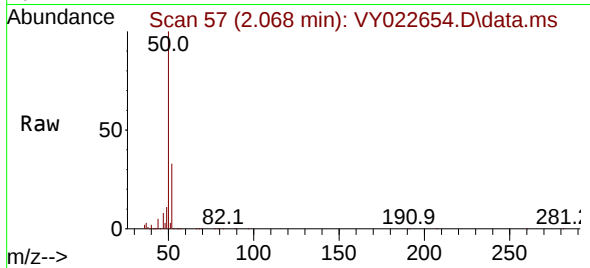




#3
Chloromethane
Concen: 19.125 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

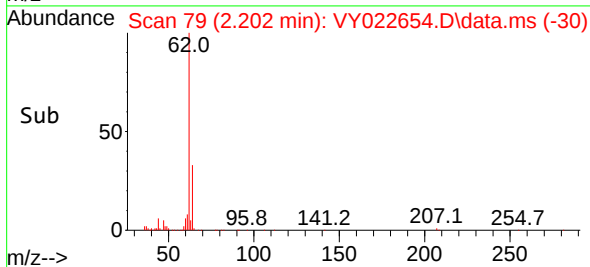
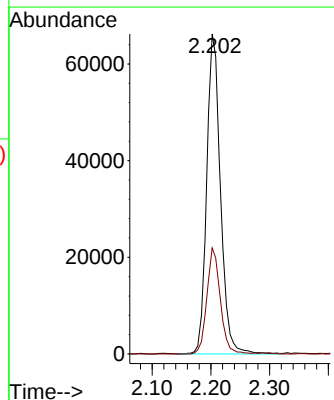
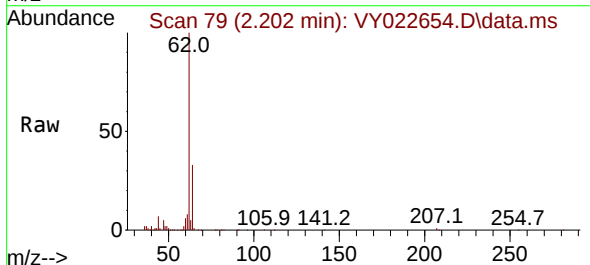
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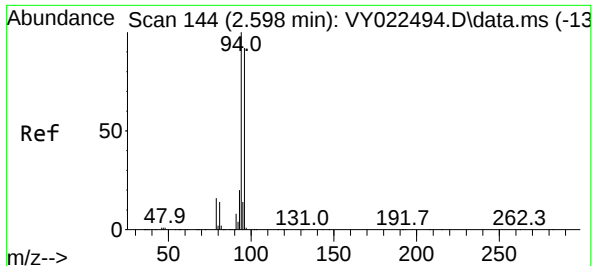
Tgt Ion: 50 Resp: 78092
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 22.795 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 62 Resp: 107977
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9

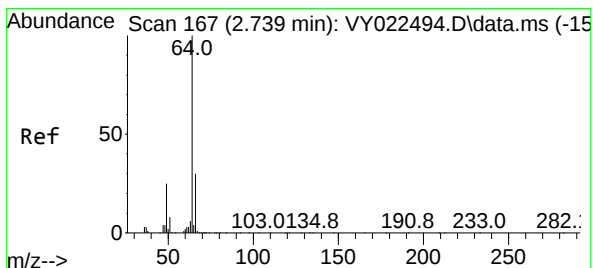
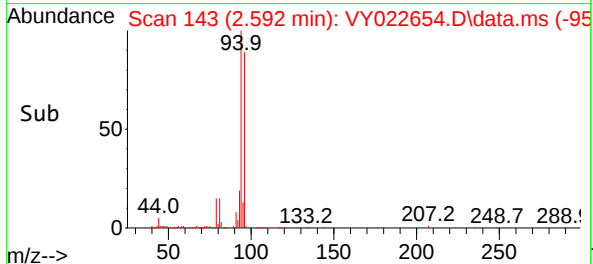
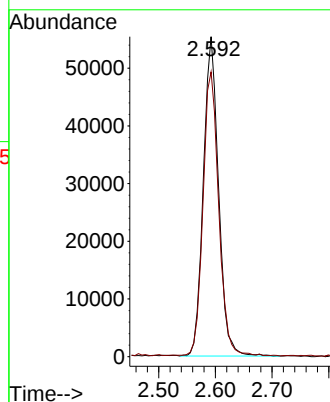
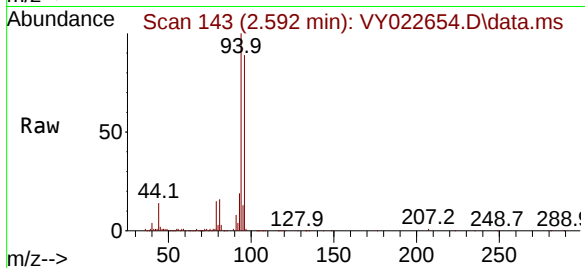




#5
Bromomethane
Concen: 22.674 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022654.D
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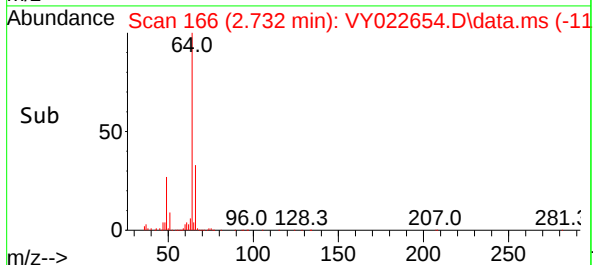
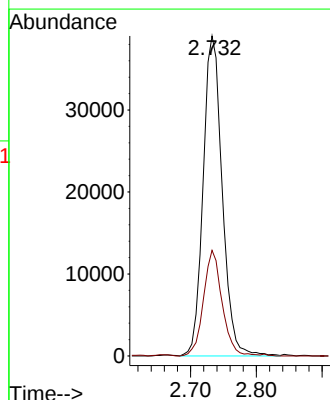
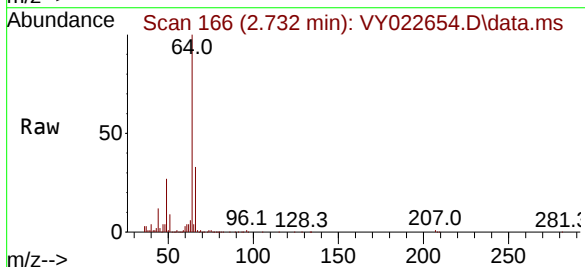
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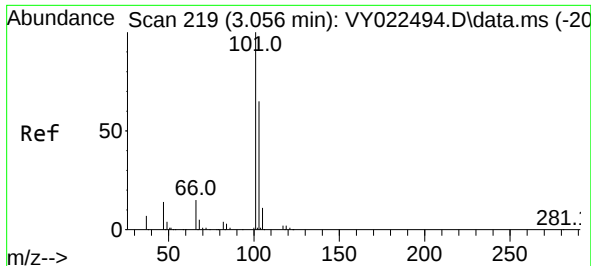
Tgt Ion: 94 Resp: 102939
Ion Ratio Lower Upper
94 100
96 88.9 74.0 111.0



#6
Chloroethane
Concen: 24.287 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022654.D
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Tgt Ion: 64 Resp: 78962
Ion Ratio Lower Upper
64 100
66 33.0 23.8 35.6

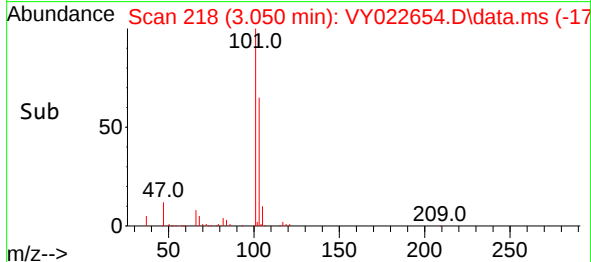
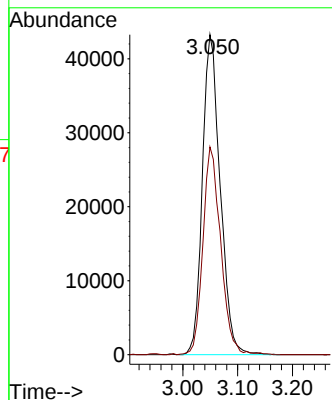
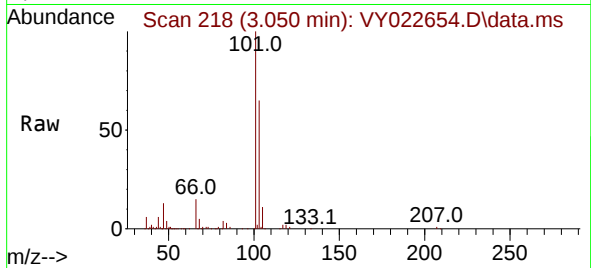




#7
Trichlorofluoromethane
Concen: 24.195 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022654.D
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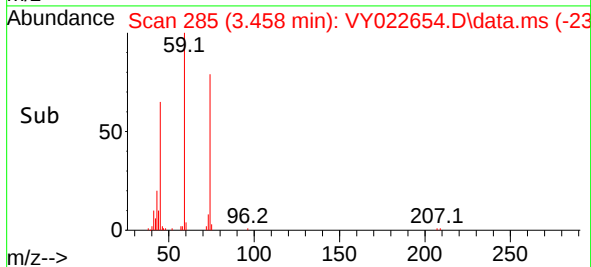
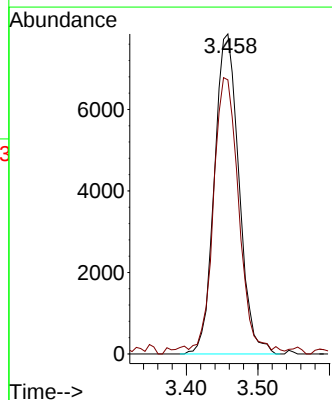
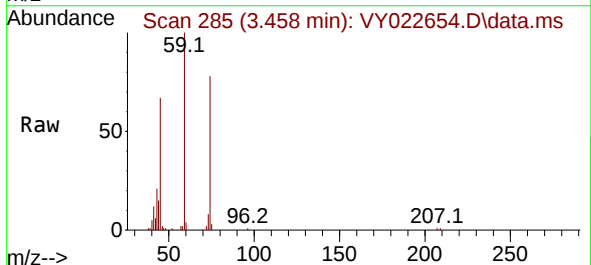
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:101 Resp: 97294
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2



#8
Diethyl Ether
Concen: 20.690 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022654.D
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Tgt Ion: 74 Resp: 18737
Ion Ratio Lower Upper
74 100
45 87.3 45.9 137.6

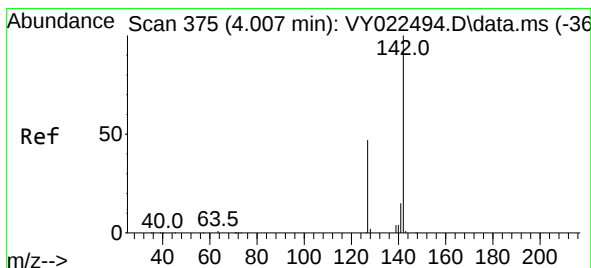
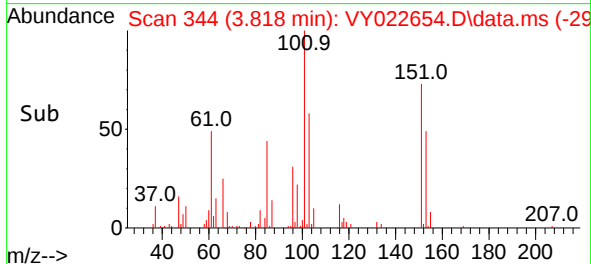
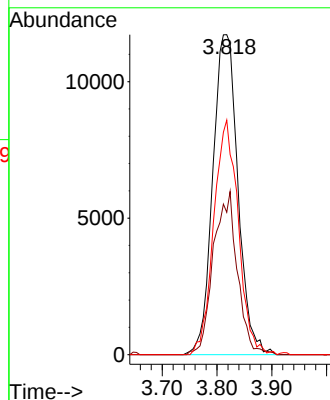
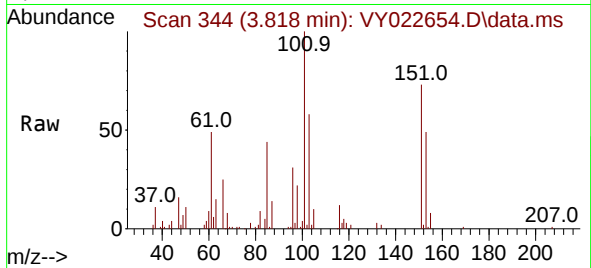




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.075 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022654.D
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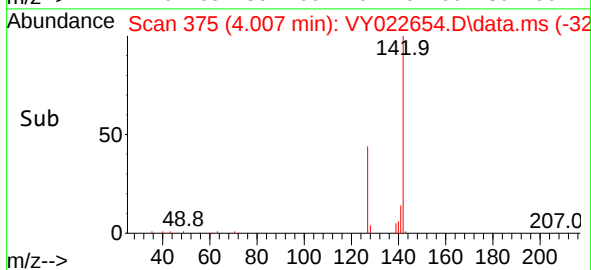
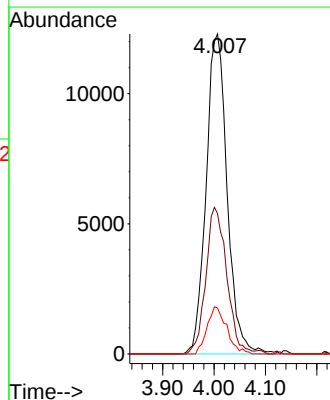
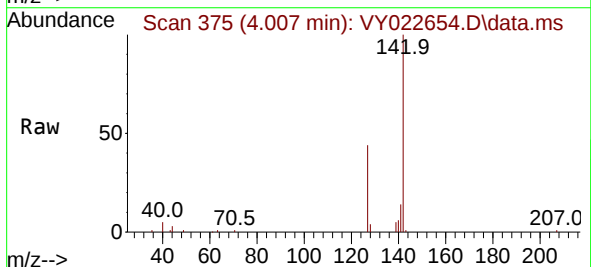
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

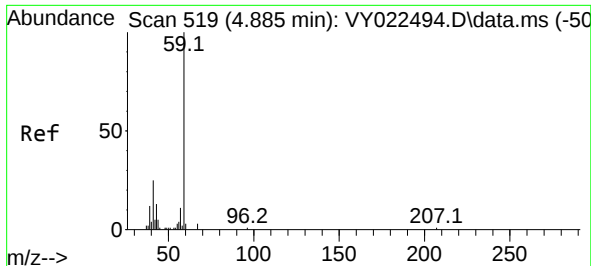
Tgt Ion:101 Resp: 37387
Ion Ratio Lower Upper
101 100
85 48.6 39.3 58.9
151 71.4 57.8 86.8



#10
Methyl Iodide
Concen: 19.085 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:142 Resp: 34979
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 13.8 11.4 17.2

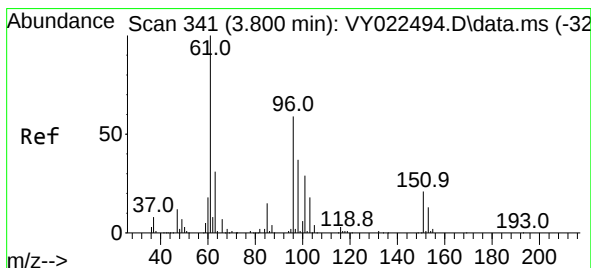
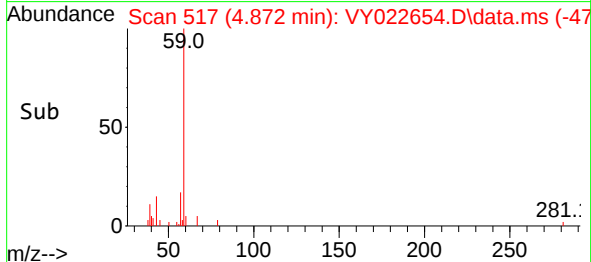
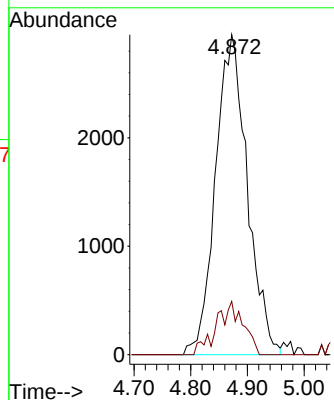
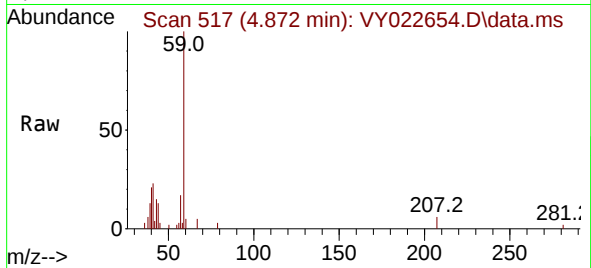




#11
Tert butyl alcohol
Concen: 93.074 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

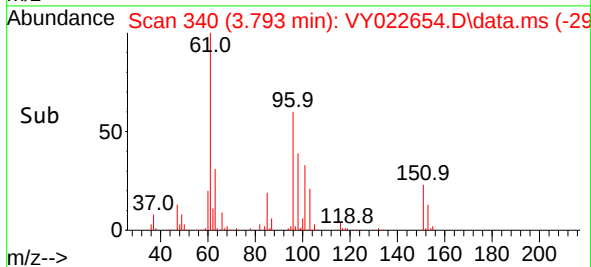
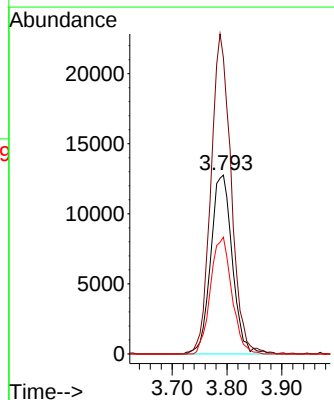
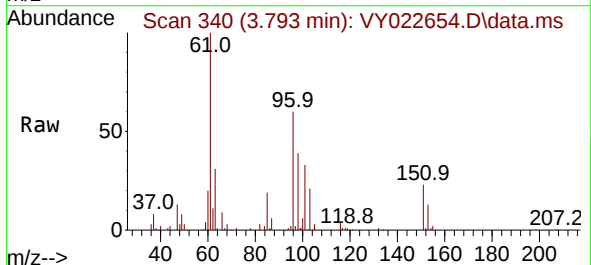
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

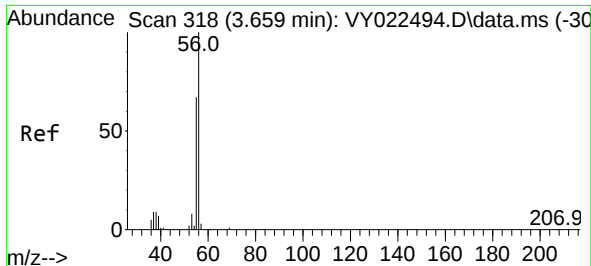
Tgt Ion: 59 Resp: 11478
Ion Ratio Lower Upper
59 100
57 8.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.519 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

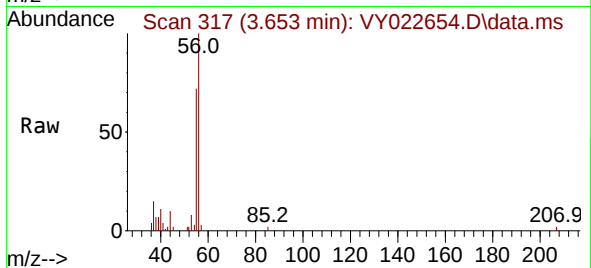
Tgt Ion: 96 Resp: 34837
Ion Ratio Lower Upper
96 100
61 165.6 134.6 201.8
98 65.3 50.2 75.4



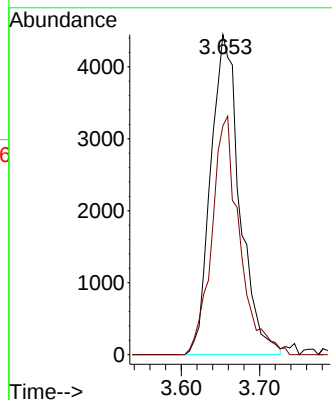
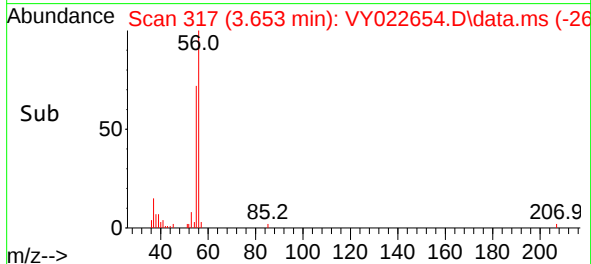


#13
Acrolein
Concen: 74.553 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

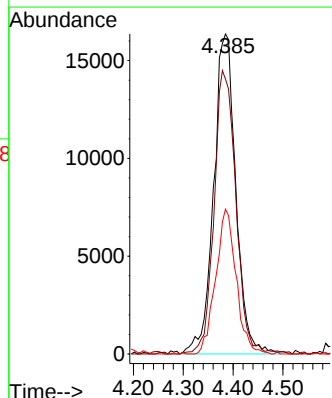
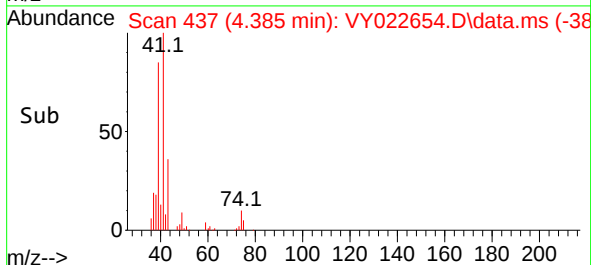
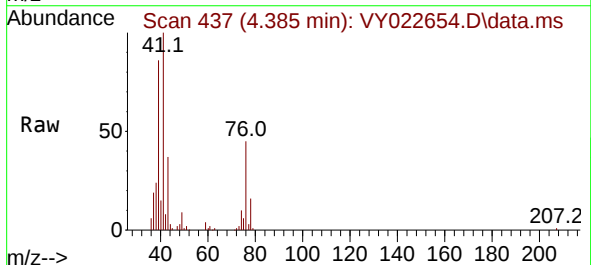


Tgt Ion: 56 Resp: 11458
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6



#14
Allyl chloride
Concen: 19.916 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 50615
Ion Ratio Lower Upper
41 100
39 87.2 69.1 103.7
76 41.6 33.5 50.3

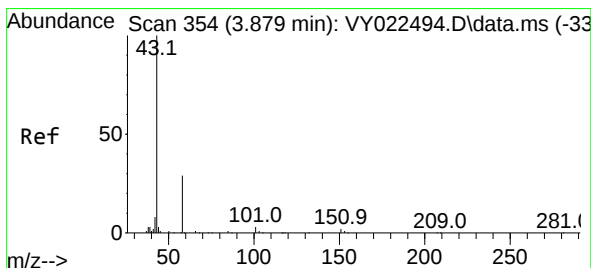
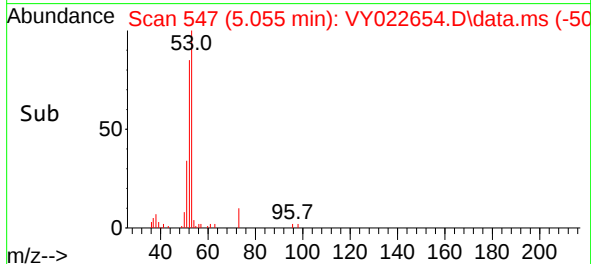
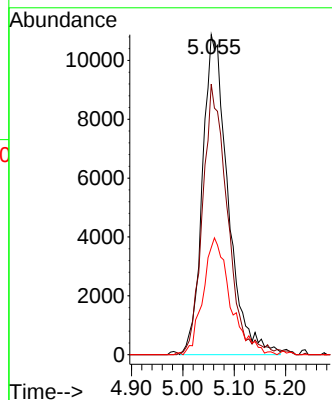
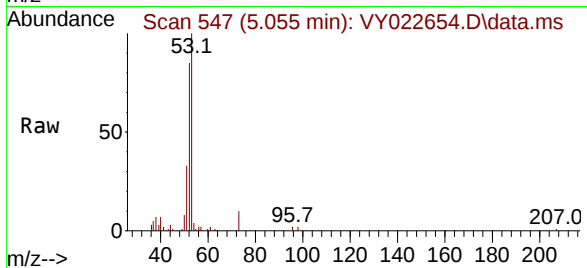




