

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023082.D
 Acq On : 13 Aug 2025 20:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 03:01:03 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	7.707	168	442938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	730611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	653170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	337955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217167	51.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.628	113	218038	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.740%	
50) Toluene-d8	10.103	98	848458	49.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.401	95	277110	50.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	141385	39.105	ug/l	97
3) Chloromethane	2.068	50	301762	51.531	ug/l	97
4) Vinyl Chloride	2.202	62	376058	51.951	ug/l	98
5) Bromomethane	2.592	94	302117	55.884	ug/l	99
6) Chloroethane	2.732	64	263860	54.827	ug/l	99
7) Trichlorofluoromethane	3.049	101	418963	47.599	ug/l	98
8) Diethyl Ether	3.458	74	110091	47.275	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	201980	46.513	ug/l	100
10) Methyl Iodide	4.000	142	222876	47.564	ug/l	98
11) Tert butyl alcohol	4.860	59	63163	218.366	ug/l	100
12) 1,1-Dichloroethene	3.787	96	201251	47.150	ug/l	96
13) Acrolein	3.653	56	74262	175.306	ug/l	96
14) Allyl chloride	4.378	41	299858	47.744	ug/l	99
15) Acrylonitrile	5.055	53	229299	242.199	ug/l	99
16) Acetone	3.872	43	181474	198.426	ug/l	95
17) Carbon Disulfide	4.104	76	659370	47.377	ug/l	98
18) Methyl Acetate	4.385	43	144547	53.111	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	540452	48.863	ug/l	98
20) Methylene Chloride	4.610	84	245813	51.824	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	239199	49.867	ug/l	98
22) Diisopropyl ether	6.018	45	695381	50.952	ug/l	98
23) Vinyl Acetate	5.957	43	1789905	237.183	ug/l	100
24) 1,1-Dichloroethane	5.909	63	424330	50.854	ug/l	100
25) 2-Butanone	6.890	43	279864	224.999	ug/l	99
26) 2,2-Dichloropropane	6.884	77	314878	43.733	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	280376	50.561	ug/l	98
28) Bromochloromethane	7.244	49	174333	52.662	ug/l	97
29) Tetrahydrofuran	7.256	42	183892	238.509	ug/l	98
30) Chloroform	7.421	83	441927	51.354	ug/l	98
31) Cyclohexane	7.701	56	356707	45.365	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	376634	49.325	ug/l	99
36) 1,1-Dichloropropene	7.835	75	308332	47.457	ug/l	99
37) Ethyl Acetate	6.982	43	121535	44.531	ug/l	100
38) Carbon Tetrachloride	7.817	117	333012	47.191	ug/l	98
39) Methylcyclohexane	9.103	83	397504	46.461	ug/l	99
40) Benzene	8.079	78	984401	49.159	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	68628	43.571	ug/l	91
42) 1,2-Dichloroethane	8.158	62	256723	49.294	ug/l	99
43) Isopropyl Acetate	8.195	43	254100	46.064	ug/l	98
44) Trichloroethene	8.859	130	247693	47.865	ug/l	98
45) 1,2-Dichloropropane	9.140	63	231080	50.153	ug/l	100
46) Dibromomethane	9.225	93	131895	49.874	ug/l	96
47) Bromodichloromethane	9.420	83	337254	49.561	ug/l	98
48) Methyl methacrylate	9.219	41	122447	46.388	ug/l	96
49) 1,4-Dioxane	9.225	88	29363	946.941	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	670681	235.707	ug/l	99
52) Toluene	10.164	92	634517	49.890	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	292128	47.408	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	348886	47.881	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	171270	48.399	ug/l	99
56) Ethyl methacrylate	10.438	69	218091	48.164	ug/l	98
57) 1,3-Dichloropropane	10.713	76	294300	49.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	563277	263.718	ug/l	100
59) 2-Hexanone	10.755	43	444743	229.542	ug/l	99
60) Dibromochloromethane	10.908	129	228588	48.956	ug/l	99
61) 1,2-Dibromoethane	11.011	107	162363	48.817	ug/l	98
64) Tetrachloroethene	10.646	164	288562	49.476	ug/l	99
65) Chlorobenzene	11.438	112	684648	48.595	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	232459	48.615	ug/l	99
67) Ethyl Benzene	11.517	91	1179134	48.633	ug/l	99
68) m/p-Xylenes	11.627	106	928592	98.062	ug/l	99
69) o-Xylene	11.950	106	437649	49.346	ug/l	98
70) Styrene	11.962	104	741269	51.107	ug/l	99
71) Bromoform	12.127	173	128021	45.809	ug/l #	97
73) Isopropylbenzene	12.249	105	1120808	46.989	ug/l	99
74) N-amyl acetate	12.066	43	227982	45.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	181898	44.662	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	243249	74.579	ug/l #	100
77) Bromobenzene	12.523	156	261080	45.880	ug/l	98
78) n-propylbenzene	12.590	91	1351965	47.608	ug/l	100
79) 2-Chlorotoluene	12.676	91	768315	47.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	925355	48.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	55874	41.468	ug/l	99
82) 4-Chlorotoluene	12.773	91	801214	47.468	ug/l	100
83) tert-Butylbenzene	12.993	119	810256	46.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	927586	48.337	ug/l	100
85) sec-Butylbenzene	13.170	105	1204282	47.086	ug/l	100
86) p-Isopropyltoluene	13.285	119	1019726	48.033	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	527390	46.997	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	517037	46.447	ug/l	99
89) n-Butylbenzene	13.615	91	926009	47.492	ug/l	99
90) Hexachloroethane	13.877	117	207292	47.698	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	460225	46.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	28670	45.213	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	253171	43.501	ug/l	99
94) Hexachlorobutadiene	15.017	225	143600	41.989	ug/l	98
95) Naphthalene	15.139	128	459045	46.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	216348	43.140	ug/l	99

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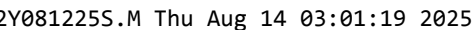
Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals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

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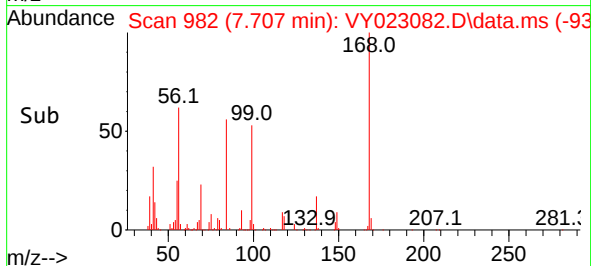
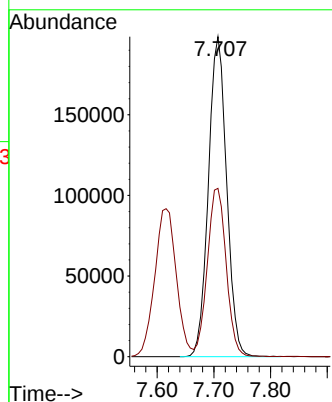
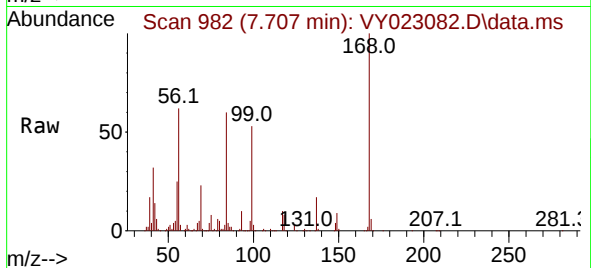




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

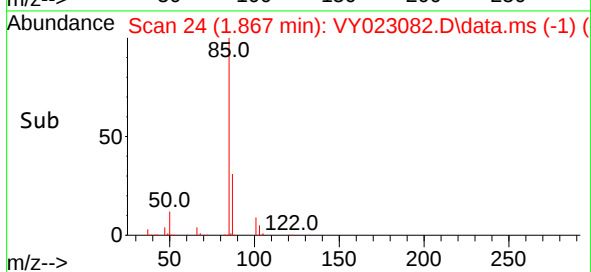
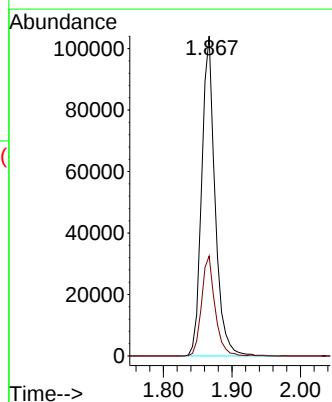
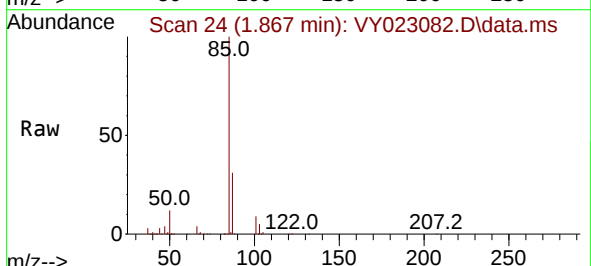
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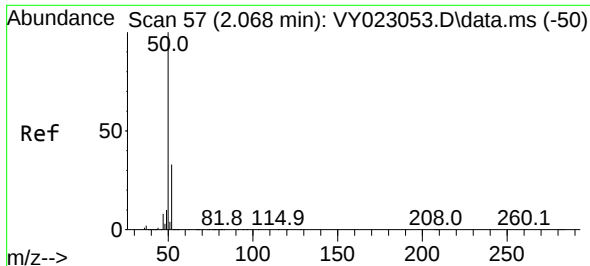
Tgt Ion:168 Resp: 442938
Ion Ratio Lower Upper
168 100
99 52.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 39.105 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 85 Resp: 141385
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8

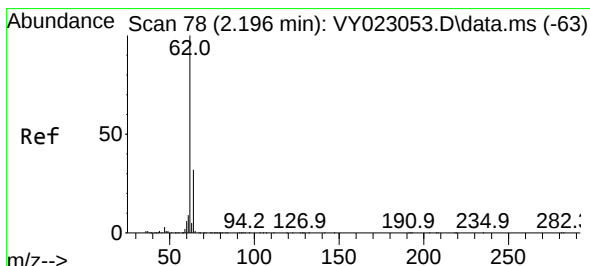
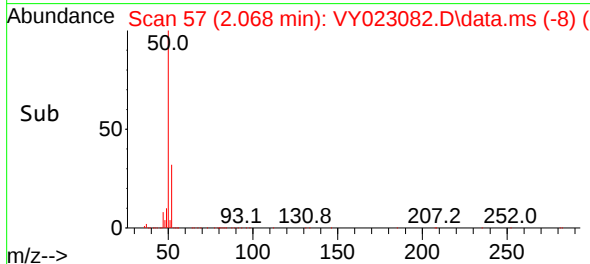
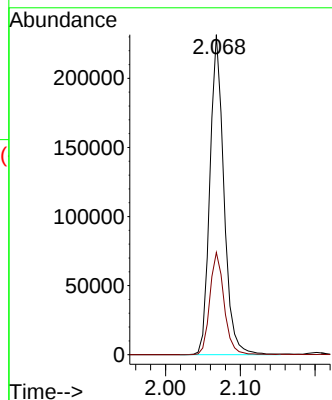
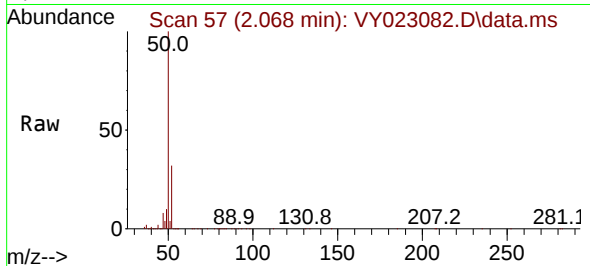




#3
Chloromethane
Concen: 51.531 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

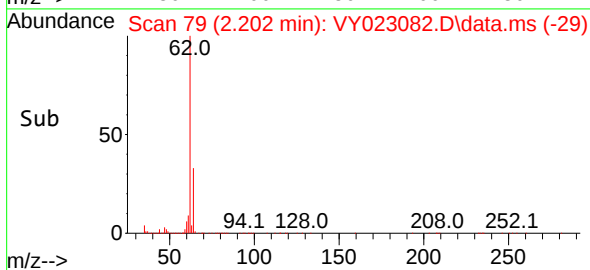
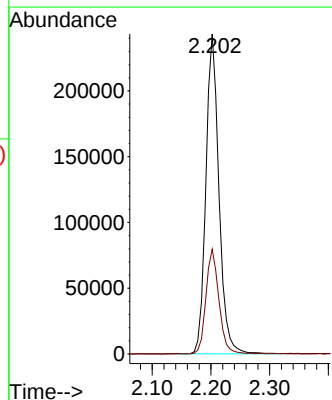
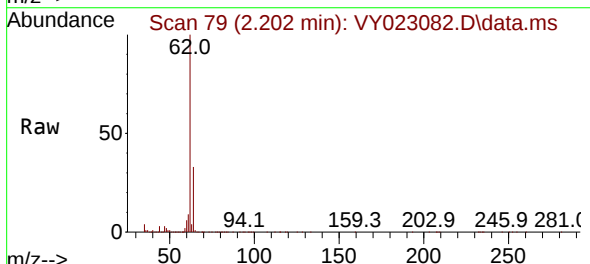
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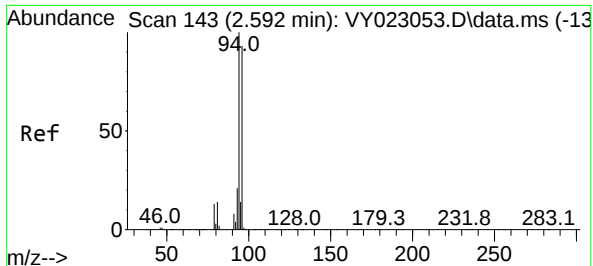
Tgt Ion: 50 Resp: 301762
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 51.951 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 62 Resp: 376058
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

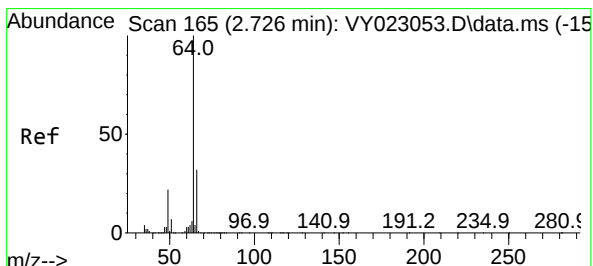
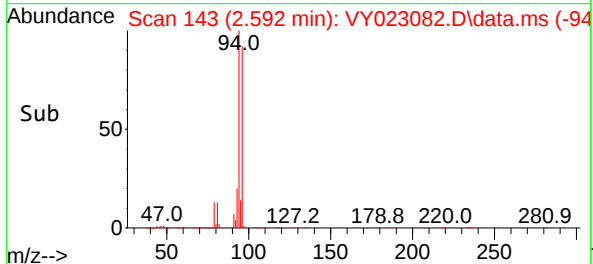
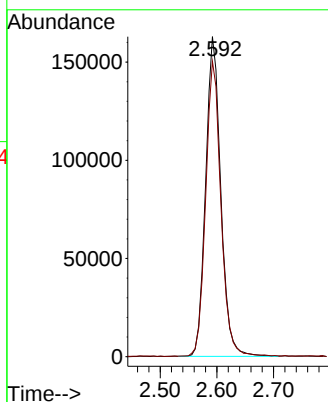
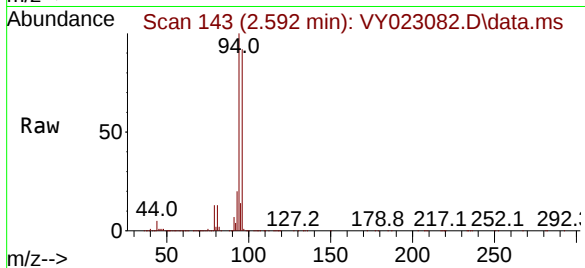




#5
Bromomethane
Concen: 55.884 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

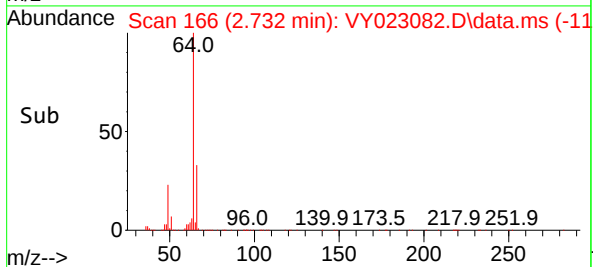
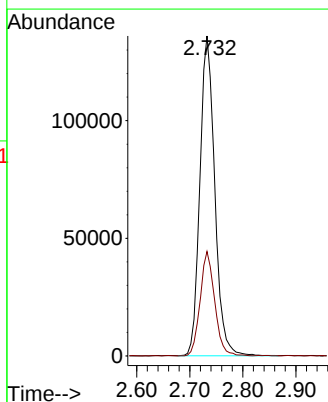
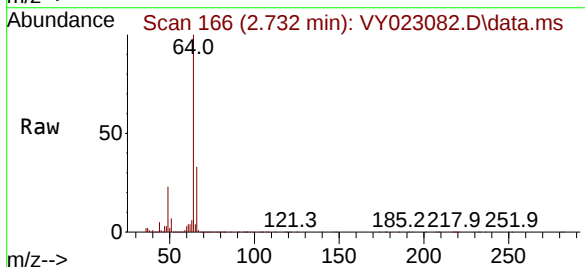
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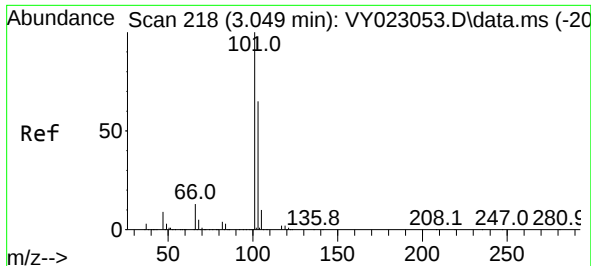
Tgt Ion: 94 Resp: 302117
Ion Ratio Lower Upper
94 100
96 92.2 74.6 112.0



#6
Chloroethane
Concen: 54.827 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 64 Resp: 263860
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

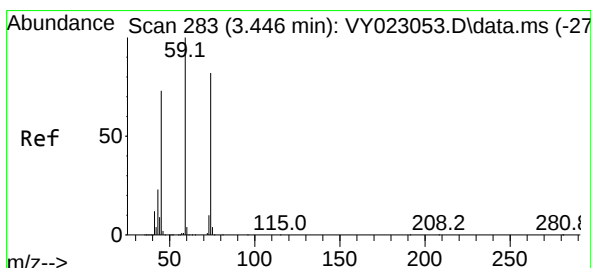
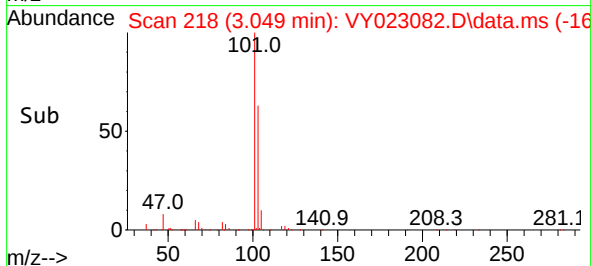
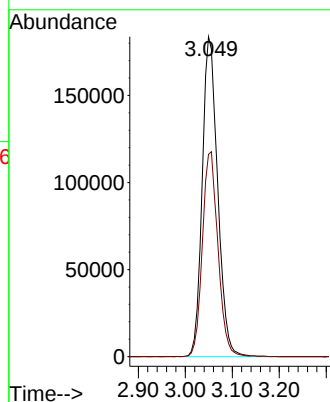
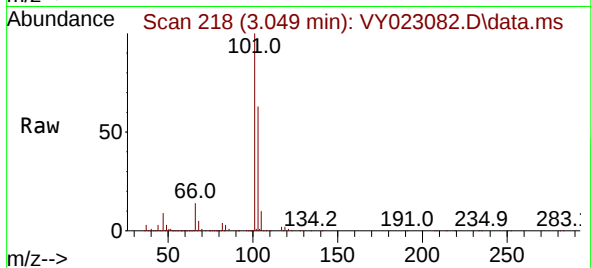




#7
 Trichlorofluoromethane
 Concen: 47.599 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

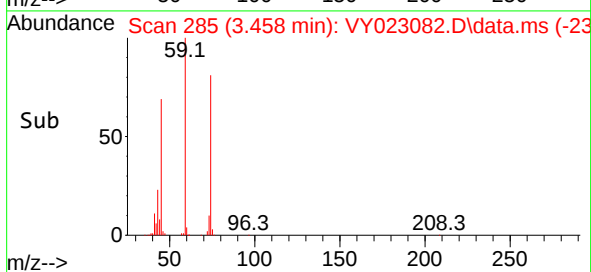
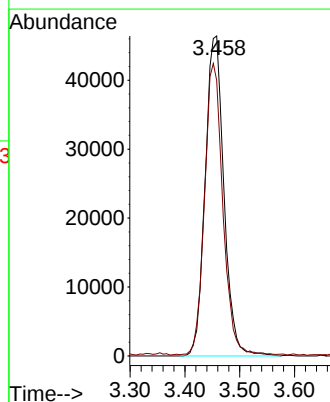
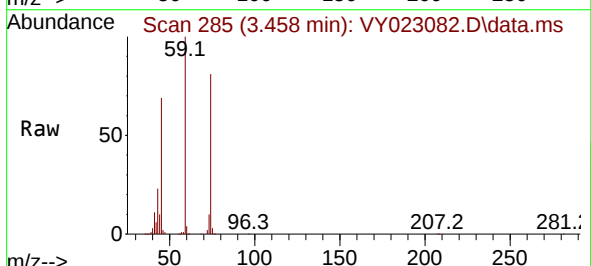
Instrument :
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Tgt Ion:101 Resp: 418963
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.275 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

Tgt Ion: 74 Resp: 110091
 Ion Ratio Lower Upper
 74 100
 45 88.4 44.4 133.2

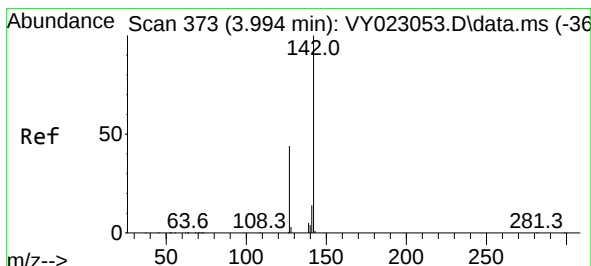
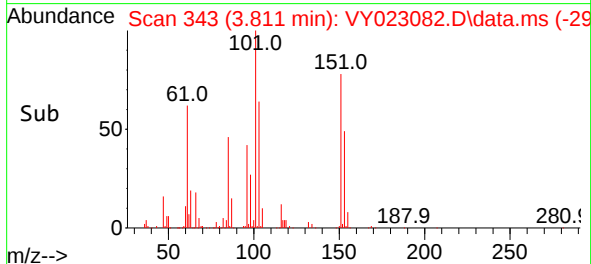
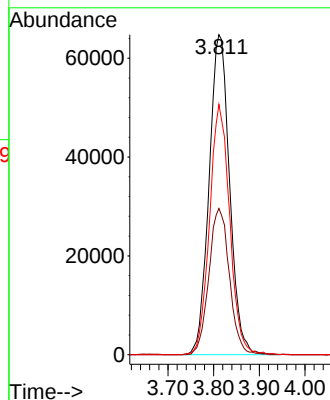
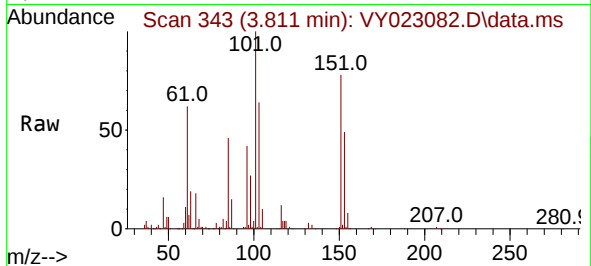




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.513 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

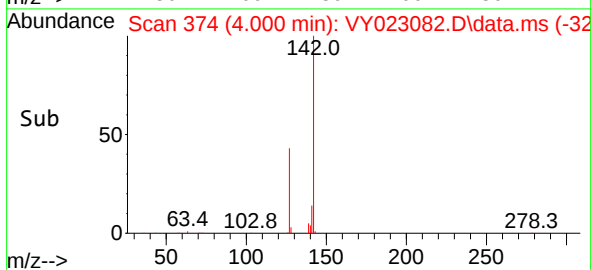
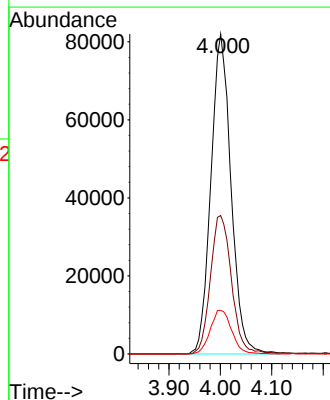
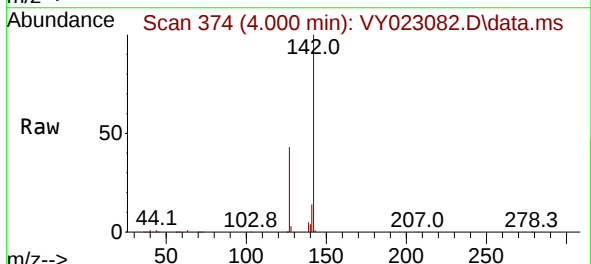
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ClientSampleId :
VSTDCCC050EC

