

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023054.D
 Acq On : 12 Aug 2025 16:25
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 01:54:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 01:46:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	558266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	880463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	784385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	404136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	527356	99.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 198.220%#	
35) Dibromofluoromethane	7.628	113	540106	102.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 205.040%#	
50) Toluene-d8	10.103	98	2116445	102.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 205.660%#	
62) 4-Bromofluorobenzene	12.402	95	702583	106.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 212.300%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	376261	82.570	ug/l	98
3) Chloromethane	2.068	50	673475	91.248	ug/l	99
4) Vinyl Chloride	2.202	62	841648	92.250	ug/l	98
5) Bromomethane	2.586	94	643103	94.384	ug/l	100
6) Chloroethane	2.727	64	567515	93.563	ug/l	99
7) Trichlorofluoromethane	3.050	101	1005284	90.617	ug/l	99
8) Diethyl Ether	3.452	74	273400	93.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	497408	90.882	ug/l	99
10) Methyl Iodide	4.001	142	629775	106.635	ug/l	99
11) Tert butyl alcohol	4.866	59	162373	445.387	ug/l	99
12) 1,1-Dichloroethene	3.787	96	506919	94.229	ug/l	95
13) Acrolein	3.647	56	240580	450.599	ug/l	100
14) Allyl chloride	4.379	41	759925	96.000	ug/l	99
15) Acrylonitrile	5.049	53	555815	465.802	ug/l	99
16) Acetone	3.867	43	522178	453.007	ug/l	97
17) Carbon Disulfide	4.098	76	1622451	92.494	ug/l	100
18) Methyl Acetate	4.379	43	312127	90.993	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1342237	96.284	ug/l	100
20) Methylene Chloride	4.610	84	570465	97.847	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	580972	96.098	ug/l	99
22) Diisopropyl ether	6.019	45	1686285	98.033	ug/l	99
23) Vinyl Acetate	5.958	43	4632278	487.023	ug/l	100
24) 1,1-Dichloroethane	5.909	63	1012815	96.306	ug/l	100
25) 2-Butanone	6.890	43	722555	460.899	ug/l	97
26) 2,2-Dichloropropane	6.878	77	866598	95.497	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	681242	97.472	ug/l	100
28) Bromochloromethane	7.244	49	409677	98.188	ug/l	100
29) Tetrahydrofuran	7.256	42	451254	464.370	ug/l	100
30) Chloroform	7.415	83	1045381	96.383	ug/l	96
31) Cyclohexane	7.695	56	884707	89.271	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	929858	96.620	ug/l	99
36) 1,1-Dichloropropene	7.829	75	755114	96.443	ug/l	99
37) Ethyl Acetate	6.982	43	313447	95.302	ug/l	99
38) Carbon Tetrachloride	7.811	117	819941	96.419	ug/l	98
39) Methylcyclohexane	9.103	83	1011944	98.146	ug/l	99
40) Benzene	8.073	78	2348617	97.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	180468	94.973	ug/l	98
42) 1,2-Dichloroethane	8.152	62	597215	95.155	ug/l	100
43) Isopropyl Acetate	8.195	43	636710	95.780	ug/l	99
44) Trichloroethene	8.860	130	602322	96.584	ug/l	97
45) 1,2-Dichloropropane	9.140	63	543589	97.899	ug/l	99
46) Dibromomethane	9.225	93	309302	97.052	ug/l	99
47) Bromodichloromethane	9.420	83	802532	97.864	ug/l	98
48) Methyl methacrylate	9.219	41	319906	100.567	ug/l	99
49) 1,4-Dioxane	9.225	88	71300	1908.039	ug/l	94
51) 4-Methyl-2-Pentanone	9.994	43	1669668	486.924	ug/l	100
52) Toluene	10.164	92	1537088	100.288	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	754278	101.574	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	880571	100.281	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	415556	97.446	ug/l	99
56) Ethyl methacrylate	10.432	69	569556	104.375	ug/l	100
57) 1,3-Dichloropropane	10.713	76	696130	96.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	1389847	539.957	ug/l	99
59) 2-Hexanone	10.756	43	1151000	492.950	ug/l	100
60) Dibromochloromethane	10.902	129	557205	99.024	ug/l	99
61) 1,2-Dibromoethane	11.012	107	391650	97.713	ug/l	98
64) Tetrachloroethene	10.640	164	615871	87.931	ug/l	98
65) Chlorobenzene	11.438	112	1658154	98.004	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	573131	99.810	ug/l	99
67) Ethyl Benzene	11.512	91	2914020	100.082	ug/l	98
68) m/p-Xylenes	11.621	106	2312597	203.363	ug/l	98
69) o-Xylene	11.950	106	1100998	103.373	ug/l	99
70) Styrene	11.963	104	1845480	105.953	ug/l	99
71) Bromoform	12.127	173	334886	99.786	ug/l #	99
73) Isopropylbenzene	12.249	105	2839999	99.567	ug/l	99
74) N-amyl acetate	12.066	43	610668	100.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	469810	96.464	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	610364	156.388	ug/l #	100
77) Bromobenzene	12.524	156	671329	98.655	ug/l	98
78) n-propylbenzene	12.591	91	3360679	98.963	ug/l	99
79) 2-Chlorotoluene	12.670	91	1931460	99.268	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	2321527	100.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	153260	95.118	ug/l	100
82) 4-Chlorotoluene	12.767	91	1988544	98.519	ug/l	100
83) tert-Butylbenzene	12.993	119	2125785	102.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.036	105	2339432	101.946	ug/l	100
85) sec-Butylbenzene	13.170	105	3056373	99.932	ug/l	100
86) p-Isopropyltoluene	13.286	119	2610936	102.846	ug/l	100
87) 1,3-Dichlorobenzene	13.280	146	1338547	99.748	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	1290840	96.970	ug/l	99
89) n-Butylbenzene	13.609	91	2370706	101.675	ug/l	100
90) Hexachloroethane	13.871	117	510900	98.308	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	1162152	98.749	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	69736	91.965	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	692201	99.460	ug/l	98
94) Hexachlorobutadiene	15.017	225	387707	94.803	ug/l	99
95) Naphthalene	15.133	128	1212227	102.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	587990	98.046	ug/l	100

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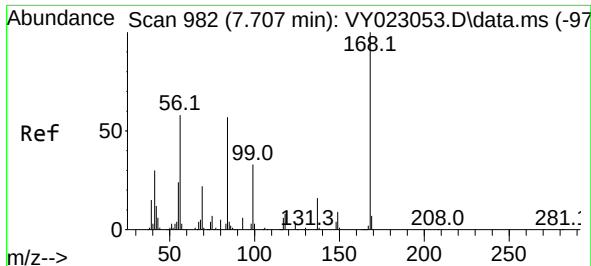
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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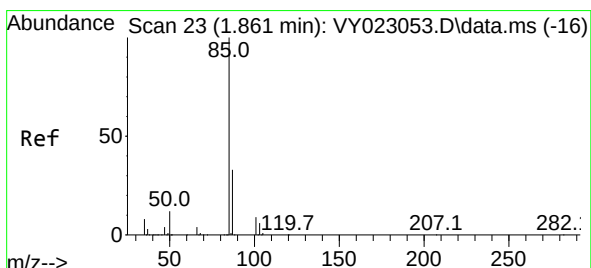
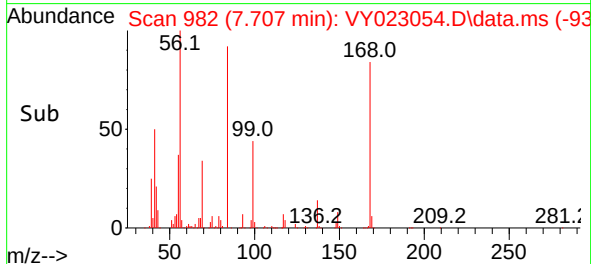
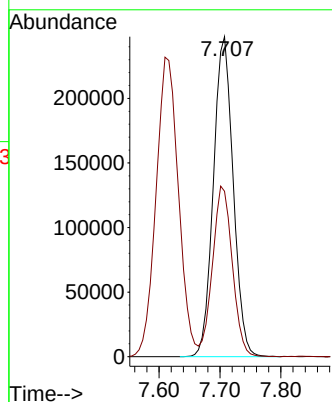
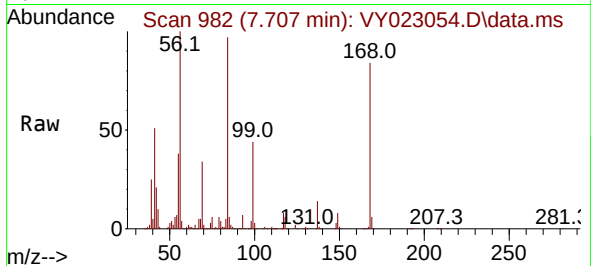




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023054.D
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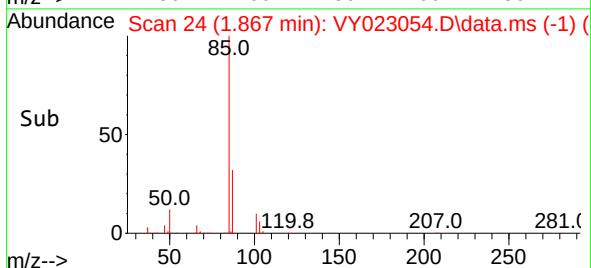
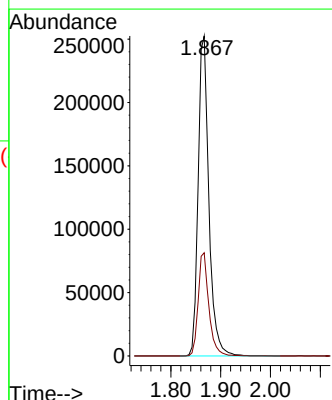
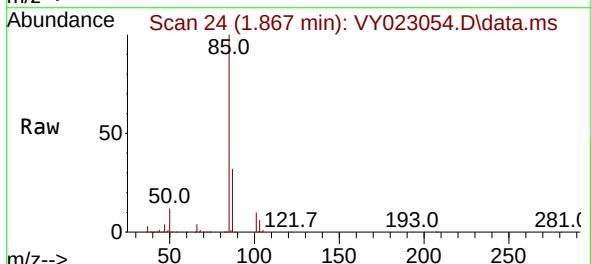
Instrument :
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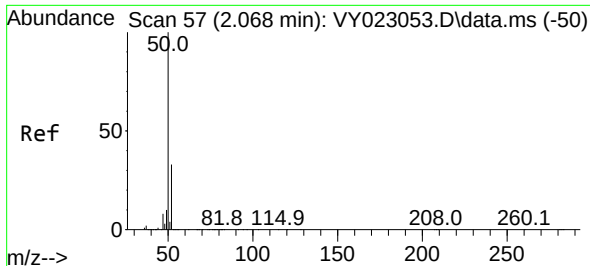
Tgt Ion:168 Resp: 558266
Ion Ratio Lower Upper
168 100
99 51.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 82.570 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 85 Resp: 376261
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

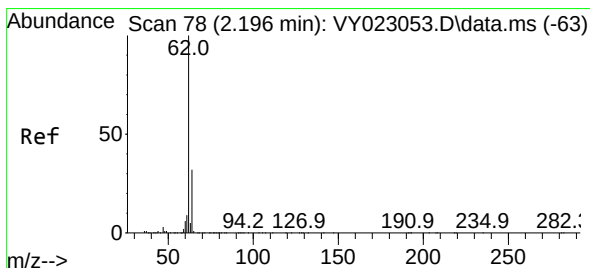
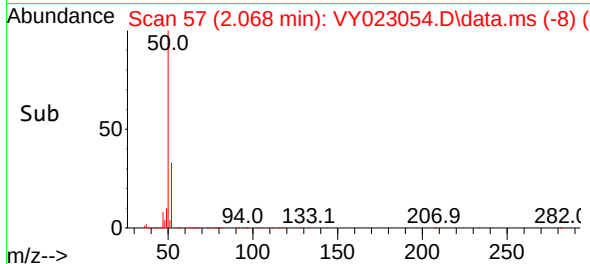
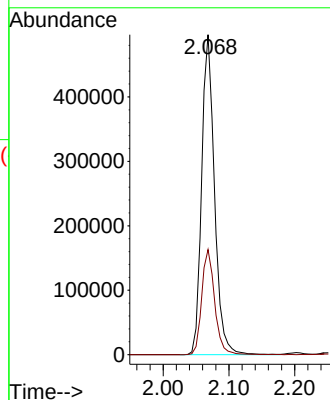
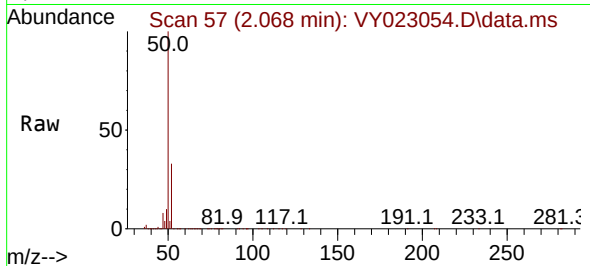




#3
Chloromethane
Concen: 91.248 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

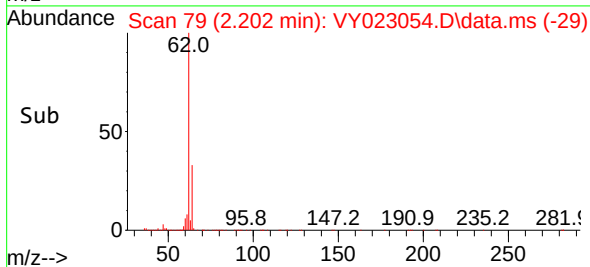
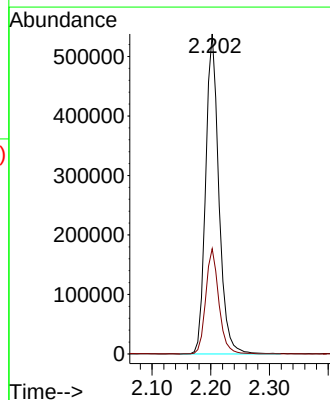
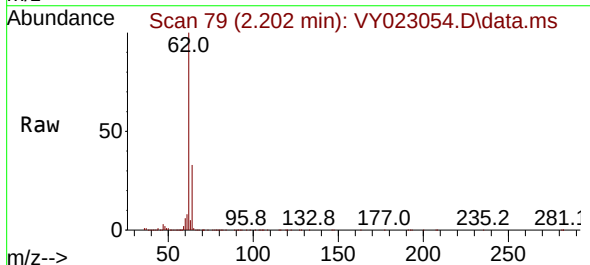
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ClientSampleId :

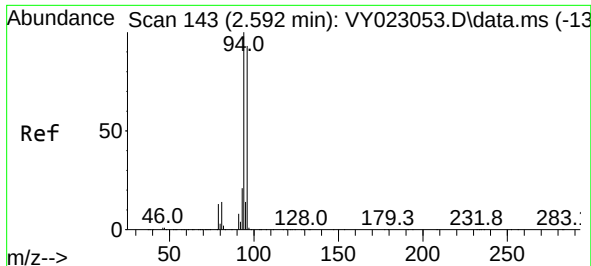
Tgt Ion: 50 Resp: 673475
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 92.250 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 62 Resp: 841648
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0

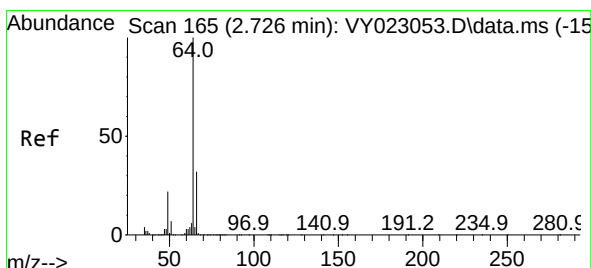
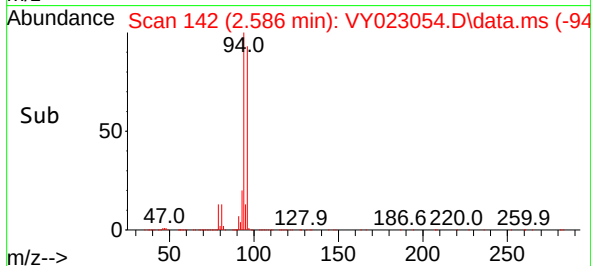
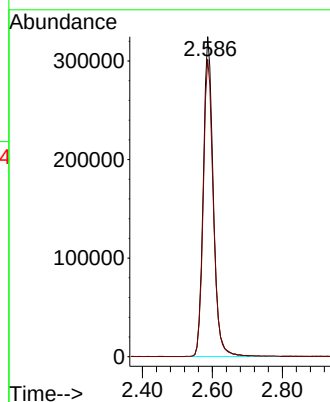
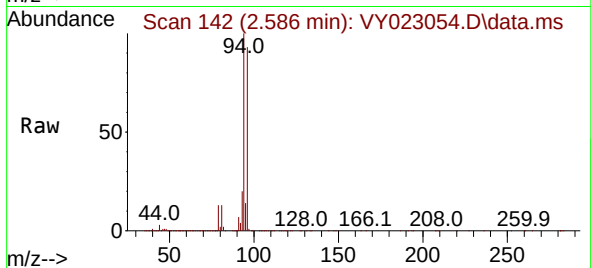




#5
Bromomethane
Concen: 94.384 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

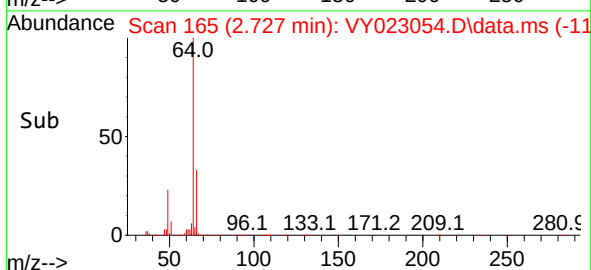
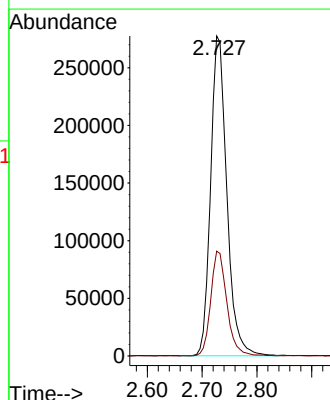
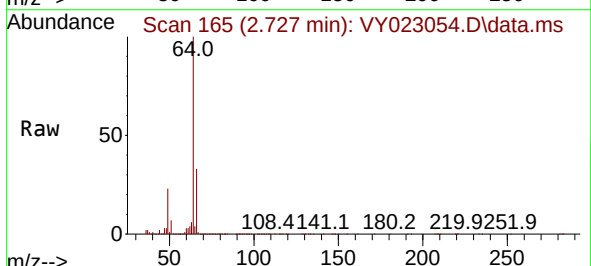
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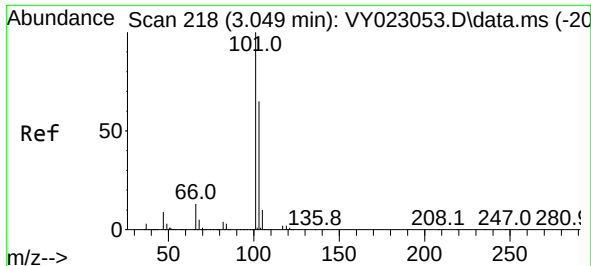
Tgt Ion: 94 Resp: 643103
Ion Ratio Lower Upper
94 100
96 92.9 74.6 112.0



#6
Chloroethane
Concen: 93.563 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 64 Resp: 567515
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6

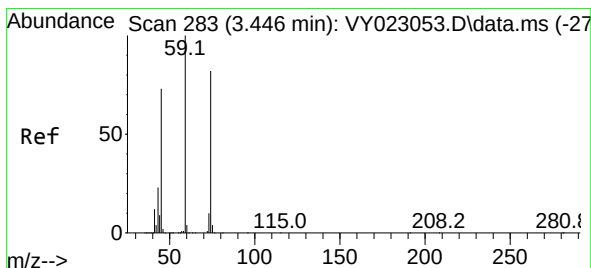
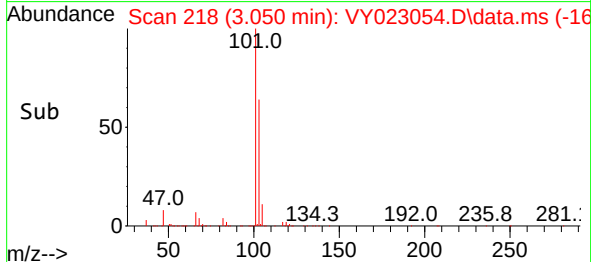
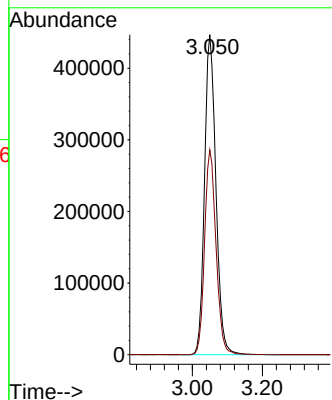
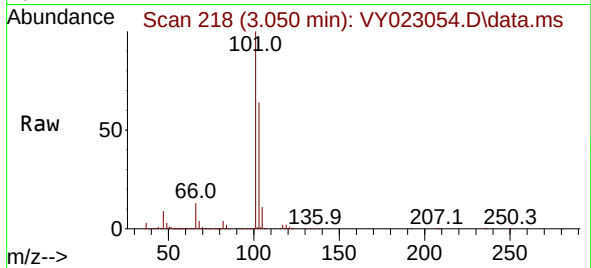




#7
 Trichlorofluoromethane
 Concen: 90.617 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023054.D
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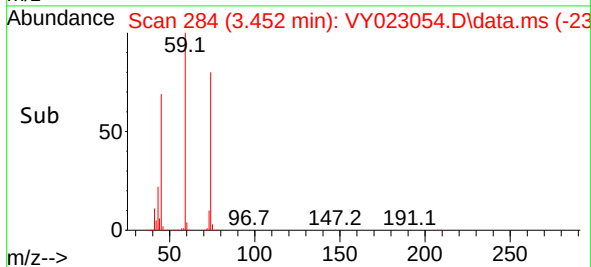
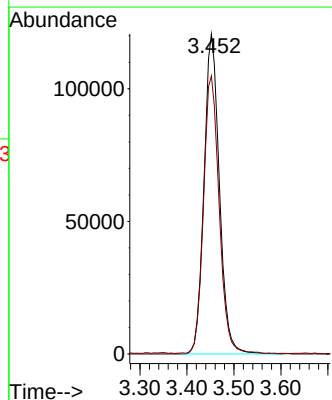
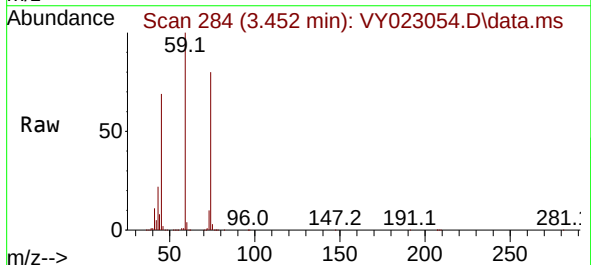
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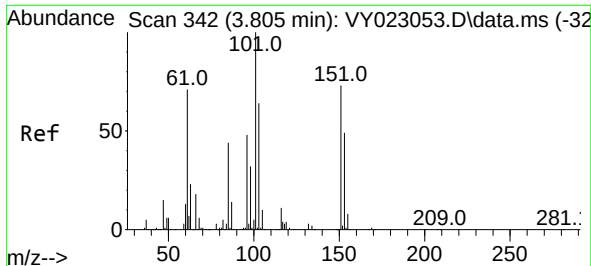
Tgt Ion:101 Resp: 1005284
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 93.150 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

Tgt Ion: 74 Resp: 273400
 Ion Ratio Lower Upper
 74 100
 45 88.2 44.4 133.2

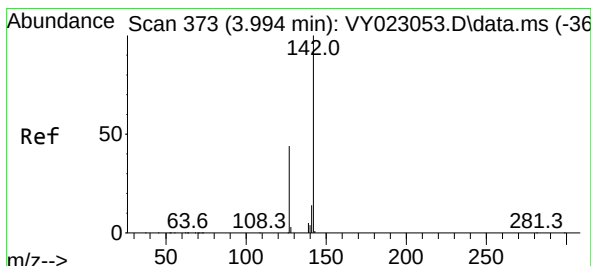
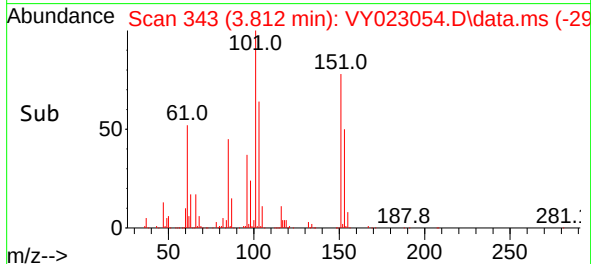
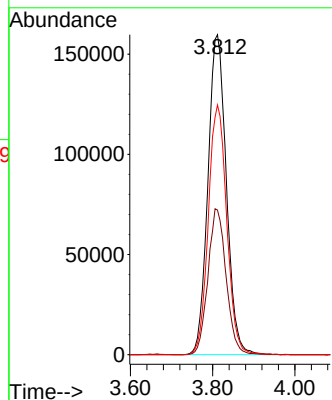
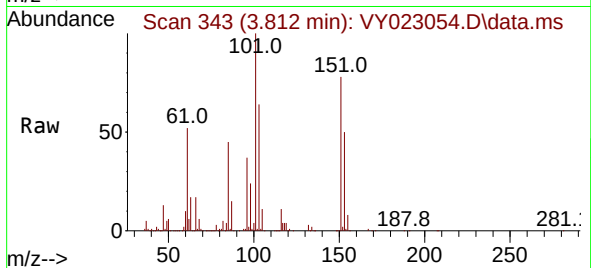




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.882 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
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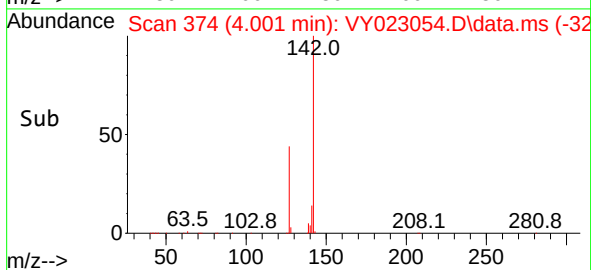
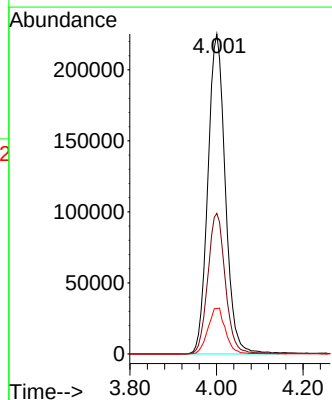
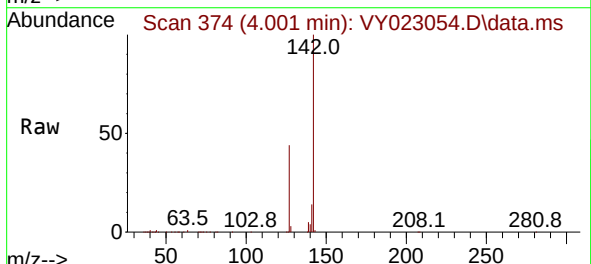
Instrument :
MSVOA_Y
ClientSampleId :

