

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023250.D
 Acq On : 29 Aug 2025 16:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 30 01:24:09 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	391392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	603130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	552656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	297811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195061	52.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.580%	
35) Dibromofluoromethane	7.634	113	203916	56.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.103	98	792991	56.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.401	95	255786	56.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	130778	40.935	ug/l	98
3) Chloromethane	2.068	50	239397	46.265	ug/l	99
4) Vinyl Chloride	2.202	62	311706	48.732	ug/l	100
5) Bromomethane	2.592	94	244768	51.239	ug/l	100
6) Chloroethane	2.732	64	221817	52.162	ug/l	98
7) Trichlorofluoromethane	3.055	101	384137	49.390	ug/l	99
8) Diethyl Ether	3.452	74	106010	51.518	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	196806	51.290	ug/l	98
10) Methyl Iodide	4.000	142	226619	54.732	ug/l	97
11) Tert butyl alcohol	4.860	59	64981	254.237	ug/l	99
12) 1,1-Dichloroethene	3.787	96	188393	49.950	ug/l	98
13) Acrolein	3.653	56	22005	58.787	ug/l	100
14) Allyl chloride	4.378	41	257379	46.377	ug/l	98
15) Acrylonitrile	5.055	53	217502	259.994	ug/l	100
16) Acetone	3.866	43	184052	227.749	ug/l	98
17) Carbon Disulfide	4.104	76	566965	46.103	ug/l	100
18) Methyl Acetate	4.384	43	120038	49.914	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	501974	51.361	ug/l	99
20) Methylene Chloride	4.616	84	257353	61.933	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	222685	52.539	ug/l	95
22) Diisopropyl ether	6.018	45	603855	50.073	ug/l	96
23) Vinyl Acetate	5.957	43	1644171	246.565	ug/l	98
24) 1,1-Dichloroethane	5.915	63	381227	51.705	ug/l	99
25) 2-Butanone	6.896	43	265314	241.393	ug/l	95
26) 2,2-Dichloropropane	6.884	77	314790	49.479	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	263526	53.781	ug/l	95
28) Bromochloromethane	7.244	49	154295	52.747	ug/l	90
29) Tetrahydrofuran	7.262	42	170749	250.628	ug/l	95
30) Chloroform	7.420	83	416701	54.800	ug/l	94
31) Cyclohexane	7.701	56	309519	44.548	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	359980	53.353	ug/l	100
36) 1,1-Dichloropropene	7.835	75	282143	52.605	ug/l	98
37) Ethyl Acetate	6.988	43	117343	52.083	ug/l	98
38) Carbon Tetrachloride	7.817	117	323988	55.617	ug/l	99
39) Methylcyclohexane	9.109	83	355849	50.383	ug/l	97
40) Benzene	8.079	78	905077	54.751	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	69698	53.603	ug/l	97
42) 1,2-Dichloroethane	8.158	62	231101	53.753	ug/l	99
43) Isopropyl Acetate	8.195	43	234836	51.570	ug/l	96
44) Trichloroethene	8.865	130	250728	58.692	ug/l	99
45) 1,2-Dichloropropane	9.140	63	208094	54.710	ug/l	100
46) Dibromomethane	9.231	93	127180	58.256	ug/l	98
47) Bromodichloromethane	9.420	83	322637	57.435	ug/l	99
48) Methyl methacrylate	9.219	41	110195	50.570	ug/l	93
49) 1,4-Dioxane	9.225	88	28476	1112.441	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	637020	271.197	ug/l	98
52) Toluene	10.170	92	592348	56.419	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	275385	54.137	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	326995	54.362	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	170946	58.518	ug/l	98
56) Ethyl methacrylate	10.438	69	209256	55.980	ug/l	97
57) 1,3-Dichloropropane	10.719	76	276352	55.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	512110	290.440	ug/l	96
59) 2-Hexanone	10.761	43	426235	266.487	ug/l	99
60) Dibromochloromethane	10.908	129	234130	60.741	ug/l	98
61) 1,2-Dibromoethane	11.011	107	159115	57.952	ug/l	100
64) Tetrachloroethene	10.645	164	321397	65.128	ug/l	98
65) Chlorobenzene	11.438	112	648549	54.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	228656	56.517	ug/l	99
67) Ethyl Benzene	11.517	91	1103084	53.771	ug/l	99
68) m/p-Xylenes	11.627	106	879926	109.823	ug/l	97
69) o-Xylene	11.950	106	413702	55.129	ug/l	99
70) Styrene	11.968	104	696495	56.754	ug/l	99
71) Bromoform	12.127	173	136204	57.602	ug/l	98
73) Isopropylbenzene	12.255	105	1065323	50.683	ug/l	99
74) N-amyl acetate	12.066	43	203384	45.627	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	164936	45.956	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	237773	82.727	ug/l #	100
77) Bromobenzene	12.529	156	261963	52.241	ug/l	96
78) n-propylbenzene	12.590	91	1264131	50.515	ug/l	99
79) 2-Chlorotoluene	12.676	91	721188	50.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	873993	51.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	55387	46.648	ug/l	99
82) 4-Chlorotoluene	12.773	91	744595	50.060	ug/l	98
83) tert-Butylbenzene	12.993	119	787633	51.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	867970	51.328	ug/l	98
85) sec-Butylbenzene	13.169	105	1157684	51.366	ug/l	99
86) p-Isopropyltoluene	13.285	119	976690	52.208	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	523728	52.962	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	508247	51.812	ug/l	99
89) n-Butylbenzene	13.614	91	867427	50.484	ug/l	99
90) Hexachloroethane	13.877	117	202894	52.979	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	456248	52.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28085	50.260	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	264231	51.521	ug/l	99
94) Hexachlorobutadiene	15.023	225	157485	52.257	ug/l	99
95) Naphthalene	15.139	128	456072	52.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.321	180	234854	53.143	ug/l	100

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Response via : Initial Calibration

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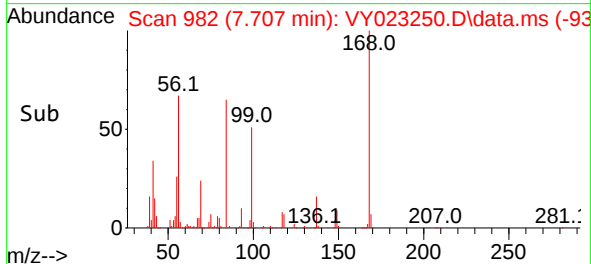
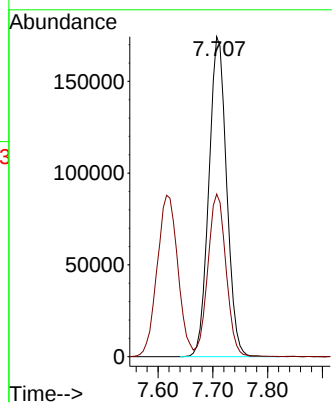
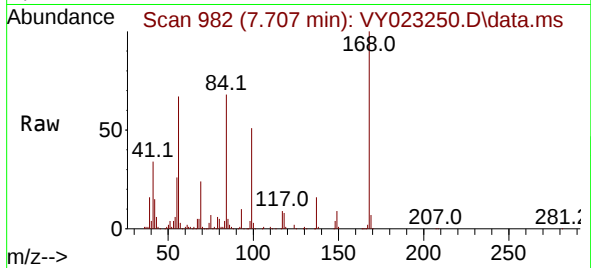
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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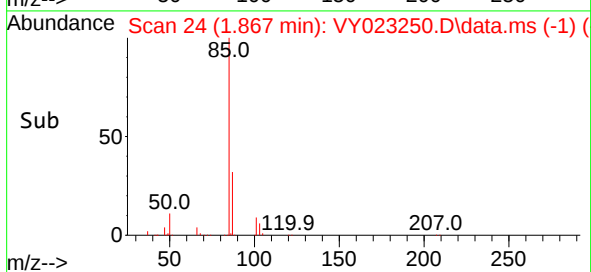
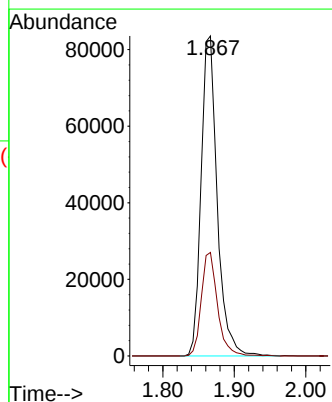
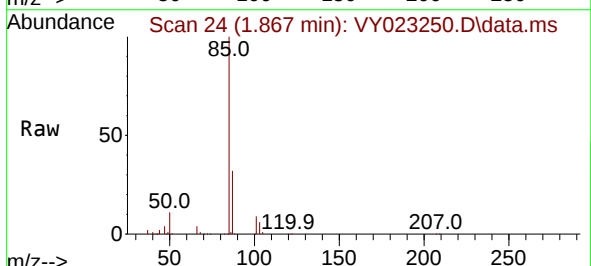
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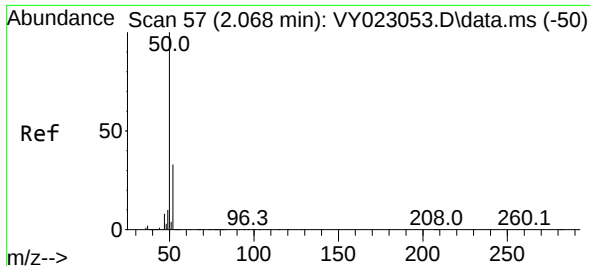
Tgt Ion:168 Resp: 391392
Ion Ratio Lower Upper
168 100
99 50.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 40.935 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 85 Resp: 130778
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

