

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023278.D
 Acq On : 04 Sep 2025 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 05 04:21:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	483459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	713989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	643958	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	332706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	217560	47.217	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.440%
35) Dibromofluoromethane	7.640	113	233698	54.701	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.109	98	873119	52.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.408	95	284561	53.016	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	161097	40.823	ug/l	99
3) Chloromethane	2.074	50	262568	41.080	ug/l	99
4) Vinyl Chloride	2.208	62	342795	43.386	ug/l	98
5) Bromomethane	2.598	94	270707	45.877	ug/l	97
6) Chloroethane	2.739	64	244115	46.473	ug/l	98
7) Trichlorofluoromethane	3.056	101	452038	47.052	ug/l	99
8) Diethyl Ether	3.458	74	124371	48.931	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	243594	51.394	ug/l	97
10) Methyl Iodide	4.007	142	292770	57.243	ug/l	99
11) Tert butyl alcohol	4.860	59	91890	291.054	ug/l	100
12) 1,1-Dichloroethene	3.793	96	229852	49.337	ug/l	91
13) Acrolein	3.659	56	16523	35.736	ug/l	97
14) Allyl chloride	4.391	41	303151	44.222	ug/l	97
15) Acrylonitrile	5.061	53	258176	249.844	ug/l	99
16) Acetone	3.873	43	299716	300.247	ug/l	99
17) Carbon Disulfide	4.110	76	675291	44.454	ug/l	99
18) Methyl Acetate	4.391	43	154926	52.154	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	595291	49.310	ug/l	100
20) Methylene Chloride	4.616	84	270314	52.234	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	267495	51.092	ug/l	94
22) Diisopropyl ether	6.025	45	711056	47.734	ug/l	98
23) Vinyl Acetate	5.964	43	1933715	234.762	ug/l	97
24) 1,1-Dichloroethane	5.921	63	453602	49.806	ug/l	99
25) 2-Butanone	6.896	43	352464	259.616	ug/l	96
26) 2,2-Dichloropropane	6.890	77	404719	51.500	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	310726	51.338	ug/l	95
28) Bromochloromethane	7.250	49	173514	48.021	ug/l	89
29) Tetrahydrofuran	7.262	42	203820	242.198	ug/l	95
30) Chloroform	7.421	83	489829	52.150	ug/l	99
31) Cyclohexane	7.707	56	365886	42.632	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	427235	51.263	ug/l	99
36) 1,1-Dichloropropene	7.835	75	334996	52.762	ug/l	97
37) Ethyl Acetate	6.988	43	140770	52.780	ug/l	99
38) Carbon Tetrachloride	7.823	117	390218	56.585	ug/l	98
39) Methylcyclohexane	9.109	83	425867	50.934	ug/l	98
40) Benzene	8.085	78	1061475	54.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	68264	44.349	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	272565	53.554	ug/l	100
43) Isopropyl Acetate	8.201	43	269795	50.048	ug/l #	83
44) Trichloroethene	8.866	130	287850	56.920	ug/l	100
45) 1,2-Dichloropropane	9.140	63	242878	53.941	ug/l	99
46) Dibromomethane	9.231	93	148164	57.330	ug/l	97
47) Bromodichloromethane	9.426	83	374082	56.253	ug/l	98
48) Methyl methacrylate	9.225	41	131907	51.135	ug/l	94
49) 1,4-Dioxane	9.231	88	33462	1104.254	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	750860	270.028	ug/l	98
52) Toluene	10.170	92	688223	55.373	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	329529	54.722	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	386812	54.322	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	200410	57.952	ug/l	99
56) Ethyl methacrylate	10.438	69	243081	54.932	ug/l	96
57) 1,3-Dichloropropane	10.719	76	324148	55.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	517217	247.791	ug/l	96
59) 2-Hexanone	10.762	43	535953	283.057	ug/l	98
60) Dibromochloromethane	10.914	129	274099	60.069	ug/l	100
61) 1,2-Dibromoethane	11.018	107	190399	58.579	ug/l	99
64) Tetrachloroethene	10.646	164	337069	58.619	ug/l	99
65) Chlorobenzene	11.444	112	767280	55.239	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	270985	57.483	ug/l	98
67) Ethyl Benzene	11.518	91	1298180	54.309	ug/l	98
68) m/p-Xylenes	11.627	106	1036399	111.012	ug/l	96
69) o-Xylene	11.956	106	485868	55.566	ug/l	98
70) Styrene	11.969	104	822156	57.495	ug/l	98
71) Bromoform	12.133	173	167005	60.614	ug/l	99
73) Isopropylbenzene	12.255	105	1257024	53.531	ug/l	99
74) N-amyl acetate	12.072	43	241285	48.453	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	212596	53.023	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	284174	88.501	ug/l #	100
77) Bromobenzene	12.530	156	311079	55.529	ug/l	95
78) n-propylbenzene	12.597	91	1488773	53.252	ug/l	98
79) 2-Chlorotoluene	12.682	91	847253	52.893	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1028627	54.201	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	69895	52.692	ug/l	96
82) 4-Chlorotoluene	12.779	91	877073	52.782	ug/l	97
83) tert-Butylbenzene	12.999	119	921802	53.780	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1030922	54.570	ug/l	99
85) sec-Butylbenzene	13.176	105	1361057	54.056	ug/l	99
86) p-Isopropyltoluene	13.292	119	1164385	55.713	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	617460	55.892	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	602995	55.023	ug/l	99
89) n-Butylbenzene	13.615	91	1028462	53.579	ug/l	99
90) Hexachloroethane	13.883	117	236009	55.163	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	538284	55.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32776	52.503	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	308793	53.895	ug/l	98
94) Hexachlorobutadiene	15.023	225	191610	56.912	ug/l	99
95) Naphthalene	15.145	128	527802	54.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	271321	54.955	ug/l	99

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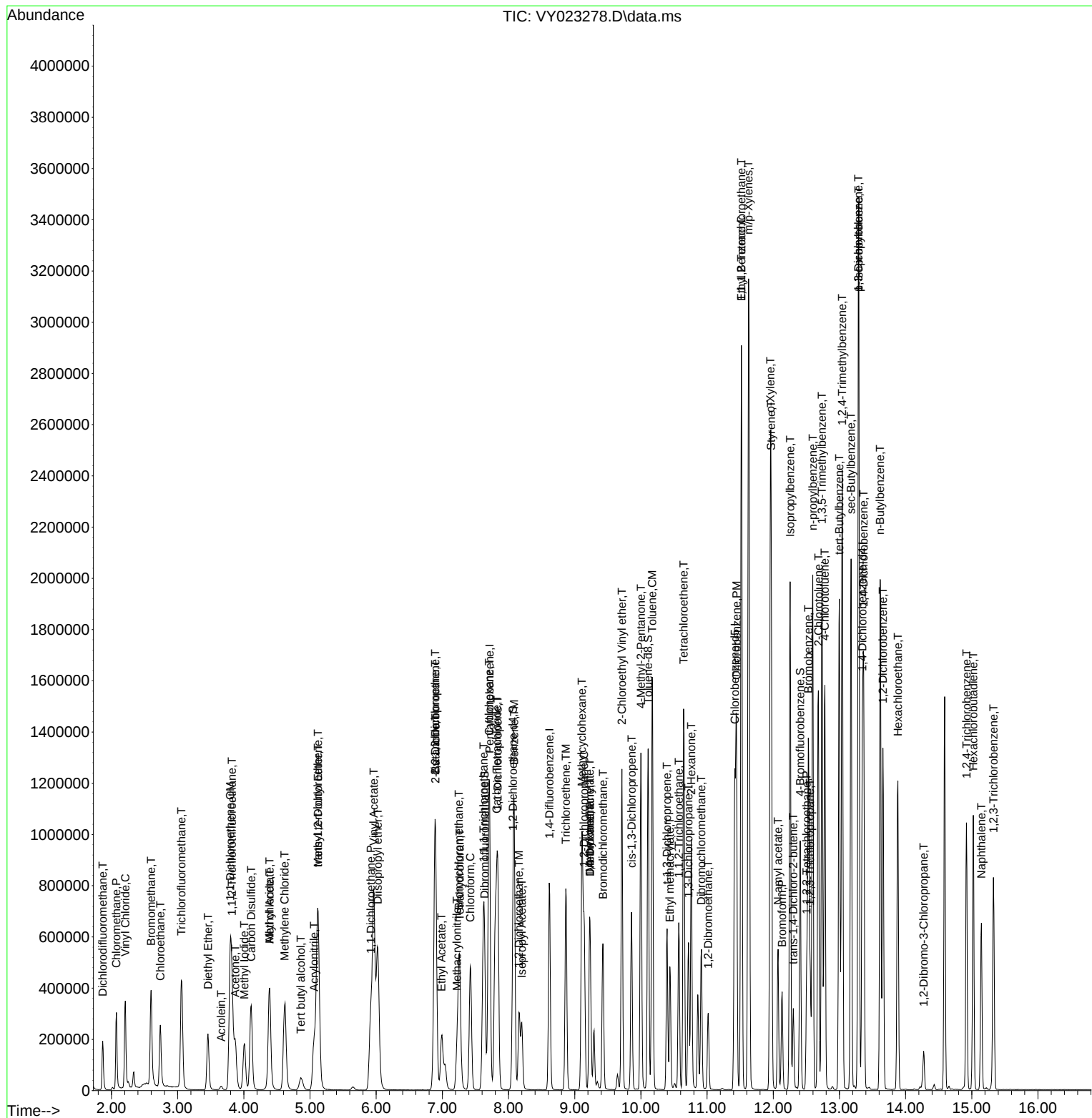
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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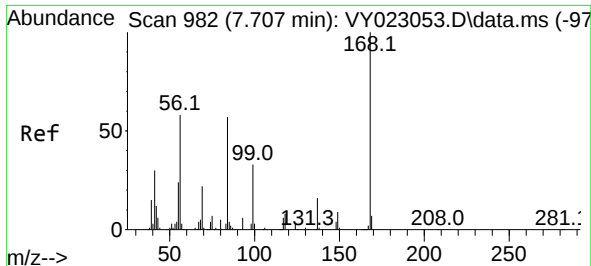
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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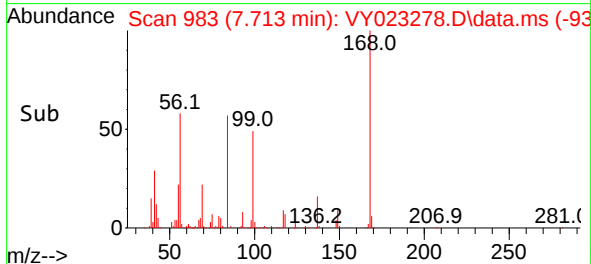
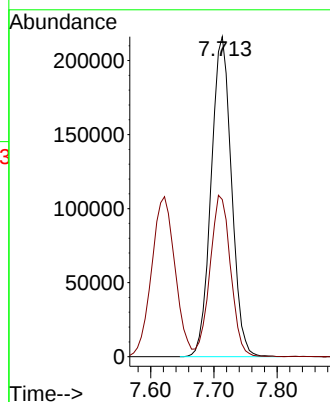
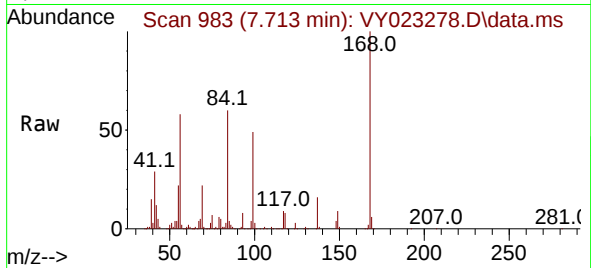




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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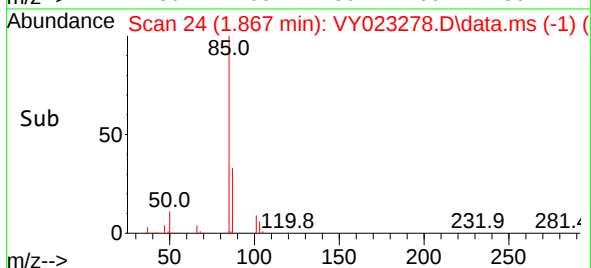
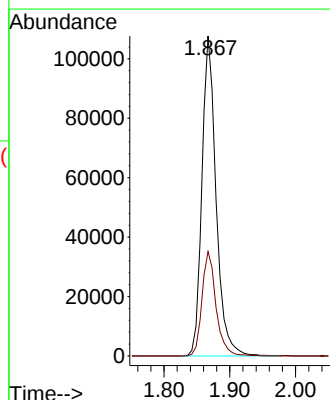
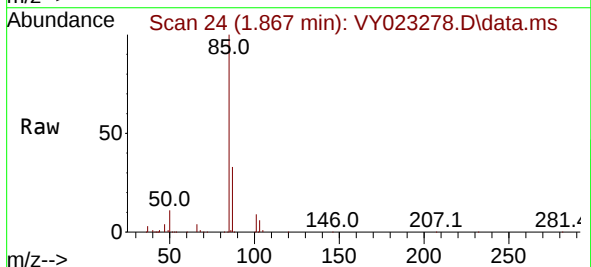
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 483459
Ion Ratio Lower Upper
168 100
99 49.0 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 40.823 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 85 Resp: 161097
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

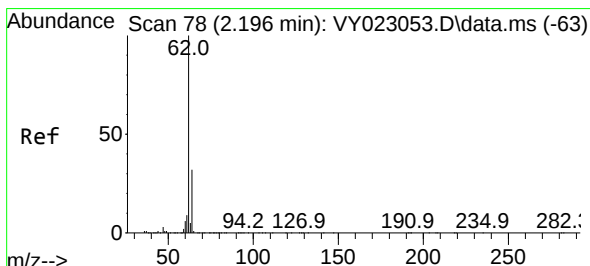
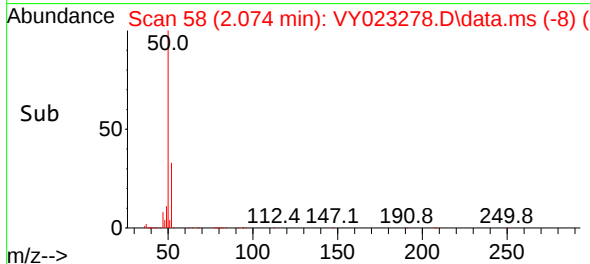
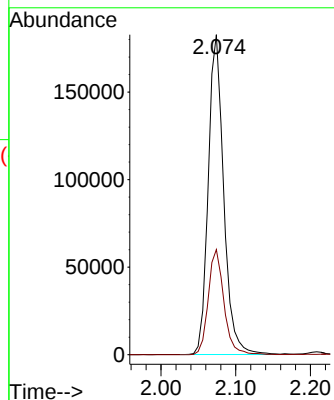
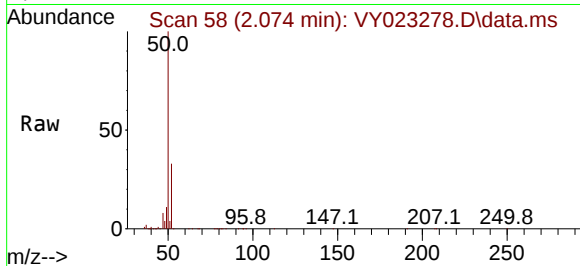




#3
Chloromethane
Concen: 41.080 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

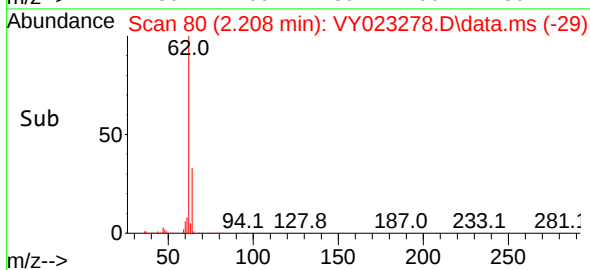
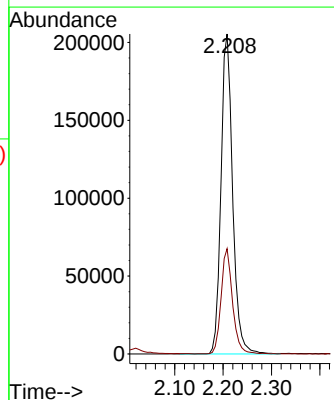
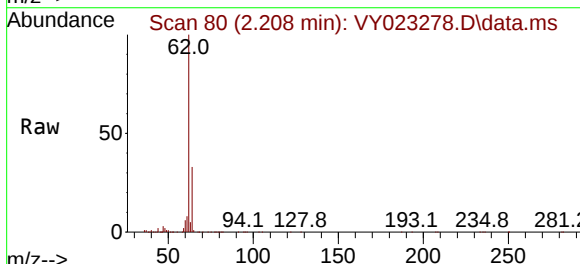
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 262568
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 43.386 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 62 Resp: 342795
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

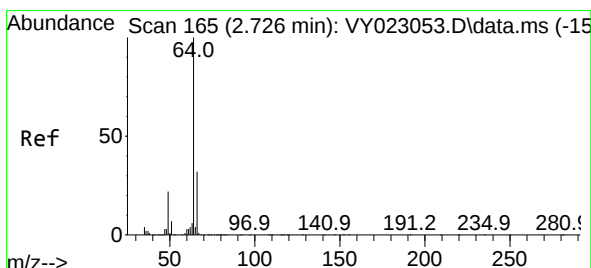
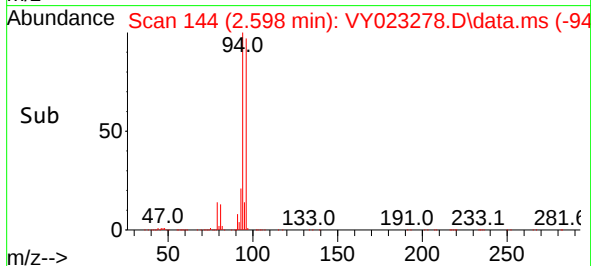
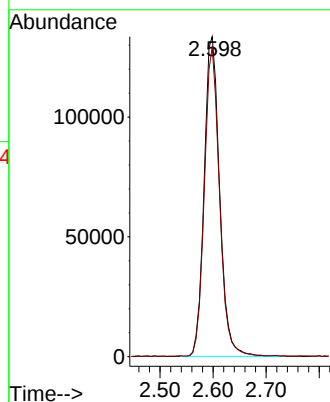
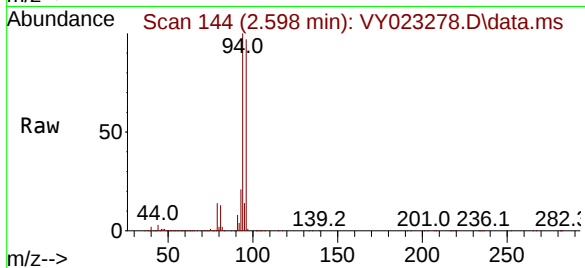




#5
Bromomethane
Concen: 45.877 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

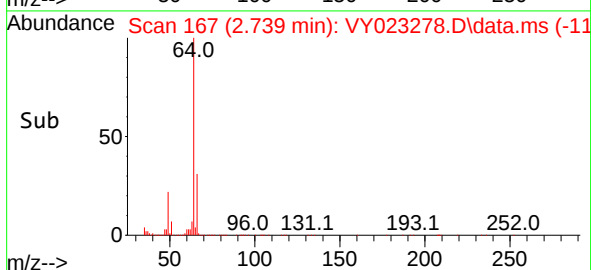
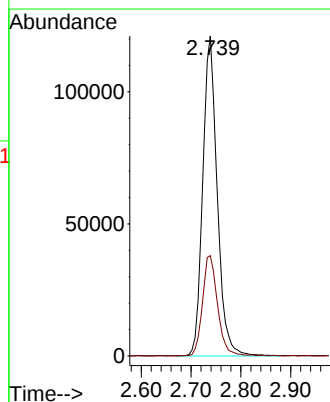
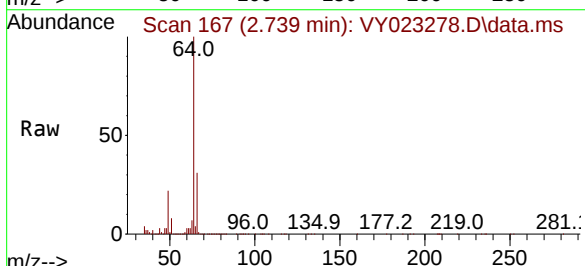
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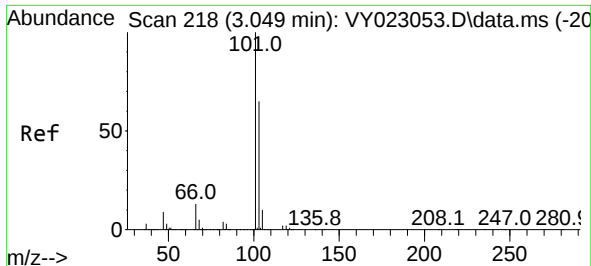
Tgt Ion: 94 Resp: 270707
Ion Ratio Lower Upper
94 100
96 96.5 74.6 112.0



#6
Chloroethane
Concen: 46.473 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 64 Resp: 244115
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6

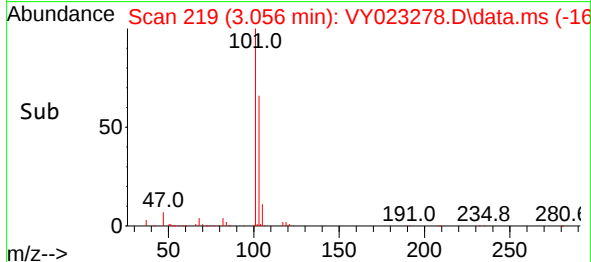
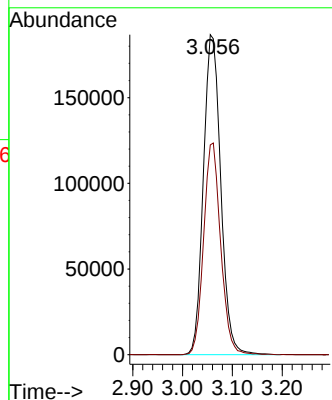
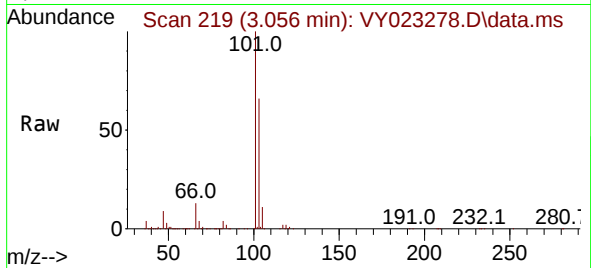




#7
 Trichlorofluoromethane
 Concen: 47.052 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023278.D
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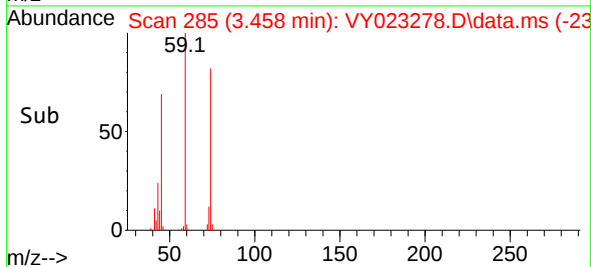
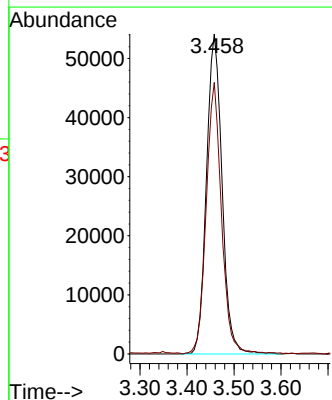
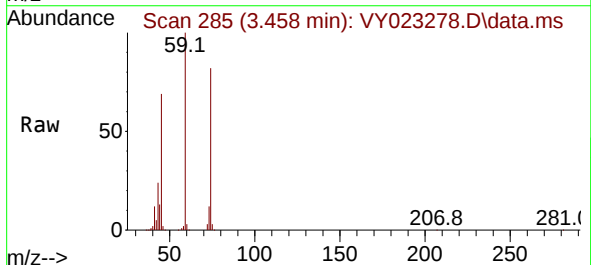
Instrument :
 MSVOA_Y
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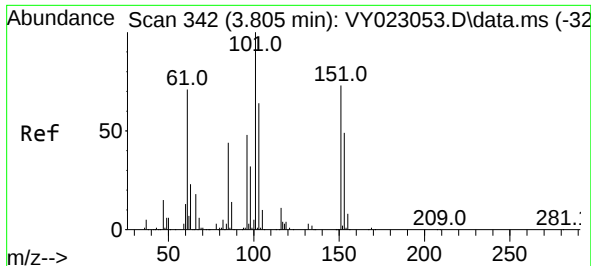
Tgt Ion:101 Resp: 452038
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.931 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

Tgt Ion: 74 Resp: 124371
 Ion Ratio Lower Upper
 74 100
 45 83.6 44.4 133.2

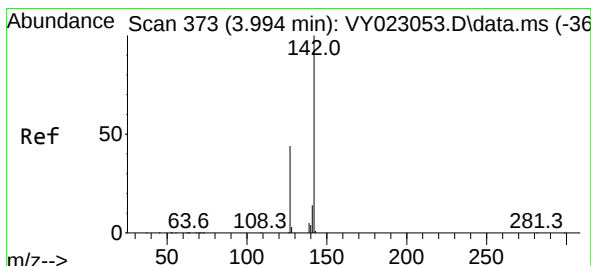
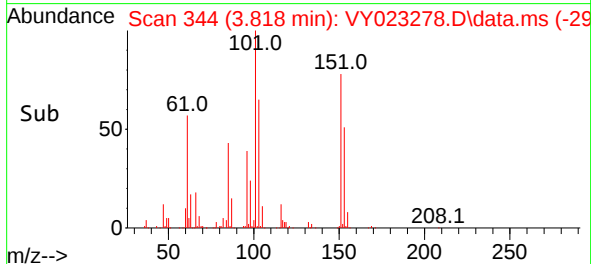
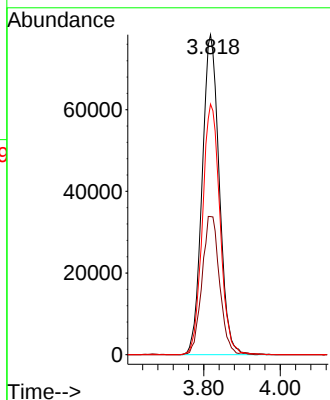
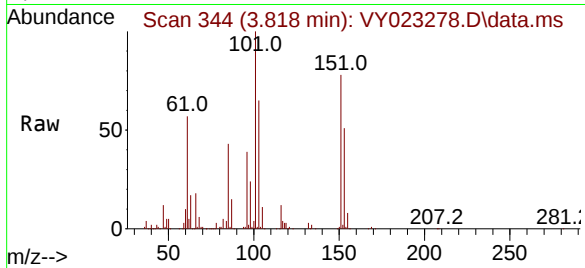