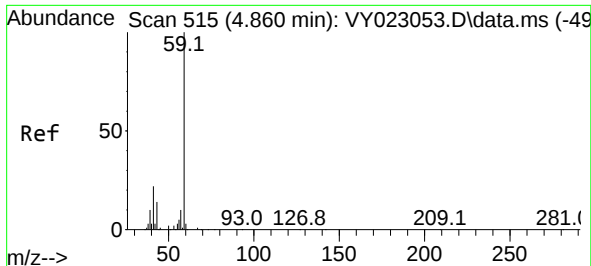
Tgt Ion:101 Resp: 201980
Ion Ratio Lower Upper
101 100
85 45.8 36.3 54.5
151 76.7 61.5 92.3



#10
Methyl Iodide
Concen: 47.564 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion:142 Resp: 222876
Ion Ratio Lower Upper
142 100
127 45.4 34.9 52.3
141 14.6 11.3 16.9

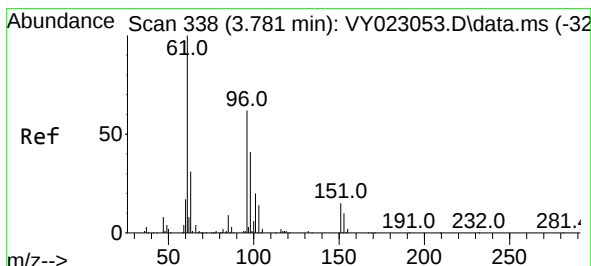
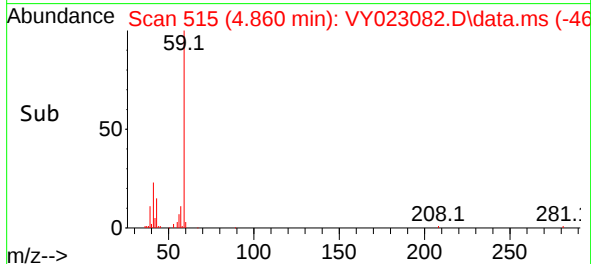
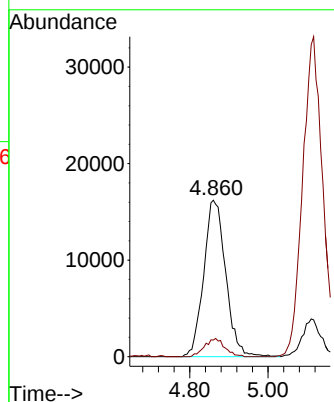
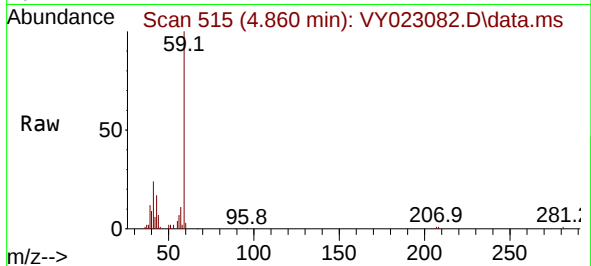




#11
Tert butyl alcohol
Concen: 218.366 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

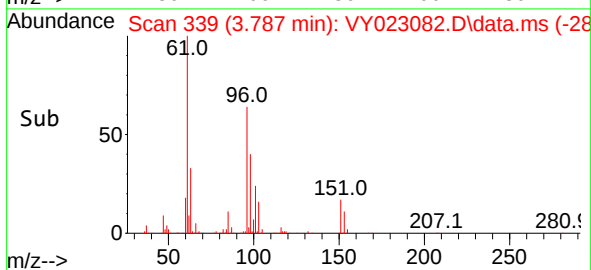
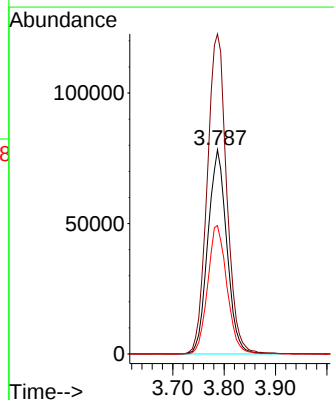
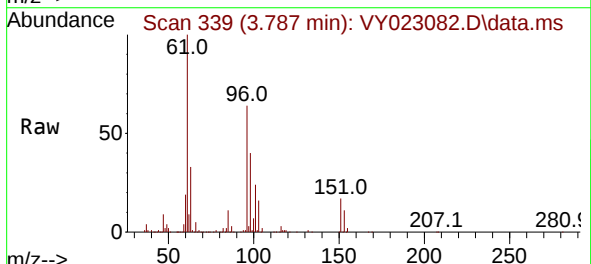
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 63163
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 47.150 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 96 Resp: 201251
Ion Ratio Lower Upper
96 100
61 156.7 129.4 194.2
98 62.9 52.8 79.2

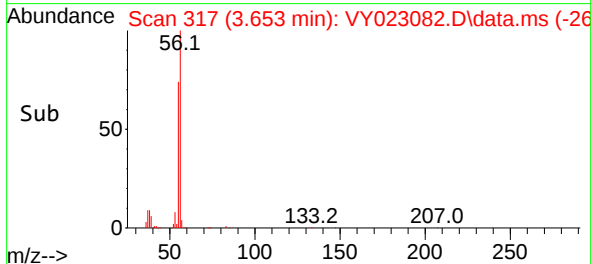
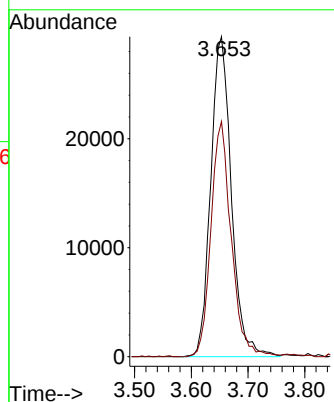
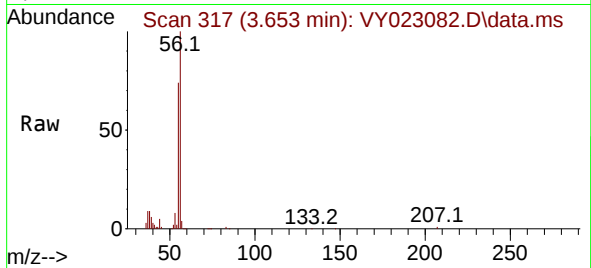




#13
Acrolein
Concen: 175.306 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

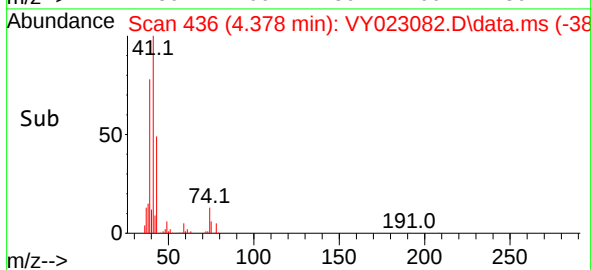
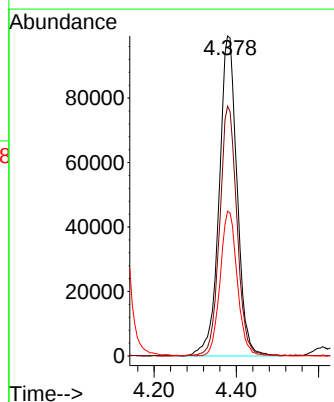
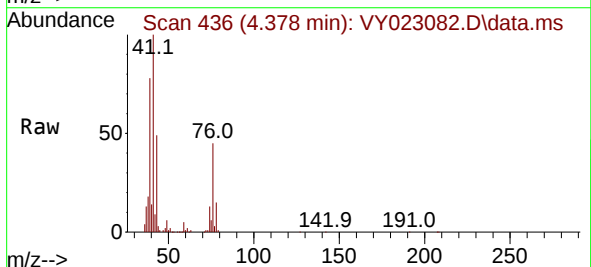
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

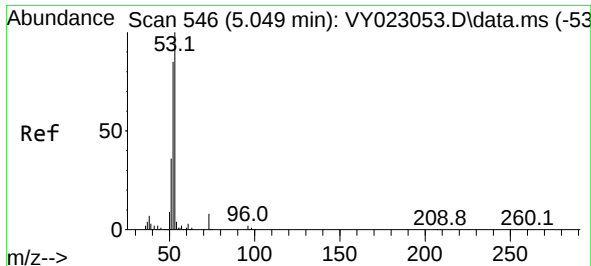
Tgt Ion: 56 Resp: 74262
Ion Ratio Lower Upper
56 100
55 72.1 55.2 82.8



#14
Allyl chloride
Concen: 47.744 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 41 Resp: 299858
Ion Ratio Lower Upper
41 100
39 75.7 59.8 89.6
76 43.3 33.7 50.5

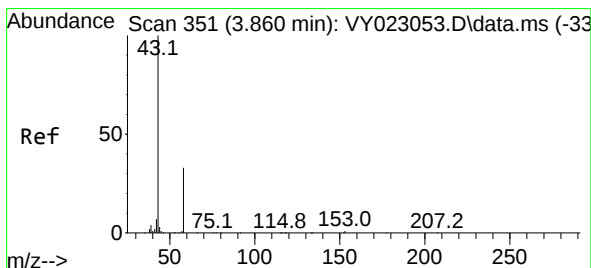
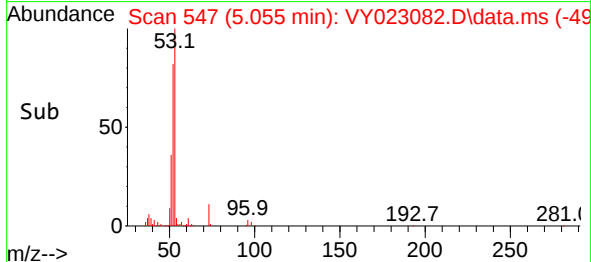
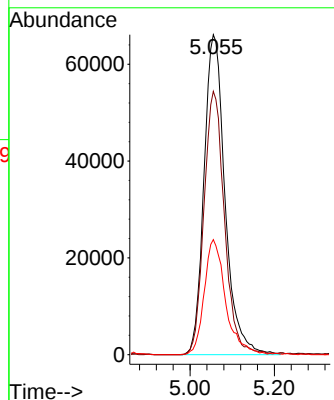
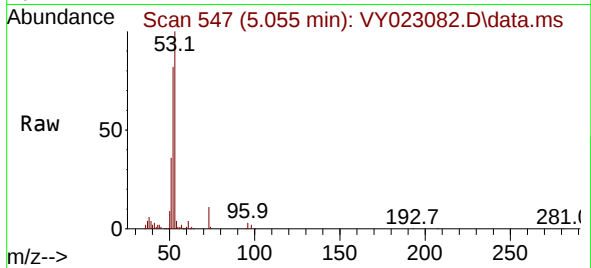




#15
Acrylonitrile
Concen: 242.199 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

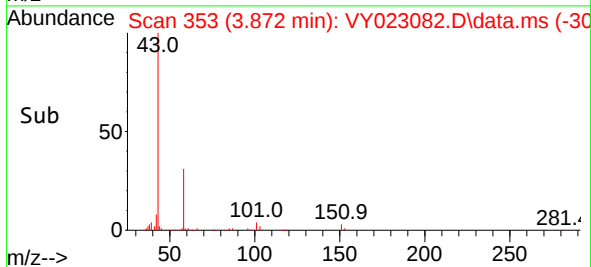
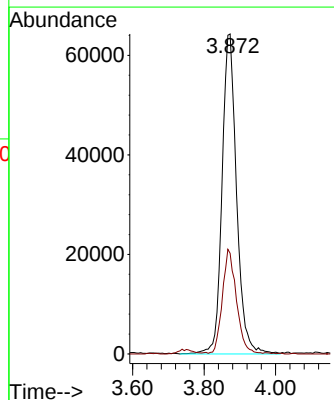
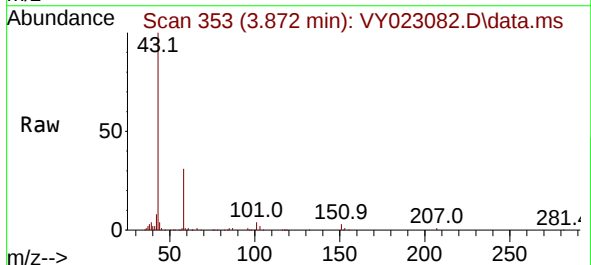
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 229299
Ion Ratio Lower Upper
53 100
52 80.1 65.3 97.9
51 36.6 29.5 44.3



#16
Acetone
Concen: 198.426 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 43 Resp: 181474
Ion Ratio Lower Upper
43 100
58 31.2 27.1 40.7

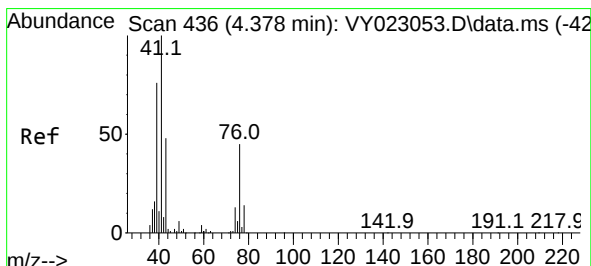
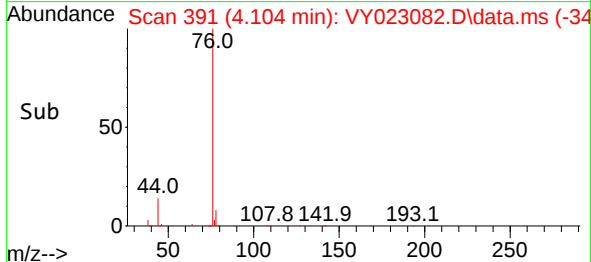
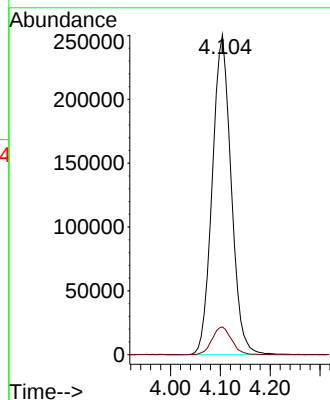
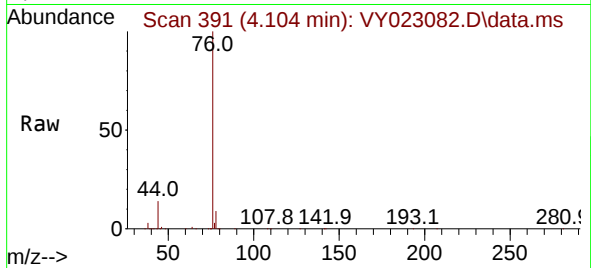




#17
Carbon Disulfide
Concen: 47.377 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

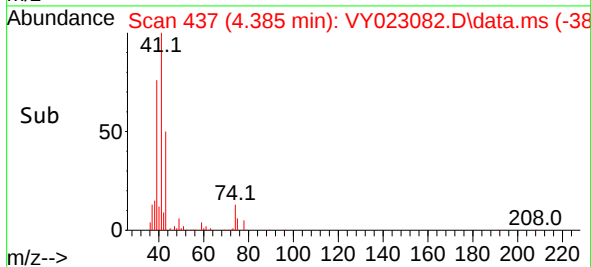
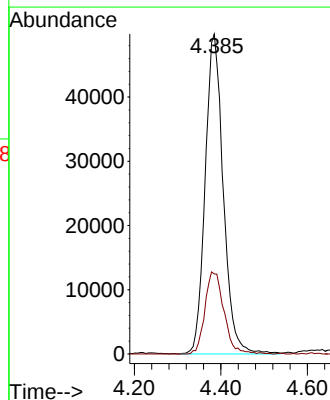
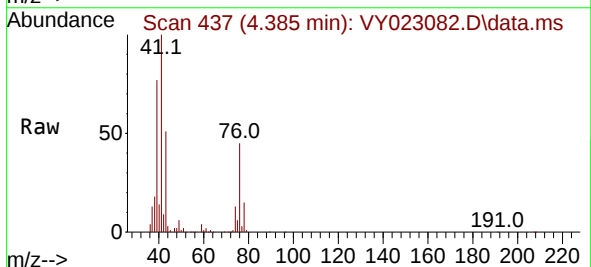
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

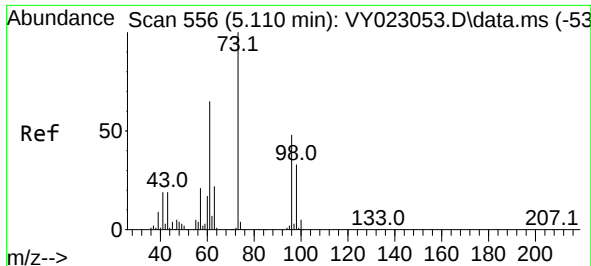
Tgt Ion: 76 Resp: 659370
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 53.111 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 43 Resp: 144547
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8

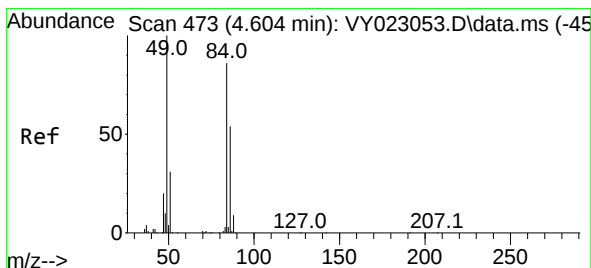
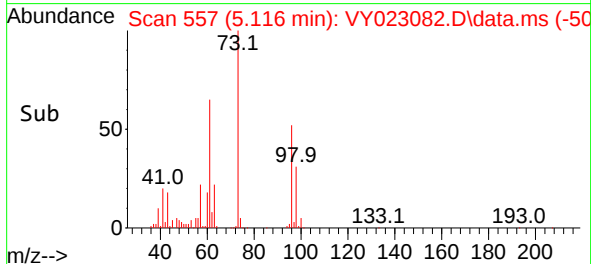
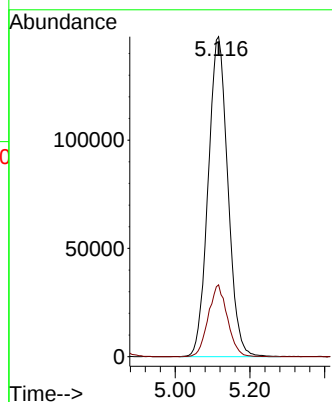
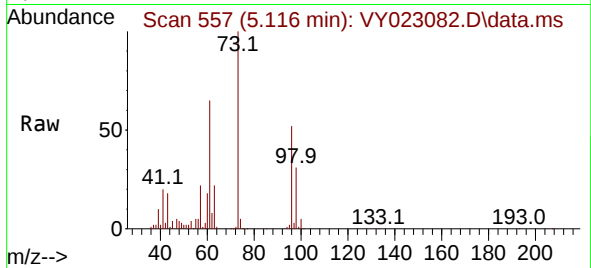




#19
Methyl tert-butyl Ether
Concen: 48.863 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

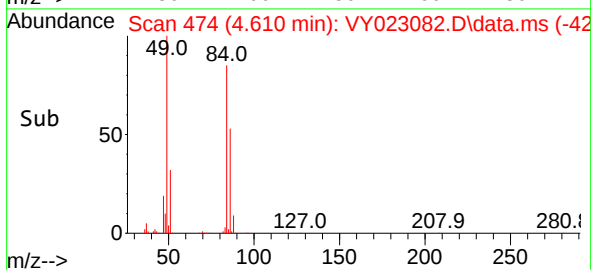
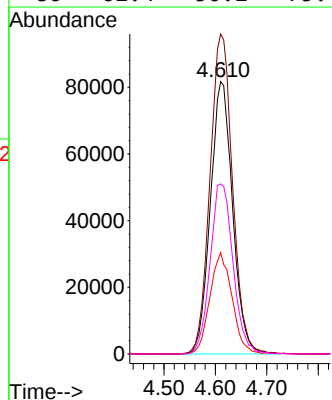
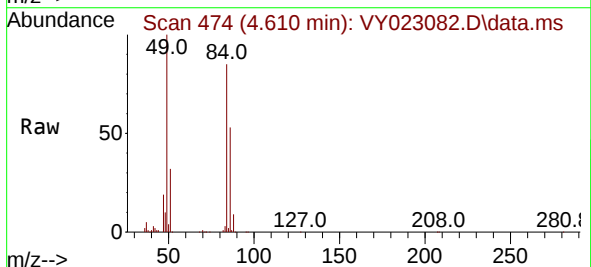
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

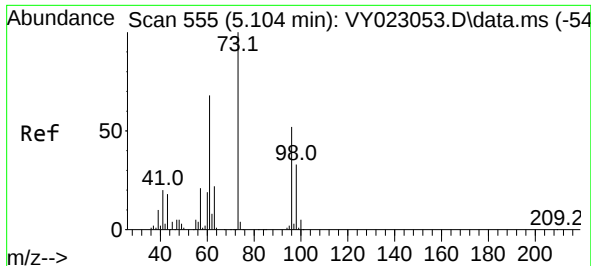
Tgt Ion: 73 Resp: 540452
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 51.824 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 84 Resp: 245813
Ion Ratio Lower Upper
84 100
49 117.4 93.0 139.6
51 37.1 29.0 43.4
86 62.4 50.2 75.4

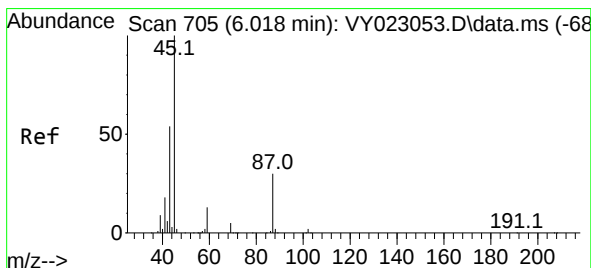
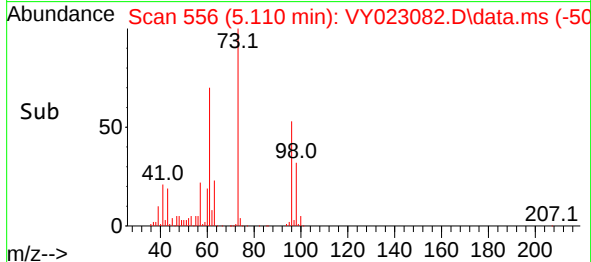
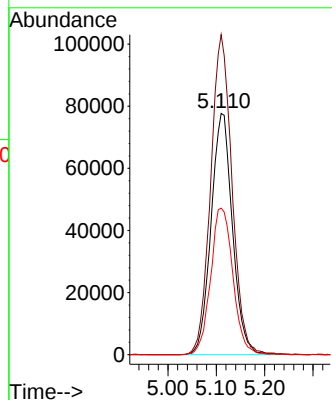
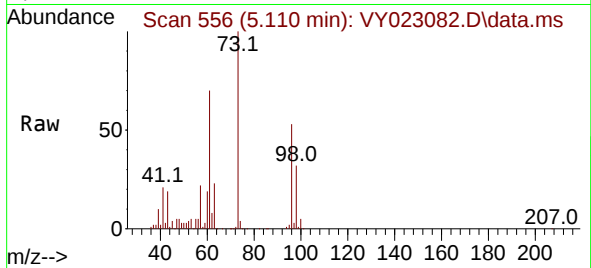




#21
trans-1,2-Dichloroethene
Concen: 49.867 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

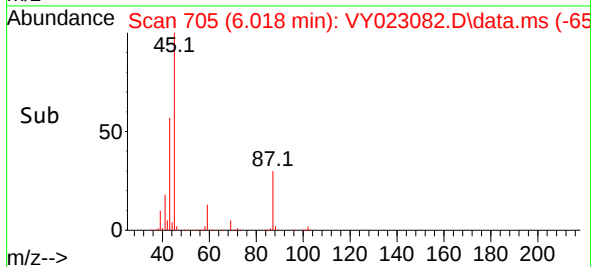
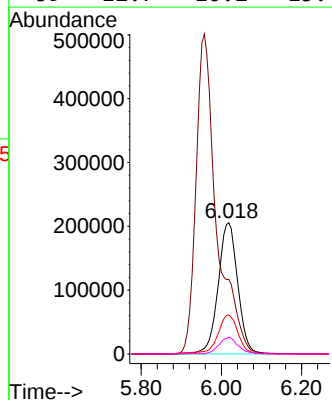
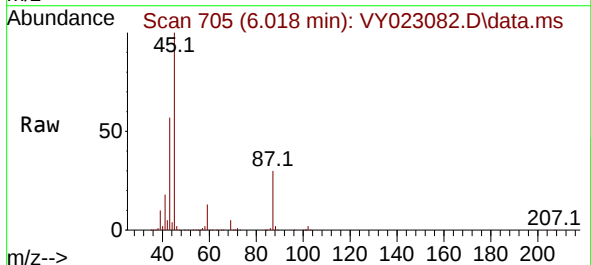
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 239199
Ion Ratio Lower Upper
96 100
61 132.6 104.8 157.2
98 60.7 50.1 75.1



#22
Diisopropyl ether
Concen: 50.952 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 45 Resp: 695381
Ion Ratio Lower Upper
45 100
43 56.4 43.4 65.0
87 29.7 24.4 36.6
59 12.7 10.2 15.4