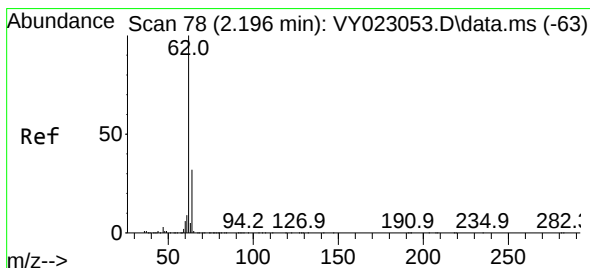
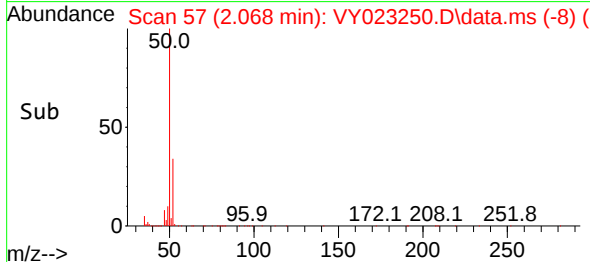
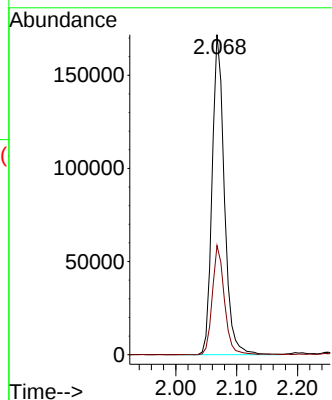
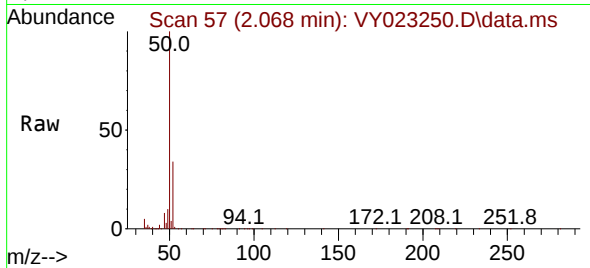




#3
Chloromethane
Concen: 46.265 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

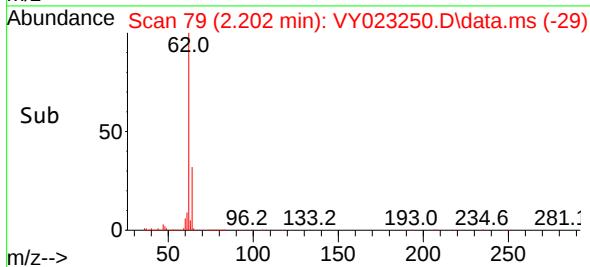
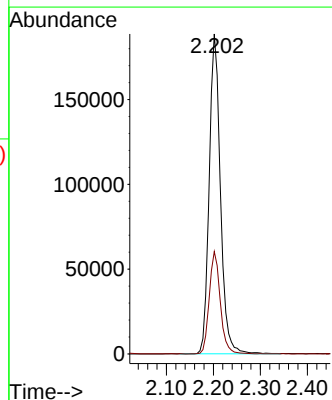
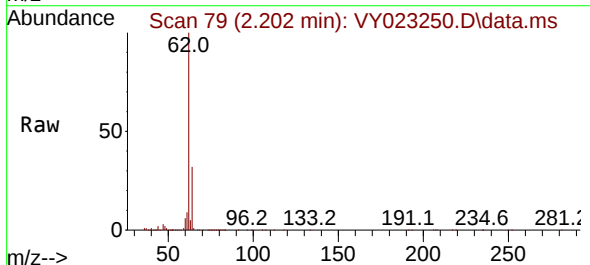
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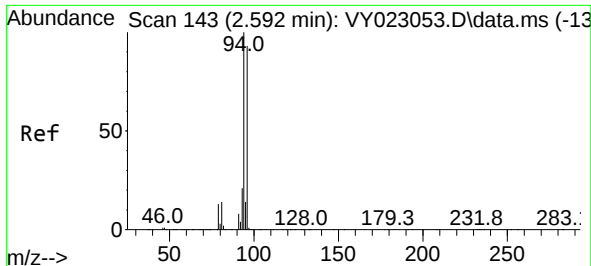
Tgt Ion: 50 Resp: 239397
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1



#4
Vinyl Chloride
Concen: 48.732 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 62 Resp: 311706
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

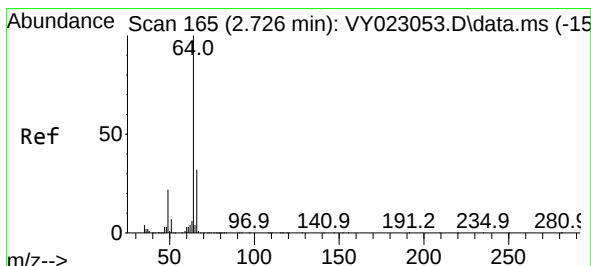
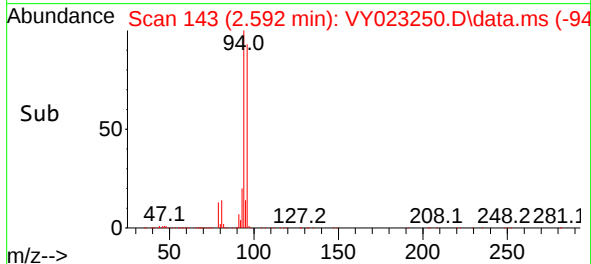
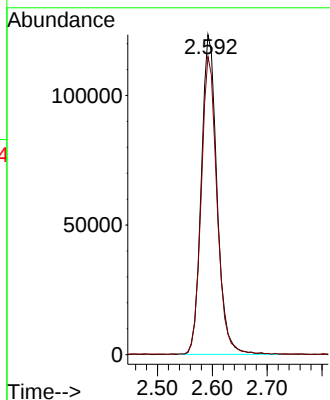
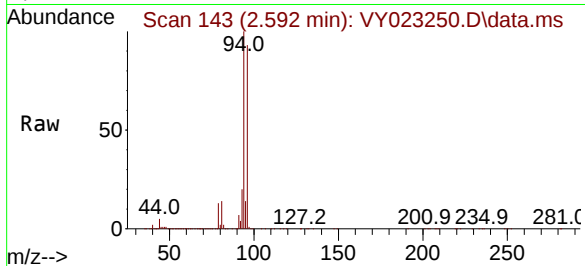




#5
Bromomethane
Concen: 51.239 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

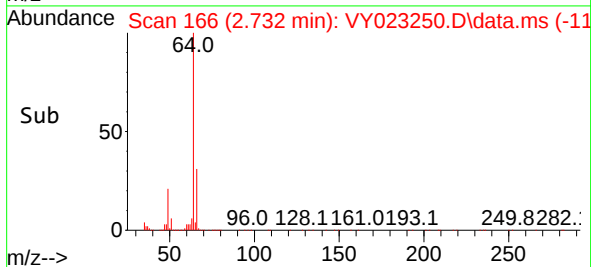
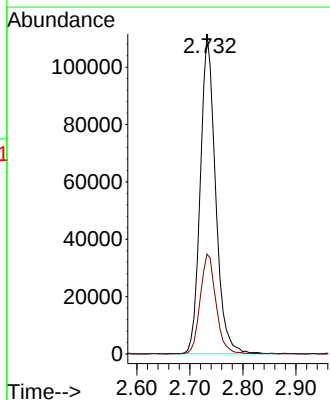
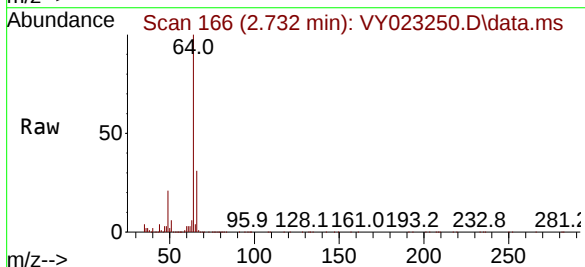
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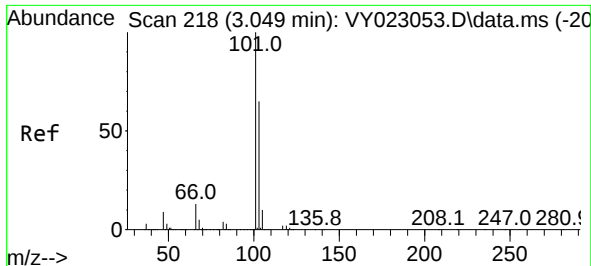
Tgt Ion: 94 Resp: 244768
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 52.162 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 64 Resp: 221817
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.6

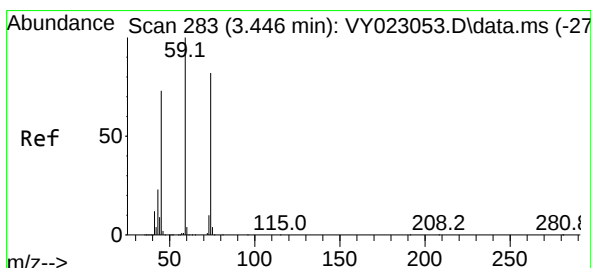
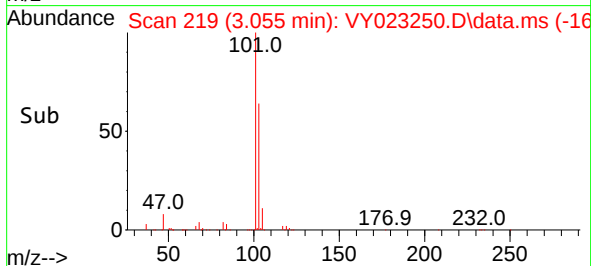
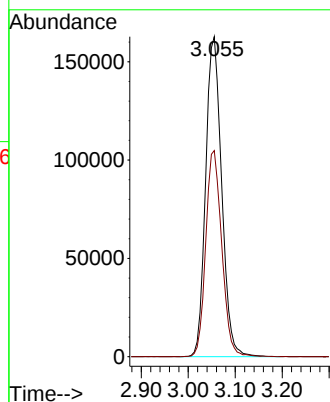
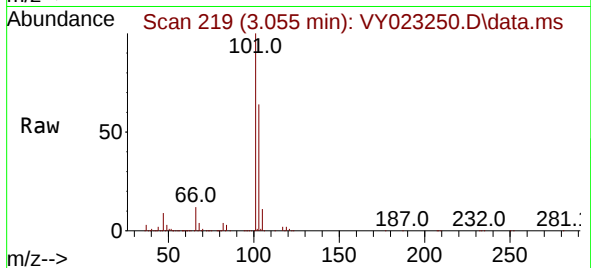