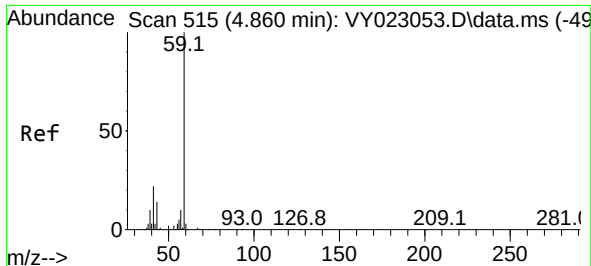
Tgt Ion:101 Resp: 497408
Ion Ratio Lower Upper
101 100
85 45.0 36.3 54.5
151 77.9 61.5 92.3



#10
Methyl Iodide
Concen: 106.635 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:142 Resp: 629775
Ion Ratio Lower Upper
142 100
127 44.2 34.9 52.3
141 14.4 11.3 16.9

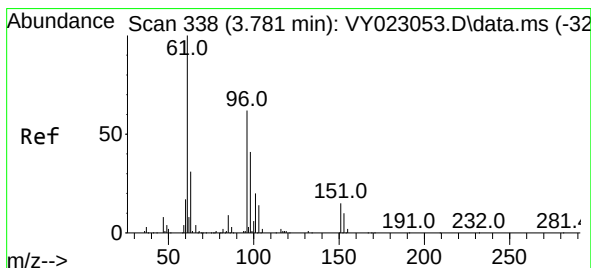
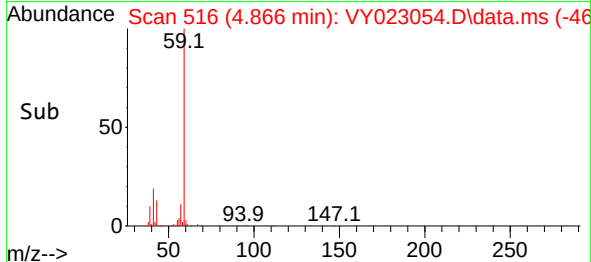
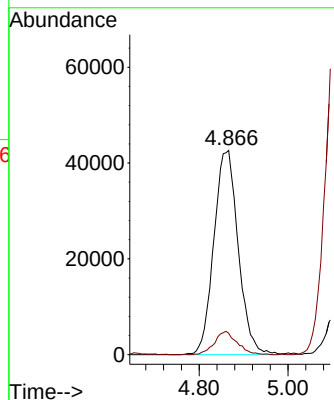
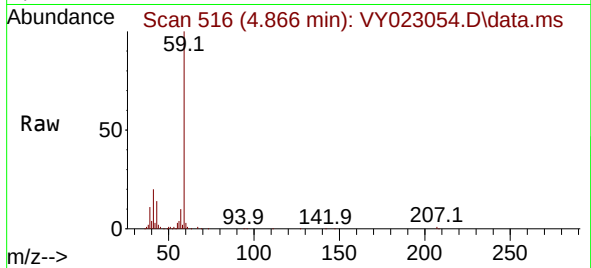




#11
Tert butyl alcohol
Concen: 445.387 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

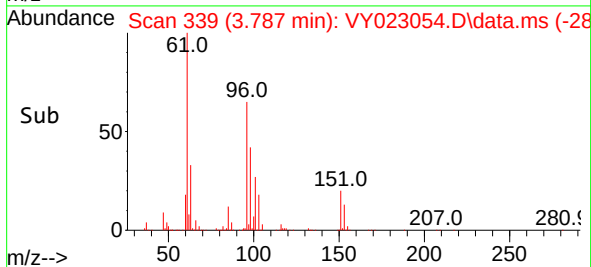
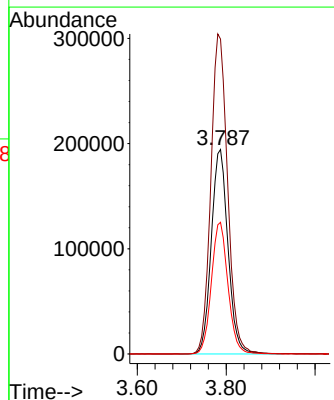
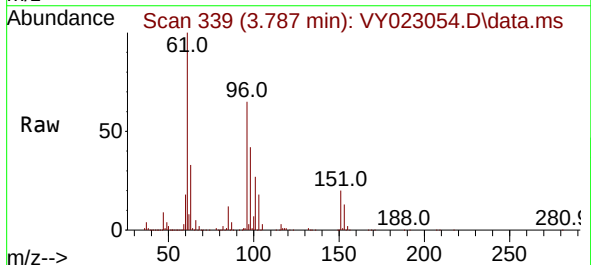
Instrument :
MSVOA_Y
ClientSampleId :

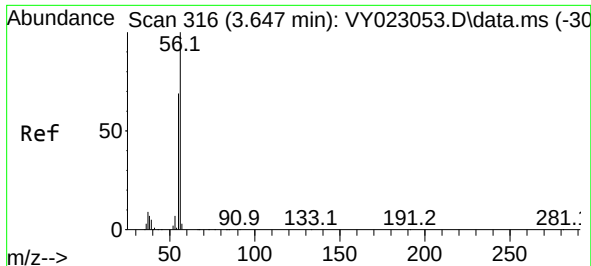
Tgt Ion: 59 Resp: 162373
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 94.229 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 96 Resp: 506919
Ion Ratio Lower Upper
96 100
61 154.0 129.4 194.2
98 64.4 52.8 79.2

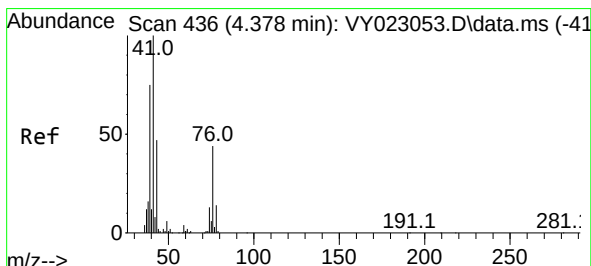
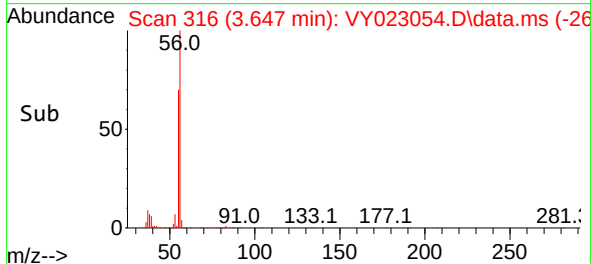
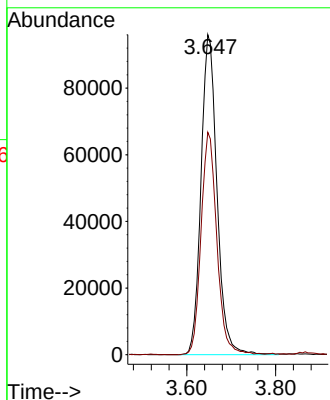
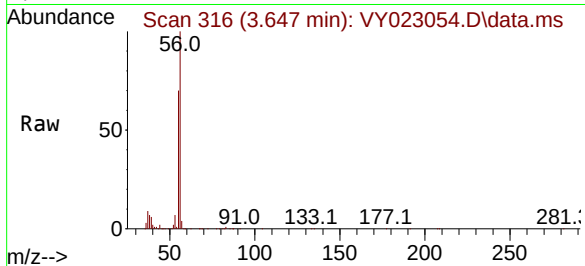




#13
Acrolein
Concen: 450.599 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

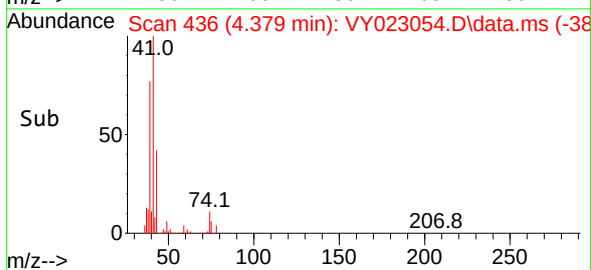
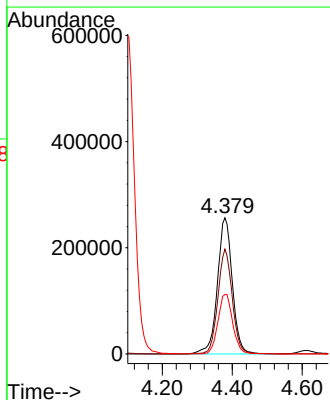
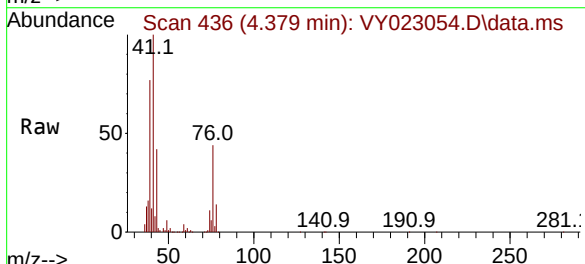
Instrument :
MSVOA_Y
ClientSampleId :

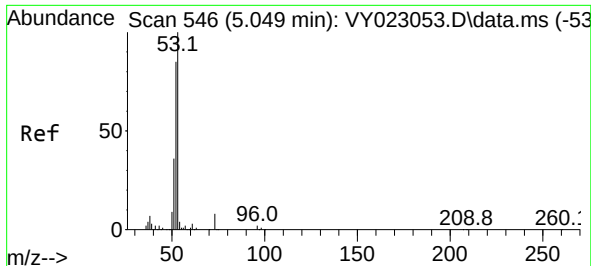
Tgt Ion: 56 Resp: 240580
Ion Ratio Lower Upper
56 100
55 68.9 55.2 82.8



#14
Allyl chloride
Concen: 96.000 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

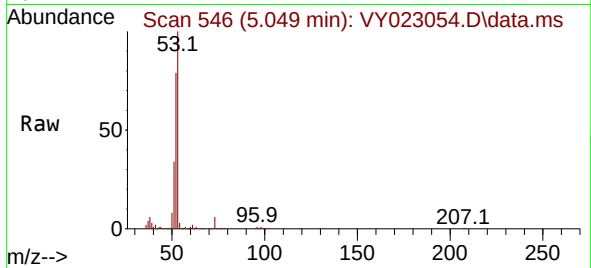
Tgt Ion: 41 Resp: 759925
Ion Ratio Lower Upper
41 100
39 74.3 59.8 89.6
76 43.0 33.7 50.5



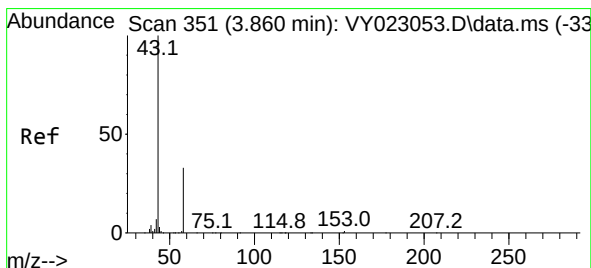
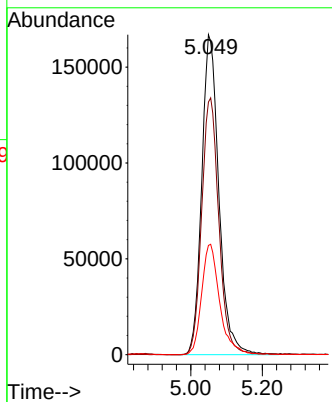
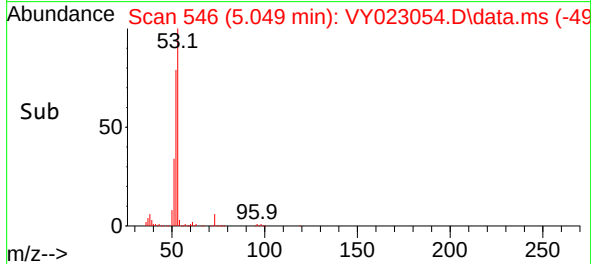


#15
Acrylonitrile
Concen: 465.802 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

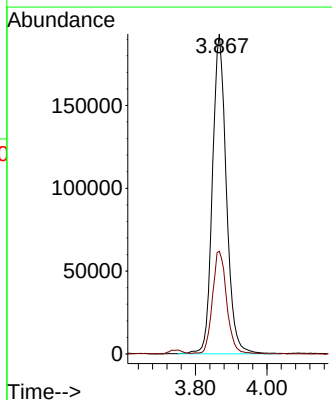
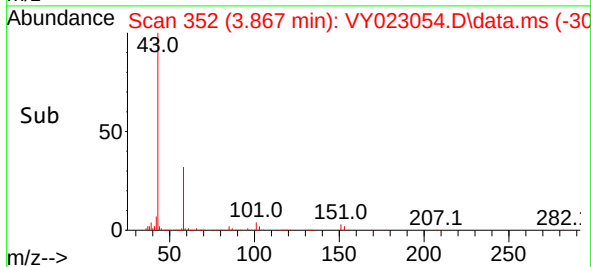
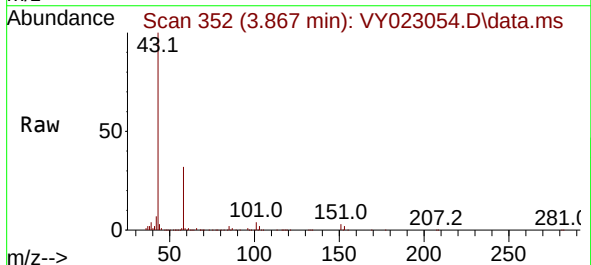


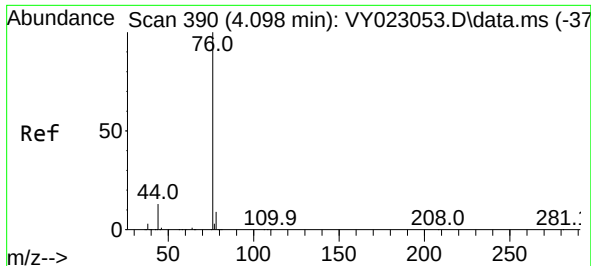
Tgt Ion: 53 Resp: 555815
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 36.3 29.5 44.3



#16
Acetone
Concen: 453.007 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 43 Resp: 522178
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7

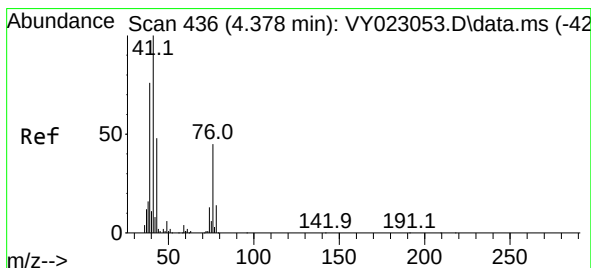
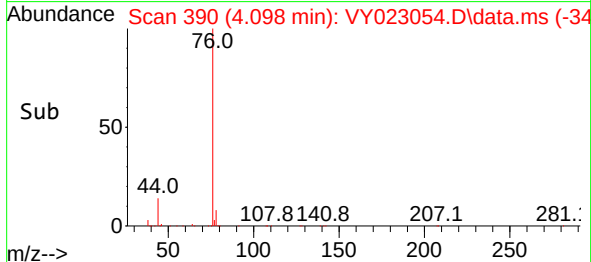
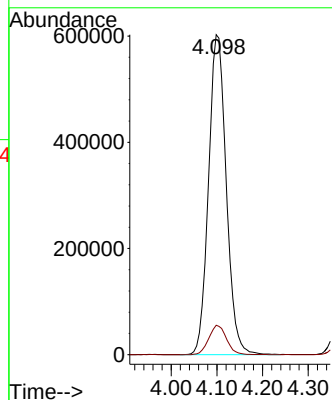
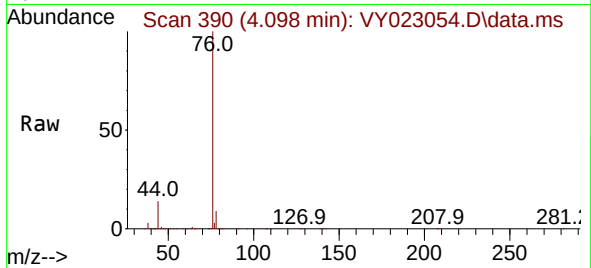




#17
Carbon Disulfide
Concen: 92.494 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

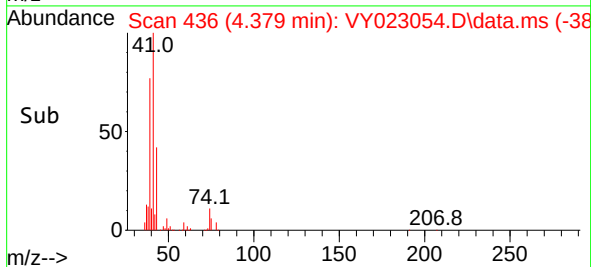
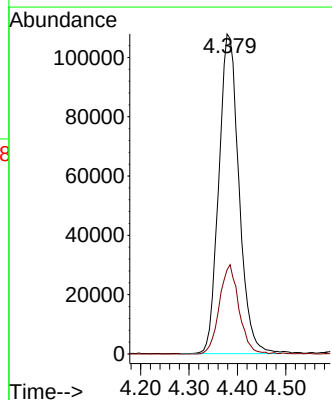
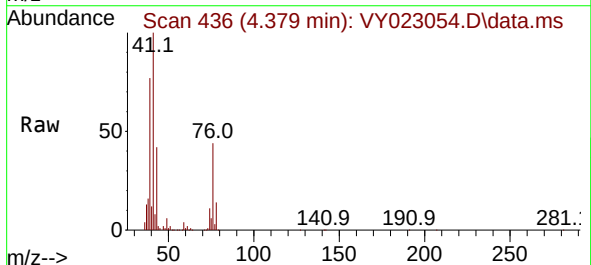
Instrument :
MSVOA_Y
ClientSampleId :

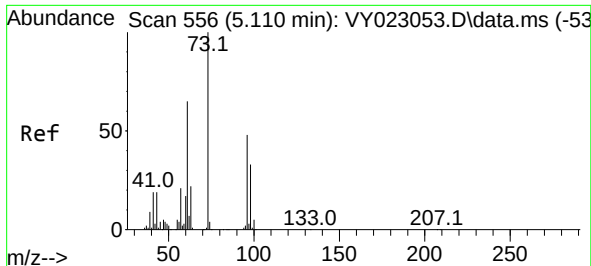
Tgt Ion: 76 Resp: 1622451
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 90.993 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 43 Resp: 312127
Ion Ratio Lower Upper
43 100
74 27.1 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 96.284 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

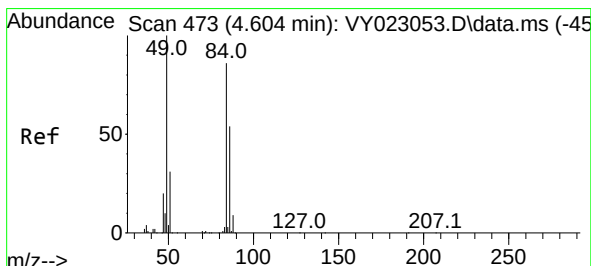
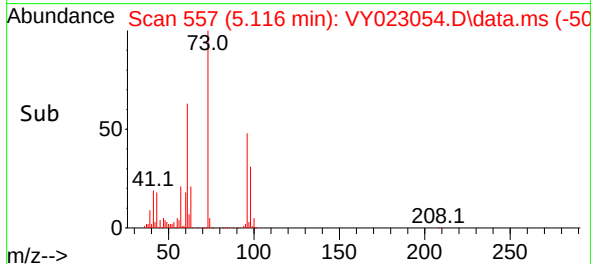
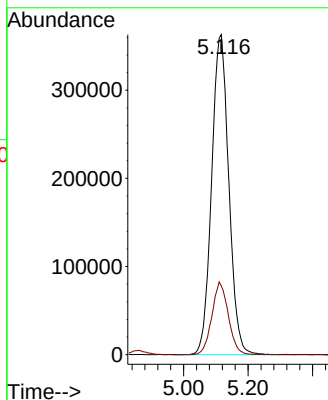
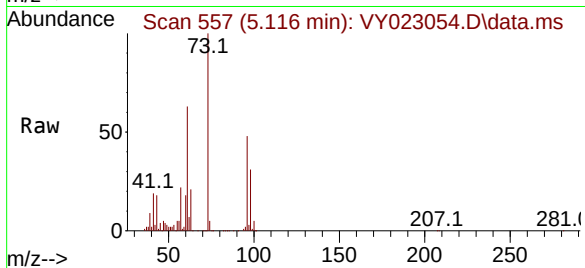
ClientSampleId :

Tgt Ion: 73 Resp: 1342237

Ion Ratio Lower Upper

73 100

57 21.5 17.1 25.7



#20

Methylene Chloride

Concen: 97.847 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Tgt Ion: 84 Resp: 570465

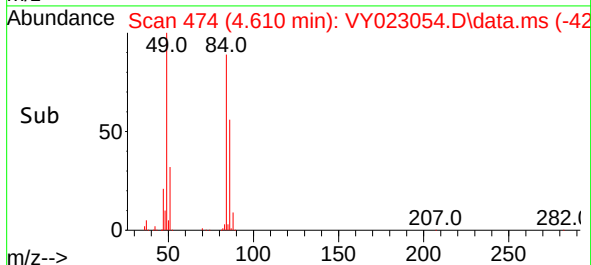
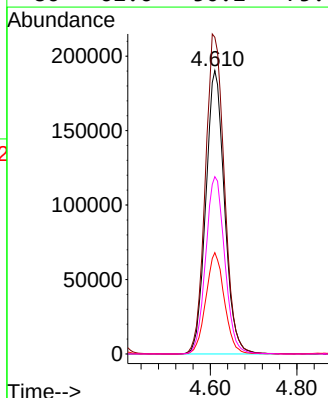
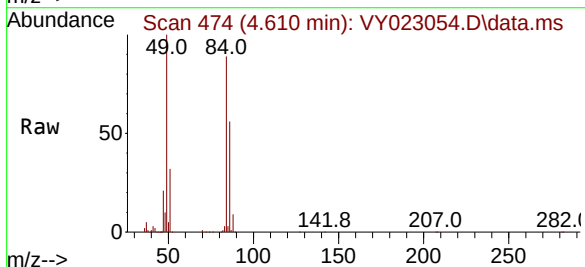
Ion Ratio Lower Upper

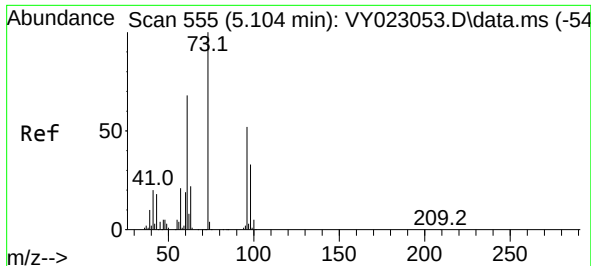
84 100

49 111.7 93.0 139.6

51 35.7 29.0 43.4

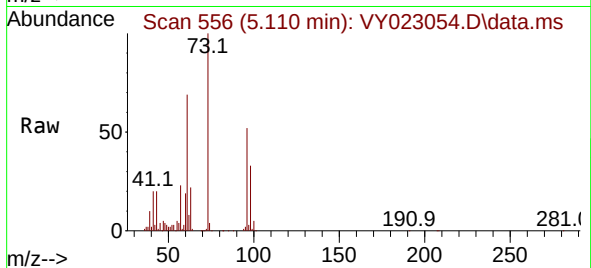
86 62.6 50.2 75.4



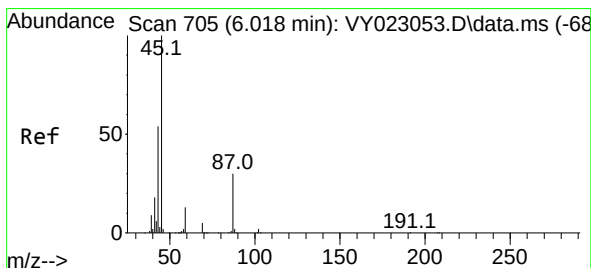
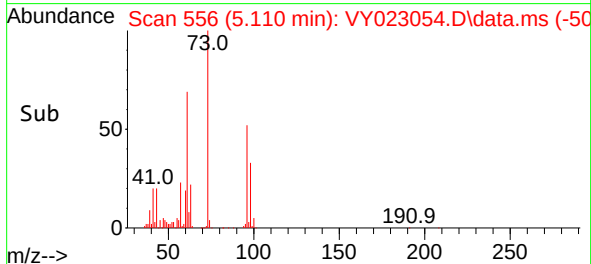
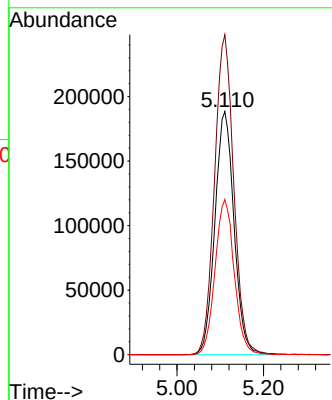


#21
trans-1,2-Dichloroethene
Concen: 96.098 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

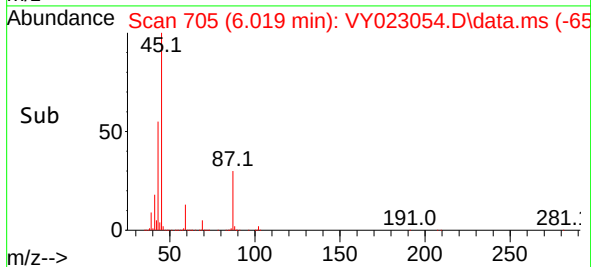
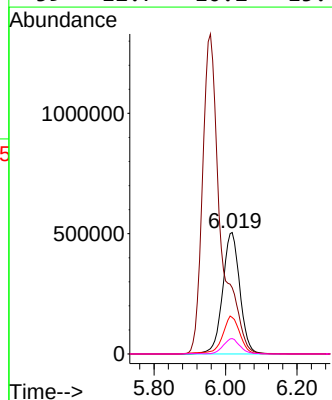
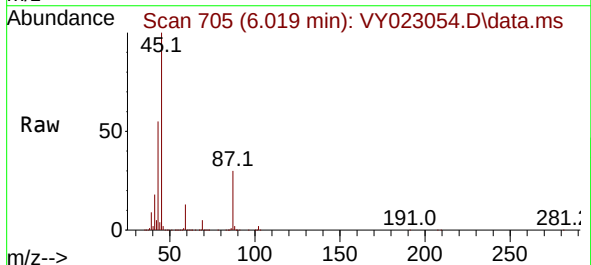