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.394 ug/l
 RT: 3.818 min Scan# 34
 Delta R.T. 0.012 min
 Lab File: VY023278.D
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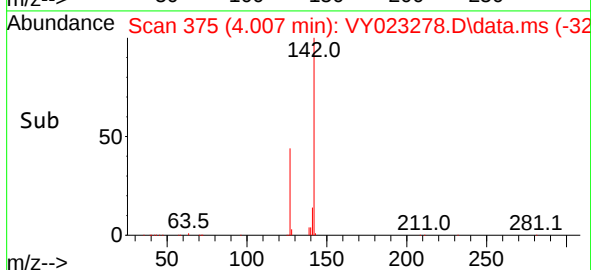
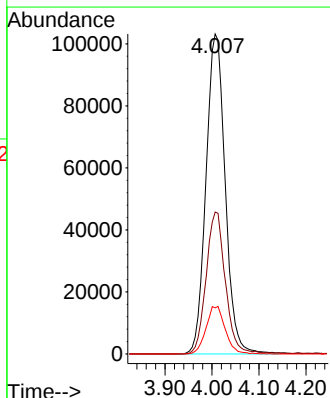
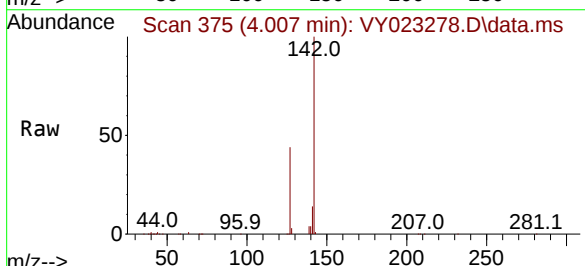
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 243594
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.3 54.5
 151 80.2 61.5 92.3



#10
 Methyl Iodide
 Concen: 57.243 ug/l
 RT: 4.007 min Scan# 375
 Delta R.T. 0.012 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

Tgt Ion:142 Resp: 292770
 Ion Ratio Lower Upper
 142 100
 127 44.3 34.9 52.3
 141 14.9 11.3 16.9

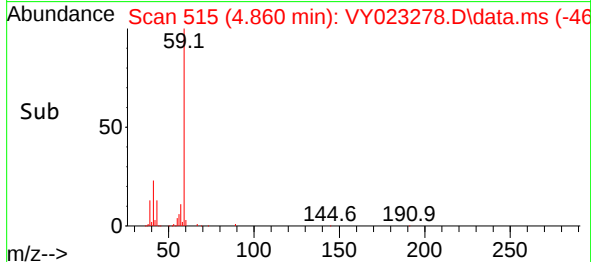
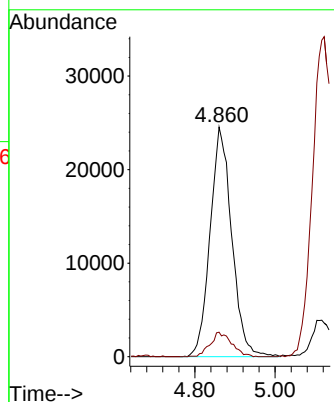
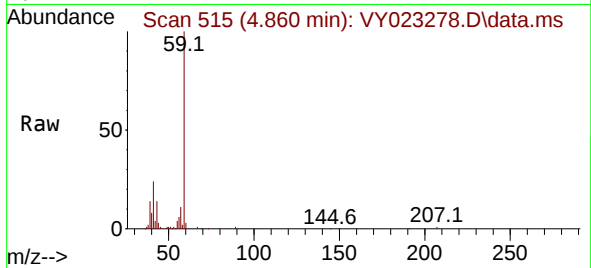




#11
Tert butyl alcohol
Concen: 291.054 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

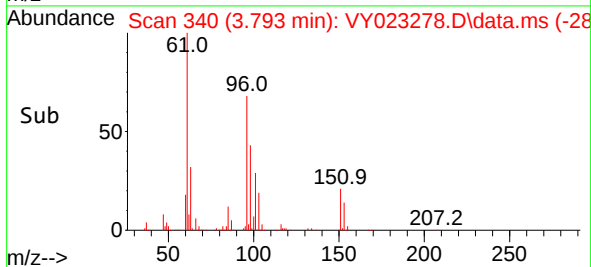
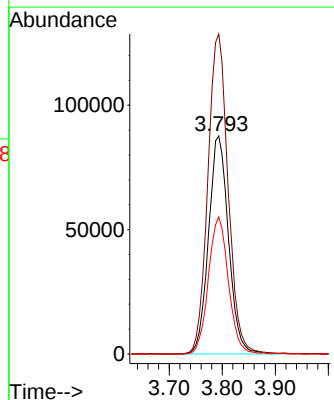
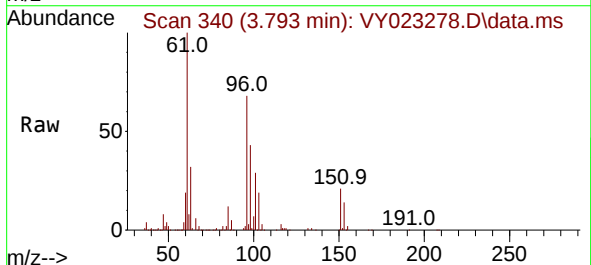
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 91890
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 49.337 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

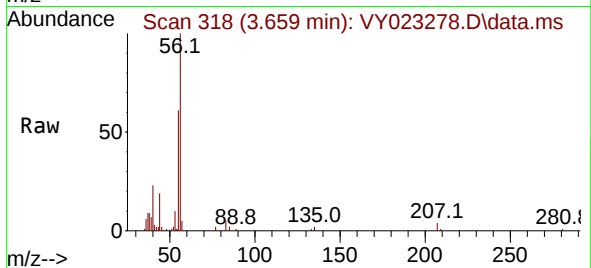
Tgt Ion: 96 Resp: 229852
Ion Ratio Lower Upper
96 100
61 146.7 129.4 194.2
98 62.8 52.8 79.2



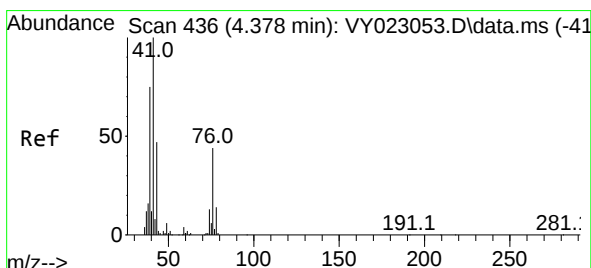
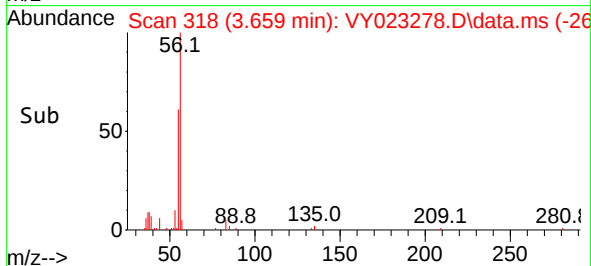
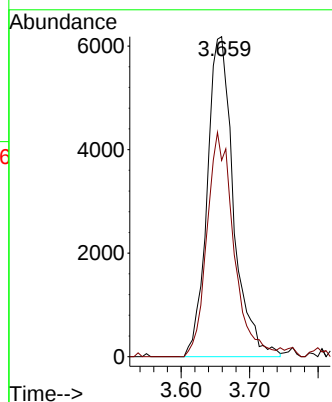


#13
Acrolein
Concen: 35.736 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :

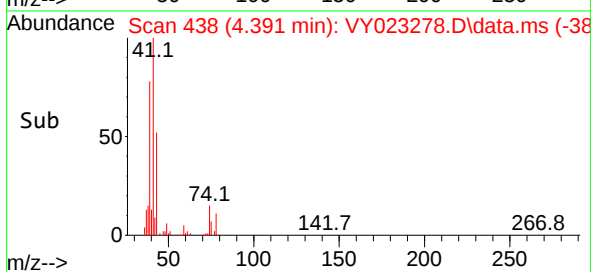
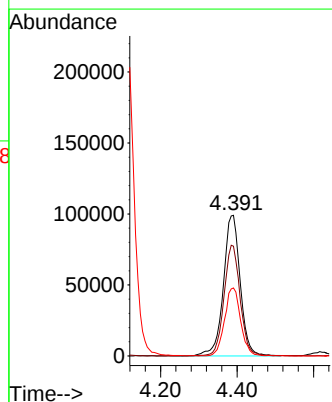
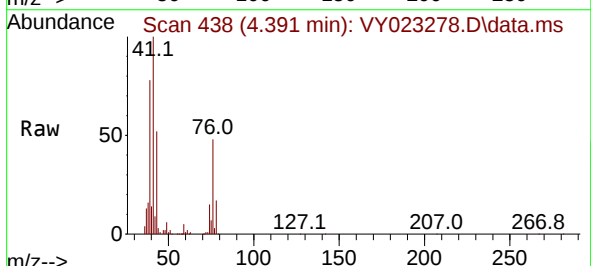


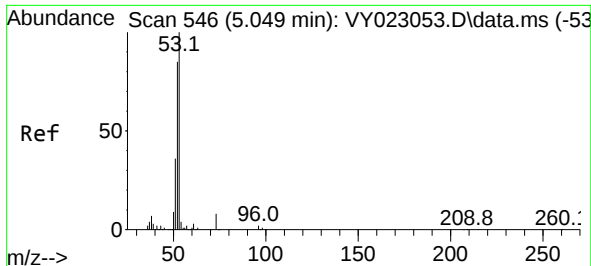
Tgt Ion: 56 Resp: 16523
Ion Ratio Lower Upper
56 100
55 71.5 55.2 82.8



#14
Allyl chloride
Concen: 44.222 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

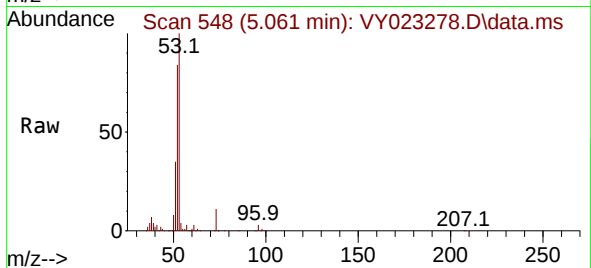
Tgt Ion: 41 Resp: 303151
Ion Ratio Lower Upper
41 100
39 75.4 59.8 89.6
76 46.1 33.7 50.5



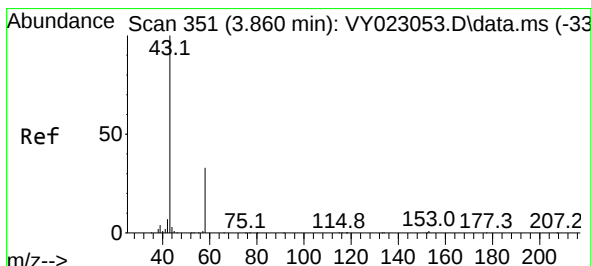
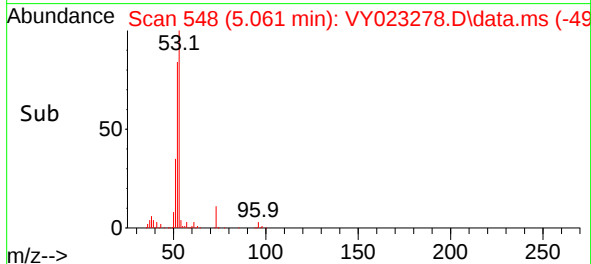
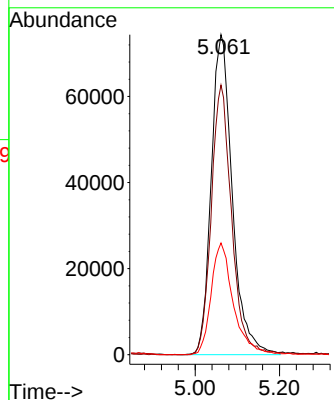


#15
Acrylonitrile
Concen: 249.844 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :

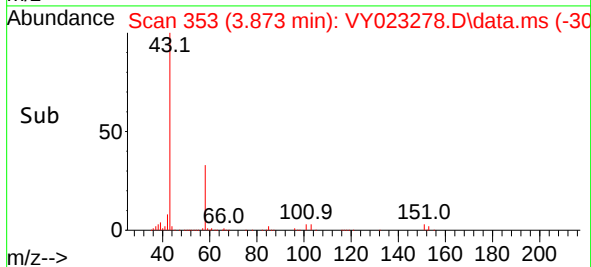
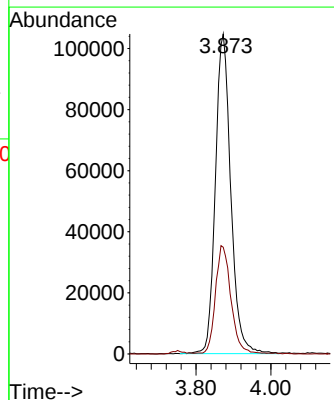
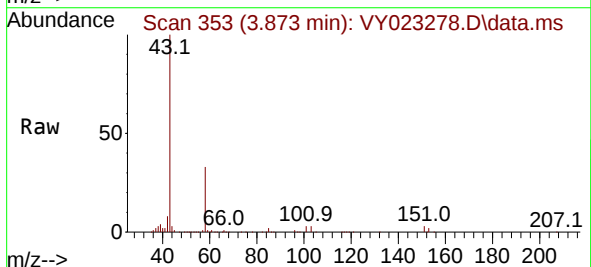


Tgt Ion: 53 Resp: 258176
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 300.247 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 43 Resp: 299716
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

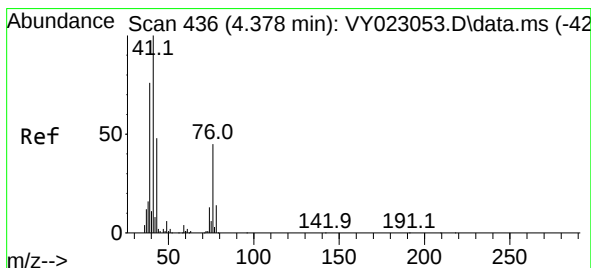
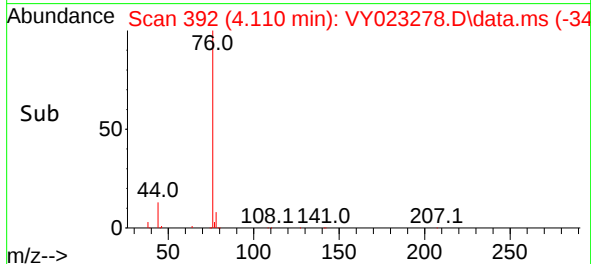
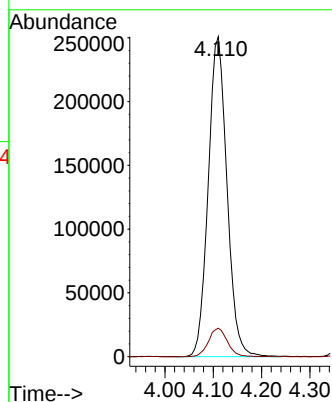
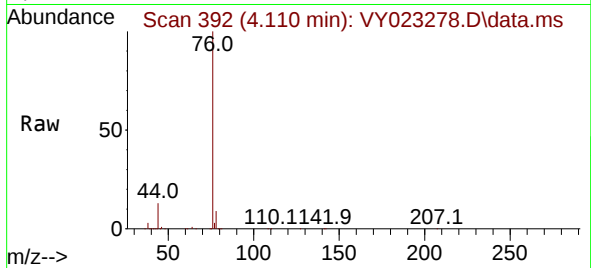




#17
Carbon Disulfide
Concen: 44.454 ug/l
RT: 4.110 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

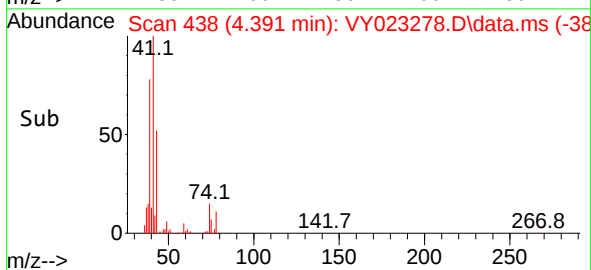
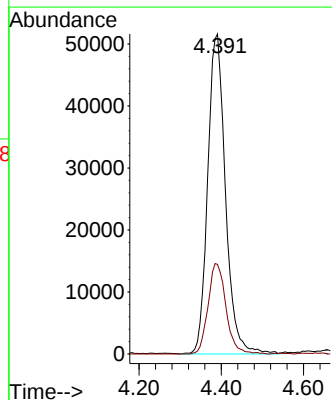
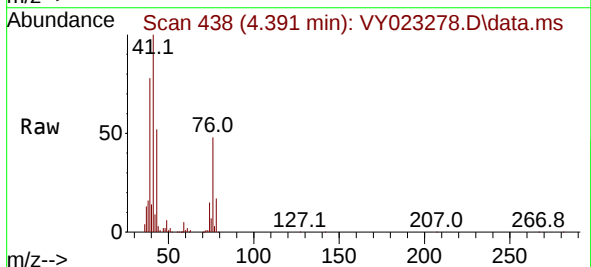
Instrument :
MSVOA_Y
ClientSampleId :

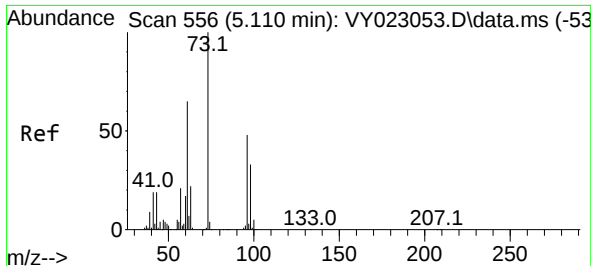
Tgt Ion: 76 Resp: 675291
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 52.154 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 43 Resp: 154926
Ion Ratio Lower Upper
43 100
74 28.5 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 49.310 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

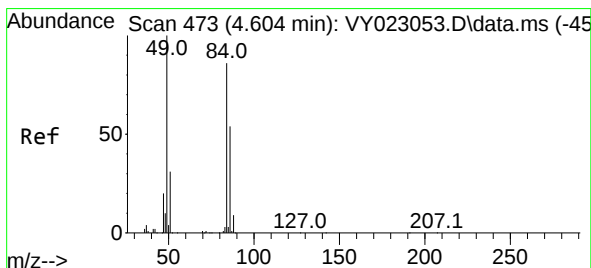
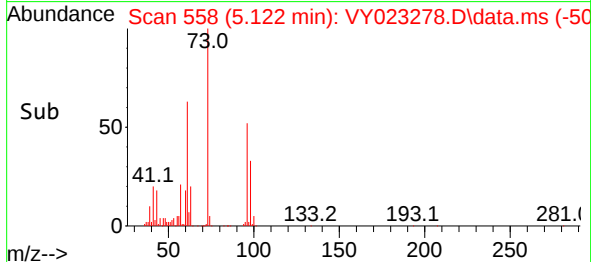
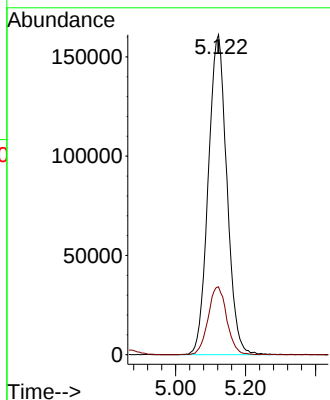
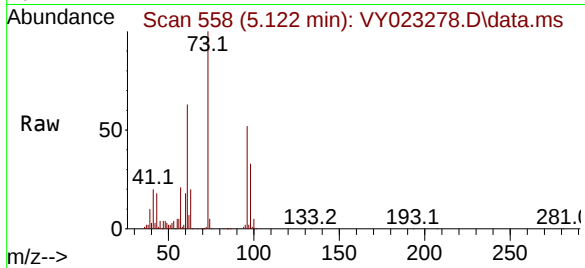
ClientSampleId :

Tgt Ion: 73 Resp: 595291

Ion Ratio Lower Upper

73 100

57 21.2 17.1 25.7



#20

Methylene Chloride

Concen: 52.234 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Tgt Ion: 84 Resp: 270314

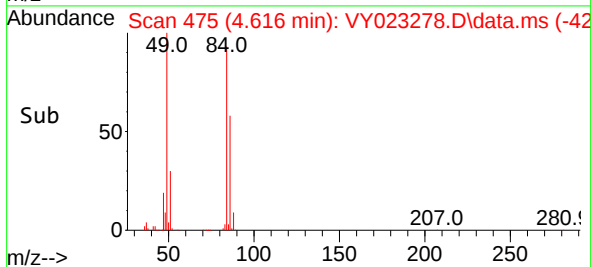
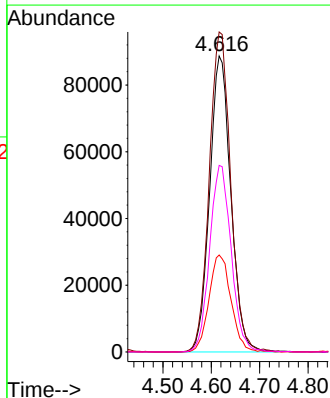
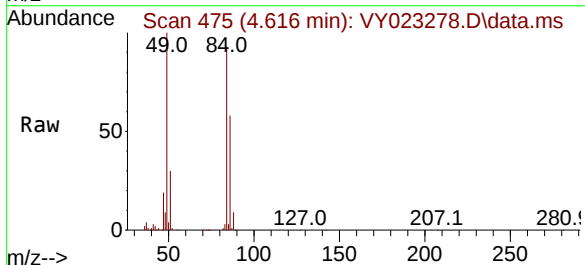
Ion Ratio Lower Upper

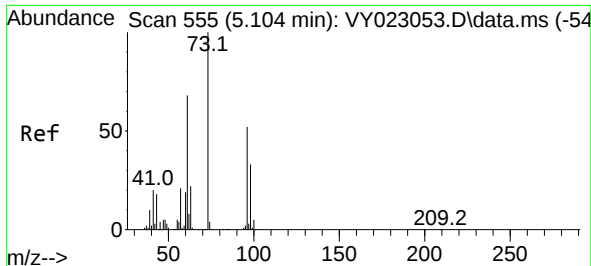
84 100

49 108.1 93.0 139.6

51 32.7 29.0 43.4

86 63.0 50.2 75.4

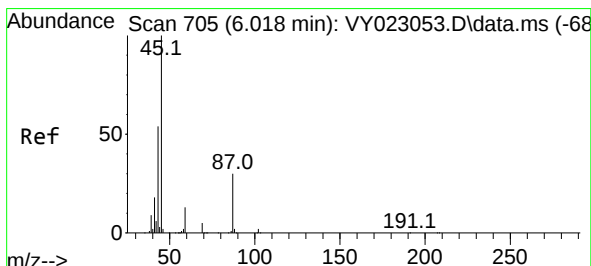
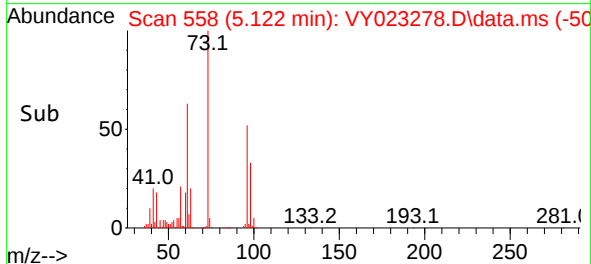
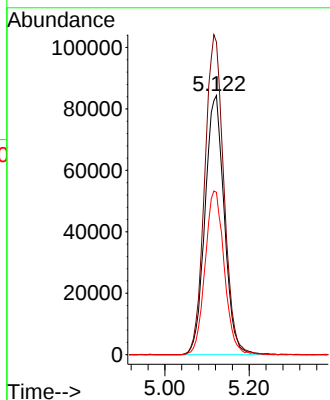
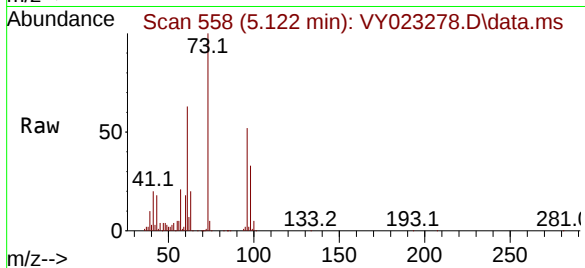




#21
trans-1,2-Dichloroethene
Concen: 51.092 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