#7
 Trichlorofluoromethane
 Concen: 49.390 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

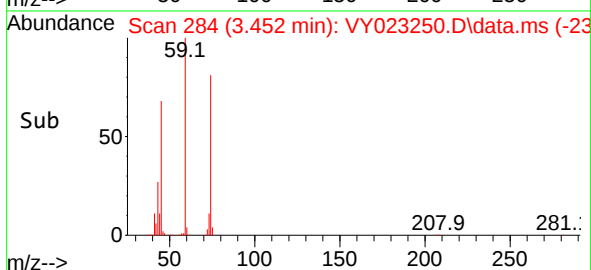
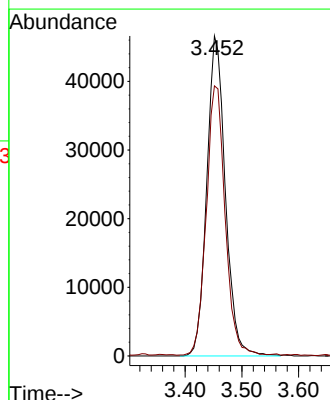
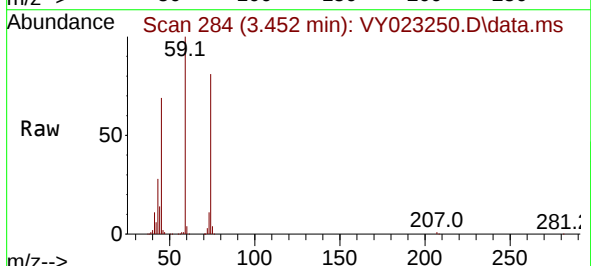
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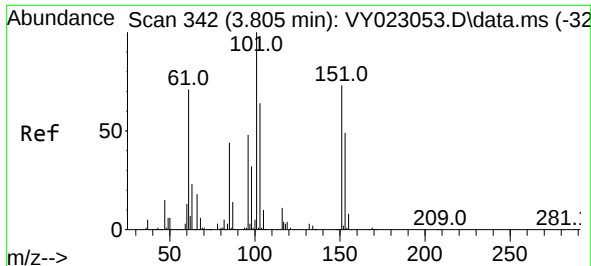
Tgt Ion:101 Resp: 384137
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.518 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion: 74 Resp: 106010
 Ion Ratio Lower Upper
 74 100
 45 85.5 44.4 133.2

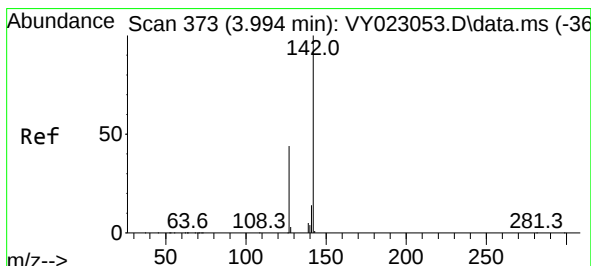
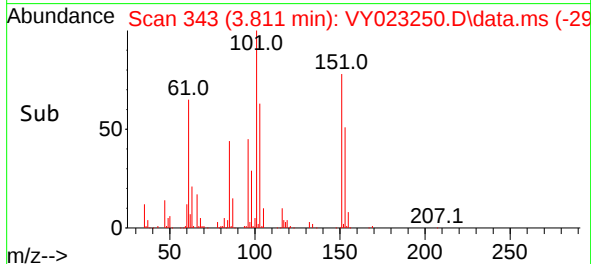
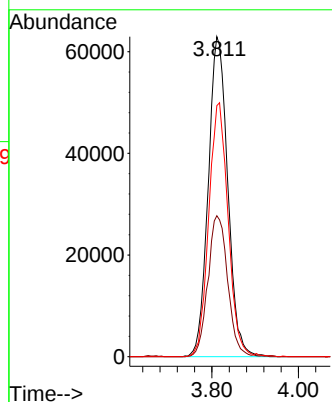
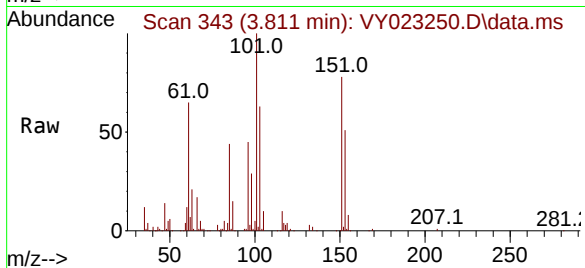




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.290 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

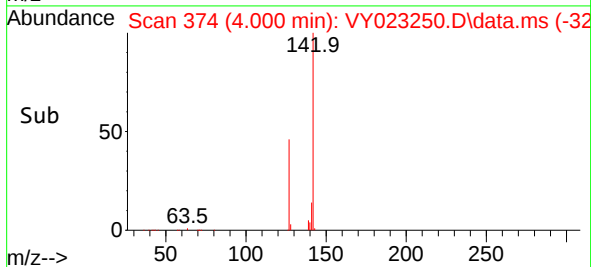
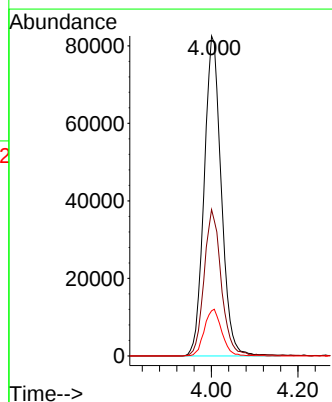
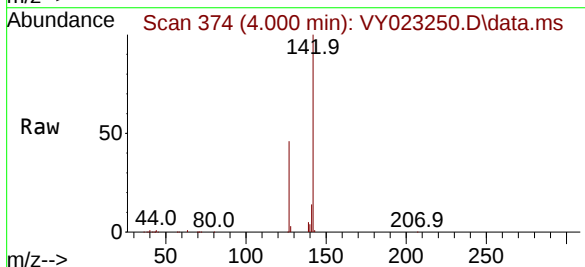
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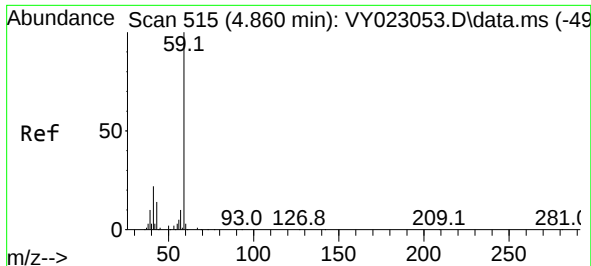
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Ion Ratio Lower Upper
101 100
85 44.8 36.3 54.5
151 78.9 61.5 92.3



#10
Methyl Iodide
Concen: 54.732 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion:142 Resp: 226619
Ion Ratio Lower Upper
142 100
127 45.8 34.9 52.3
141 14.9 11.3 16.9

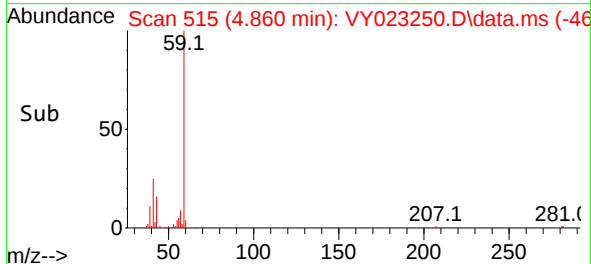
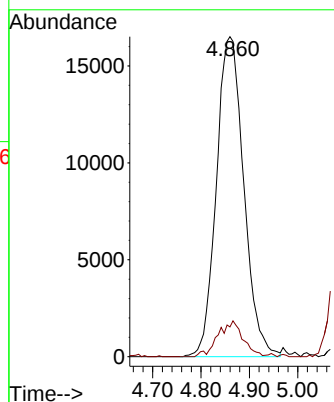
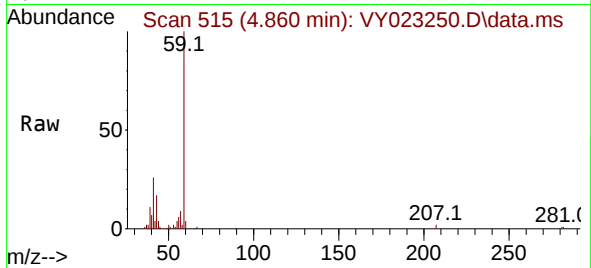




#11
Tert butyl alcohol
Concen: 254.237 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

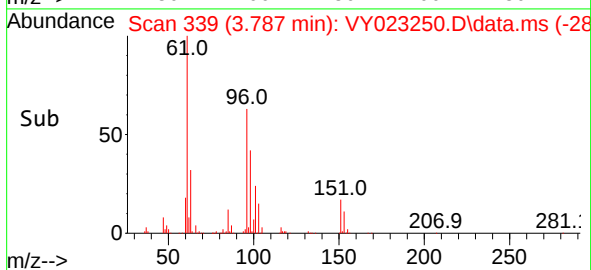
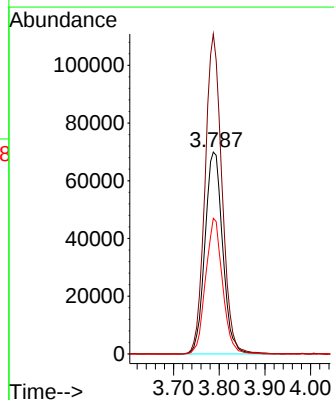
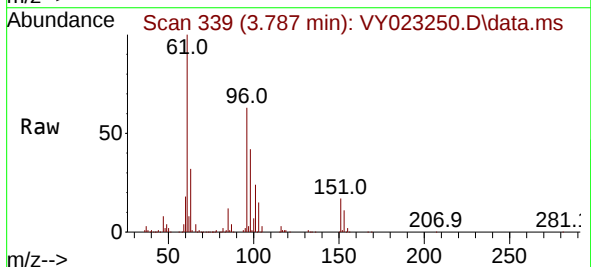
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