#15
Acrylonitrile
Concen: 97.728 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

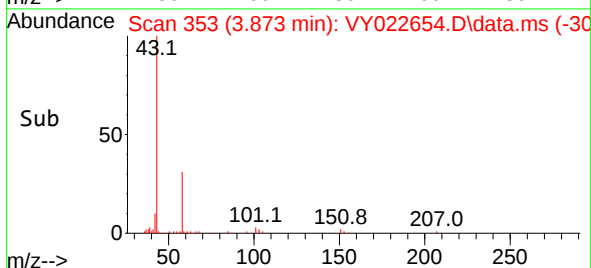
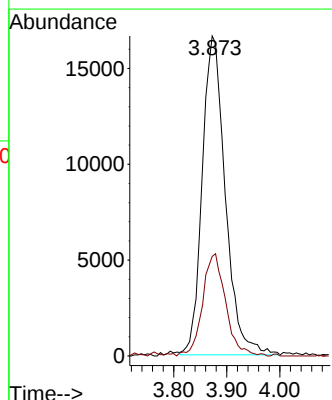
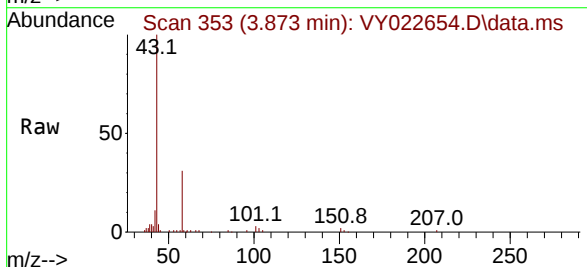
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

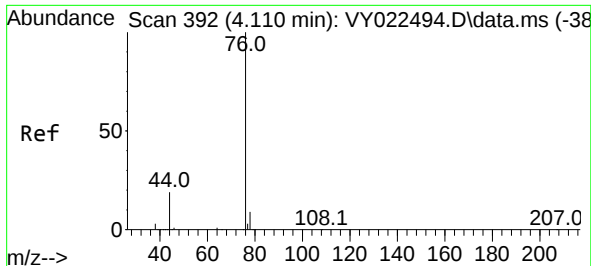
Tgt Ion: 53 Resp: 37482
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 39.1 30.1 45.1



#16
Acetone
Concen: 143.804 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 50425
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0

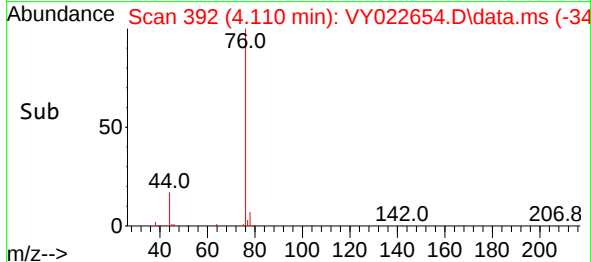
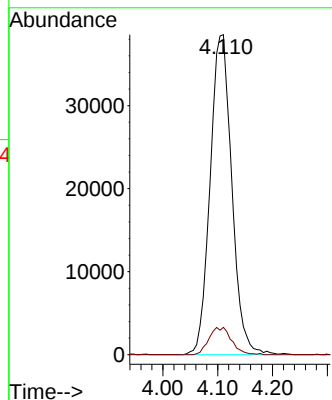
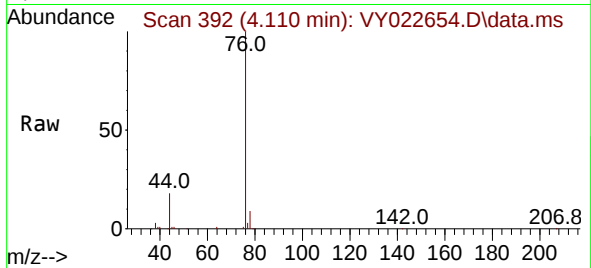




#17
Carbon Disulfide
Concen: 20.400 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

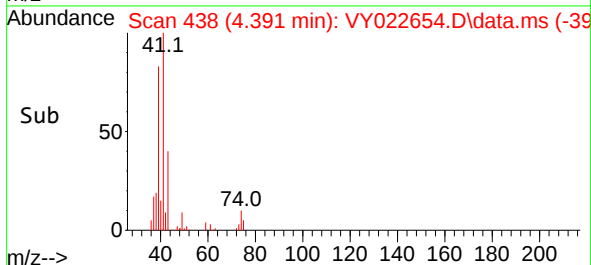
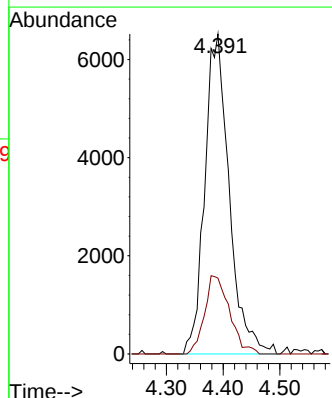
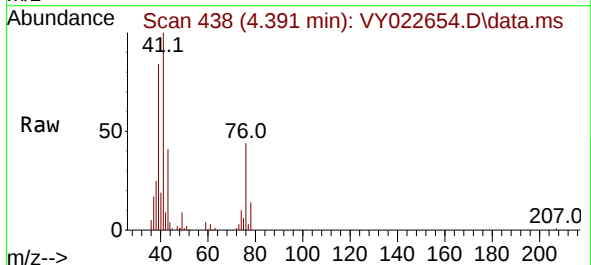
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

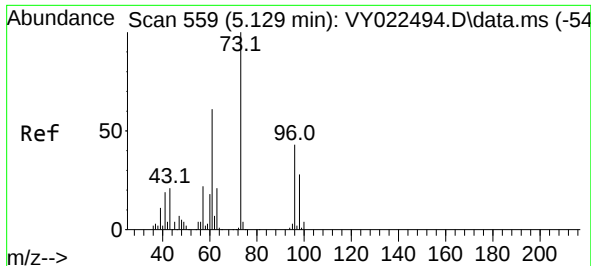
Tgt Ion: 76 Resp: 105733
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 19500
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

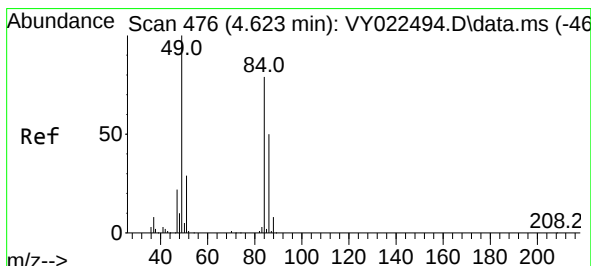
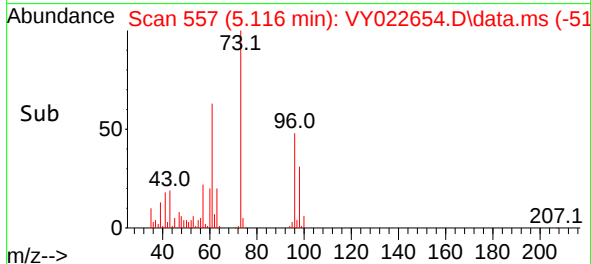
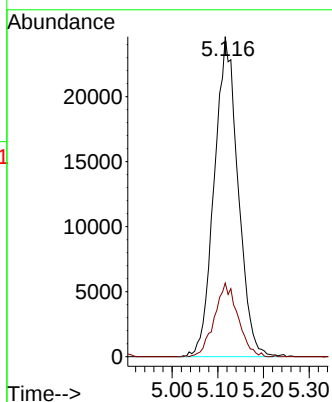
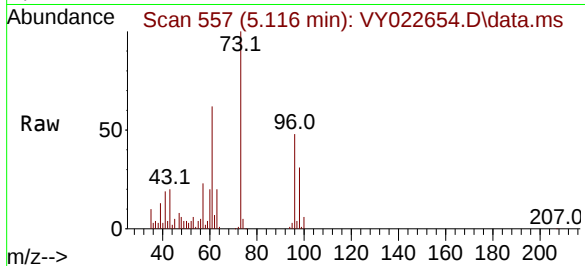




#19
Methyl tert-butyl Ether
Concen: 19.547 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

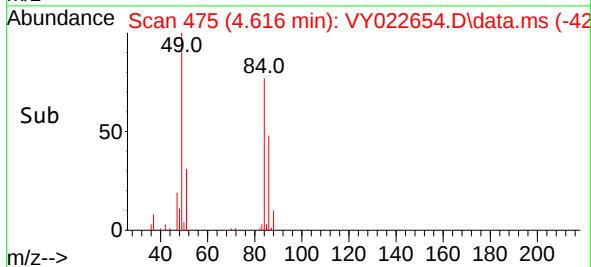
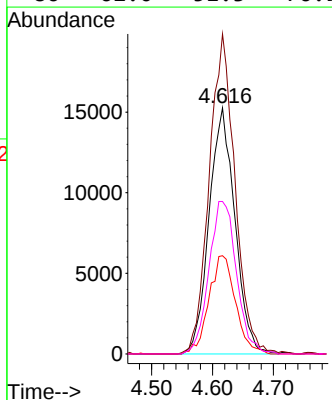
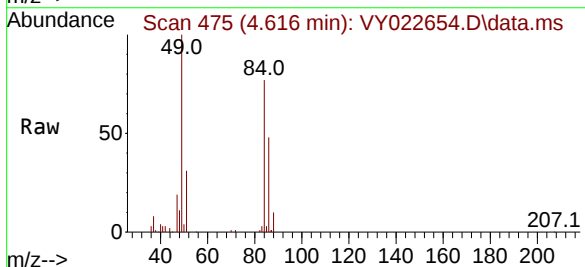
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

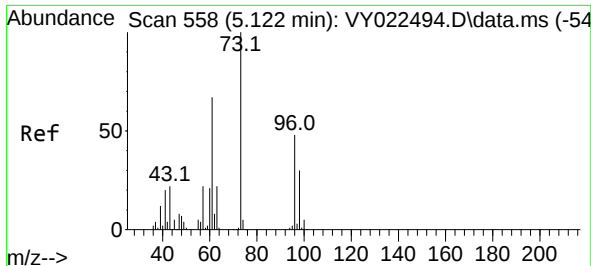
Tgt Ion: 73 Resp: 89130
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 22.579 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 84 Resp: 44974
Ion Ratio Lower Upper
84 100
49 130.0 101.9 152.9
51 39.9 29.8 44.8
86 62.0 51.3 76.9

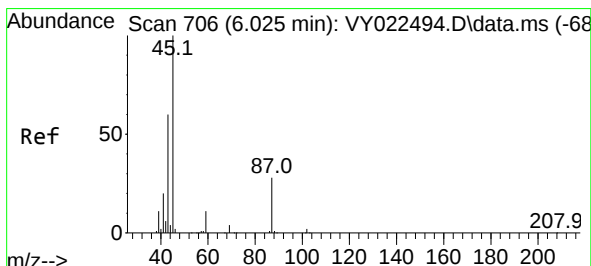
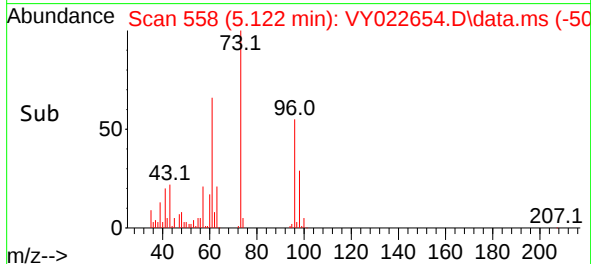
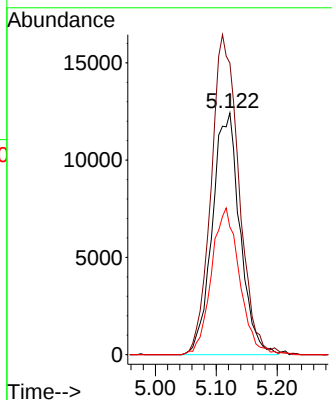
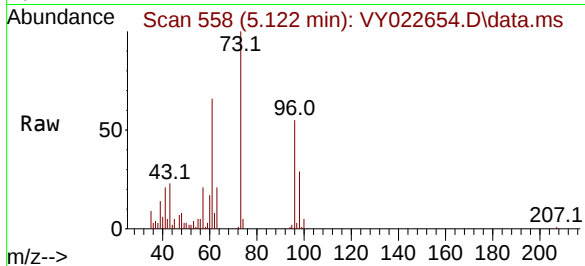




#21
trans-1,2-Dichloroethene
Concen: 21.591 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

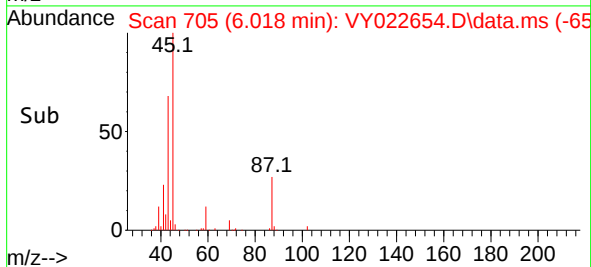
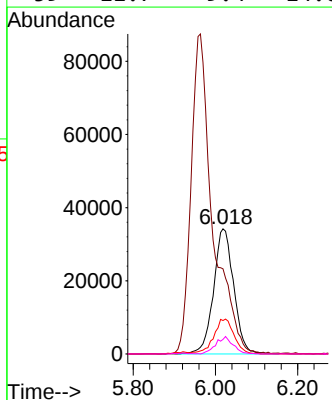
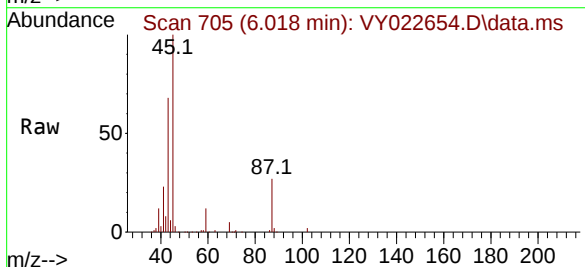
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

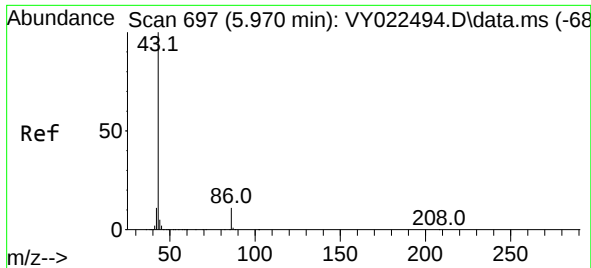
Tgt Ion: 96 Resp: 39120
Ion Ratio Lower Upper
96 100
61 120.7 112.6 169.0
98 52.8 50.6 75.8



#22
Diisopropyl ether
Concen: 20.583 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 45 Resp: 116438
Ion Ratio Lower Upper
45 100
43 67.2 48.3 72.5
87 26.8 23.0 34.6
59 11.7 9.4 14.0

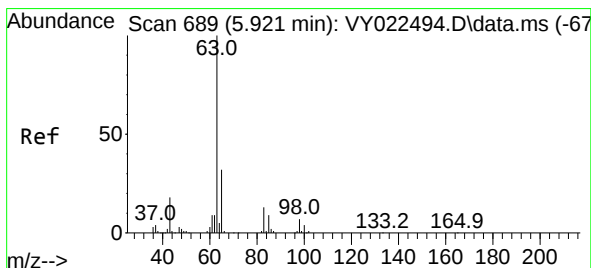
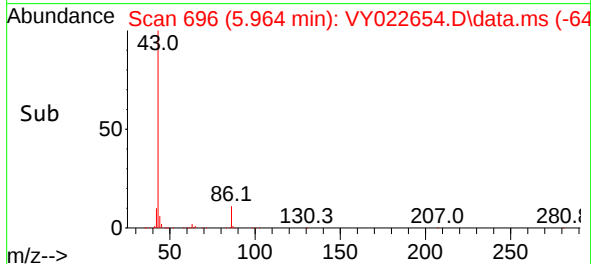
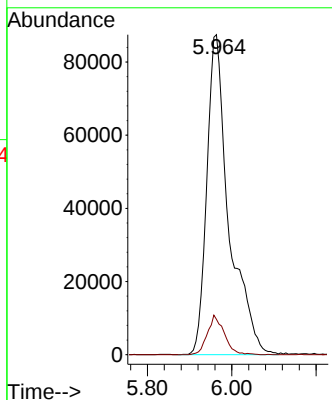
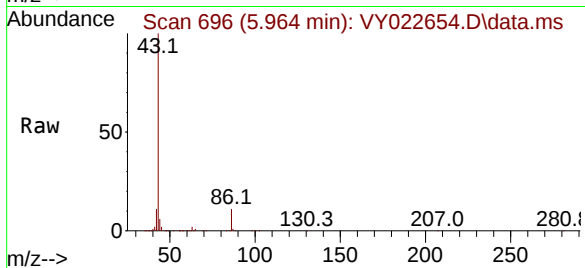




#23
 Vinyl Acetate
 Concen: 95.409 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

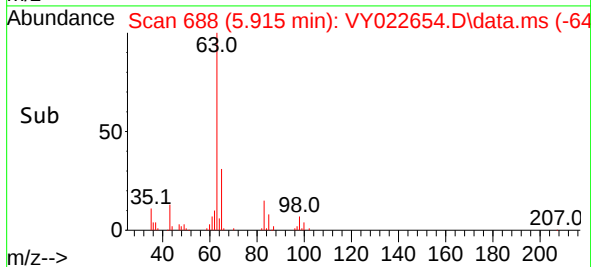
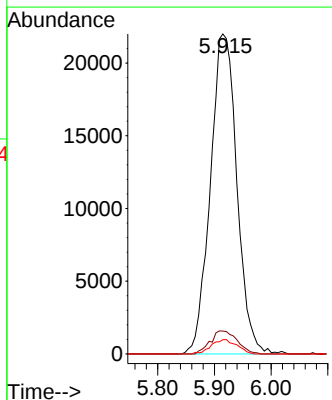
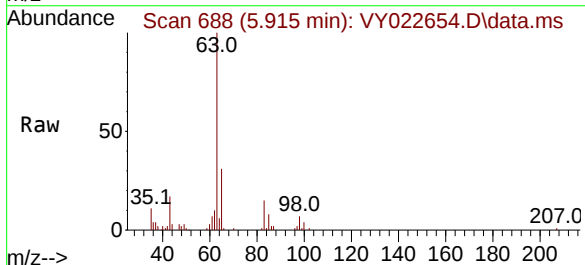
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Tgt Ion: 43 Resp: 319453
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.448 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

Tgt Ion: 63 Resp: 71477
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 117.002 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

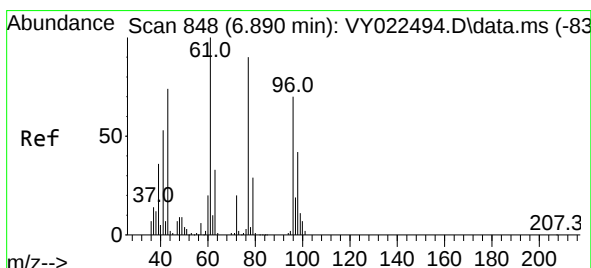
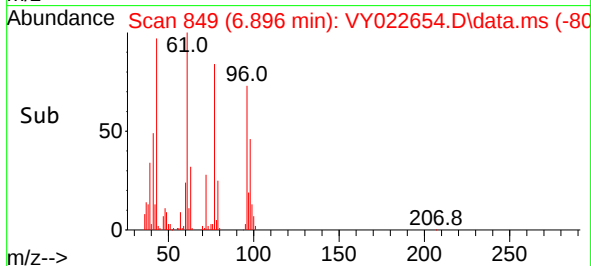
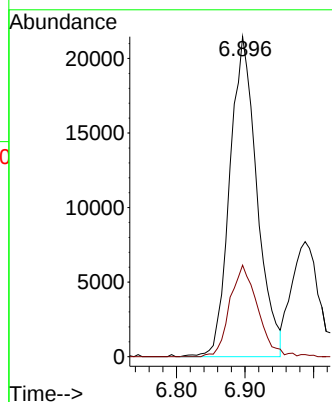
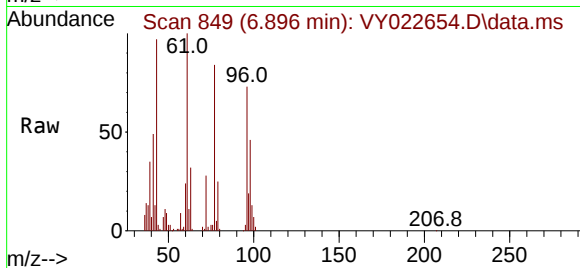
VY0611SBS01

Tgt Ion: 43 Resp: 59179

Ion Ratio Lower Upper

43 100

72 28.6 22.9 34.3



#26

2,2-Dichloropropane

Concen: 22.014 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022654.D

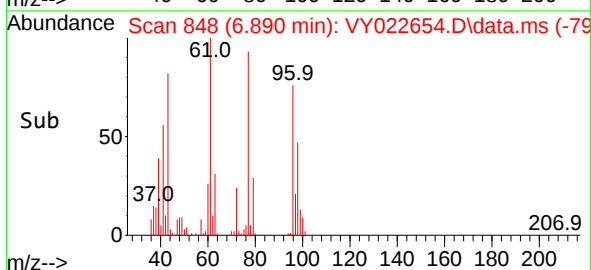
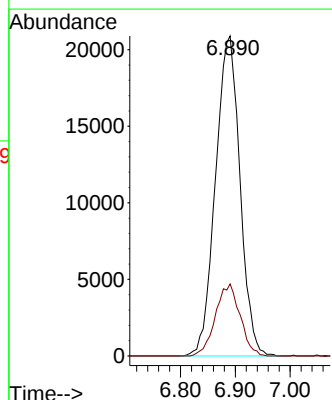
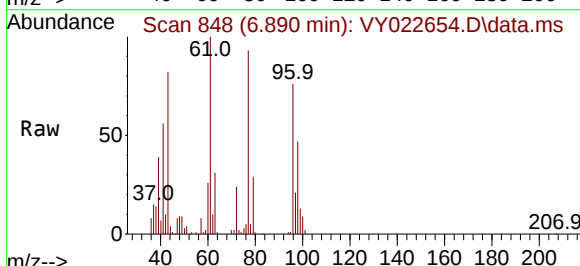
Acq: 11 Jun 2025 11:01

Tgt Ion: 77 Resp: 64822

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.542 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

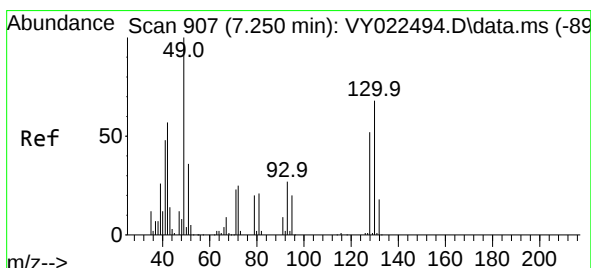
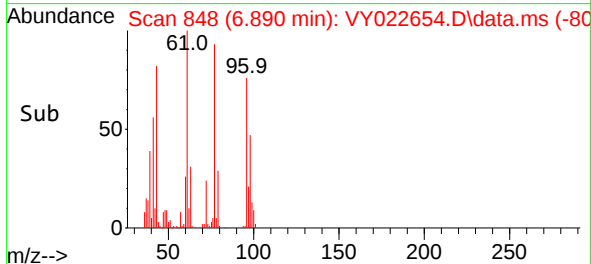
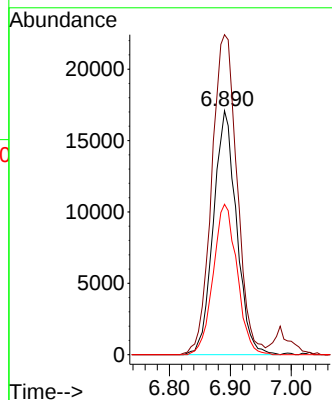
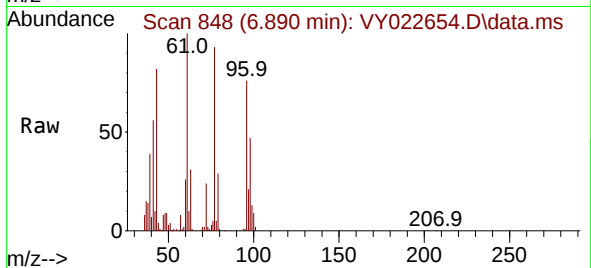
Tgt Ion: 96 Resp: 45115