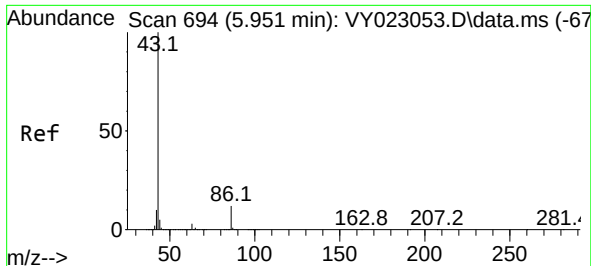
Tgt Ion: 96 Resp: 580972
Ion Ratio Lower Upper
96 100
61 131.5 104.8 157.2
98 63.8 50.1 75.1



#22
Diisopropyl ether
Concen: 98.033 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 45 Resp: 1686285
Ion Ratio Lower Upper
45 100
43 54.5 43.4 65.0
87 30.0 24.4 36.6
59 12.7 10.2 15.4

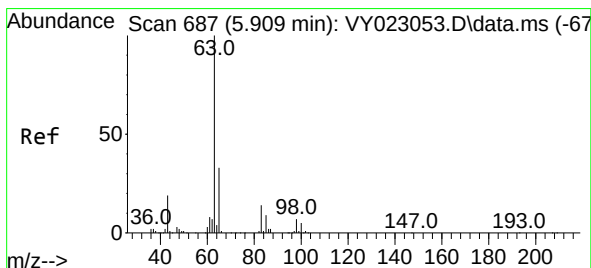
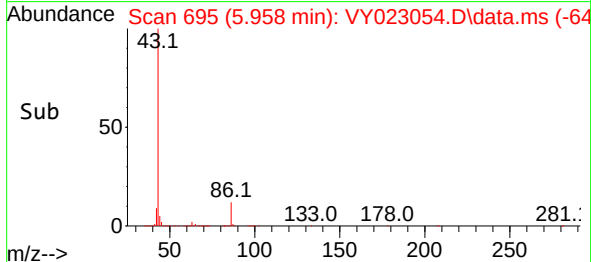
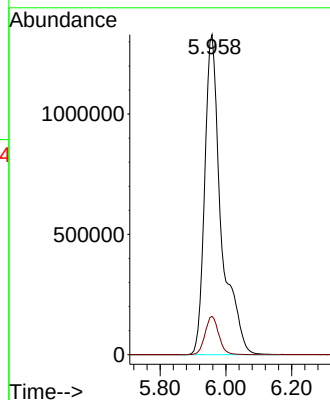
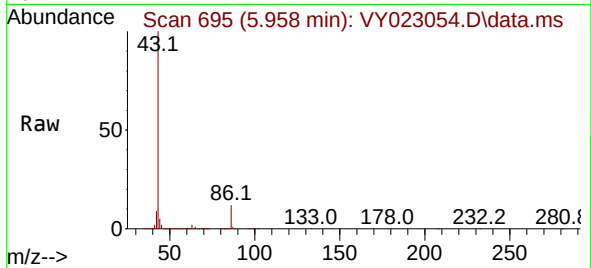




#23
 Vinyl Acetate
 Concen: 487.023 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

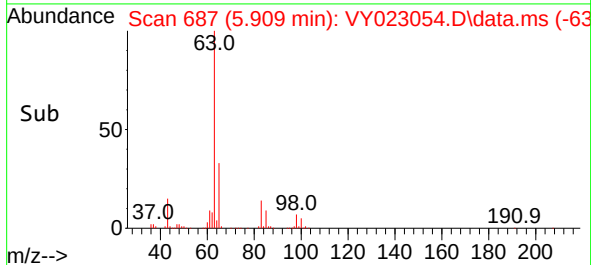
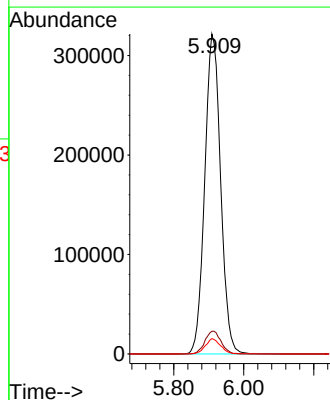
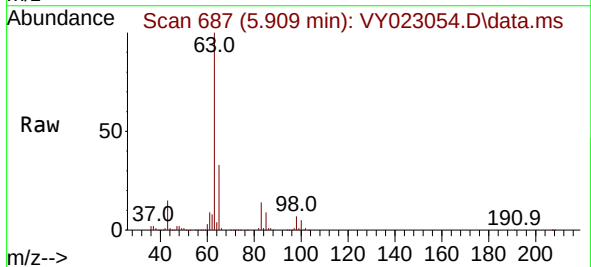
Instrument :
 MSVOA_Y
 ClientSampleId :

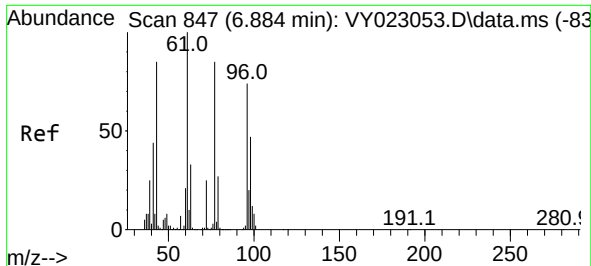
Tgt Ion: 43 Resp: 4632278
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 96.306 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

Tgt Ion: 63 Resp: 1012815
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 460.899 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

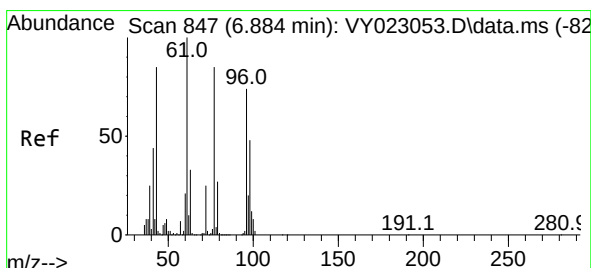
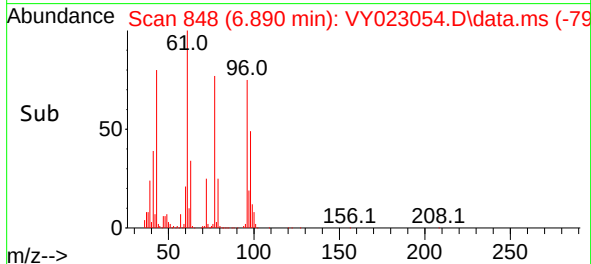
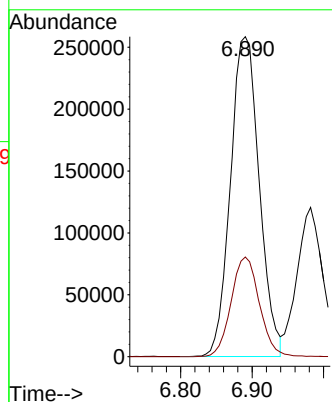
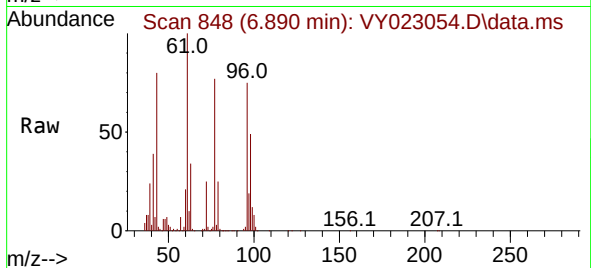
ClientSampleId :

Tgt Ion: 43 Resp: 722555

Ion Ratio Lower Upper

43 100

72 31.2 23.5 35.3



#26

2,2-Dichloropropane

Concen: 95.497 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023054.D

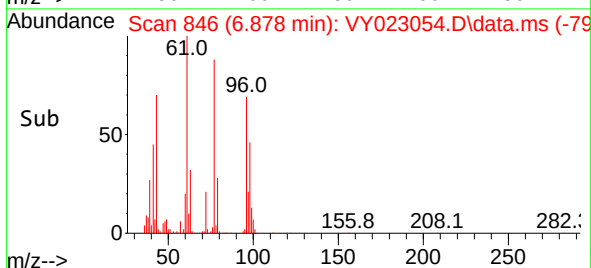
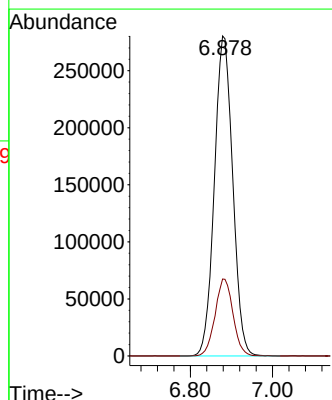
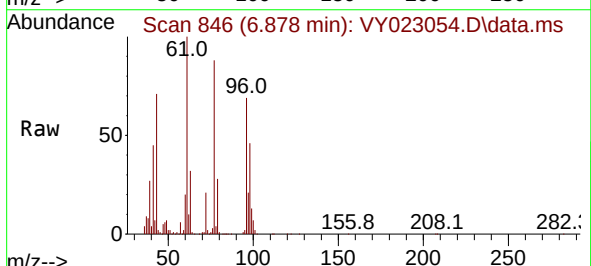
Acq: 12 Aug 2025 16:25

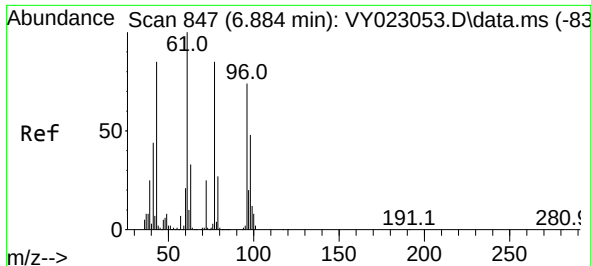
Tgt Ion: 77 Resp: 866598

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 97.472 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

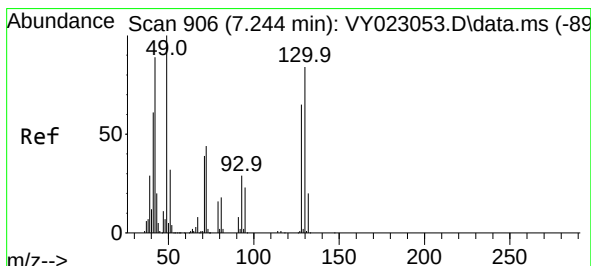
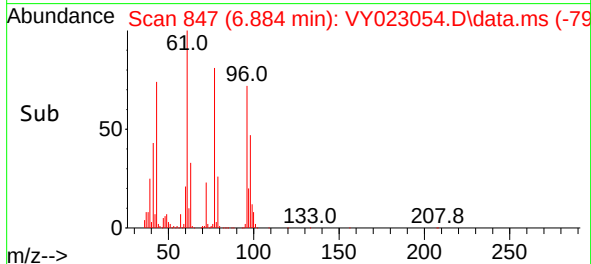
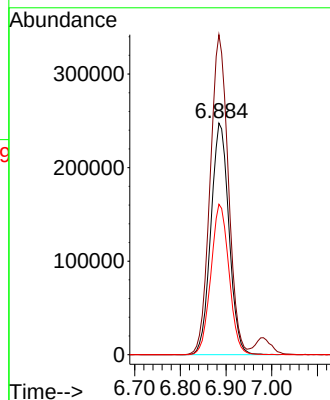
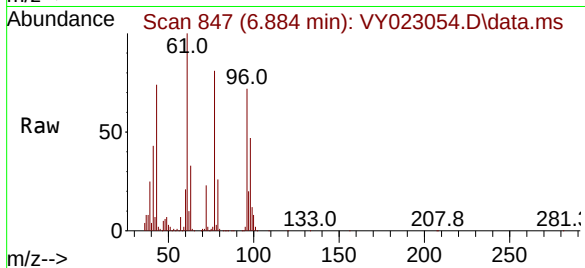
Tgt Ion: 96 Resp: 681242

Ion Ratio Lower Upper

96 100

61 138.6 0.0 278.6

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 98.188 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

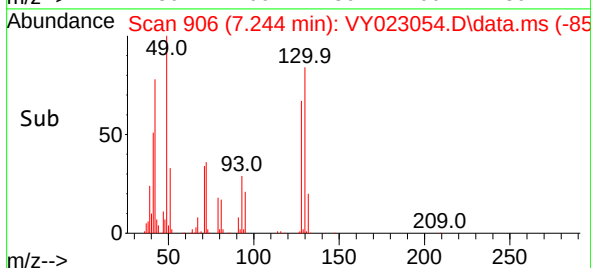
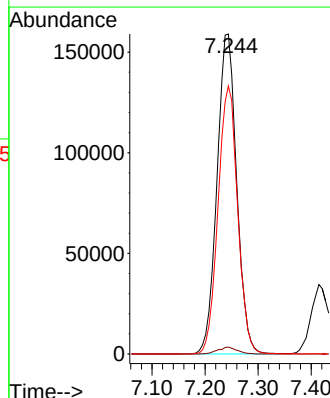
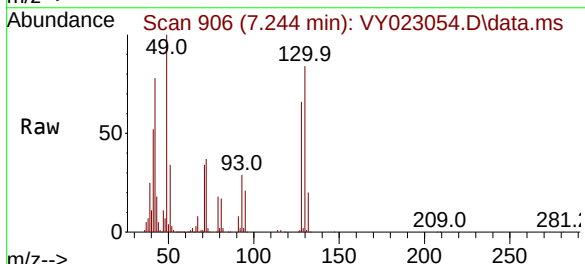
Tgt Ion: 49 Resp: 409677

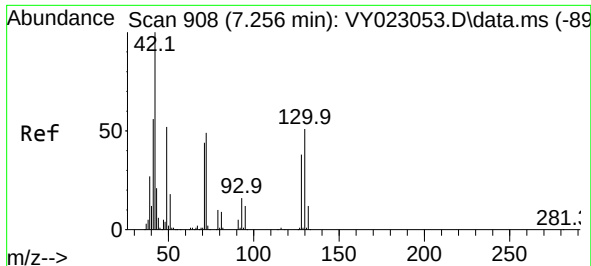
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 83.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 464.370 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

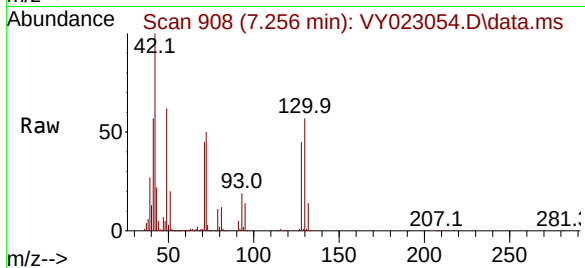
Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :



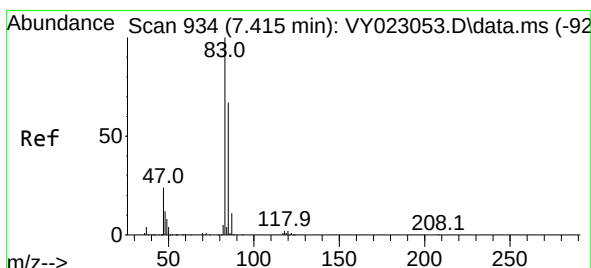
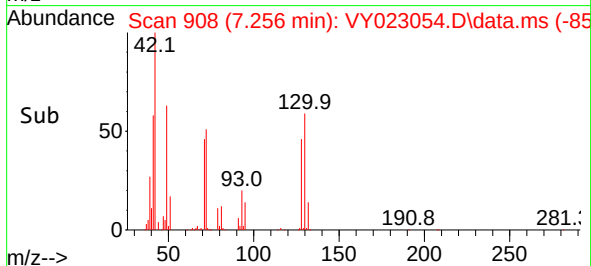
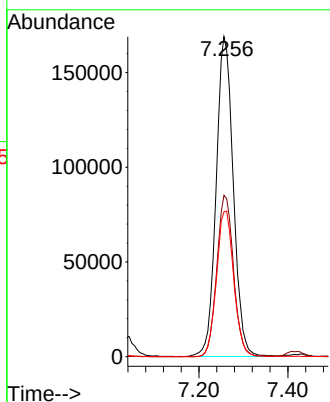
Tgt Ion: 42 Resp: 451254

Ion Ratio Lower Upper

42 100

72 49.4 39.4 59.2

71 45.8 36.5 54.7



#30

Chloroform

Concen: 96.383 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY023054.D

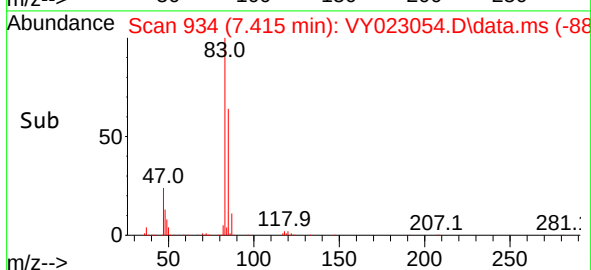
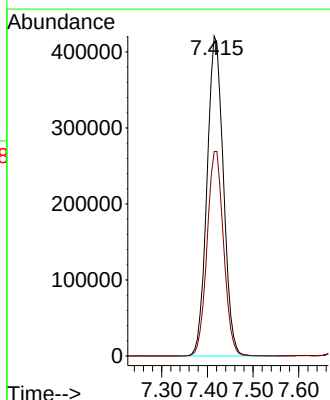
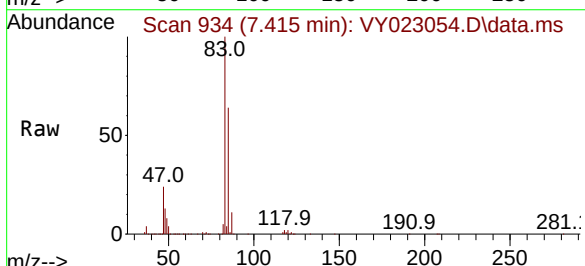
Acq: 12 Aug 2025 16:25

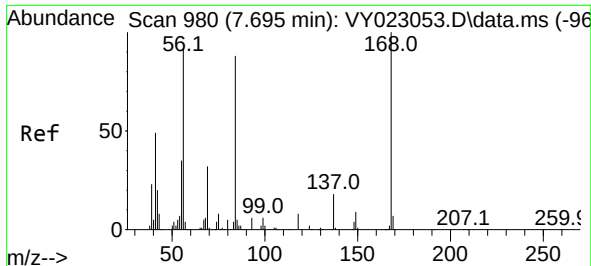
Tgt Ion: 83 Resp: 1045381

Ion Ratio Lower Upper

83 100

85 63.9 53.8 80.8

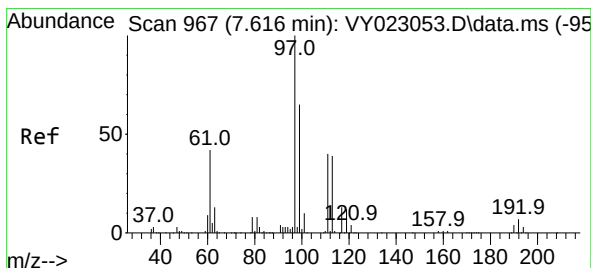
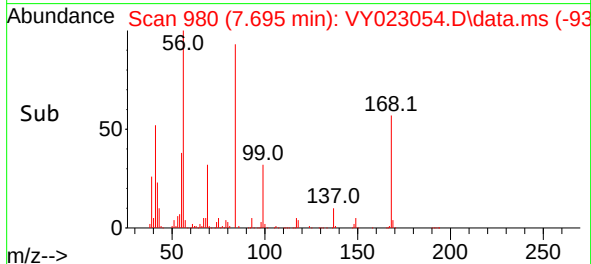
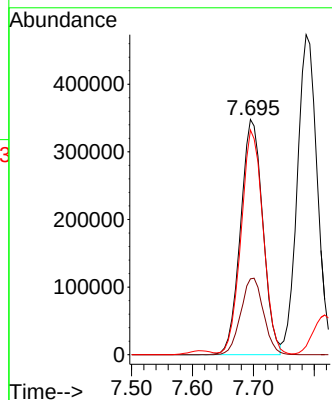
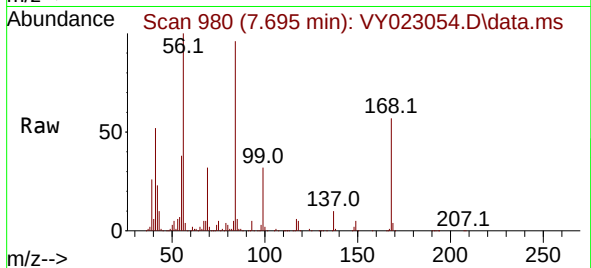




#31
Cyclohexane
Concen: 89.271 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

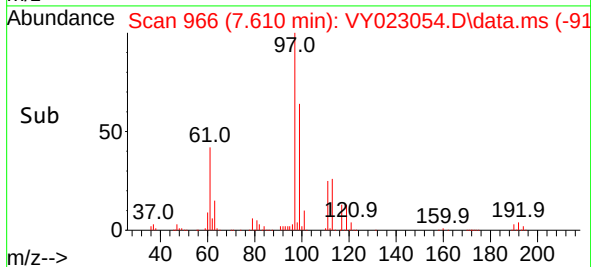
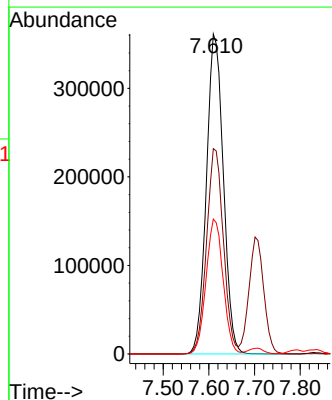
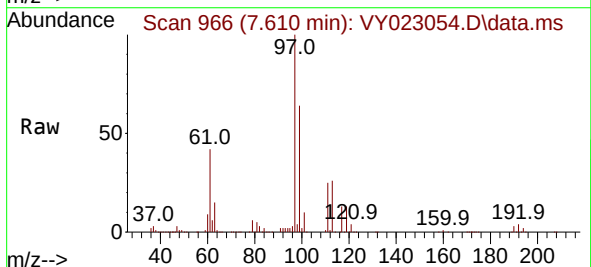
Instrument :
MSVOA_Y
ClientSampleId :

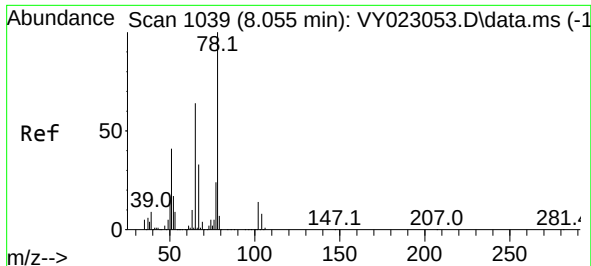
Tgt Ion: 56 Resp: 884707
Ion Ratio Lower Upper
56 100
69 32.3 28.2 42.2
84 95.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 96.620 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 97 Resp: 929858
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 99.115 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

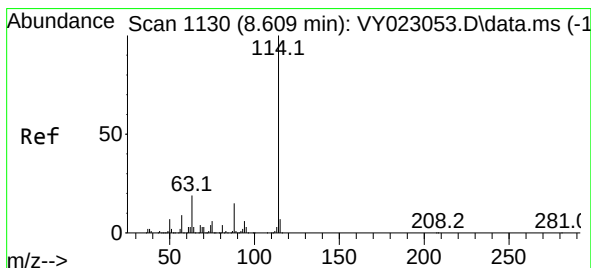
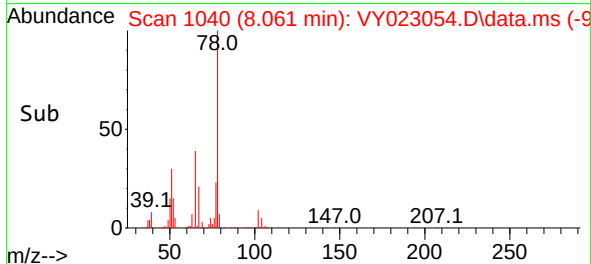
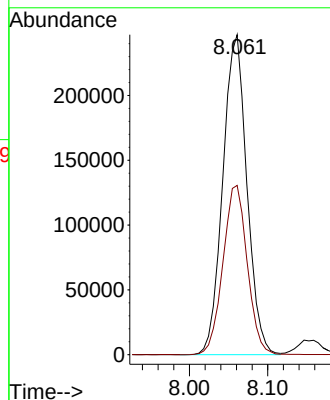
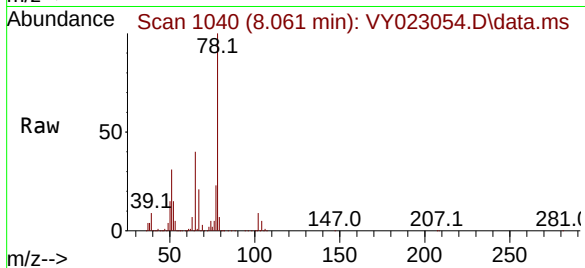
ClientSampleId :

Tgt Ion: 65 Resp: 527356

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

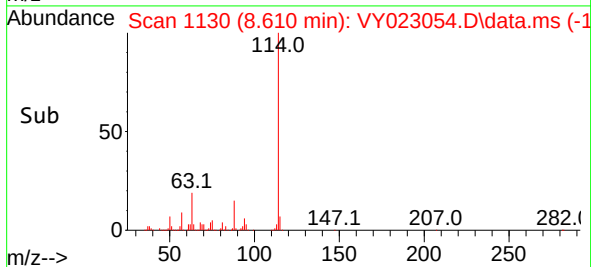
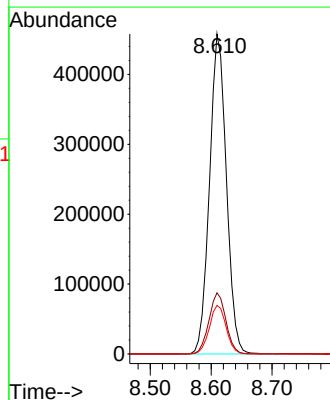
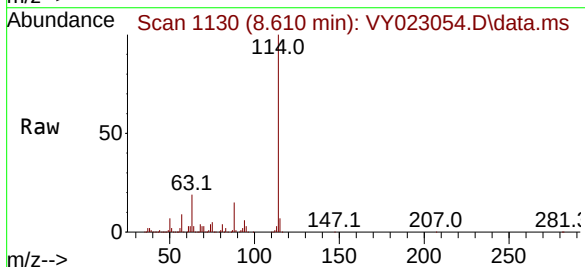
Tgt Ion:114 Resp: 880463