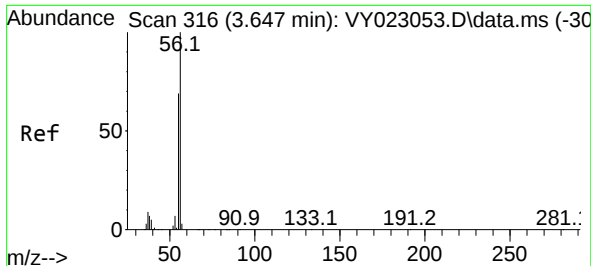
Tgt Ion: 59 Resp: 64981
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 49.950 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 96 Resp: 188393
Ion Ratio Lower Upper
96 100
61 158.4 129.4 194.2
98 67.2 52.8 79.2

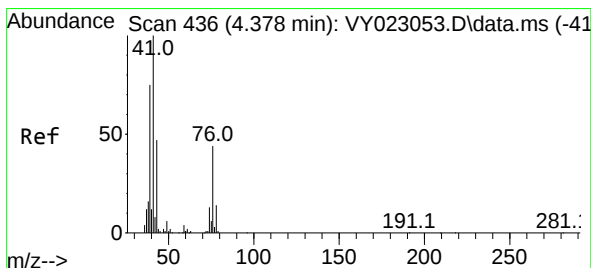
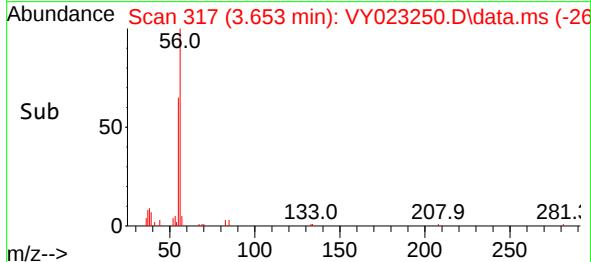
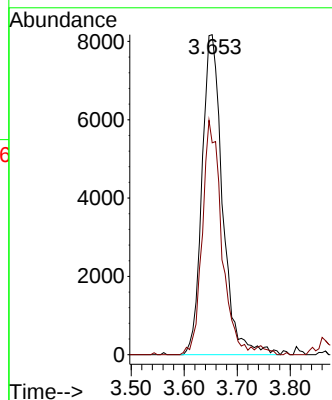
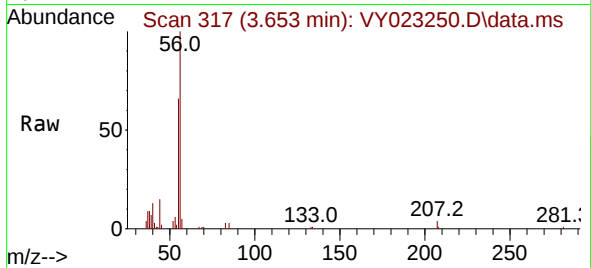




#13
Acrolein
Concen: 58.787 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

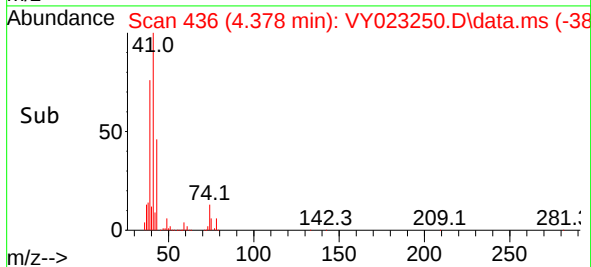
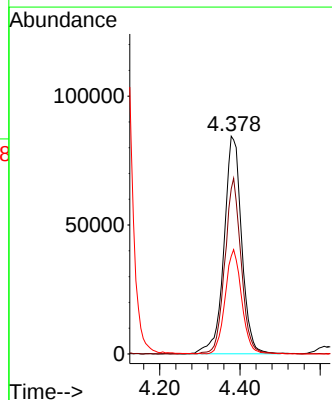
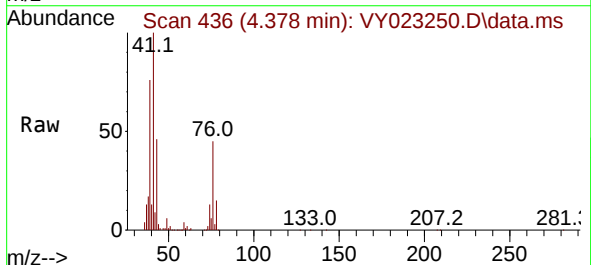
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

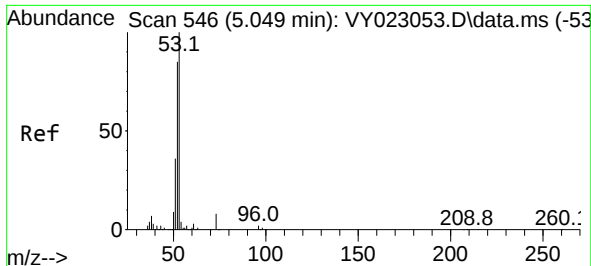
Tgt Ion: 56 Resp: 22005
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8



#14
Allyl chloride
Concen: 46.377 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 41 Resp: 257379
Ion Ratio Lower Upper
41 100
39 74.3 59.8 89.6
76 45.0 33.7 50.5

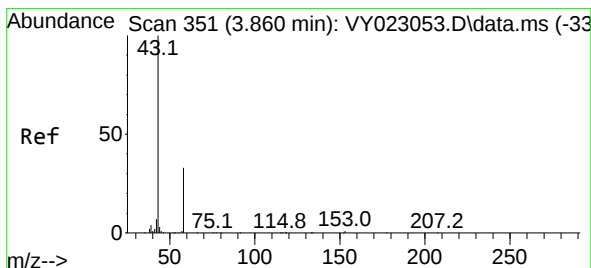
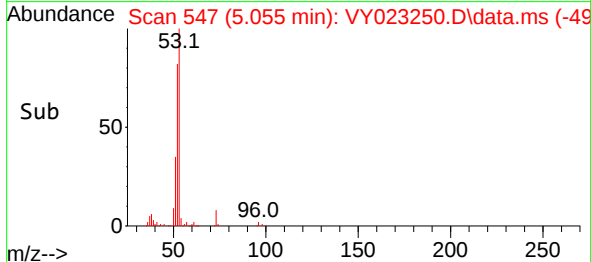
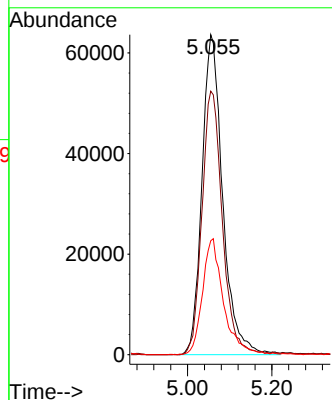
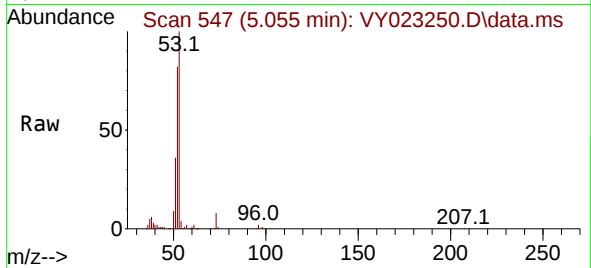




#15
Acrylonitrile
Concen: 259.994 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

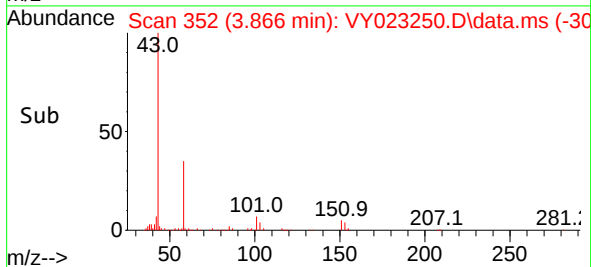
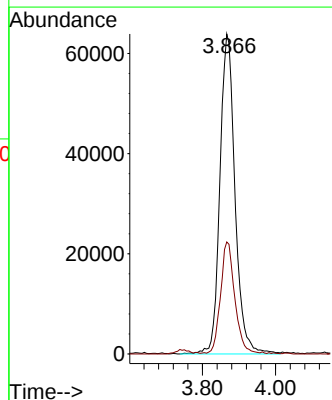
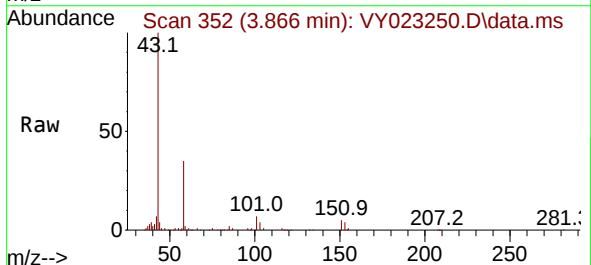
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 217502
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 227.749 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 43 Resp: 184052
Ion Ratio Lower Upper
43 100
58 34.9 27.1 40.7

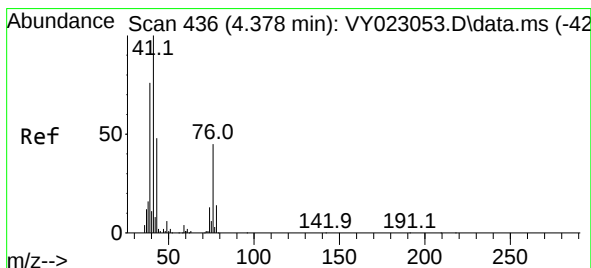
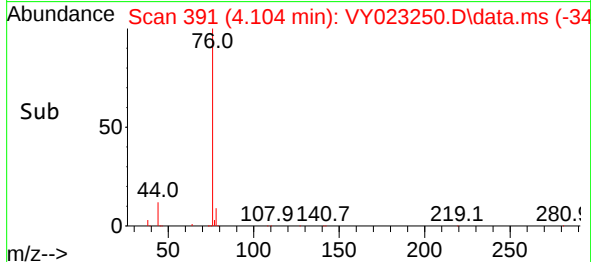
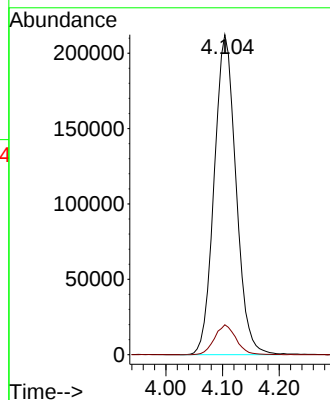
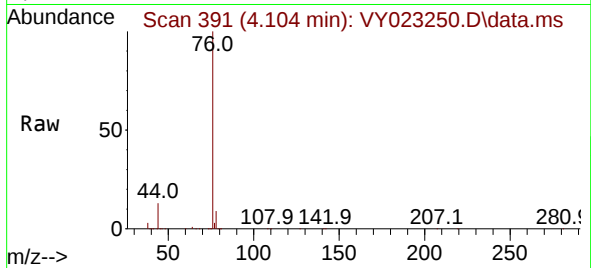