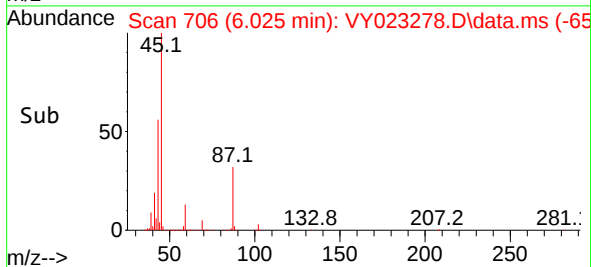
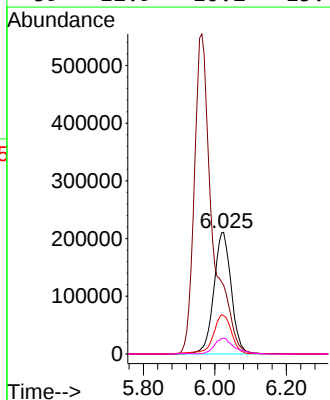
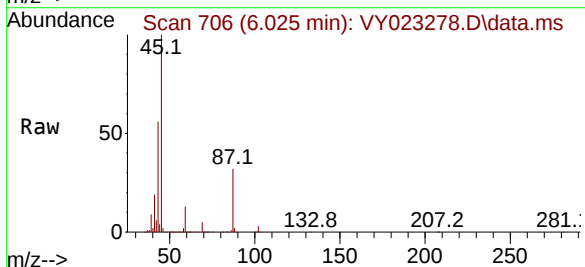
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 267495
Ion Ratio Lower Upper
96 100
61 120.6 104.8 157.2
98 62.6 50.1 75.1



#22
Diisopropyl ether
Concen: 47.734 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 45 Resp: 711056
Ion Ratio Lower Upper
45 100
43 56.2 43.4 65.0
87 31.5 24.4 36.6
59 12.9 10.2 15.4

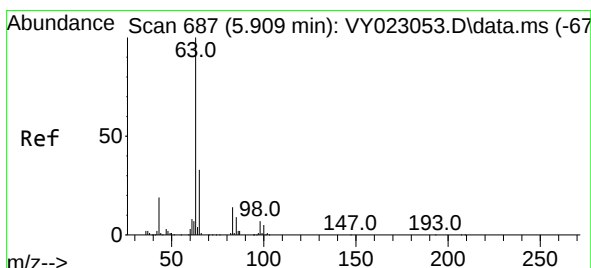
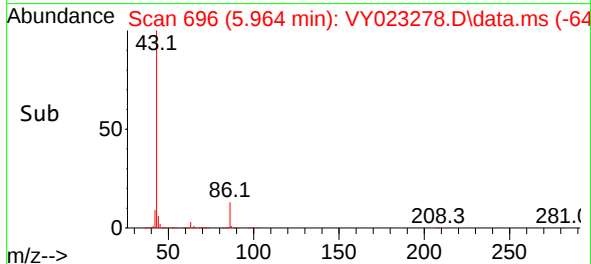
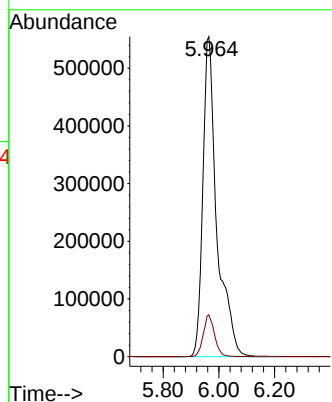
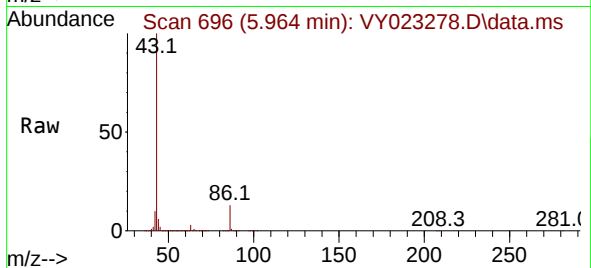




#23
 Vinyl Acetate
 Concen: 234.762 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

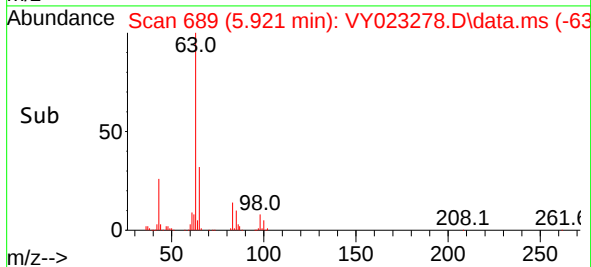
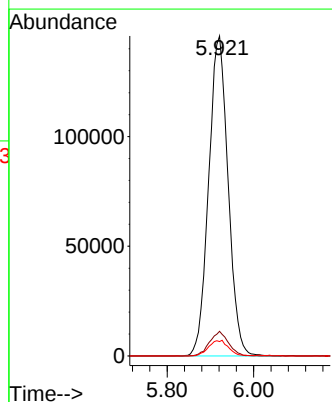
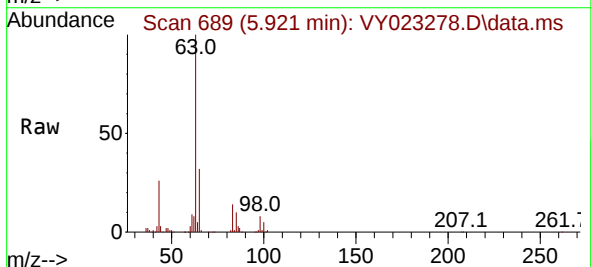
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1933715
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 49.806 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

Tgt Ion: 63 Resp: 453602
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 259.616 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

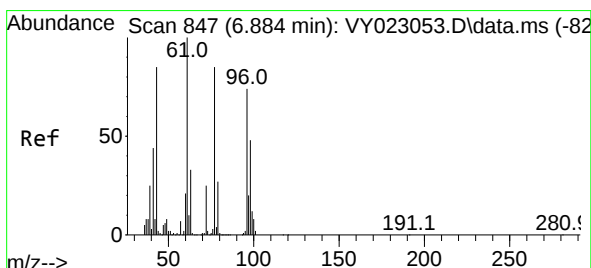
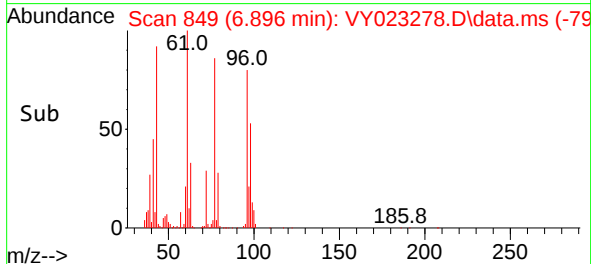
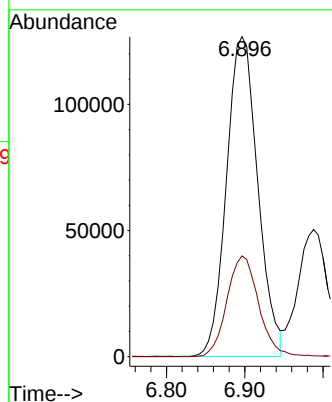
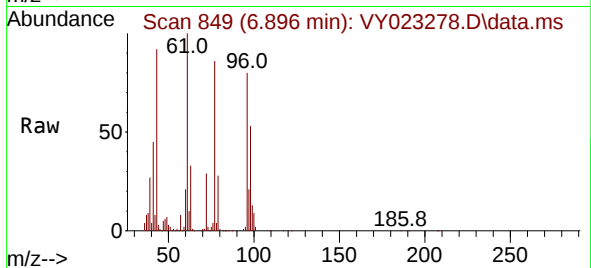
ClientSampleId :

Tgt Ion: 43 Resp: 352464

Ion Ratio Lower Upper

43 100

72 31.5 23.5 35.3



#26

2,2-Dichloropropane

Concen: 51.500 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023278.D

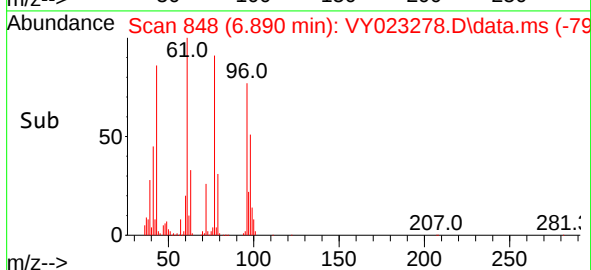
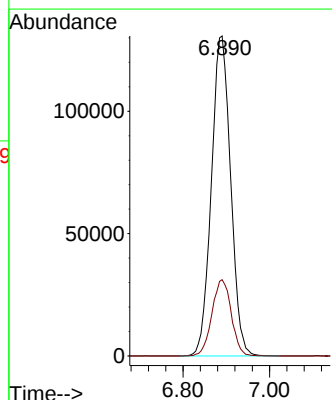
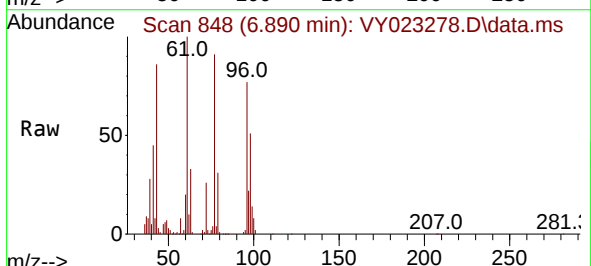
Acq: 04 Sep 2025 08:56

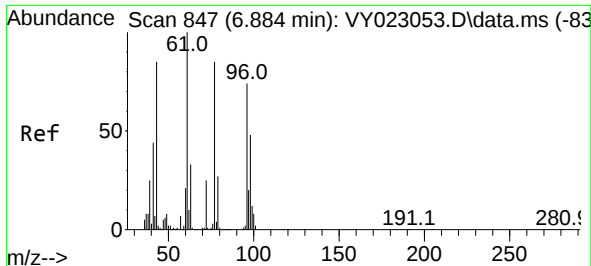
Tgt Ion: 77 Resp: 404719

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.338 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

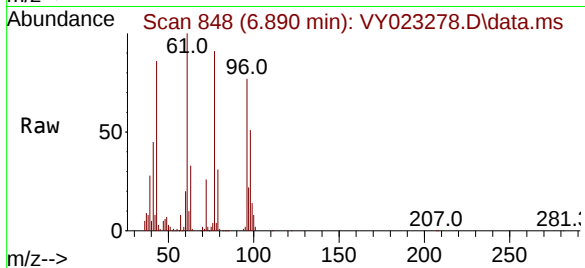
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :



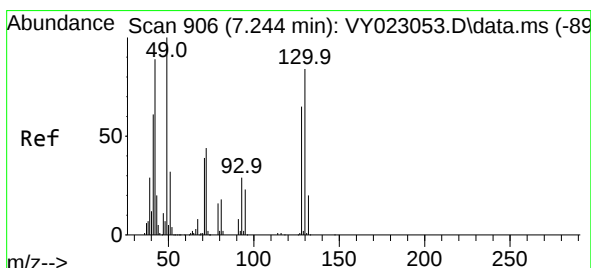
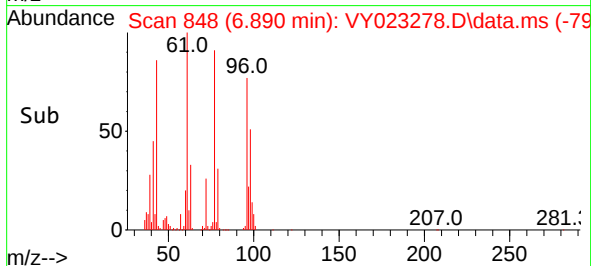
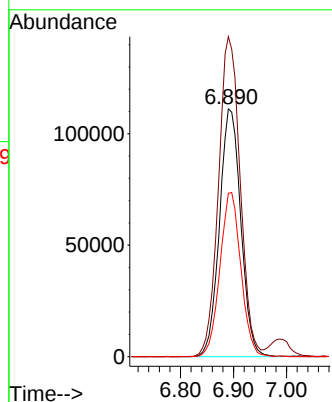
Tgt Ion: 96 Resp: 310726

Ion Ratio Lower Upper

96 100

61 131.0 0.0 278.6

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 48.021 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

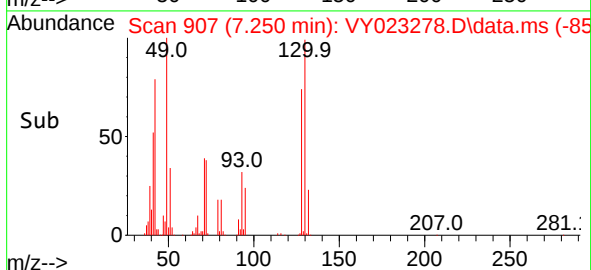
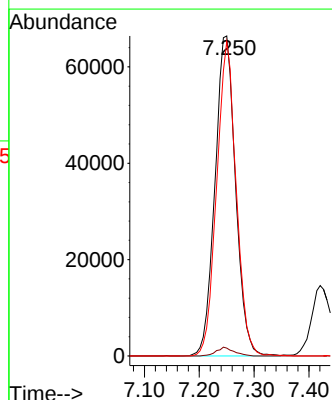
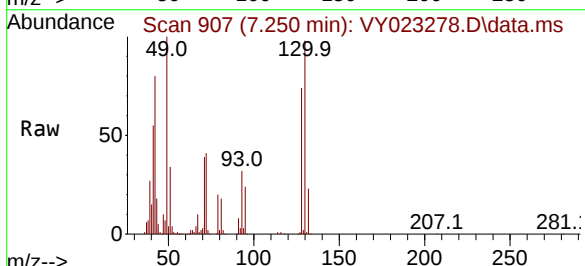
Tgt Ion: 49 Resp: 173514

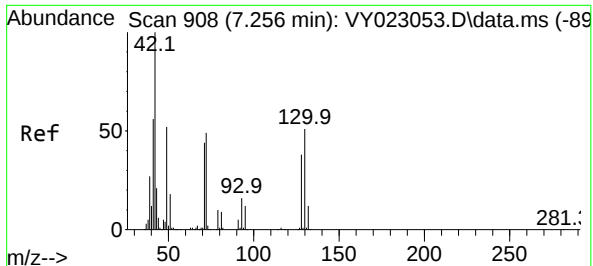
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 92.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 242.198 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

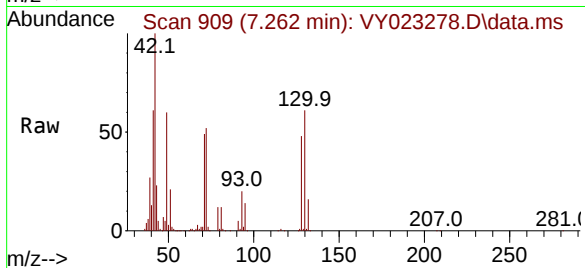
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :



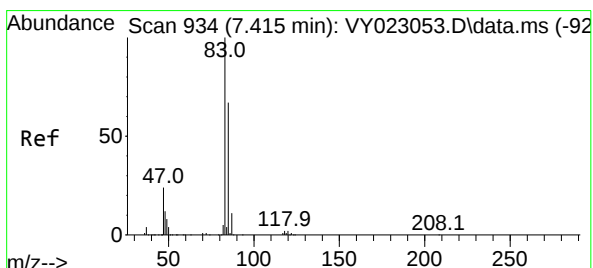
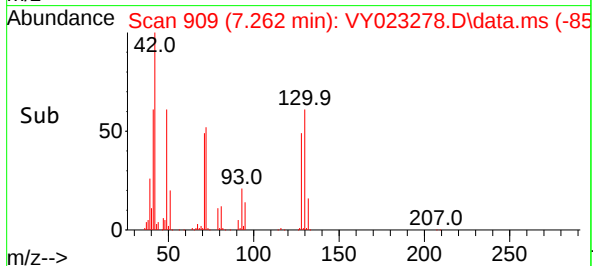
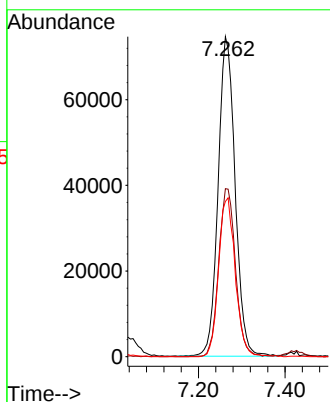
Tgt Ion: 42 Resp: 203820

Ion Ratio Lower Upper

42 100

72 52.2 39.4 59.2

71 48.9 36.5 54.7



#30

Chloroform

Concen: 52.150 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023278.D

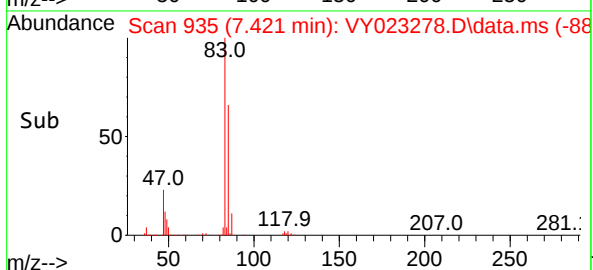
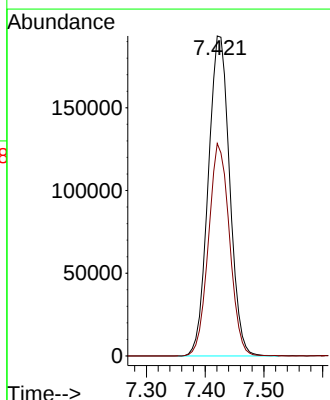
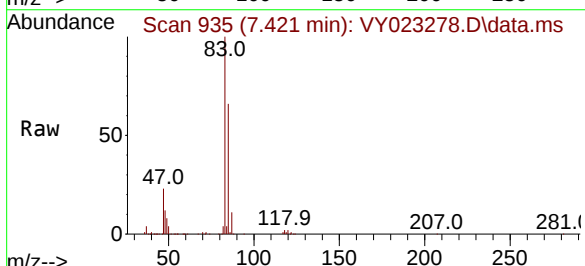
Acq: 04 Sep 2025 08:56

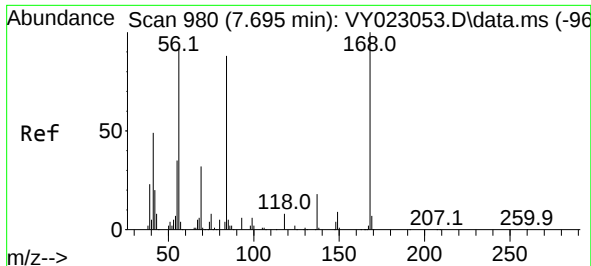
Tgt Ion: 83 Resp: 489829

Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.8

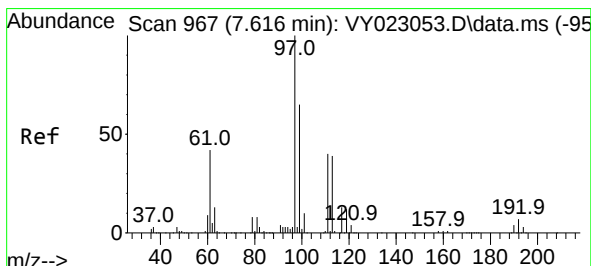
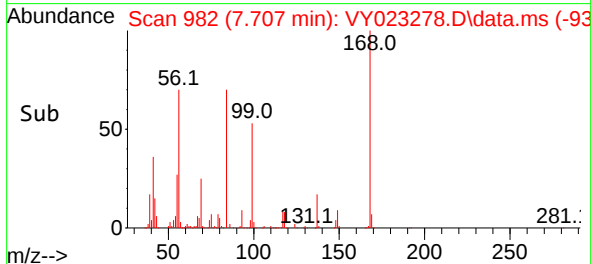
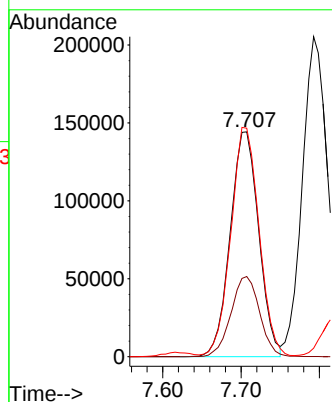
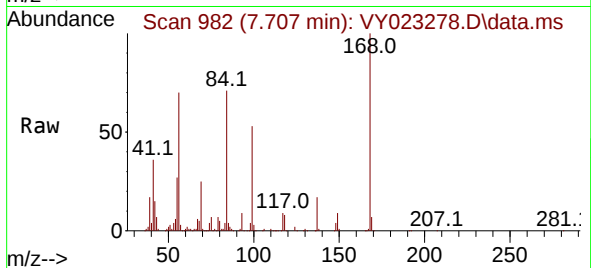




#31
Cyclohexane
Concen: 42.632 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

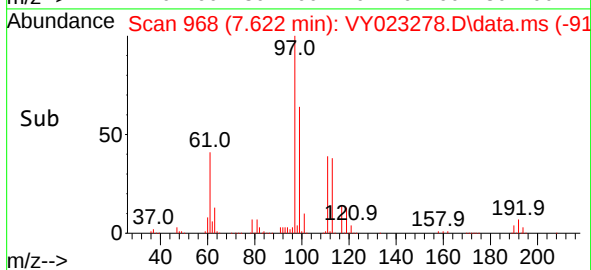
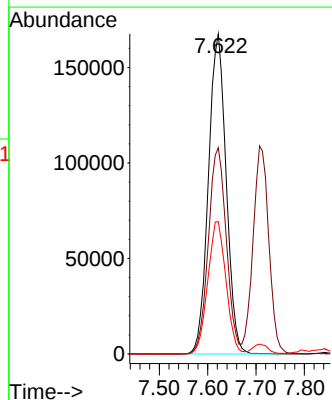
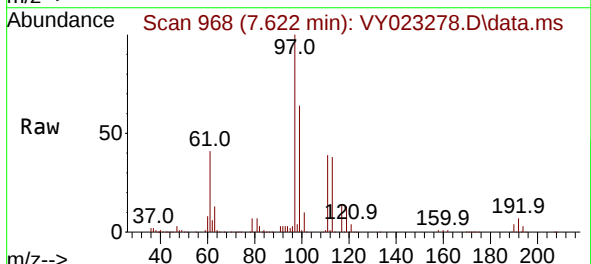
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 365886
Ion Ratio Lower Upper
56 100
69 35.7 28.2 42.2
84 99.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 51.263 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 97 Resp: 427235
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 42.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.217 ug/l

RT: 8.067 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

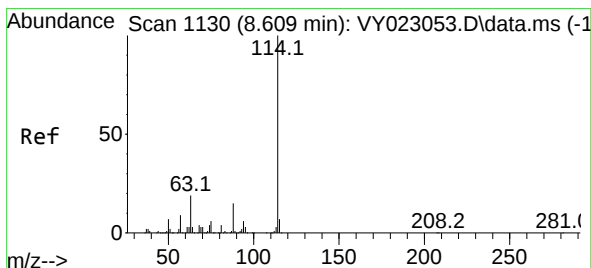
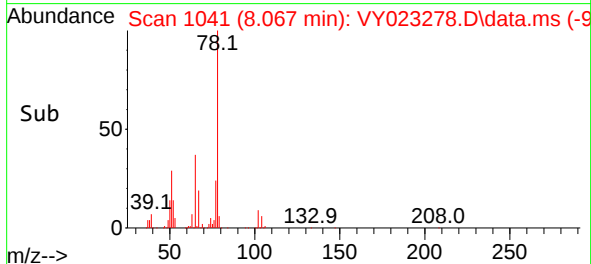
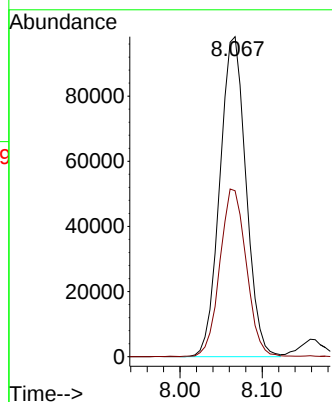
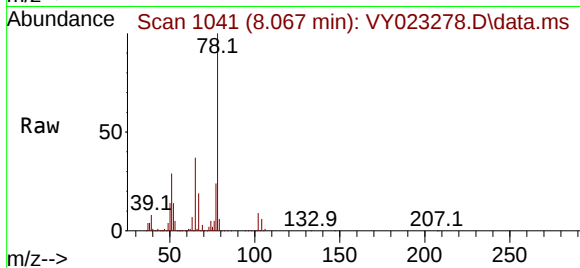
ClientSampleId :

Tgt Ion: 65 Resp: 217560

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

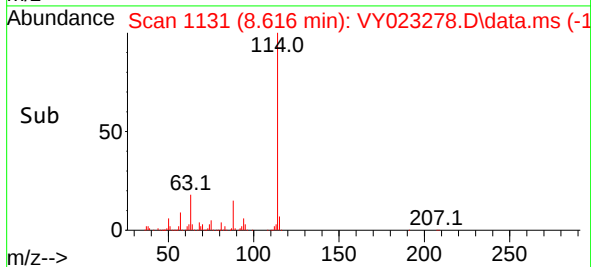
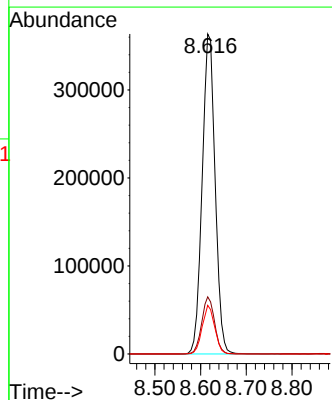
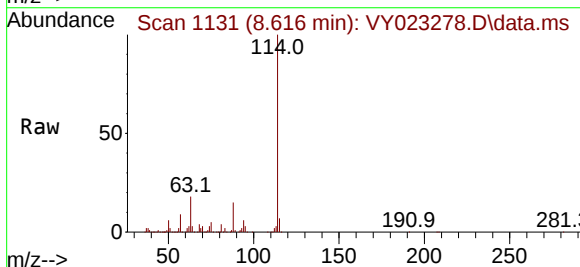
Tgt Ion: 114 Resp: 713989

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.701 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.012 min

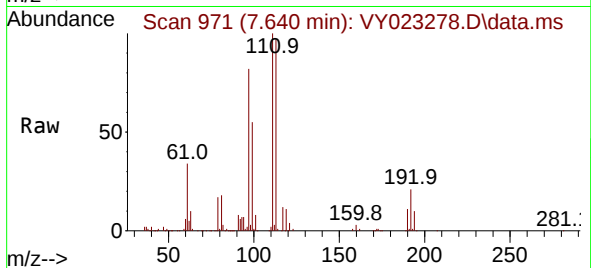
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :