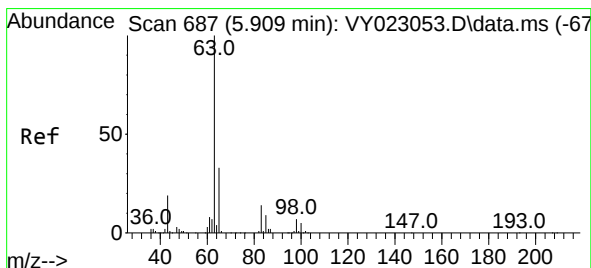
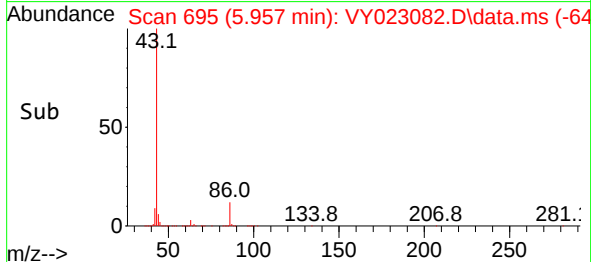
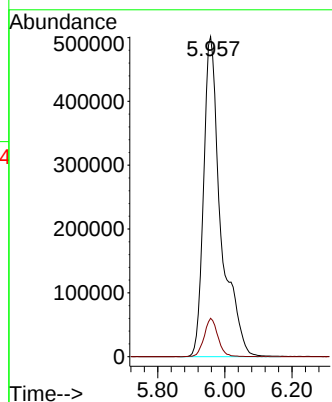
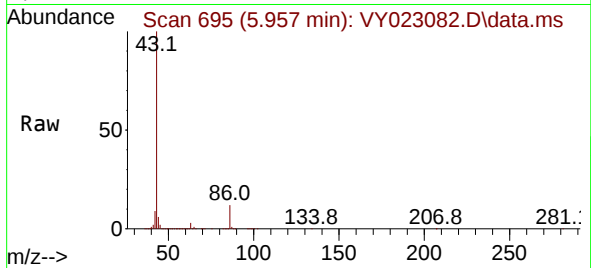




#23
 Vinyl Acetate
 Concen: 237.183 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

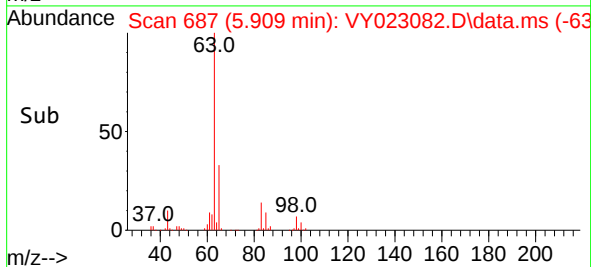
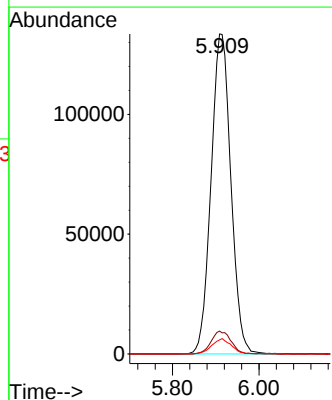
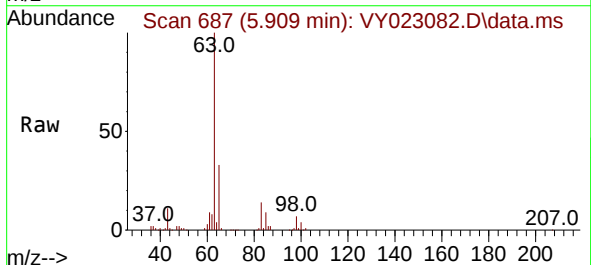
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

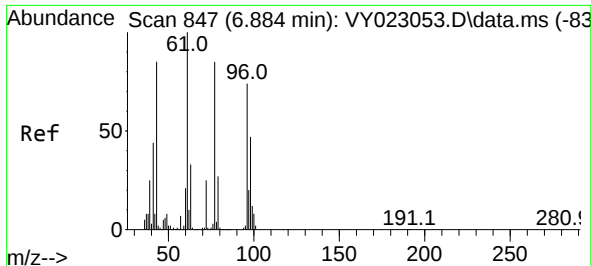
Tgt Ion: 43 Resp: 1789905
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 50.854 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

Tgt Ion: 63 Resp: 424330
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.4 2.4 7.1

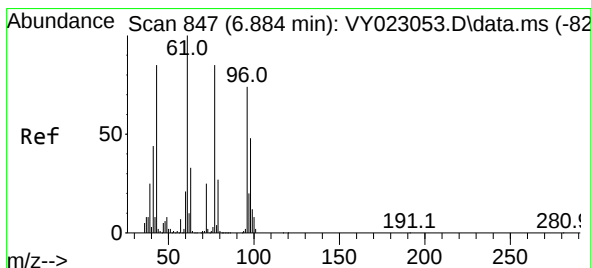
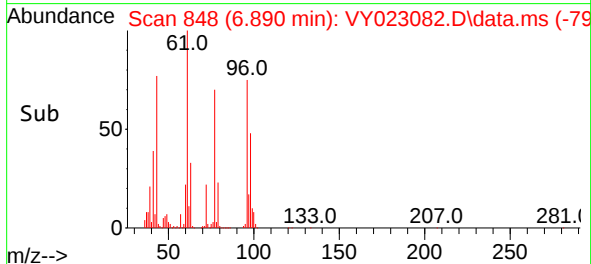
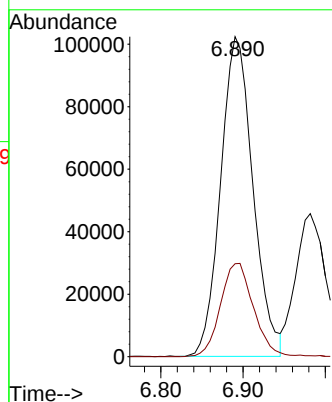
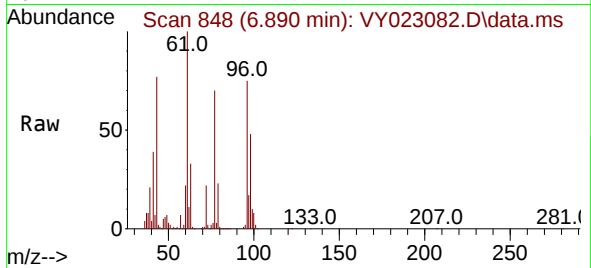




#25
2-Butanone
Concen: 224.999 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

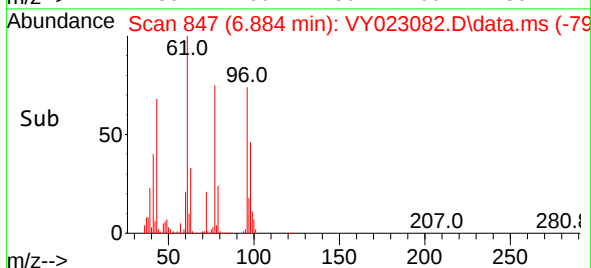
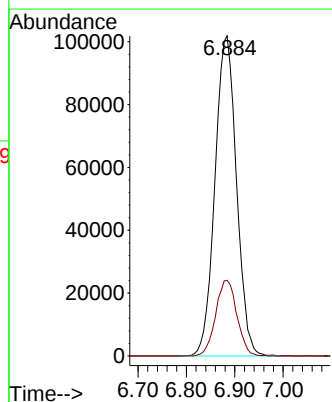
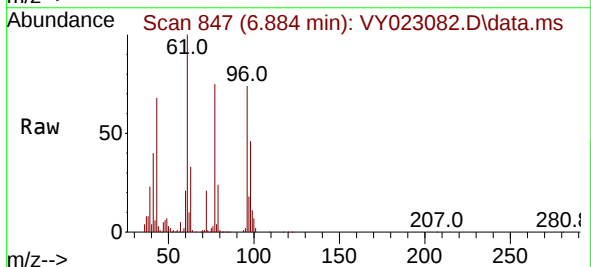
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

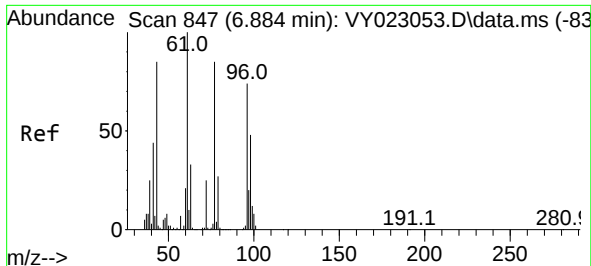
Tgt Ion: 43 Resp: 279864
Ion Ratio Lower Upper
43 100
72 29.1 23.5 35.3



#26
2,2-Dichloropropane
Concen: 43.733 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 77 Resp: 314878
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.561 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

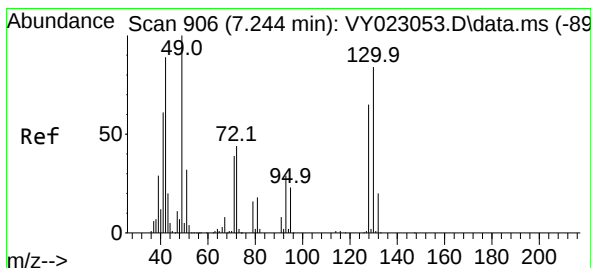
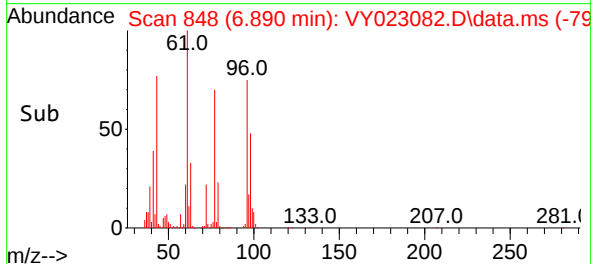
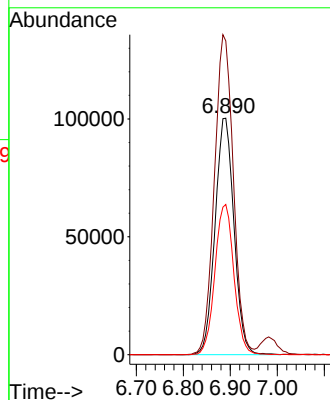
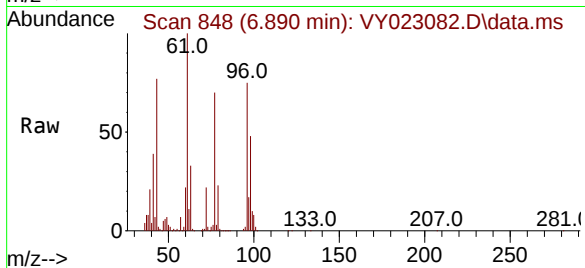
Tgt Ion: 96 Resp: 280376

Ion Ratio Lower Upper

96 100

61 135.8 0.0 278.6

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 52.662 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

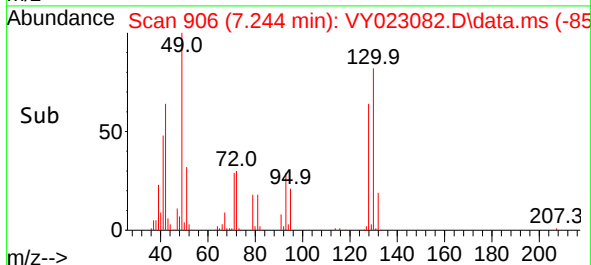
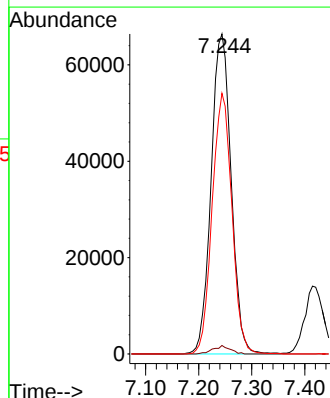
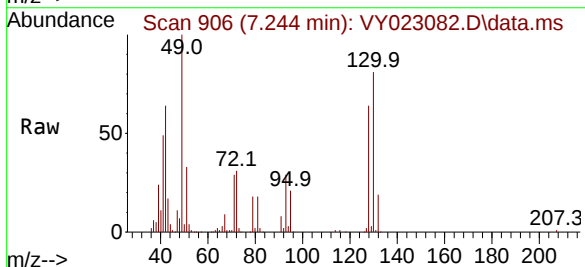
Tgt Ion: 49 Resp: 174333

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 80.2 66.4 99.6

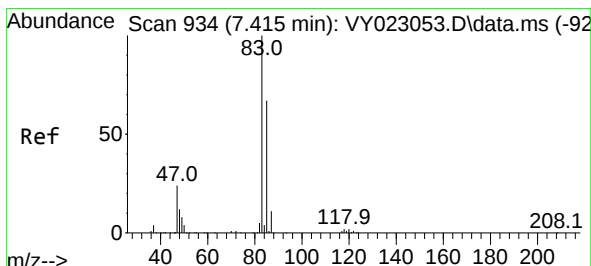
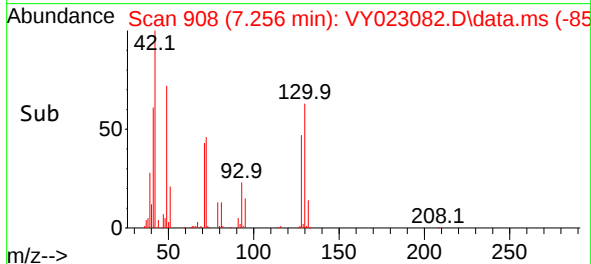
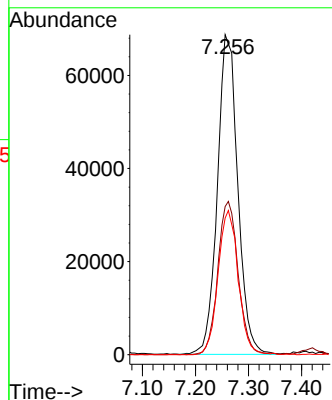
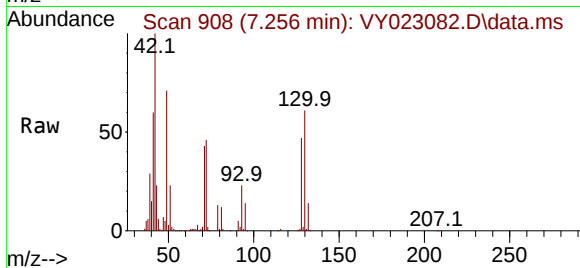




#29
Tetrahydrofuran
Concen: 238.509 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

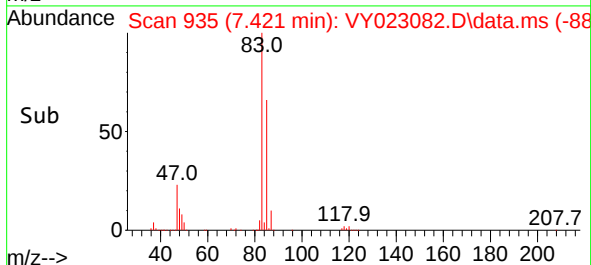
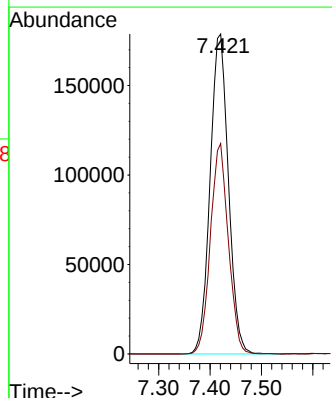
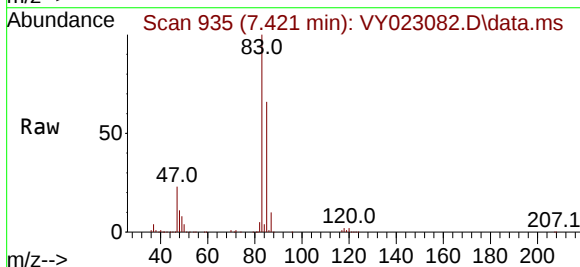
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

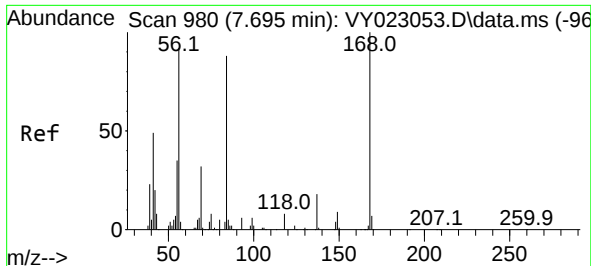
Tgt Ion: 42 Resp: 183892
Ion Ratio Lower Upper
42 100
72 47.8 39.4 59.2
71 44.6 36.5 54.7



#30
Chloroform
Concen: 51.354 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 83 Resp: 441927
Ion Ratio Lower Upper
83 100
85 65.7 53.8 80.8

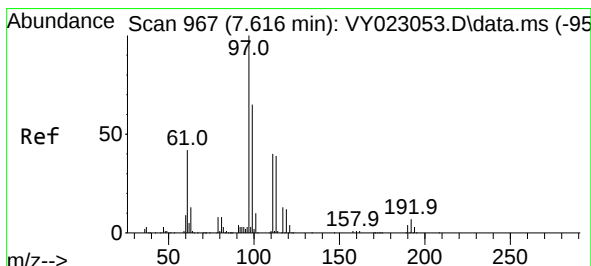
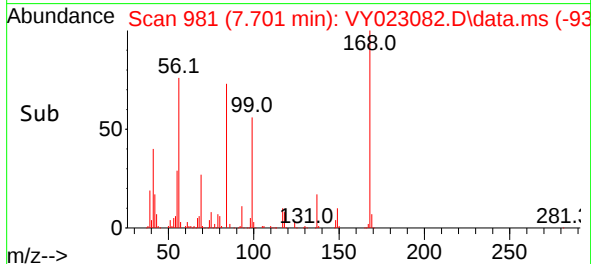
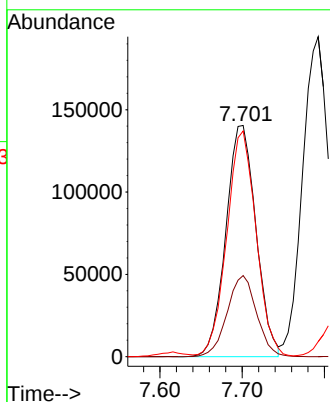
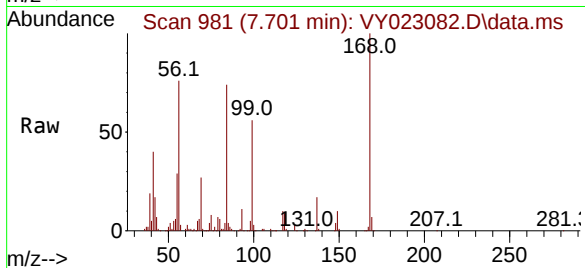




#31
Cyclohexane
Concen: 45.365 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

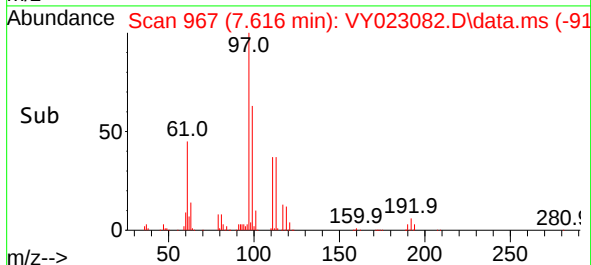
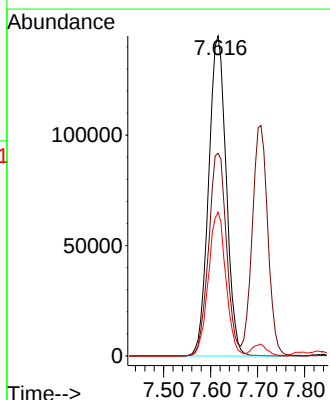
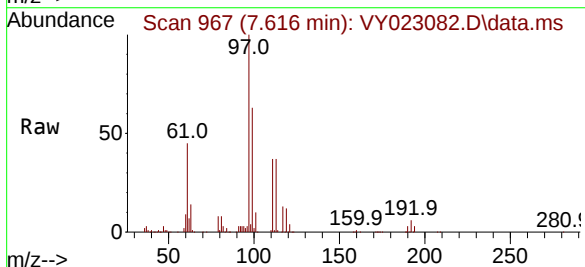
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 356707
Ion Ratio Lower Upper
56 100
69 35.1 28.2 42.2
84 96.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 49.325 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 97 Resp: 376634
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.443 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

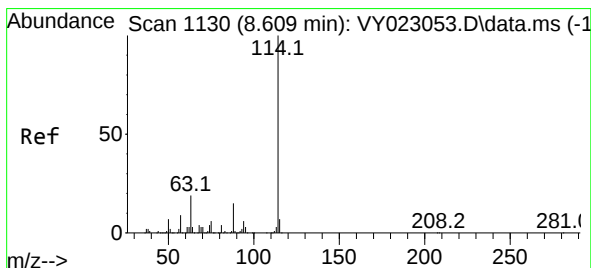
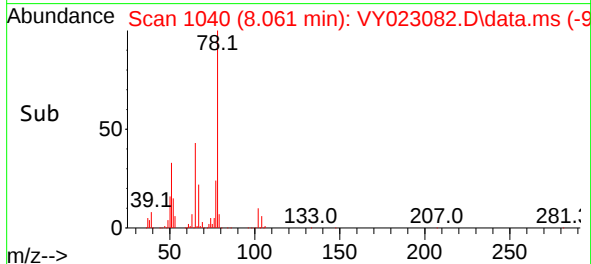
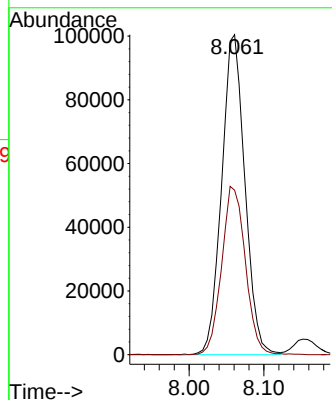
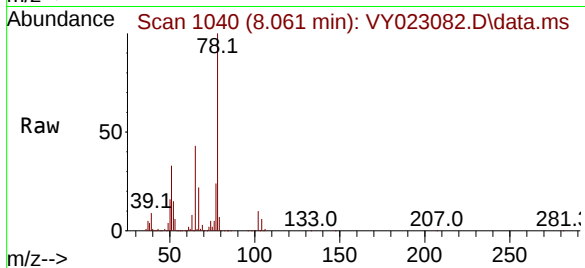
VSTDCCC050EC

Tgt Ion: 65 Resp: 217167

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

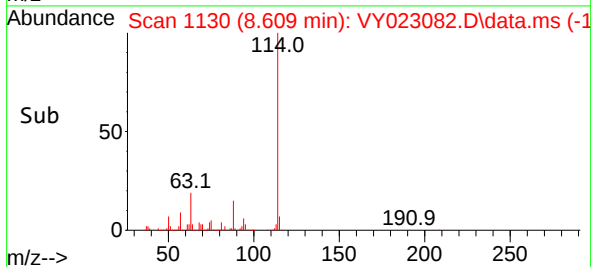
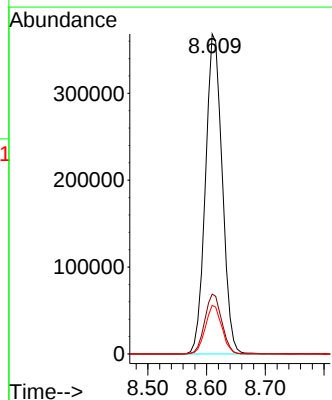
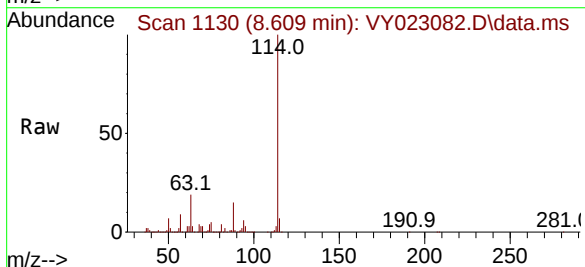
Tgt Ion: 114 Resp: 730611

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.2 0.0 30.0

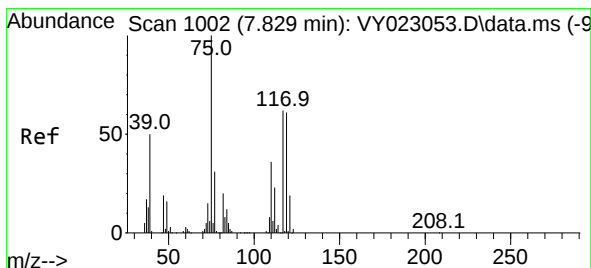
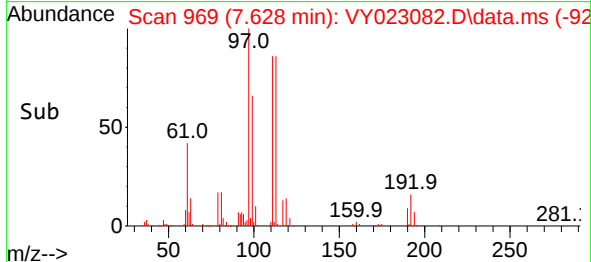
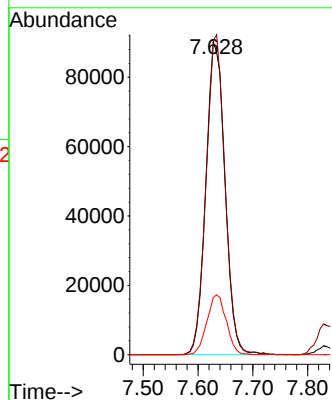
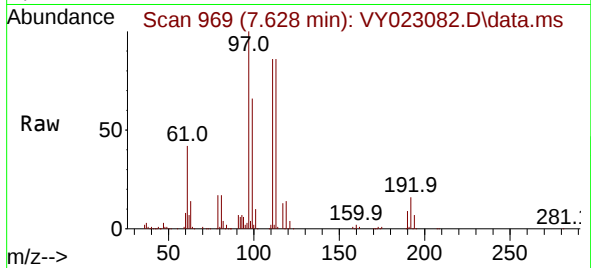