#17
Carbon Disulfide
Concen: 46.103 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

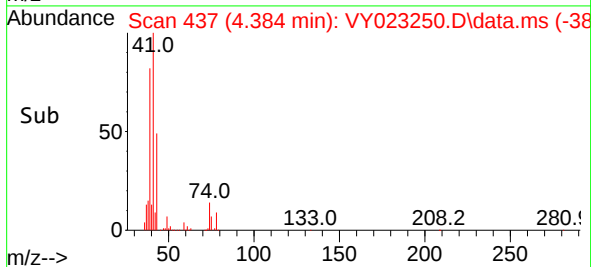
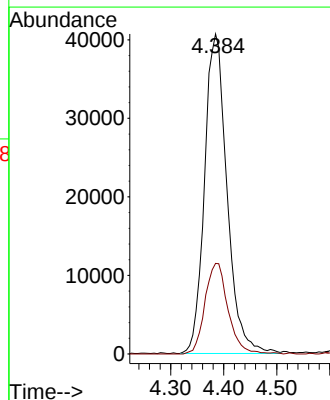
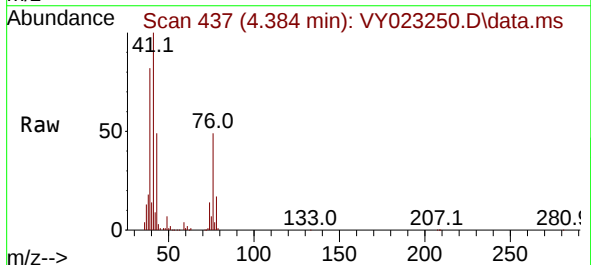
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 566965
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 49.914 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 43 Resp: 120038
Ion Ratio Lower Upper
43 100
74 28.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 51.361 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

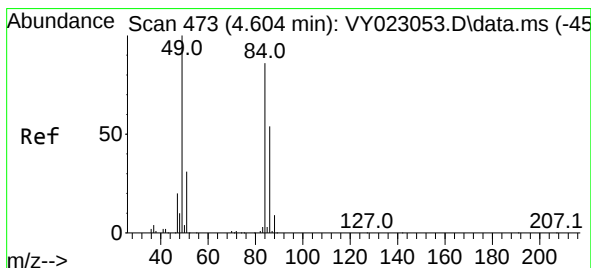
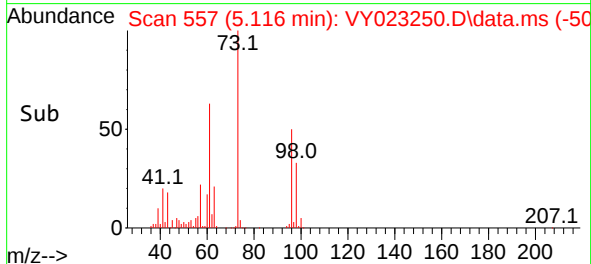
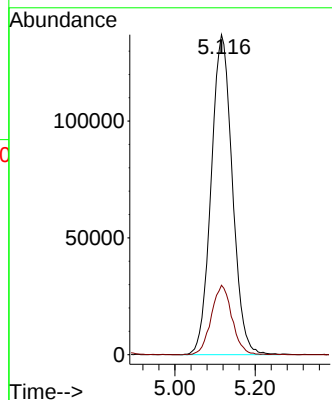
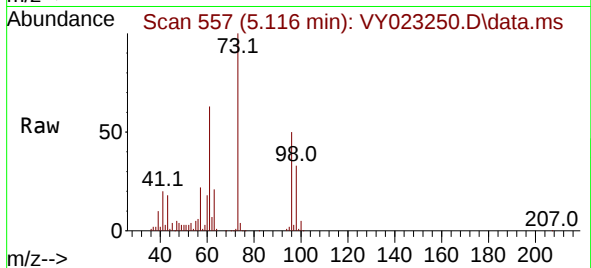
VSTDCCC050EC

Tgt Ion: 73 Resp: 501974

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 61.933 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Tgt Ion: 84 Resp: 257353

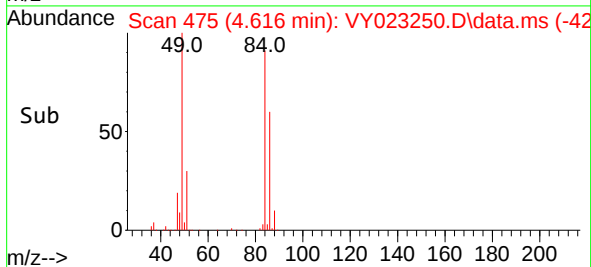
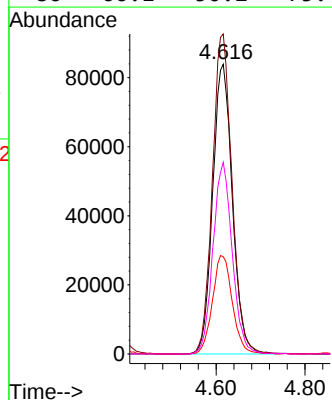
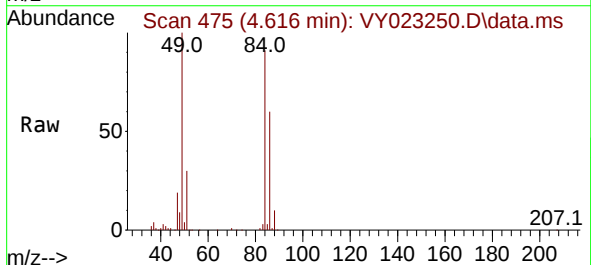
Ion Ratio Lower Upper

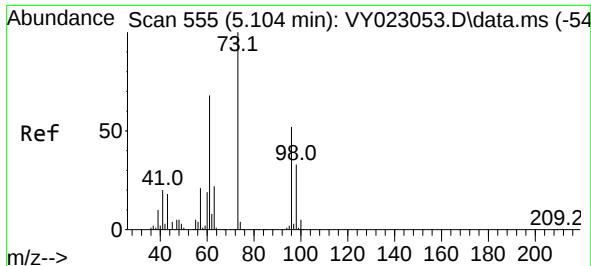
84 100

49 110.4 93.0 139.6

51 33.5 29.0 43.4

86 66.1 50.2 75.4

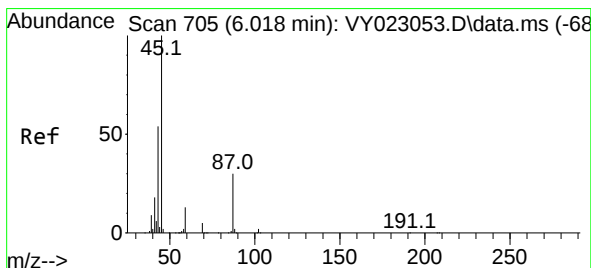
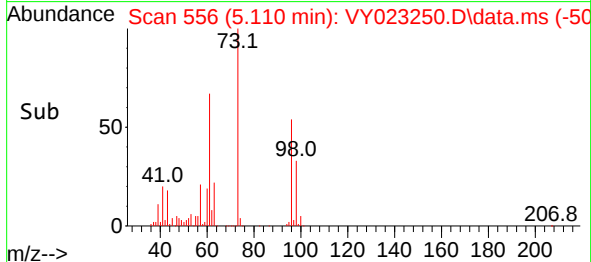
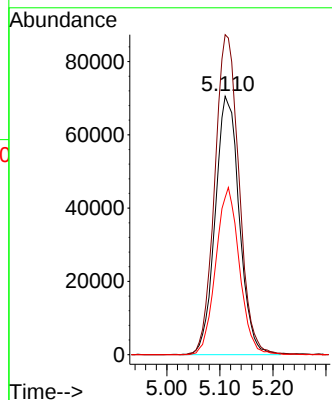
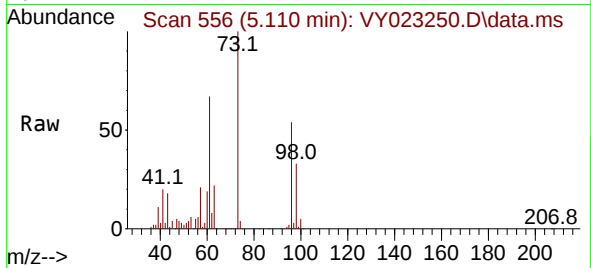




#21
trans-1,2-Dichloroethene
Concen: 52.539 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

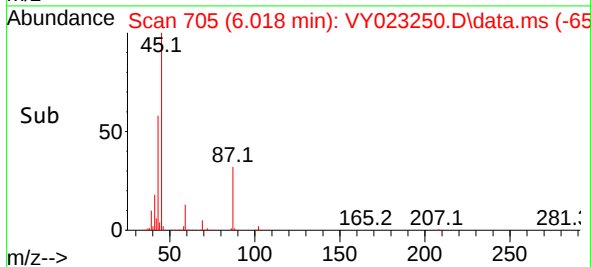
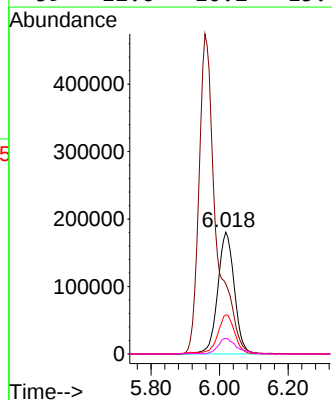
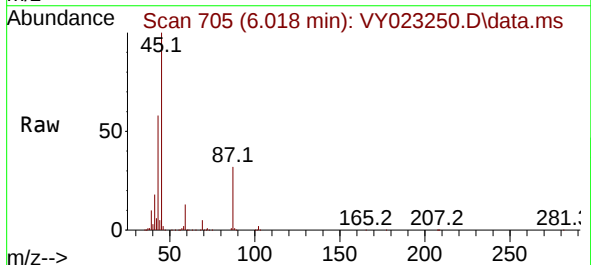
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 222685
Ion Ratio Lower Upper
96 100
61 123.8 104.8 157.2
98 60.8 50.1 75.1