Ion Ratio Lower Upper

96 100

61 143.6 0.0 290.0

98 63.6 0.0 128.4



#28

Bromochloromethane

Concen: 20.607 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

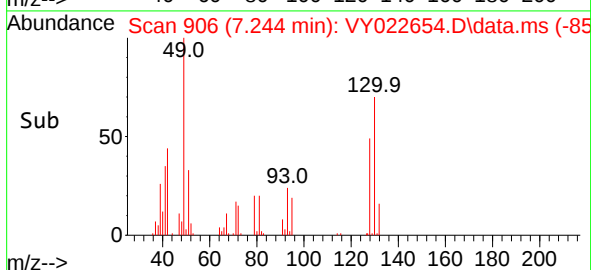
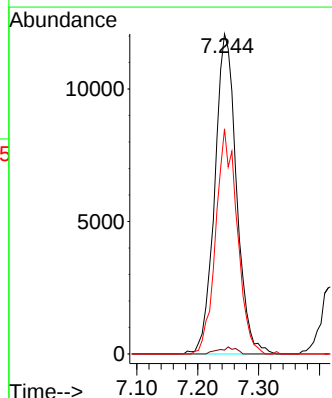
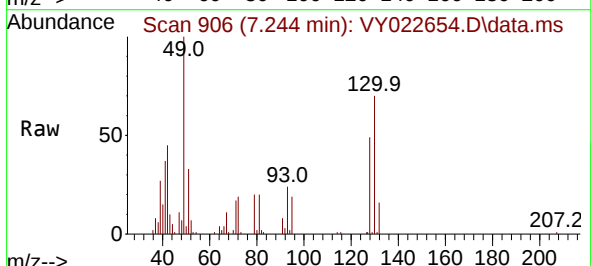
Tgt Ion: 49 Resp: 29937

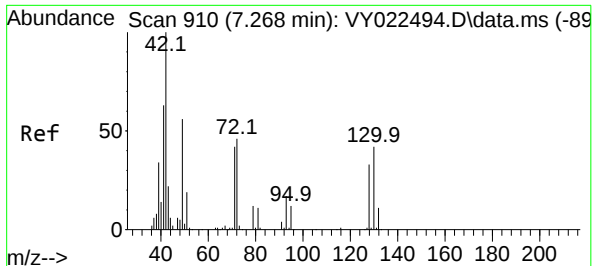
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 69.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 92.970 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

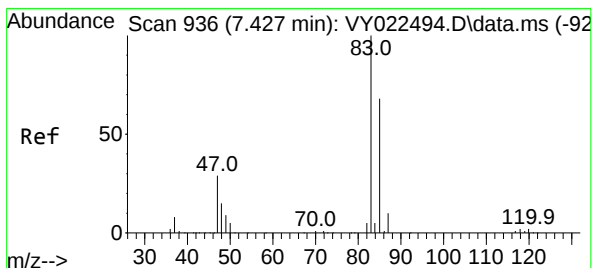
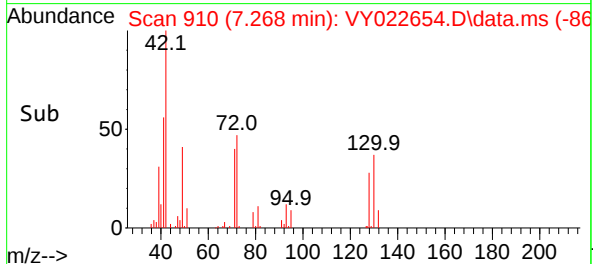
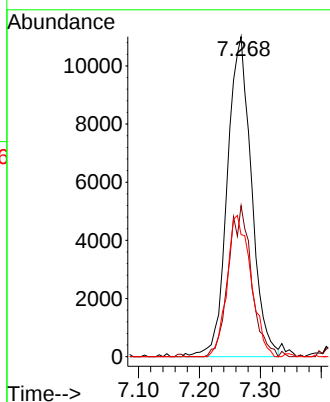
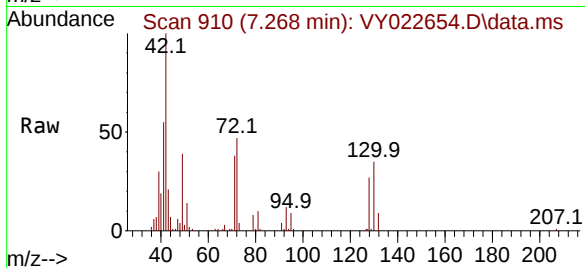
Tgt Ion: 42 Resp: 30329

Ion Ratio Lower Upper

42 100

72 45.2 37.4 56.2

71 43.6 34.2 51.2



#30

Chloroform

Concen: 22.269 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022654.D

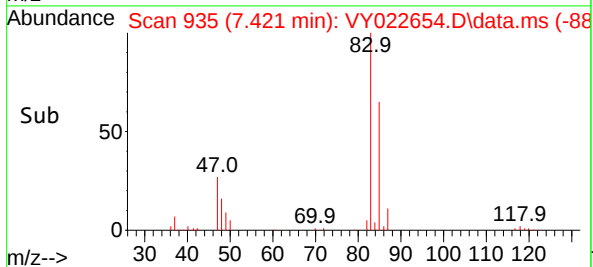
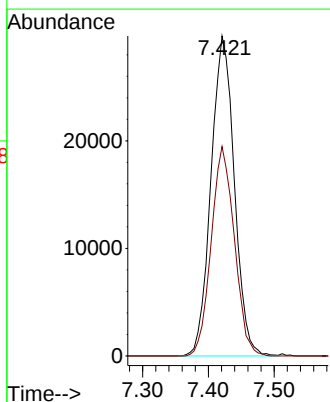
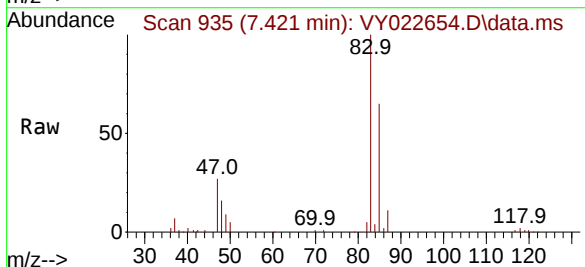
Acq: 11 Jun 2025 11:01

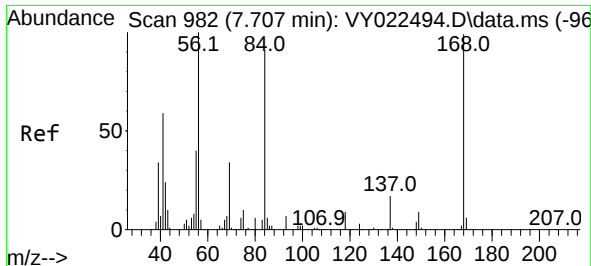
Tgt Ion: 83 Resp: 73510

Ion Ratio Lower Upper

83 100

85 65.5 54.2 81.4

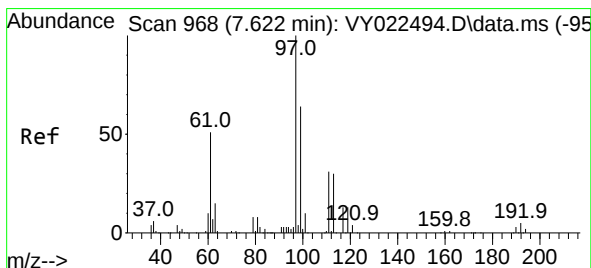
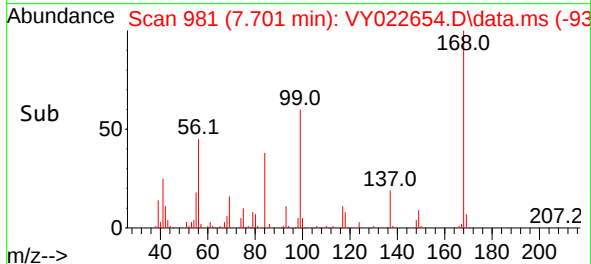
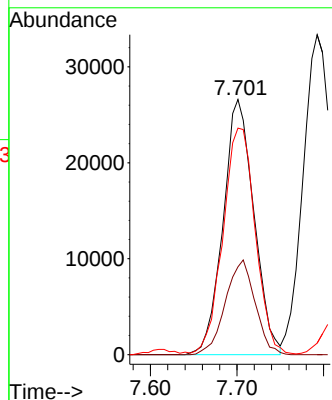
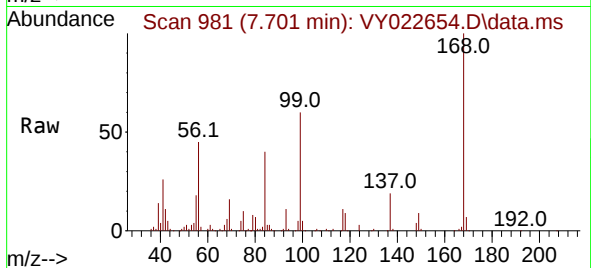




#31
Cyclohexane
Concen: 19.860 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

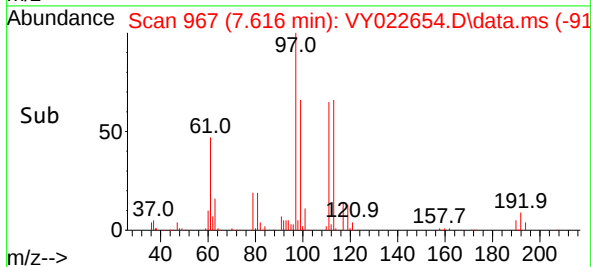
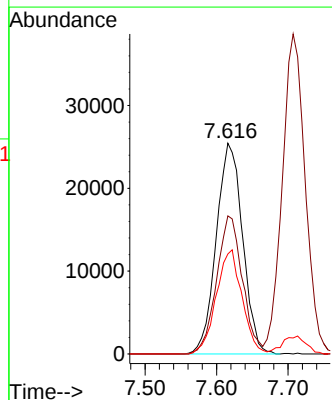
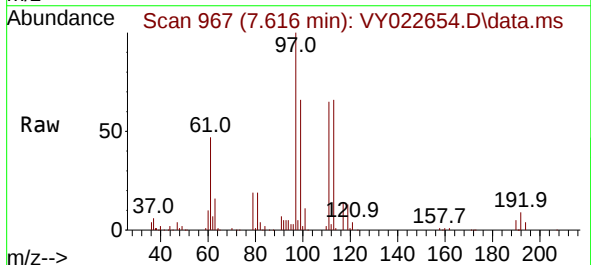
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 56 Resp: 65893
Ion Ratio Lower Upper
56 100
69 34.4 27.0 40.6
84 88.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.208 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 97 Resp: 65077
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 48.5 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.150 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

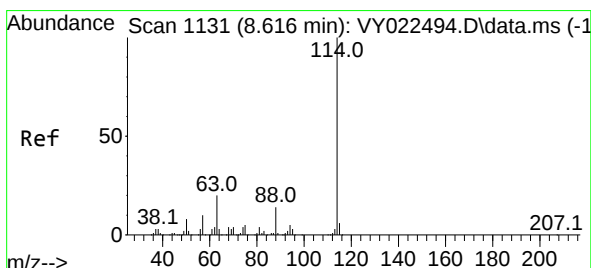
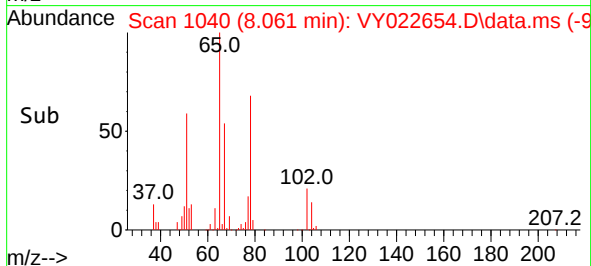
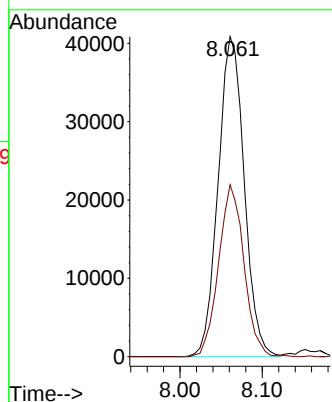
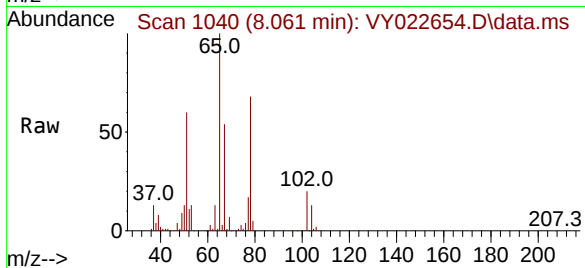
VY0611SBS01

Tgt Ion: 65 Resp: 90043

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

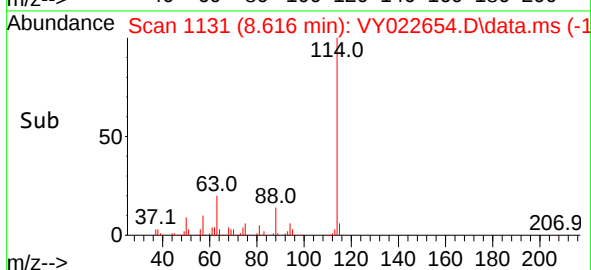
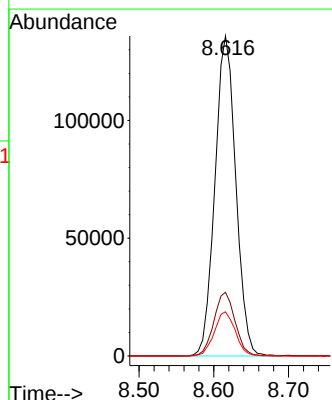
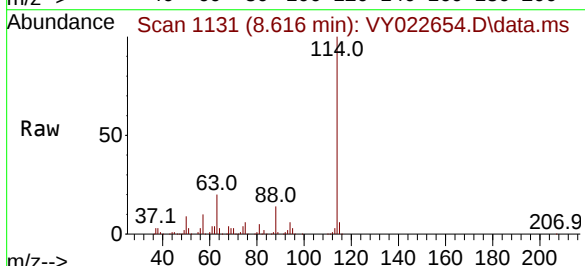
Tgt Ion: 114 Resp: 263261

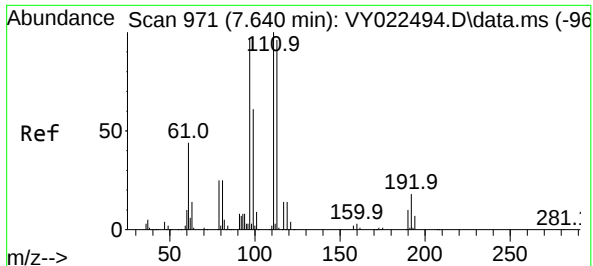
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 13.8 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.345 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

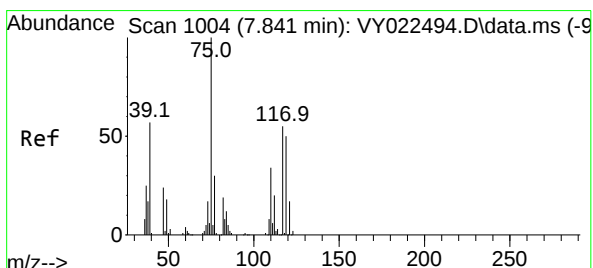
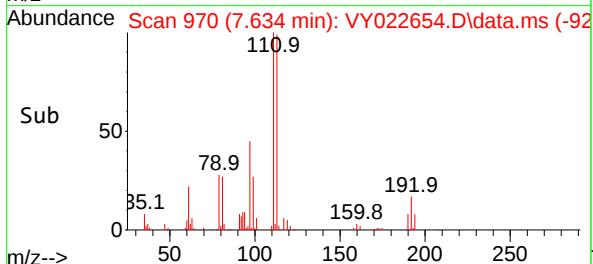
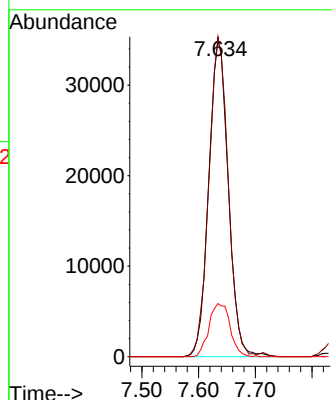
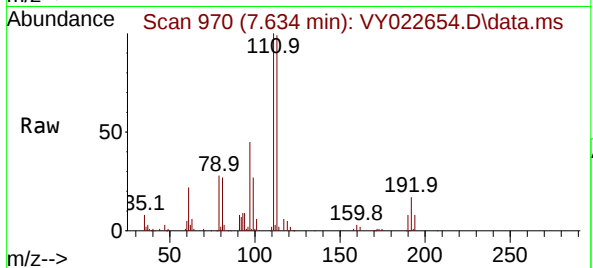
Tgt Ion:113 Resp: 83823

Ion Ratio Lower Upper

113 100

111 100.0 81.1 121.7

192 18.0 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.470 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

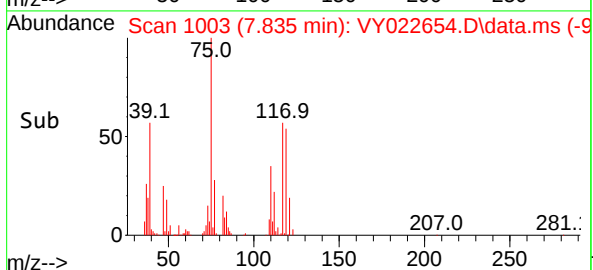
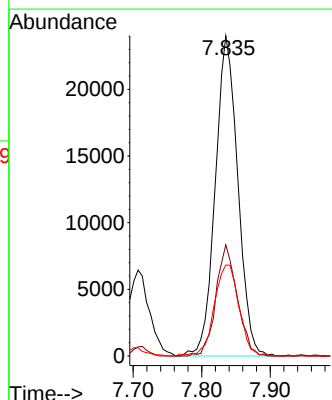
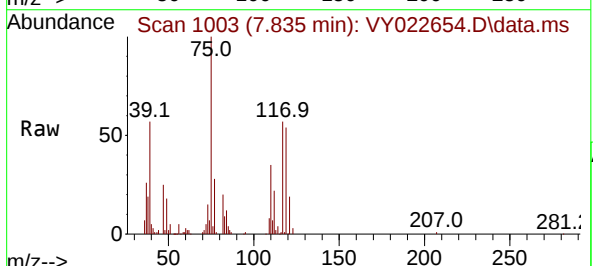
Tgt Ion: 75 Resp: 54754

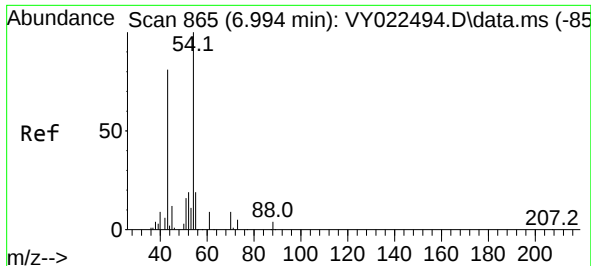
Ion Ratio Lower Upper

75 100

110 32.7 16.9 50.7

77 31.2 24.8 37.2

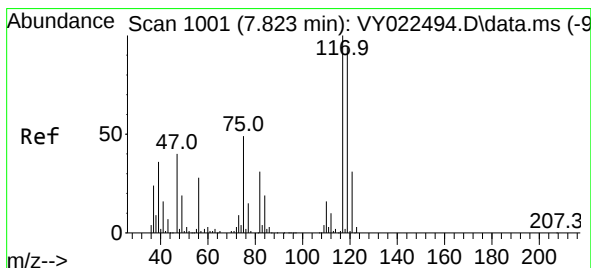
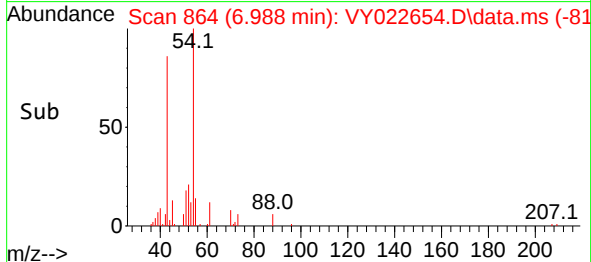
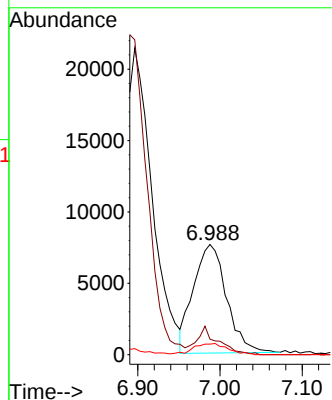
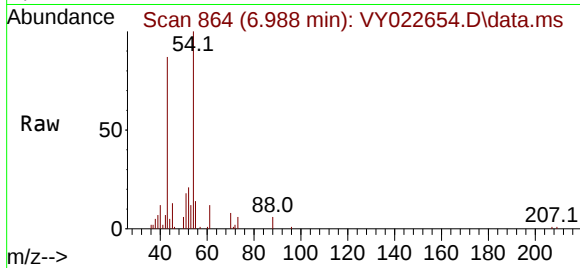




#37
Ethyl Acetate
Concen: 18.716 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

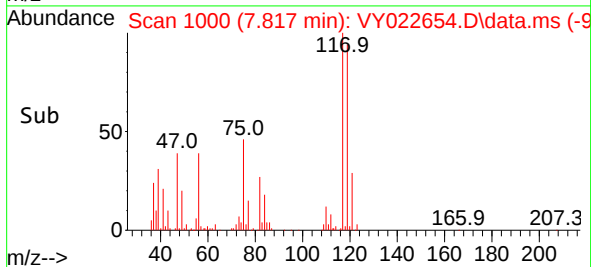
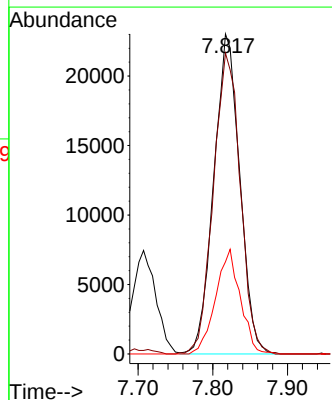
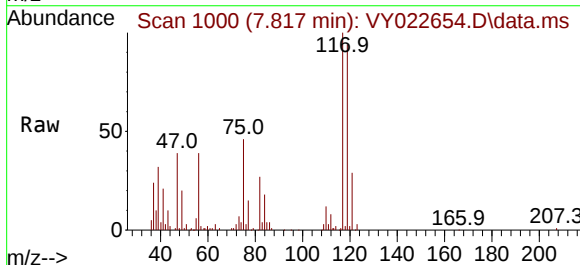
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

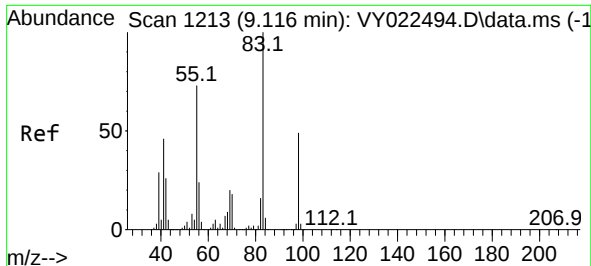
Tgt Ion: 43 Resp: 21286
Ion Ratio Lower Upper
43 100
61 16.9 11.5 17.3
70 10.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.227 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 117 Resp: 55534
Ion Ratio Lower Upper
117 100
119 94.0 75.0 112.6
121 28.8 25.0 37.4