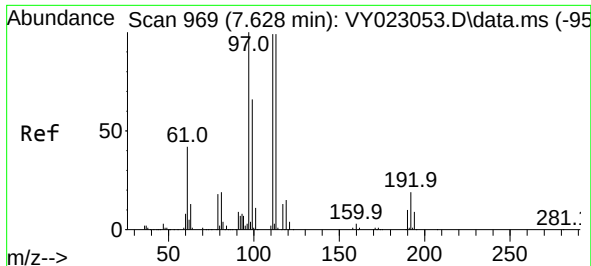
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.2 0.0 30.0

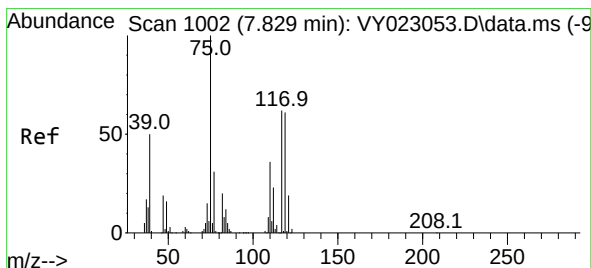
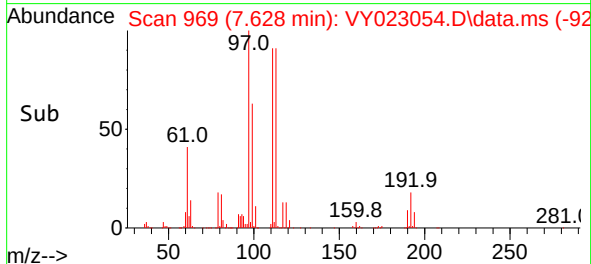
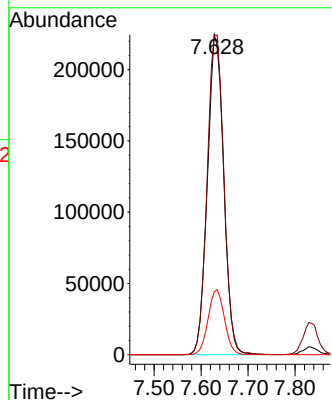
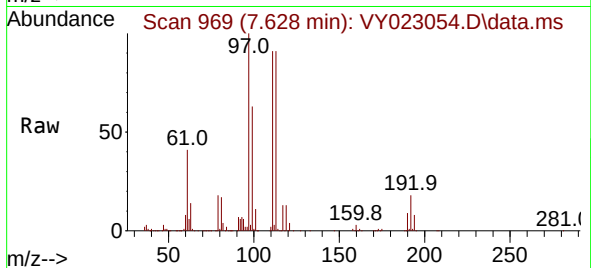




#35
 Dibromofluoromethane
 Concen: 102.518 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

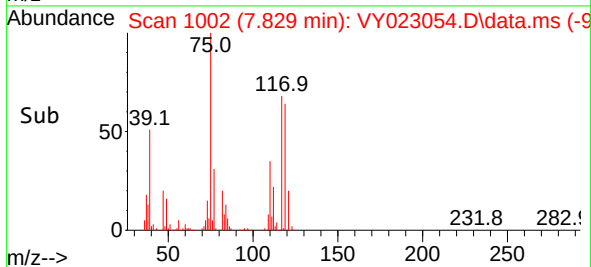
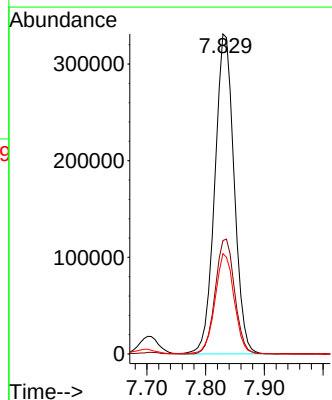
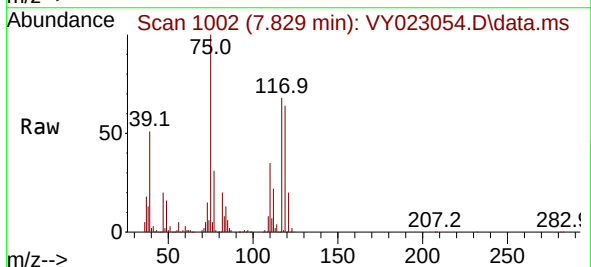
Instrument :
 MSVOA_Y
 ClientSampleId :

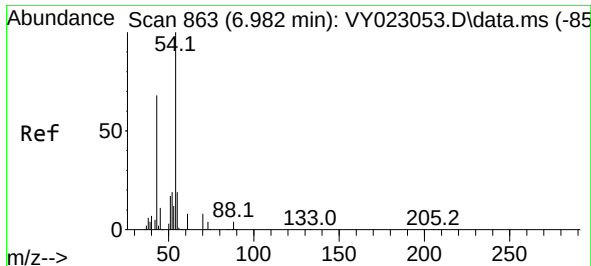
Tgt Ion:113 Resp: 540106
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 20.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 96.443 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

Tgt Ion: 75 Resp: 755114
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 95.302 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

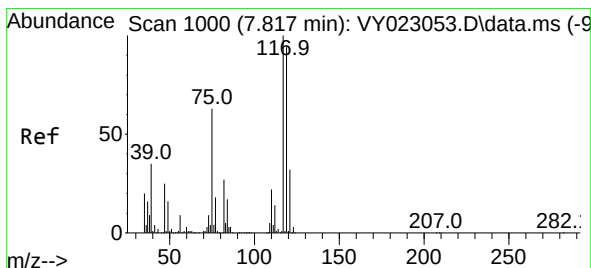
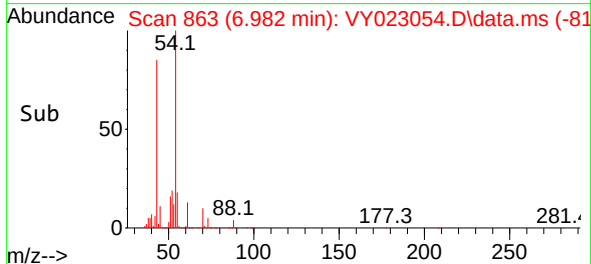
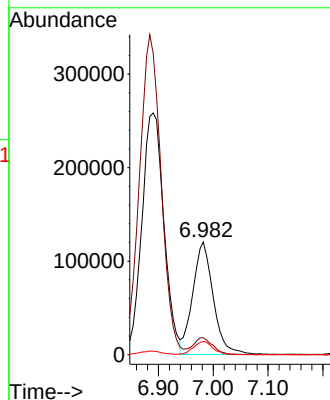
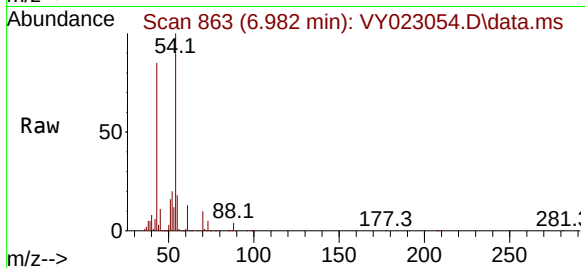
Tgt Ion: 43 Resp: 313447

Ion Ratio Lower Upper

43 100

61 14.1 11.9 17.9

70 11.2 8.8 13.2



#38

Carbon Tetrachloride

Concen: 96.419 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

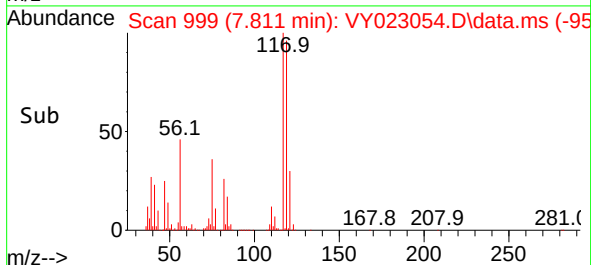
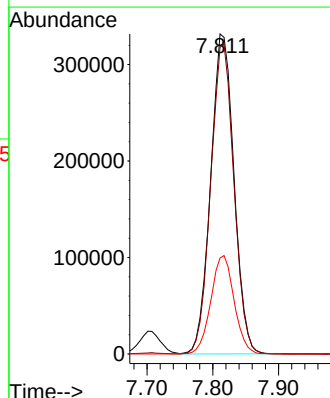
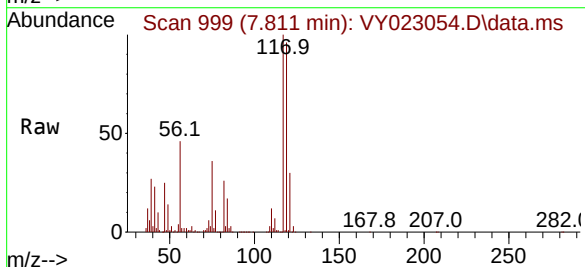
Tgt Ion: 117 Resp: 819941

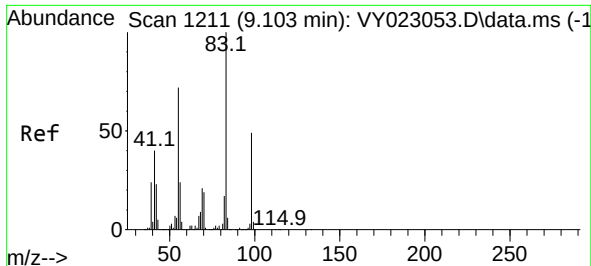
Ion Ratio Lower Upper

117 100

119 95.8 75.6 113.4

121 30.0 25.8 38.8





#39

Methylcyclohexane

Concen: 98.146 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

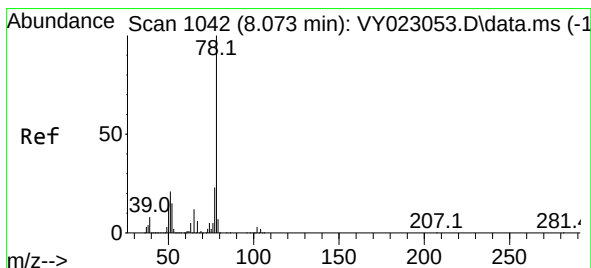
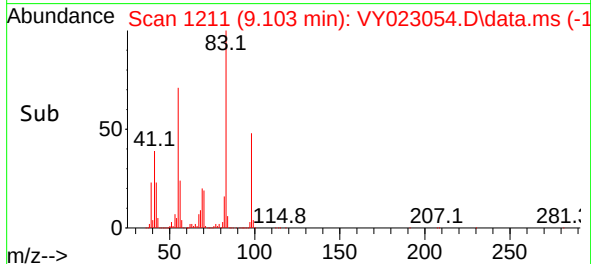
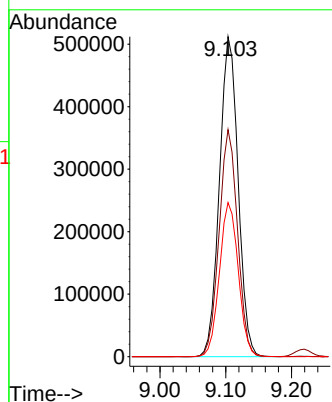
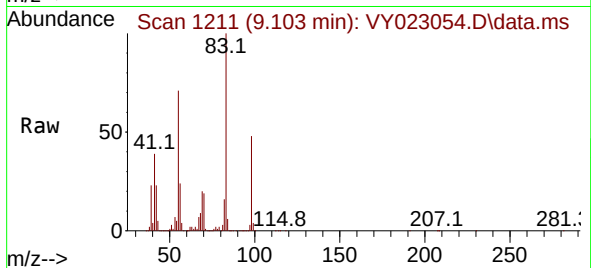
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83 Resp: 1011944

Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.6	86.4
98	48.2	39.2	58.8



#40

Benzene

Concen: 97.324 ug/l

RT: 8.073 min Scan# 1042

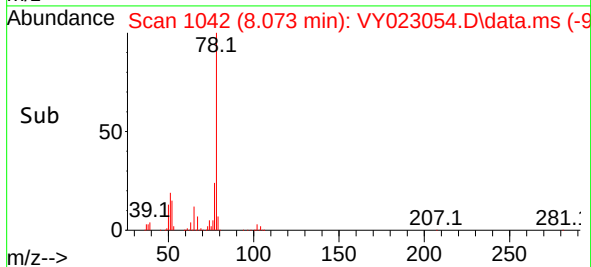
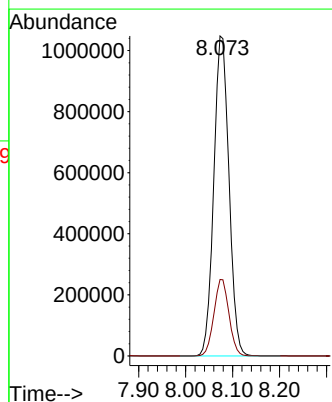
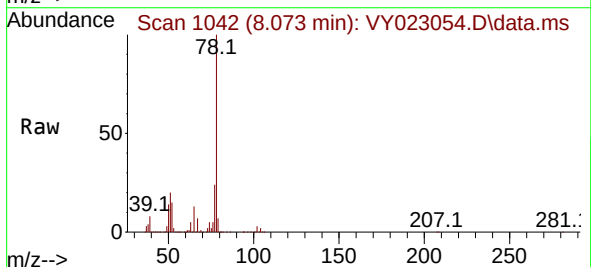
Delta R.T. 0.000 min

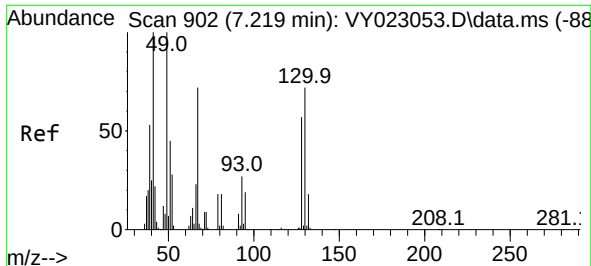
Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Tgt Ion: 78 Resp: 2348617

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0

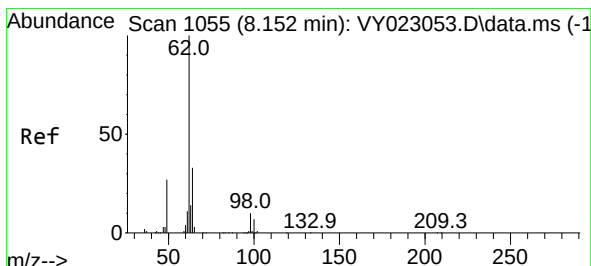
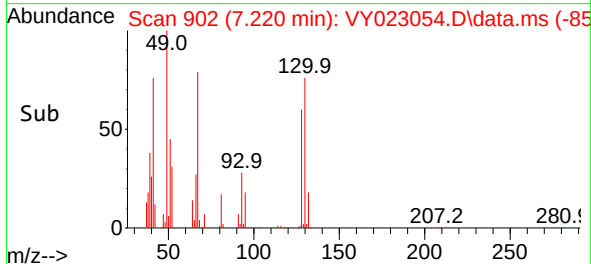
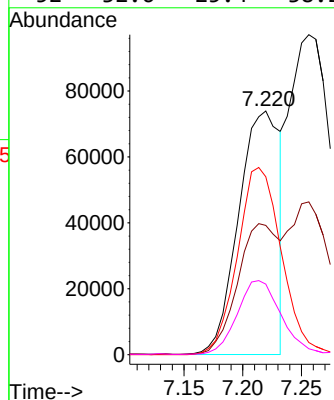
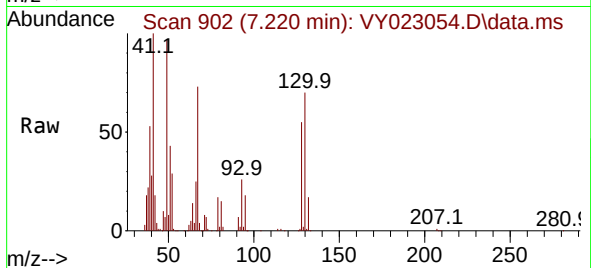




#41
Methacrylonitrile
Concen: 94.973 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

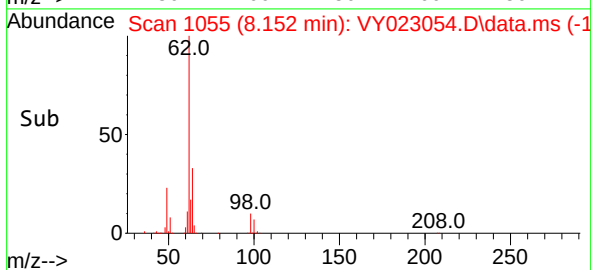
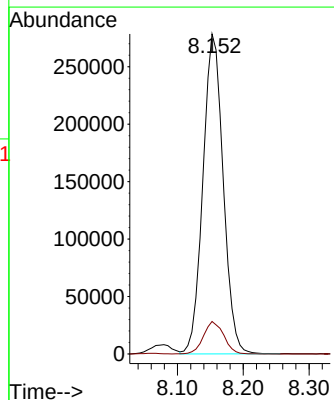
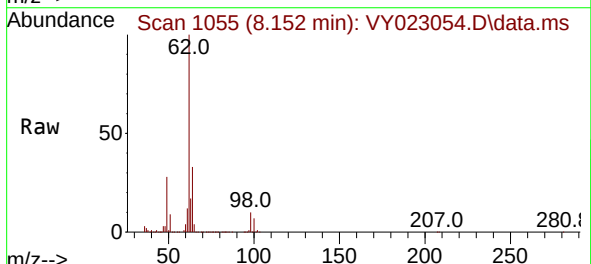
Instrument :
MSVOA_Y
ClientSampleId :

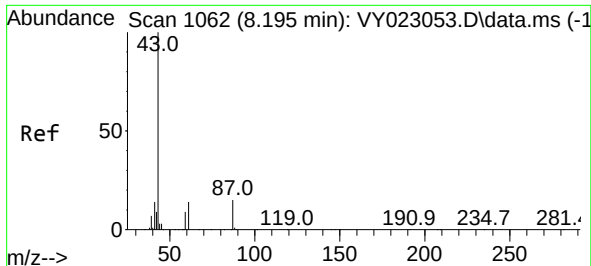
Tgt Ion: 41 Resp: 180468
Ion Ratio Lower Upper
41 100
39 53.8 43.4 65.2
67 82.3 63.6 95.4
52 32.6 25.4 38.2



#42
1,2-Dichloroethane
Concen: 95.155 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 62 Resp: 597215
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6

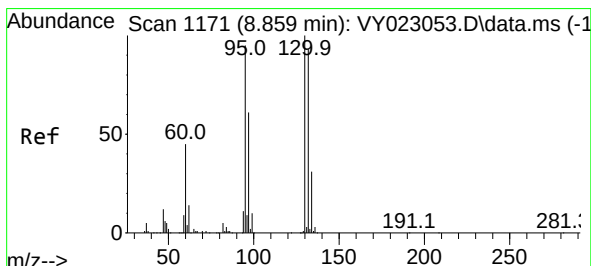
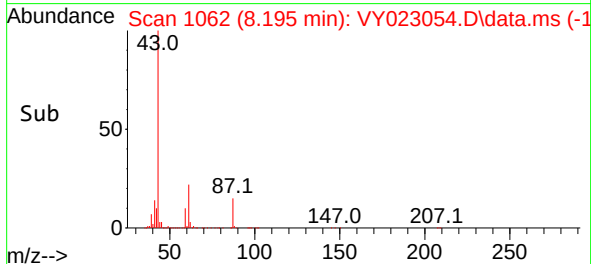
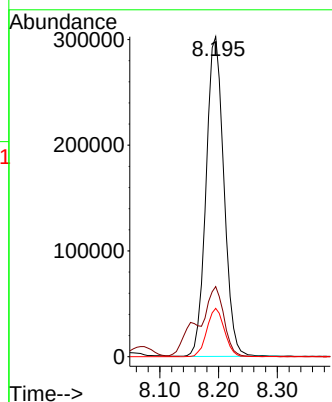
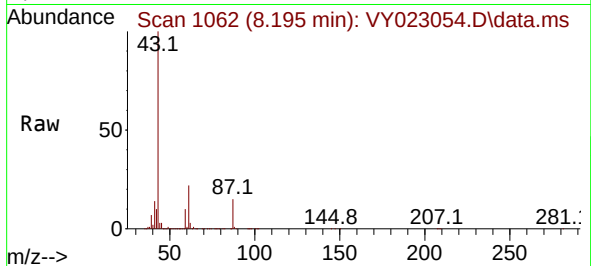




#43
Isopropyl Acetate
Concen: 95.780 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

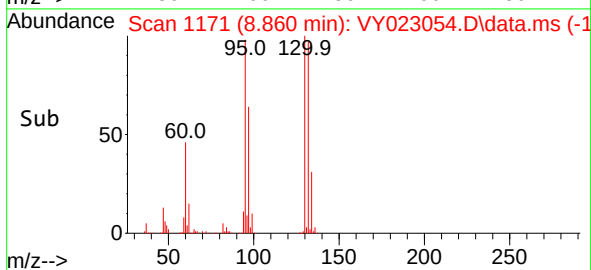
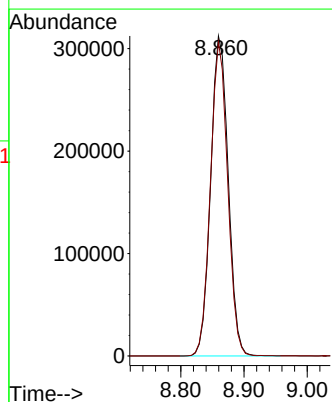
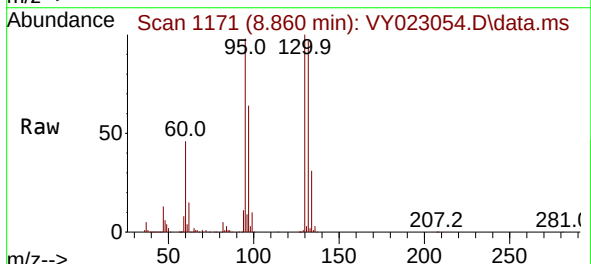
Instrument :
MSVOA_Y
ClientSampleId :

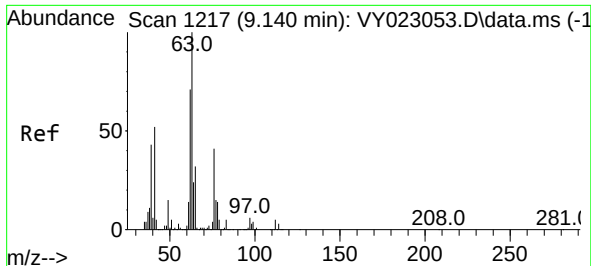
Tgt Ion: 43 Resp: 636710
Ion Ratio Lower Upper
43 100
61 21.0 16.4 24.6
87 14.9 11.8 17.6



#44
Trichloroethene
Concen: 96.584 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:130 Resp: 602322
Ion Ratio Lower Upper
130 100
95 98.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 97.899 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

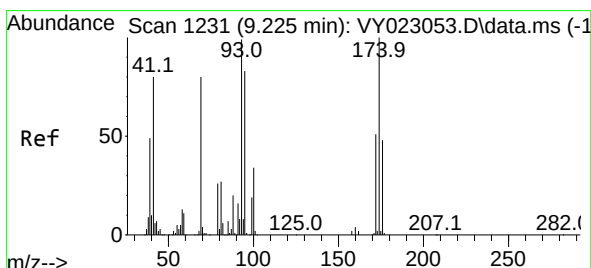
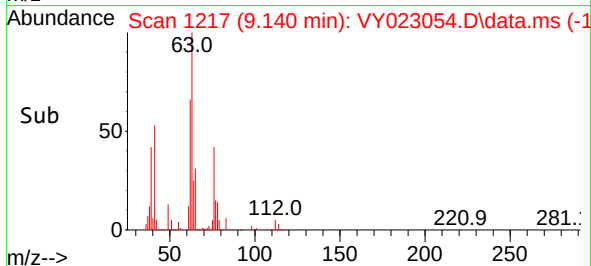
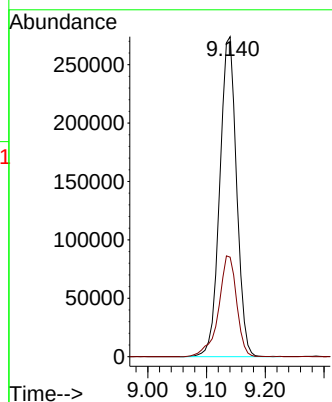
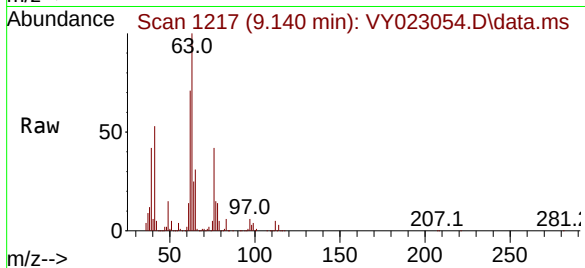
ClientSampleId :

Tgt Ion: 63 Resp: 543589

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 97.052 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

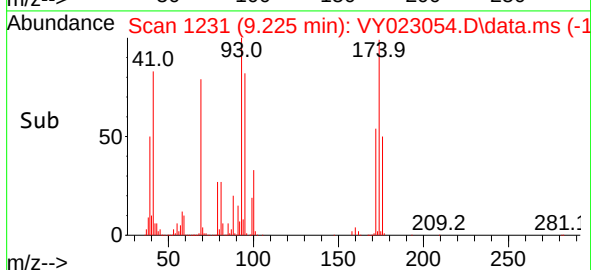
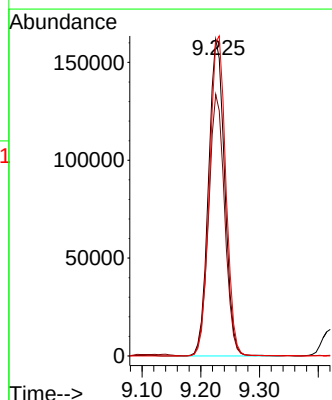
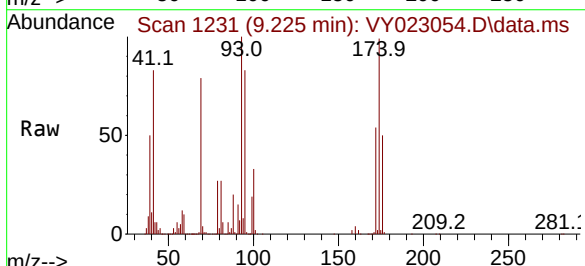
Tgt Ion: 93 Resp: 309302