#35
Dibromofluoromethane
Concen: 49.874 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

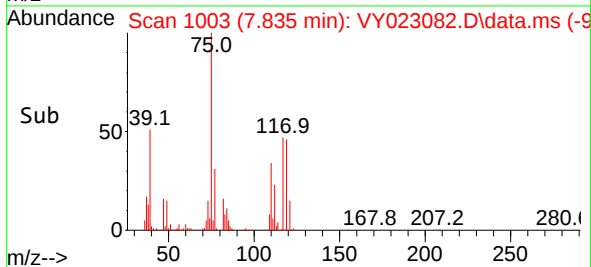
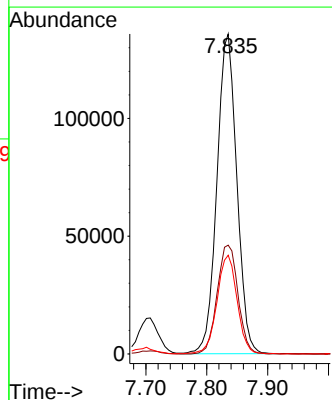
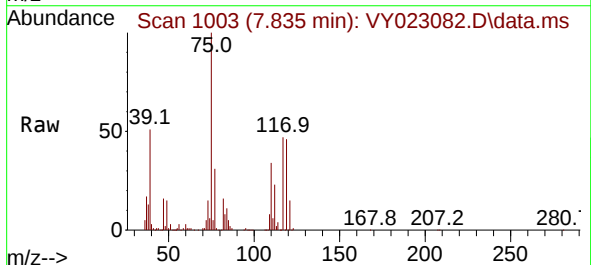
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

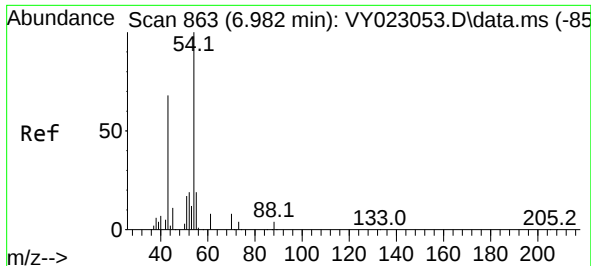
Tgt Ion:113 Resp: 218038
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 47.457 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 75 Resp: 308332
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.4
77 31.3 24.6 37.0

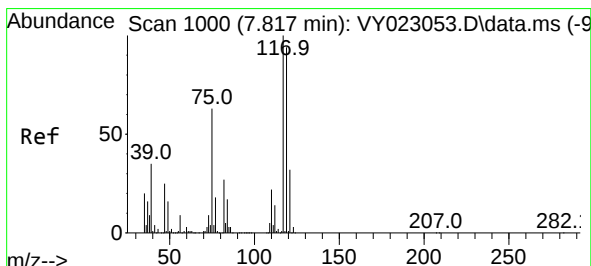
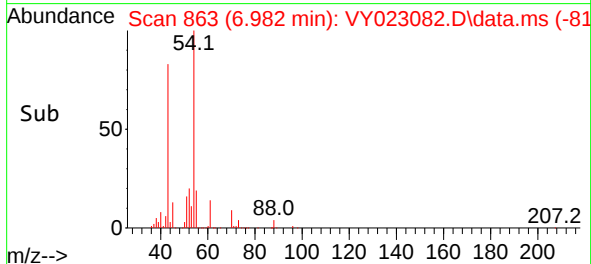
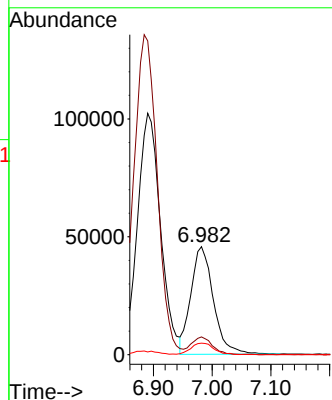
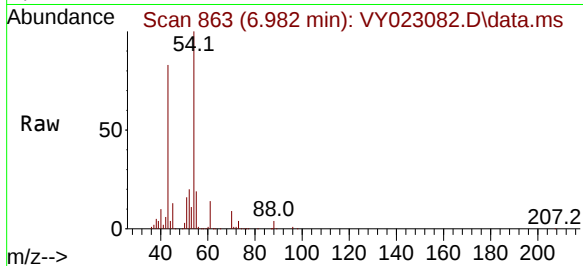




#37
Ethyl Acetate
Concen: 44.531 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

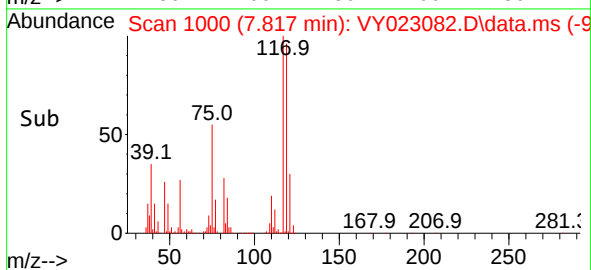
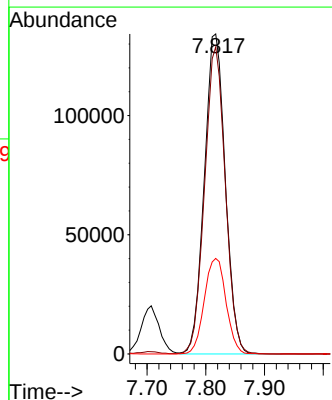
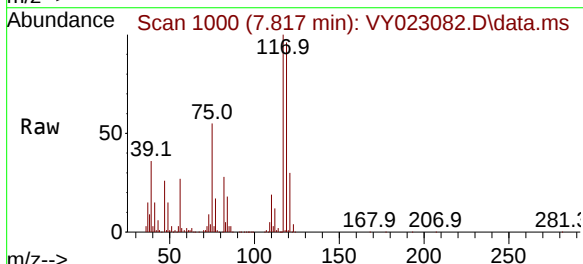
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

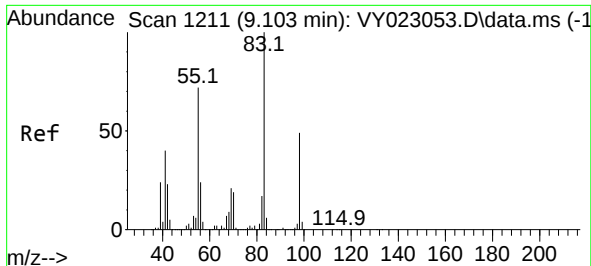
Tgt Ion: 43 Resp: 121535
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.191 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 117 Resp: 333012
Ion Ratio Lower Upper
117 100
119 95.9 75.6 113.4
121 29.9 25.8 38.8

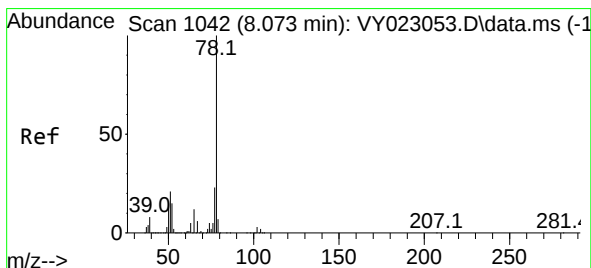
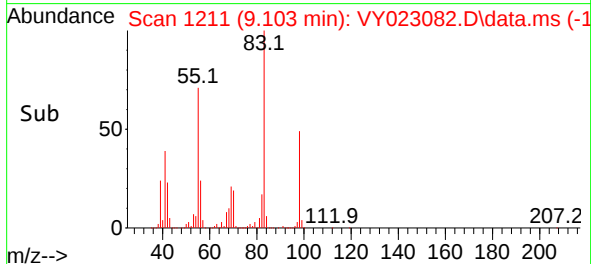
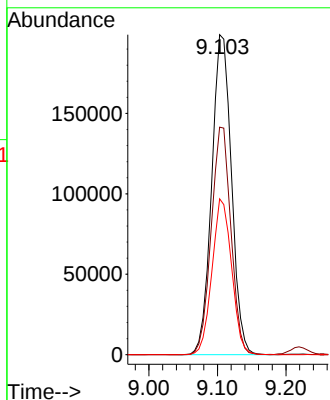
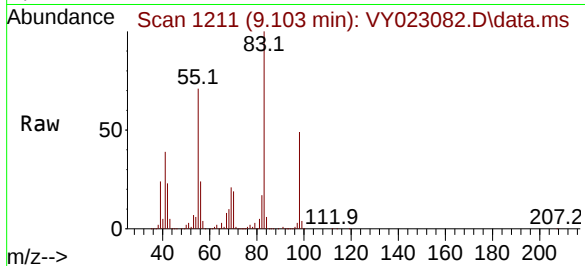




#39
Methylcyclohexane
Concen: 46.461 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

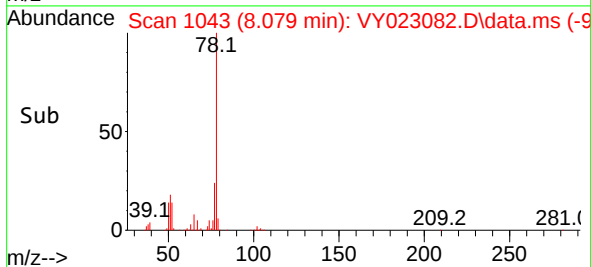
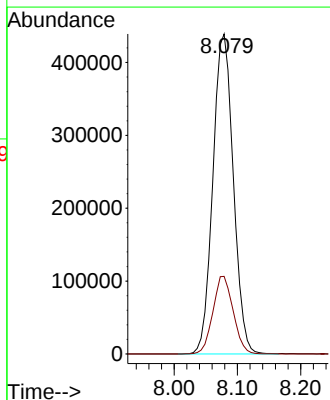
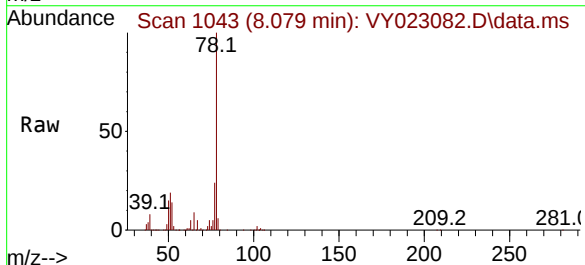
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

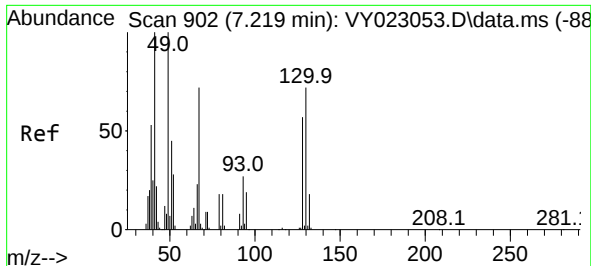
Tgt Ion: 83 Resp: 397504
Ion Ratio Lower Upper
83 100
55 71.1 57.6 86.4
98 48.7 39.2 58.8



#40
Benzene
Concen: 49.159 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 78 Resp: 984401
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0



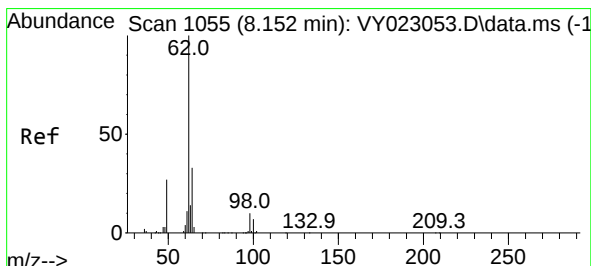
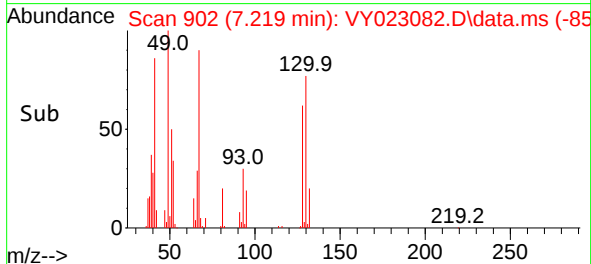
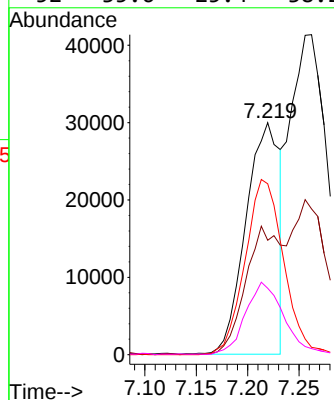
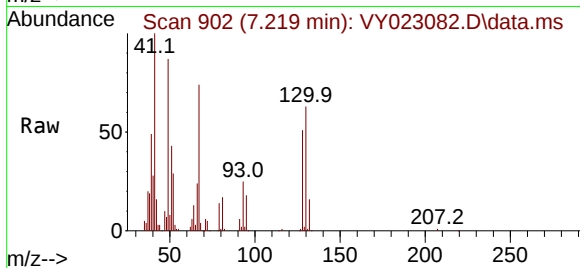


#41
Methacrylonitrile
Concen: 43.571 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 68628

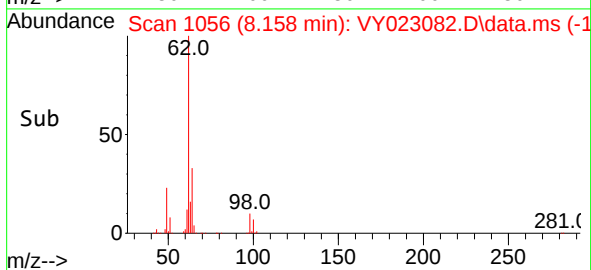
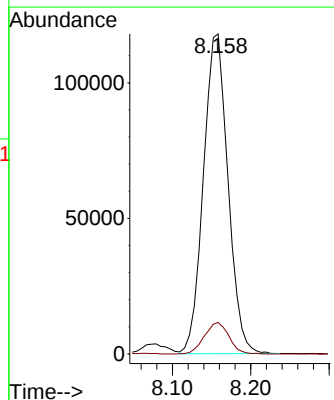
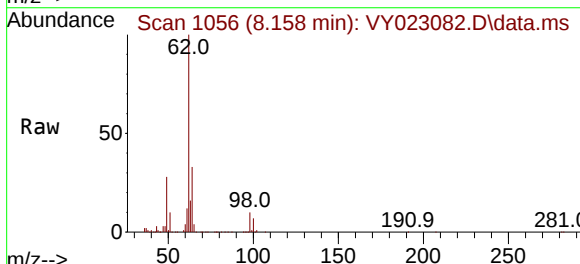
Ion	Ratio	Lower	Upper
41	100		
39	62.4	43.4	65.2
67	86.2	63.6	95.4
52	35.6	25.4	38.2



#42
1,2-Dichloroethane
Concen: 49.294 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 62 Resp: 256723

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6

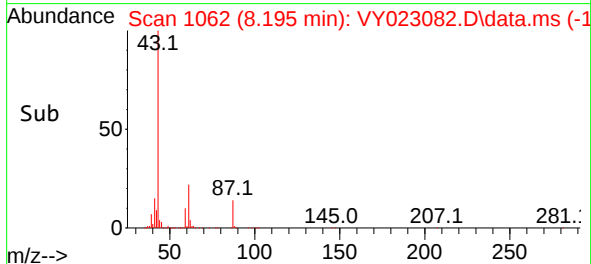
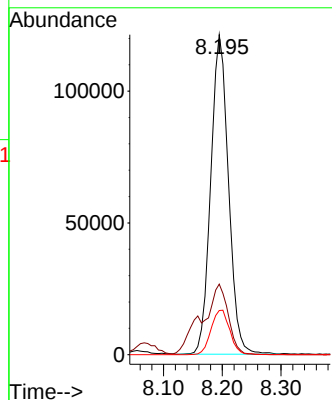
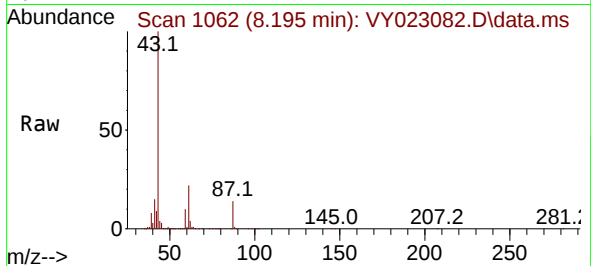




#43
Isopropyl Acetate
Concen: 46.064 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

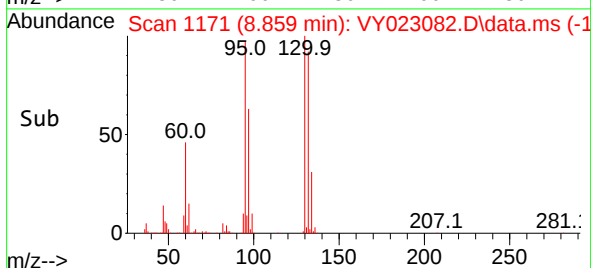
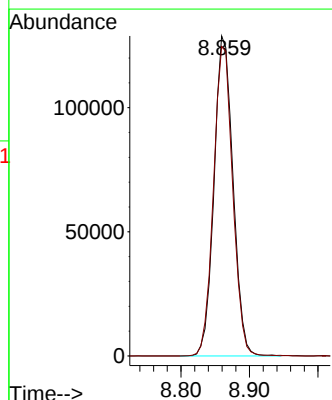
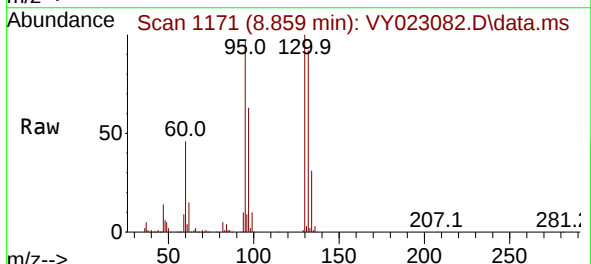
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254100
Ion Ratio Lower Upper
43 100
61 21.8 16.4 24.6
87 14.7 11.8 17.6



#44
Trichloroethene
Concen: 47.865 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion:130 Resp: 247693
Ion Ratio Lower Upper
130 100
95 96.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.153 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

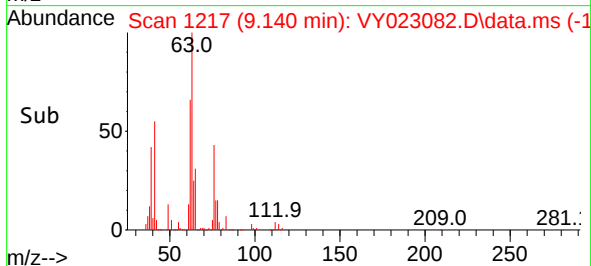
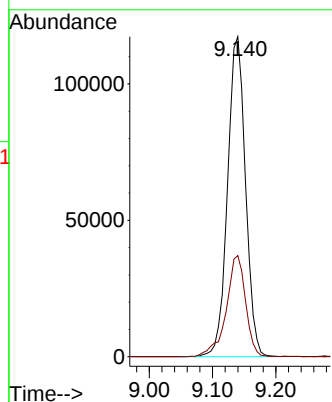
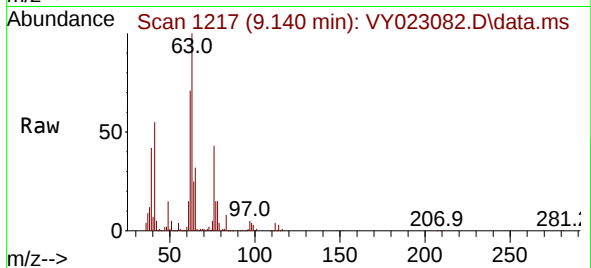
VSTDCCC050EC

Tgt Ion: 63 Resp: 231080

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 49.874 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

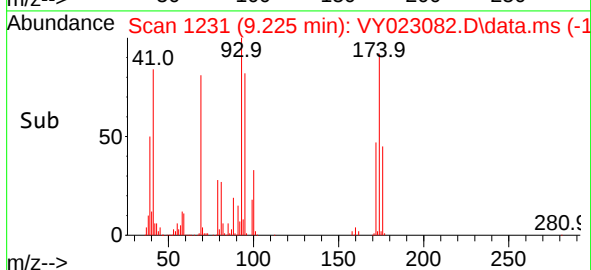
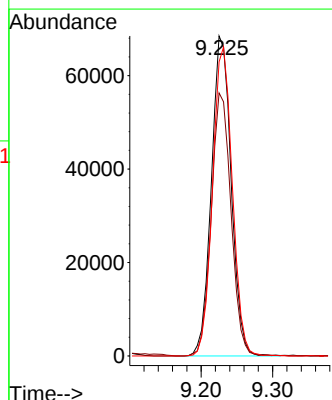
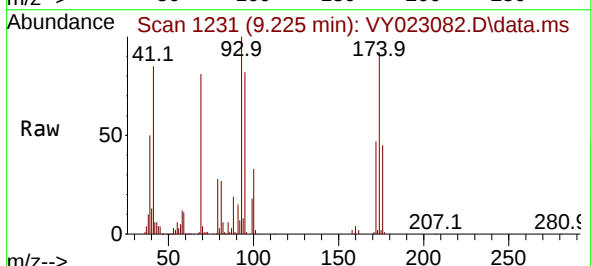
Tgt Ion: 93 Resp: 131895

Ion Ratio Lower Upper

93 100

95 81.9 66.5 99.7

174 96.5 81.8 122.8

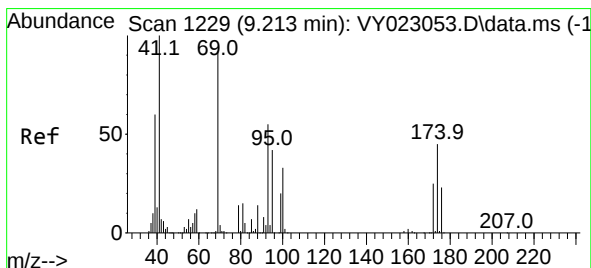
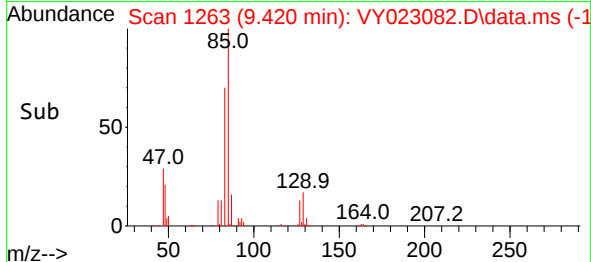
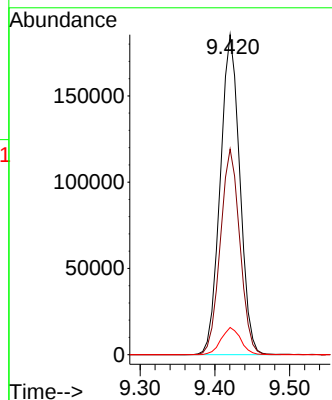
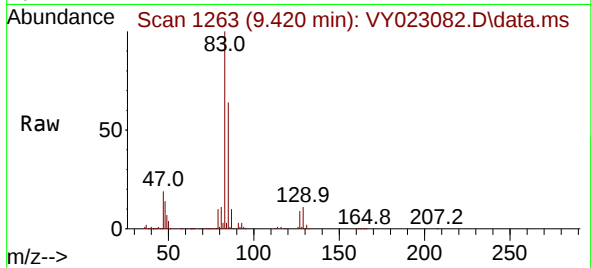




#47
Bromodichloromethane
Concen: 49.561 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

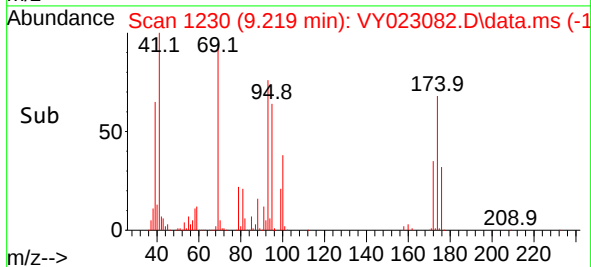
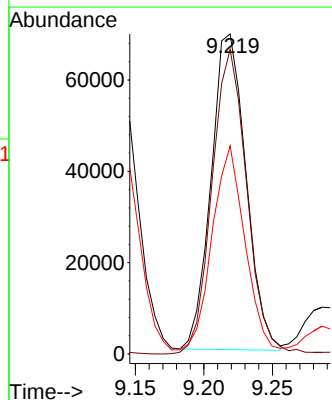
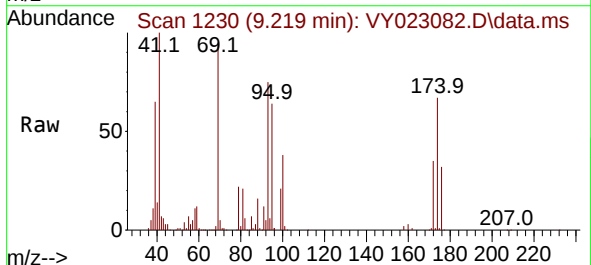
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 337254
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 46.388 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 41 Resp: 122447
Ion Ratio Lower Upper
41 100
69 96.6 73.2 109.8
39 60.4 47.0 70.4