#39

Methylcyclohexane

Concen: 19.873 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

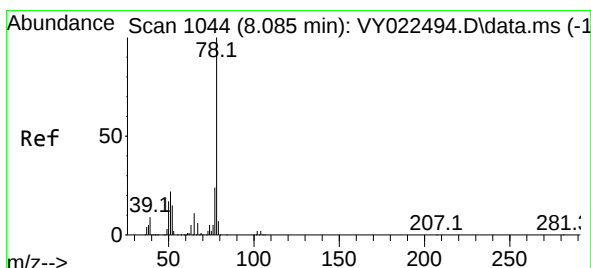
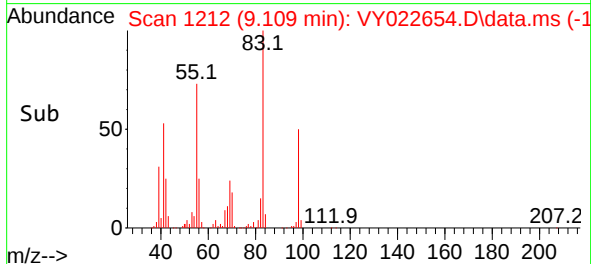
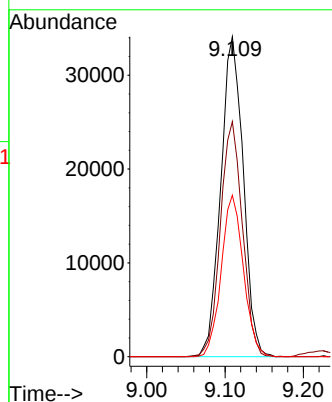
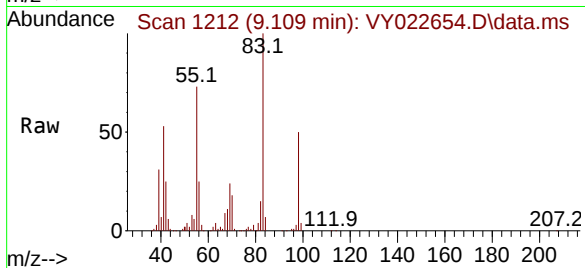
Tgt Ion: 83 Resp: 68109

Ion Ratio Lower Upper

83 100

55 73.5 58.1 87.1

98 50.4 39.0 58.6



#40

Benzene

Concen: 21.236 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022654.D

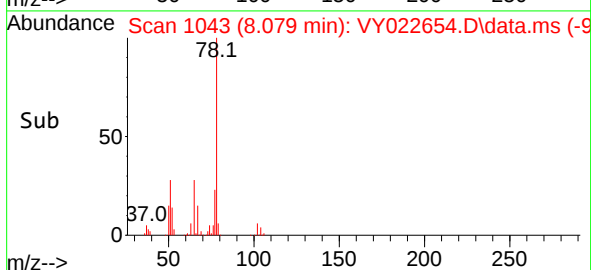
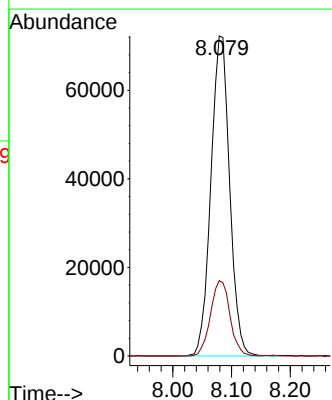
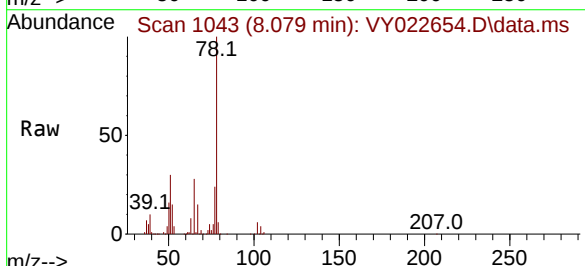
Acq: 11 Jun 2025 11:01

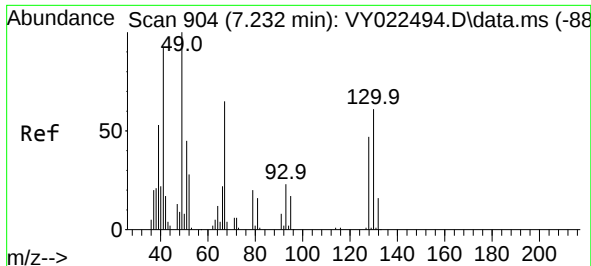
Tgt Ion: 78 Resp: 159964

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

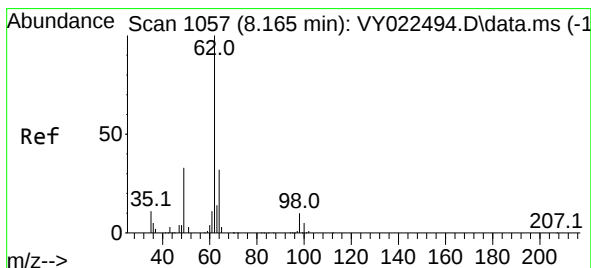
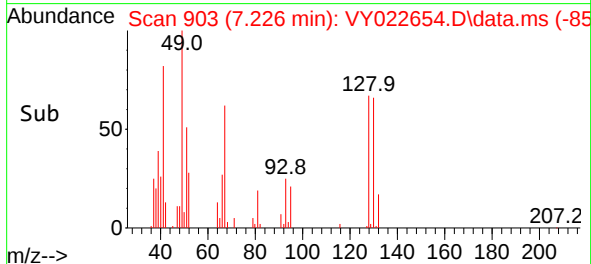
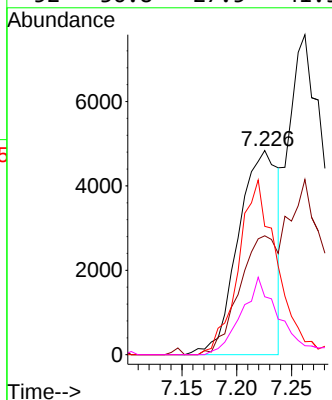
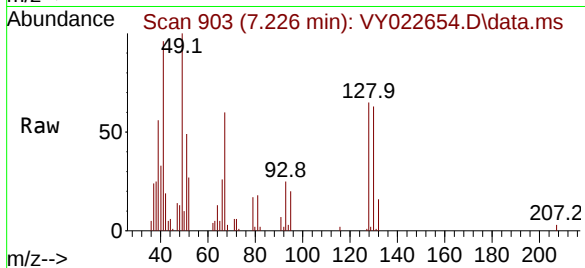




#41
Methacrylonitrile
Concen: 18.275 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

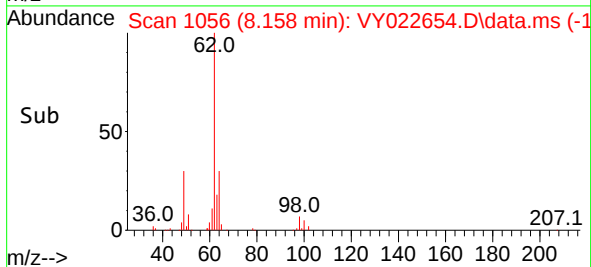
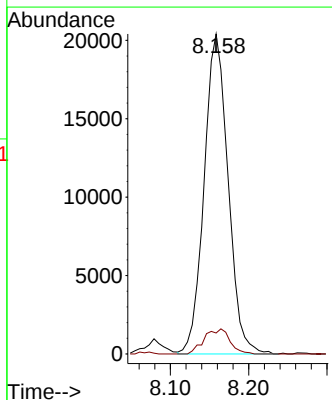
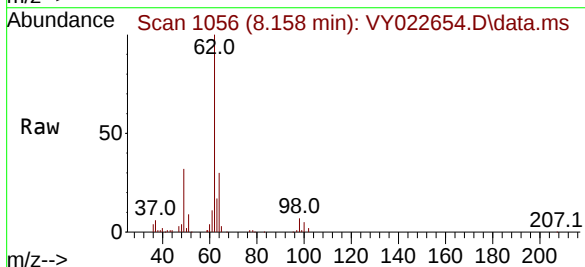
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

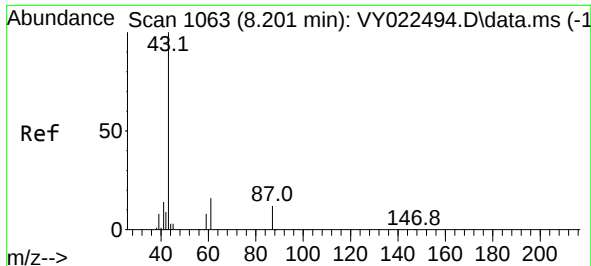
Tgt Ion:	41	Resp:	12140
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	84.8	63.3	94.9
52	36.8	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.094 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:	62	Resp:	43385
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.2

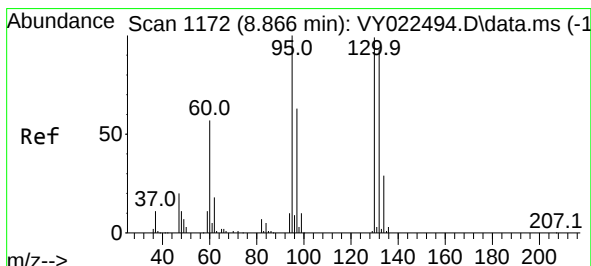
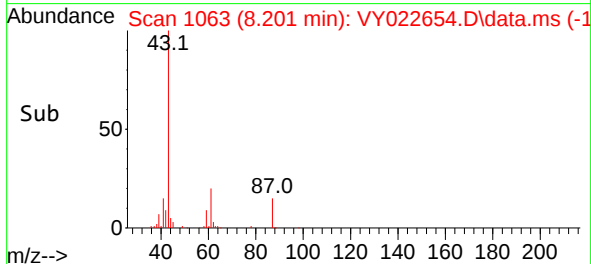
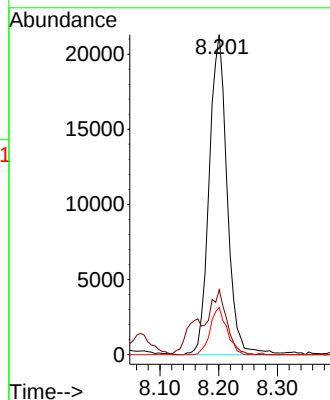
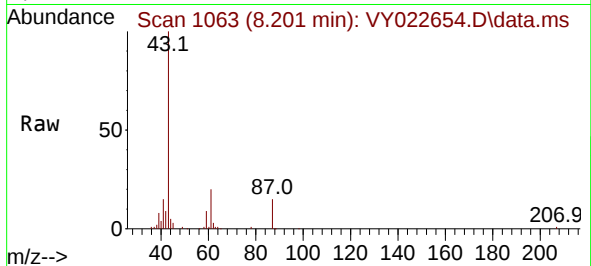




#43
Isopropyl Acetate
Concen: 18.355 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

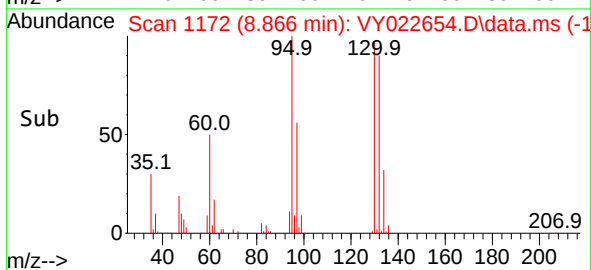
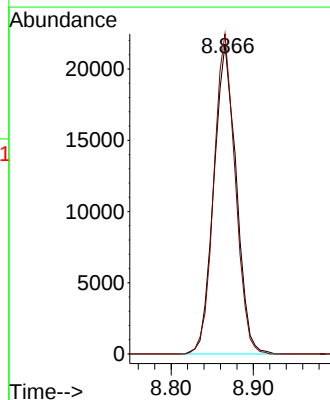
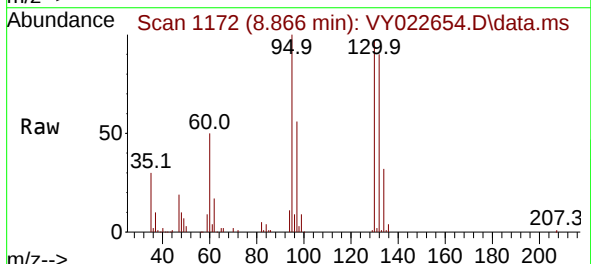
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

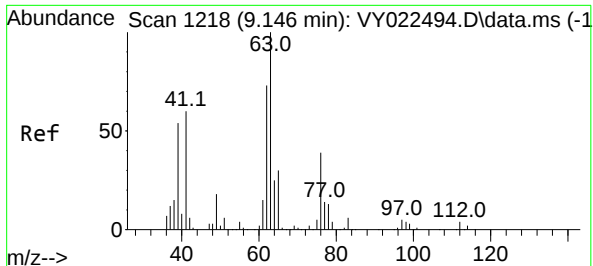
Tgt Ion: 43 Resp: 45086
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 22.364 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:130 Resp: 41172
Ion Ratio Lower Upper
130 100
95 103.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.609 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

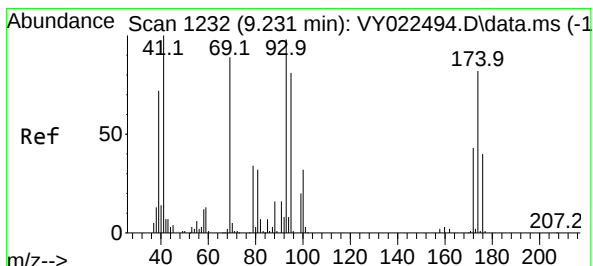
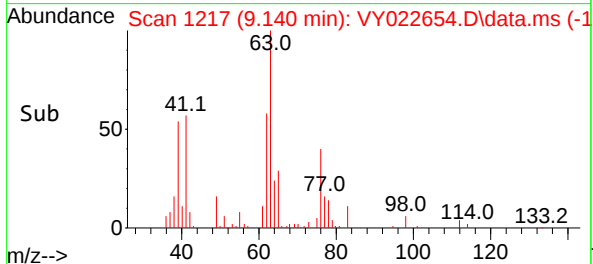
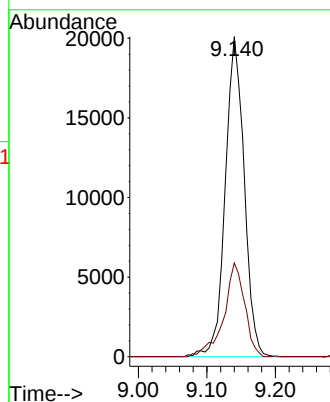
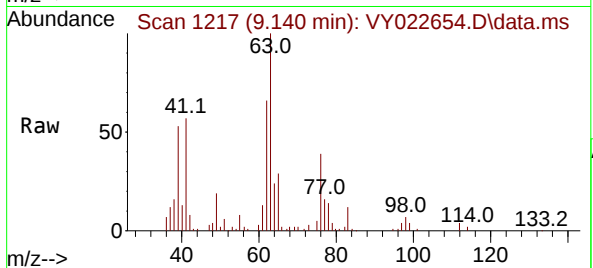
VY0611SBS01

Tgt Ion: 63 Resp: 38468

Ion Ratio Lower Upper

63 100

65 29.3 24.0 36.0



#46

Dibromomethane

Concen: 21.104 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

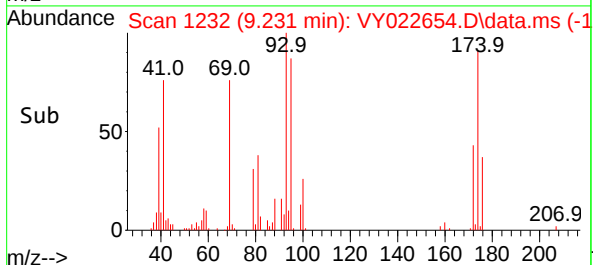
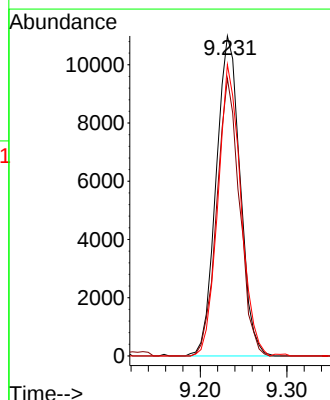
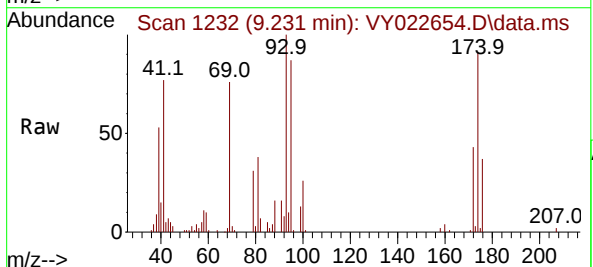
Tgt Ion: 93 Resp: 21136

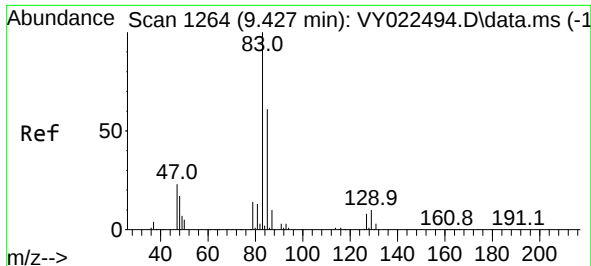
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 86.7 70.4 105.6

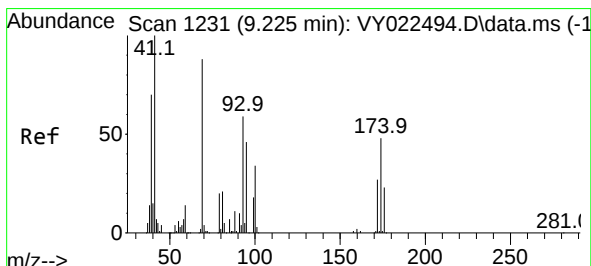
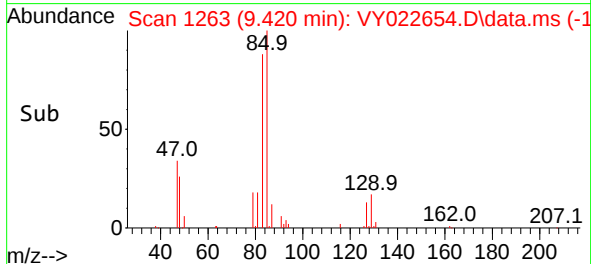
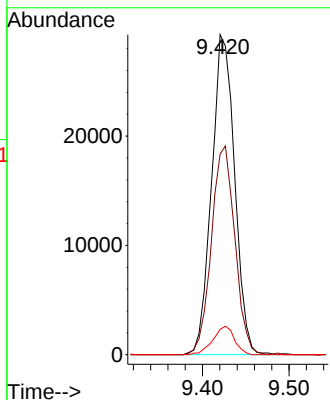
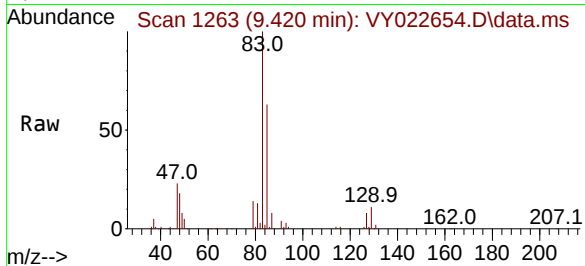




#47
Bromodichloromethane
Concen: 21.271 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

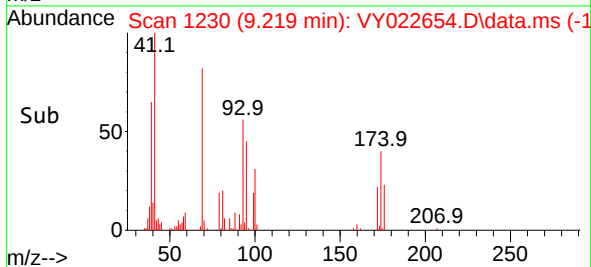
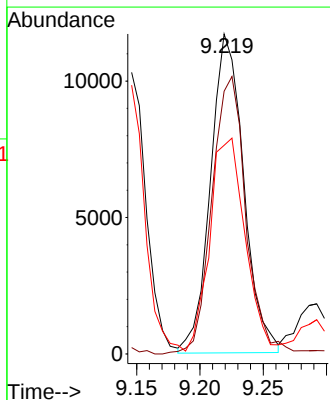
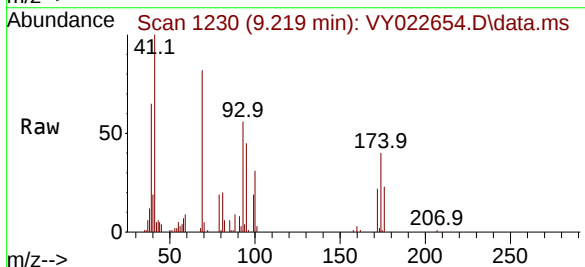
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

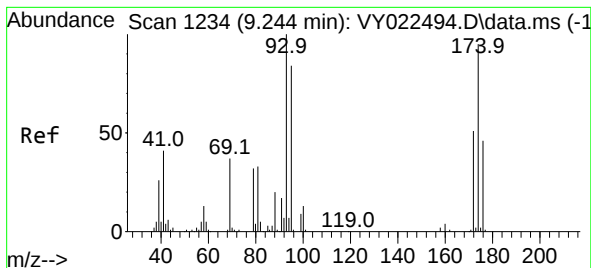
Tgt Ion: 83 Resp: 54018
Ion Ratio Lower Upper
83 100
85 62.7 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 18.509 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 41 Resp: 21337
Ion Ratio Lower Upper
41 100
69 89.3 67.8 101.8
39 71.3 55.0 82.4





#49

1,4-Dioxane

Concen: 371.176 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

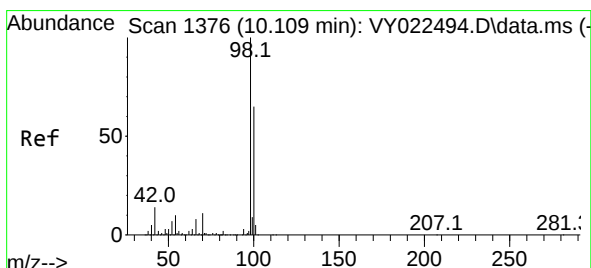
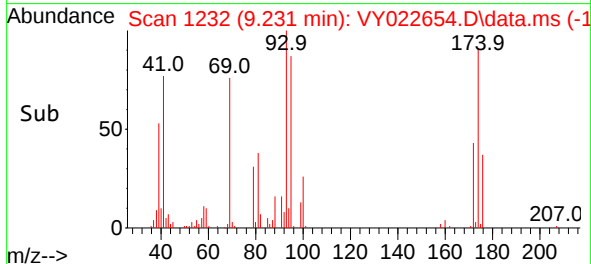
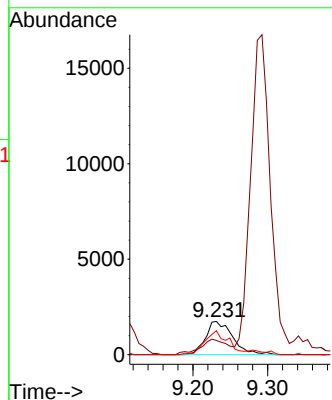
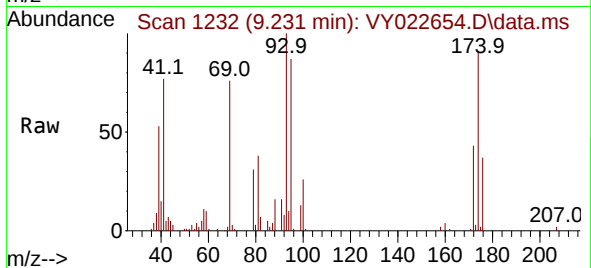
Tgt Ion: 88 Resp: 4404