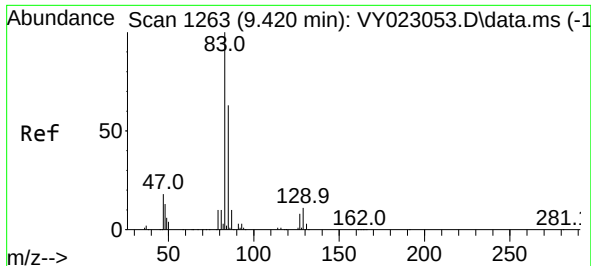
Ion Ratio Lower Upper

93 100

95 81.8 66.5 99.7

174 101.9 81.8 122.8

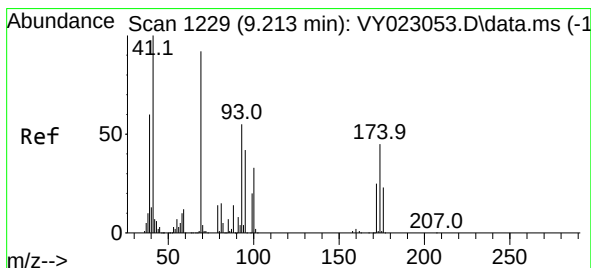
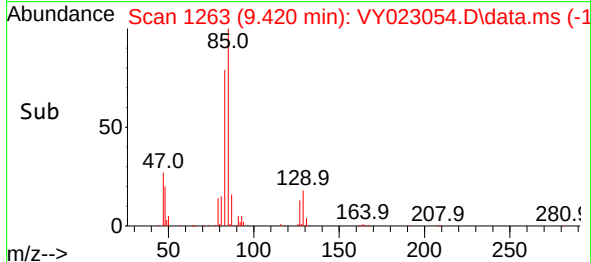
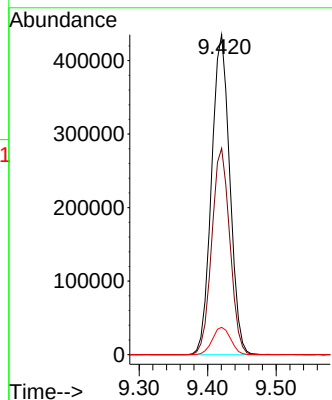
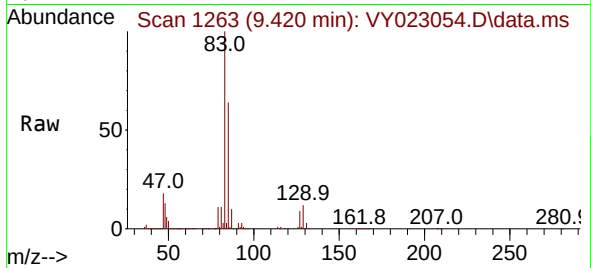




#47
Bromodichloromethane
Concen: 97.864 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

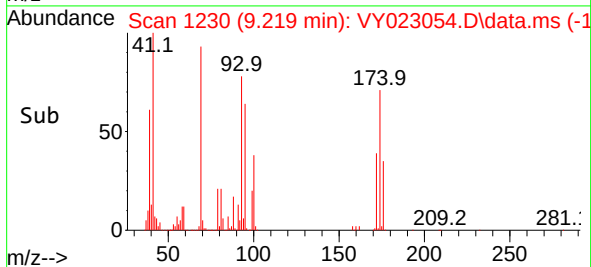
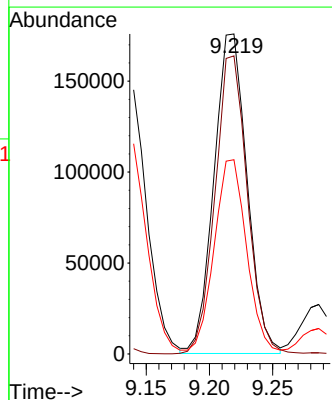
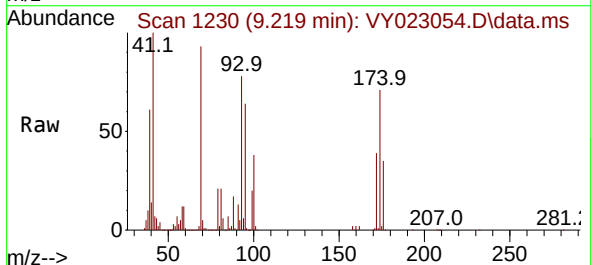
Instrument :
MSVOA_Y
ClientSampleId :

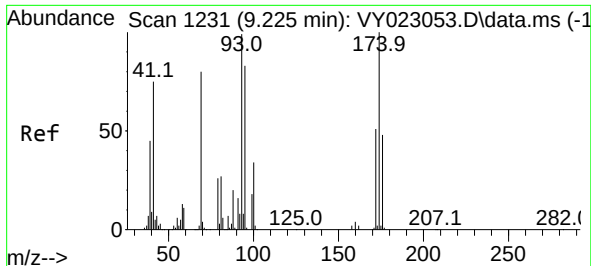
Tgt Ion: 83 Resp: 802532
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 100.567 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 41 Resp: 319906
Ion Ratio Lower Upper
41 100
69 91.4 73.2 109.8
39 57.6 47.0 70.4





#49

1,4-Dioxane

Concen: 1908.039 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

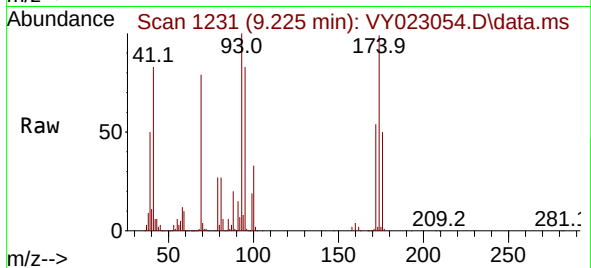
Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :



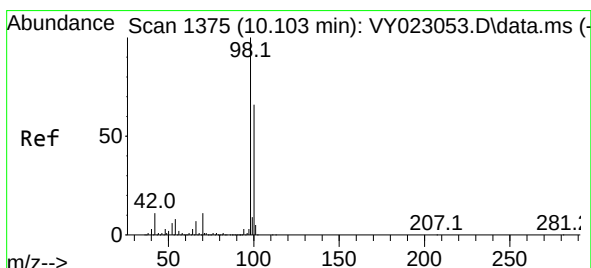
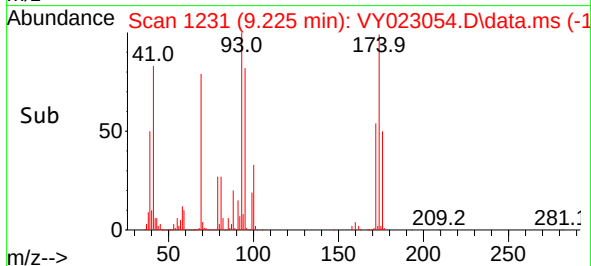
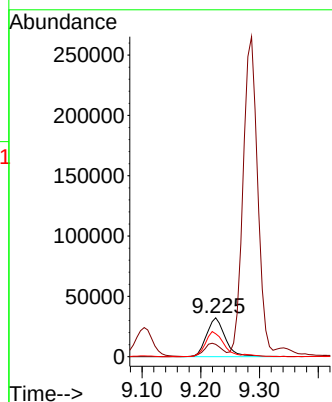
Tgt Ion: 88 Resp: 71300

Ion Ratio Lower Upper

88 100

43 30.6 24.3 36.5

58 62.4 55.4 83.0



#50

Toluene-d8

Concen: 102.832 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023054.D

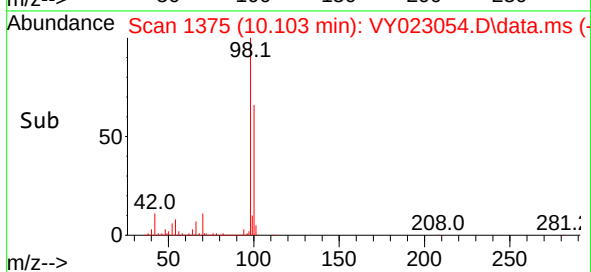
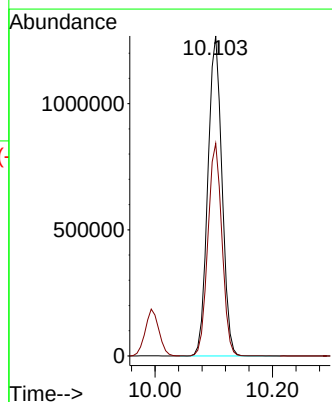
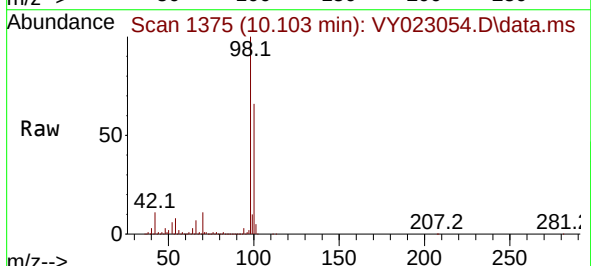
Acq: 12 Aug 2025 16:25

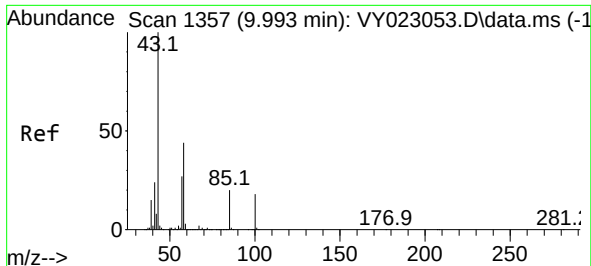
Tgt Ion: 98 Resp: 2116445

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 486.924 ug/l

RT: 9.994 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

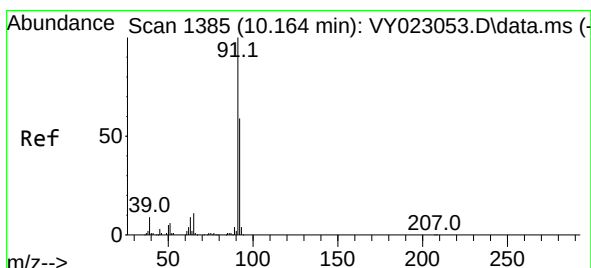
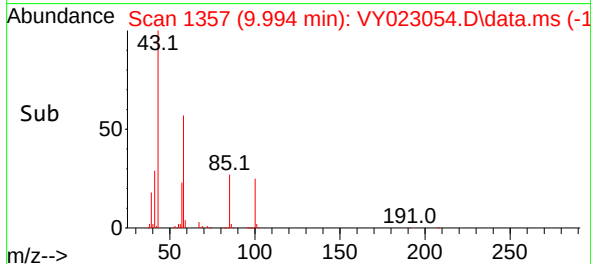
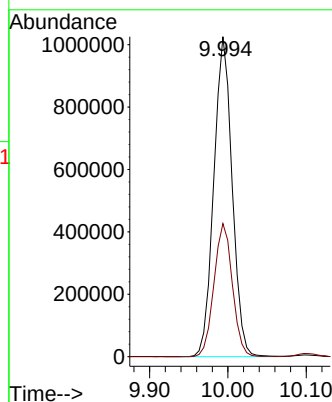
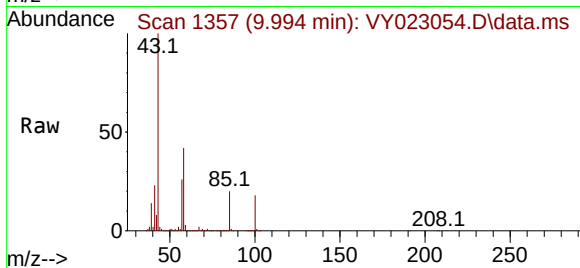
ClientSampleId :

Tgt Ion: 43 Resp: 1669668

Ion Ratio Lower Upper

43 100

58 41.8 33.5 50.3



#52

Toluene

Concen: 100.288 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY023054.D

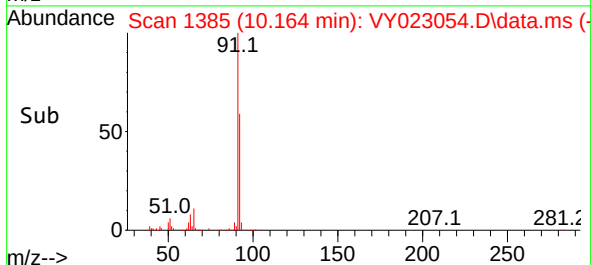
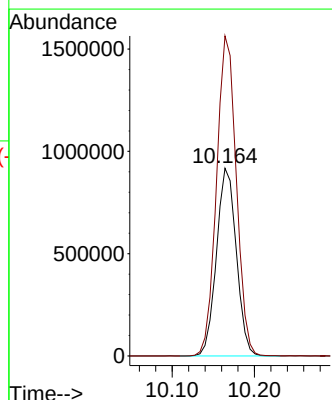
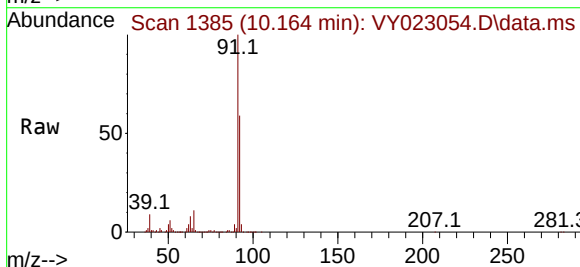
Acq: 12 Aug 2025 16:25

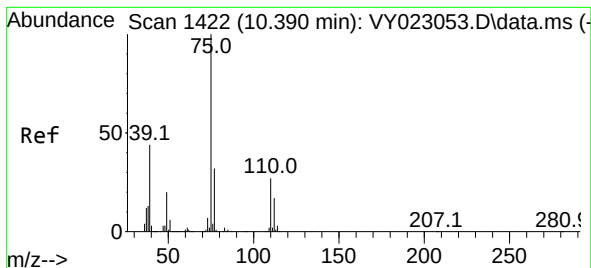
Tgt Ion: 92 Resp: 1537088

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6

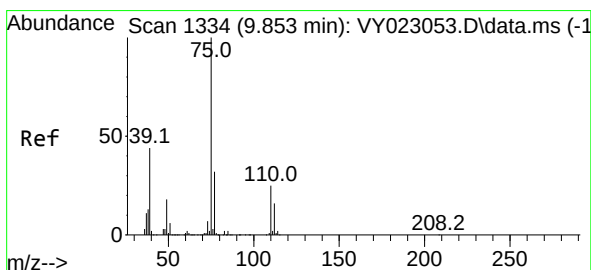
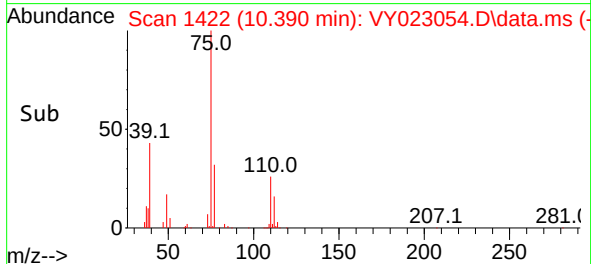
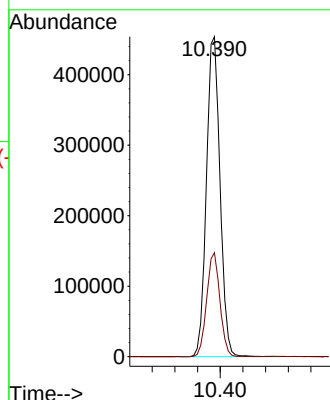
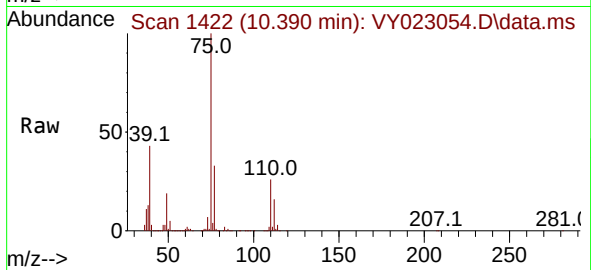




#53
t-1,3-Dichloropropene
Concen: 101.574 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

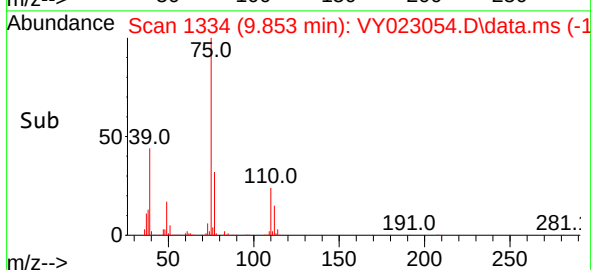
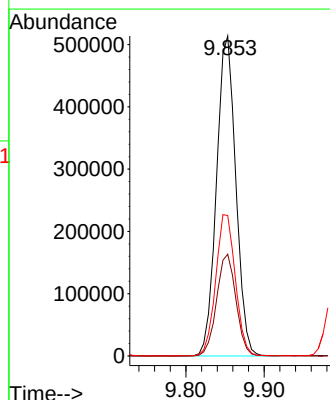
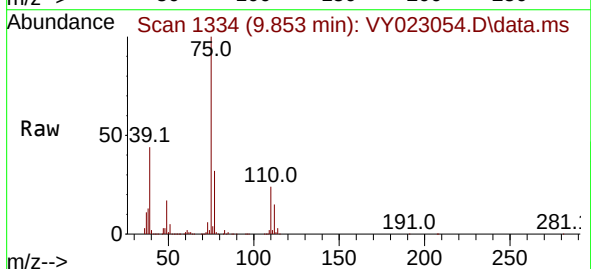
Instrument :
MSVOA_Y
ClientSampleId :

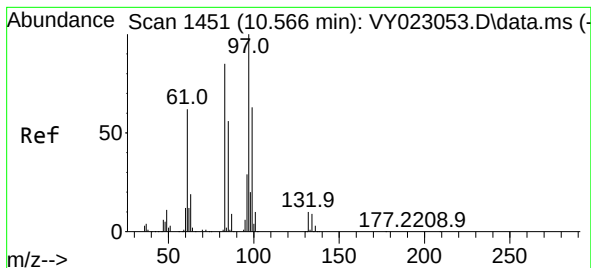
Tgt Ion: 75 Resp: 754278
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 100.281 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

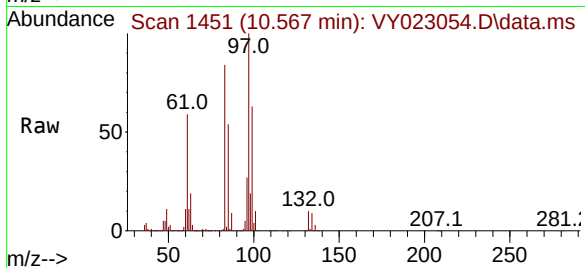
Tgt Ion: 75 Resp: 880571
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 43.9 35.6 53.4





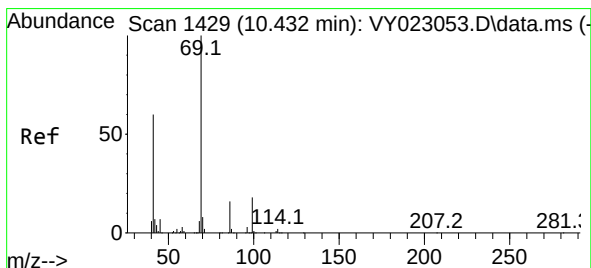
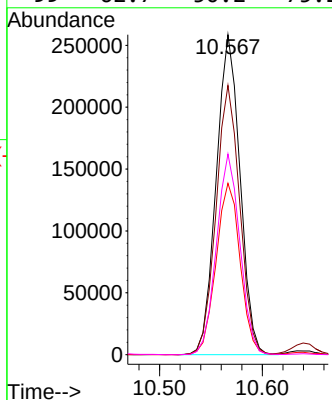
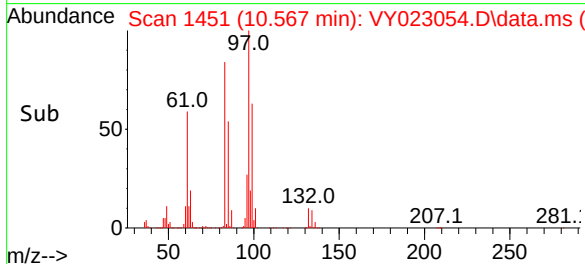
#55
1,1,2-Trichloroethane
Concen: 97.446 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

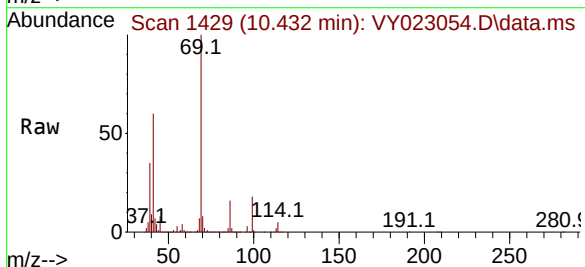


Tgt Ion: 97 Resp: 415556

Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.7	101.5
85	53.5	44.5	66.7
99	62.7	50.2	75.2

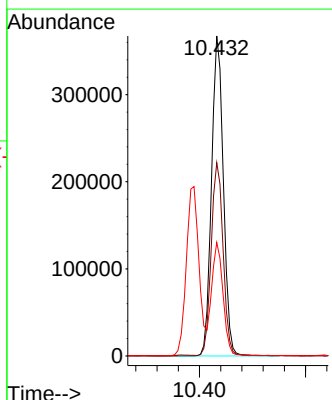
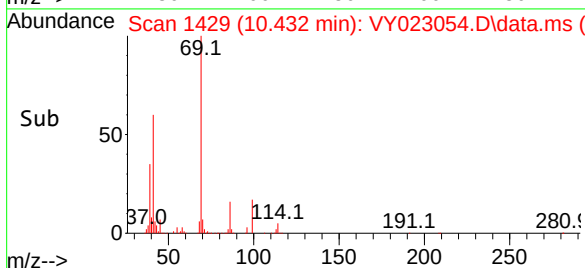


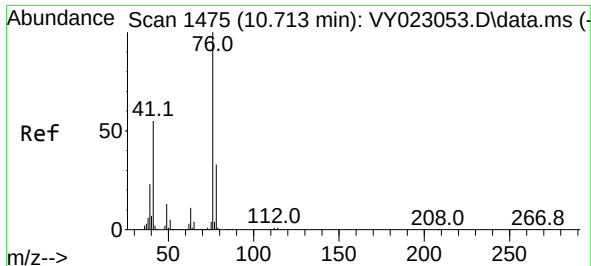
#56
Ethyl methacrylate
Concen: 104.375 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25



Tgt Ion: 69 Resp: 569556

Ion	Ratio	Lower	Upper
69	100		
41	60.4	48.6	72.8
39	33.4	27.0	40.4





#57

1,3-Dichloropropane

Concen: 96.253 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

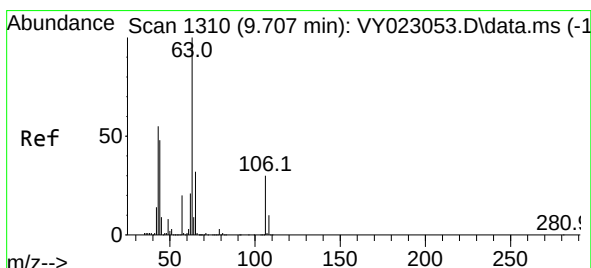
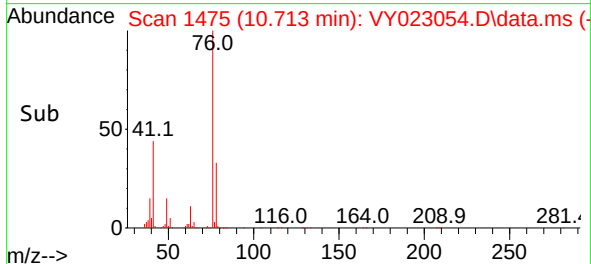
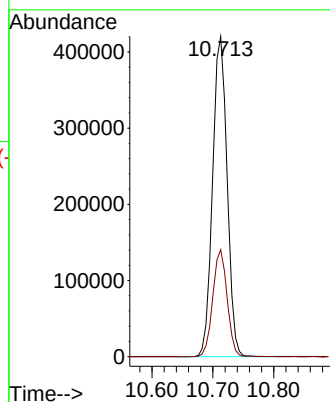
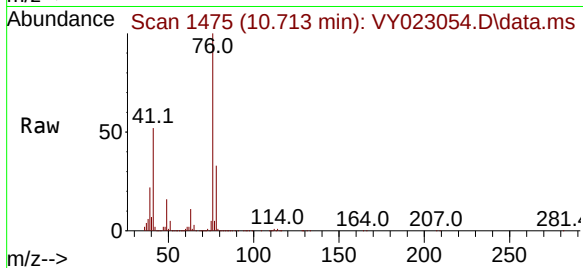
ClientSampleId :

Tgt Ion: 76 Resp: 696130

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 539.957 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023054.D

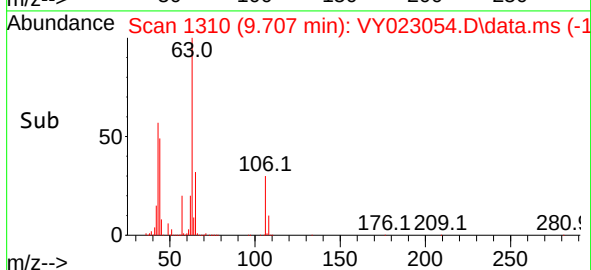
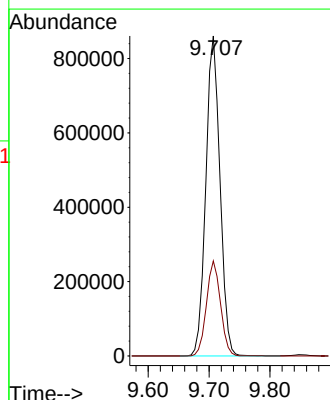
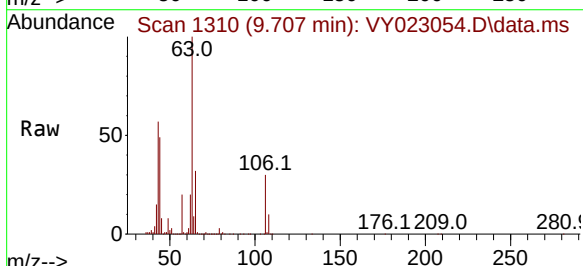
Acq: 12 Aug 2025 16:25