#49

1,4-Dioxane

Concen: 946.941 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

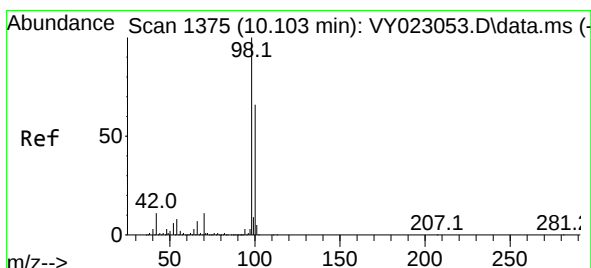
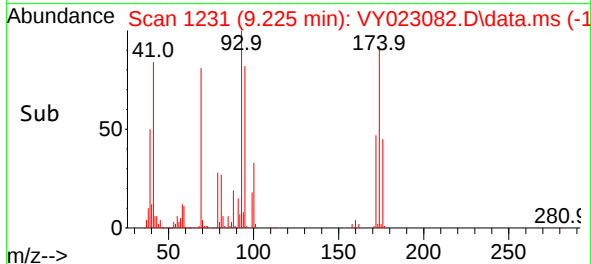
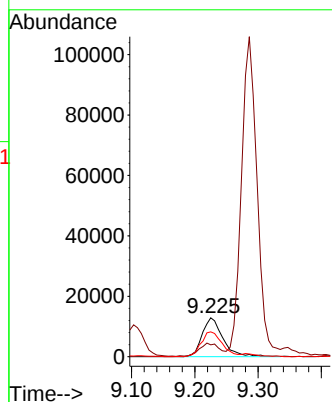
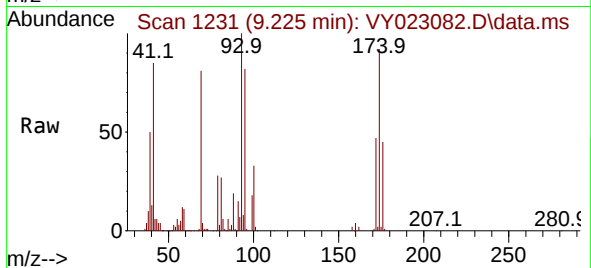
Tgt Ion: 88 Resp: 29363

Ion Ratio Lower Upper

88 100

43 33.1 24.3 36.5

58 64.7 55.4 83.0



#50

Toluene-d8

Concen: 49.680 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023082.D

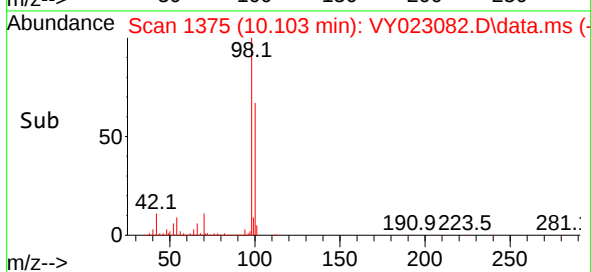
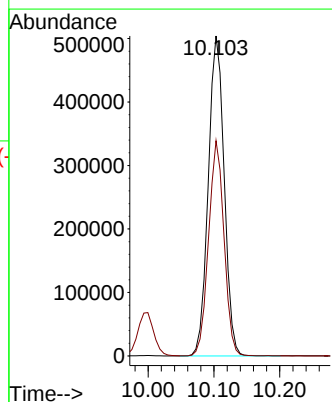
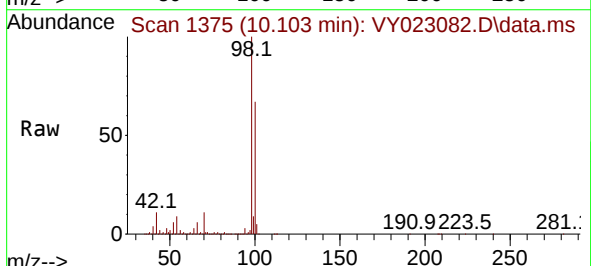
Acq: 13 Aug 2025 20:00

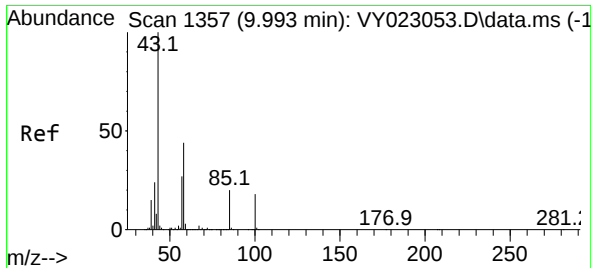
Tgt Ion: 98 Resp: 848458

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

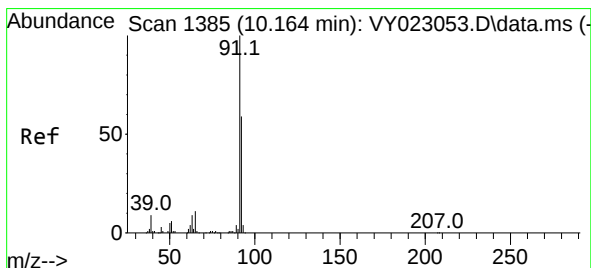
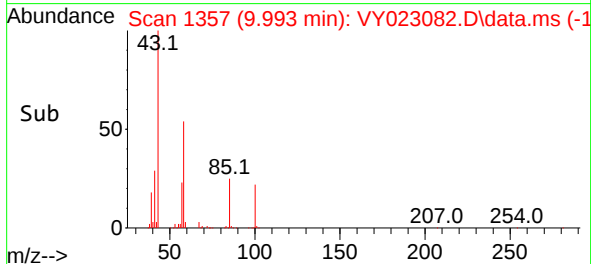
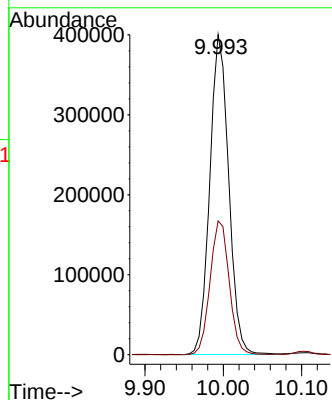
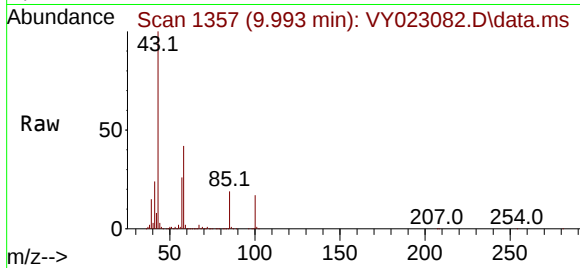




#51
4-Methyl-2-Pentanone
Concen: 235.707 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

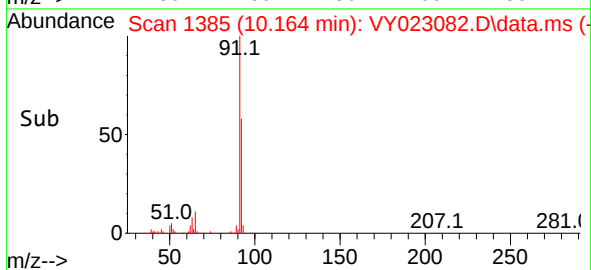
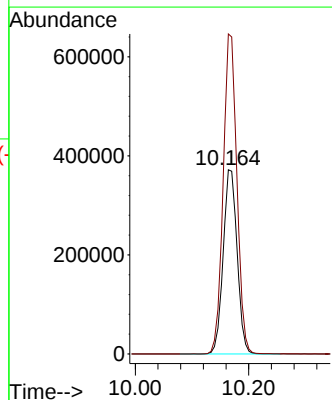
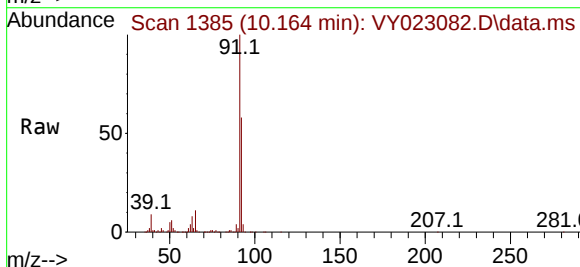
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

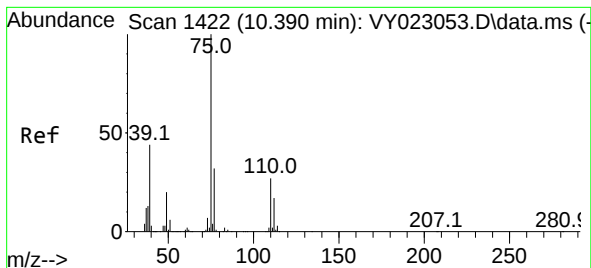
Tgt Ion: 43 Resp: 670681
Ion Ratio Lower Upper
43 100
58 42.4 33.5 50.3



#52
Toluene
Concen: 49.890 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 92 Resp: 634517
Ion Ratio Lower Upper
92 100
91 171.1 136.4 204.6

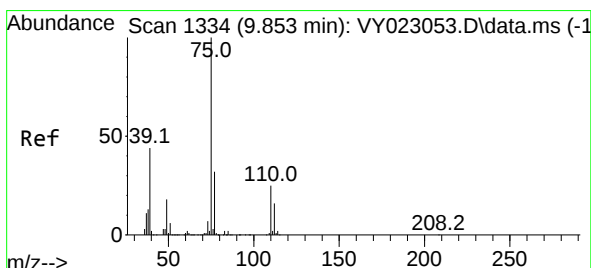
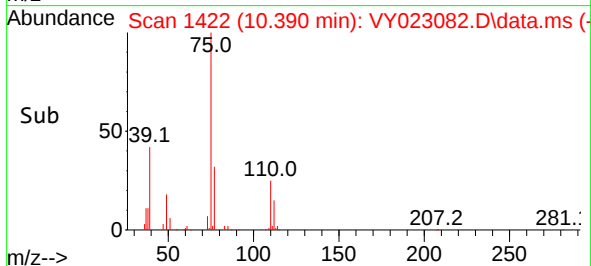
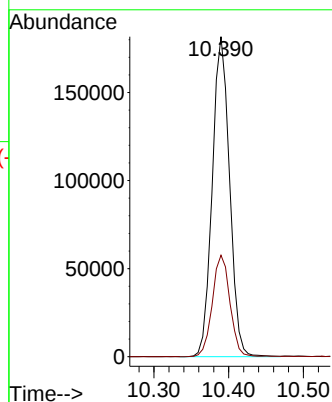
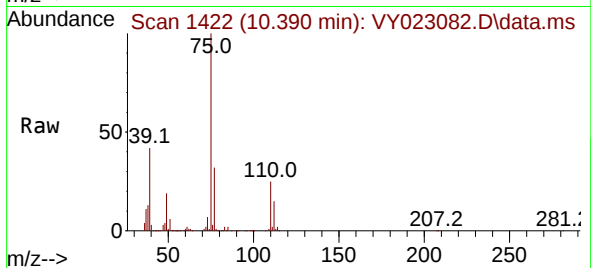




#53
t-1,3-Dichloropropene
Concen: 47.408 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

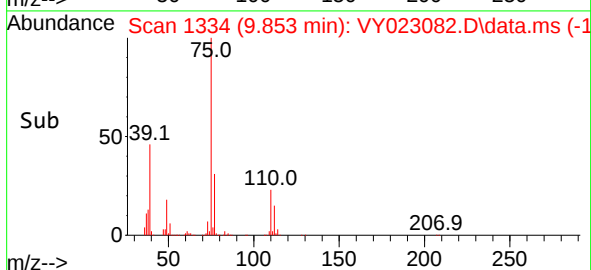
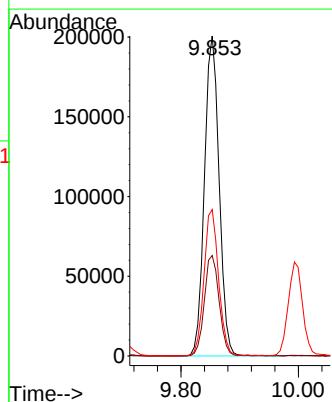
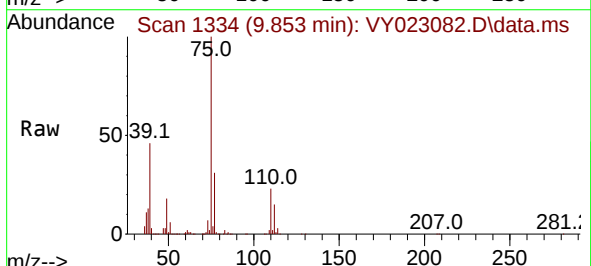
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

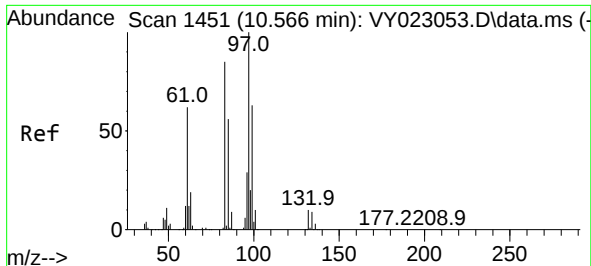
Tgt Ion: 75 Resp: 292128
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.881 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 75 Resp: 348886
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 45.7 35.6 53.4



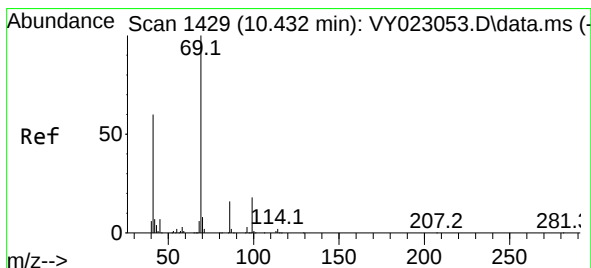
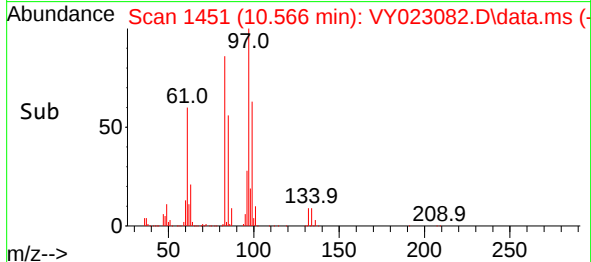
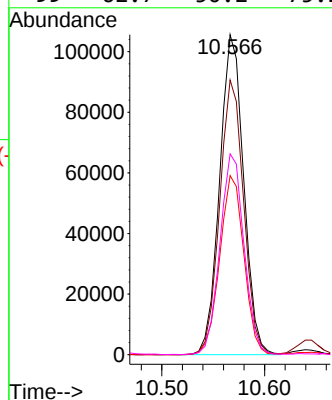
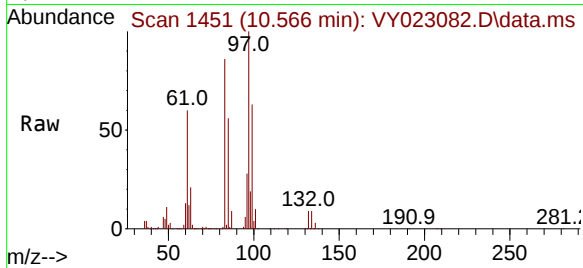


#55
1,1,2-Trichloroethane
Concen: 48.399 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 171270

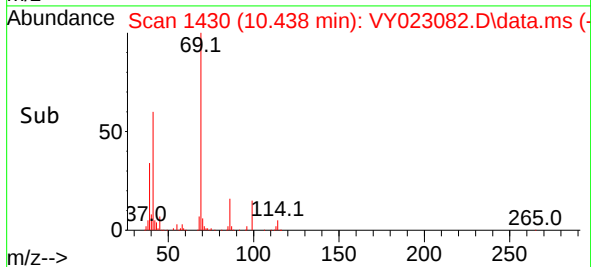
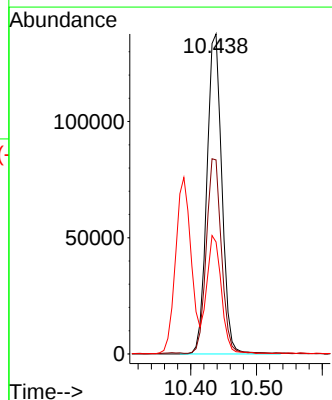
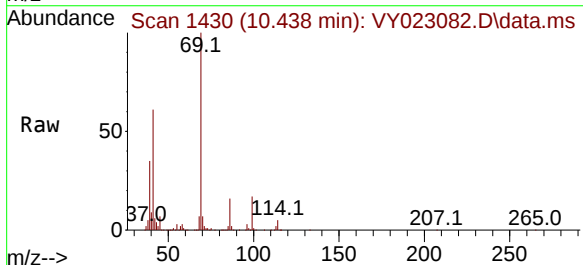
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.7	101.5
85	55.9	44.5	66.7
99	62.7	50.2	75.2

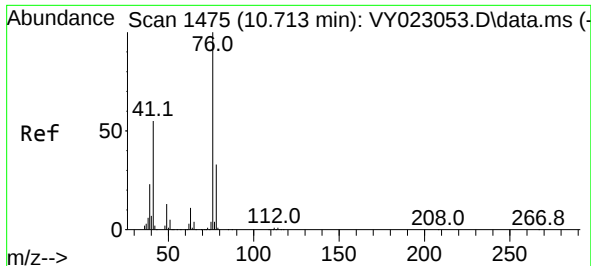


#56
Ethyl methacrylate
Concen: 48.164 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 69 Resp: 218091

Ion	Ratio	Lower	Upper
69	100		
41	61.3	48.6	72.8
39	35.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.039 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

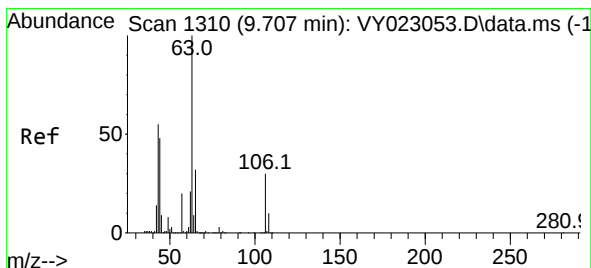
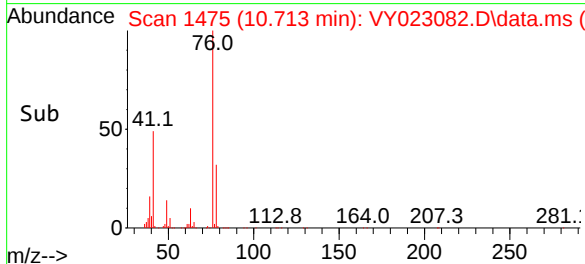
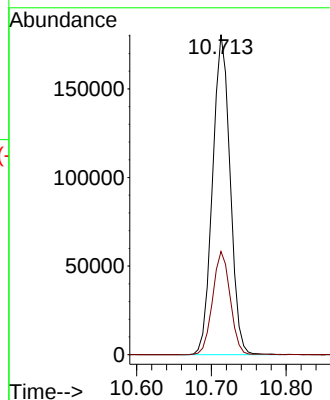
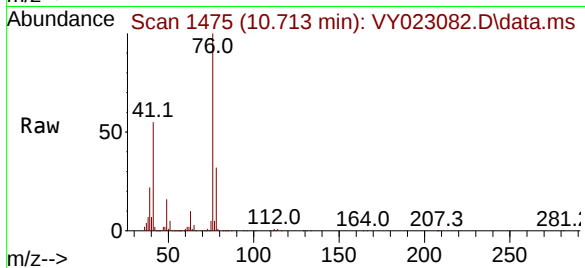
VSTDCCC050EC

Tgt Ion: 76 Resp: 294300

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 263.718 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023082.D

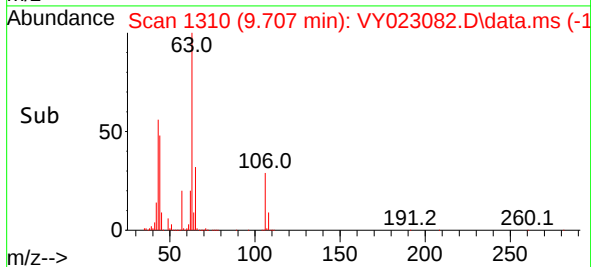
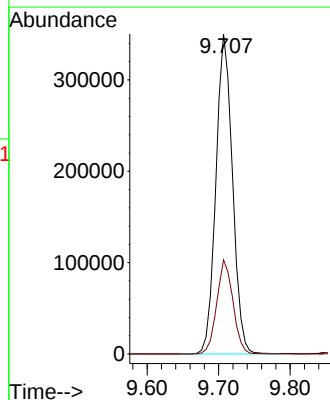
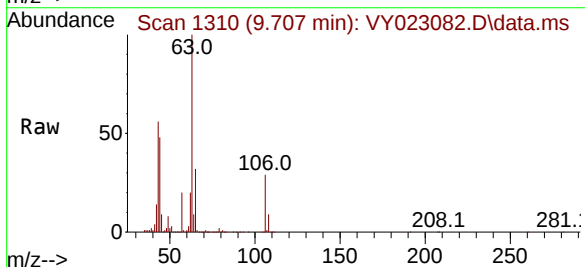
Acq: 13 Aug 2025 20:00

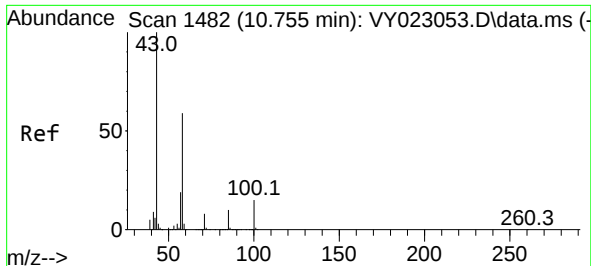
Tgt Ion: 63 Resp: 563277

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8

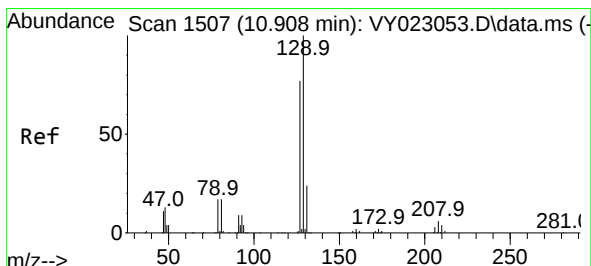
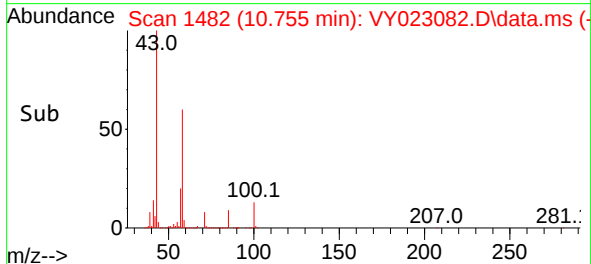
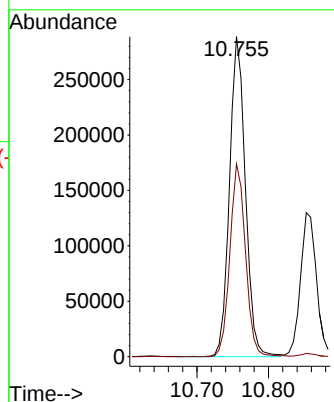
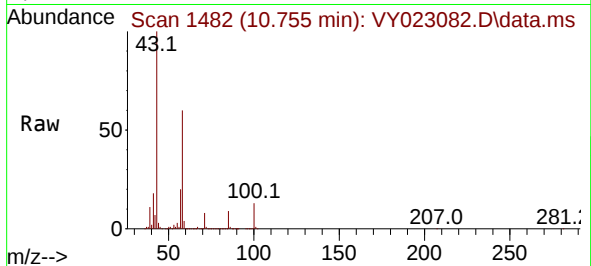




#59
2-Hexanone
Concen: 229.542 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

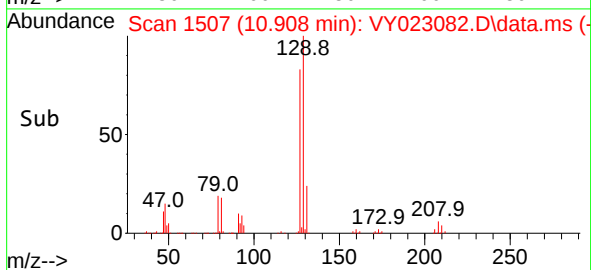
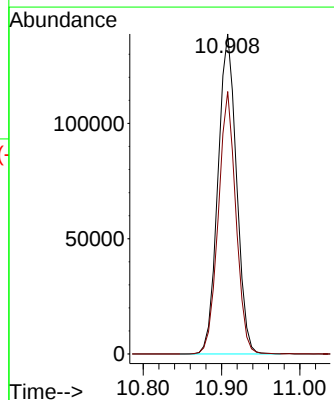
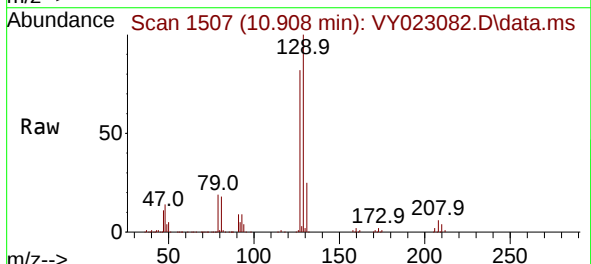
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