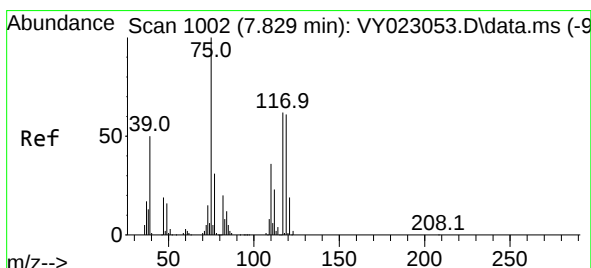
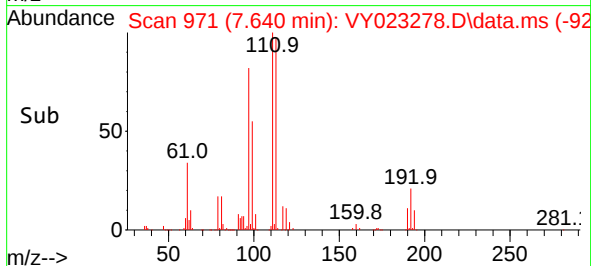
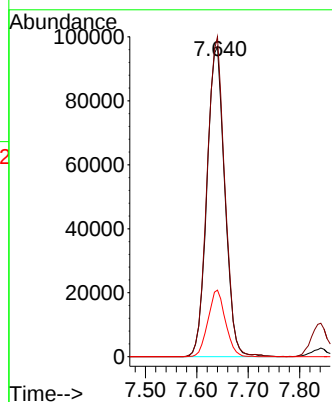
Tgt Ion:113 Resp: 233698

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

192 21.0 16.2 24.4



#36

1,1-Dichloropropene

Concen: 52.762 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

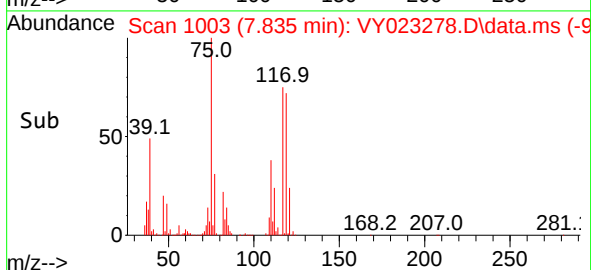
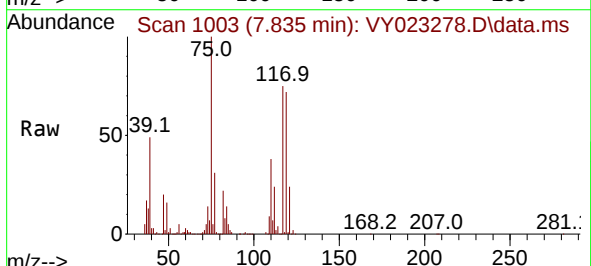
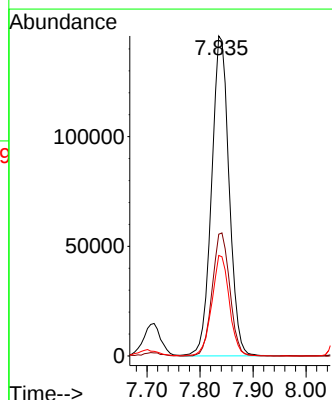
Tgt Ion: 75 Resp: 334996

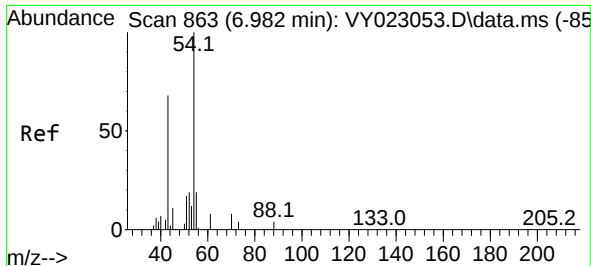
Ion Ratio Lower Upper

75 100

110 38.6 18.1 54.4

77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 52.780 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

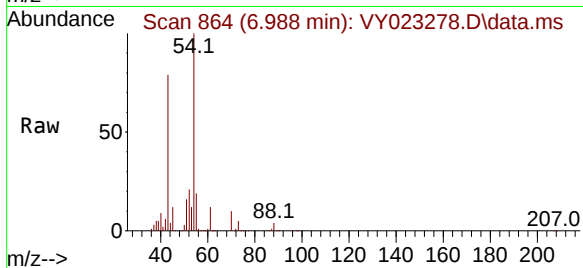
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :



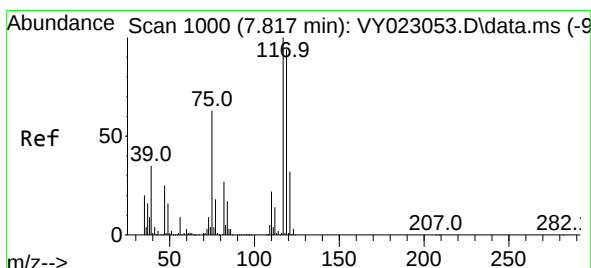
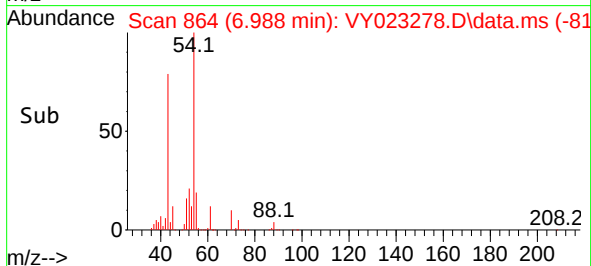
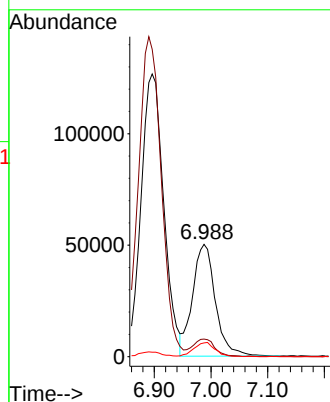
Tgt Ion: 43 Resp: 140770

Ion Ratio Lower Upper

43 100

61 14.4 11.9 17.9

70 11.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 56.585 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

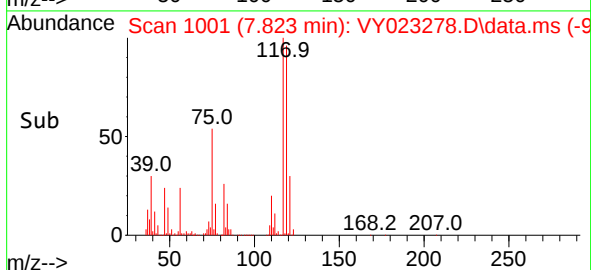
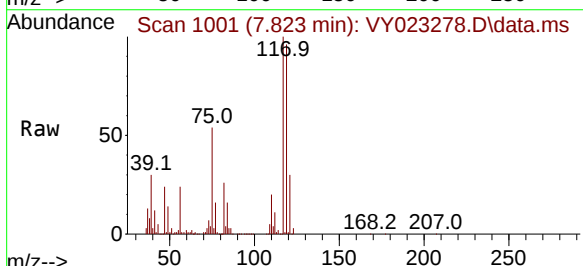
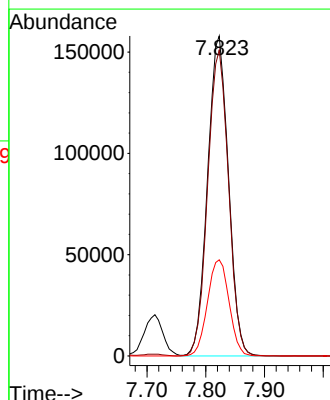
Tgt Ion: 117 Resp: 390218

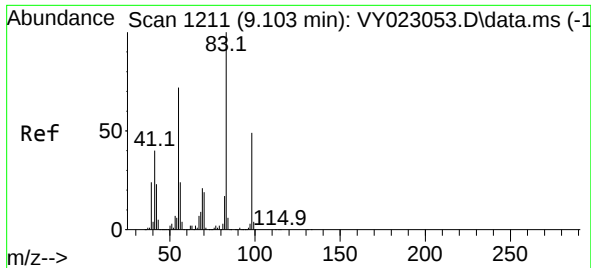
Ion Ratio Lower Upper

117 100

119 95.6 75.6 113.4

121 30.1 25.8 38.8

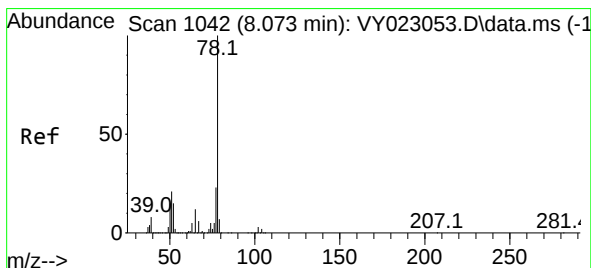
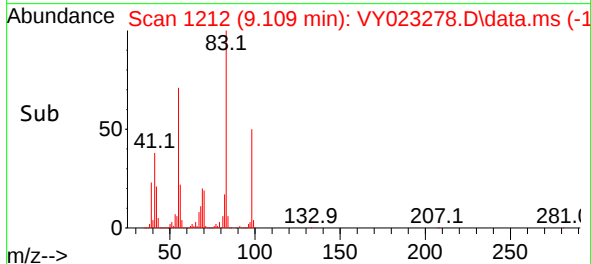
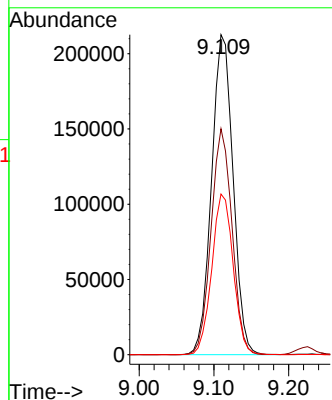
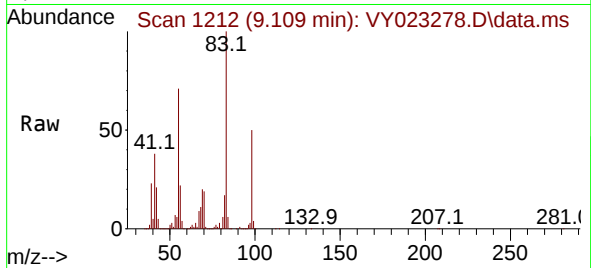




#39
Methylcyclohexane
Concen: 50.934 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

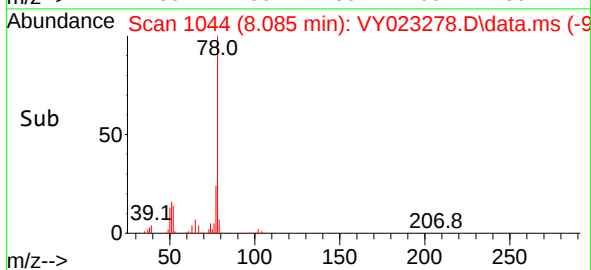
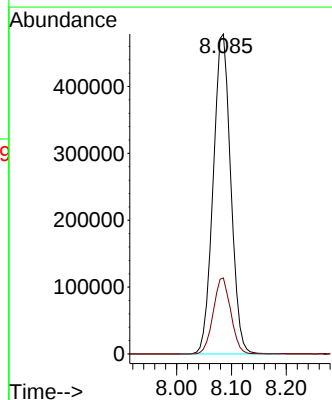
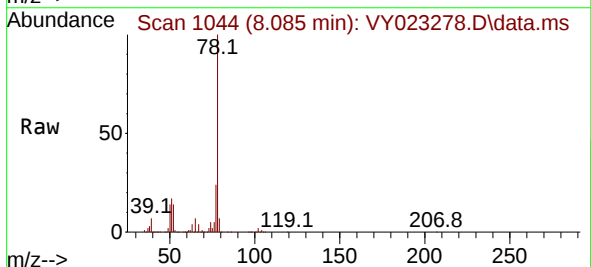
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 425867
Ion Ratio Lower Upper
83 100
55 70.6 57.6 86.4
98 50.2 39.2 58.8



#40
Benzene
Concen: 54.242 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

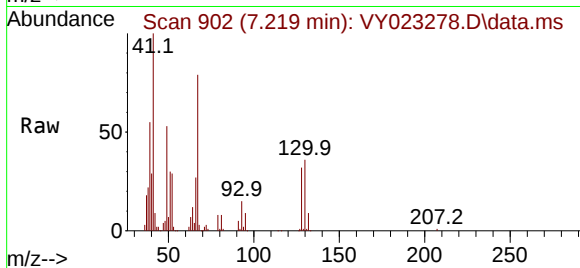
Tgt Ion: 78 Resp: 1061475
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0



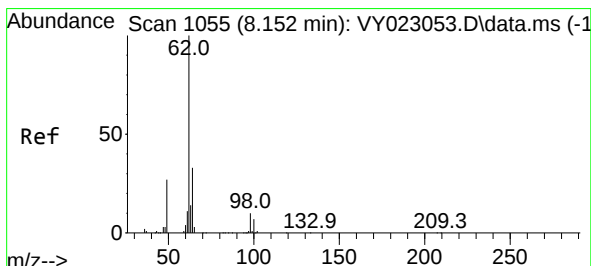
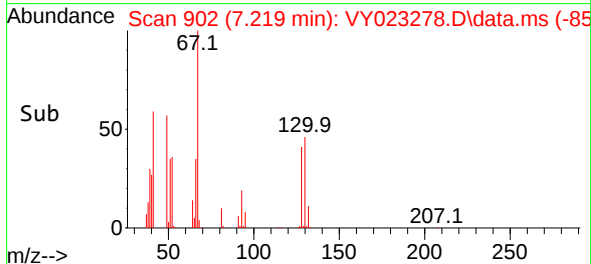
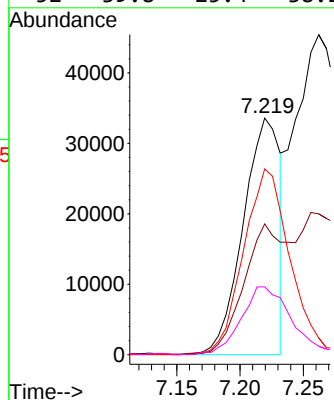


#41
Methacrylonitrile
Concen: 44.349 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :

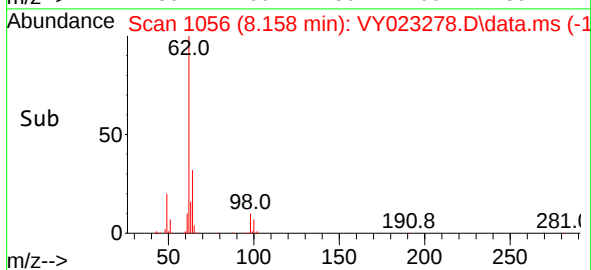
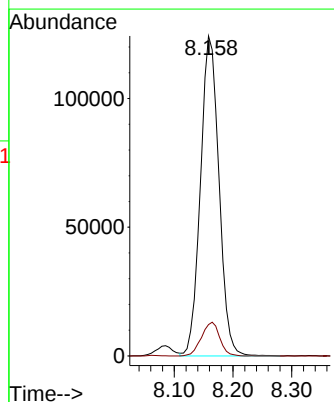
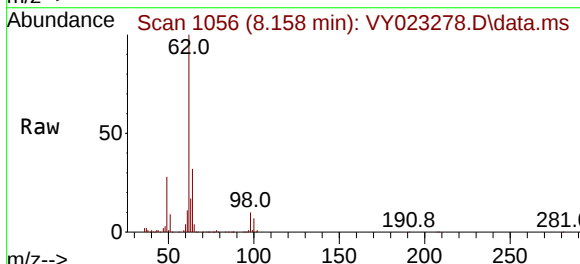


Tgt Ion:	41	Resp:	68264
Ion	Ratio	Lower	Upper
41	100		
39	70.8	43.4	65.2#
67	99.5	63.6	95.4#
52	39.8	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 53.554 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion:	62	Resp:	272565
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.048 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

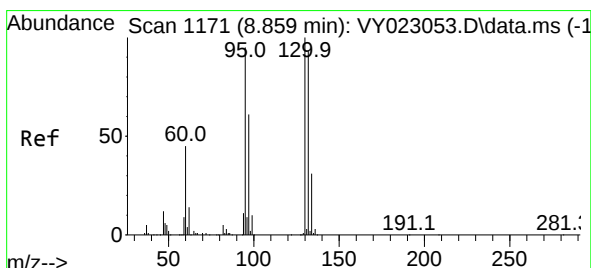
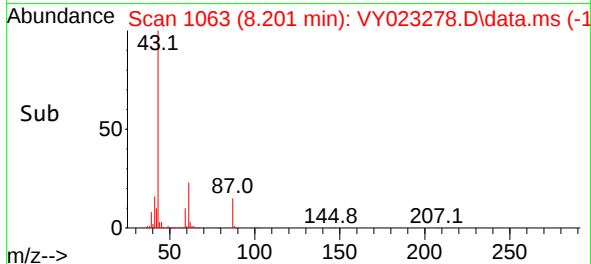
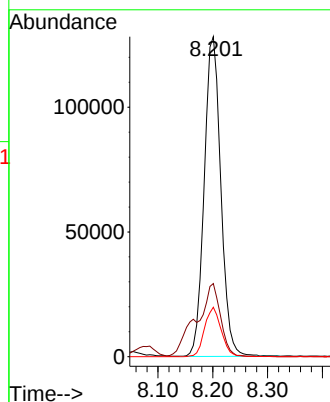
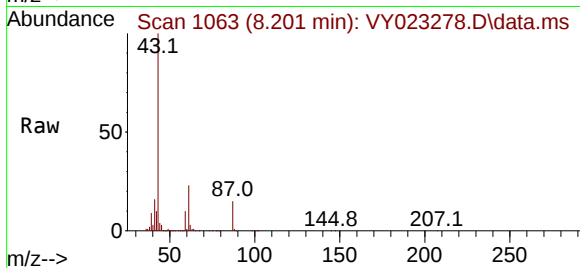
Tgt Ion: 43 Resp: 269795

Ion Ratio Lower Upper

43 100

61 33.2 16.4 24.6#

87 15.5 11.8 17.6



#44

Trichloroethene

Concen: 56.920 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY023278.D

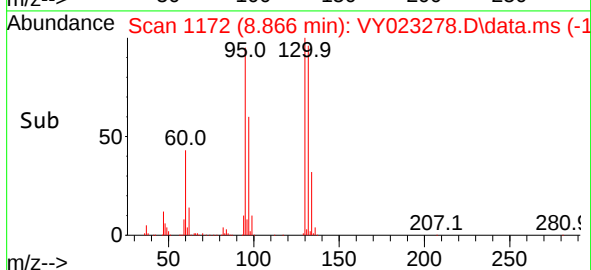
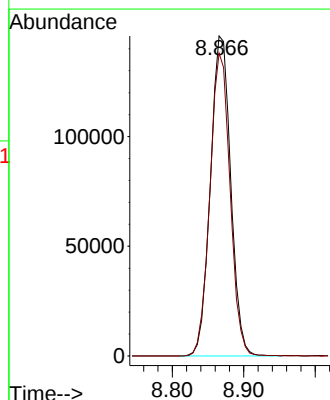
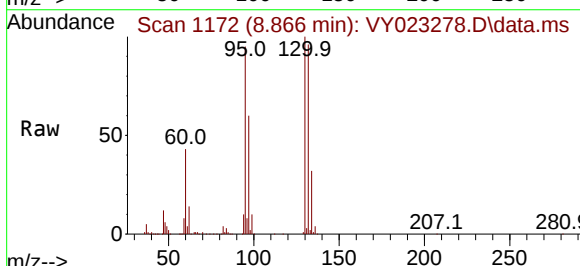
Acq: 04 Sep 2025 08:56

Tgt Ion:130 Resp: 287850

Ion Ratio Lower Upper

130 100

95 94.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 53.941 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

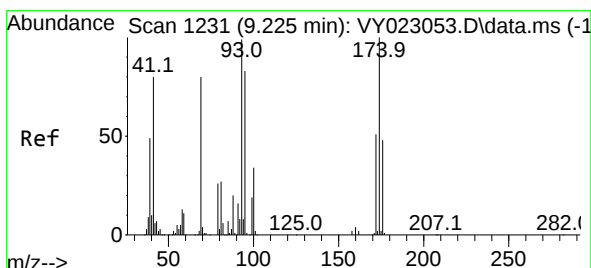
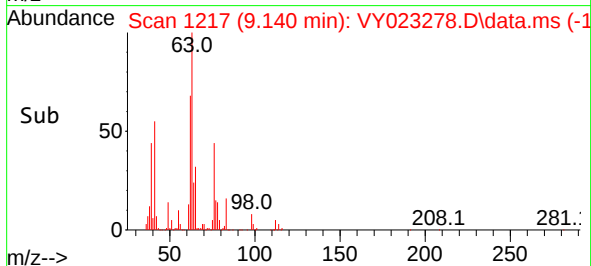
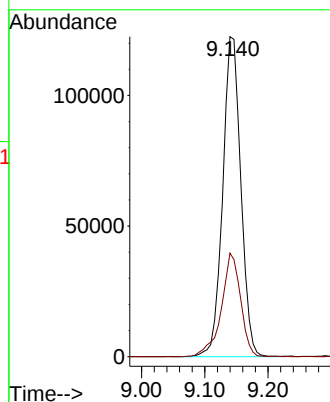
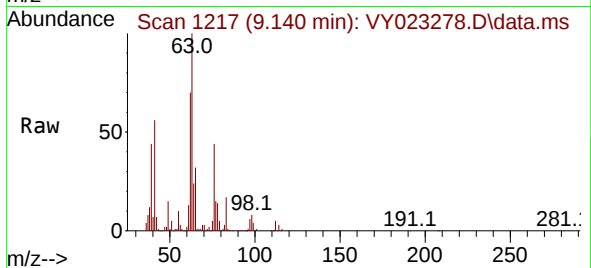
ClientSampleId :

Tgt Ion: 63 Resp: 242878

Ion Ratio Lower Upper

63 100

65 32.4 25.3 37.9



#46

Dibromomethane

Concen: 57.330 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

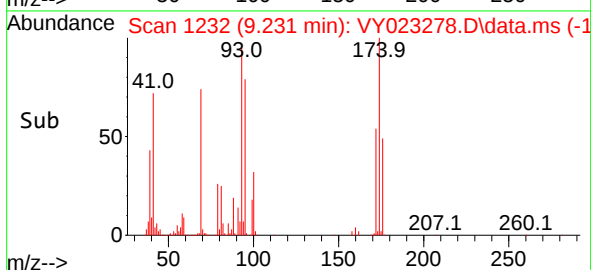
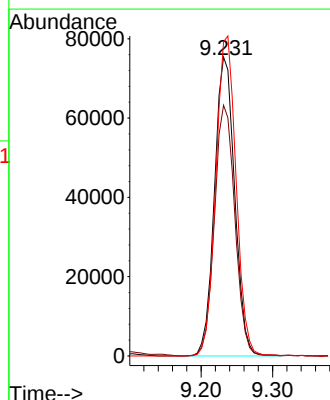
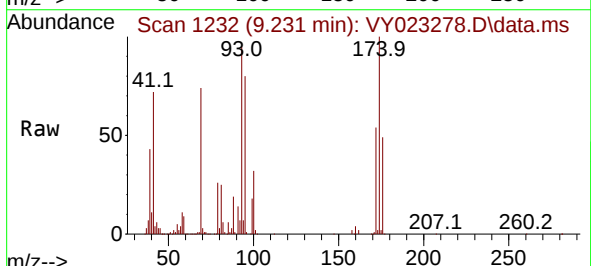
Tgt Ion: 93 Resp: 148164

Ion Ratio Lower Upper

93 100

95 84.6 66.5 99.7

174 107.1 81.8 122.8





#47

Bromodichloromethane

Concen: 56.253 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

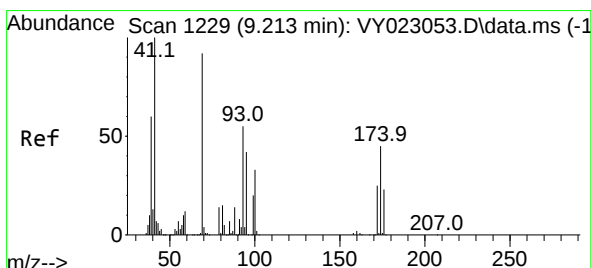
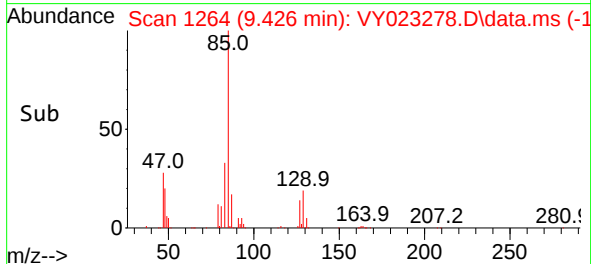
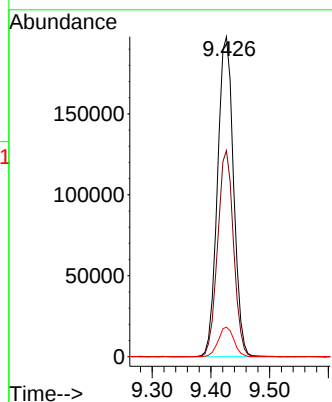
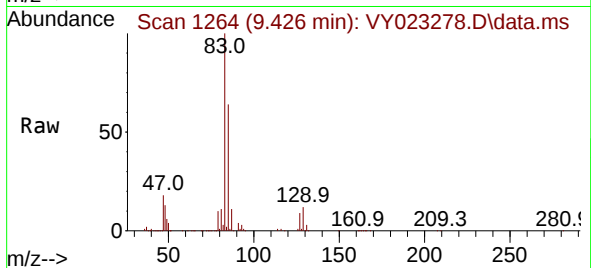
Tgt Ion: 83 Resp: 374082