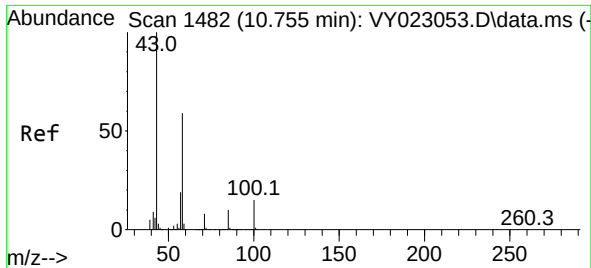
Tgt Ion: 63 Resp: 1389847

Ion Ratio Lower Upper

63 100

106 29.5 23.2 34.8

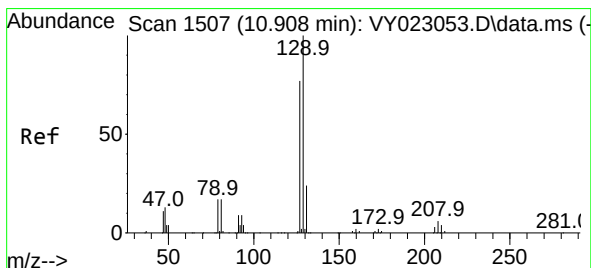
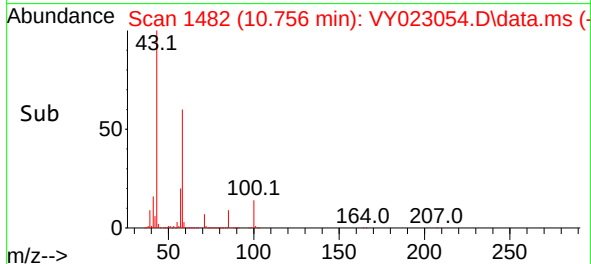
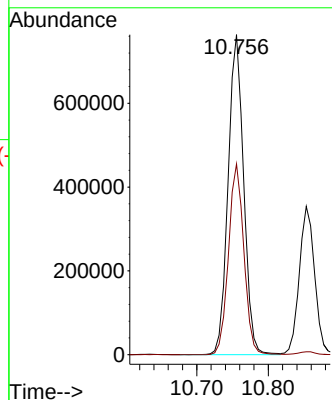
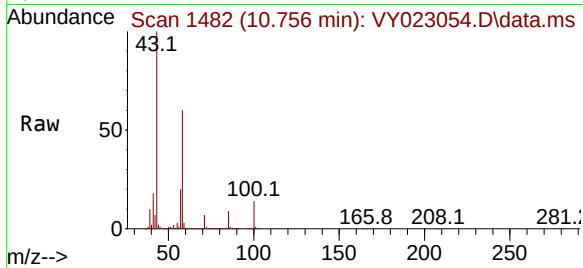




#59
2-Hexanone
Concen: 492.950 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

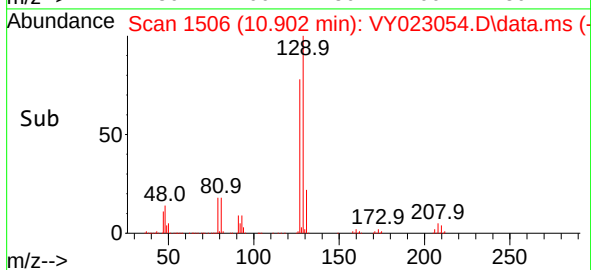
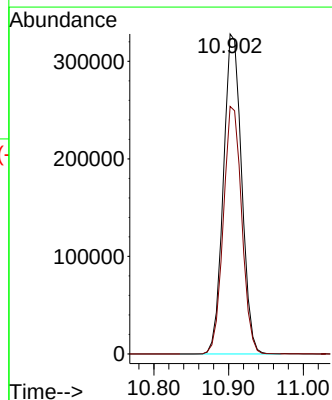
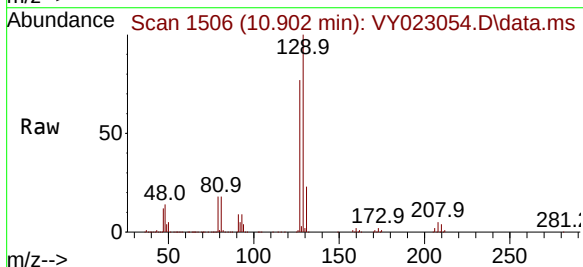
Instrument :
MSVOA_Y
ClientSampleId :

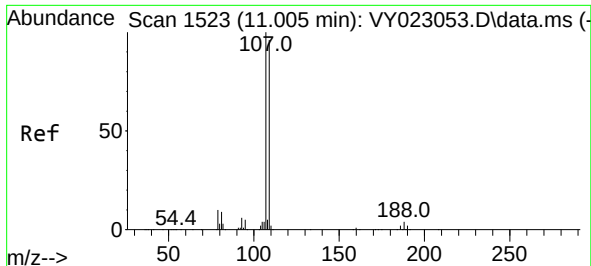
Tgt Ion: 43 Resp: 1151000
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 99.024 ug/l
RT: 10.902 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:129 Resp: 557205
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

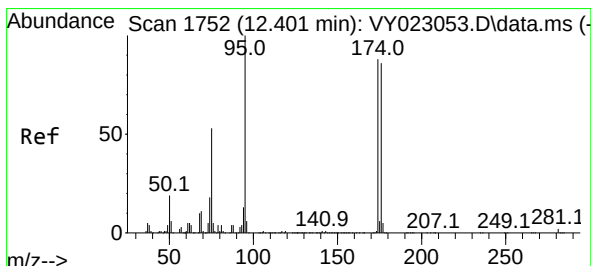
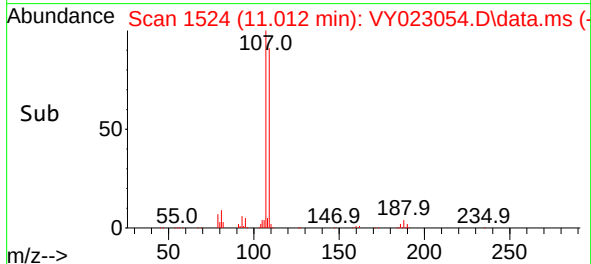
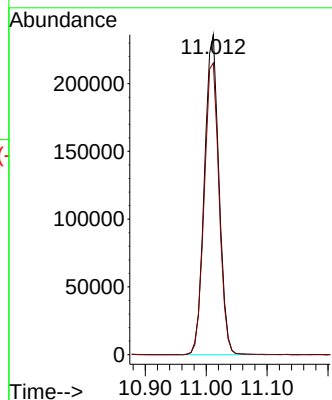
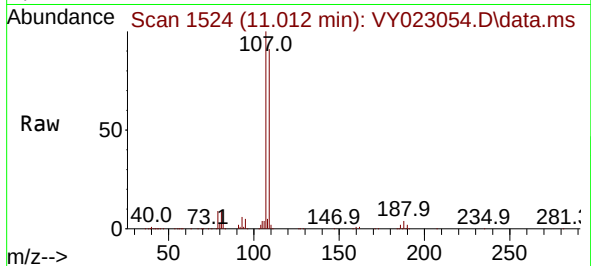




#61
1,2-Dibromoethane
Concen: 97.713 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

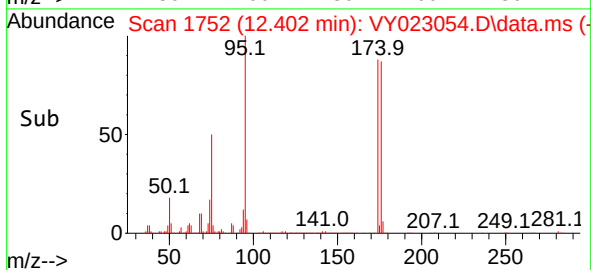
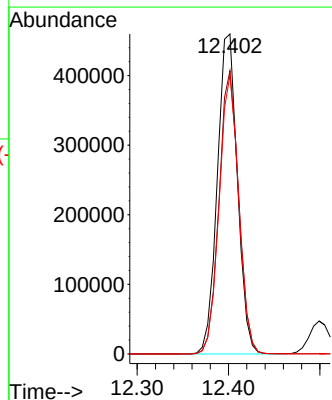
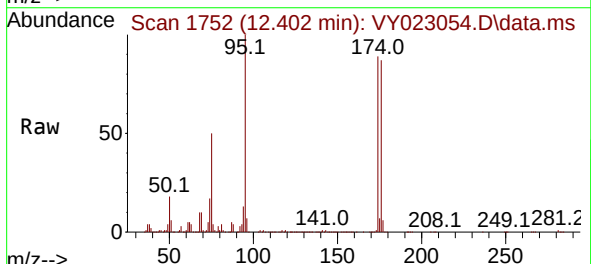
Instrument :
MSVOA_Y
ClientSampleId :

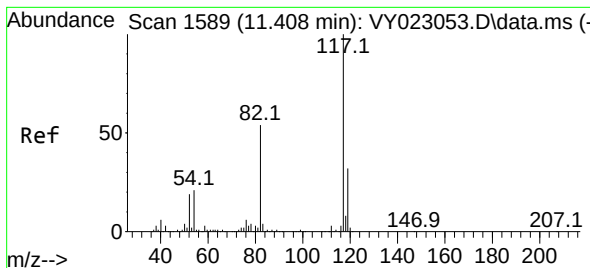
Tgt Ion:107 Resp: 391650
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 106.147 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 95 Resp: 702583
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 84.8 0.0 167.6

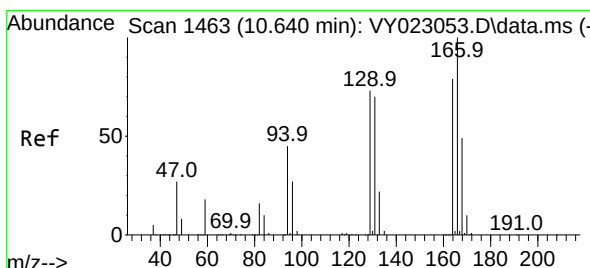
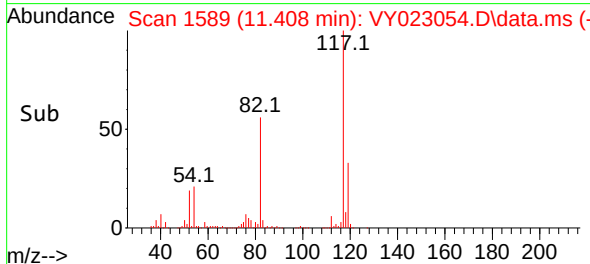
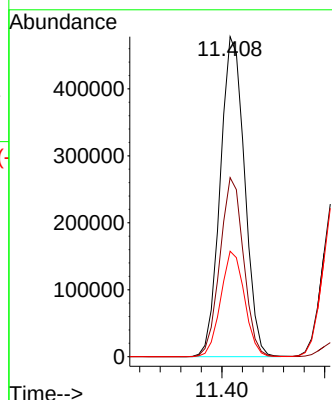
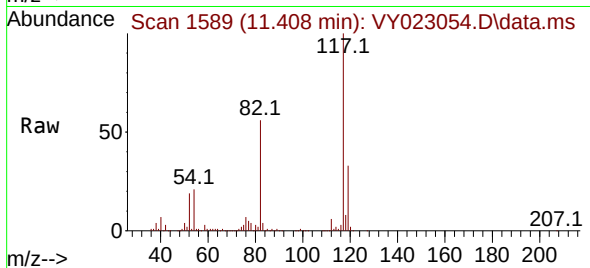




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.408 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

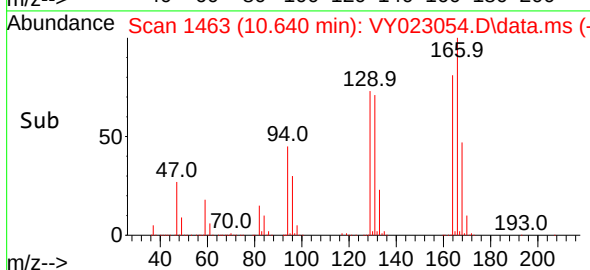
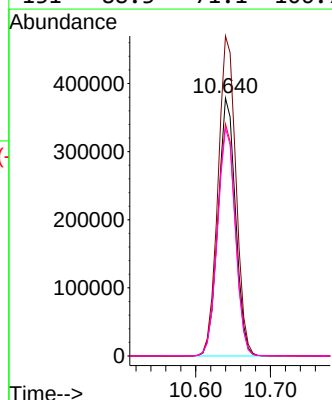
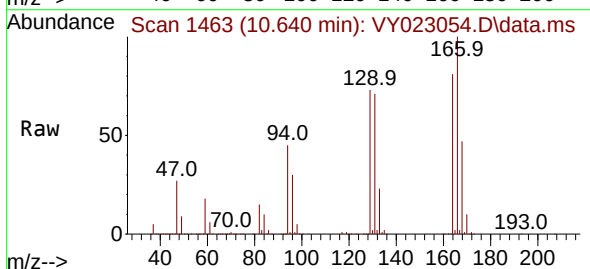
Instrument :
MSVOA_Y
ClientSampleId :

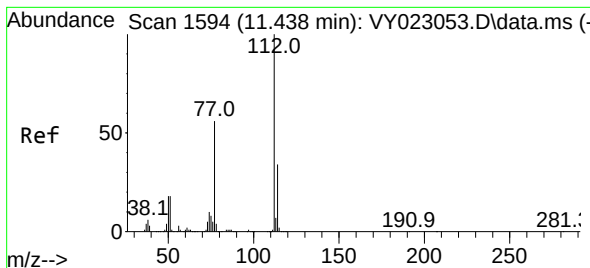
Tgt Ion:117 Resp: 784385
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 87.931 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:164 Resp: 615871
Ion Ratio Lower Upper
164 100
166 124.1 101.1 151.7
129 90.0 74.0 111.0
131 88.3 71.1 106.7





#65

Chlorobenzene

Concen: 98.004 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

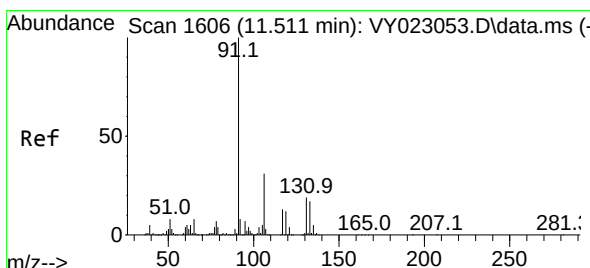
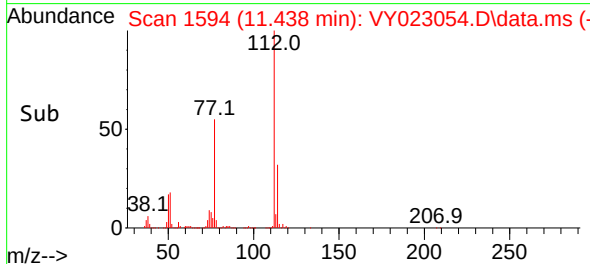
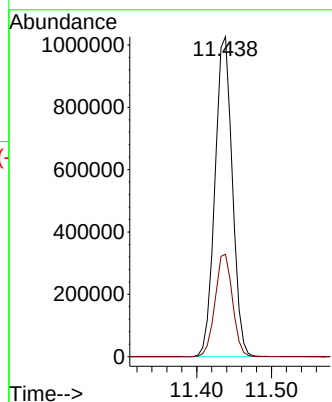
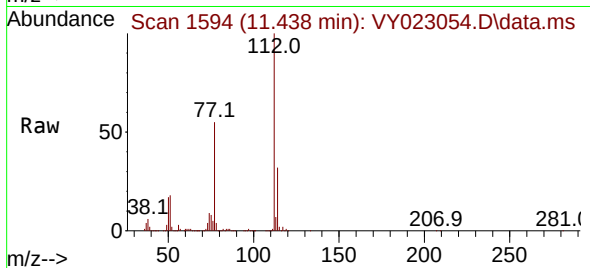
ClientSampleId :

Tgt Ion:112 Resp: 1658154

Ion Ratio Lower Upper

112 100

114 32.0 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 99.810 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

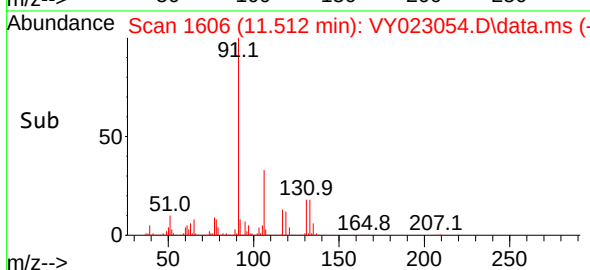
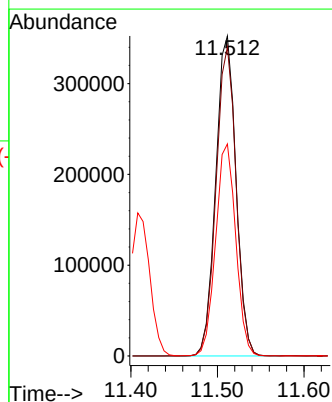
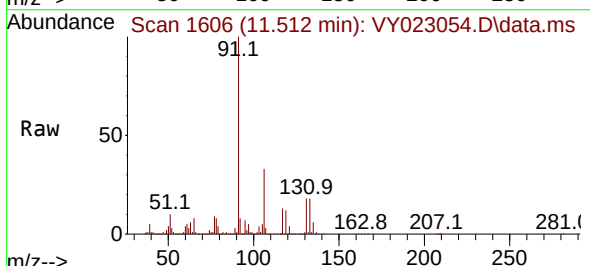
Tgt Ion:131 Resp: 573131

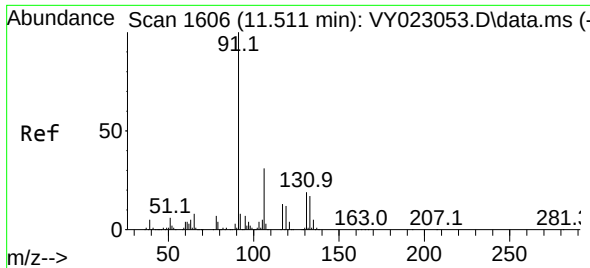
Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.6

119 65.9 33.2 99.6

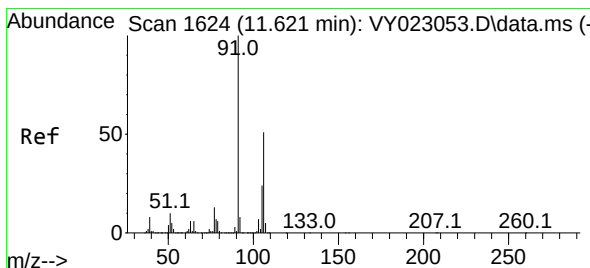
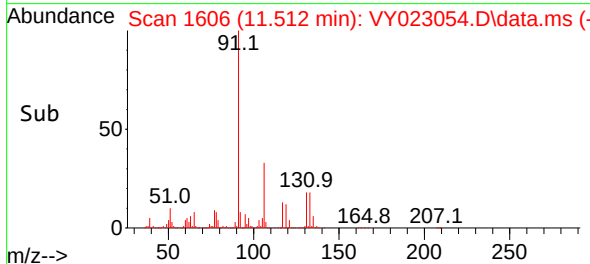
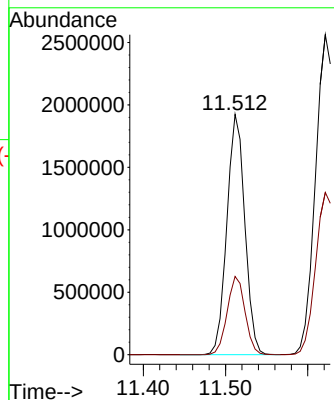
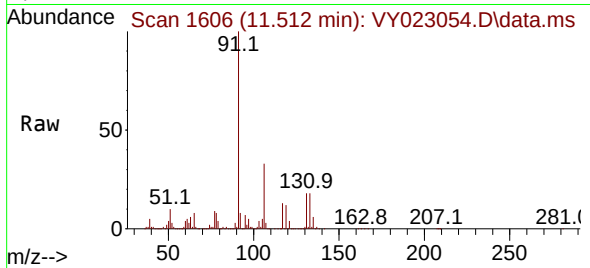




#67
Ethyl Benzene
Concen: 100.082 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

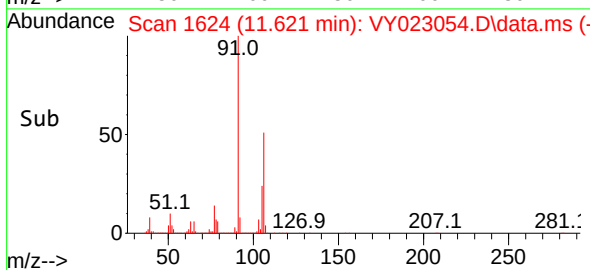
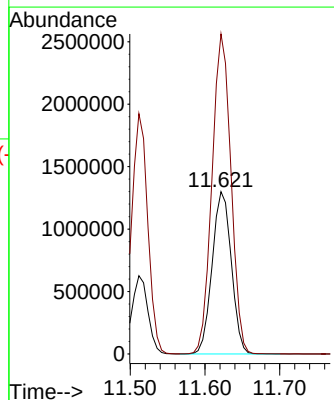
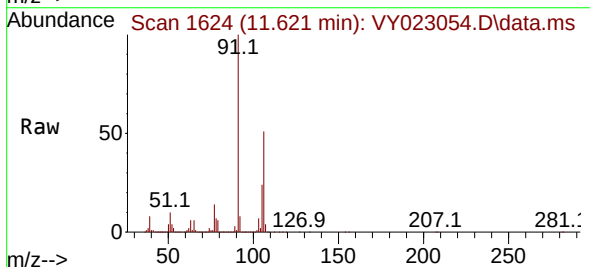
Instrument :
MSVOA_Y
ClientSampleId :

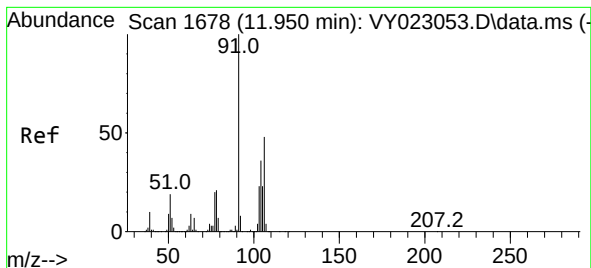
Tgt Ion: 91 Resp: 2914020
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4



#68
m/p-Xylenes
Concen: 203.363 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:106 Resp: 2312597
Ion Ratio Lower Upper
106 100
91 195.1 158.6 238.0

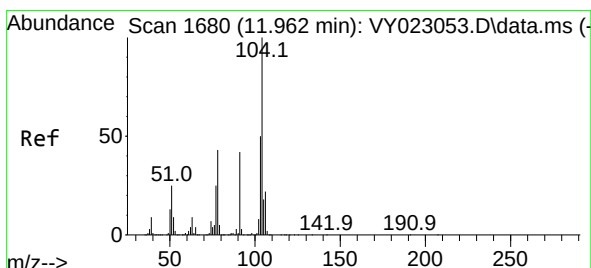
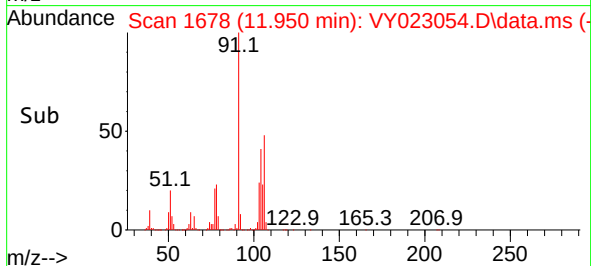
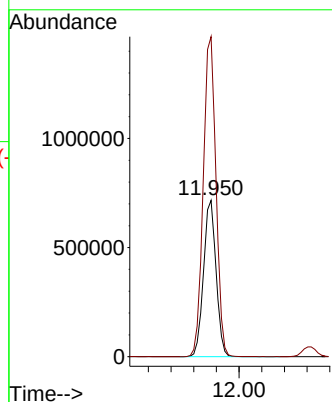
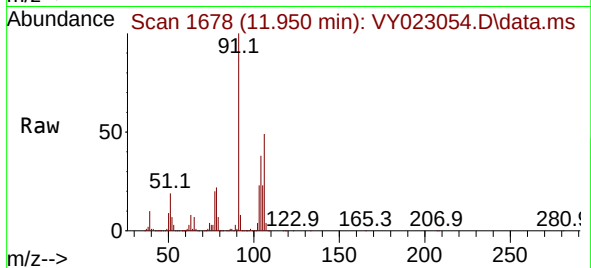




#69
o-Xylene
Concen: 103.373 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

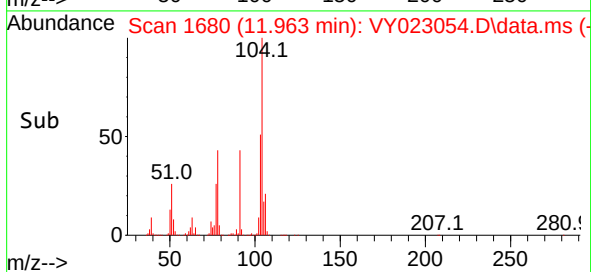
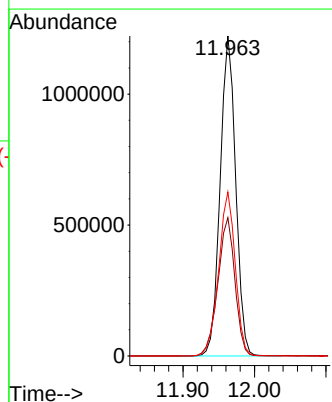
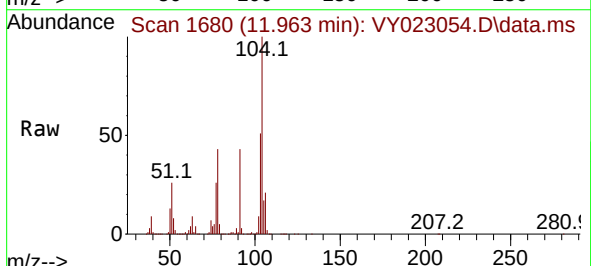
Instrument :
MSVOA_Y
ClientSampleId :

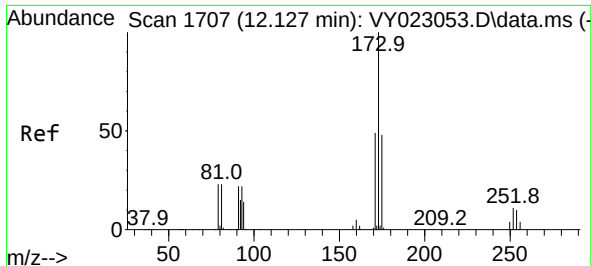
Tgt Ion:106 Resp: 1100998
Ion Ratio Lower Upper
106 100
91 207.5 103.2 309.4



#70
Styrene
Concen: 105.953 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:104 Resp: 1845480
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 54.9 43.7 65.5