Ion Ratio Lower Upper

88 100

43 47.1 25.4 38.2#

58 61.6 54.9 82.3



#50

Toluene-d8

Concen: 53.850 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022654.D

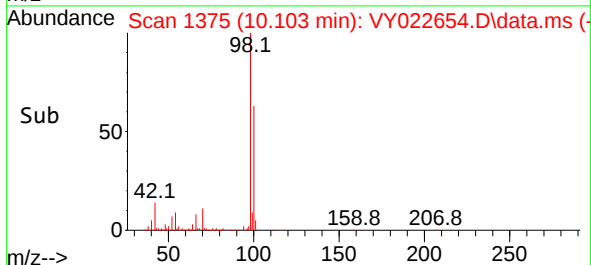
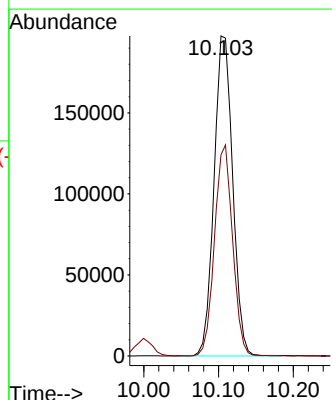
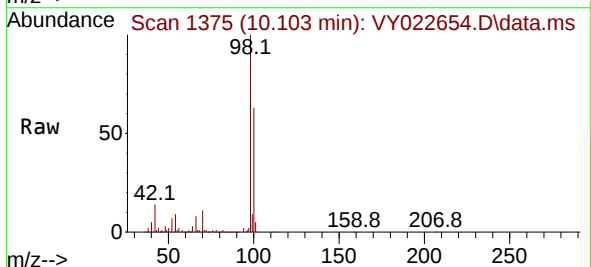
Acq: 11 Jun 2025 11:01

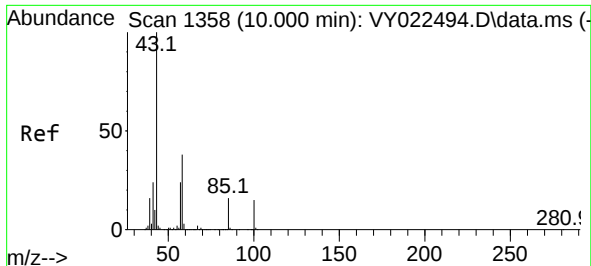
Tgt Ion: 98 Resp: 341908

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

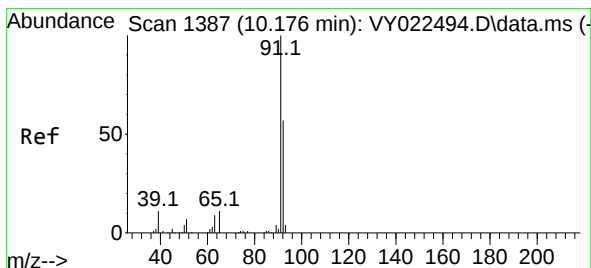
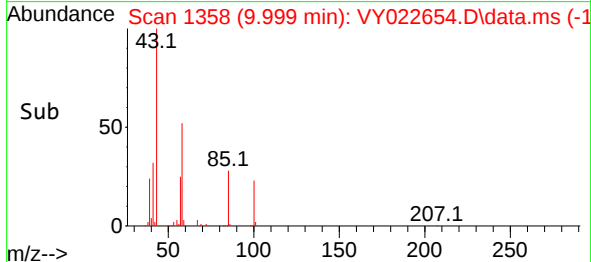
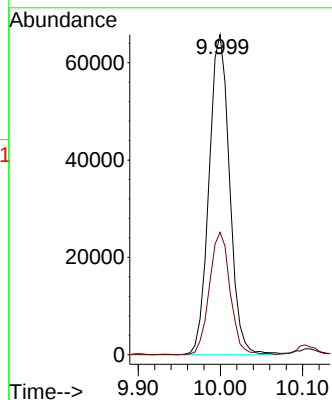
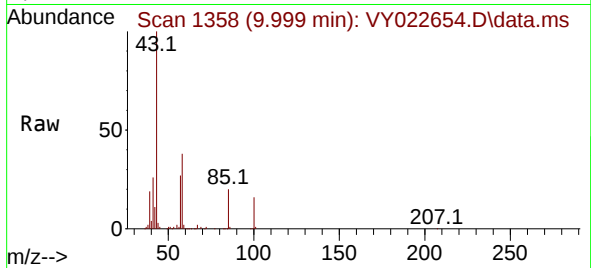




#51
4-Methyl-2-Pentanone
Concen: 93.372 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

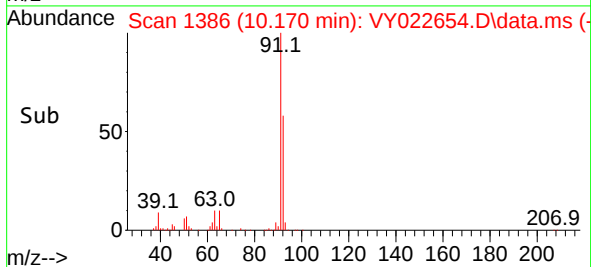
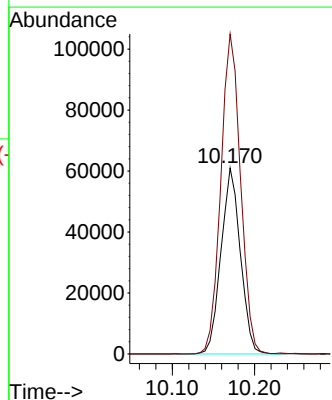
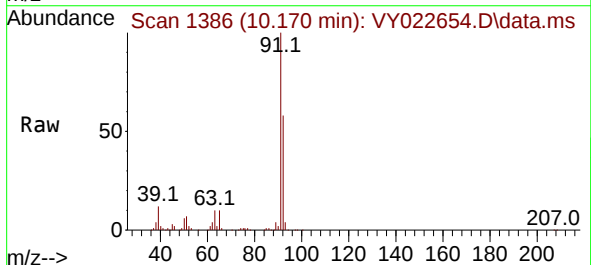
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

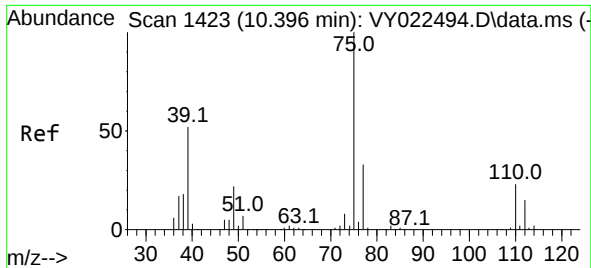
Tgt Ion: 43 Resp: 114346
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#52
Toluene
Concen: 21.067 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 92 Resp: 99726
Ion Ratio Lower Upper
92 100
91 175.3 139.0 208.4

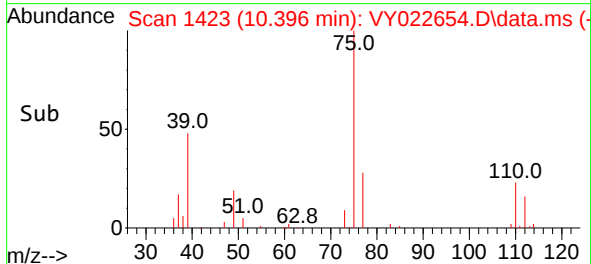
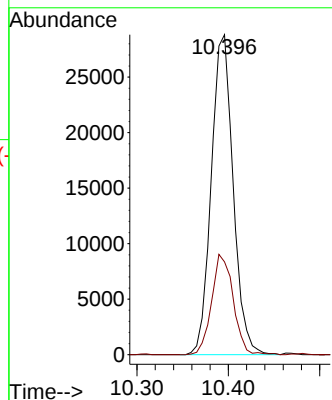
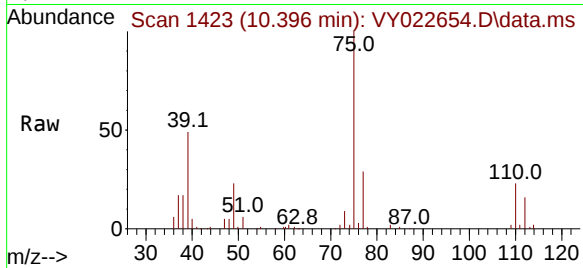




#53
t-1,3-Dichloropropene
Concen: 20.111 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

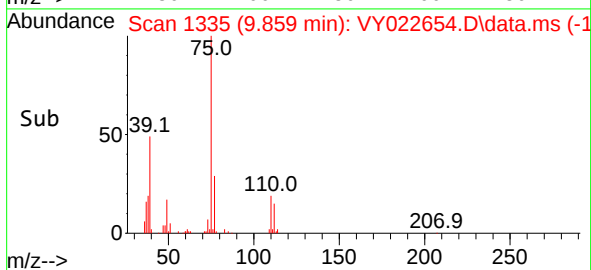
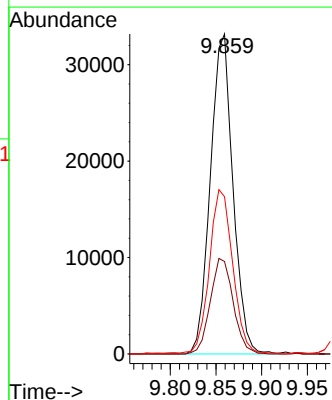
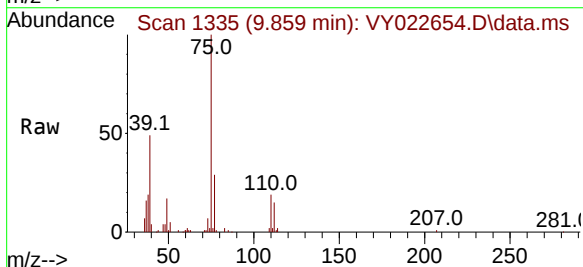
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

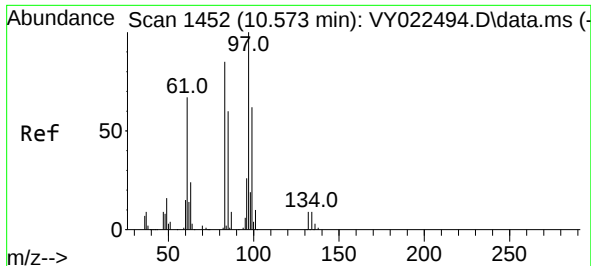
Tgt Ion: 75 Resp: 47853
Ion Ratio Lower Upper
75 100
77 29.0 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.571 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 56976
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9
39 49.2 42.7 64.1

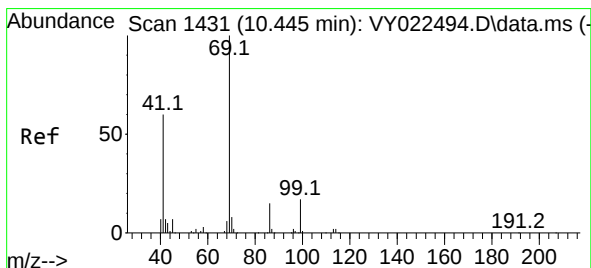
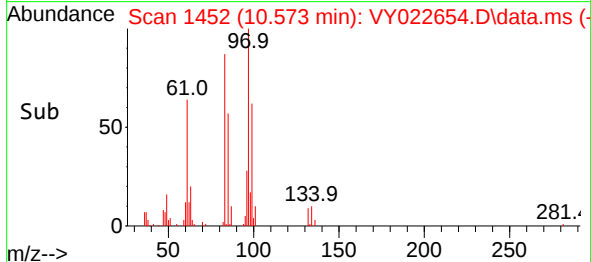
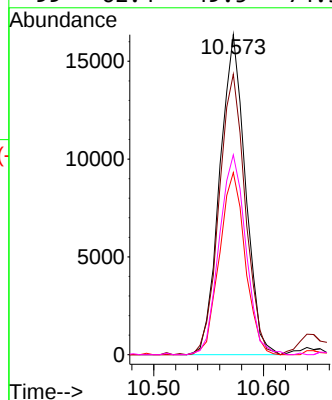
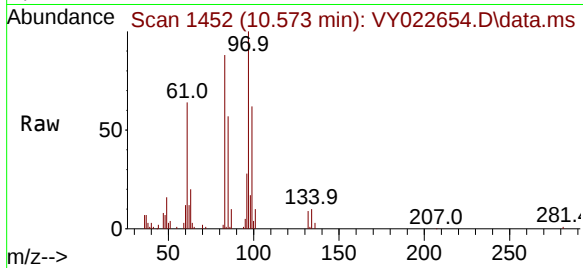




#55
1,1,2-Trichloroethane
Concen: 20.835 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

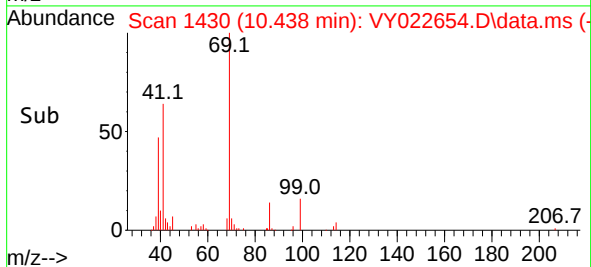
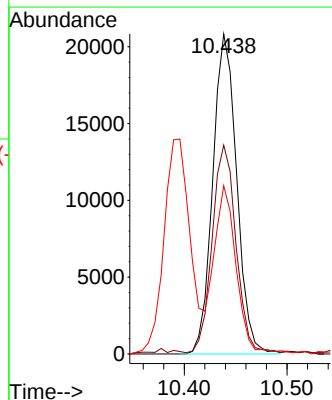
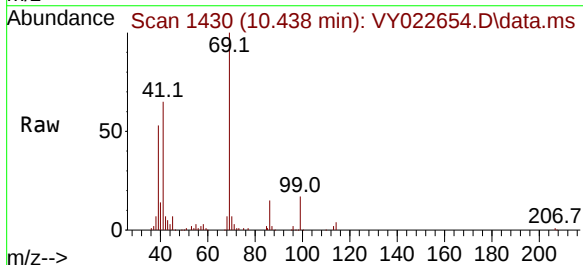
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 97	Resp: 26608
Ion Ratio	Lower Upper
97 100	
83 87.7	68.1 102.1
85 56.9	48.2 72.2
99 62.4	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.248 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 69	Resp: 33681
Ion Ratio	Lower Upper
69 100	
41 64.7	52.2 78.2
39 48.5	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.685 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

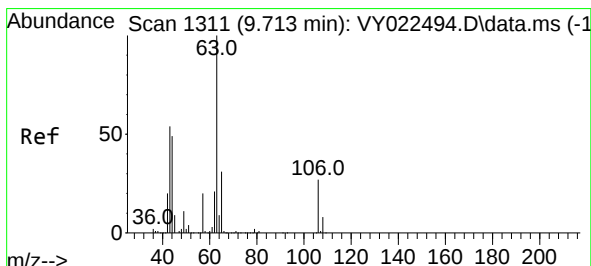
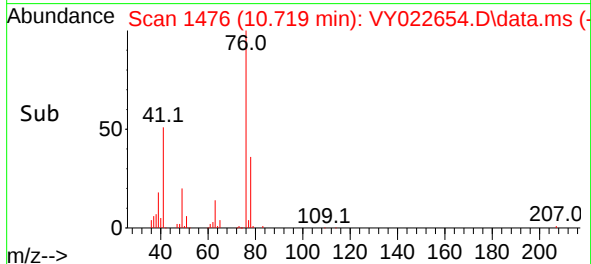
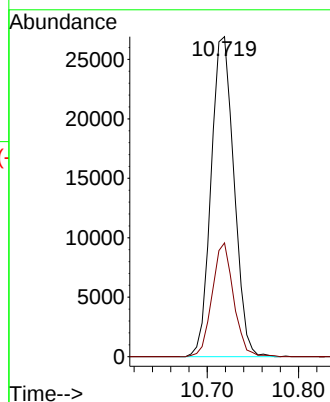
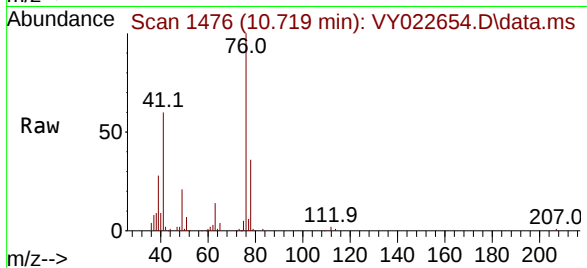
VY0611SBS01

Tgt Ion: 76 Resp: 46820

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.509 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022654.D

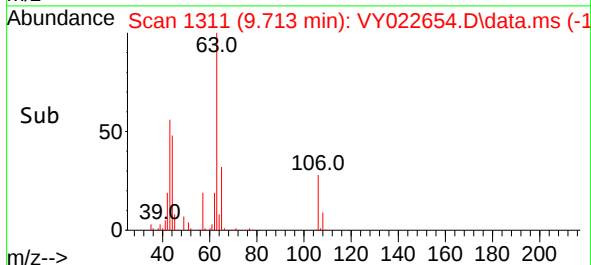
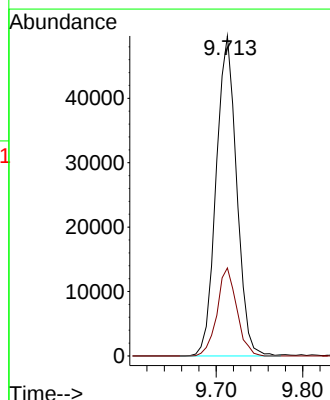
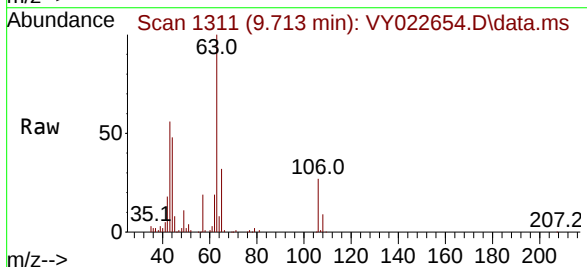
Acq: 11 Jun 2025 11:01

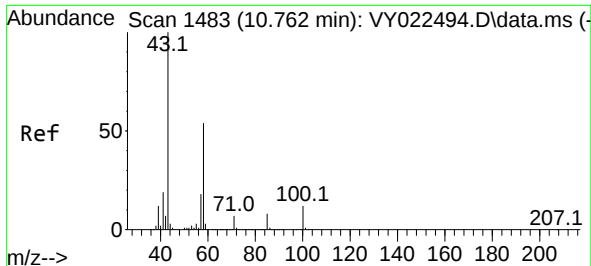
Tgt Ion: 63 Resp: 81714

Ion Ratio Lower Upper

63 100

106 26.3 21.6 32.4

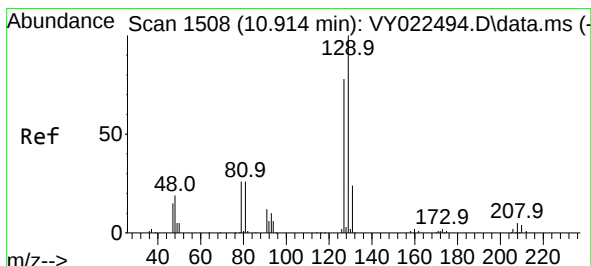
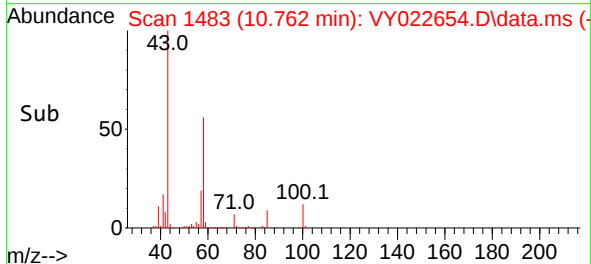
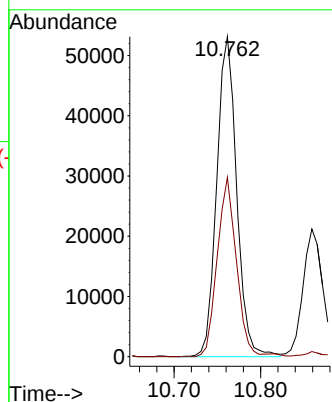
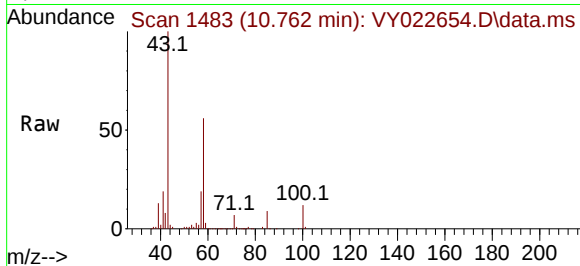




#59
2-Hexanone
Concen: 103.855 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

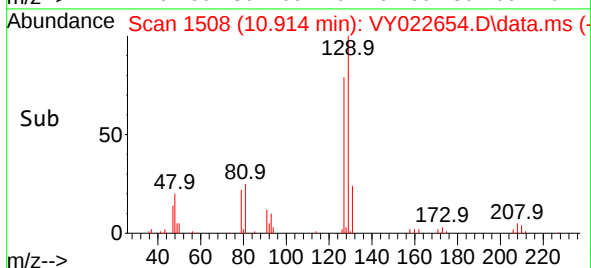
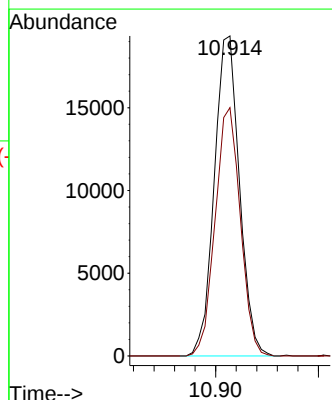
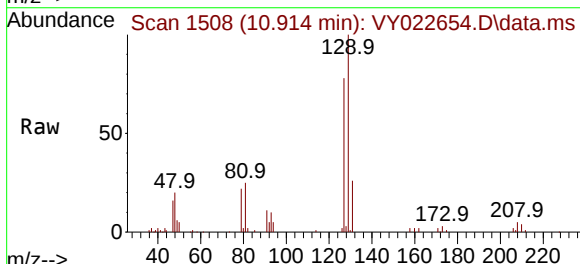
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

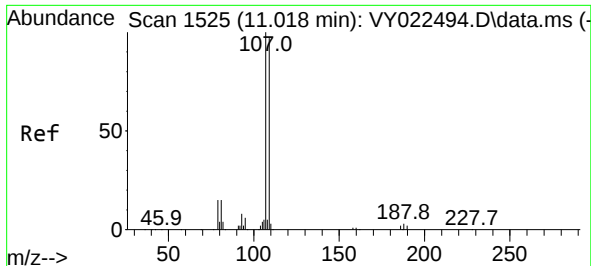
Tgt Ion: 43 Resp: 85059
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 129 Resp: 32871
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

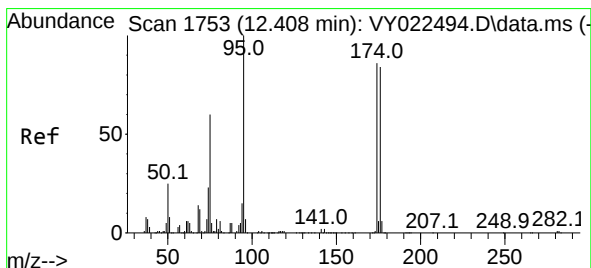
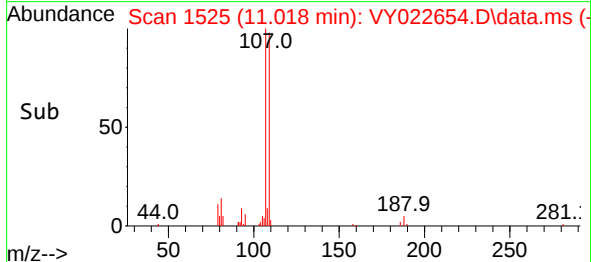
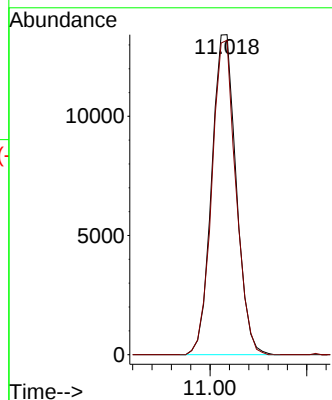
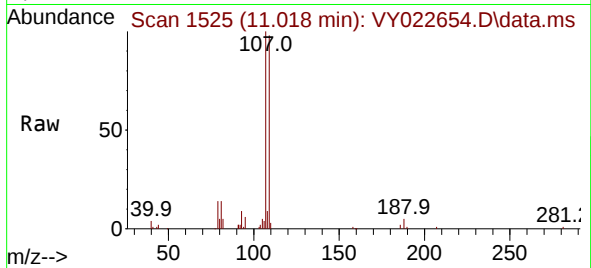