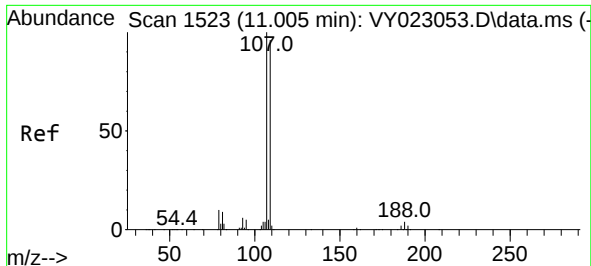
Tgt Ion: 43 Resp: 444743
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 48.956 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 129 Resp: 228588
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

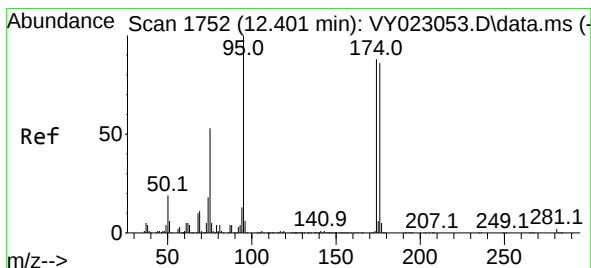
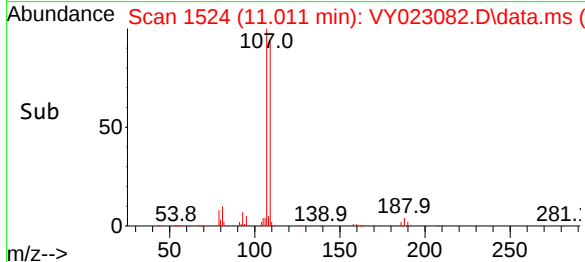
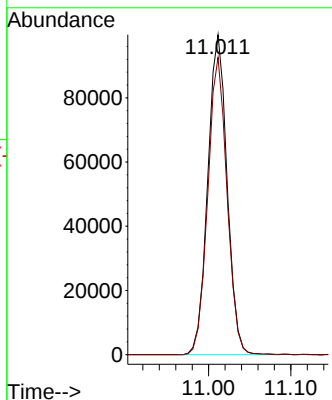
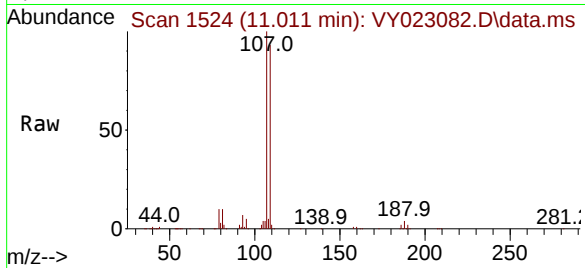




#61
1,2-Dibromoethane
Concen: 48.817 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

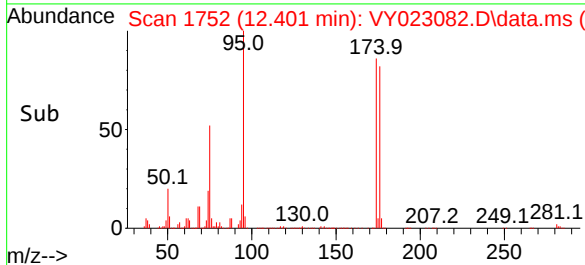
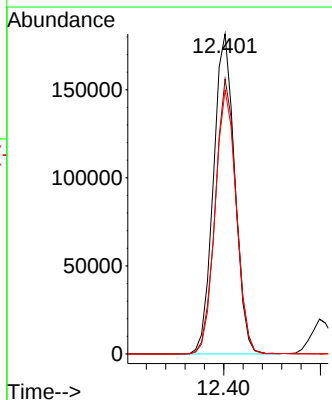
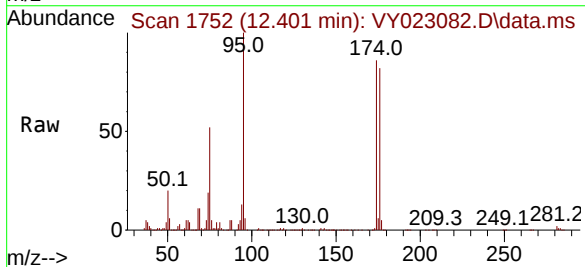
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

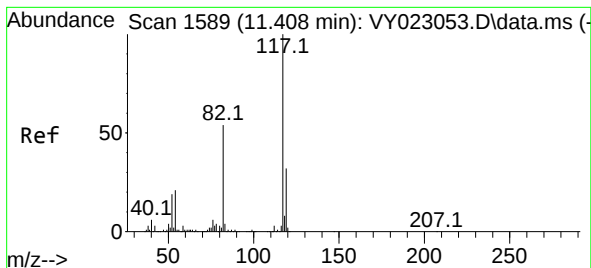
Tgt Ion:107 Resp: 162363
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.453 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 95 Resp: 277110
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.6
176 82.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

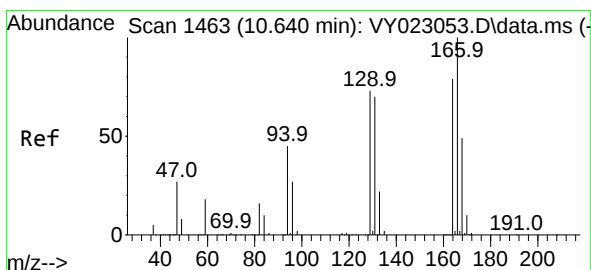
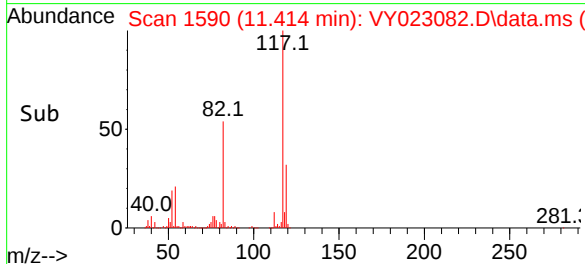
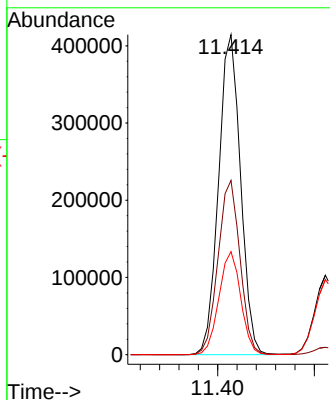
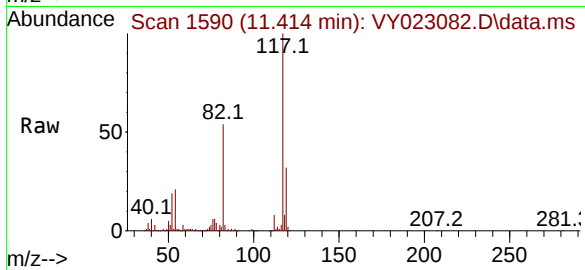
Tgt Ion:117 Resp: 653170

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 49.476 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Tgt Ion:164 Resp: 288562

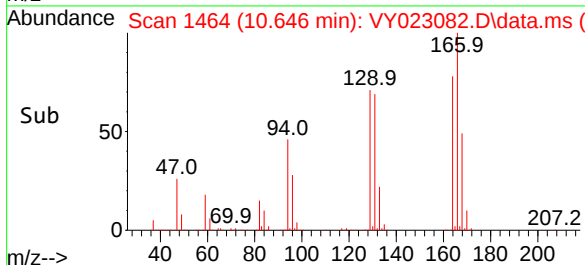
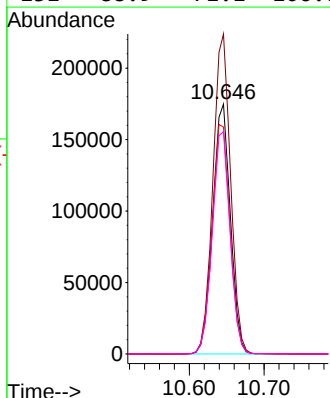
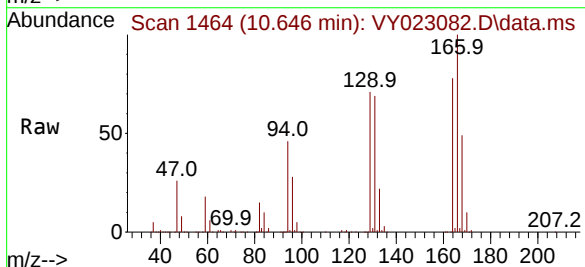
Ion Ratio Lower Upper

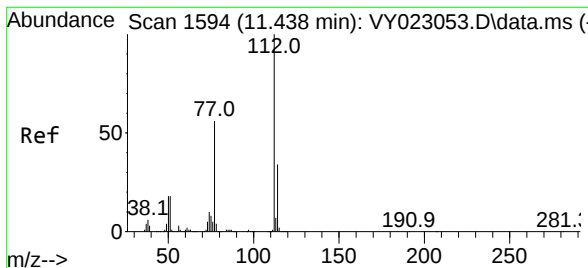
164 100

166 128.1 101.1 151.7

129 90.8 74.0 111.0

131 88.9 71.1 106.7

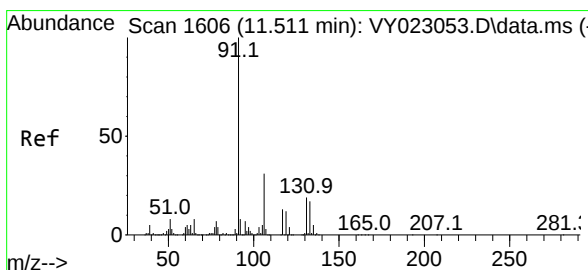
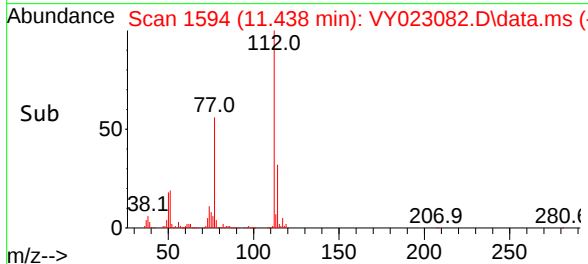
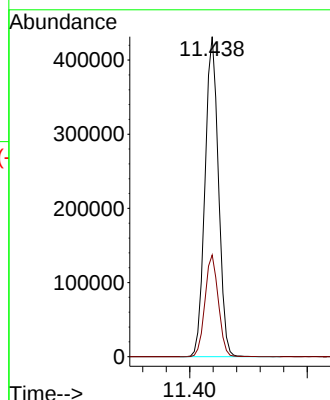
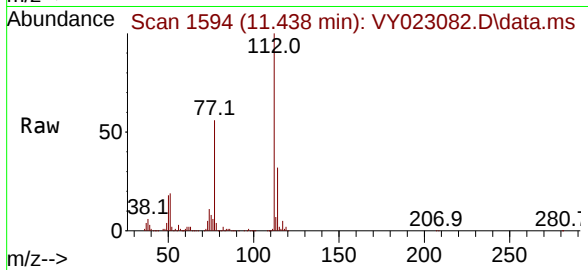




#65
Chlorobenzene
Concen: 48.595 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

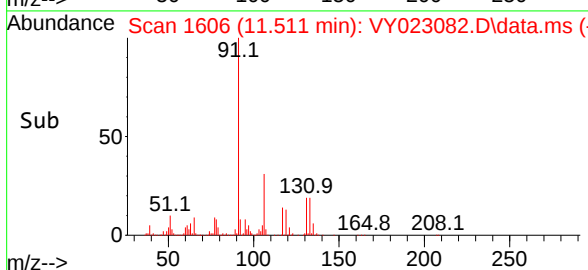
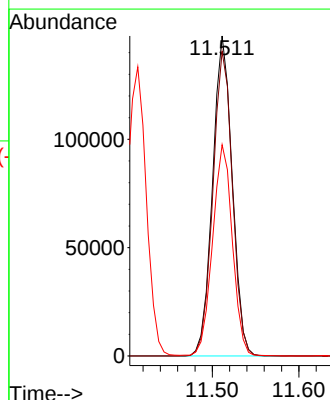
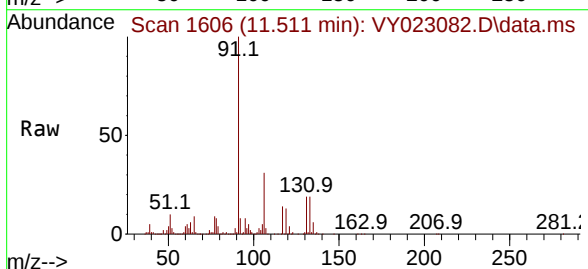
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

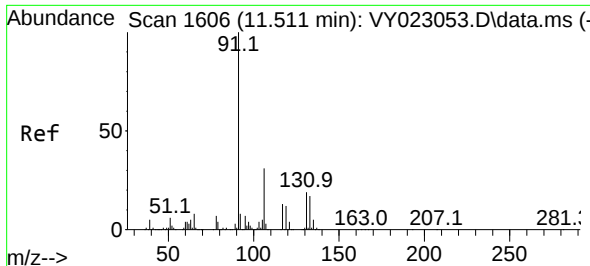
Tgt Ion:112 Resp: 684648
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.615 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion:131 Resp: 232459
Ion Ratio Lower Upper
131 100
133 95.0 46.9 140.6
119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 48.633 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

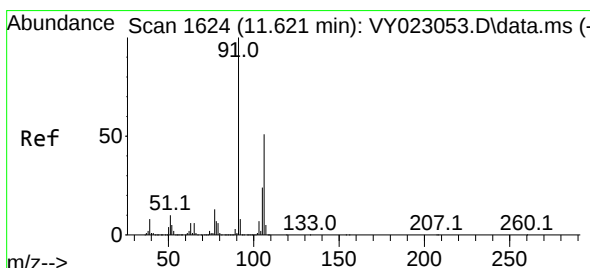
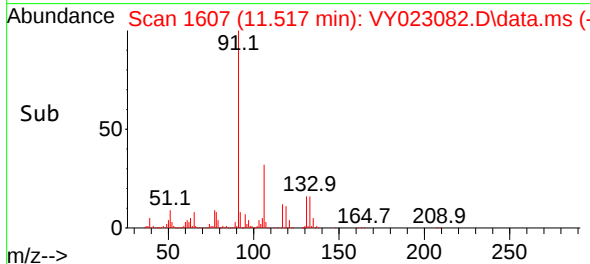
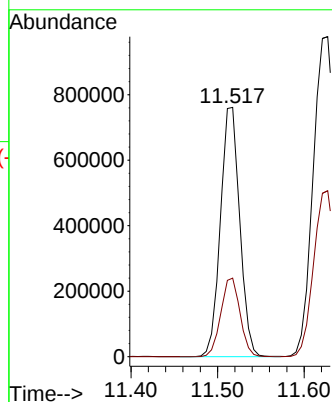
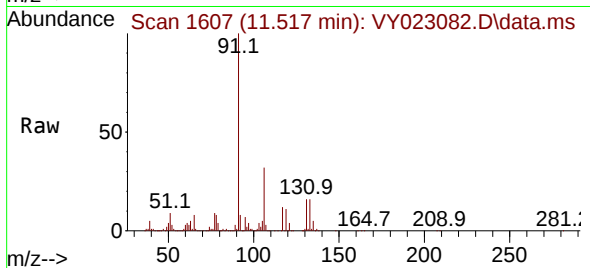
VSTDCCC050EC

Tgt Ion: 91 Resp: 1179134

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 98.062 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023082.D

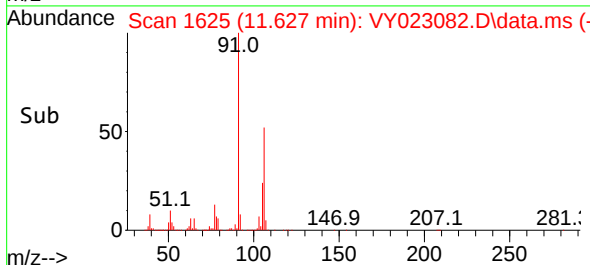
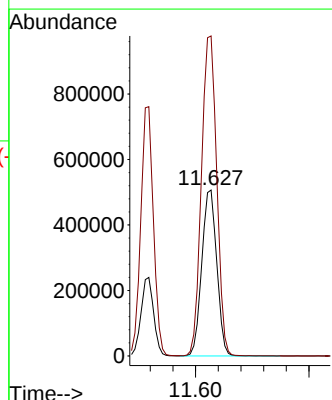
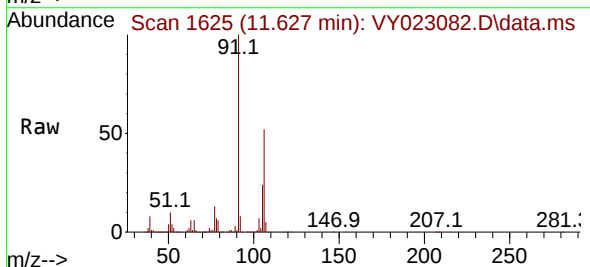
Acq: 13 Aug 2025 20:00

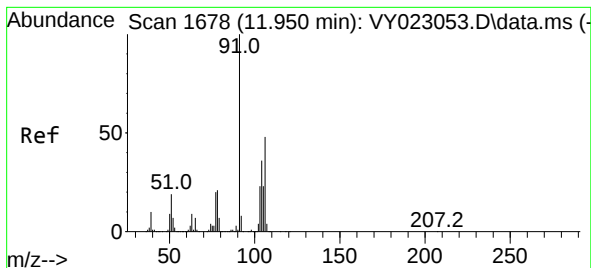
Tgt Ion:106 Resp: 928592

Ion Ratio Lower Upper

106 100

91 197.0 158.6 238.0

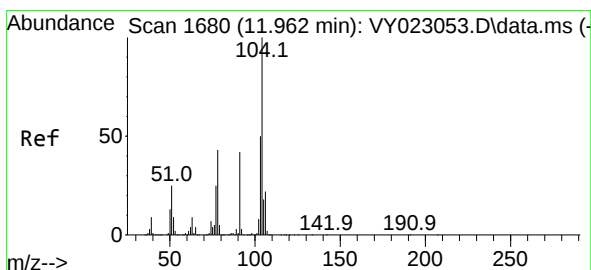
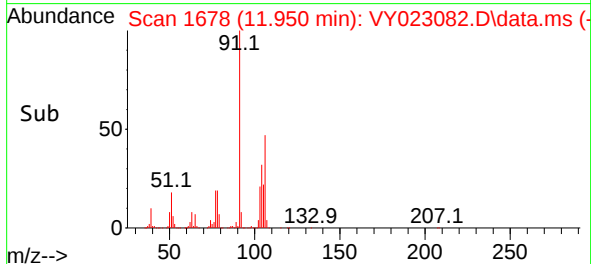
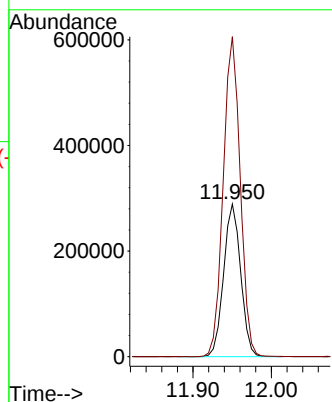
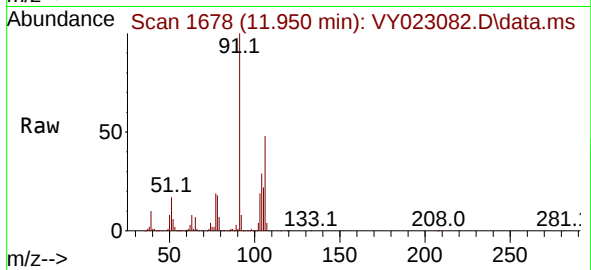




#69
o-Xylene
Concen: 49.346 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

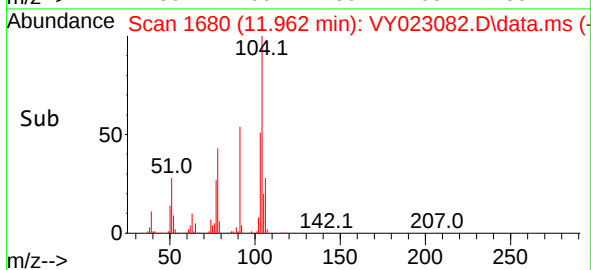
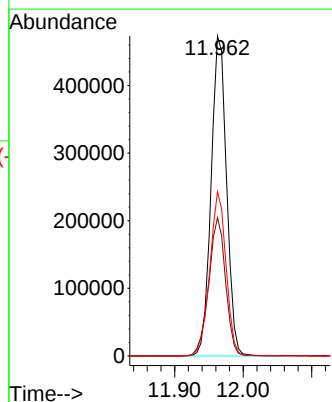
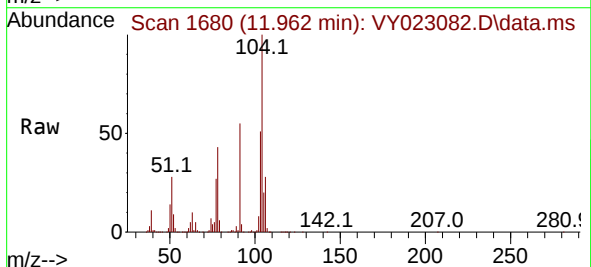
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

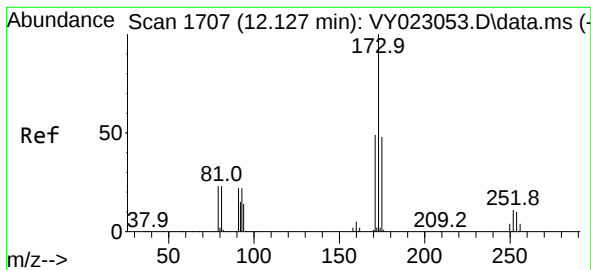
Tgt Ion:106 Resp: 437649
Ion Ratio Lower Upper
106 100
91 209.1 103.2 309.4



#70
Styrene
Concen: 51.107 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion:104 Resp: 741269
Ion Ratio Lower Upper
104 100
78 46.9 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 45.809 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

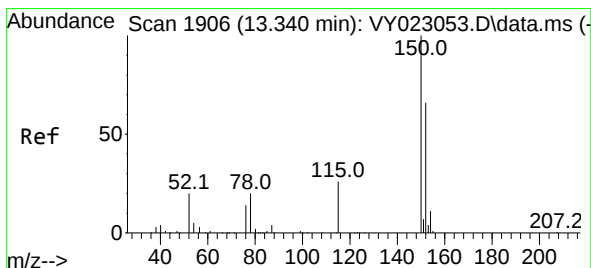
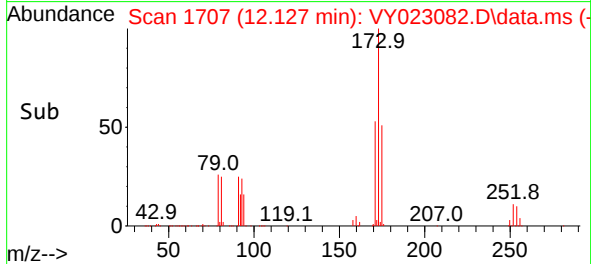
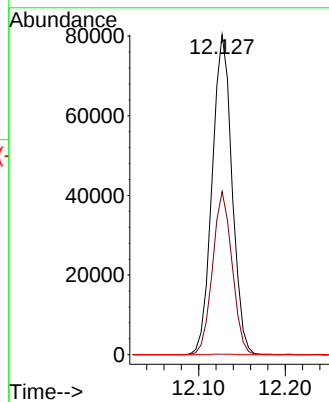
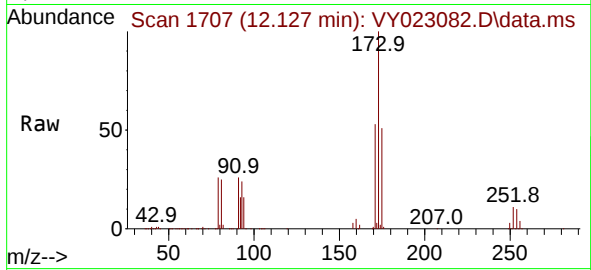
Tgt Ion:173 Resp: 128021

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

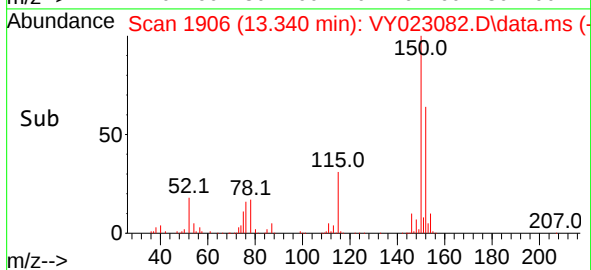
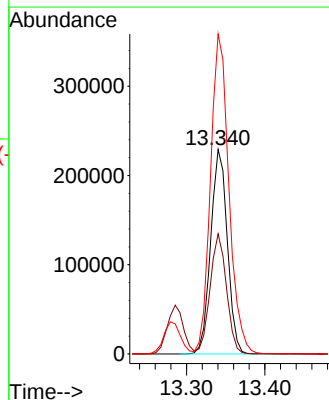
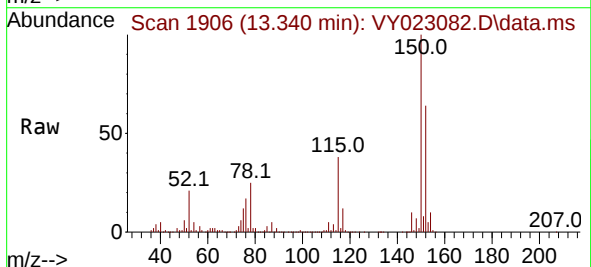
Tgt Ion:152 Resp: 337955