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 51.135 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

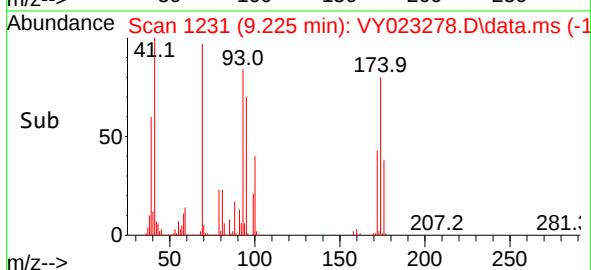
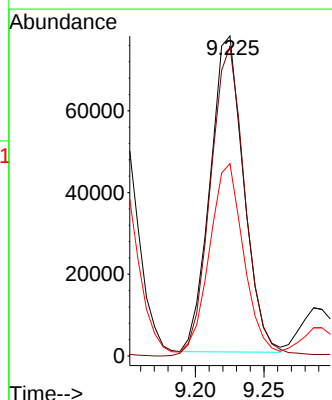
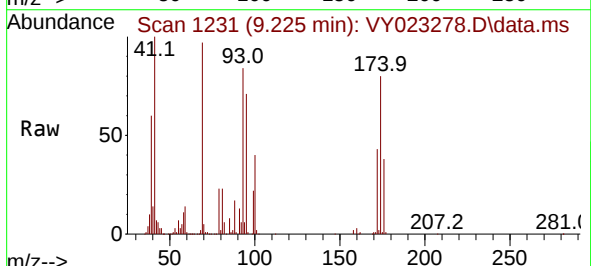
Tgt Ion: 41 Resp: 131907

Ion Ratio Lower Upper

41 100

69 100.6 73.2 109.8

39 59.5 47.0 70.4





#49

1,4-Dioxane

Concen: 1104.254 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

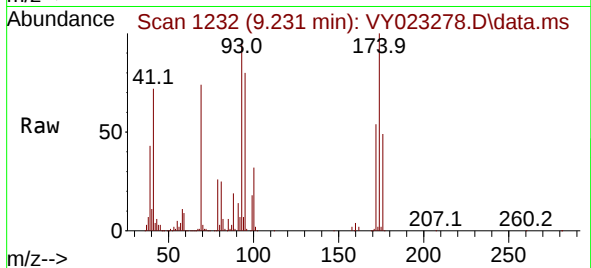
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :



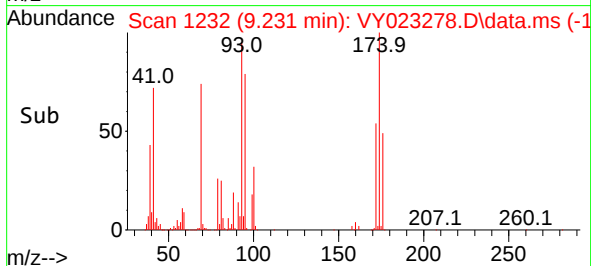
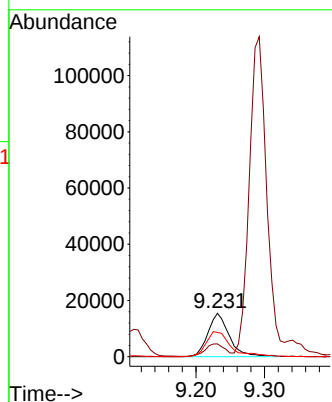
Tgt Ion: 88 Resp: 33462

Ion Ratio Lower Upper

88 100

43 26.0 24.3 36.5

58 67.6 55.4 83.0



#50

Toluene-d8

Concen: 52.314 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023278.D

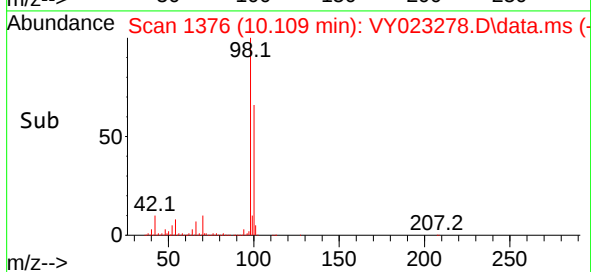
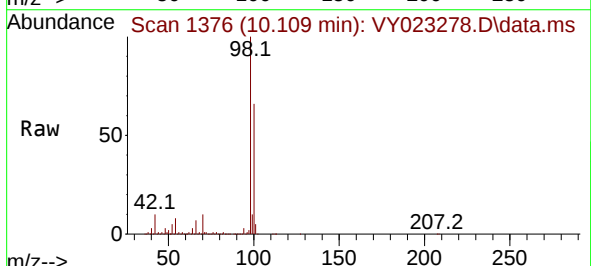
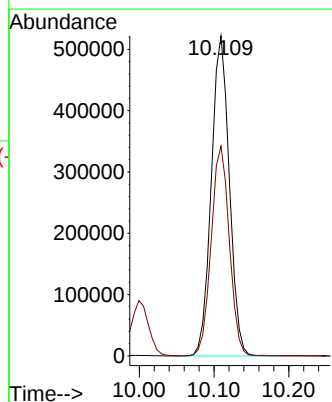
Acq: 04 Sep 2025 08:56

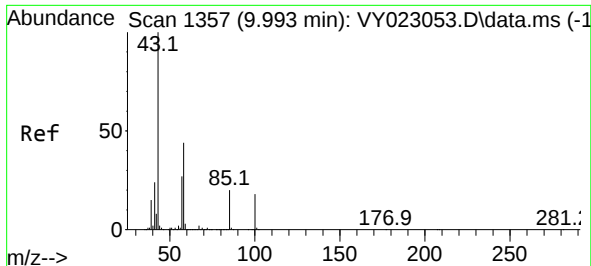
Tgt Ion: 98 Resp: 873119

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 270.028 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

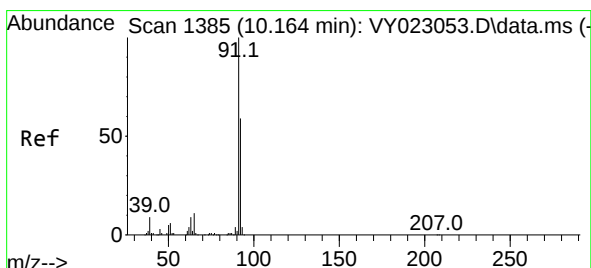
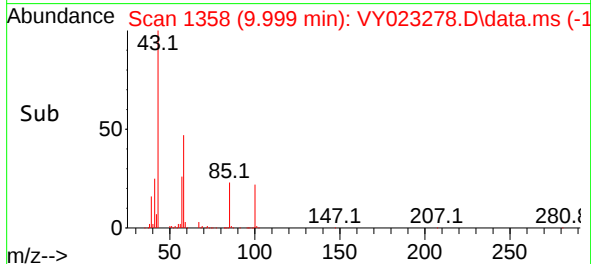
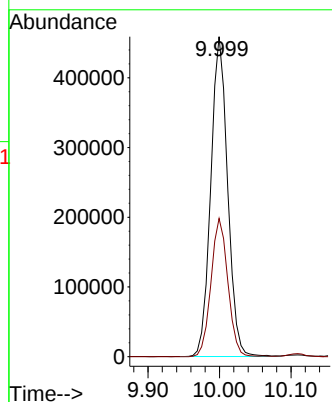
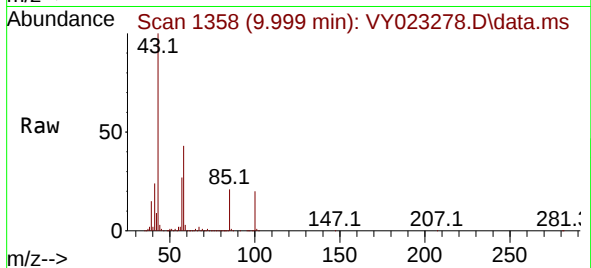
ClientSampleId :

Tgt Ion: 43 Resp: 750860

Ion Ratio Lower Upper

43 100

58 43.3 33.5 50.3



#52

Toluene

Concen: 55.373 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023278.D

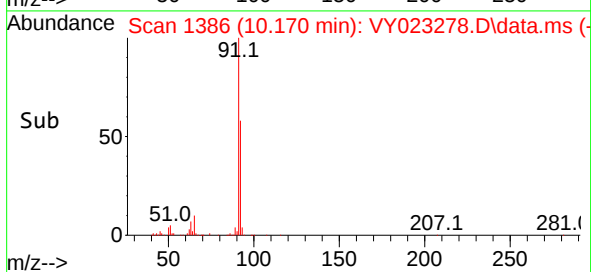
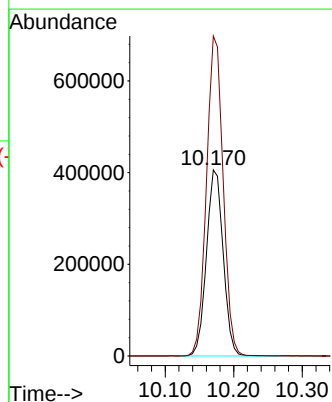
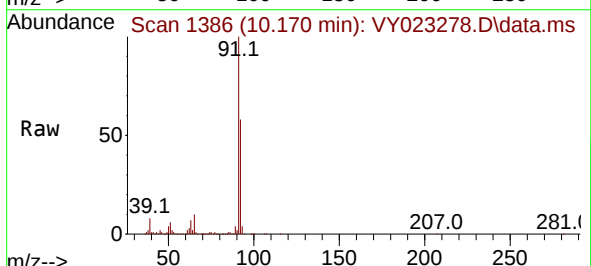
Acq: 04 Sep 2025 08:56

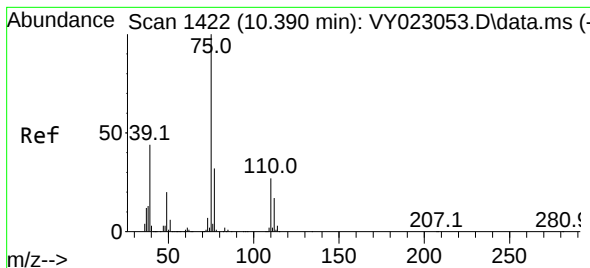
Tgt Ion: 92 Resp: 688223

Ion Ratio Lower Upper

92 100

91 171.5 136.4 204.6

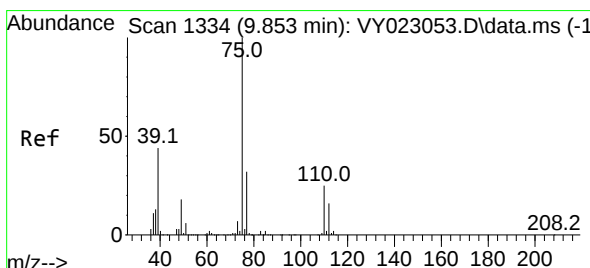
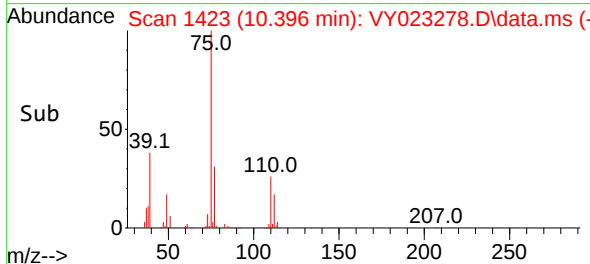
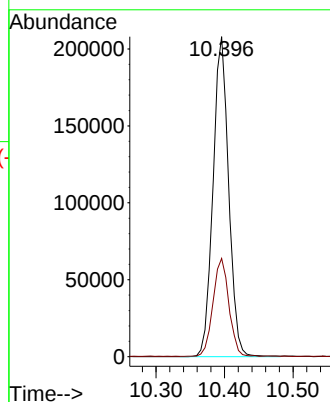
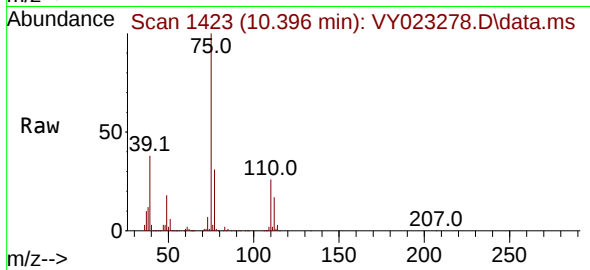




#53
t-1,3-Dichloropropene
Concen: 54.722 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

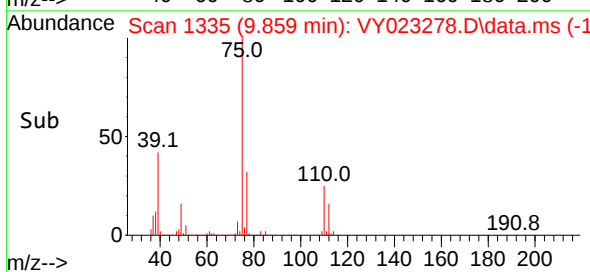
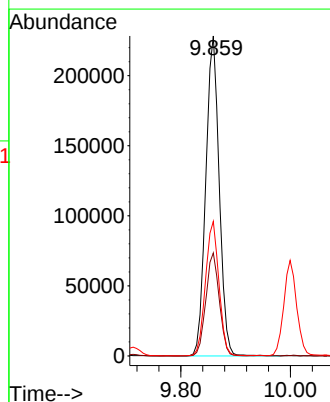
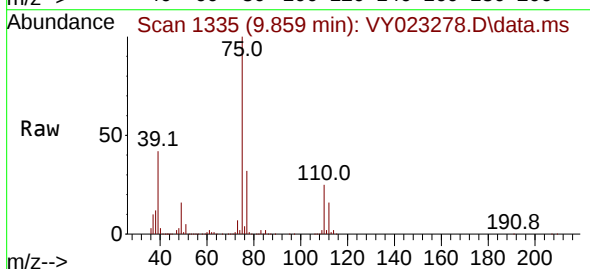
Instrument :
MSVOA_Y
ClientSampleId :

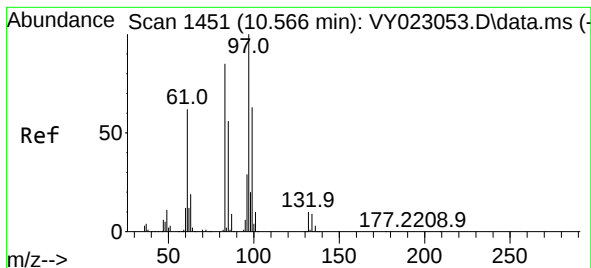
Tgt Ion: 75 Resp: 329529
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 54.322 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 75 Resp: 386812
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 42.0 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 57.952 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 200410

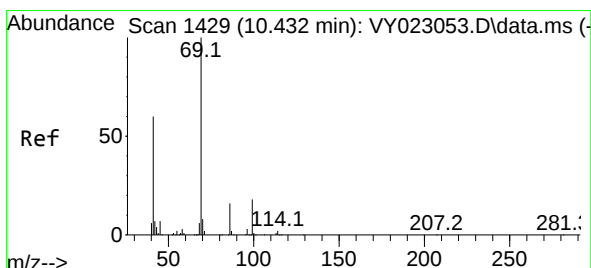
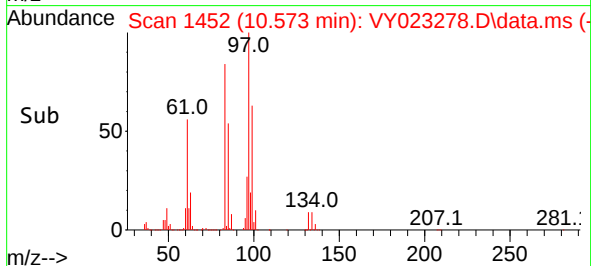
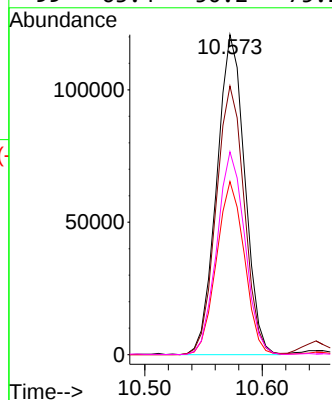
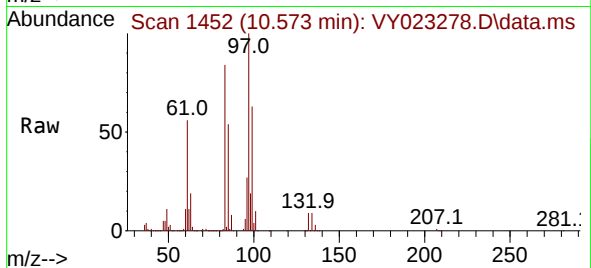
Ion Ratio Lower Upper

97 100

83 83.9 67.7 101.5

85 54.1 44.5 66.7

99 63.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 54.932 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

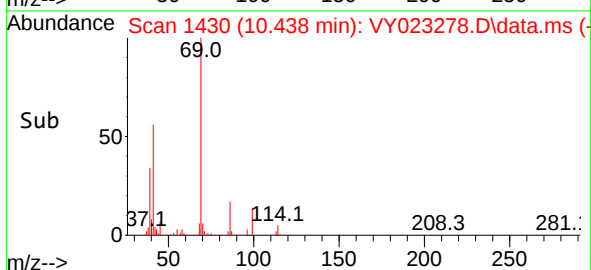
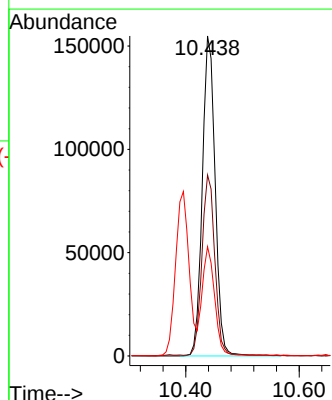
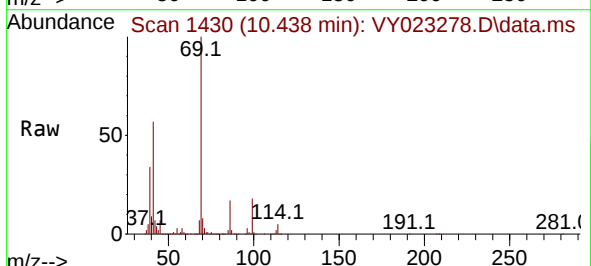
Tgt Ion: 69 Resp: 243081

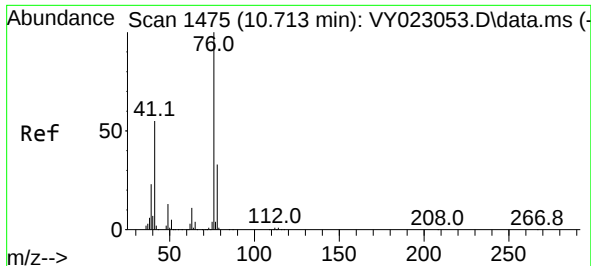
Ion Ratio Lower Upper

69 100

41 56.5 48.6 72.8

39 32.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 55.270 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

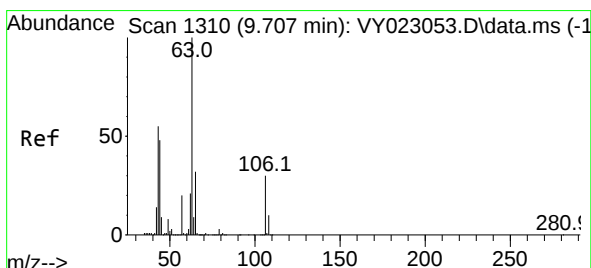
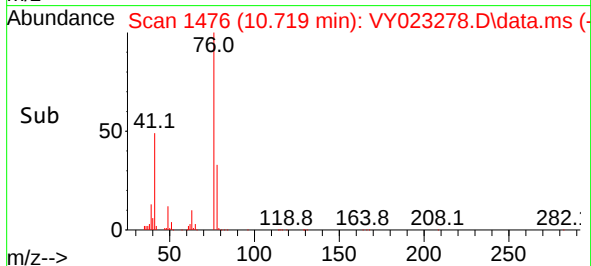
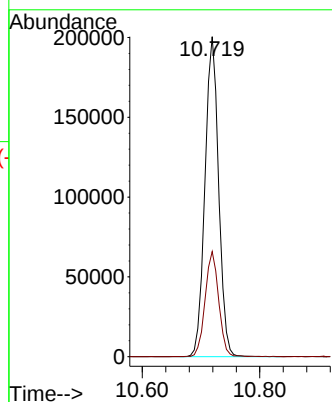
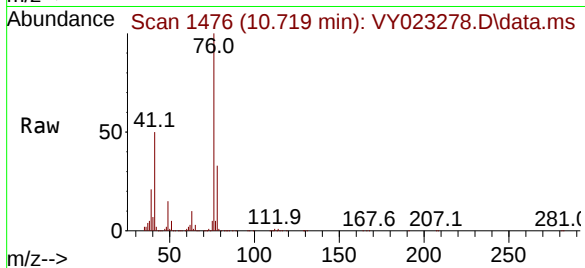
ClientSampleId :

Tgt Ion: 76 Resp: 324148

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 247.791 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023278.D

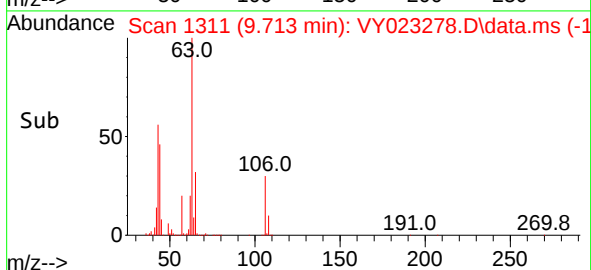
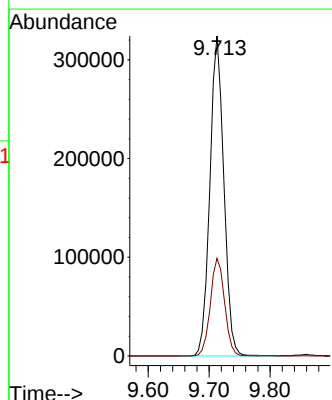
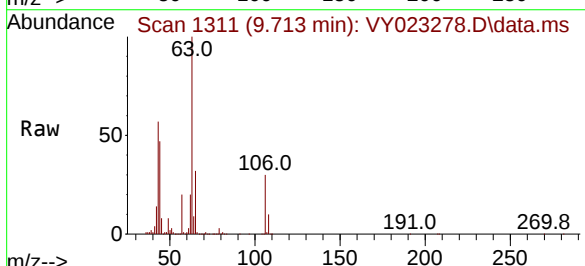
Acq: 04 Sep 2025 08:56

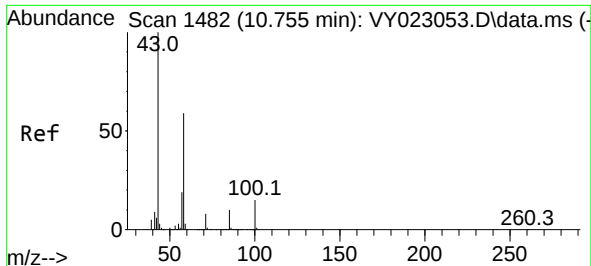
Tgt Ion: 63 Resp: 517217

Ion Ratio Lower Upper

63 100

106 31.0 23.2 34.8





#59

2-Hexanone

Concen: 283.057 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

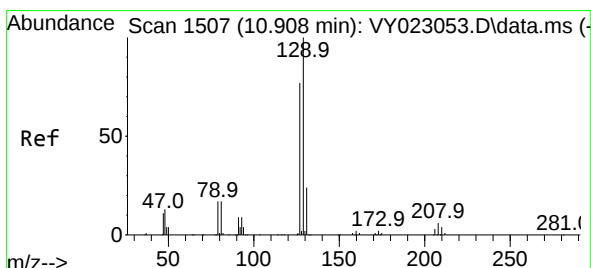
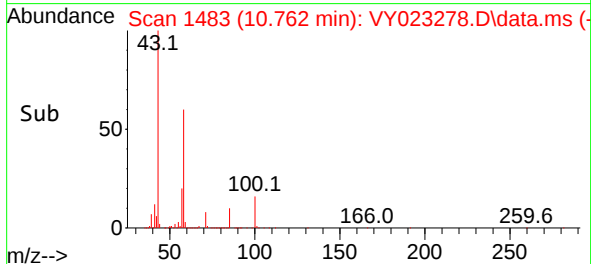
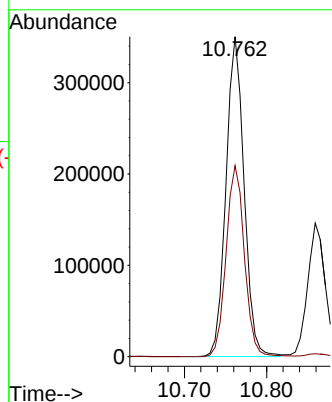
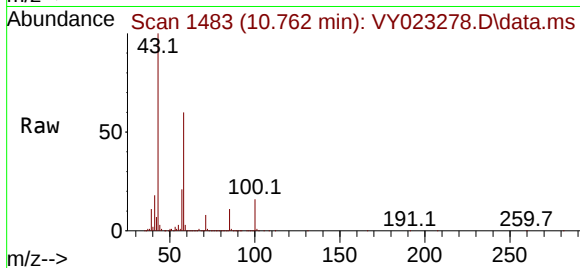
ClientSampleId :