#61
1,2-Dibromoethane
Concen: 20.266 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

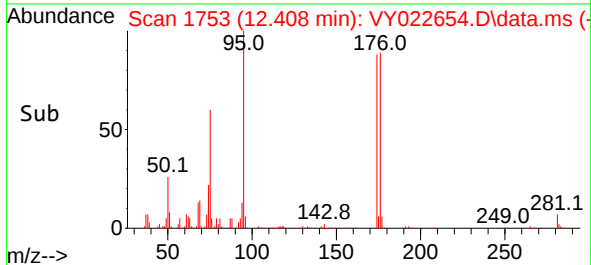
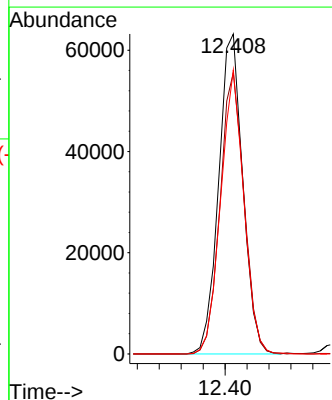
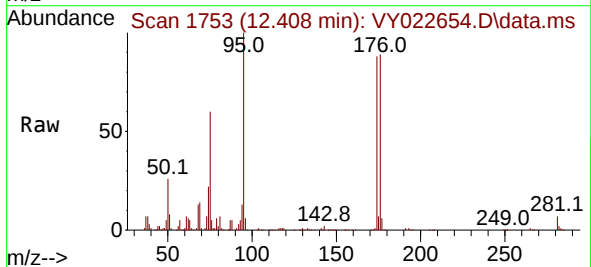
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

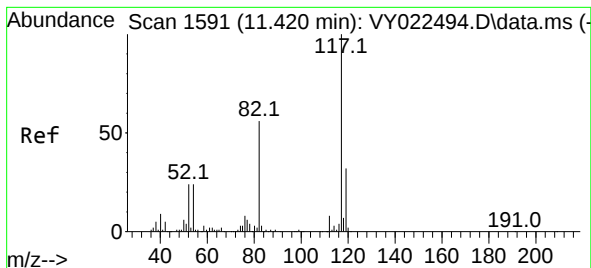
Tgt Ion:107 Resp: 23589
Ion Ratio Lower Upper
107 100
109 96.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 95 Resp: 96721
Ion Ratio Lower Upper
95 100
174 87.0 0.0 170.0
176 85.0 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: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

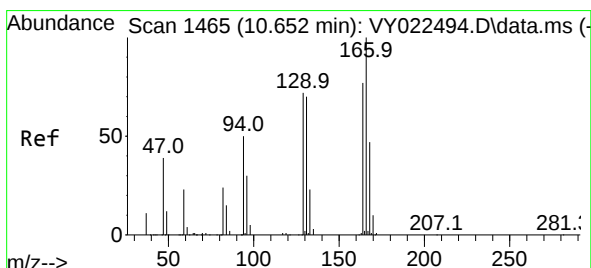
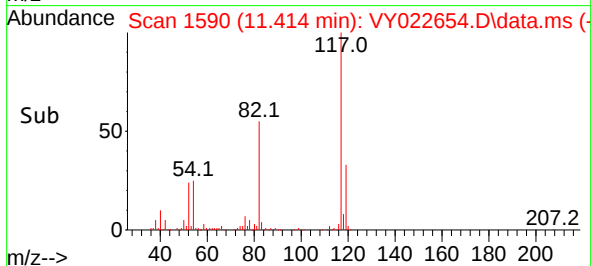
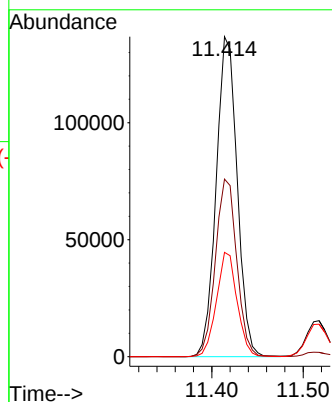
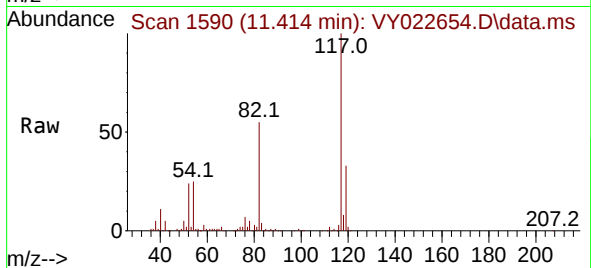
Tgt Ion:117 Resp: 218934

Ion Ratio Lower Upper

117 100

82 55.5 44.6 66.8

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 24.806 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Tgt Ion:164 Resp: 46718

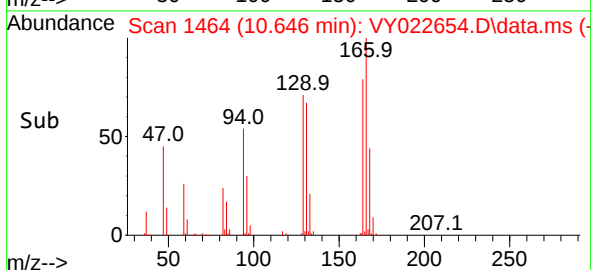
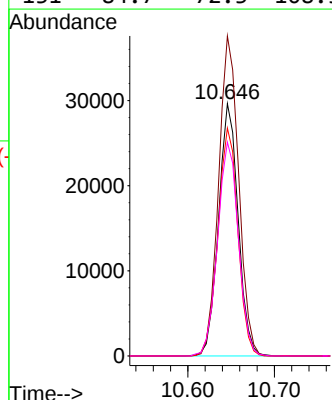
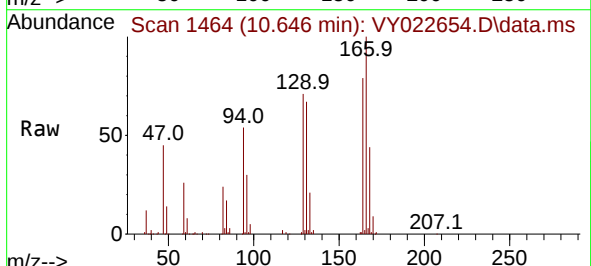
Ion Ratio Lower Upper

164 100

166 126.8 104.0 156.0

129 90.3 74.5 111.7

131 84.7 72.3 108.5

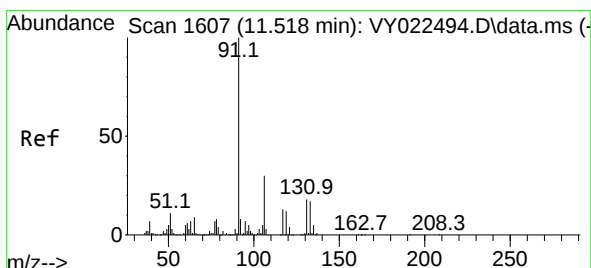
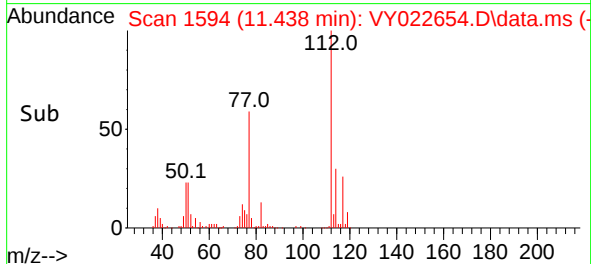
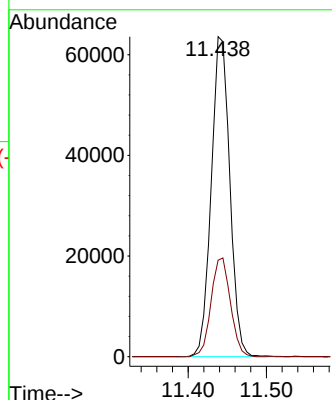
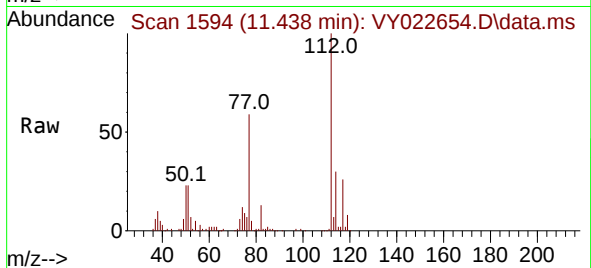




#65
Chlorobenzene
Concen: 21.604 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

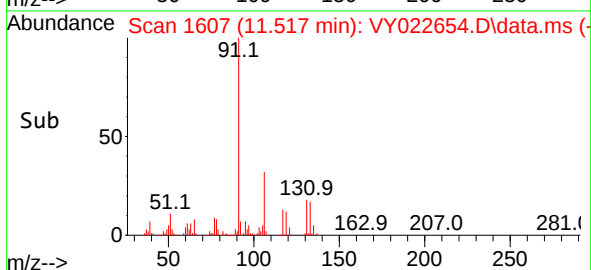
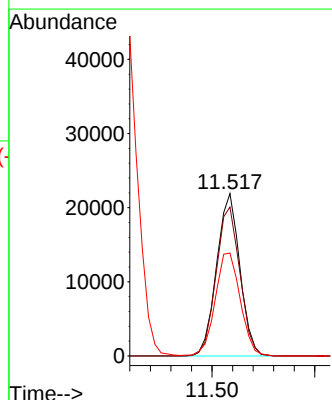
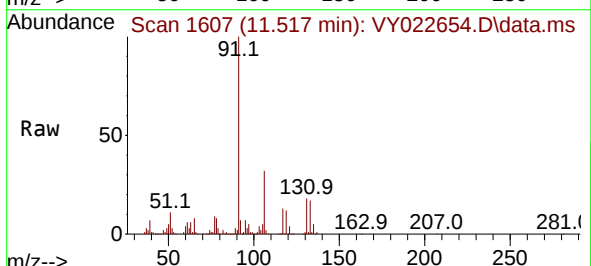
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

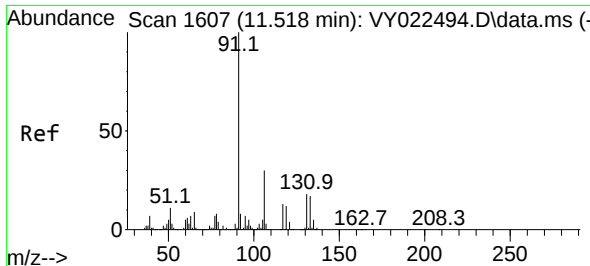
Tgt Ion:112 Resp: 104666
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:131 Resp: 34342
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 68.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.670 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

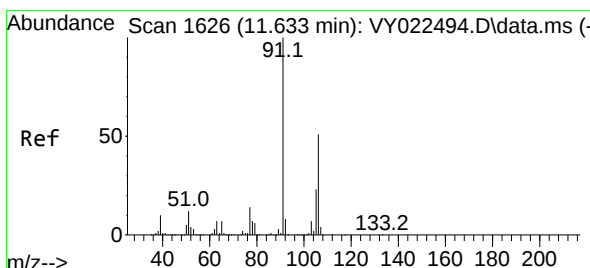
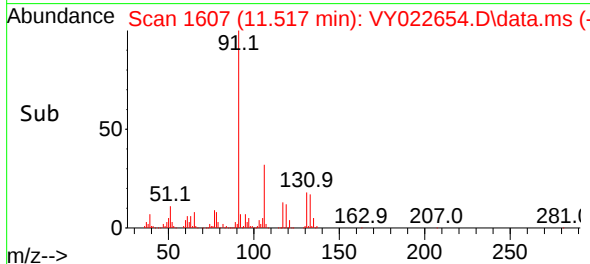
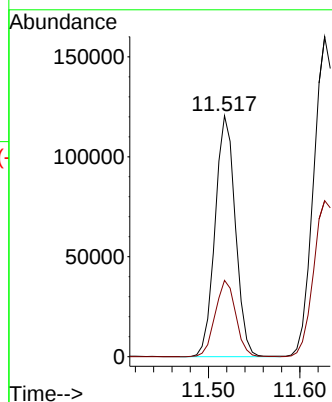
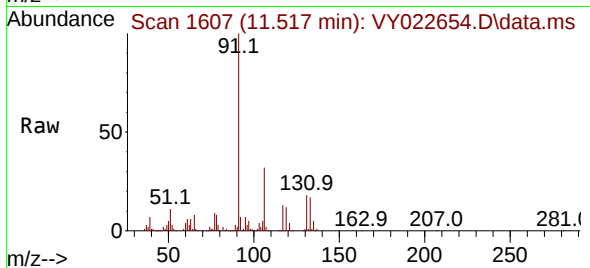
VY0611SBS01

Tgt Ion: 91 Resp: 185737

Ion Ratio Lower Upper

91 100

106 31.7 24.2 36.4



#68

m/p-Xylenes

Concen: 42.072 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022654.D

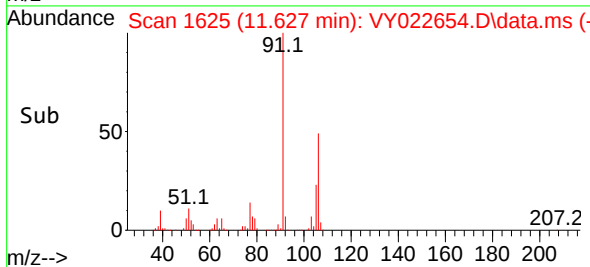
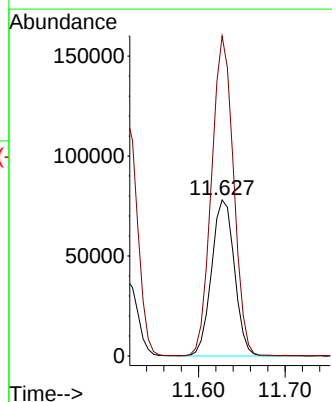
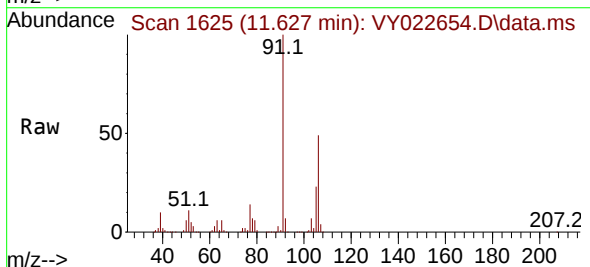
Acq: 11 Jun 2025 11:01

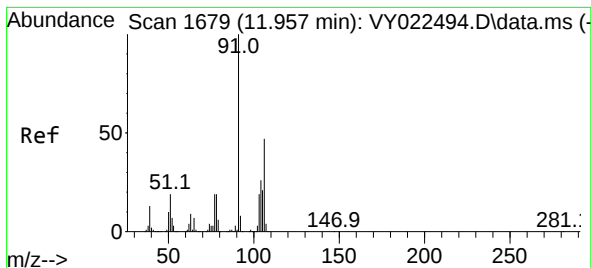
Tgt Ion:106 Resp: 143316

Ion Ratio Lower Upper

106 100

91 196.9 159.4 239.0

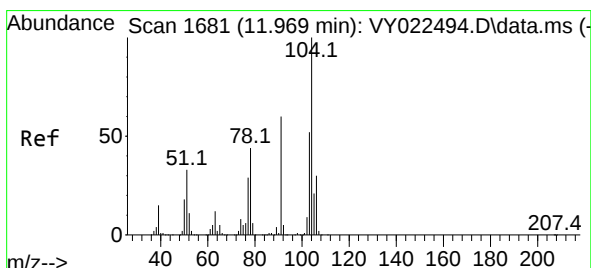
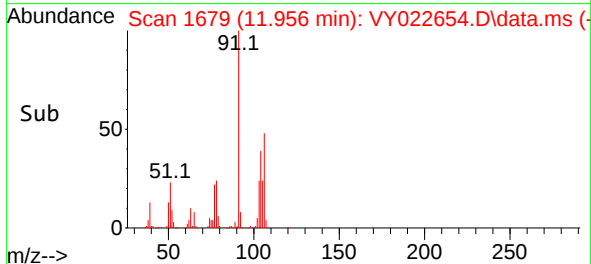
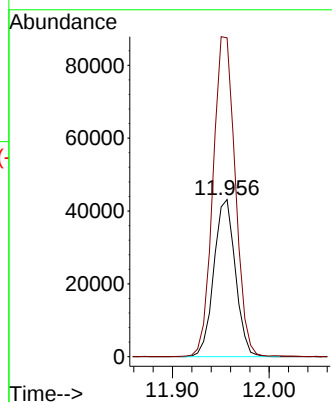
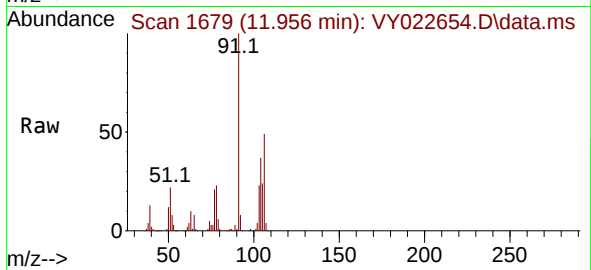




#69
o-Xylene
Concen: 20.891 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

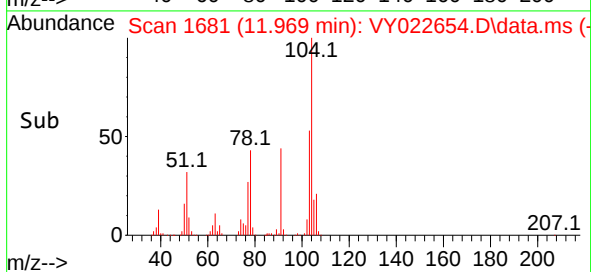
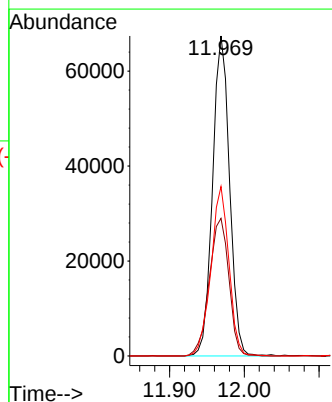
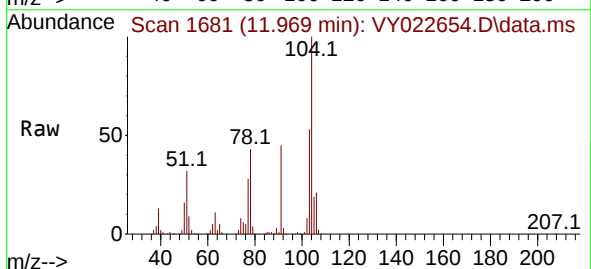
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion:106 Resp: 66721
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 20.241 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:104 Resp: 106861
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 55.8 44.1 66.1





#71

Bromoform

Concen: 19.160 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

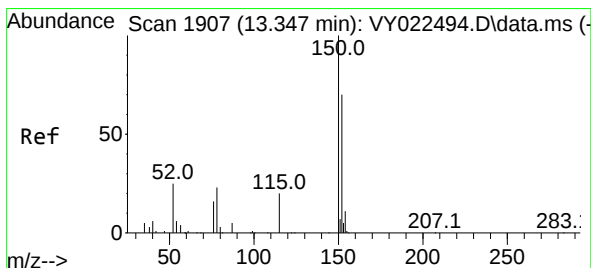
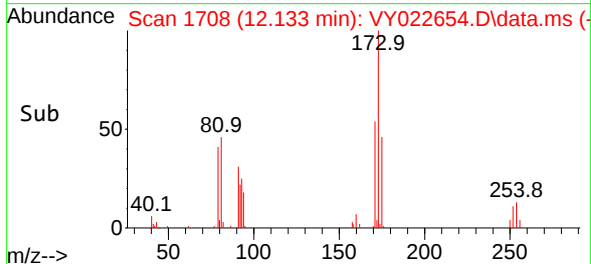
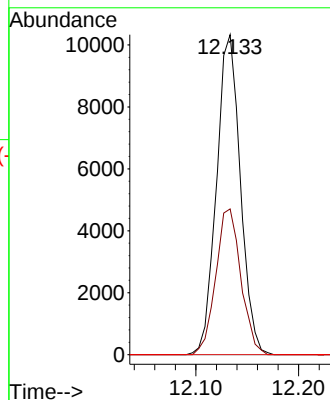
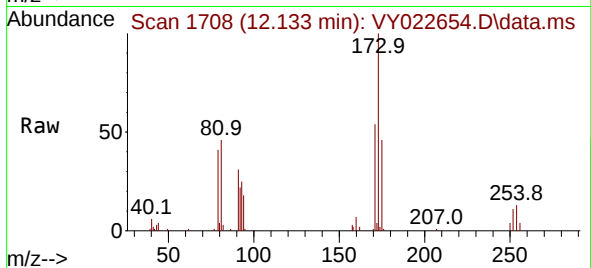
Tgt Ion:173 Resp: 16640

Ion Ratio Lower Upper

173 100

175 47.9 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: VY022654.D

Acq: 11 Jun 2025 11:01

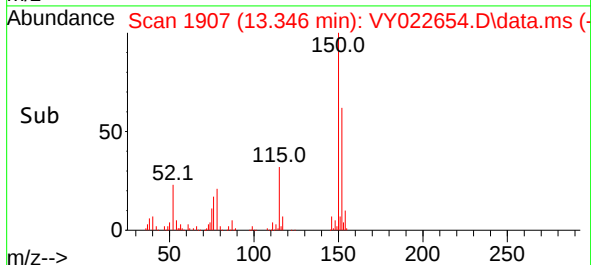
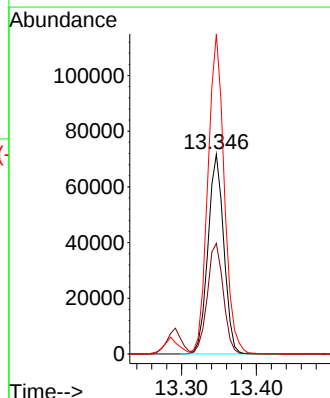
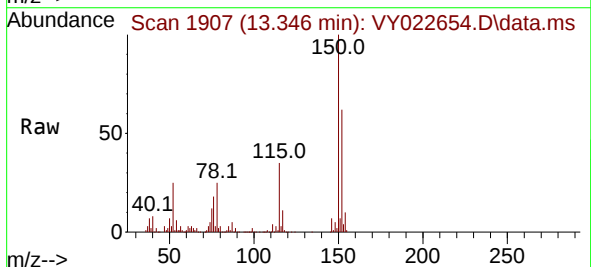
Tgt Ion:152 Resp: 105447

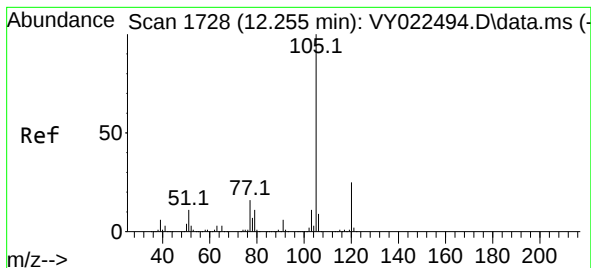
Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