#22
Diisopropyl ether
Concen: 50.073 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 45 Resp: 603855
Ion Ratio Lower Upper
45 100
43 57.7 43.4 65.0
87 32.1 24.4 36.6
59 12.6 10.2 15.4

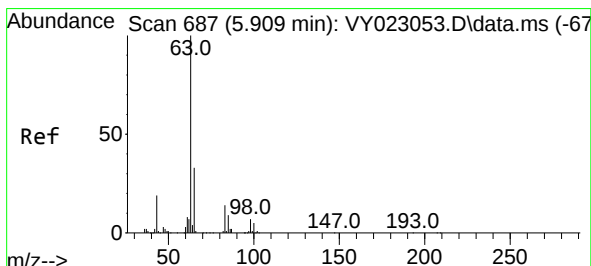
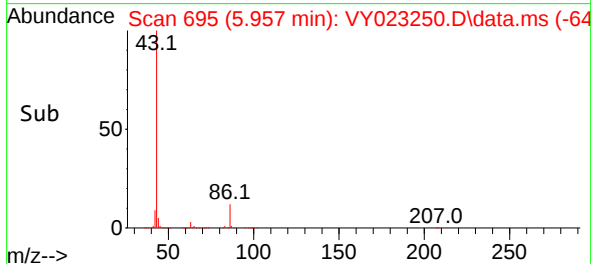
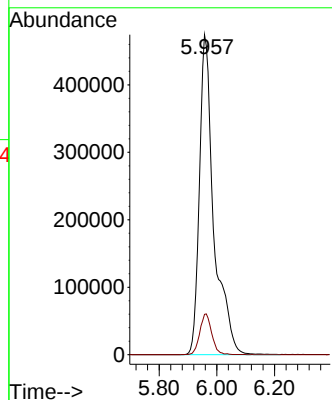
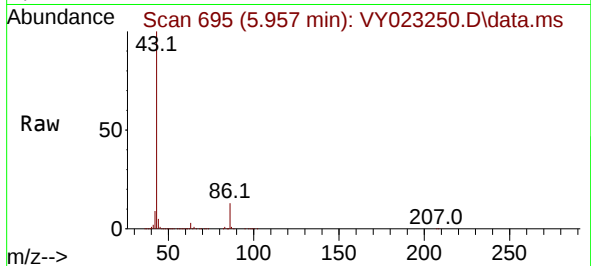




#23
 Vinyl Acetate
 Concen: 246.565 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

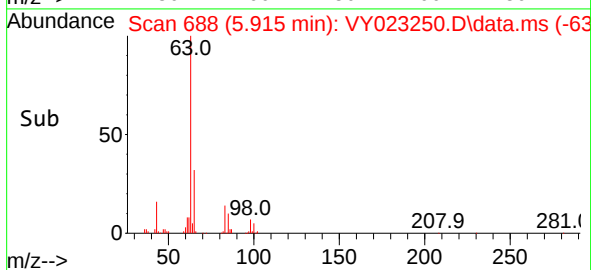
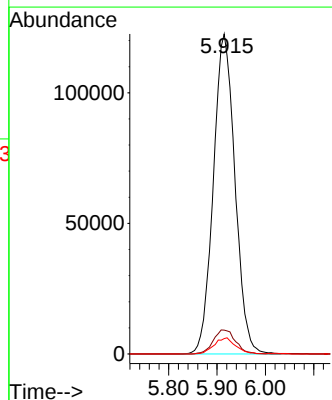
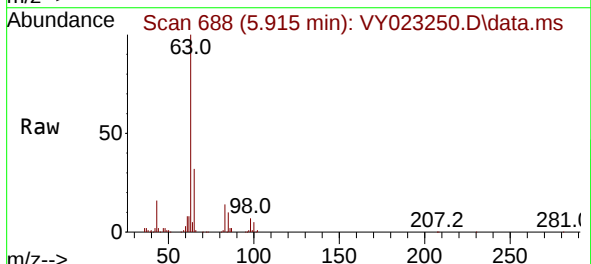
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

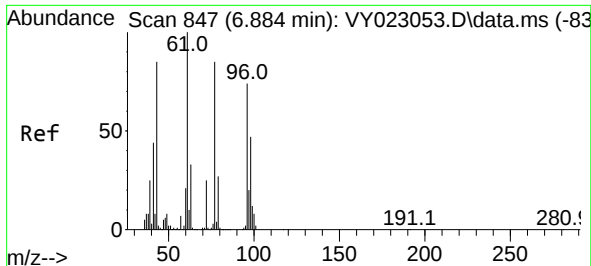
Tgt Ion: 43 Resp: 1644171
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 51.705 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion: 63 Resp: 381227
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.8 2.4 7.1

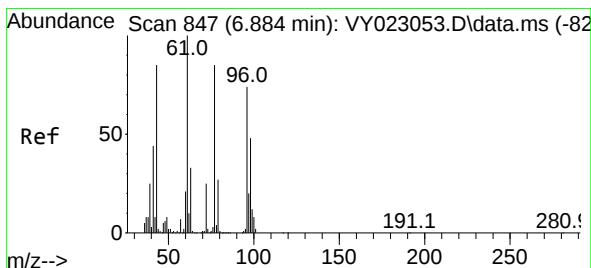
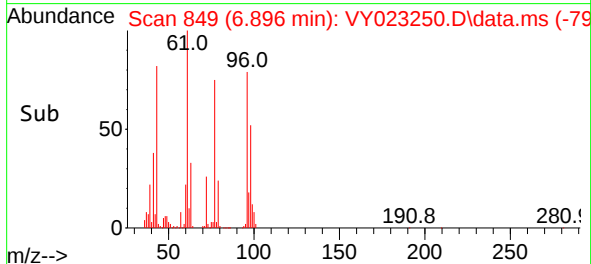
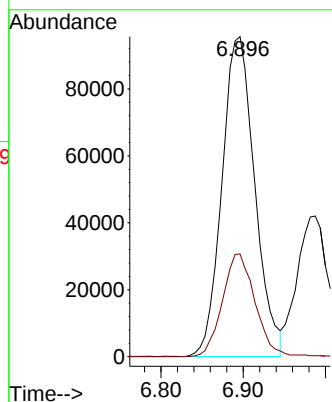
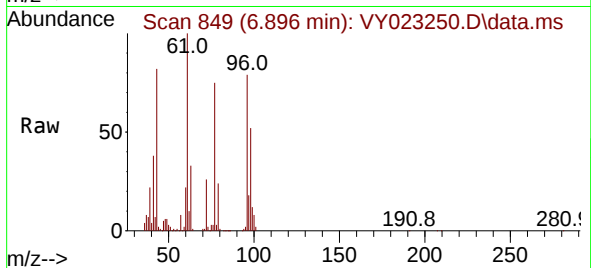




#25
2-Butanone
Concen: 241.393 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

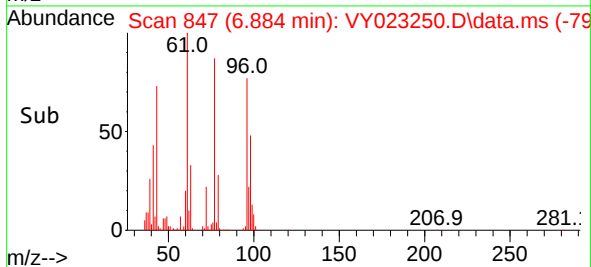
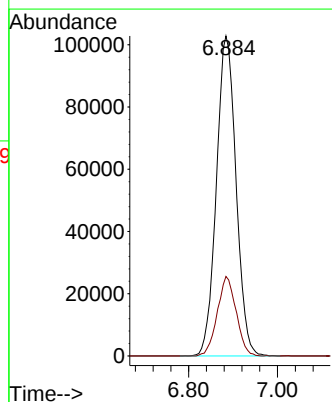
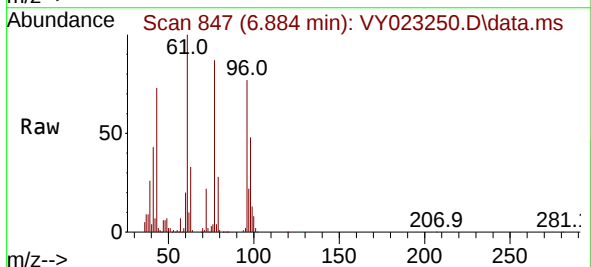
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

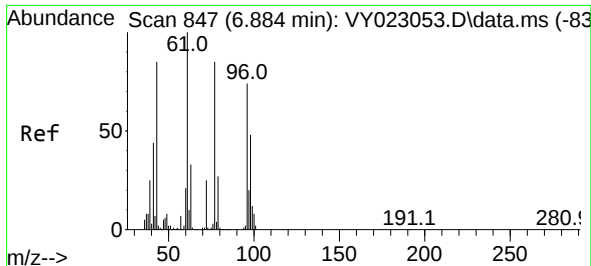
Tgt Ion: 43 Resp: 265314
Ion Ratio Lower Upper
43 100
72 32.1 23.5 35.3



#26
2,2-Dichloropropane
Concen: 49.479 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 77 Resp: 314790
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 53.781 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