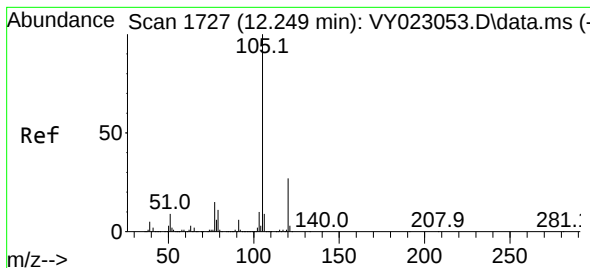
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.6

150 172.7 0.0 348.0





#73

Isopropylbenzene

Concen: 46.989 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

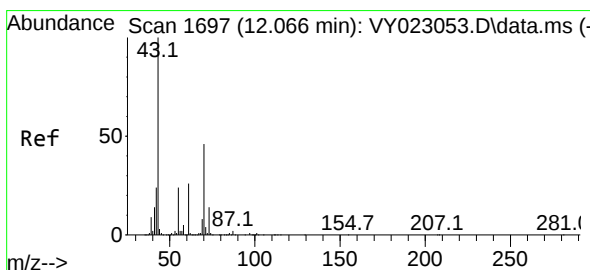
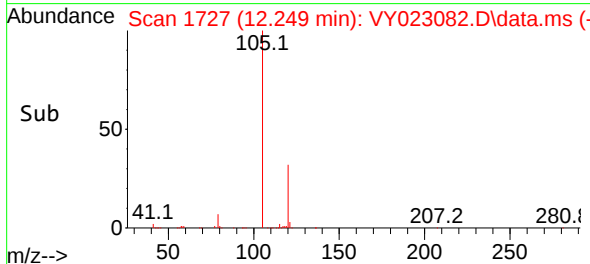
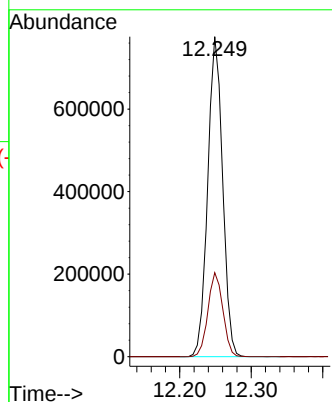
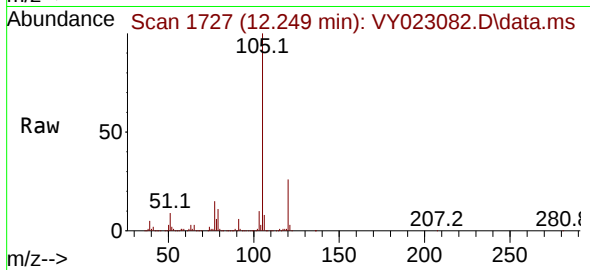
VSTDCCC050EC

Tgt Ion:105 Resp: 1120808

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 45.070 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Tgt Ion: 43 Resp: 227982

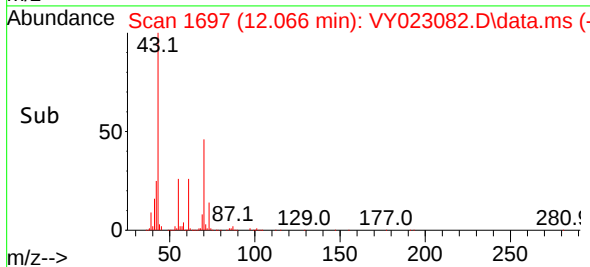
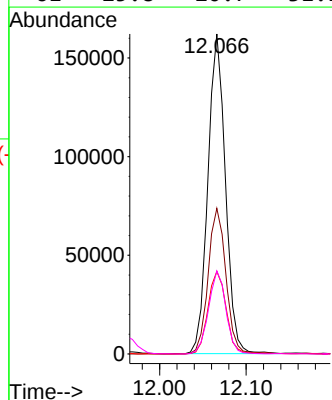
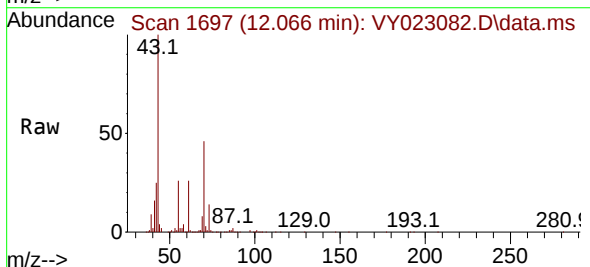
Ion Ratio Lower Upper

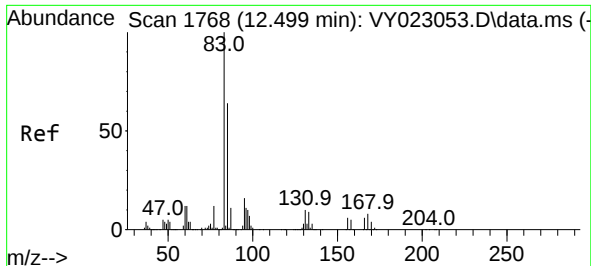
43 100

70 46.7 37.5 56.3

55 27.0 20.7 31.1

61 25.8 20.7 31.1

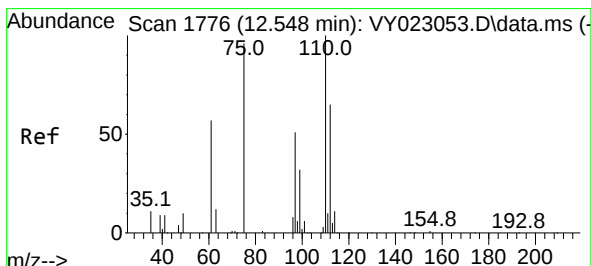
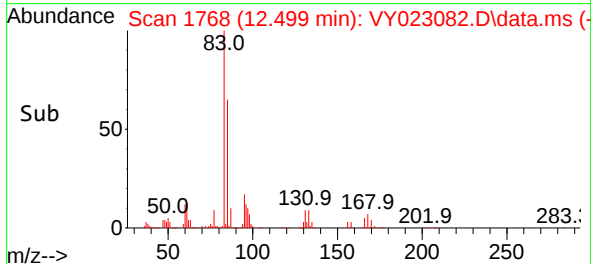
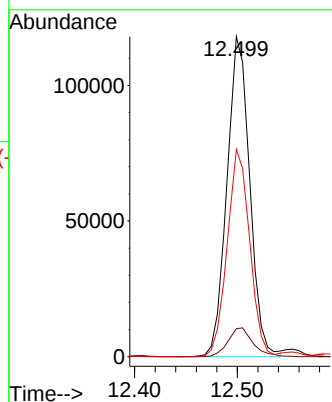
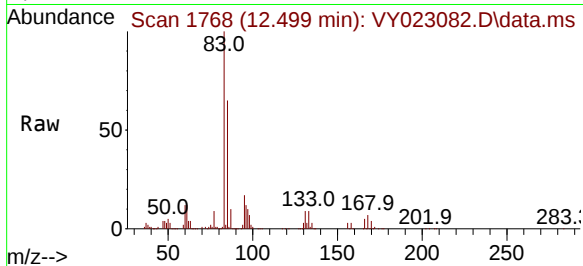




#75
1,1,2,2-Tetrachloroethane
Concen: 44.662 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

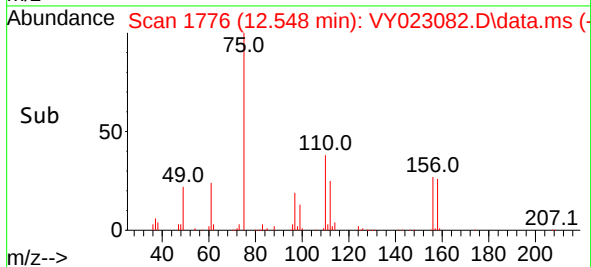
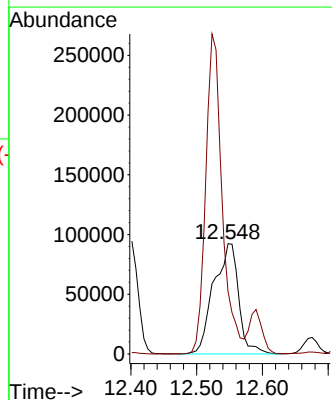
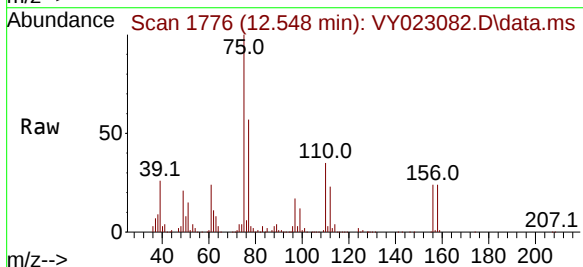
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

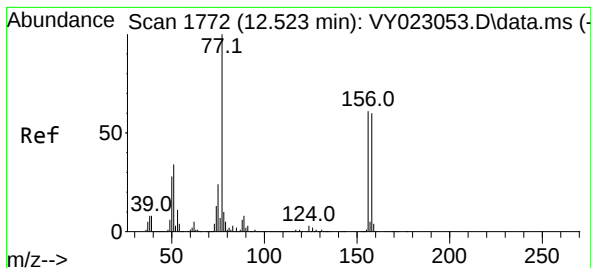
Tgt Ion: 83 Resp: 181898
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 74.579 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 75 Resp: 243249
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.880 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

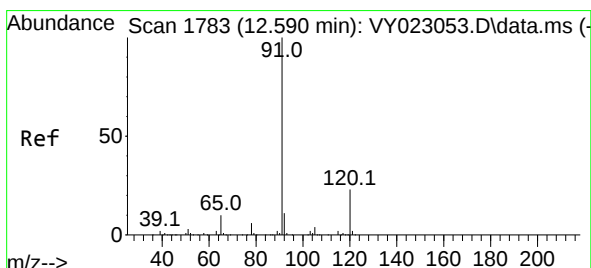
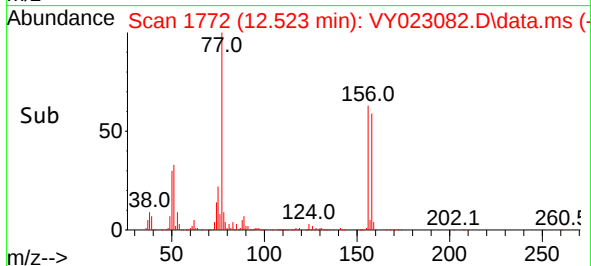
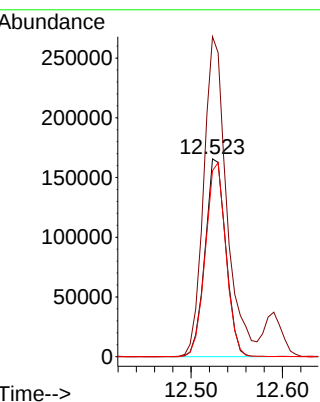
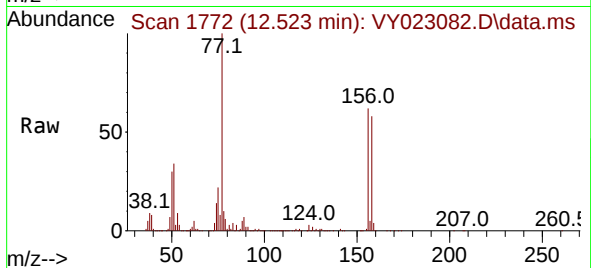
Tgt Ion:156 Resp: 261080

Ion Ratio Lower Upper

156 100

77 179.7 88.1 264.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 47.608 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023082.D

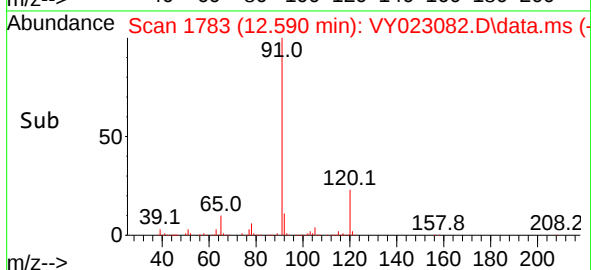
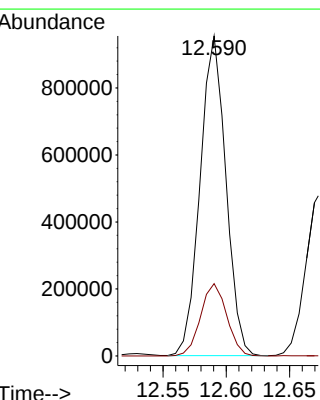
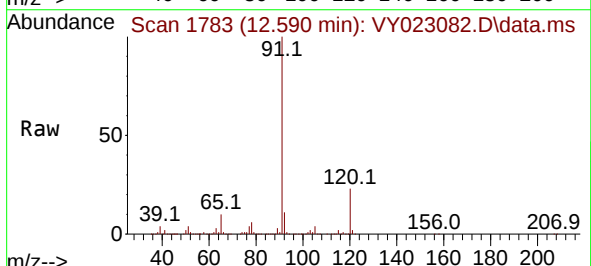
Acq: 13 Aug 2025 20:00

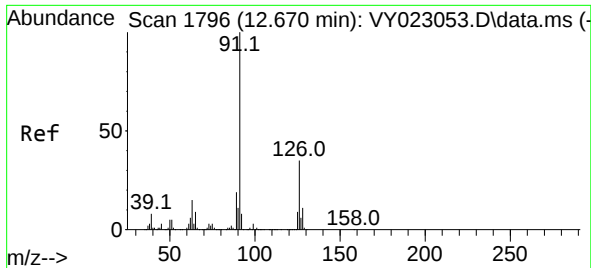
Tgt Ion: 91 Resp: 1351965

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

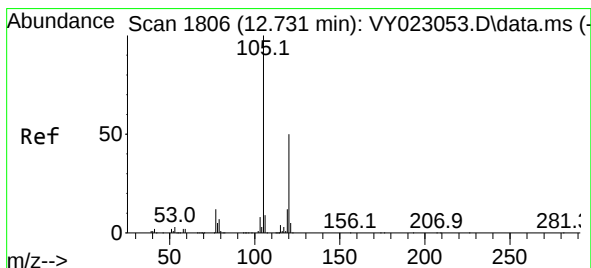
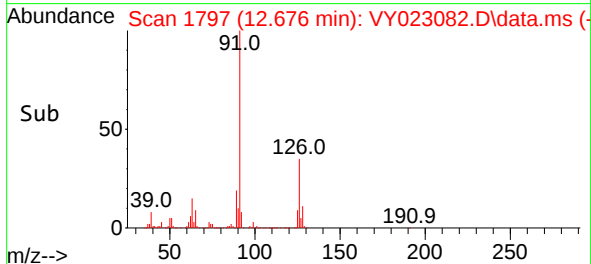
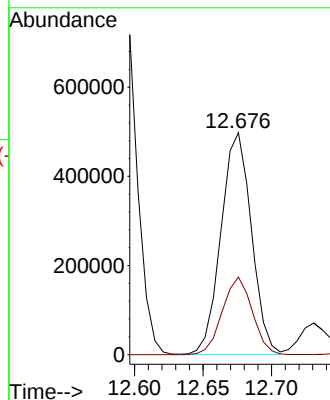
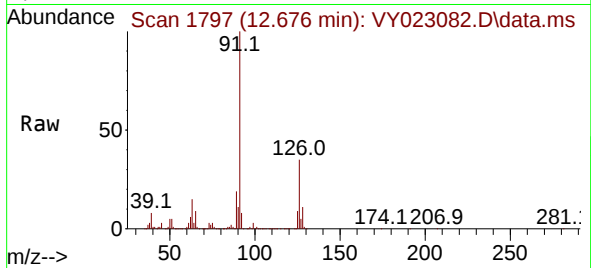




#79
2-Chlorotoluene
Concen: 47.220 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

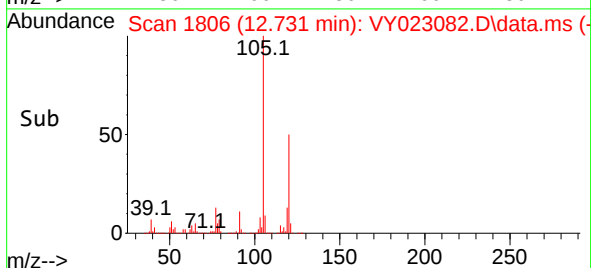
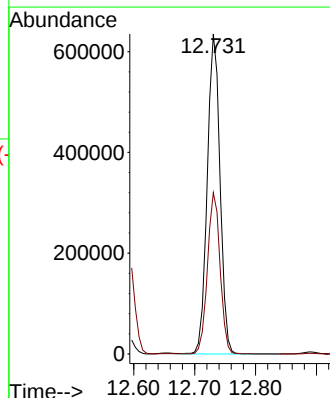
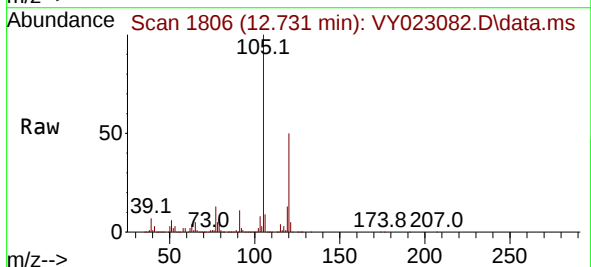
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

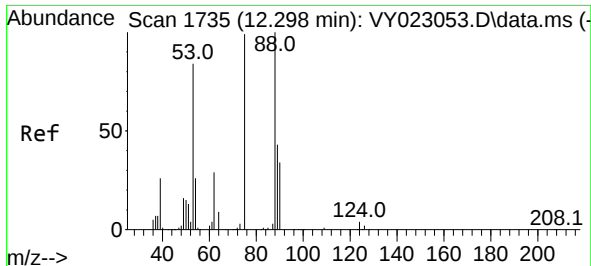
Tgt Ion: 91 Resp: 768315
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.002 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 105 Resp: 925355
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4

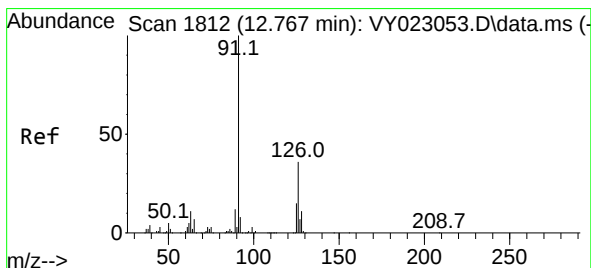
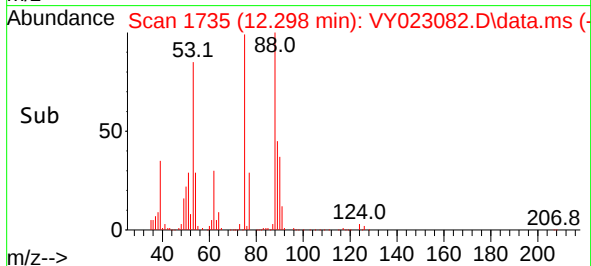
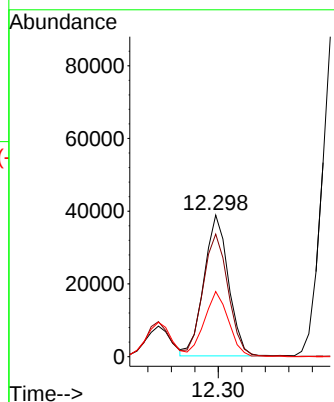
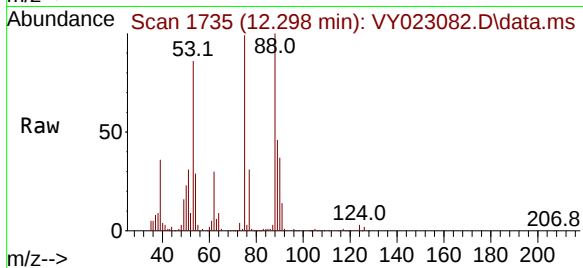




#81
trans-1,4-Dichloro-2-butene
Concen: 41.468 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

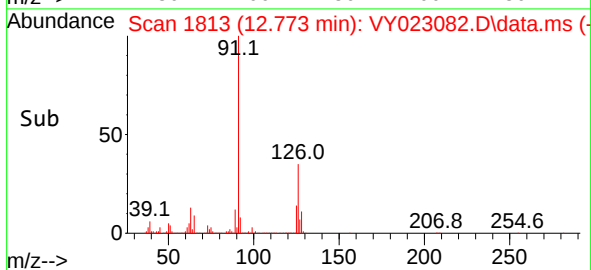
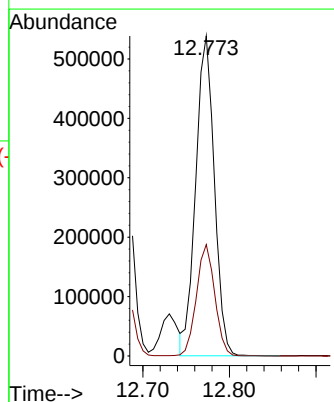
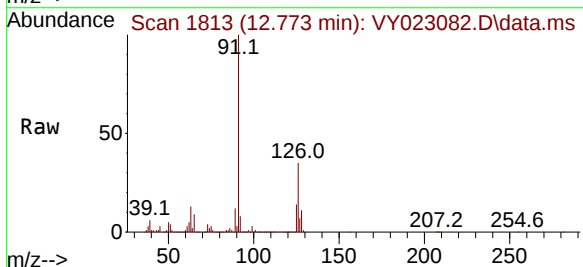
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

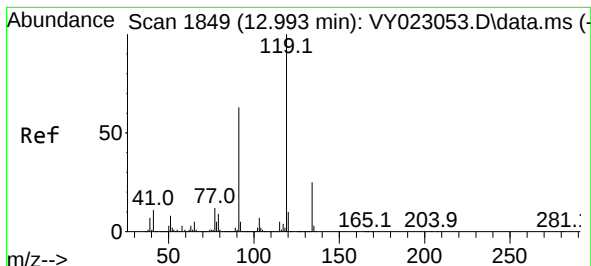
Tgt Ion: 75 Resp: 55874
Ion Ratio Lower Upper
75 100
53 89.1 70.8 106.2
89 46.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 47.468 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 91 Resp: 801214
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 46.538 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

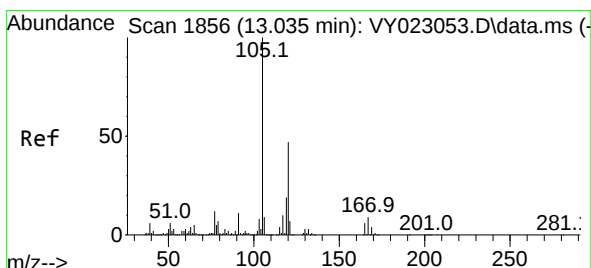
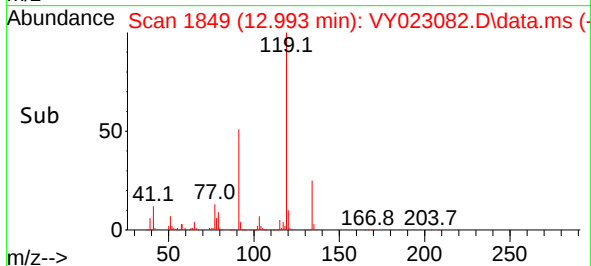
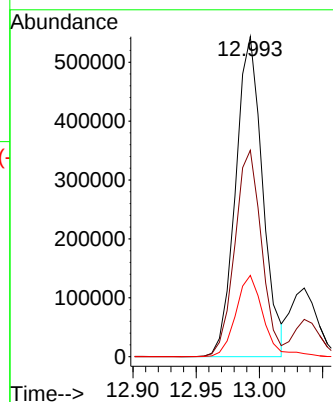
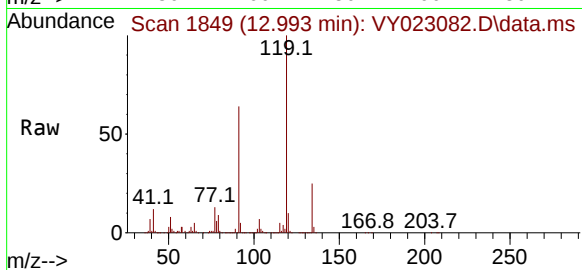
Tgt Ion:119 Resp: 810256