150 165.5 0.0 349.6





#73

Isopropylbenzene

Concen: 20.133 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

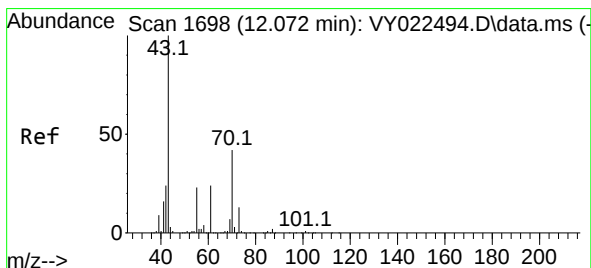
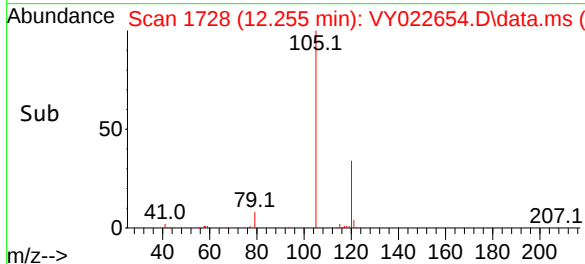
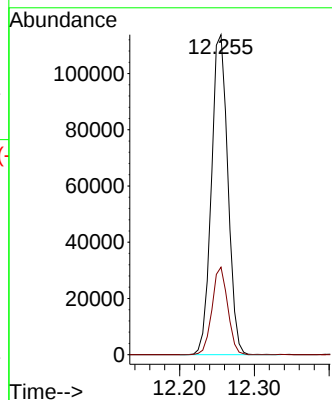
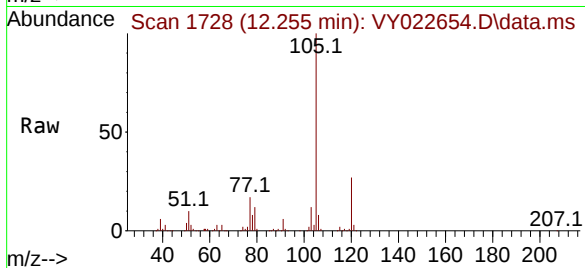
VY0611SBS01

Tgt Ion:105 Resp: 174297

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 17.646 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Tgt Ion: 43 Resp: 38545

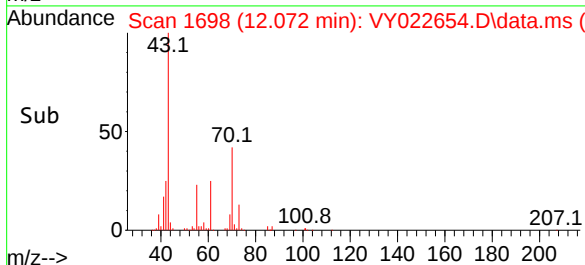
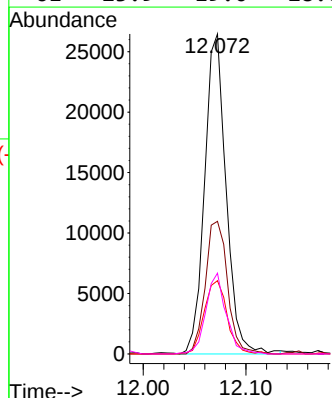
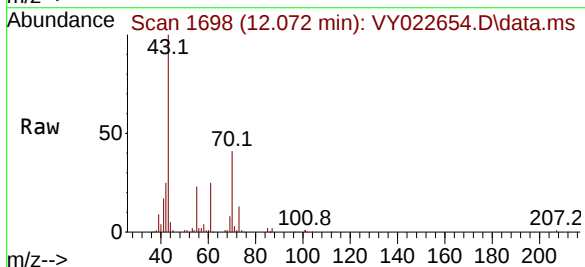
Ion Ratio Lower Upper

43 100

70 42.9 34.2 51.2

55 24.5 18.2 27.4

61 23.9 19.0 28.6

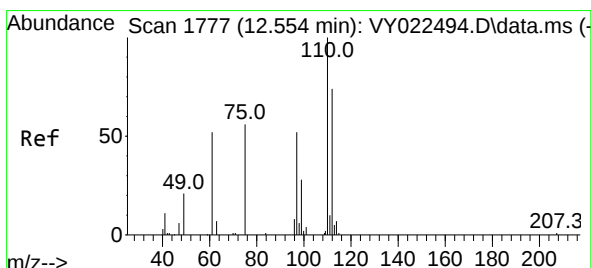
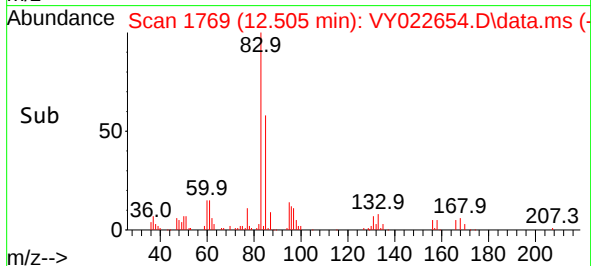
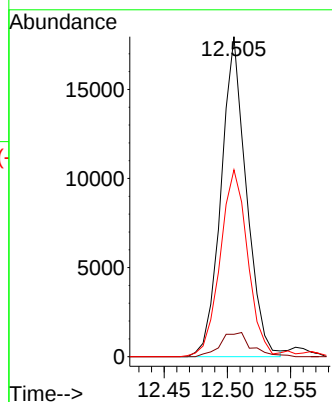
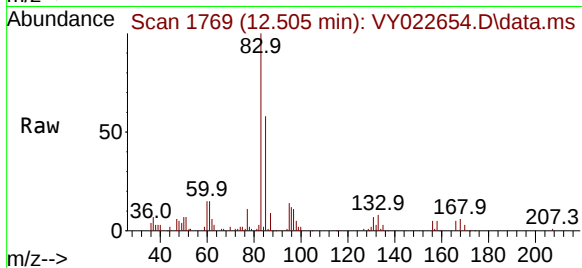




#75
 1,1,2-Tetrachloroethane
 Concen: 17.597 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

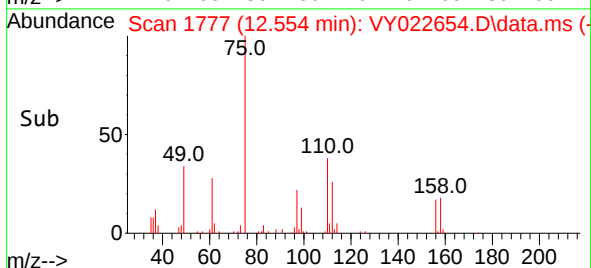
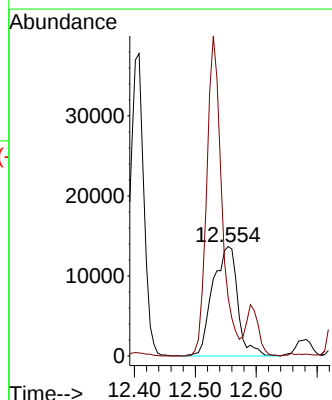
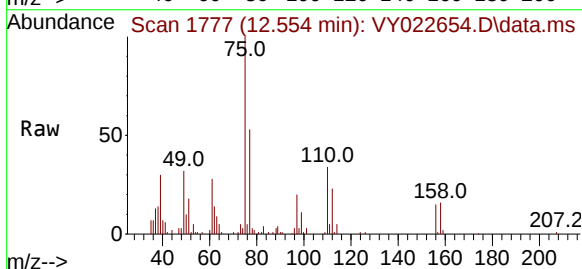
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

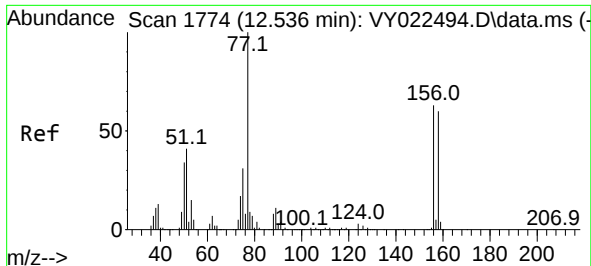
Tgt Ion: 83 Resp: 25003
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.7
 85 63.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 32.277 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

Tgt Ion: 75 Resp: 38937
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

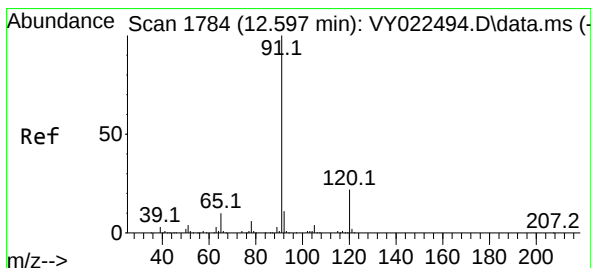
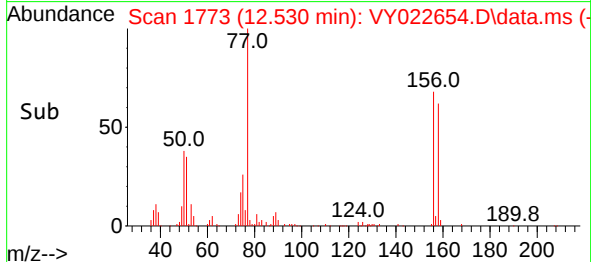
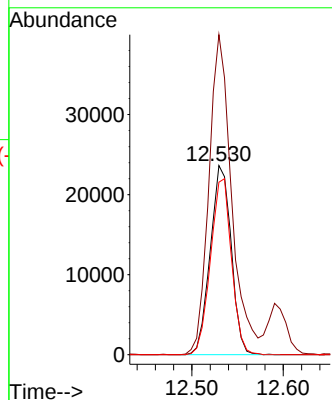
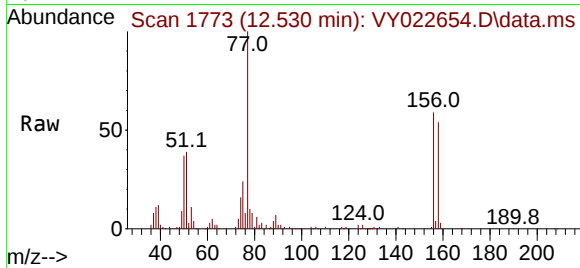




#77
Bromobenzene
Concen: 20.583 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

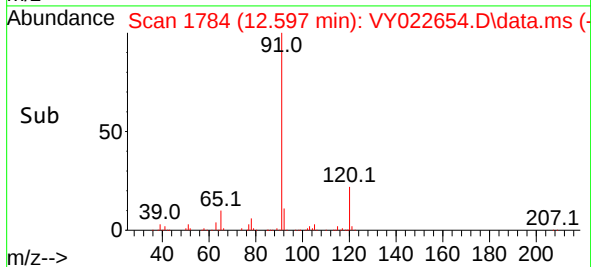
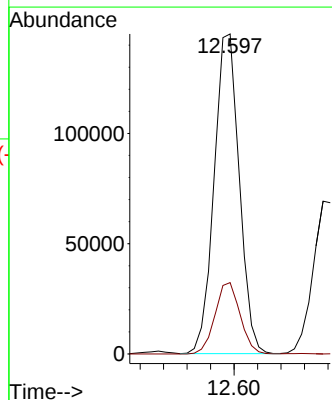
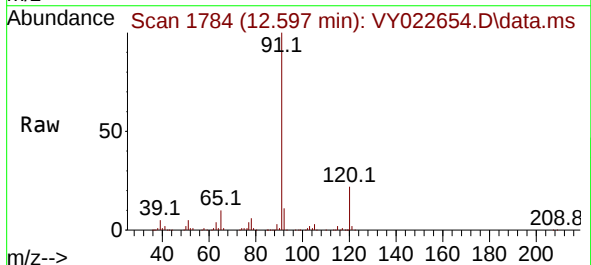
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

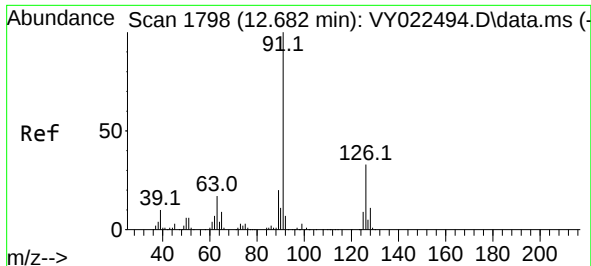
Tgt Ion:156 Resp: 37602
Ion Ratio Lower Upper
156 100
77 183.3 94.0 282.1
158 93.2 48.2 144.6



#78
n-propylbenzene
Concen: 20.369 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 215383
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

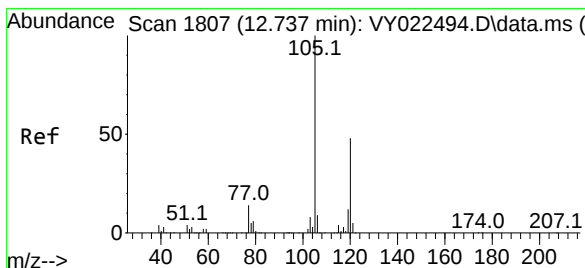
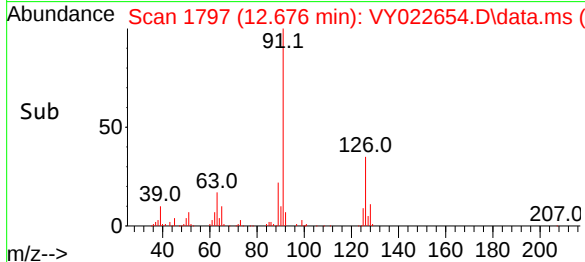
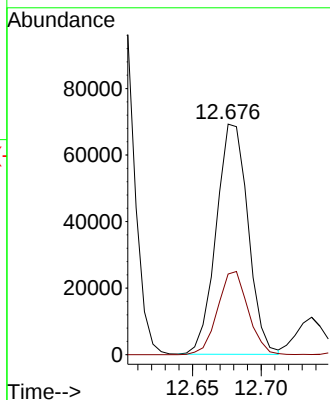
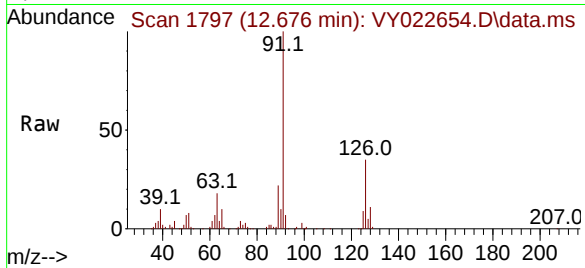




#79
2-Chlorotoluene
Concen: 20.007 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

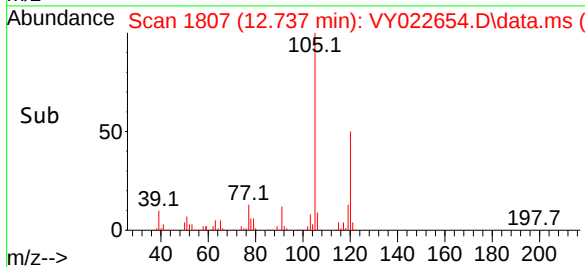
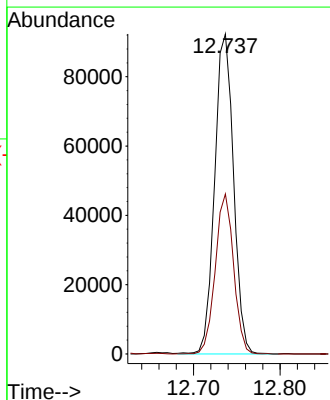
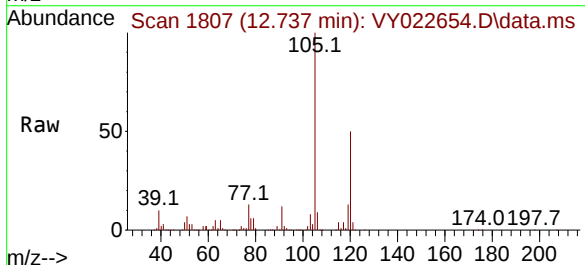
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

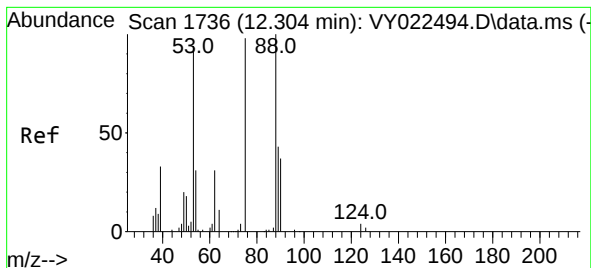
Tgt Ion: 91 Resp: 112124
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion:105 Resp: 139655
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.4

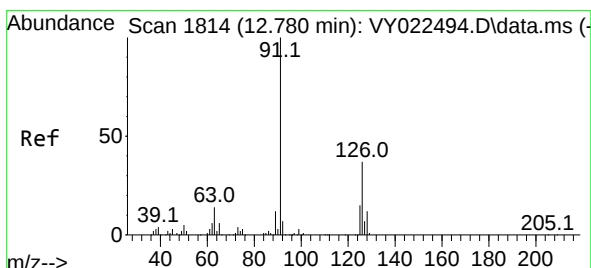
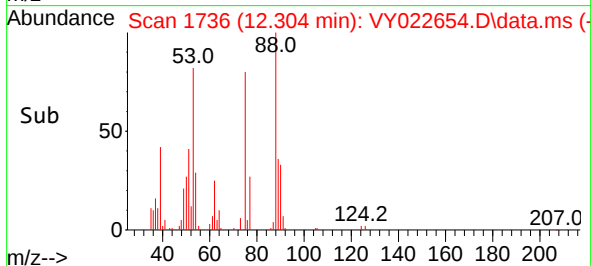
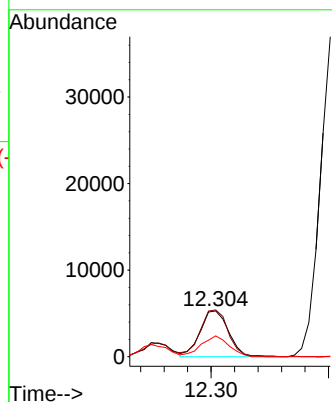
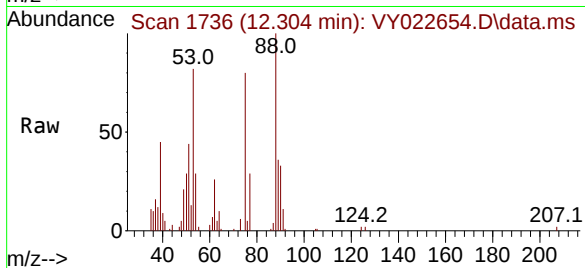




#81
trans-1,4-Dichloro-2-butene
Concen: 17.758 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

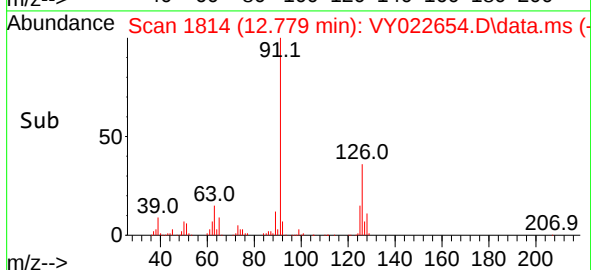
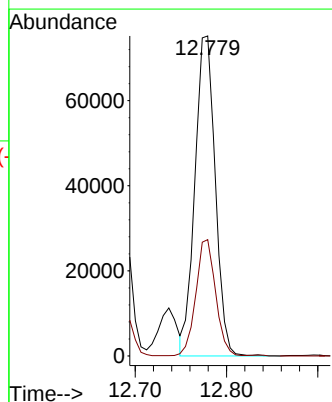
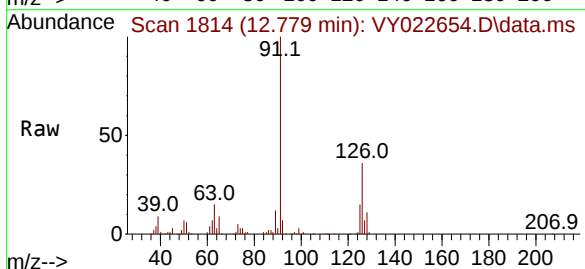
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

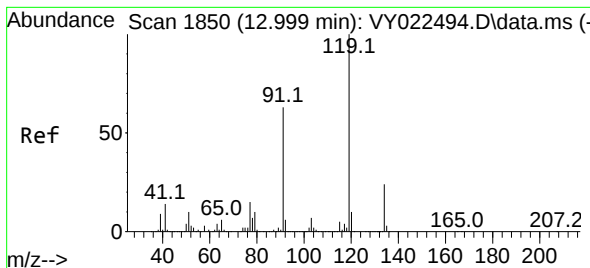
Tgt Ion: 75 Resp: 8871
Ion Ratio Lower Upper
75 100
53 100.1 78.5 117.7
89 43.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 91 Resp: 116584
Ion Ratio Lower Upper
91 100
126 35.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.490 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

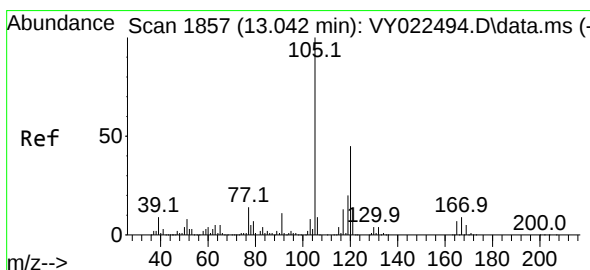
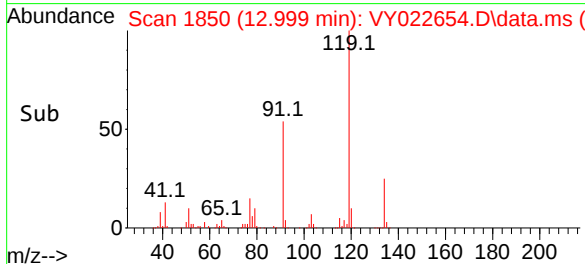
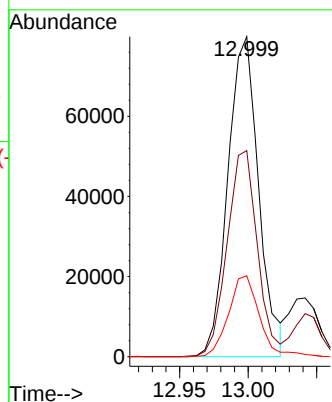
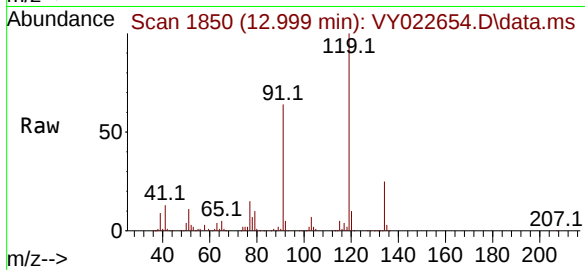
Tgt Ion:119 Resp: 124991

Ion Ratio Lower Upper

119 100

91 63.4 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.248 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022654.D

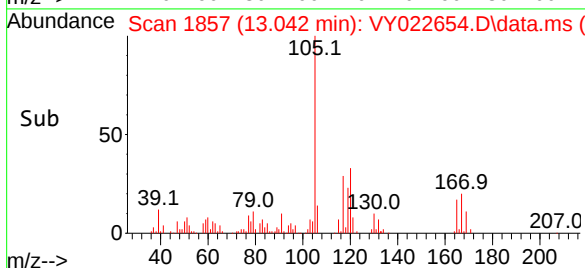
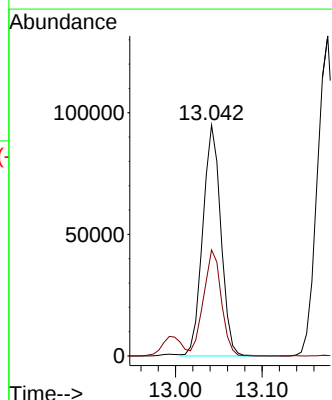
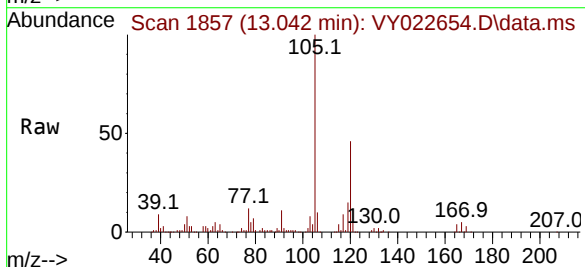
Acq: 11 Jun 2025 11:01