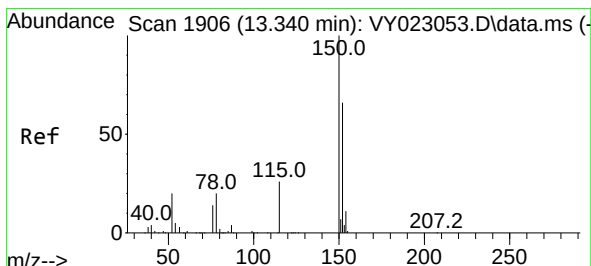
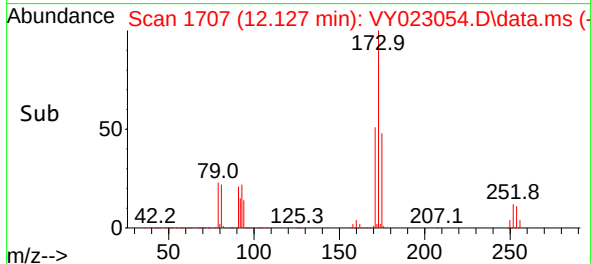
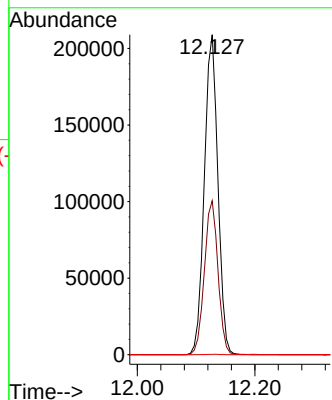
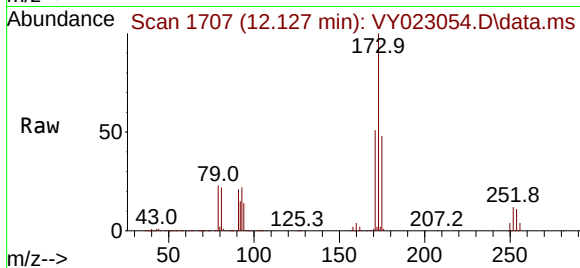




#71
Bromoform
Concen: 99.786 ug/l
RT: 12.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

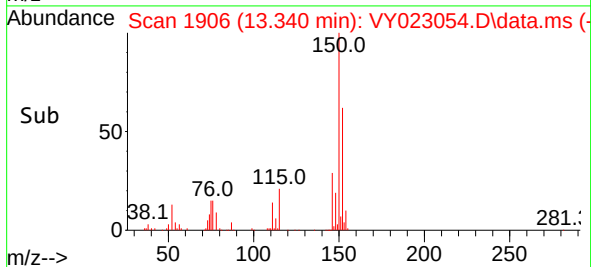
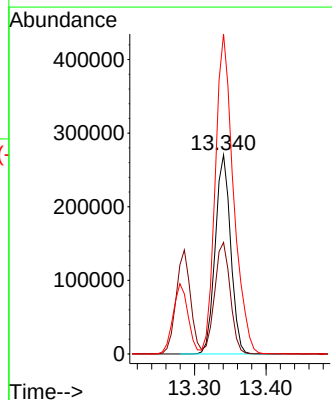
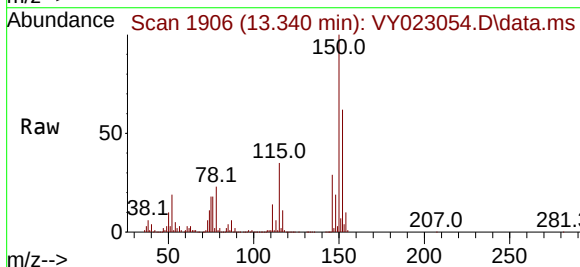
Instrument :
MSVOA_Y
ClientSampleId :

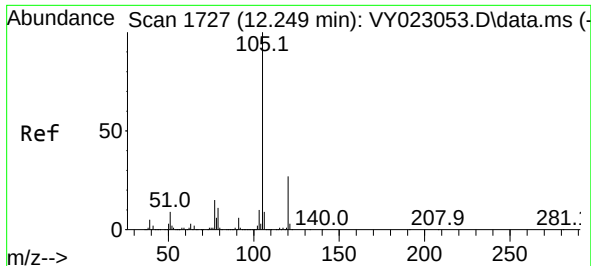
Tgt Ion:173 Resp: 334886
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion:152 Resp: 404136
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.6
150 189.2 0.0 348.0

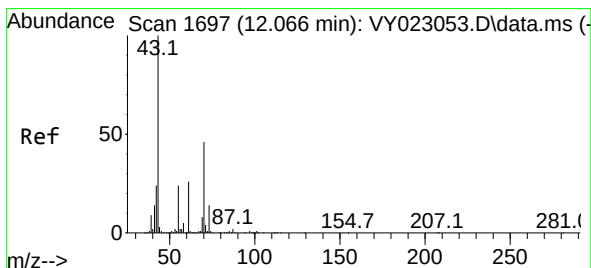
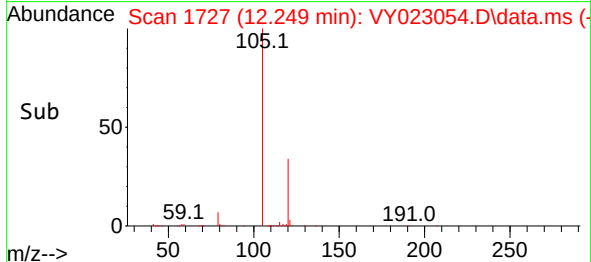
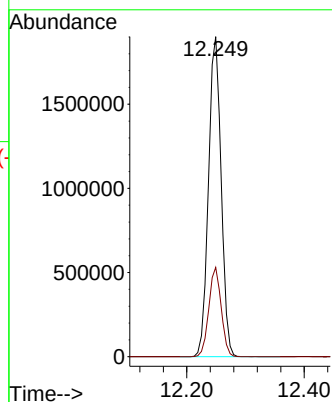
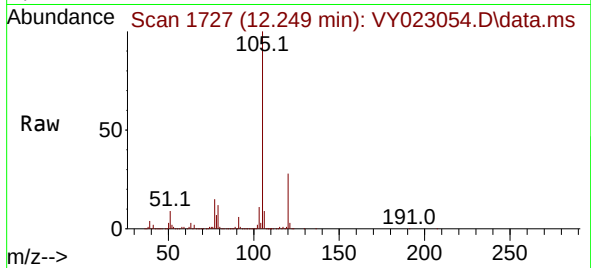




#73
Isopropylbenzene
Concen: 99.567 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

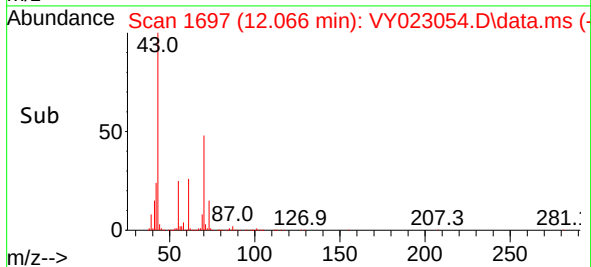
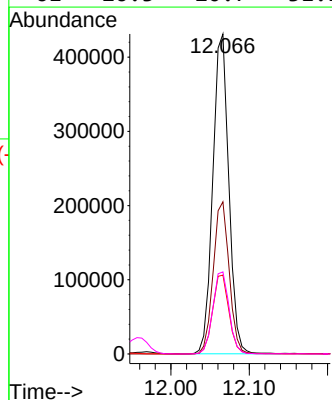
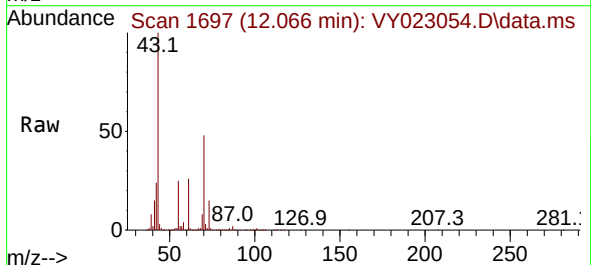
Instrument :
MSVOA_Y
ClientSampleId :

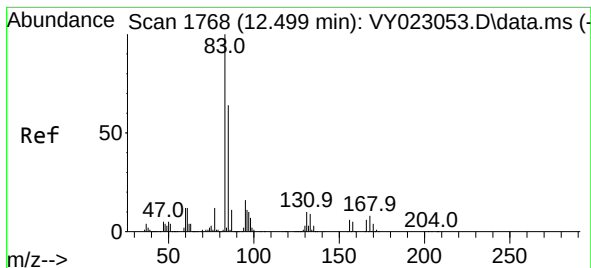
Tgt Ion:105 Resp: 2839999
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 100.955 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 43 Resp: 610668
Ion Ratio Lower Upper
43 100
70 47.8 37.5 56.3
55 25.3 20.7 31.1
61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 96.464 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

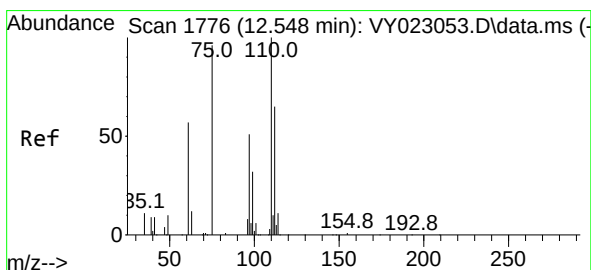
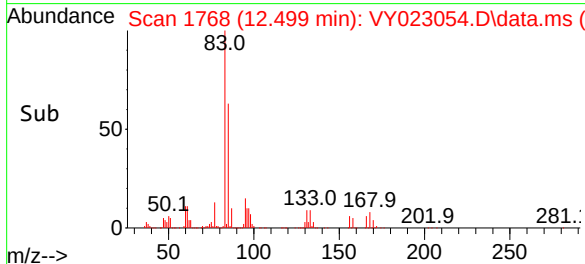
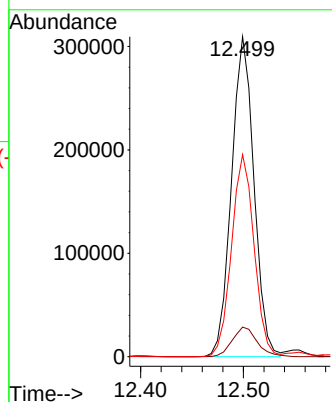
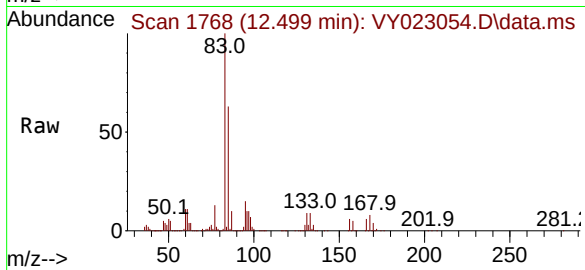
Tgt Ion: 83 Resp: 469810

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 156.388 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VY023054.D

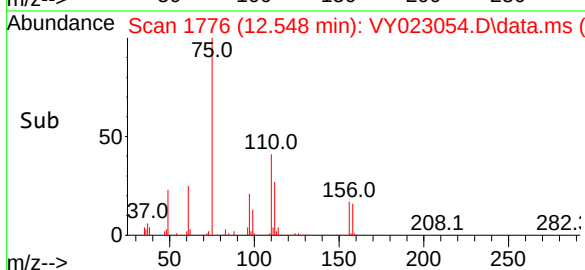
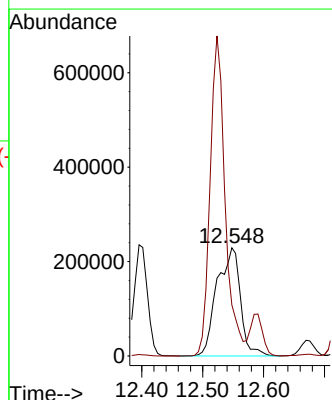
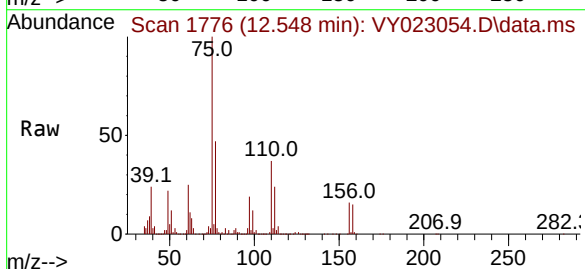
Acq: 12 Aug 2025 16:25

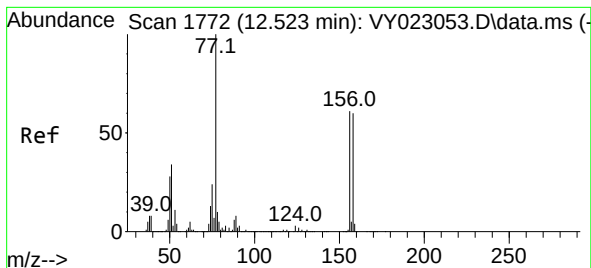
Tgt Ion: 75 Resp: 610364

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.655 ug/l

RT: 12.524 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

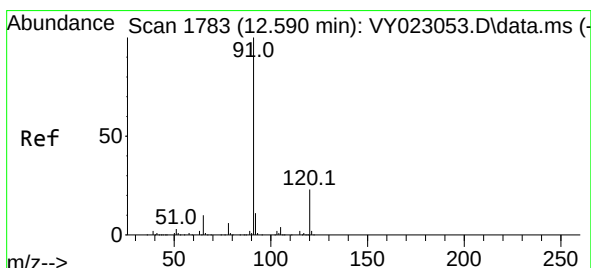
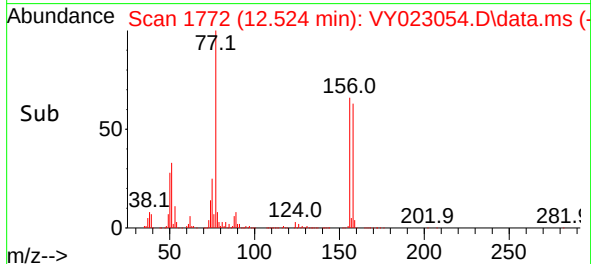
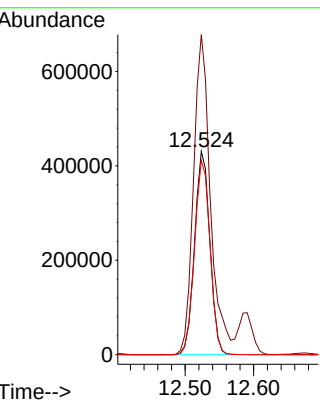
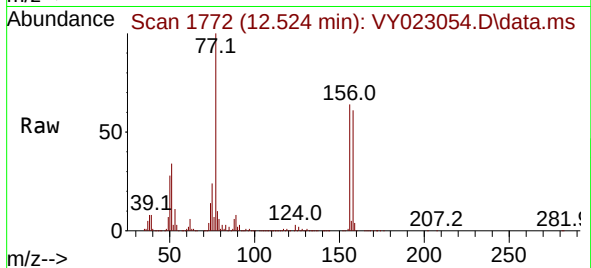
Tgt Ion:156 Resp: 671329

Ion Ratio Lower Upper

156 100

77 172.8 88.1 264.4

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 98.963 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023054.D

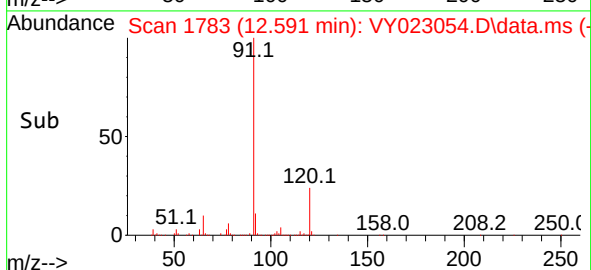
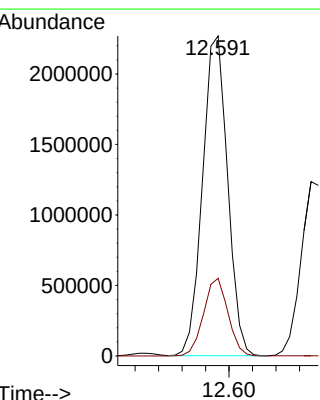
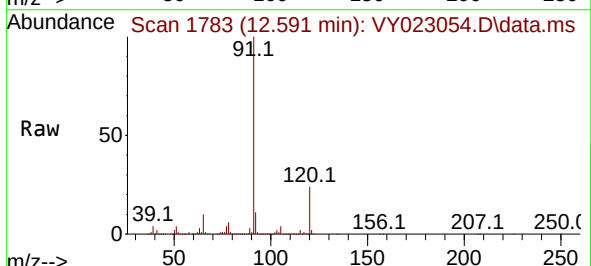
Acq: 12 Aug 2025 16:25

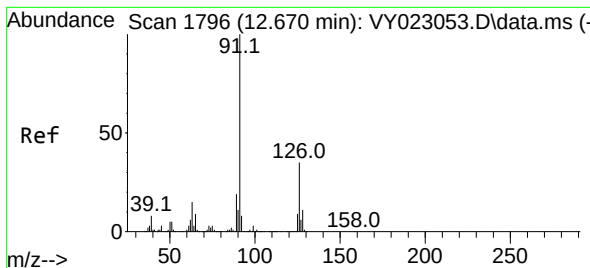
Tgt Ion: 91 Resp: 3360679

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 99.268 ug/l

RT: 12.670 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

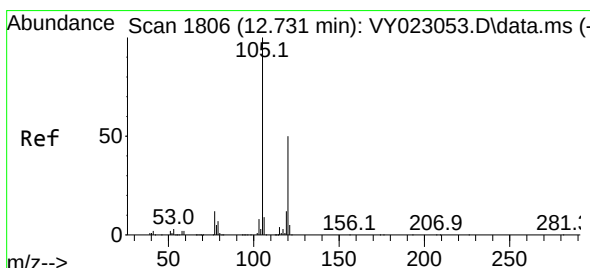
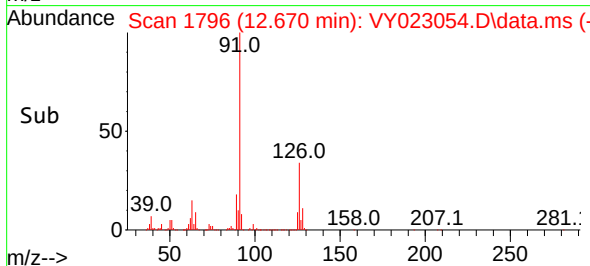
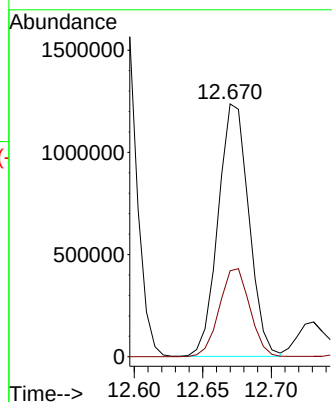
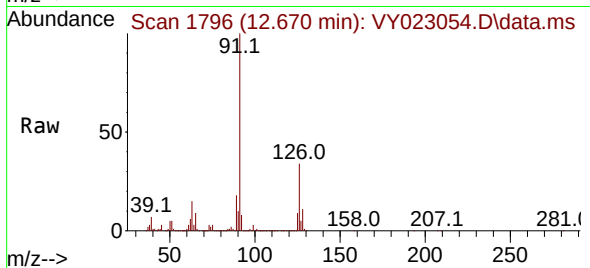
ClientSampleId :

Tgt Ion: 91 Resp: 1931460

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 100.707 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY023054.D

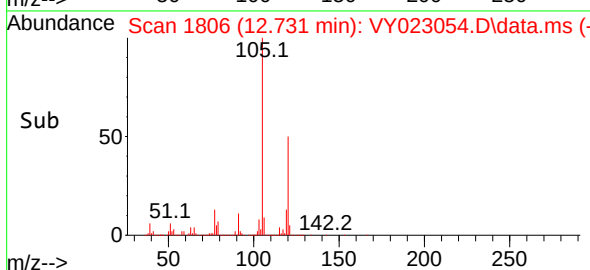
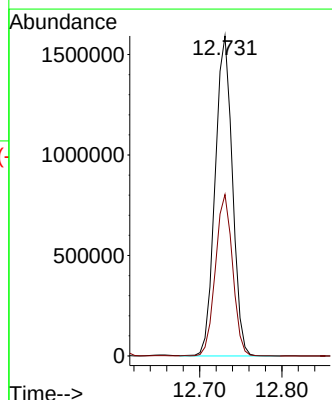
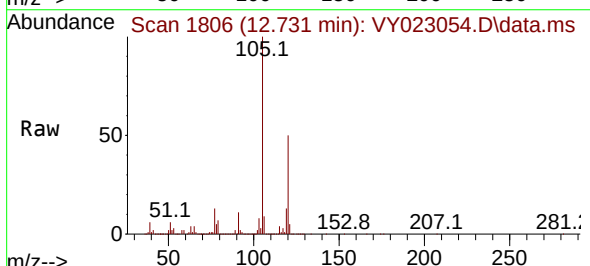
Acq: 12 Aug 2025 16:25

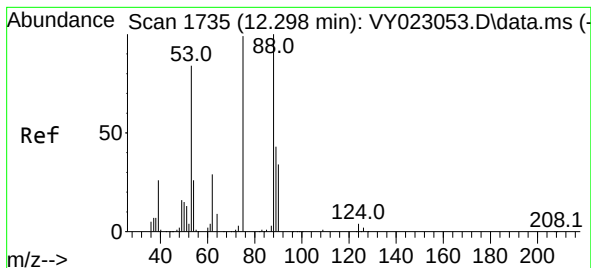
Tgt Ion: 105 Resp: 2321527

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4

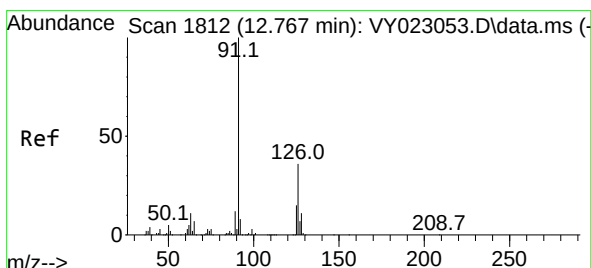
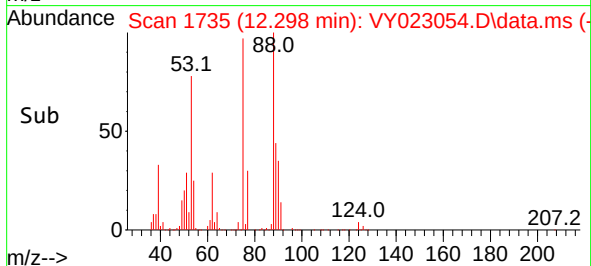
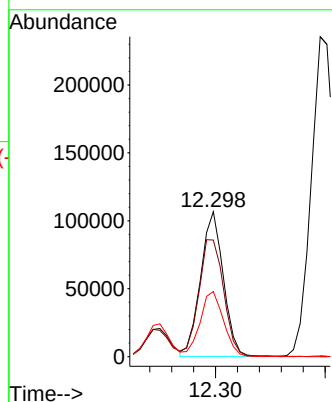
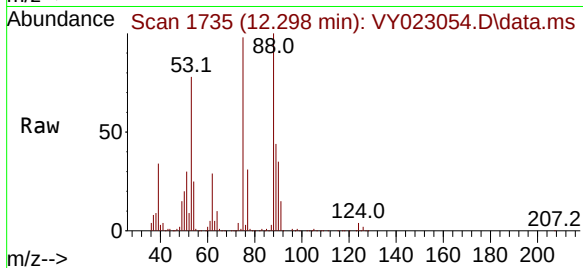




#81
trans-1,4-Dichloro-2-butene
Concen: 95.118 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

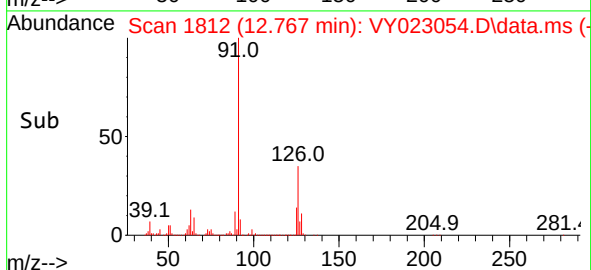
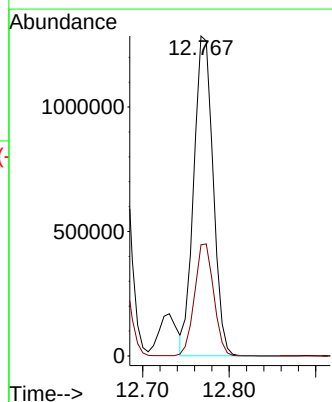
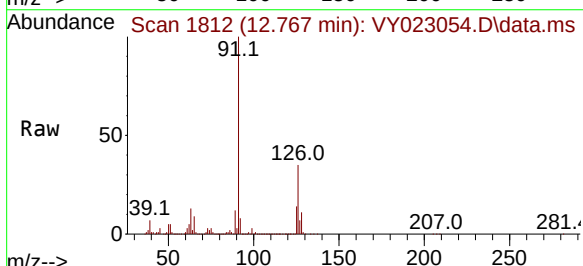
Instrument :
MSVOA_Y
ClientSampleId :

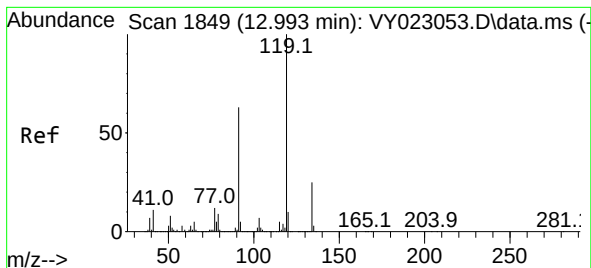
Tgt Ion: 75 Resp: 153260
Ion Ratio Lower Upper
75 100
53 88.4 70.8 106.2
89 47.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 98.519 ug/l
RT: 12.767 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY023054.D
Acq: 12 Aug 2025 16:25

Tgt Ion: 91 Resp: 1988544
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

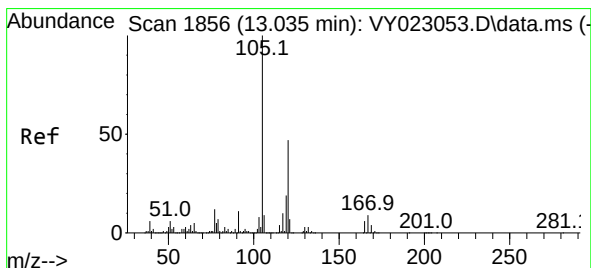
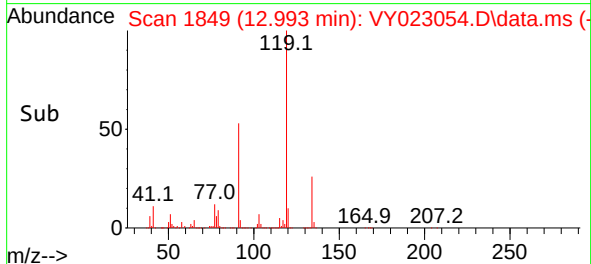
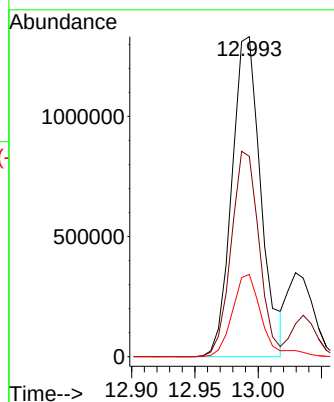
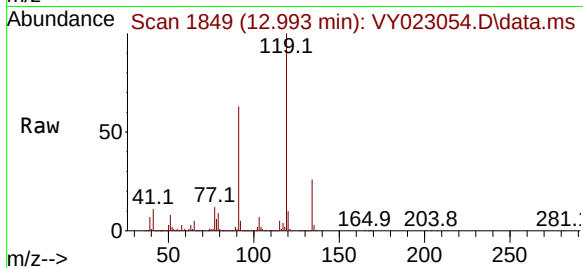