Ion Ratio Lower Upper

119 100

91 63.8 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 48.337 ug/l

RT: 13.035 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VY023082.D

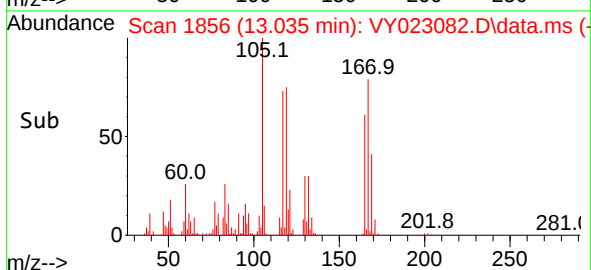
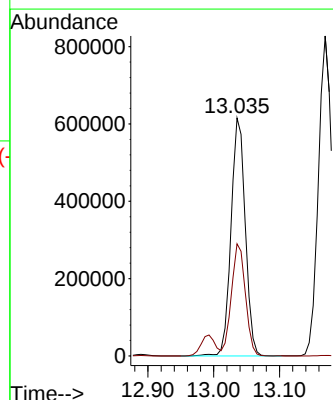
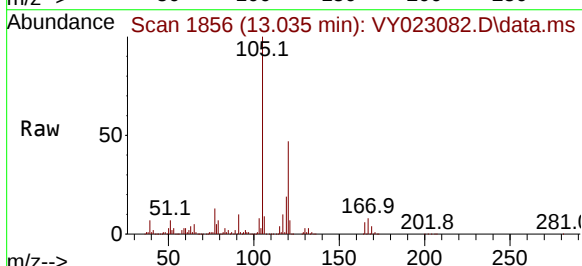
Acq: 13 Aug 2025 20:00

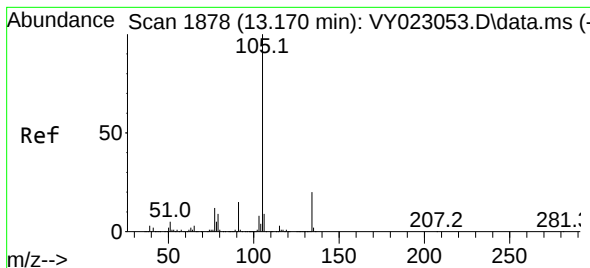
Tgt Ion:105 Resp: 927586

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

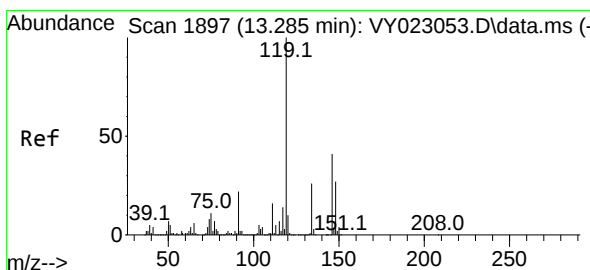
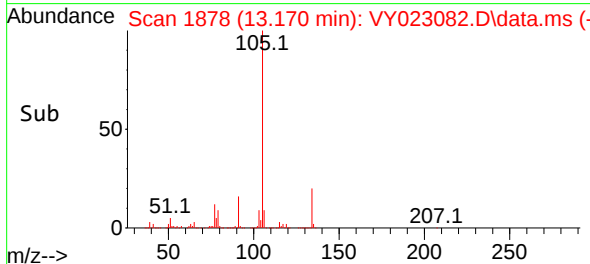
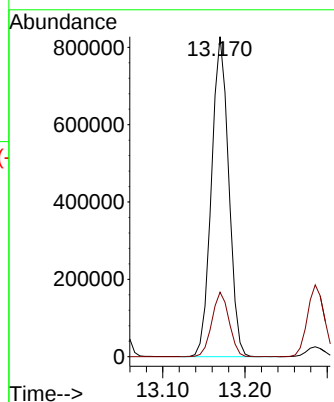
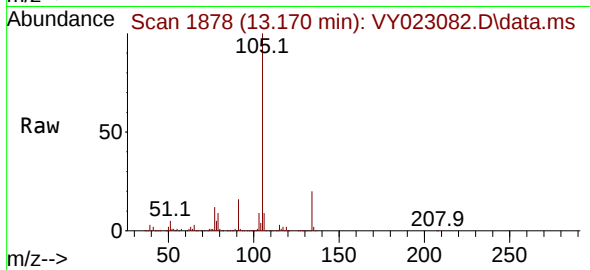




#85
 sec-Butylbenzene
 Concen: 47.086 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

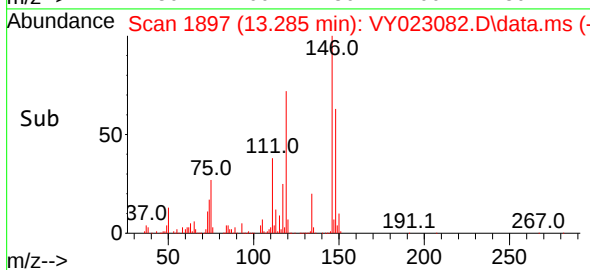
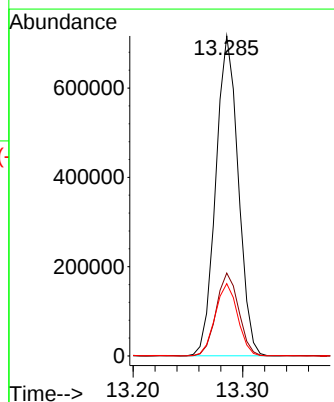
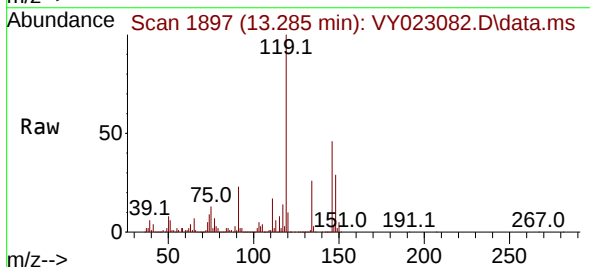
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

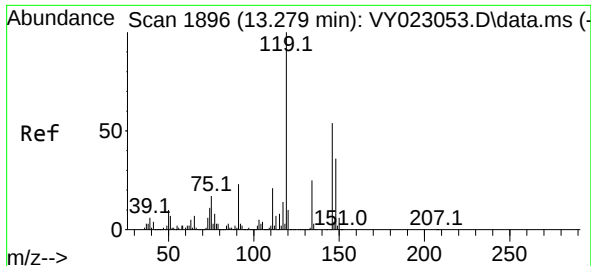
Tgt Ion:105 Resp: 1204282
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.033 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023082.D
 Acq: 13 Aug 2025 20:00

Tgt Ion:119 Resp: 1019726
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 46.997 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

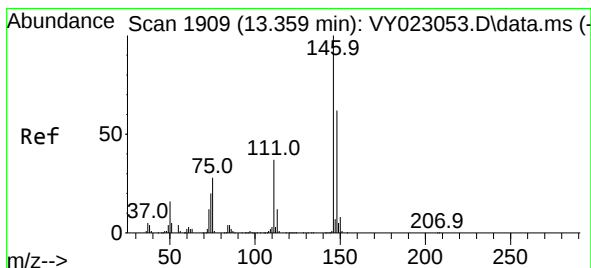
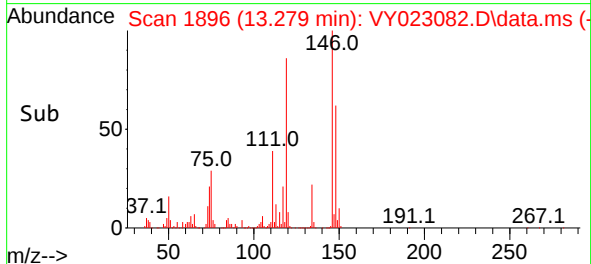
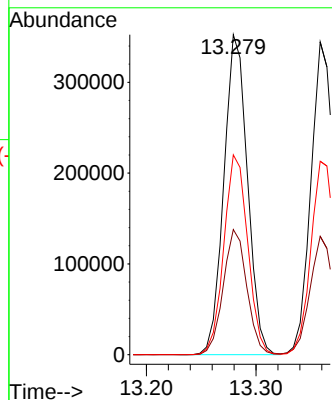
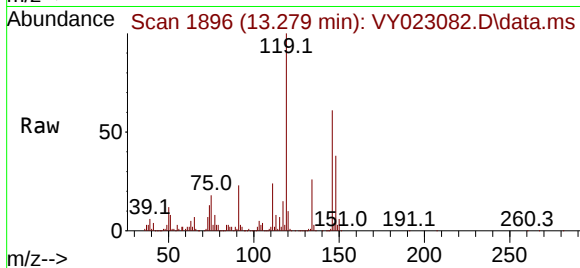
Tgt Ion:146 Resp: 527390

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

148 63.1 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 46.447 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

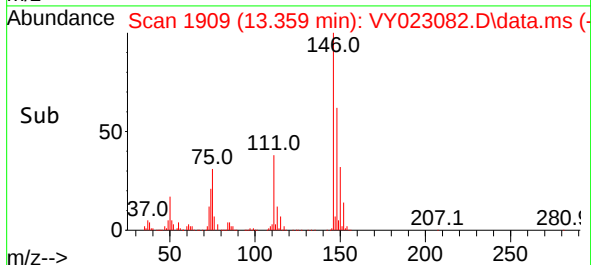
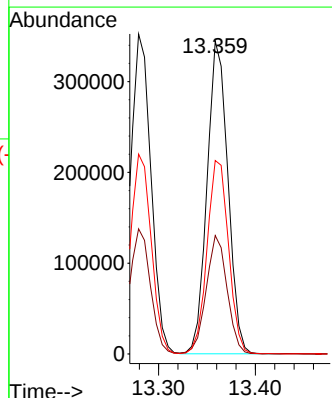
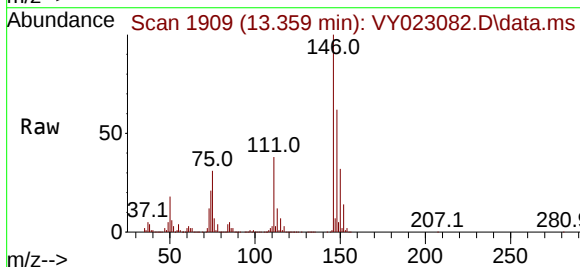
Tgt Ion:146 Resp: 517037

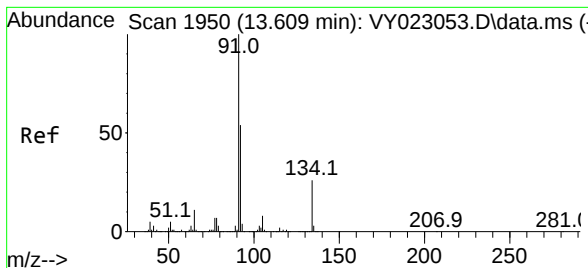
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 47.492 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

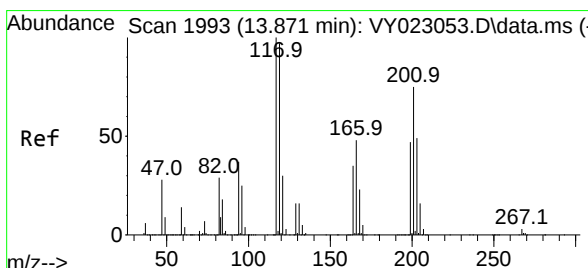
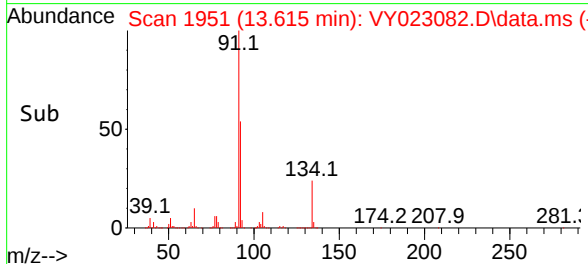
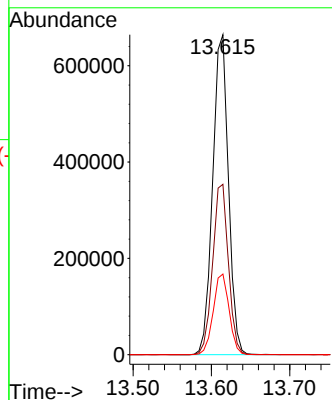
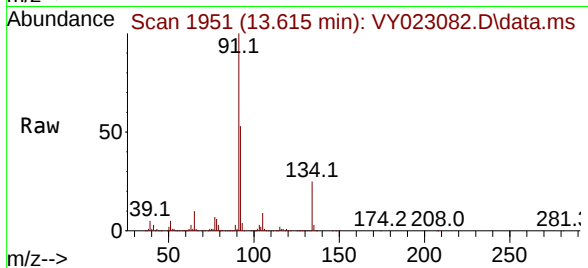
Tgt Ion: 91 Resp: 926009

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

134 25.5 13.2 39.5



#90

Hexachloroethane

Concen: 47.698 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023082.D

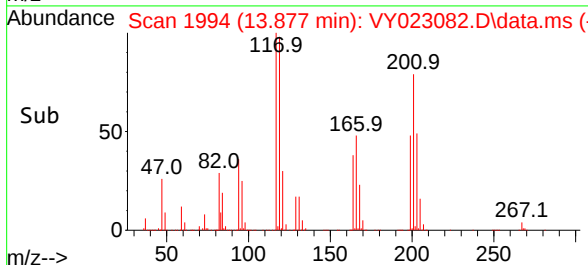
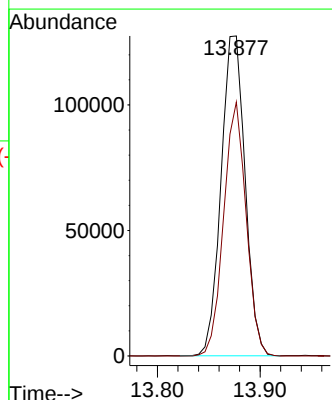
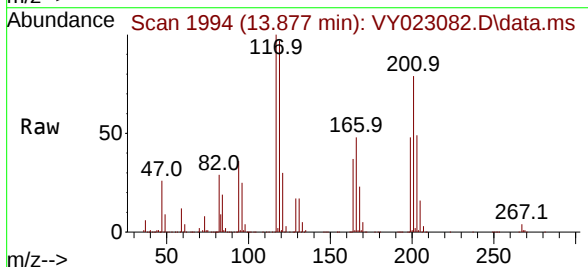
Acq: 13 Aug 2025 20:00

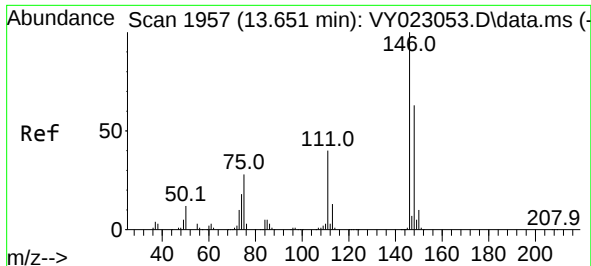
Tgt Ion: 117 Resp: 207292

Ion Ratio Lower Upper

117 100

201 73.9 38.4 115.1

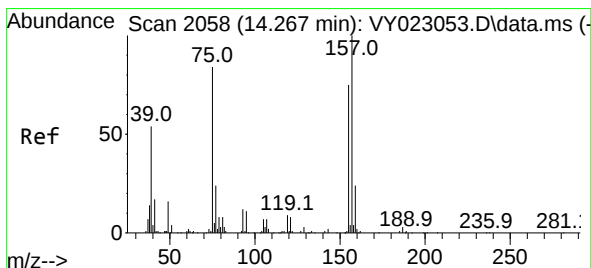
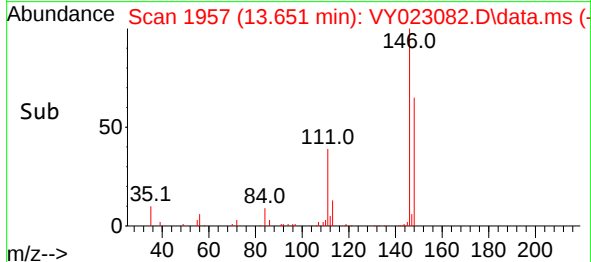
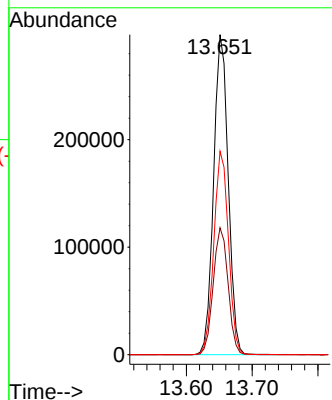
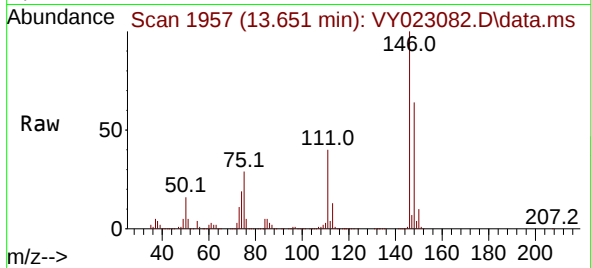




#91
1,2-Dichlorobenzene
Concen: 46.764 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

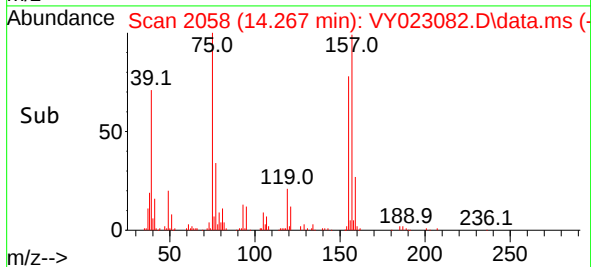
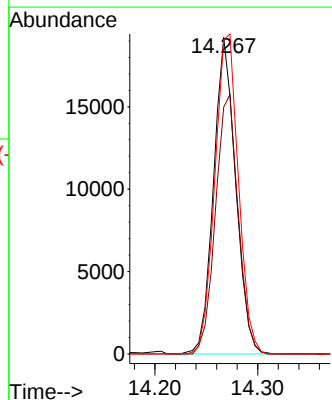
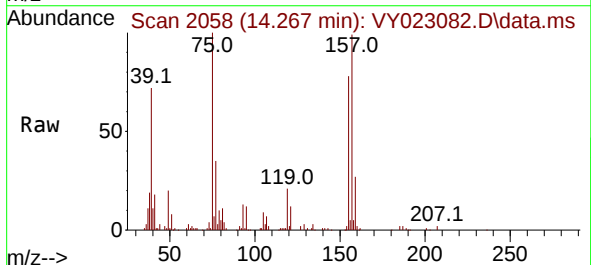
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

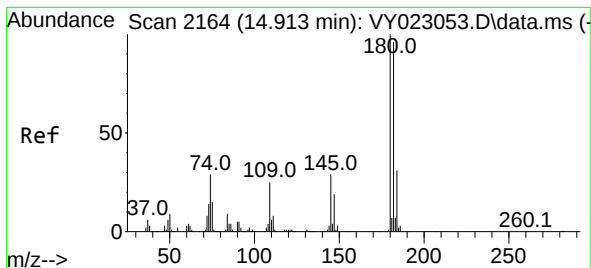
Tgt Ion:146 Resp: 460225
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.8 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.213 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY023082.D
Acq: 13 Aug 2025 20:00

Tgt Ion: 75 Resp: 28670
Ion Ratio Lower Upper
75 100
155 84.2 43.9 131.6
157 107.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 43.501 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

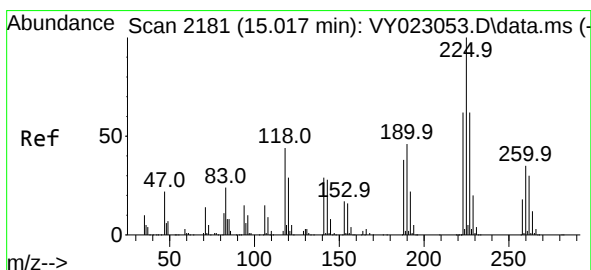
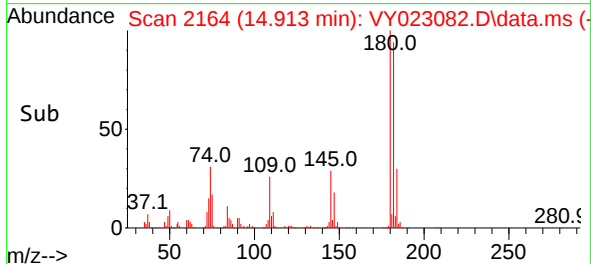
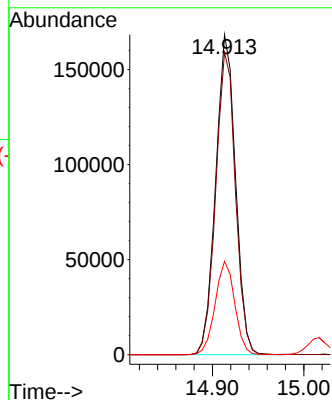
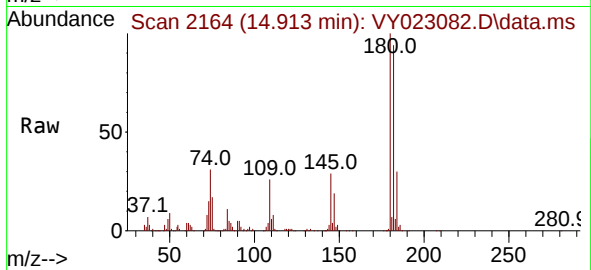
Tgt Ion:180 Resp: 253171

Ion Ratio Lower Upper

180 100

182 94.4 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 41.989 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

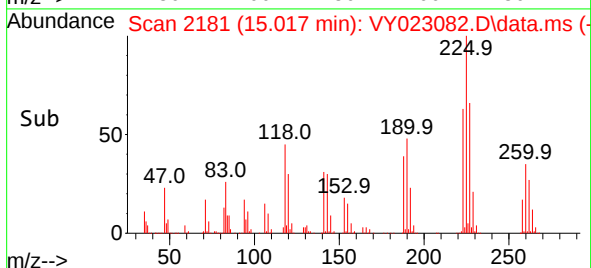
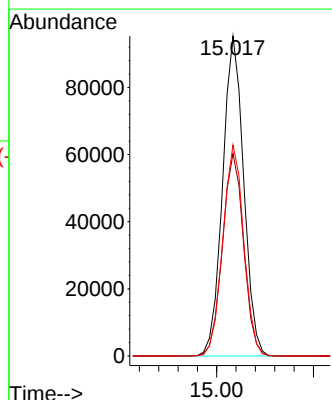
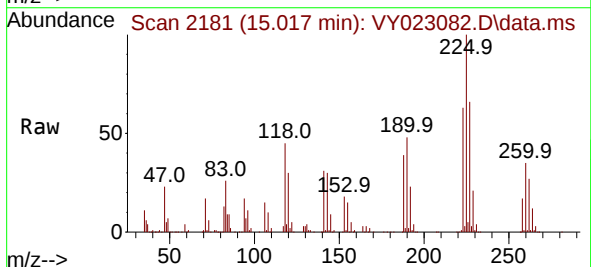
Tgt Ion:225 Resp: 143600

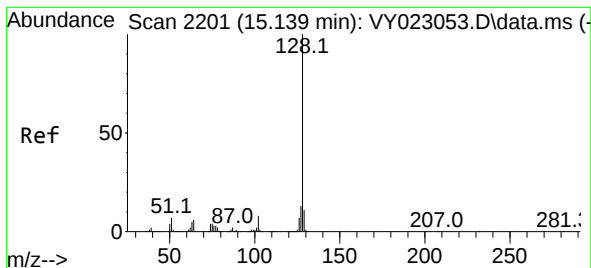
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 65.6 31.5 94.5





#95

Naphthalene

Concen: 46.256 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

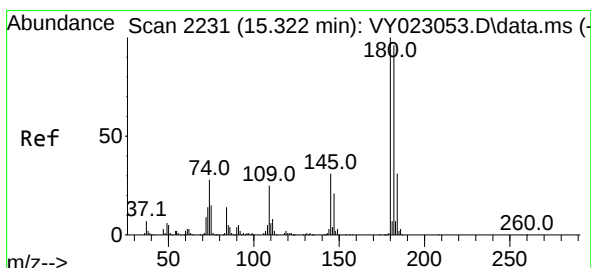
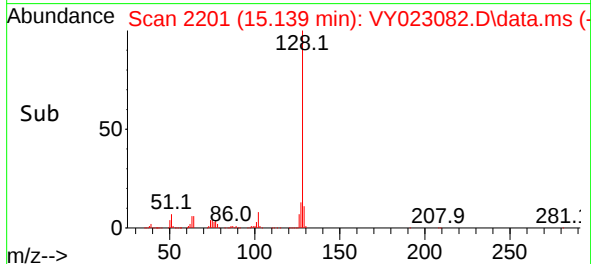
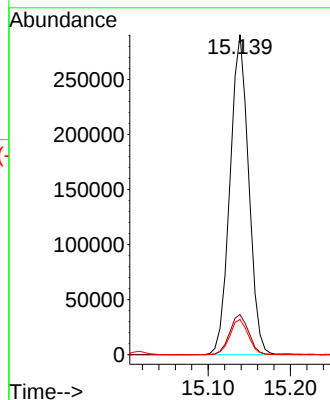
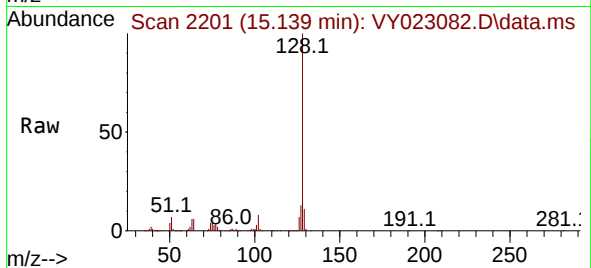
Tgt Ion:128 Resp: 459045

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 43.140 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023082.D

Acq: 13 Aug 2025 20:00

Tgt Ion:180 Resp: 216348

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 31.4 15.9 47.7