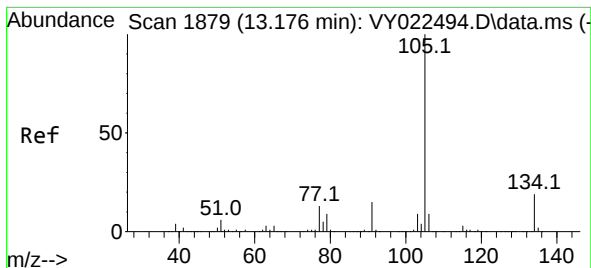
Tgt Ion:105 Resp: 137643

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.630 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

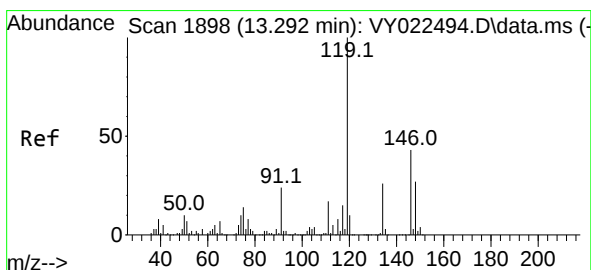
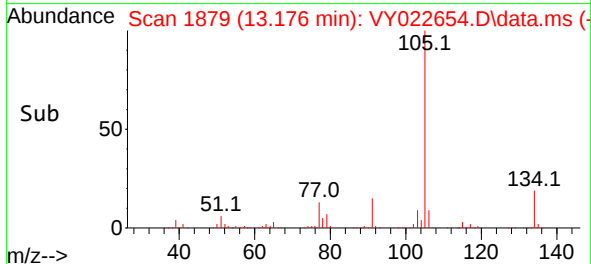
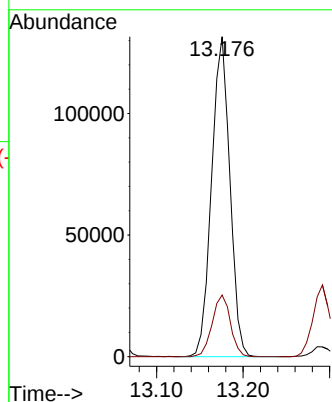
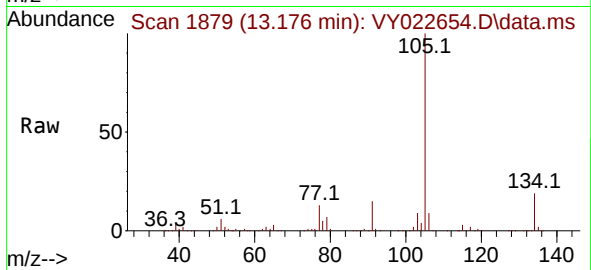
VY0611SBS01

Tgt Ion:105 Resp: 192733

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.196 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

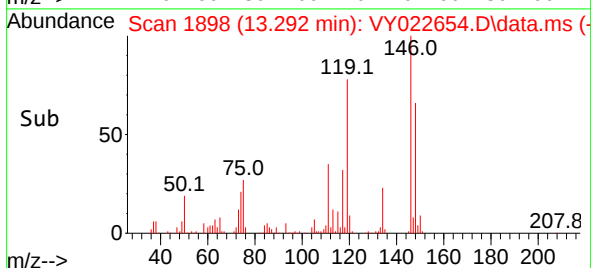
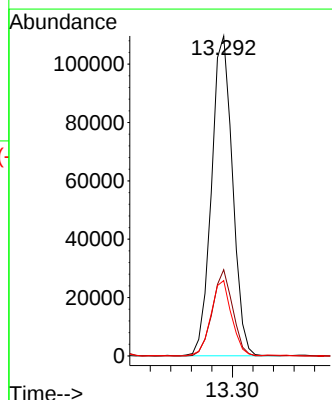
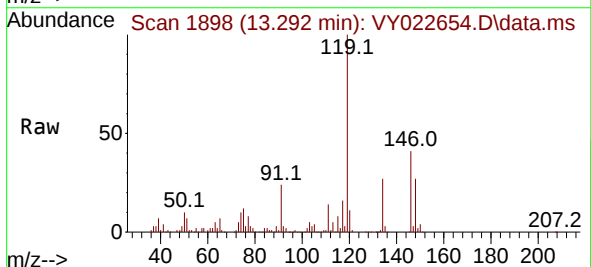
Tgt Ion:119 Resp: 155523

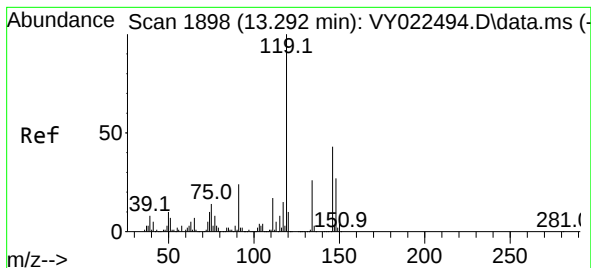
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.448 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

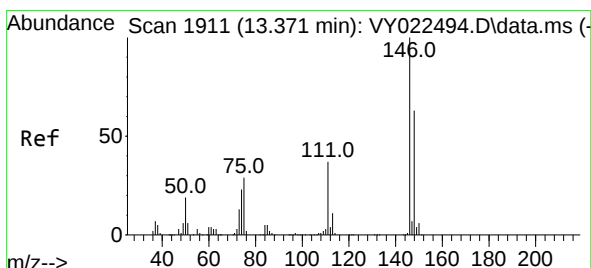
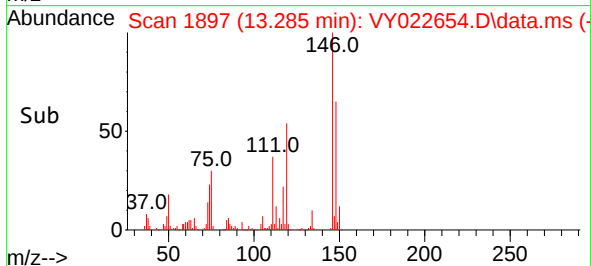
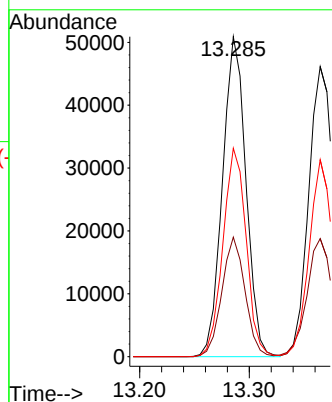
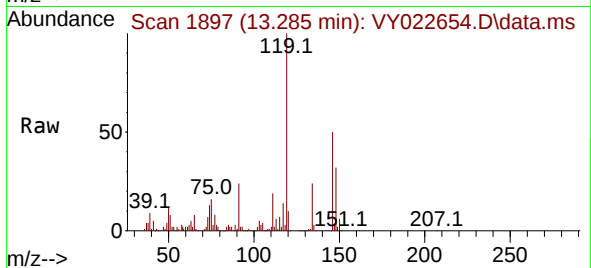
Tgt Ion:146 Resp: 75686

Ion Ratio Lower Upper

146 100

111 36.9 20.1 60.2

148 64.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.409 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

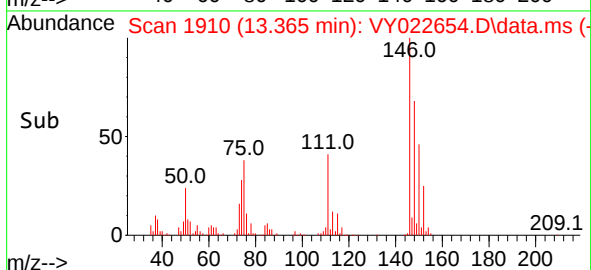
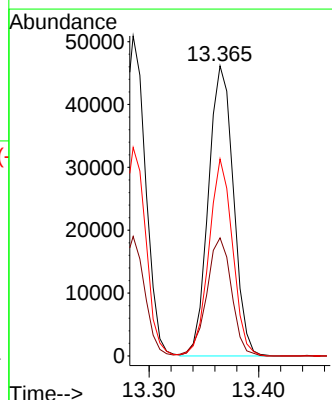
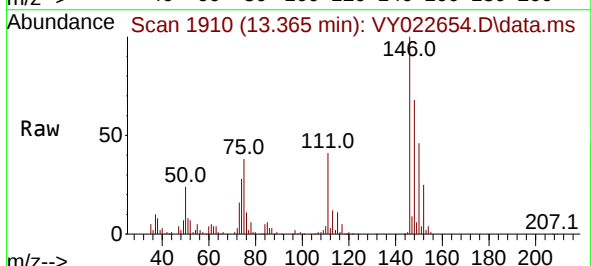
Tgt Ion:146 Resp: 73268

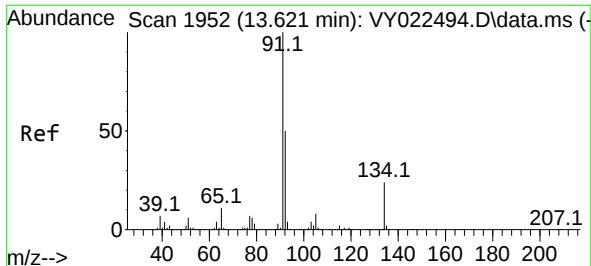
Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.2

148 64.3 31.6 94.8

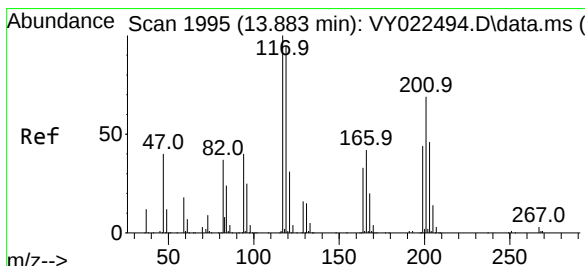
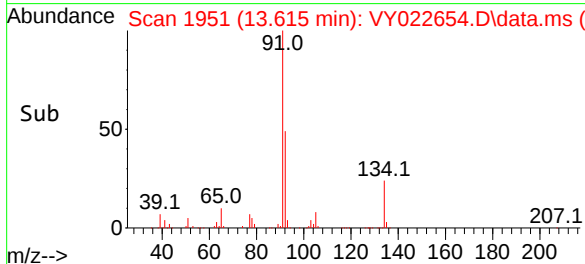
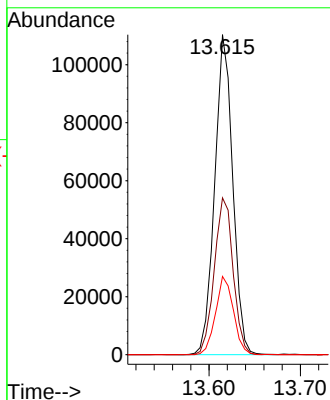
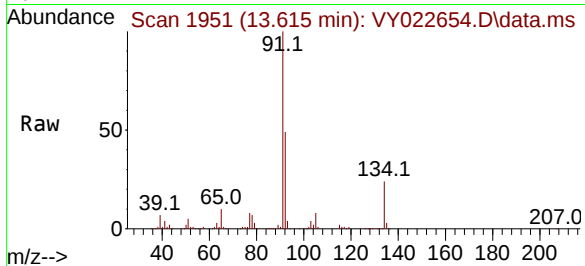




#89
n-Butylbenzene
Concen: 20.720 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

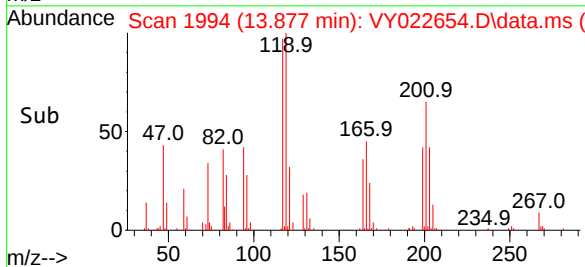
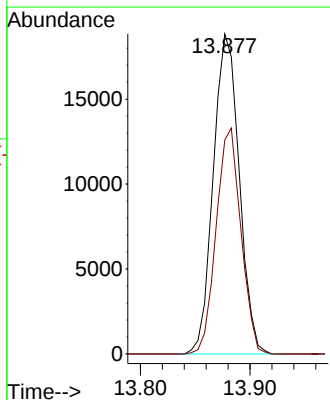
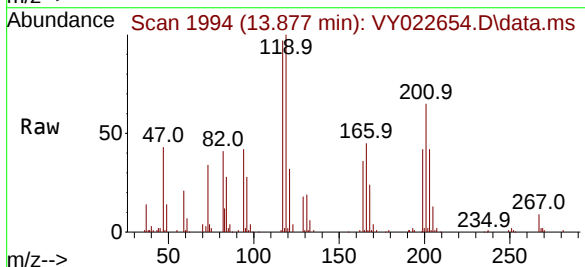
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBS01

Tgt Ion: 91 Resp: 151386
Ion Ratio Lower Upper
91 100
92 51.2 25.9 77.8
134 24.3 12.0 36.1



#90
Hexachloroethane
Concen: 20.674 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022654.D
Acq: 11 Jun 2025 11:01

Tgt Ion: 117 Resp: 30995
Ion Ratio Lower Upper
117 100
201 67.3 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.327 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

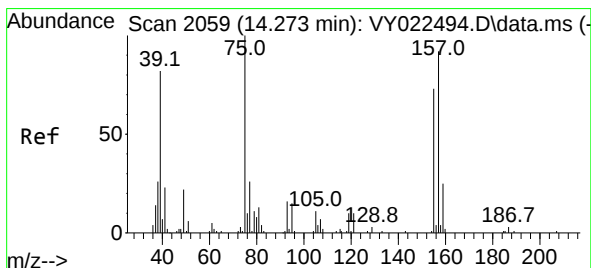
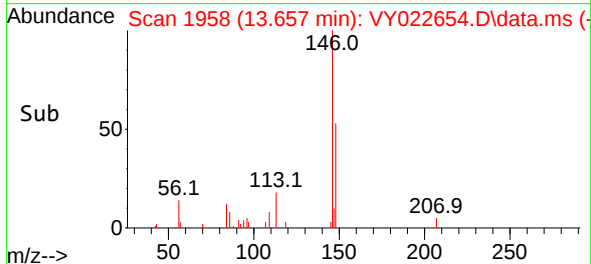
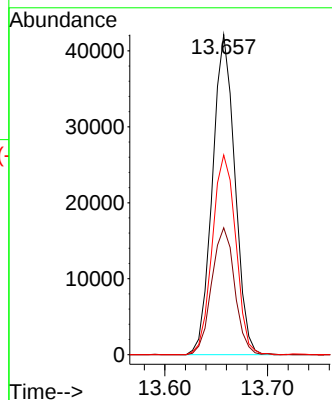
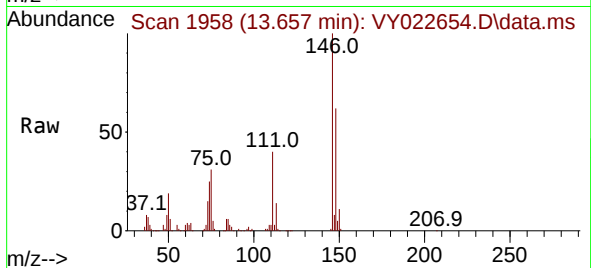
Tgt Ion:146 Resp: 63879

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 65.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.311 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

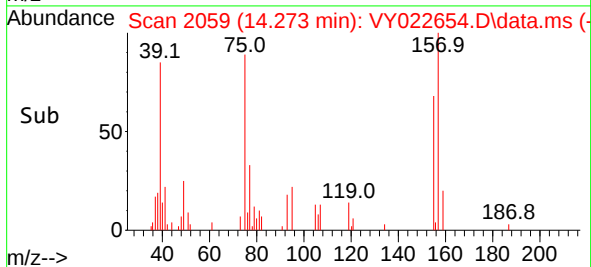
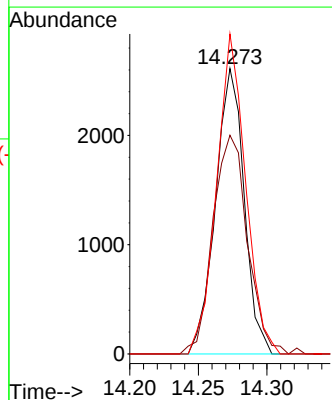
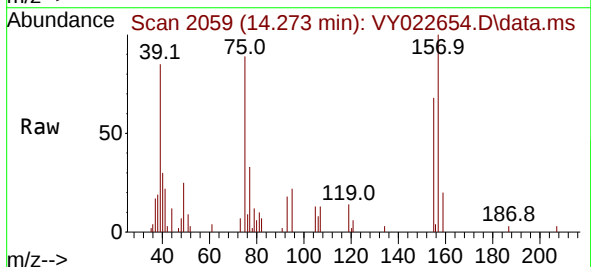
Tgt Ion: 75 Resp: 3788

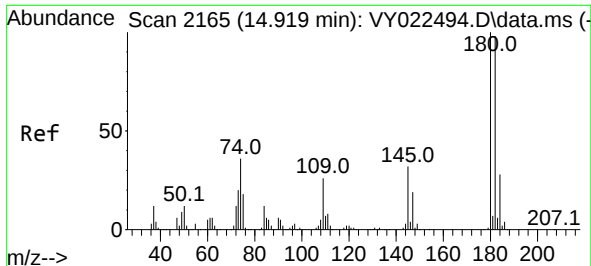
Ion Ratio Lower Upper

75 100

155 92.9 39.9 119.6

157 113.7 54.0 162.0

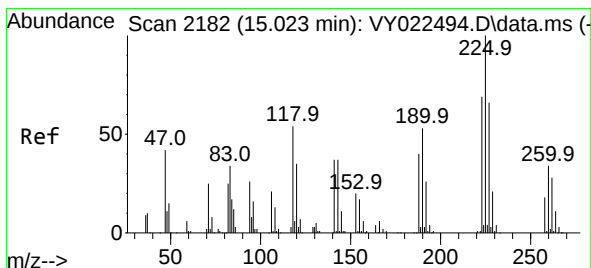
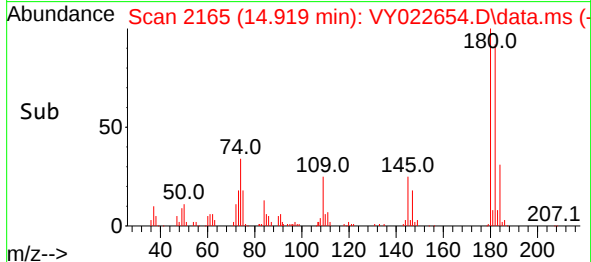
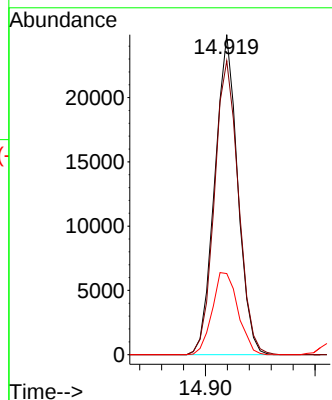
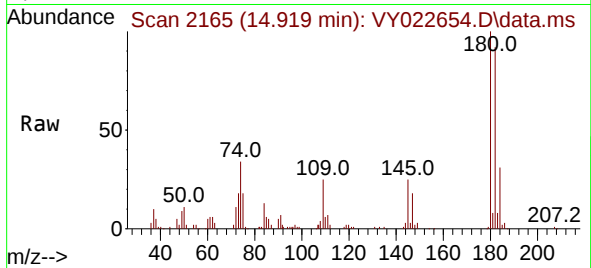




#93
 1,2,4-Trichlorobenzene
 Concen: 21.098 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

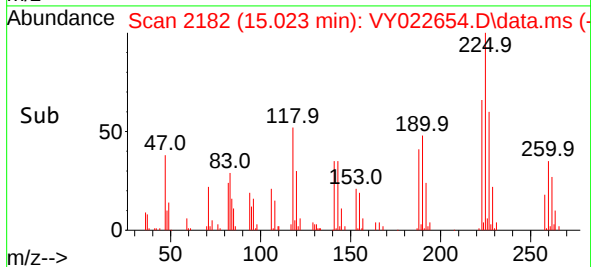
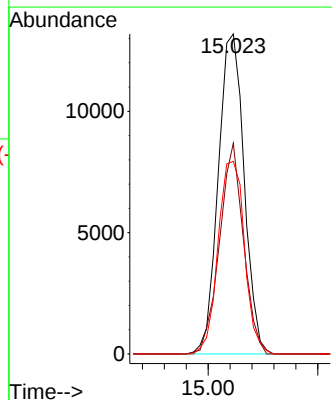
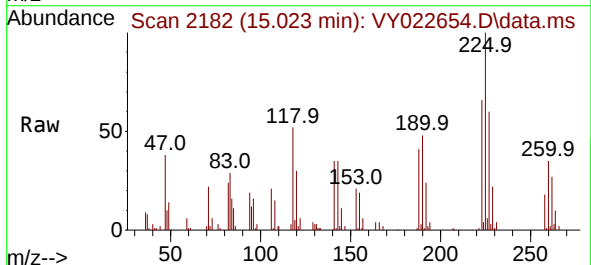
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

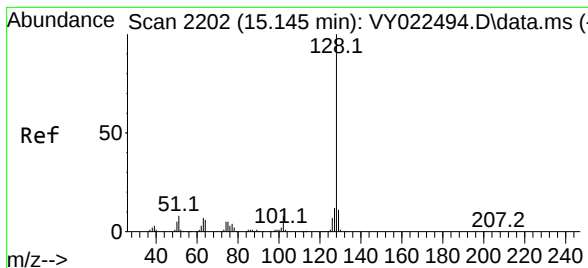
Tgt Ion:180 Resp: 36161
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.3
 145 28.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 22.834 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022654.D
 Acq: 11 Jun 2025 11:01

Tgt Ion:225 Resp: 21601
 Ion Ratio Lower Upper
 225 100
 223 60.8 32.5 97.4
 227 61.5 32.3 96.9





#95

Naphthalene

Concen: 18.852 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBS01

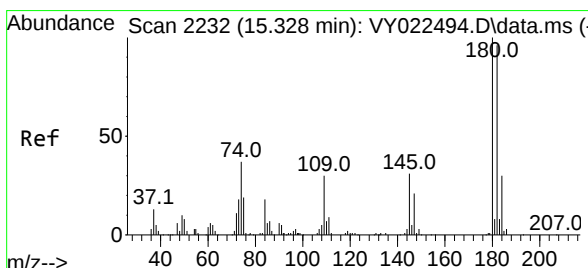
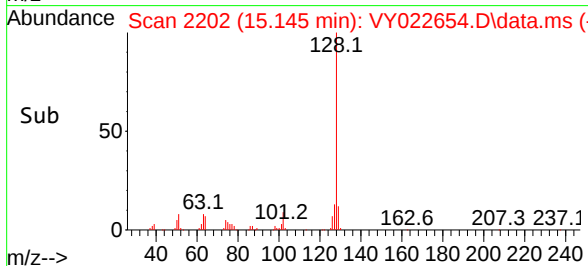
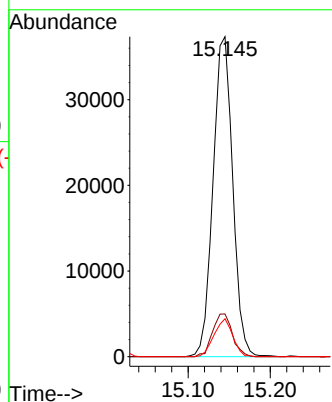
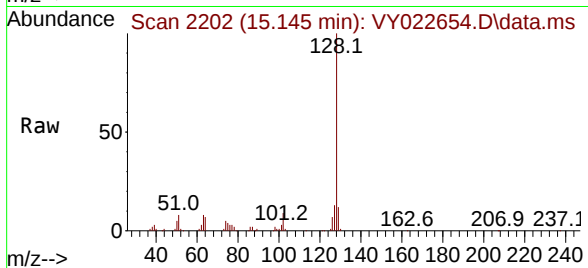
Tgt Ion:128 Resp: 62008

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.038 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022654.D

Acq: 11 Jun 2025 11:01

Tgt Ion:180 Resp: 30902

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.3

145 29.6 15.2 45.6