Tgt Ion: 43 Resp: 535953

Ion Ratio Lower Upper

43 100

58 60.5 29.5 88.5



#60

Dibromochloromethane

Concen: 60.069 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023278.D

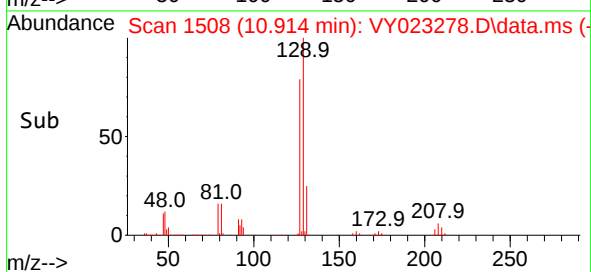
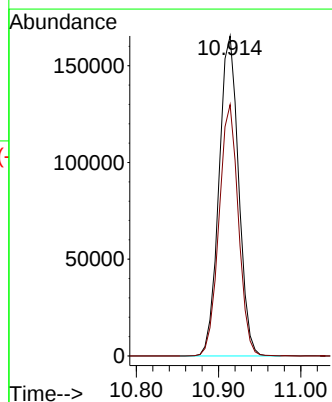
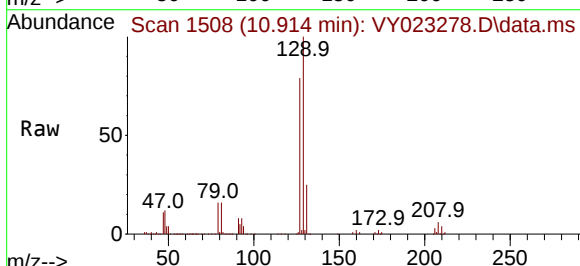
Acq: 04 Sep 2025 08:56

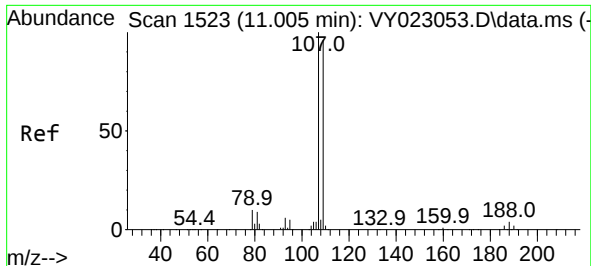
Tgt Ion:129 Resp: 274099

Ion Ratio Lower Upper

129 100

127 77.4 38.5 115.5

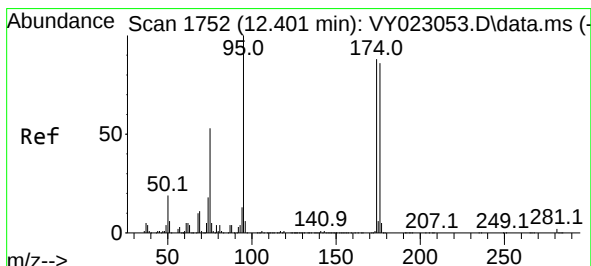
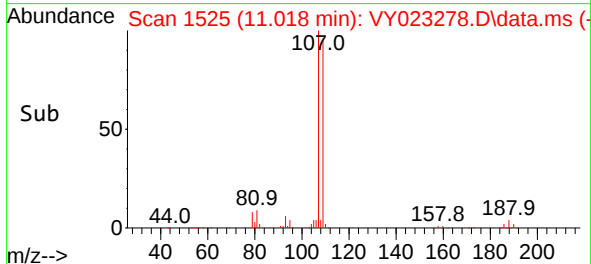
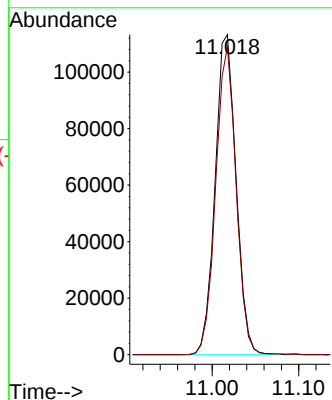
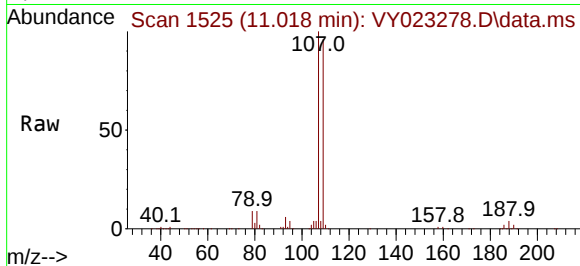




#61
1,2-Dibromoethane
Concen: 58.579 ug/l
RT: 11.018 min Scan# 11018
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

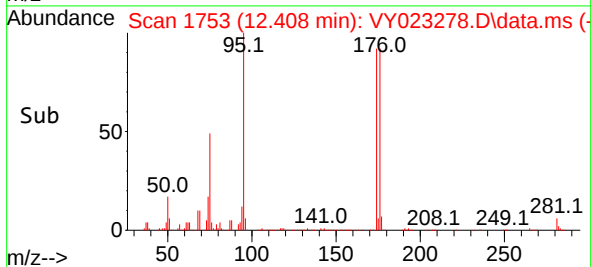
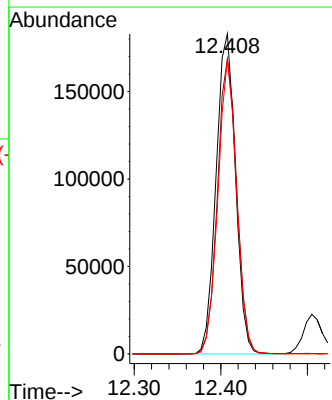
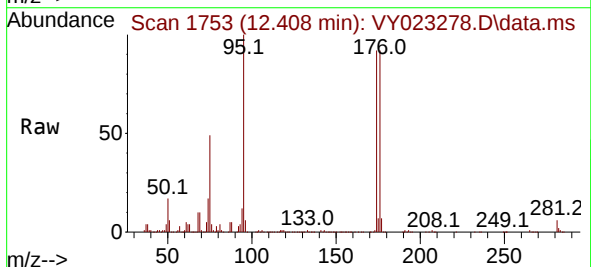
Instrument :
MSVOA_Y
ClientSampleId :

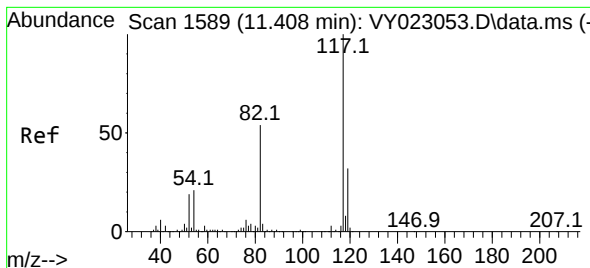
Tgt Ion:107 Resp: 190399
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.016 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 95 Resp: 284561
Ion Ratio Lower Upper
95 100
174 92.0 0.0 171.6
176 88.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

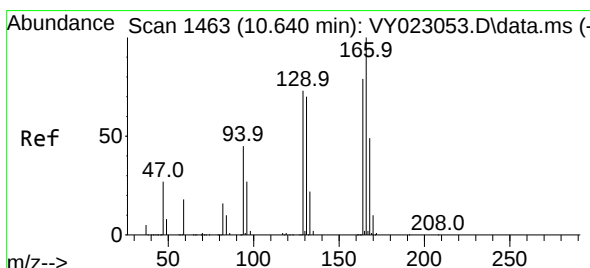
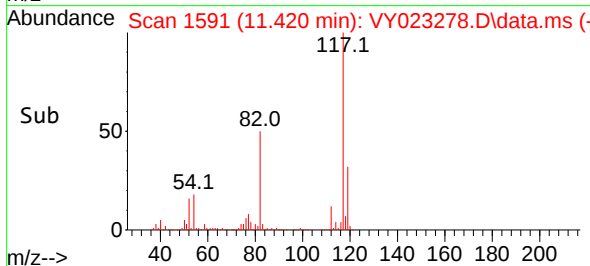
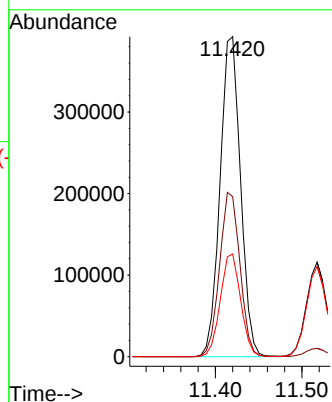
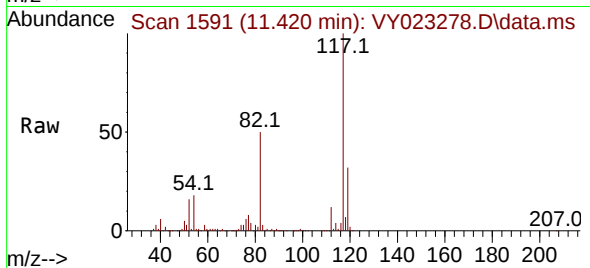
Tgt Ion:117 Resp: 643958

Ion Ratio Lower Upper

117 100

82 50.0 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 58.619 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Tgt Ion:164 Resp: 337069

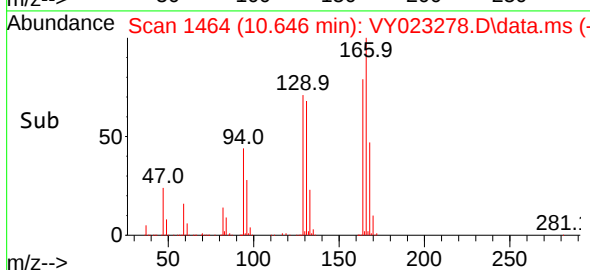
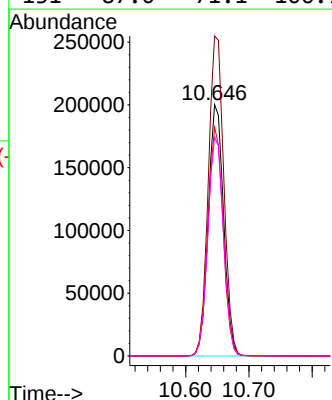
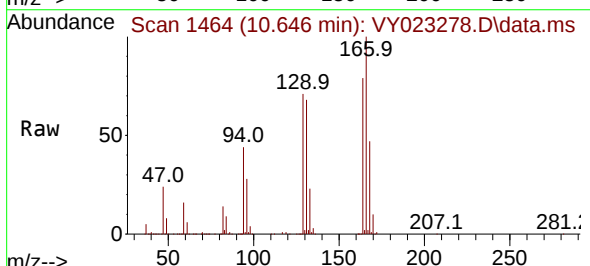
Ion Ratio Lower Upper

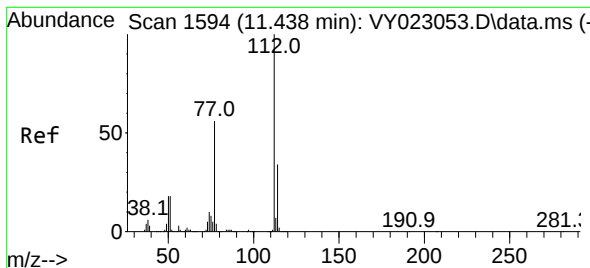
164 100

166 127.3 101.1 151.7

129 91.0 74.0 111.0

131 87.0 71.1 106.7





#65

Chlorobenzene

Concen: 55.239 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

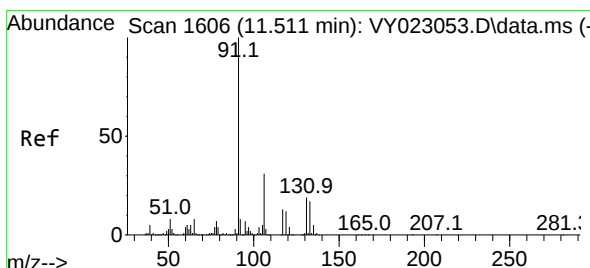
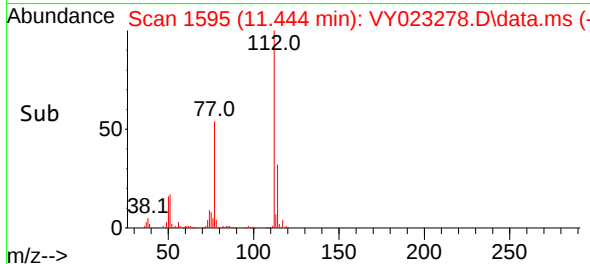
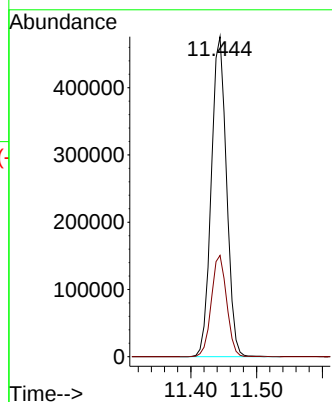
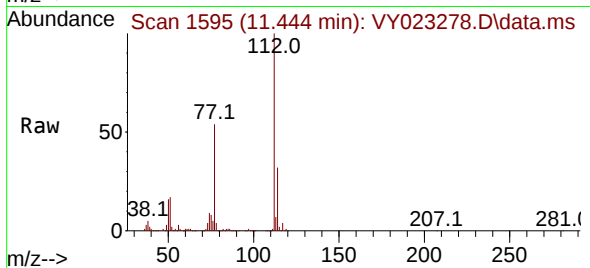
ClientSampleId :

Tgt Ion:112 Resp: 767280

Ion Ratio Lower Upper

112 100

114 31.6 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 57.483 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

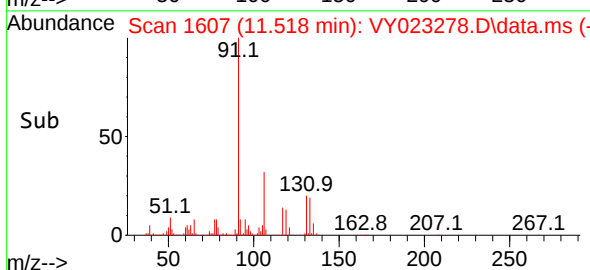
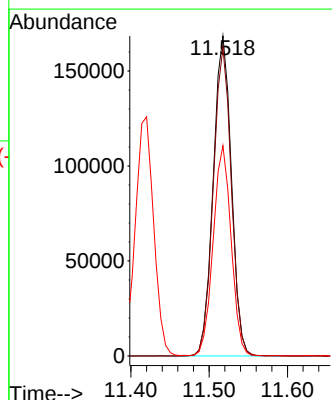
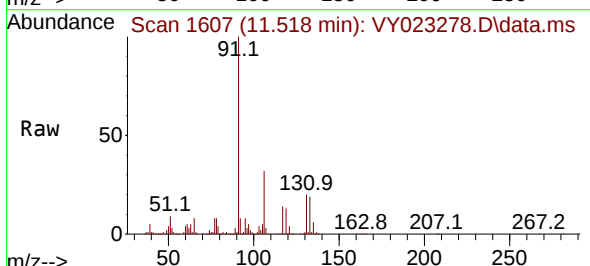
Tgt Ion:131 Resp: 270985

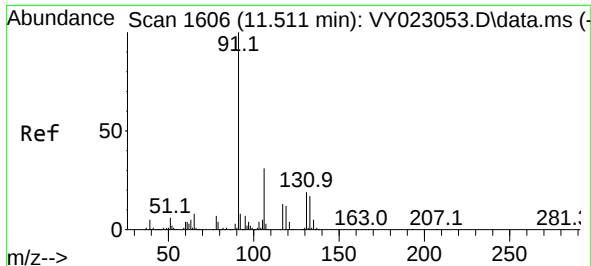
Ion Ratio Lower Upper

131 100

133 96.1 46.9 140.6

119 65.1 33.2 99.6





#67

Ethyl Benzene

Concen: 54.309 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

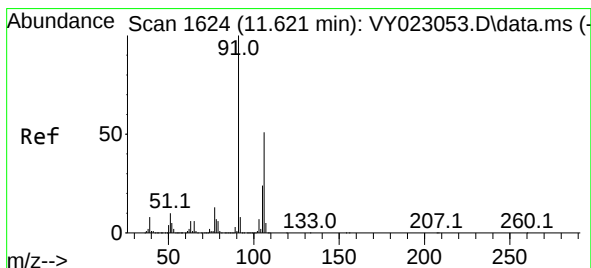
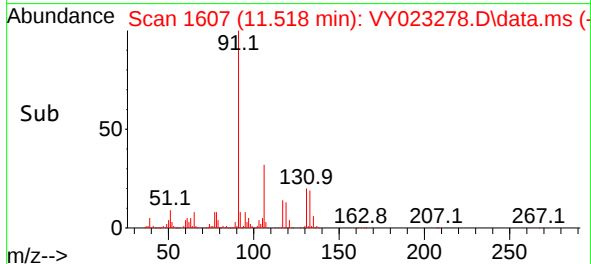
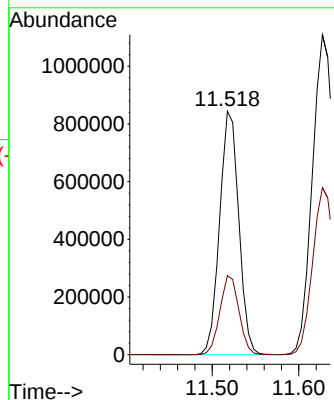
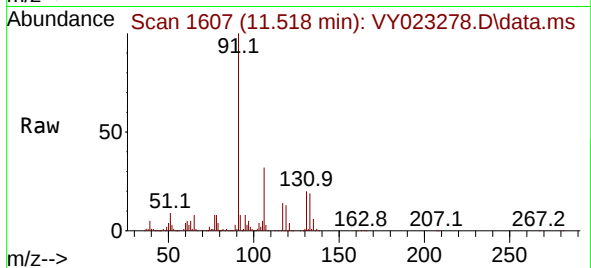
ClientSampleId :

Tgt Ion: 91 Resp: 1298180

Ion Ratio Lower Upper

91 100

106 32.5 25.0 37.4



#68

m/p-Xylenes

Concen: 111.012 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023278.D

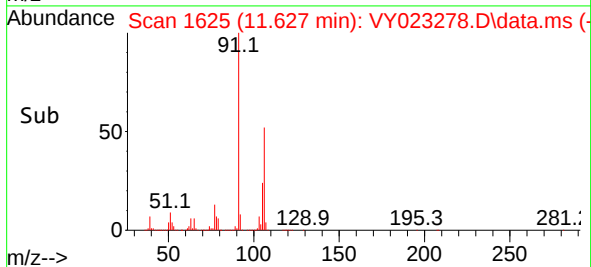
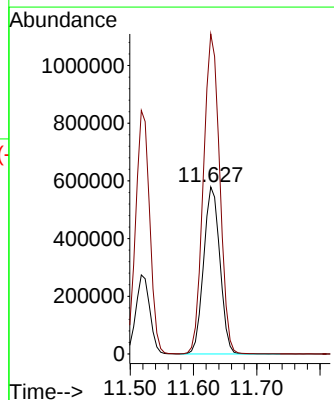
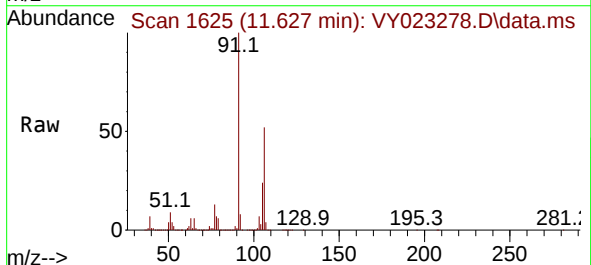
Acq: 04 Sep 2025 08:56

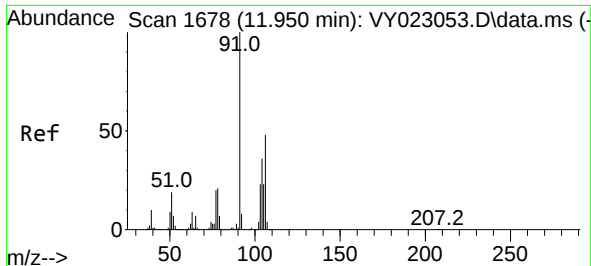
Tgt Ion:106 Resp: 1036399

Ion Ratio Lower Upper

106 100

91 192.3 158.6 238.0

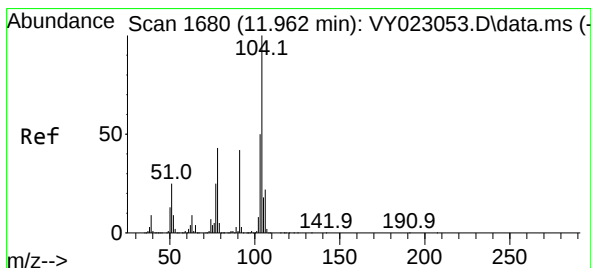
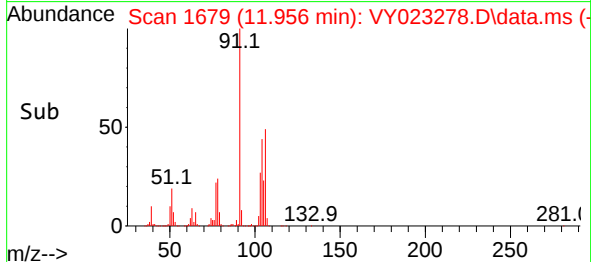
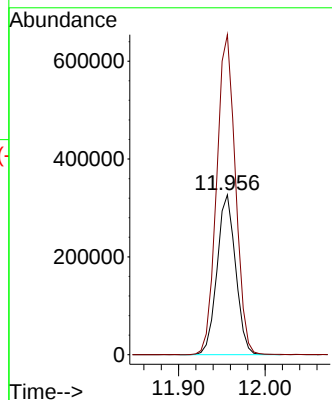
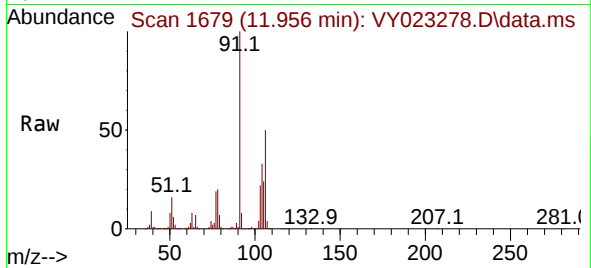




#69
o-Xylene
Concen: 55.566 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

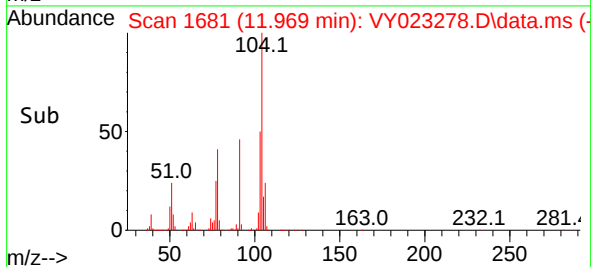
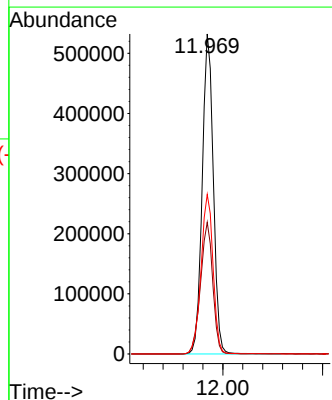
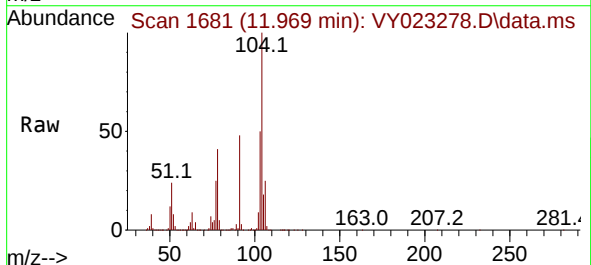
Instrument :
MSVOA_Y
ClientSampleId :

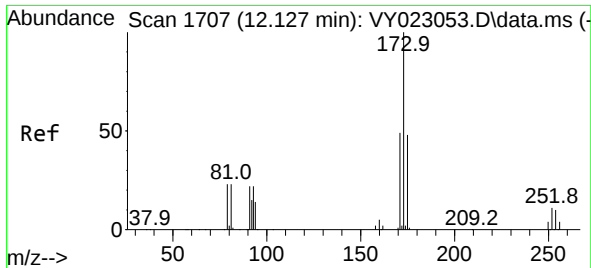
Tgt Ion:106 Resp: 485868
Ion Ratio Lower Upper
106 100
91 202.7 103.2 309.4



#70
Styrene
Concen: 57.495 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion:104 Resp: 822156
Ion Ratio Lower Upper
104 100
78 45.1 38.5 57.7
103 54.1 43.7 65.5

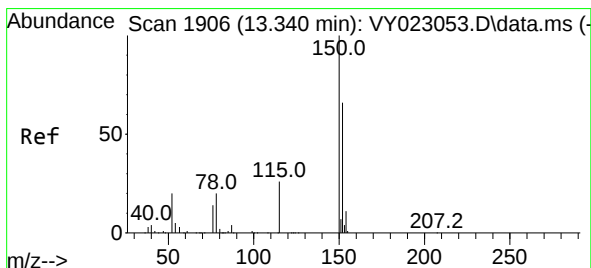
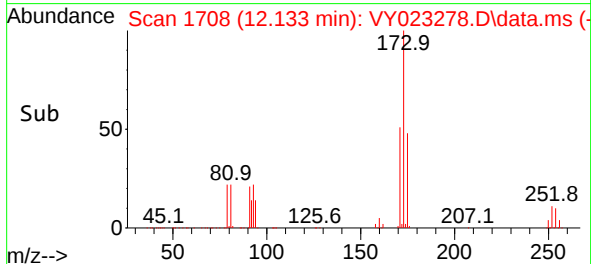
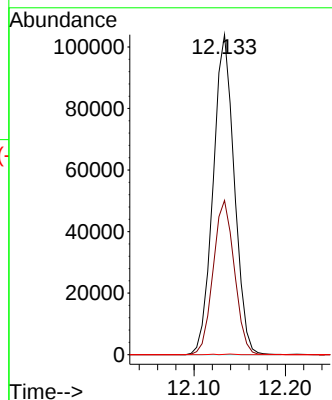
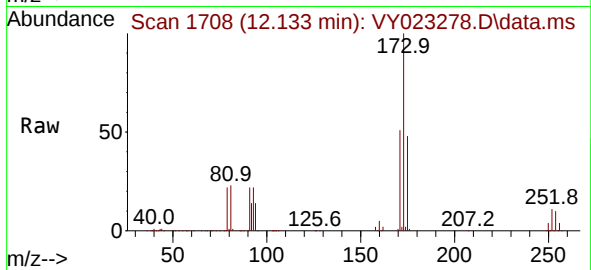