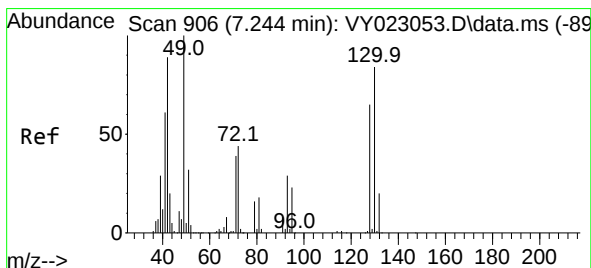
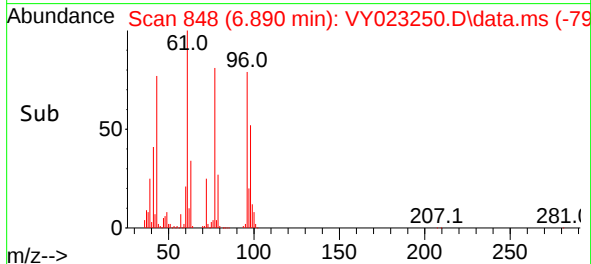
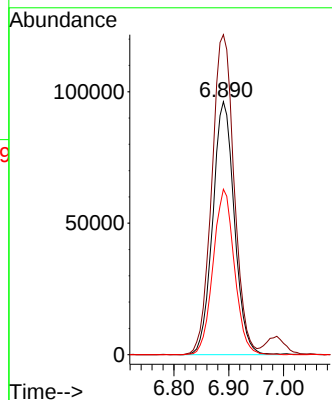
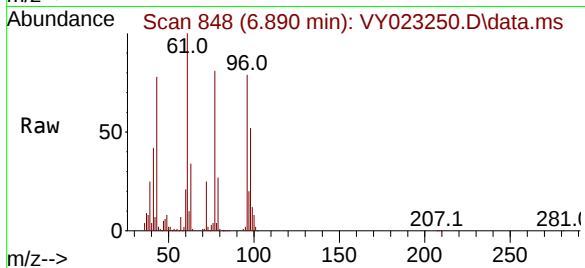
Tgt Ion: 96 Resp: 263526

Ion Ratio Lower Upper

96 100

61 130.6 0.0 278.6

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 52.747 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

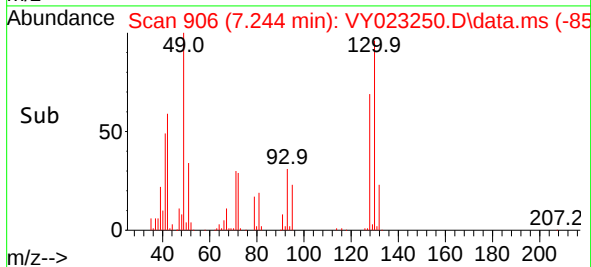
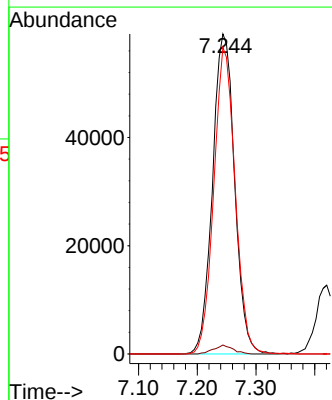
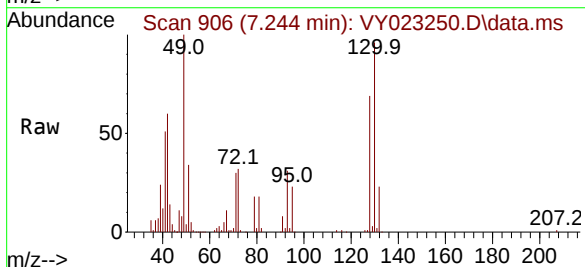
Tgt Ion: 49 Resp: 154295

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 92.6 66.4 99.6





#29

Tetrahydrofuran

Concen: 250.628 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

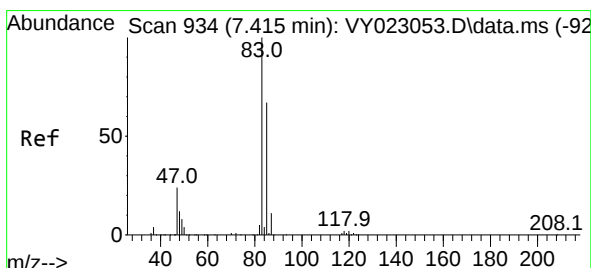
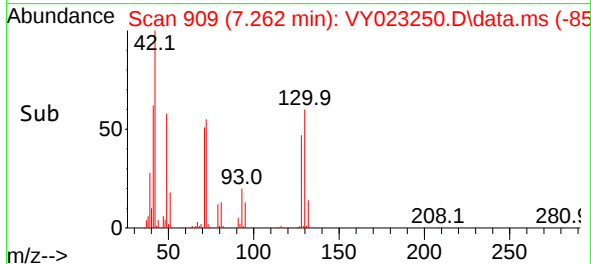
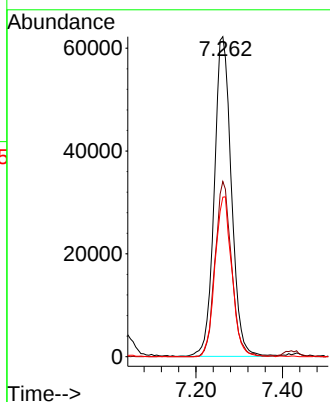
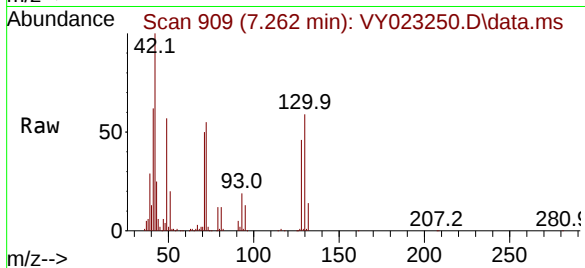
Tgt Ion: 42 Resp: 170749

Ion Ratio Lower Upper

42 100

72 52.7 39.4 59.2

71 49.3 36.5 54.7



#30

Chloroform

Concen: 54.800 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023250.D

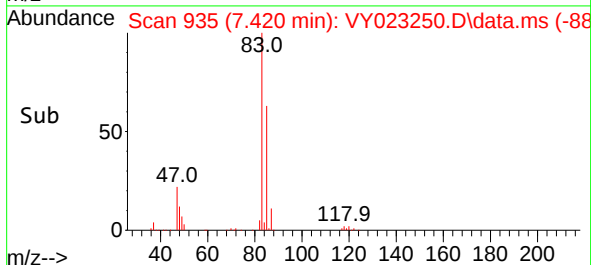
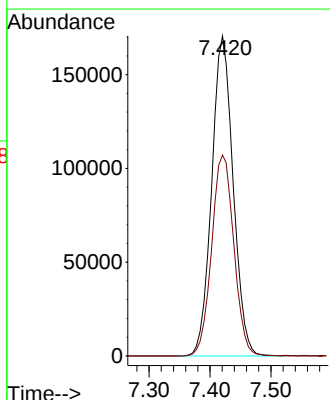
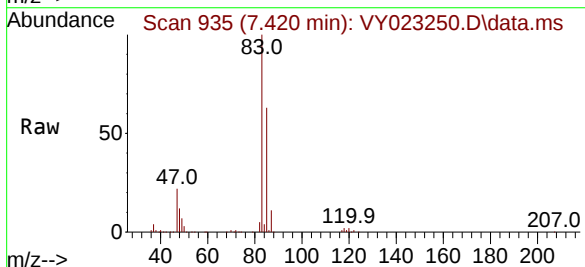
Acq: 29 Aug 2025 16:15

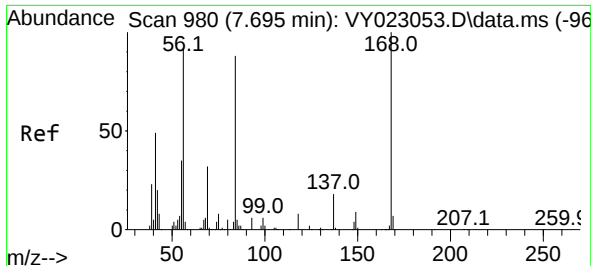
Tgt Ion: 83 Resp: 416701

Ion Ratio Lower Upper

83 100

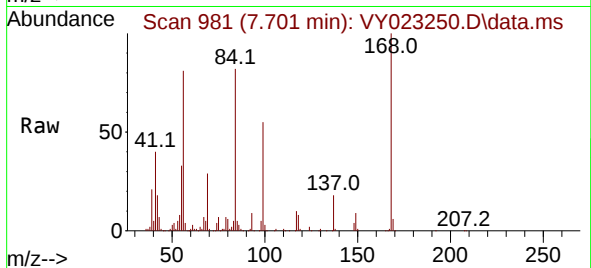
85 62.8 53.8 80.8



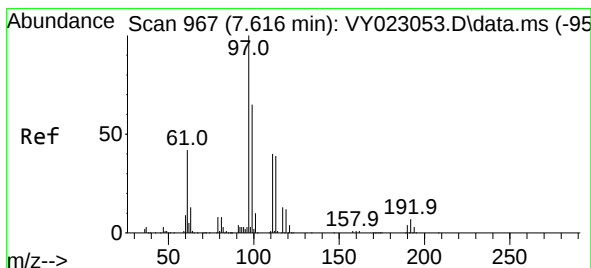
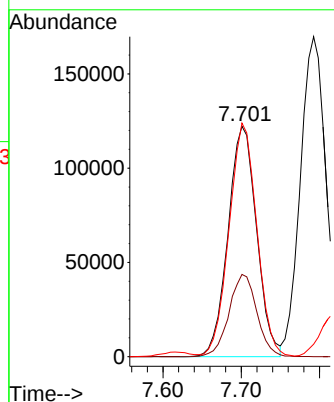
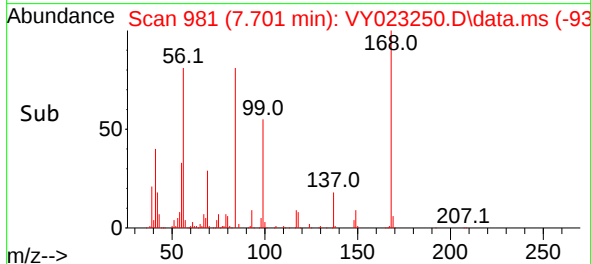