#83
 tert-Butylbenzene
 Concen: 102.102 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

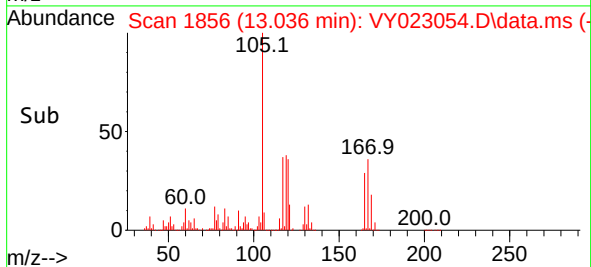
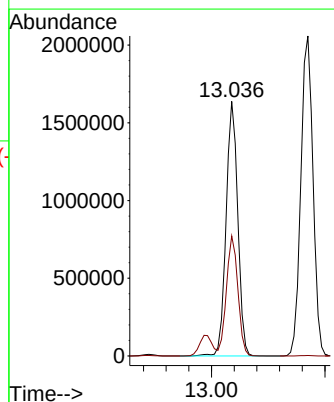
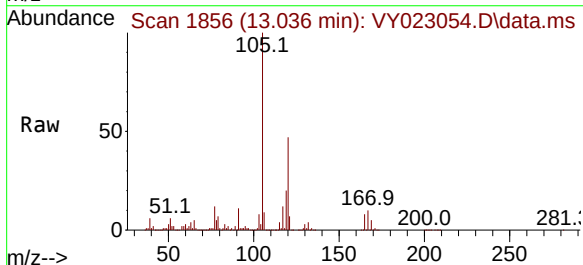
Instrument :
 MSVOA_Y
 ClientSampleId :

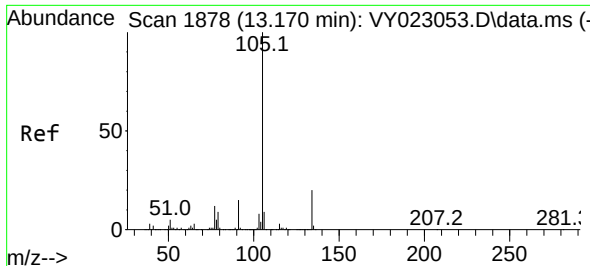
Tgt Ion:119 Resp: 2125785
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.6 94.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 101.946 ug/l
 RT: 13.036 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

Tgt Ion:105 Resp: 2339432
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

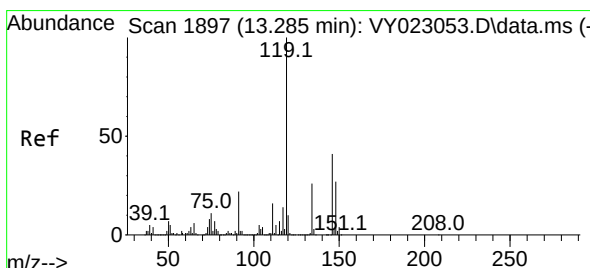
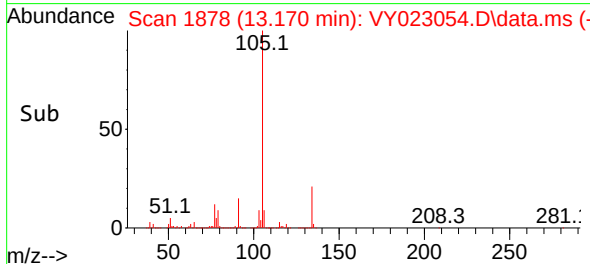
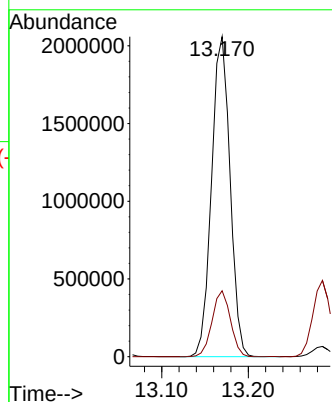
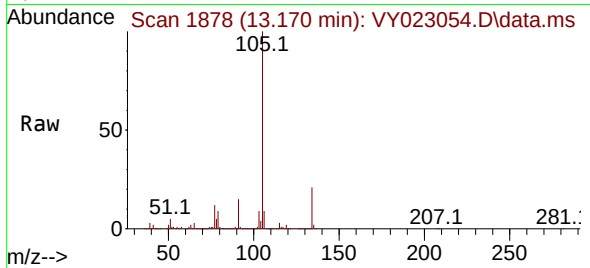




#85
 sec-Butylbenzene
 Concen: 99.932 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

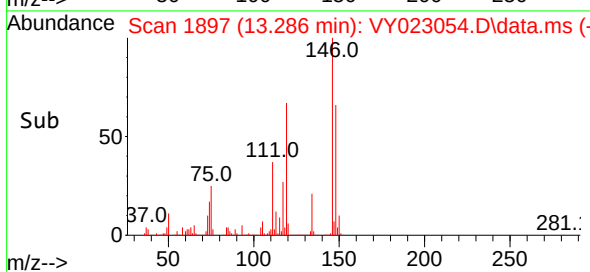
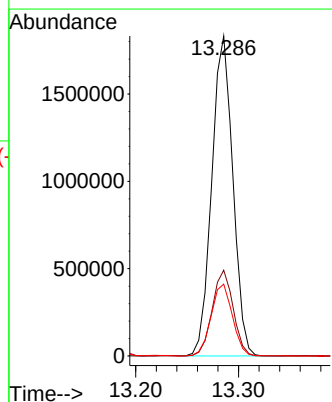
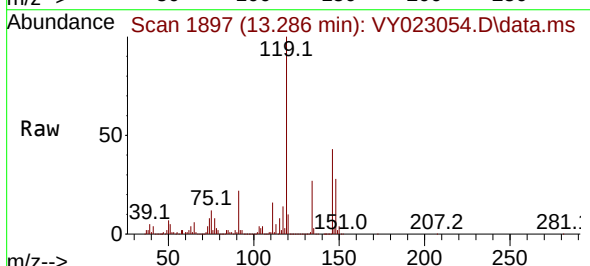
Instrument :
 MSVOA_Y
 ClientSampleId :

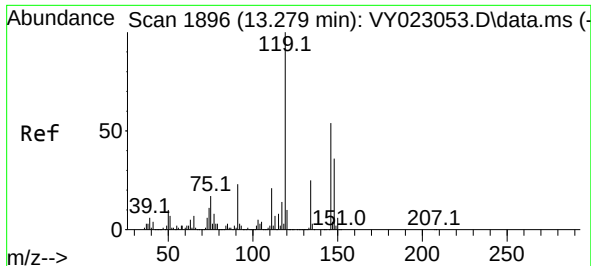
Tgt Ion:105 Resp: 3056373
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 102.846 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023054.D
 Acq: 12 Aug 2025 16:25

Tgt Ion:119 Resp: 2610936
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 99.748 ug/l

RT: 13.280 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

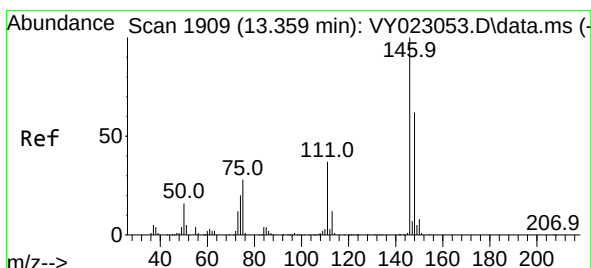
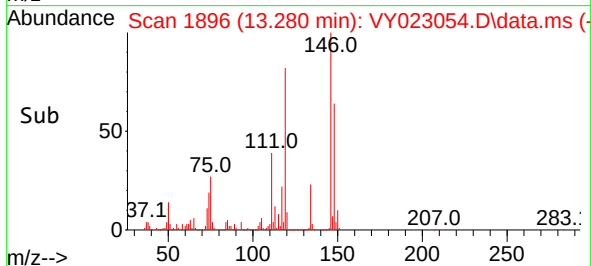
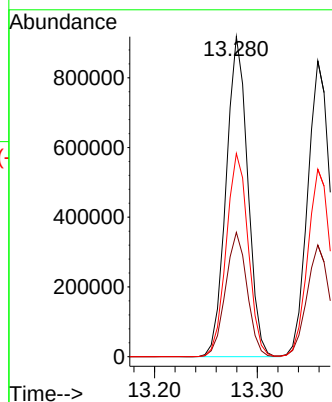
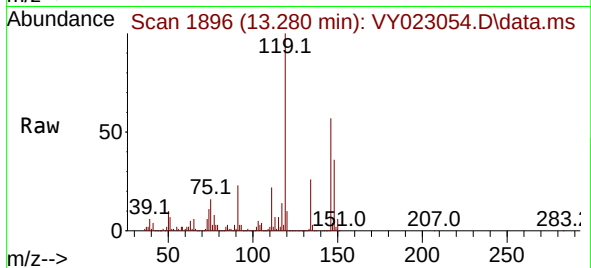
Tgt Ion:146 Resp: 1338547

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.7

148 64.5 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 96.970 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

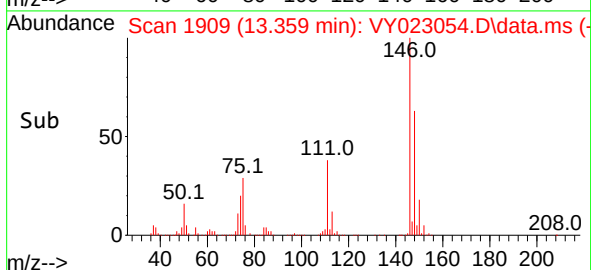
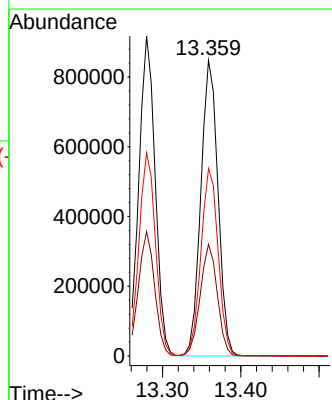
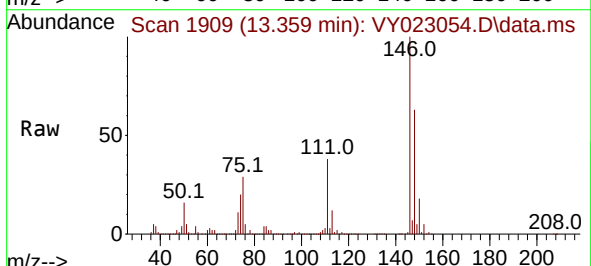
Tgt Ion:146 Resp: 1290840

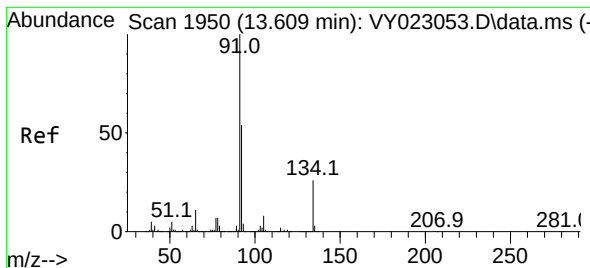
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 101.675 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

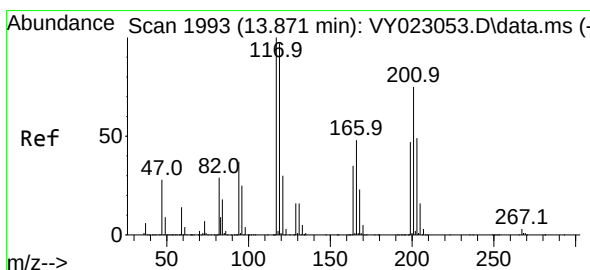
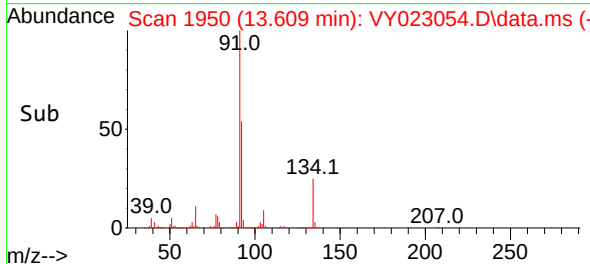
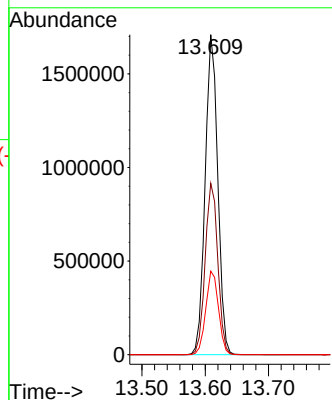
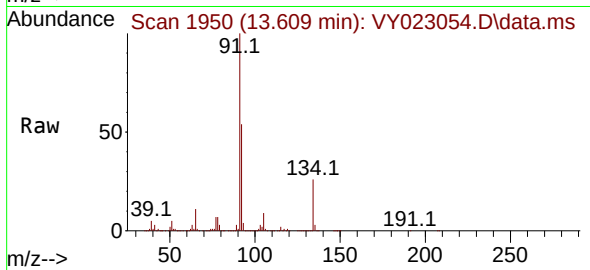
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 2370706

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	26.4	13.2	39.5



#90

Hexachloroethane

Concen: 98.308 ug/l

RT: 13.871 min Scan# 1993

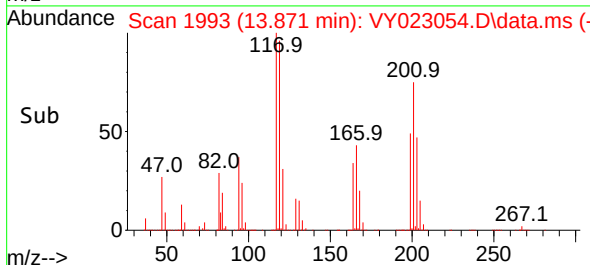
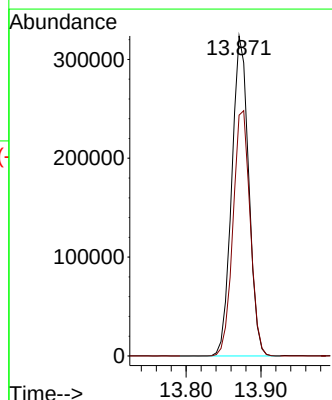
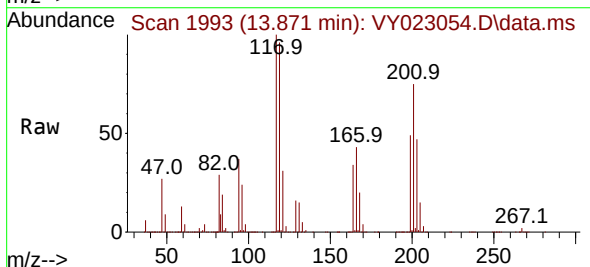
Delta R.T. 0.000 min

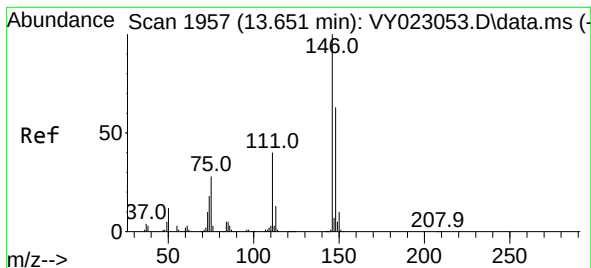
Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Tgt Ion: 117 Resp: 510900

Ion	Ratio	Lower	Upper
117	100		
201	77.6	38.4	115.1





#91

1,2-Dichlorobenzene

Concen: 98.749 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

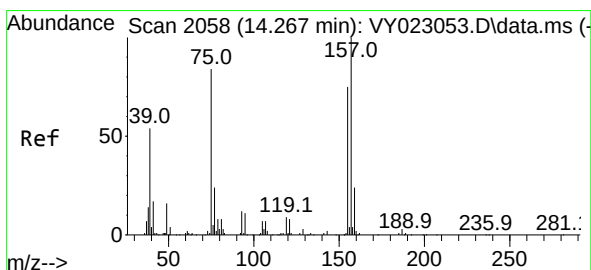
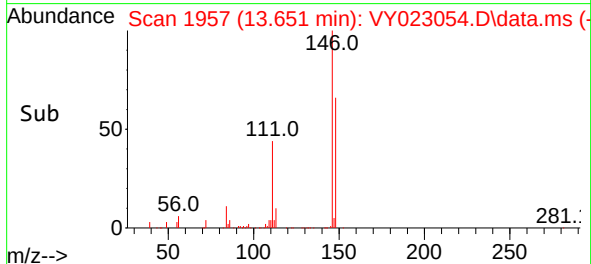
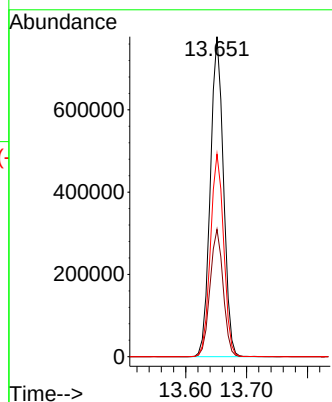
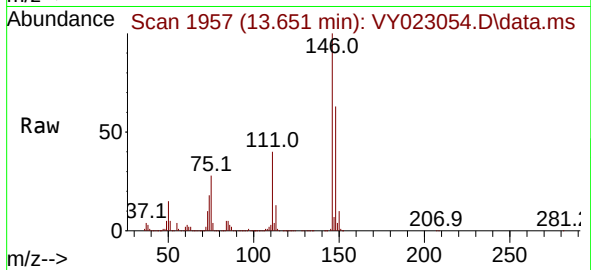
Tgt Ion:146 Resp: 1162152

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

148 63.9 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.965 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

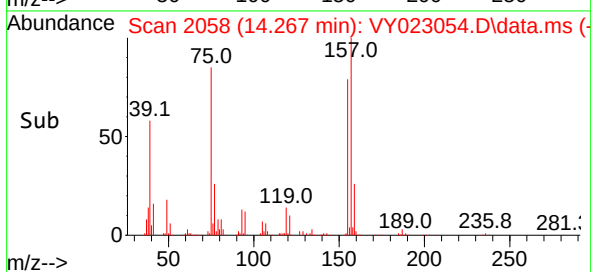
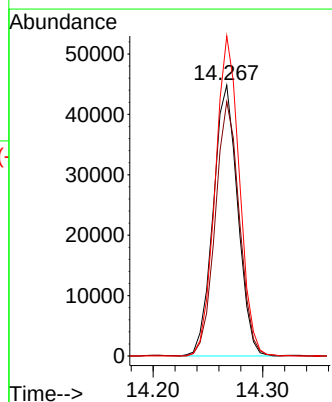
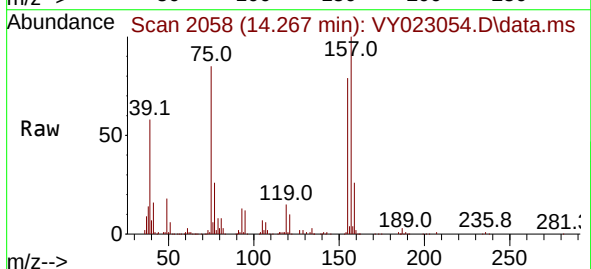
Tgt Ion: 75 Resp: 69736

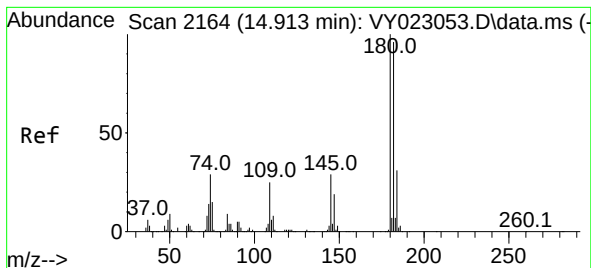
Ion Ratio Lower Upper

75 100

155 92.1 43.9 131.6

157 116.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 99.460 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

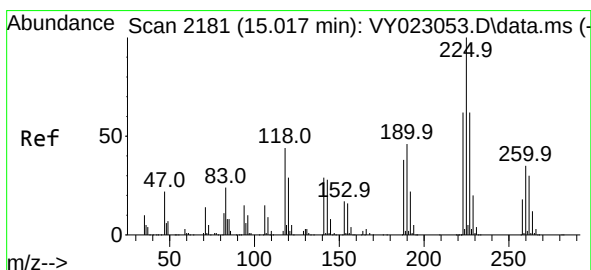
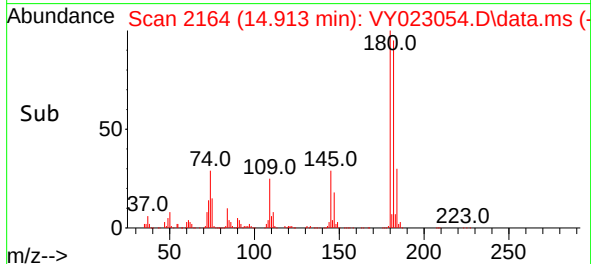
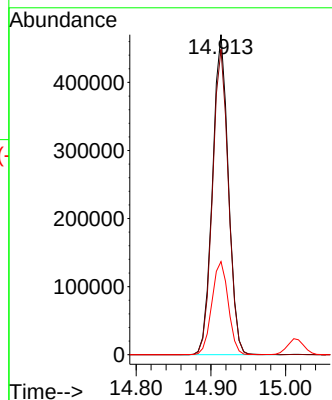
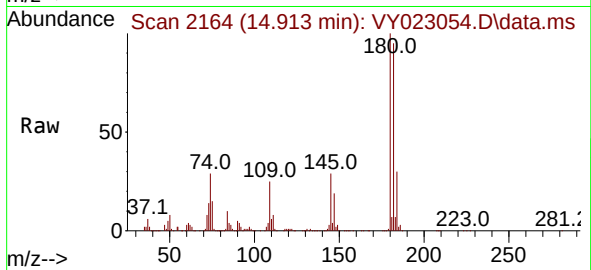
Tgt Ion:180 Resp: 692201

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 30.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 94.803 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

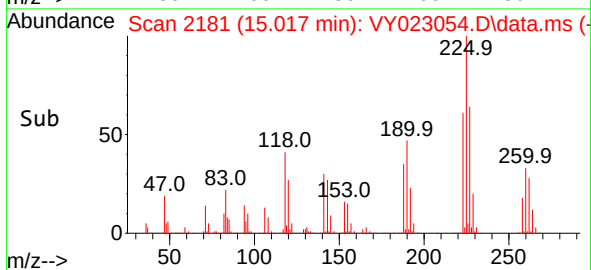
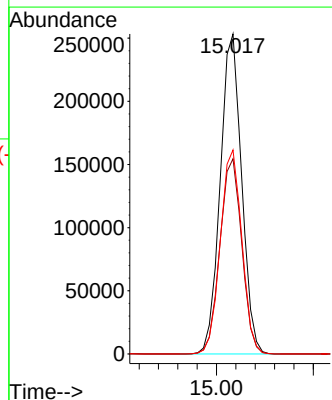
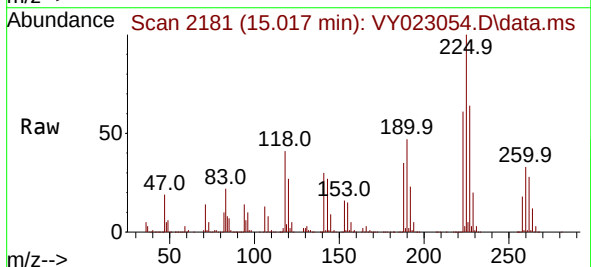
Tgt Ion:225 Resp: 387707

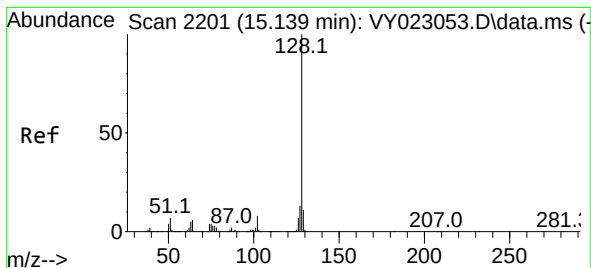
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

227 64.2 31.5 94.5





#95

Naphthalene

Concen: 102.147 ug/l

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

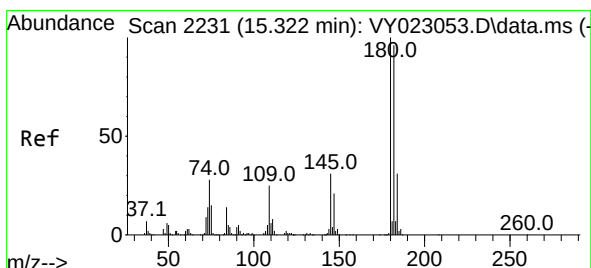
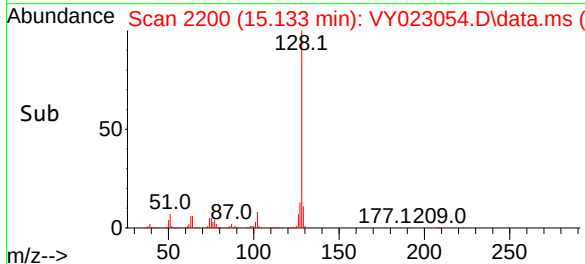
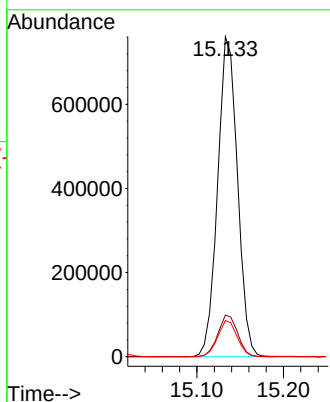
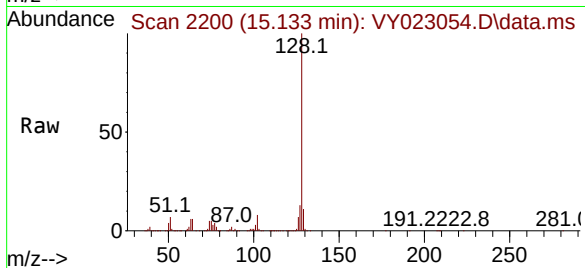
Tgt Ion:128 Resp: 1212227

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 98.046 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023054.D

Acq: 12 Aug 2025 16:25

Tgt Ion:180 Resp: 587990

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 31.2 15.9 47.7