#71
Bromoform
Concen: 60.614 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

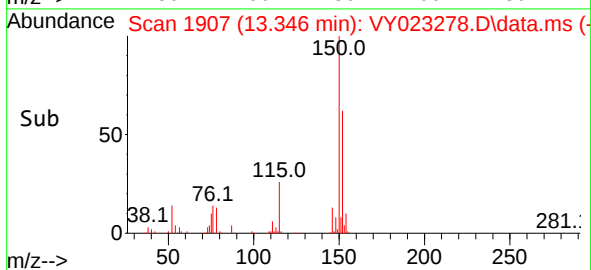
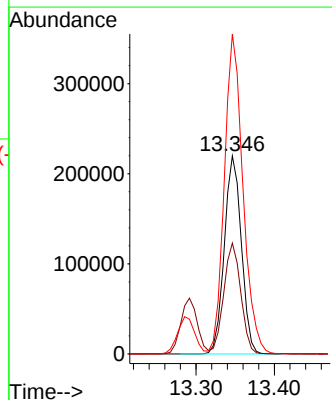
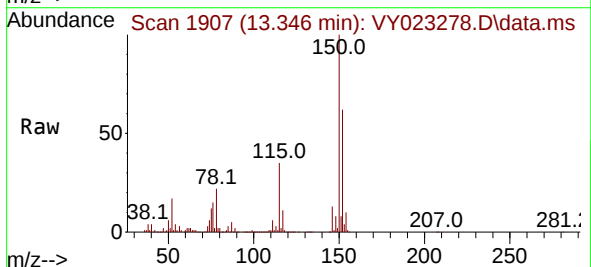
Instrument :
MSVOA_Y
ClientSampleId :

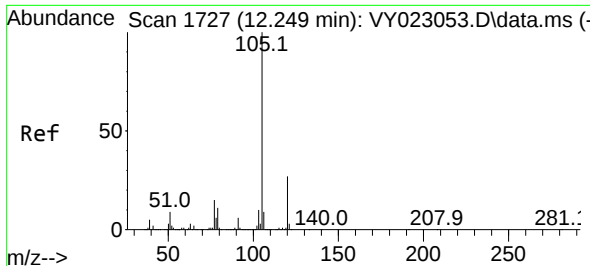
Tgt Ion:173 Resp: 167005
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion:152 Resp: 332706
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.6
150 175.9 0.0 348.0

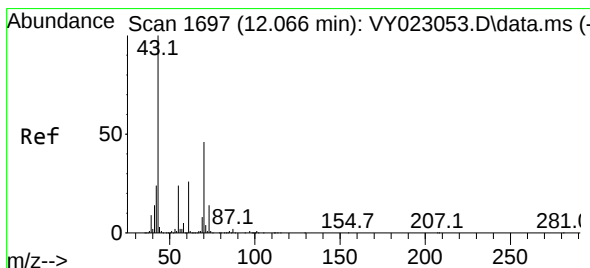
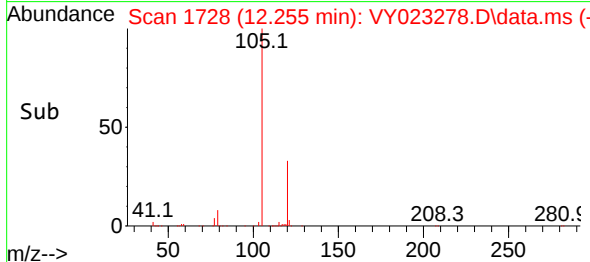
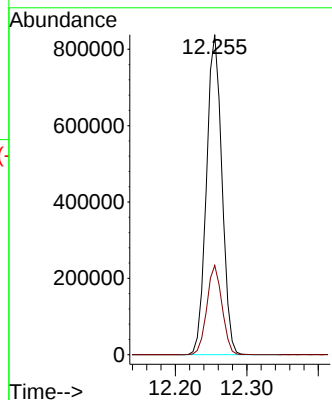
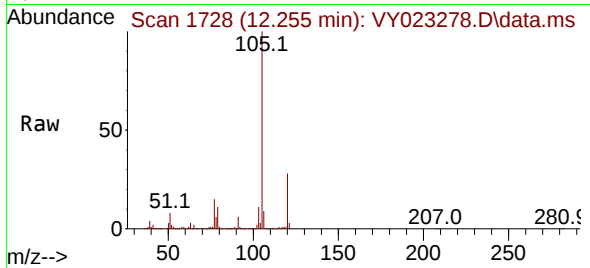




#73
Isopropylbenzene
Concen: 53.531 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

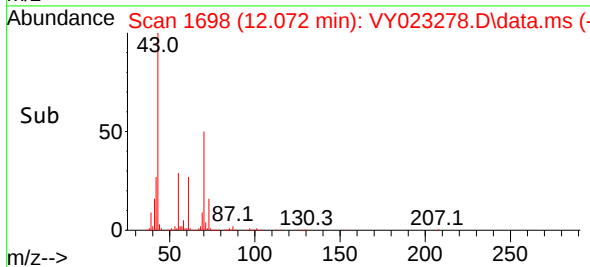
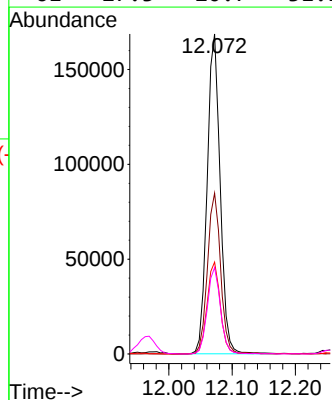
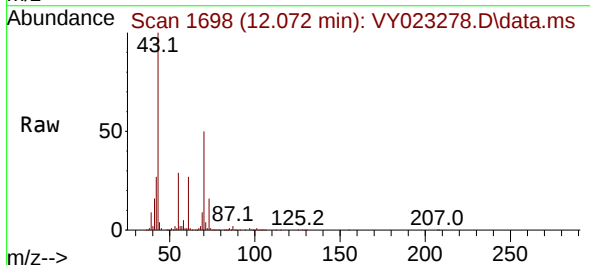
Instrument :
MSVOA_Y
ClientSampleId :

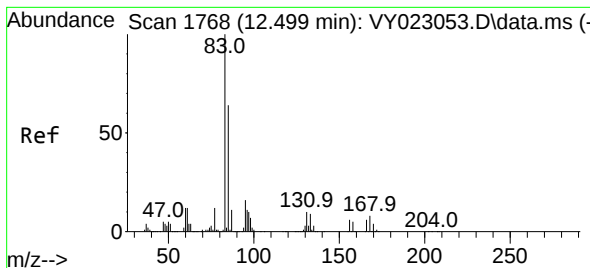
Tgt Ion:105 Resp: 1257024
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 48.453 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 43 Resp: 241285
Ion Ratio Lower Upper
43 100
70 50.8 37.5 56.3
55 29.5 20.7 31.1
61 27.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.023 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

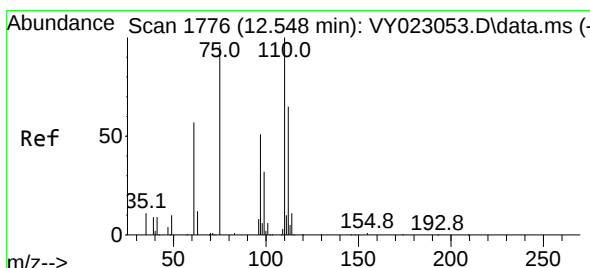
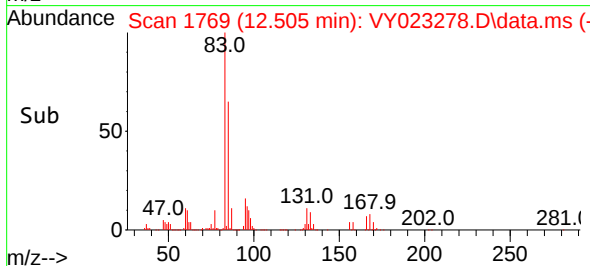
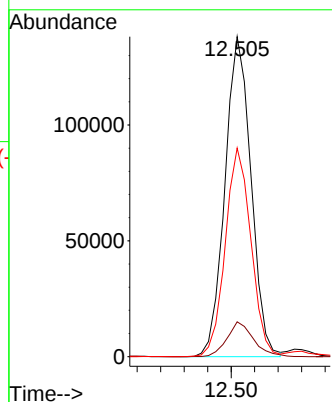
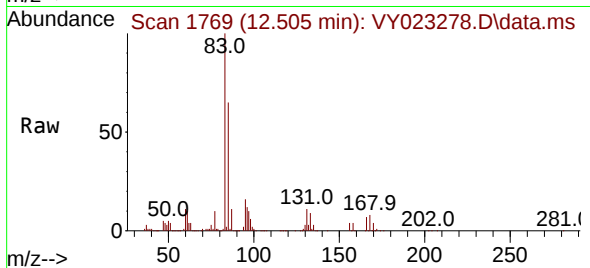
Tgt Ion: 83 Resp: 212596

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 64.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 88.501 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023278.D

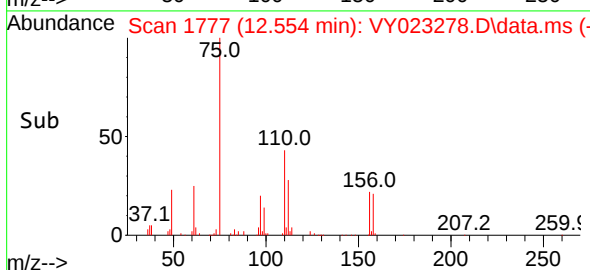
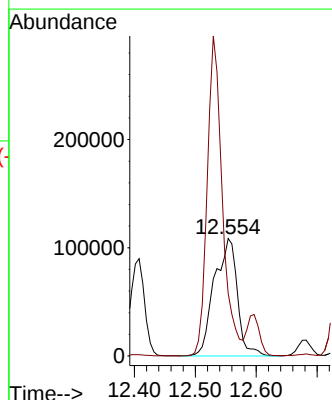
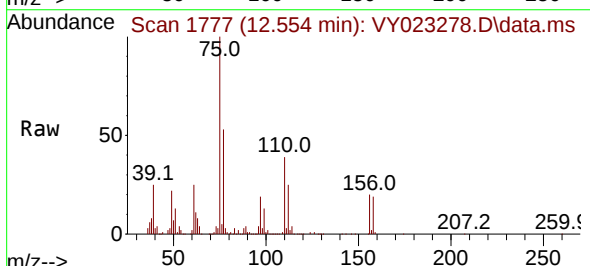
Acq: 04 Sep 2025 08:56

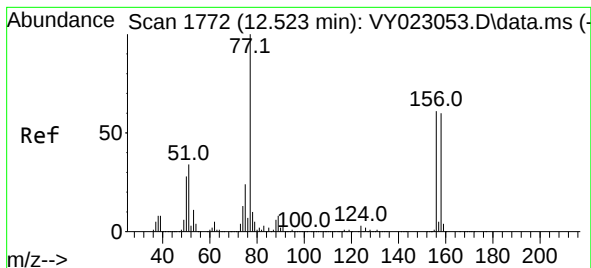
Tgt Ion: 75 Resp: 284174

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.529 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

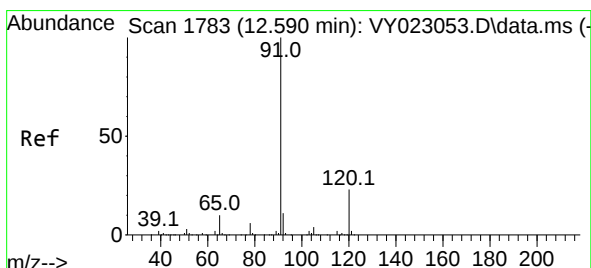
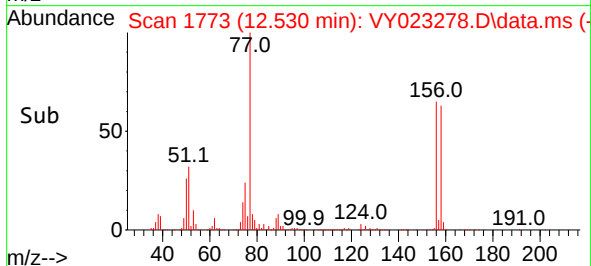
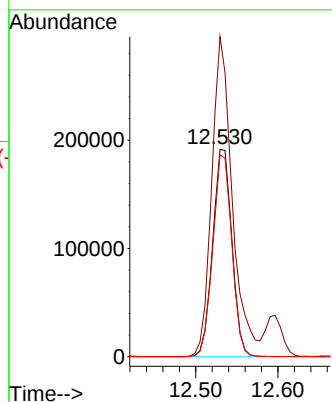
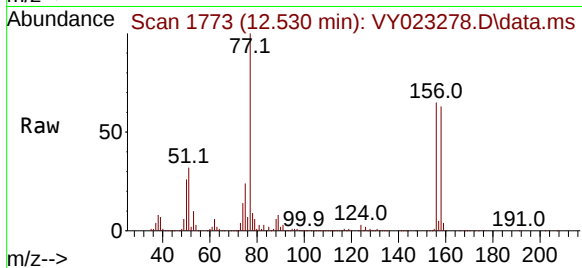
Tgt Ion:156 Resp: 311079

Ion Ratio Lower Upper

156 100

77 165.3 88.1 264.4

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 53.252 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023278.D

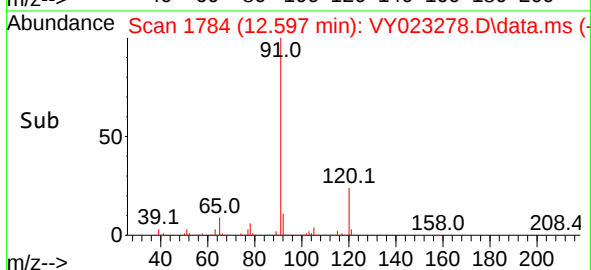
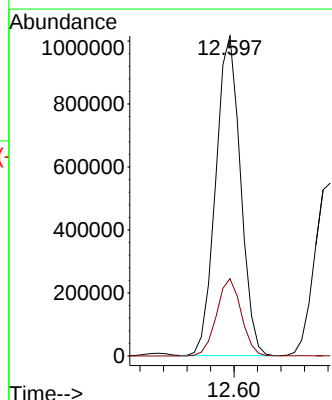
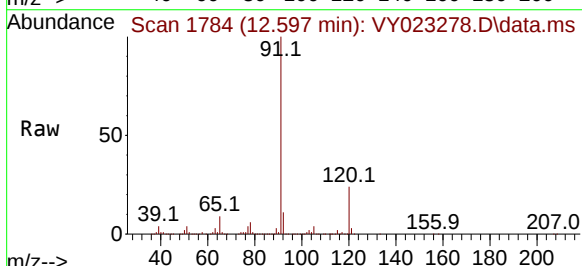
Acq: 04 Sep 2025 08:56

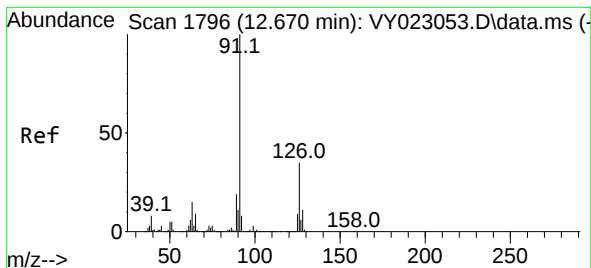
Tgt Ion: 91 Resp: 1488773

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 52.893 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.012 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

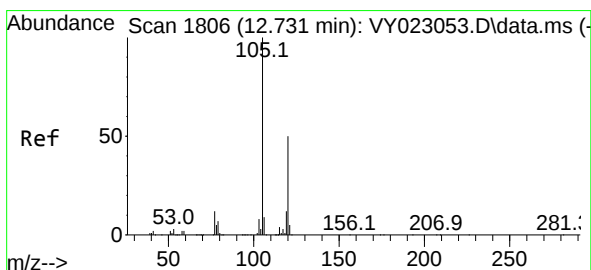
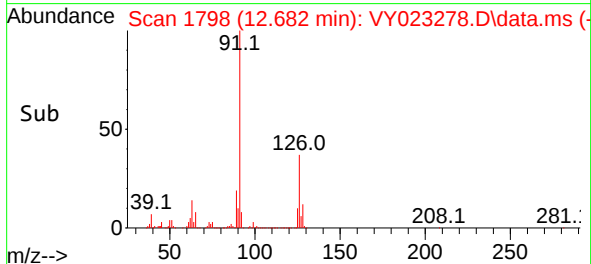
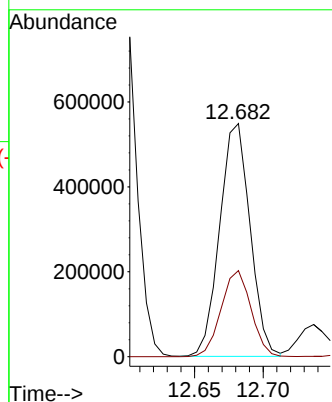
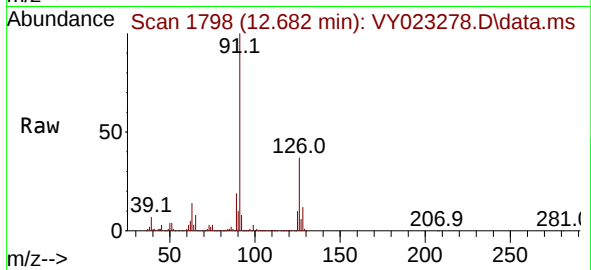
ClientSampleId :

Tgt Ion: 91 Resp: 847253

Ion Ratio Lower Upper

91 100

126 36.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 54.201 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023278.D

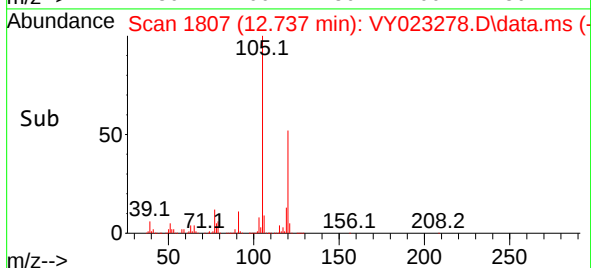
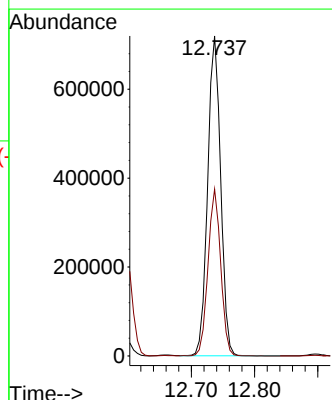
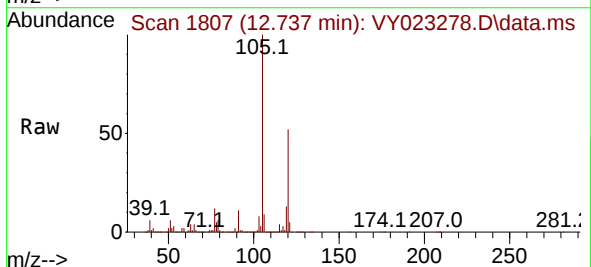
Acq: 04 Sep 2025 08:56

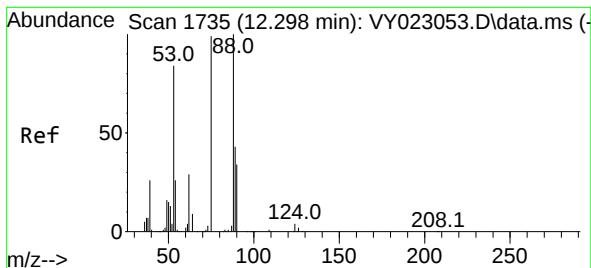
Tgt Ion: 105 Resp: 1028627

Ion Ratio Lower Upper

105 100

120 51.0 24.8 74.4

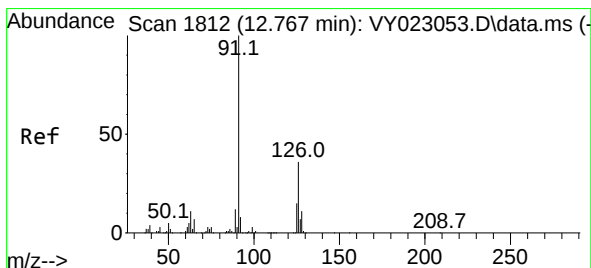
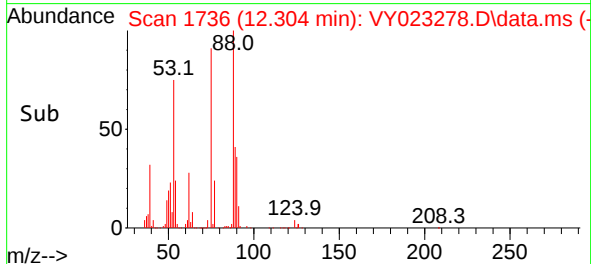
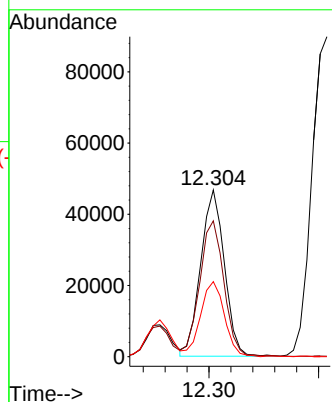
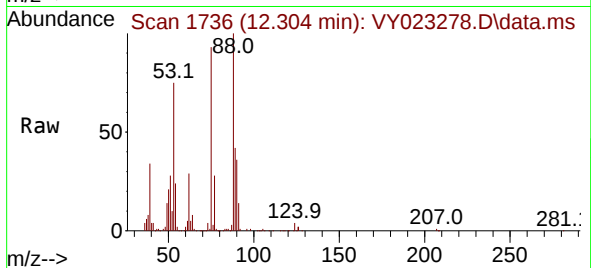




#81
trans-1,4-Dichloro-2-butene
Concen: 52.692 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

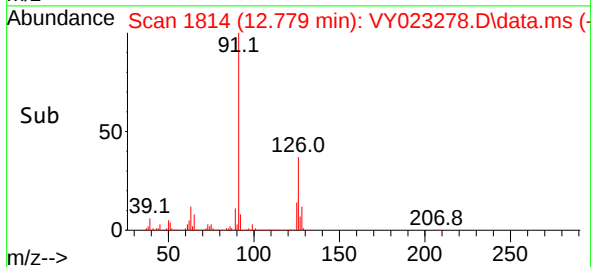
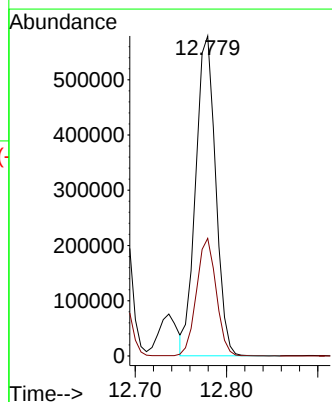
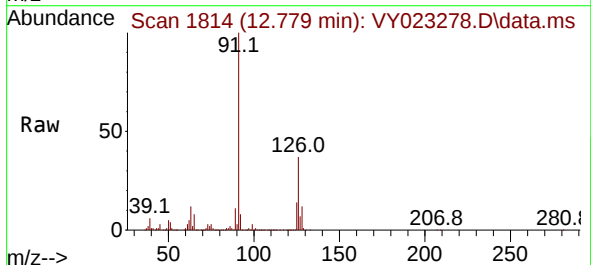
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69895
Ion Ratio Lower Upper
75 100
53 84.0 70.8 106.2
89 45.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.782 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 91 Resp: 877073
Ion Ratio Lower Upper
91 100
126 36.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 53.780 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

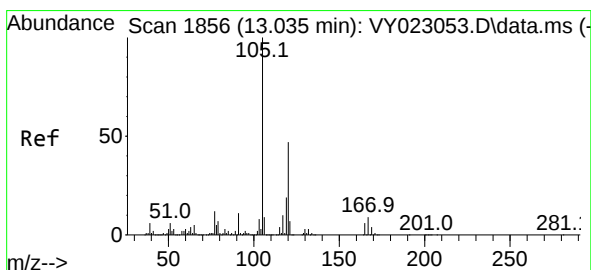
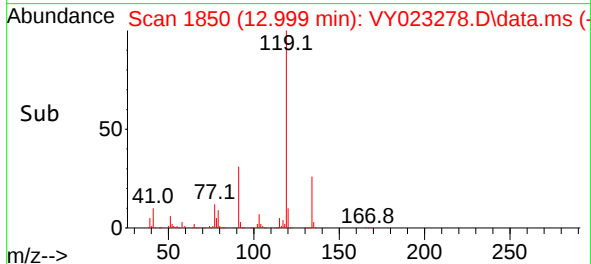
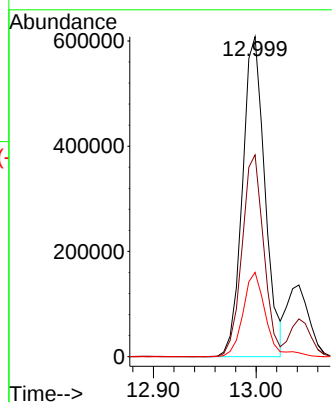
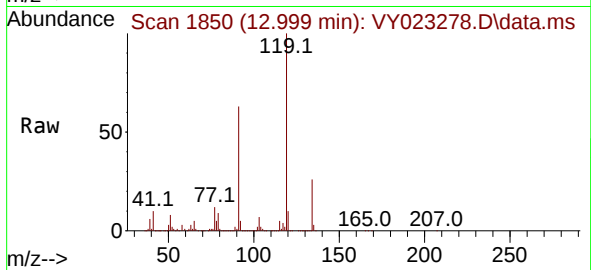
Tgt Ion:119 Resp: 921802

Ion Ratio Lower Upper

119 100

91 61.1 31.6 94.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.570 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023278.D

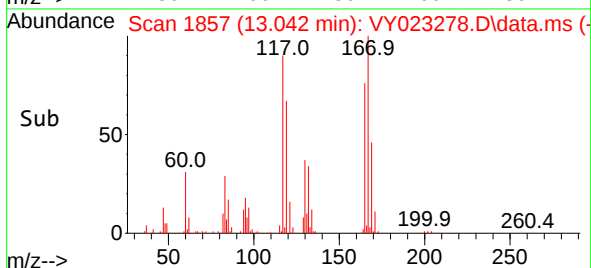
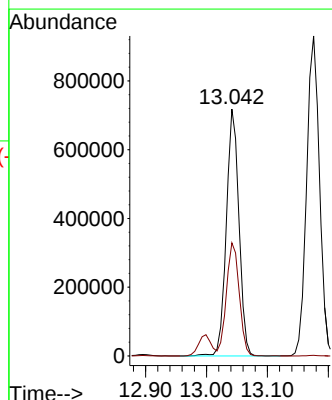
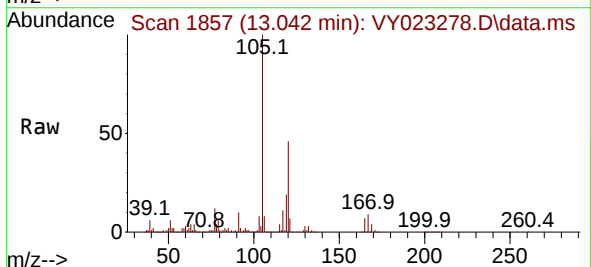
Acq: 04 Sep 2025 08:56

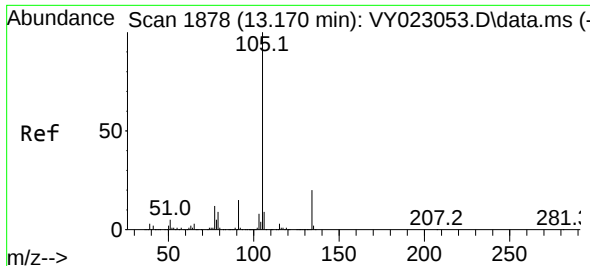
Tgt Ion:105 Resp: 1030922

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

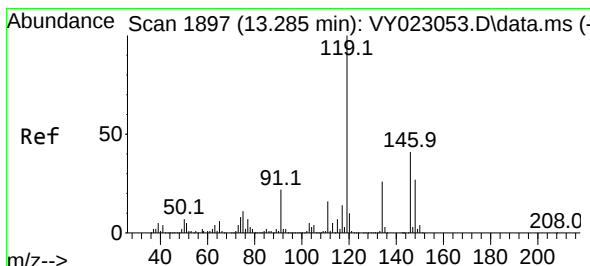
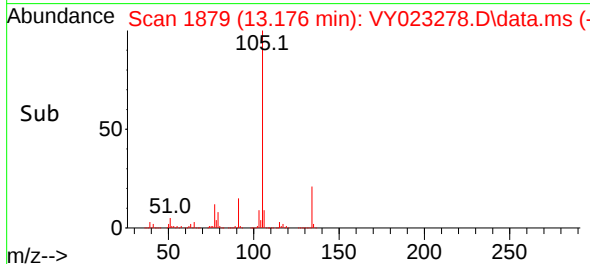
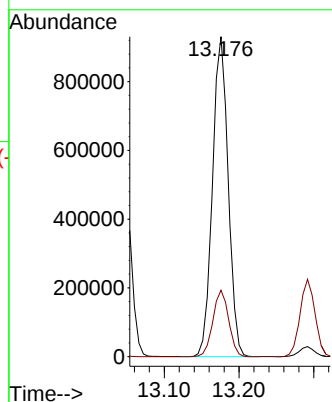
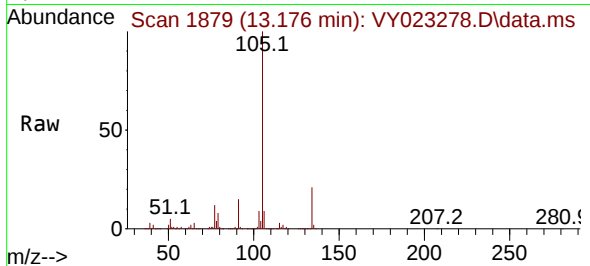




#85
 sec-Butylbenzene
 Concen: 54.056 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

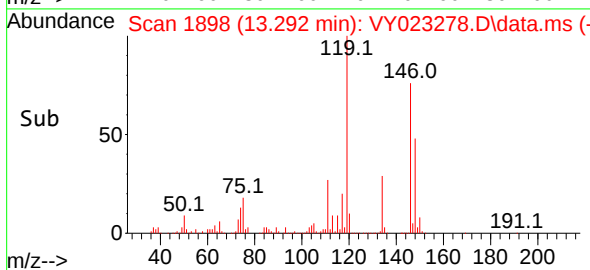
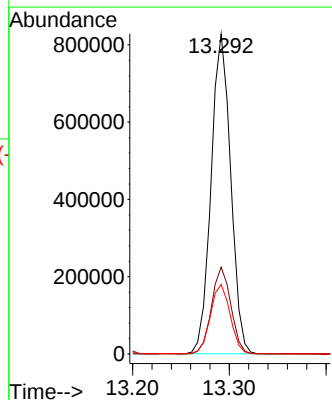
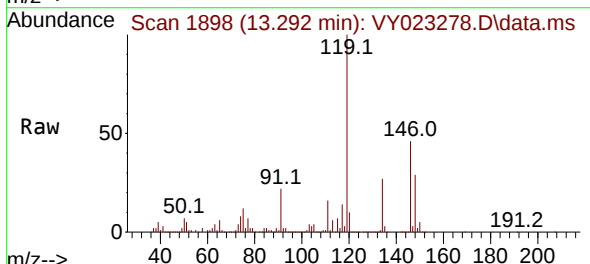
Instrument :
 MSVOA_Y
 ClientSampleId :

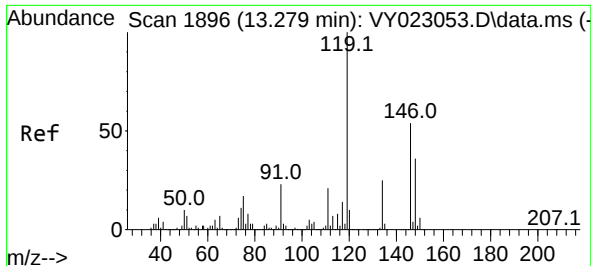
Tgt Ion:105 Resp: 1361057
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 55.713 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023278.D
 Acq: 04 Sep 2025 08:56

Tgt Ion:119 Resp: 1164385
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 55.892 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

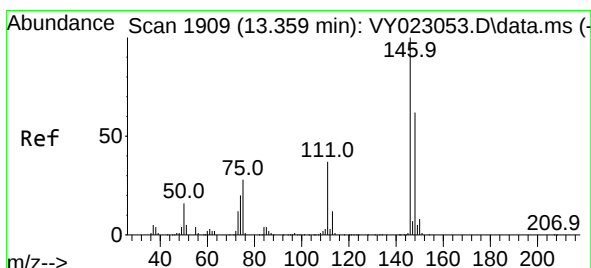
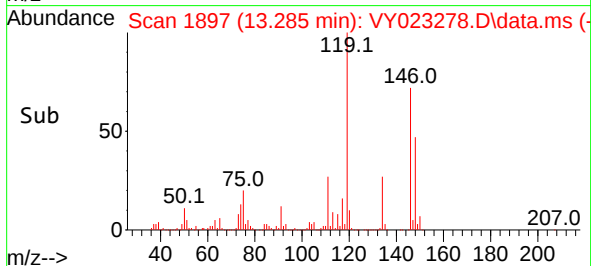
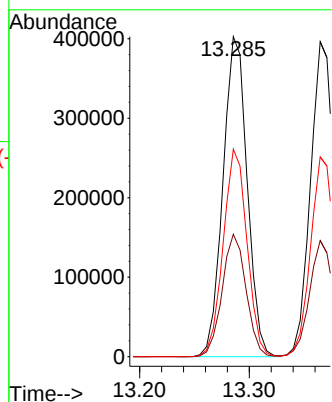
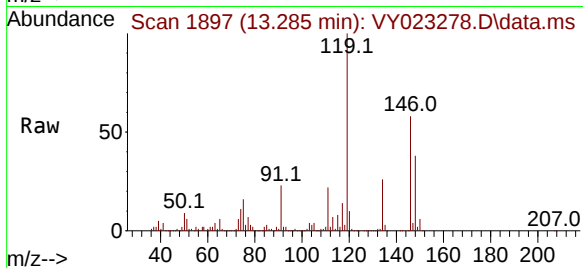
Tgt Ion:146 Resp: 617460

Ion Ratio Lower Upper

146 100

111 37.8 19.6 58.7

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 55.023 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

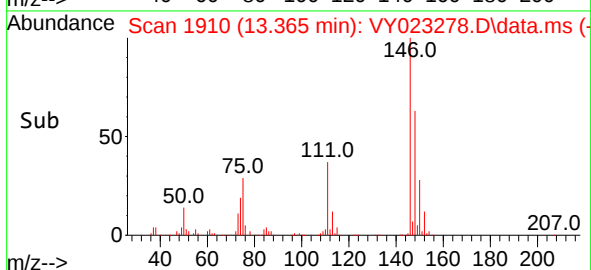
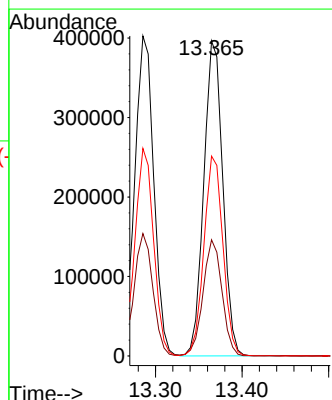
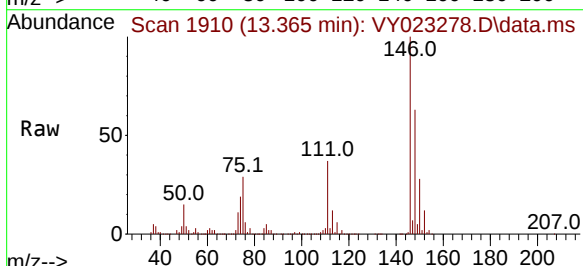
Tgt Ion:146 Resp: 602995

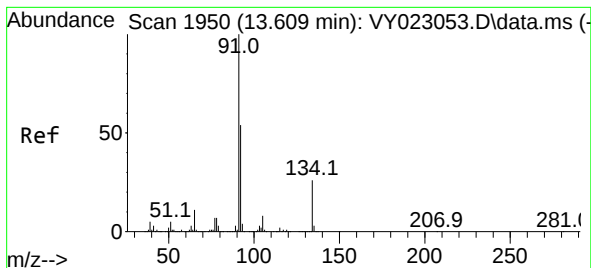
Ion Ratio Lower Upper

146 100

111 36.8 19.1 57.1

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 53.579 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

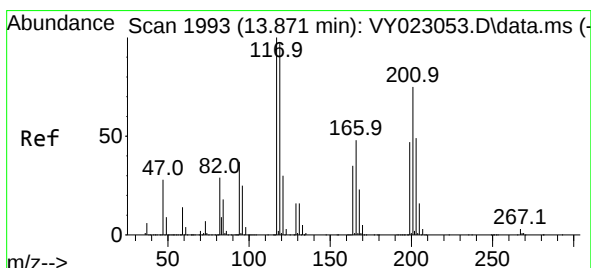
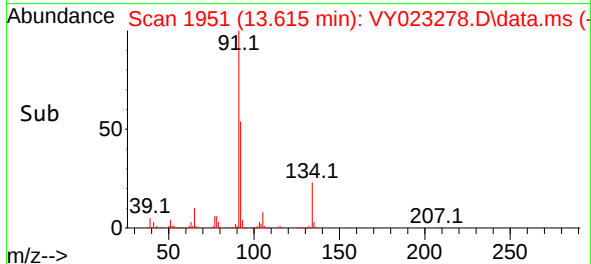
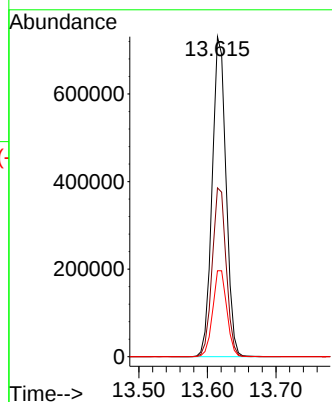
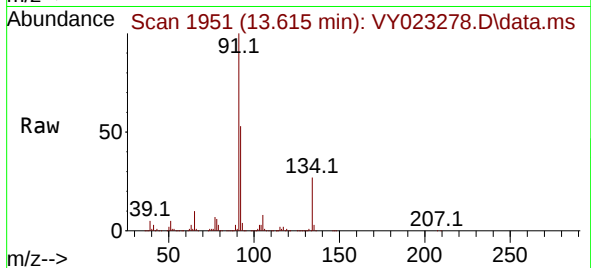
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1028462

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	27.3	13.2	39.5



#90

Hexachloroethane

Concen: 55.163 ug/l

RT: 13.883 min Scan# 1995

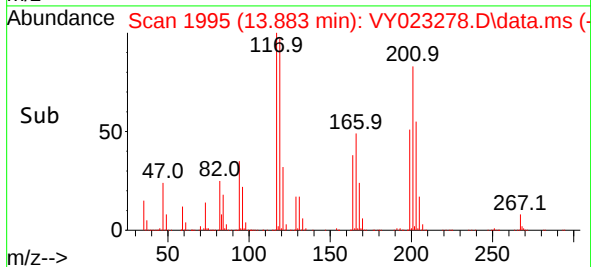
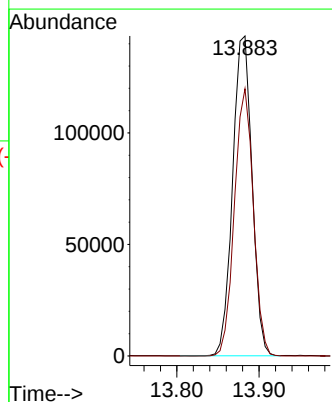
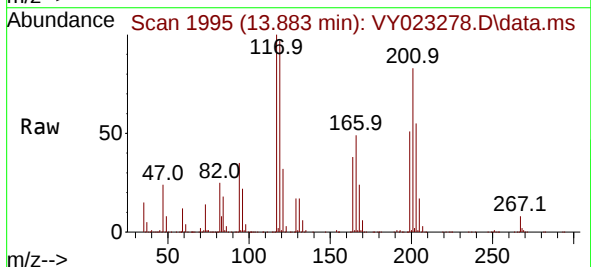
Delta R.T. 0.012 min

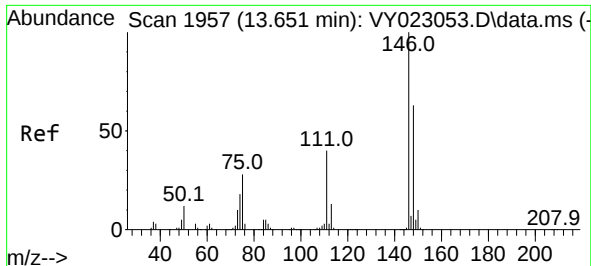
Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Tgt Ion: 117 Resp: 236009

Ion	Ratio	Lower	Upper
117	100		
201	81.2	38.4	115.1

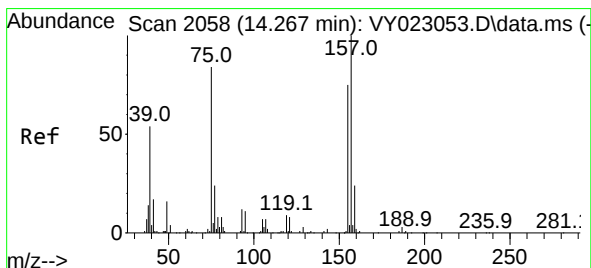
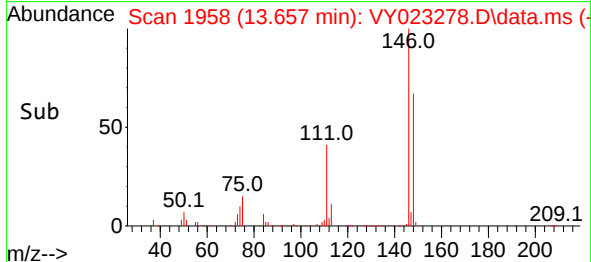
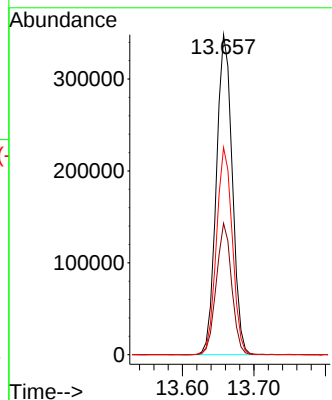
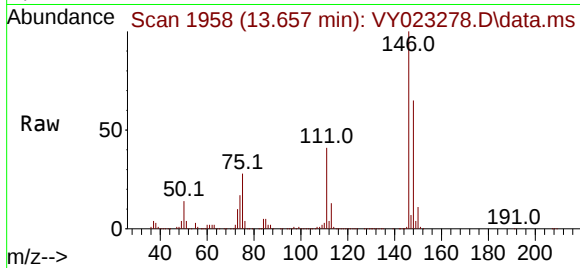




#91
1,2-Dichlorobenzene
Concen: 55.558 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

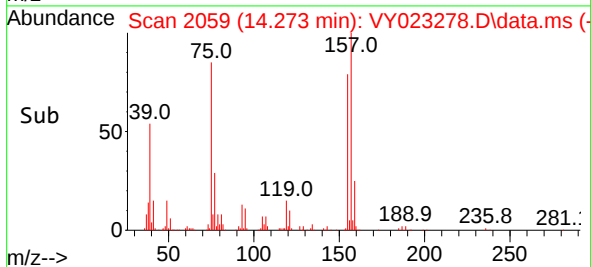
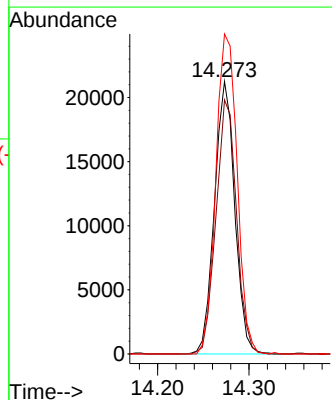
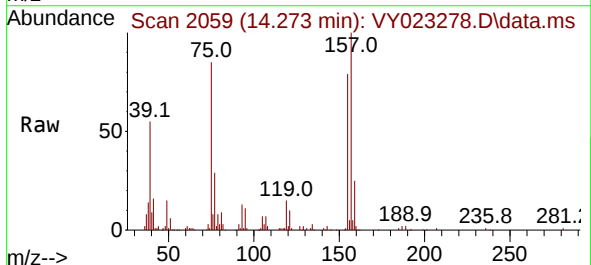
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 538284
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 64.3 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.503 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023278.D
Acq: 04 Sep 2025 08:56

Tgt Ion: 75 Resp: 32776
Ion Ratio Lower Upper
75 100
155 94.2 43.9 131.6
157 123.1 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 53.895 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

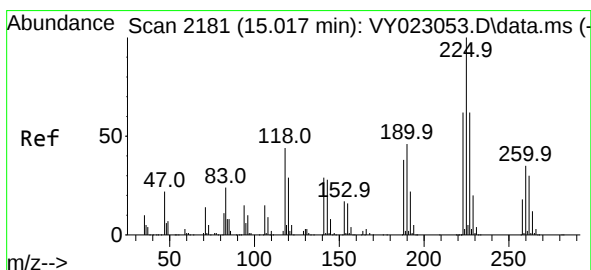
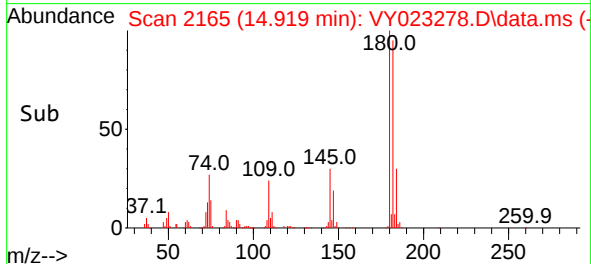
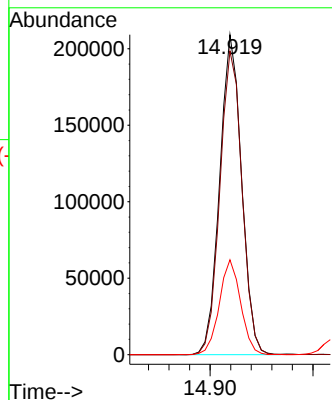
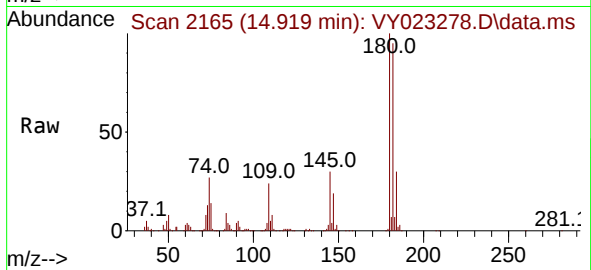
Tgt Ion:180 Resp: 308793

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 56.912 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

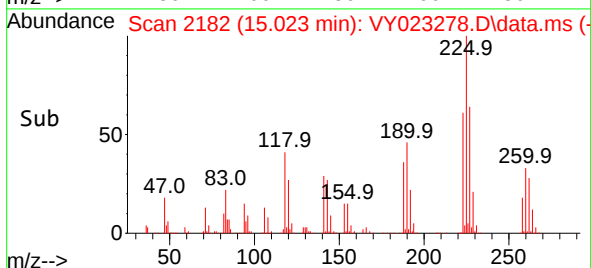
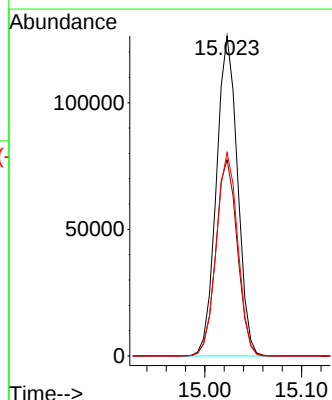
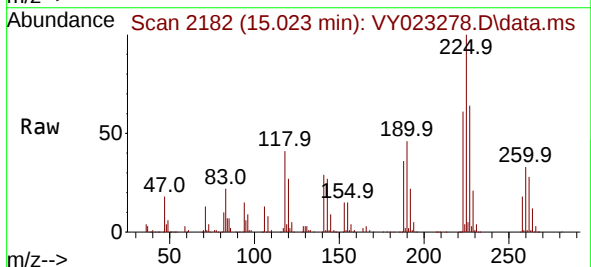
Tgt Ion:225 Resp: 191610

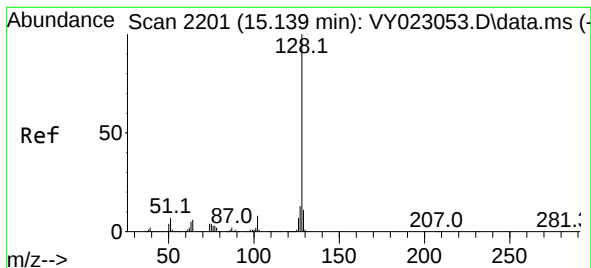
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.8

227 64.4 31.5 94.5





#95

Naphthalene

Concen: 54.023 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Instrument :

MSVOA_Y

ClientSampleId :

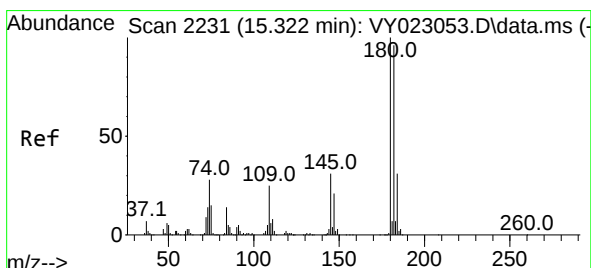
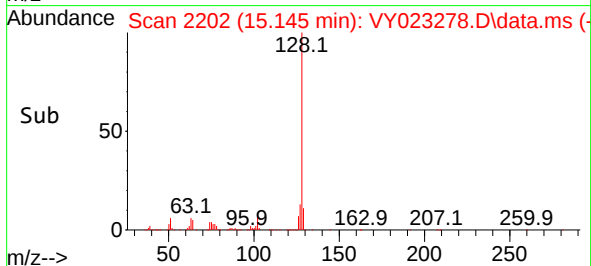
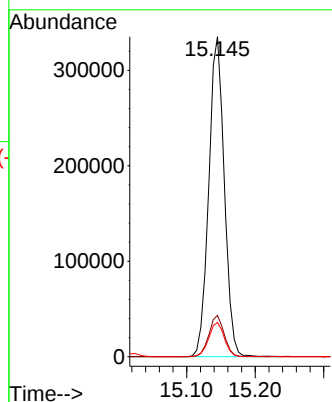
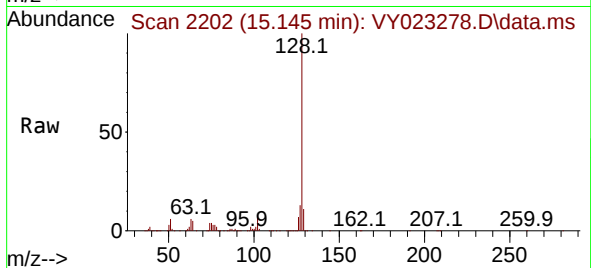
Tgt Ion:128 Resp: 527802

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 54.955 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023278.D

Acq: 04 Sep 2025 08:56

Tgt Ion:180 Resp: 271321

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 31.1 15.9 47.7