#31
Cyclohexane
Concen: 44.548 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

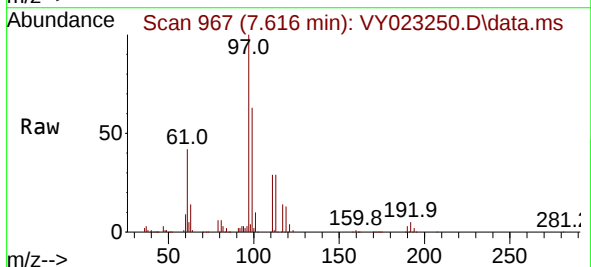
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



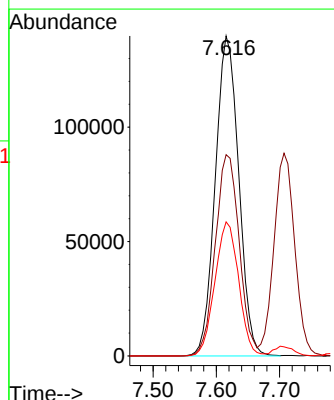
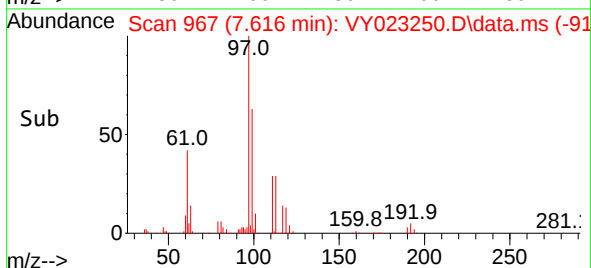
Tgt Ion: 56 Resp: 309519
Ion Ratio Lower Upper
56 100
69 35.7 28.2 42.2
84 99.4 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 53.353 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15



Tgt Ion: 97 Resp: 359980
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 42.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 52.292 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

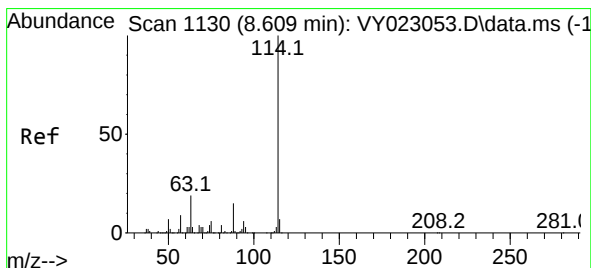
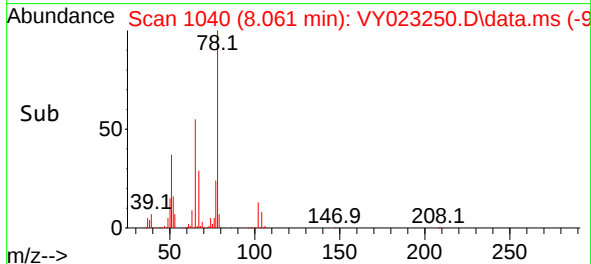
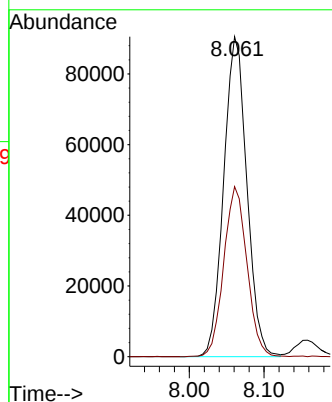
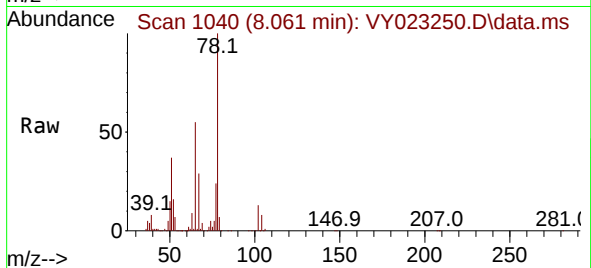
VSTDCCC050EC

Tgt Ion: 65 Resp: 195061

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

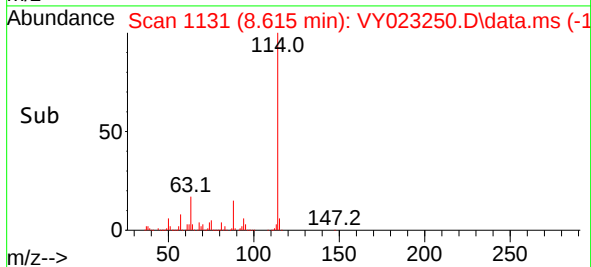
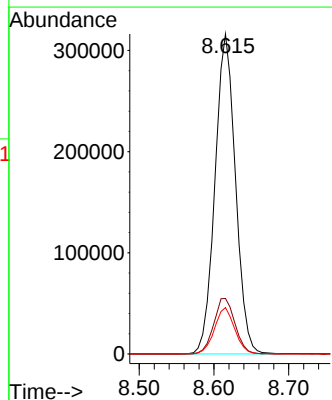
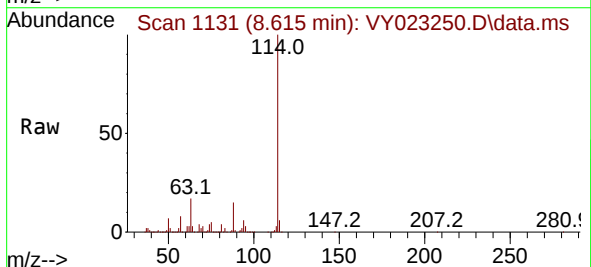
Tgt Ion: 114 Resp: 603130

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.5 0.0 30.0

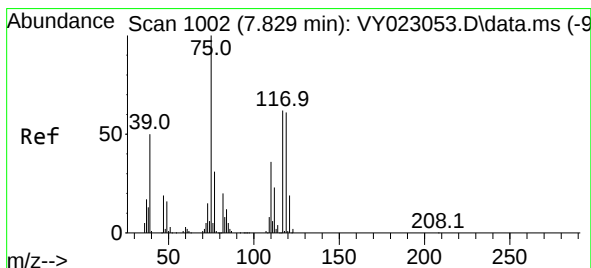
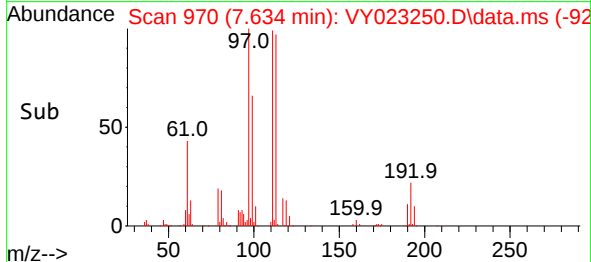
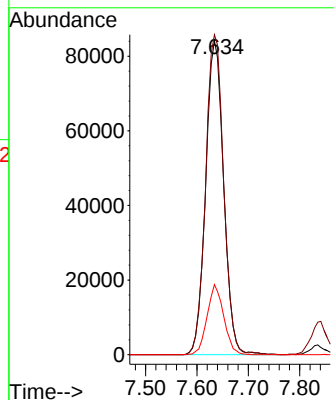
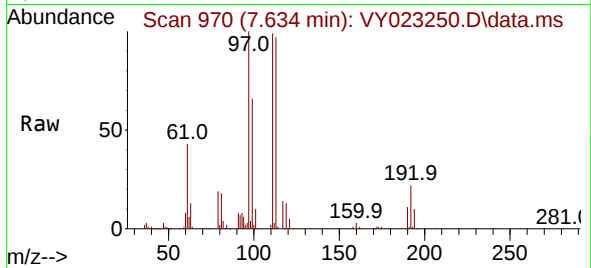




#35
Dibromofluoromethane
Concen: 56.503 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

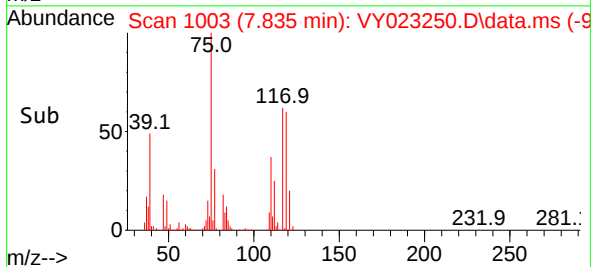
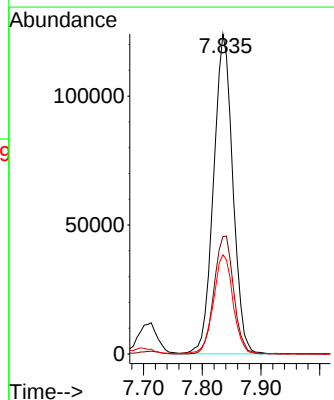
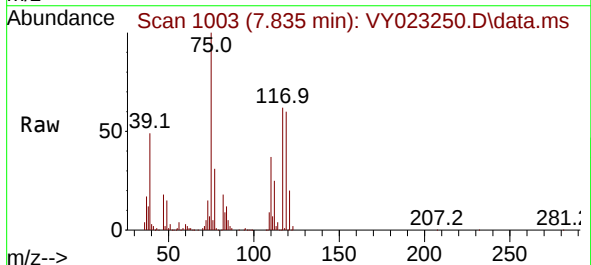
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

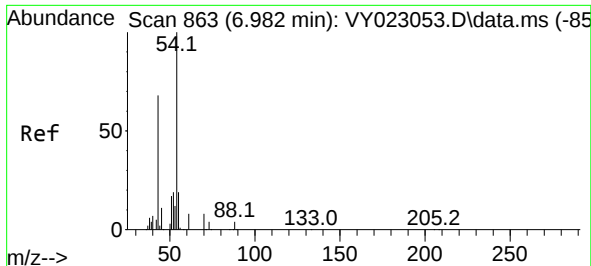
Tgt Ion:113 Resp: 203916
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 52.605 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 75 Resp: 282143
Ion Ratio Lower Upper
75 100
110 37.5 18.1 54.4
77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 52.083 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

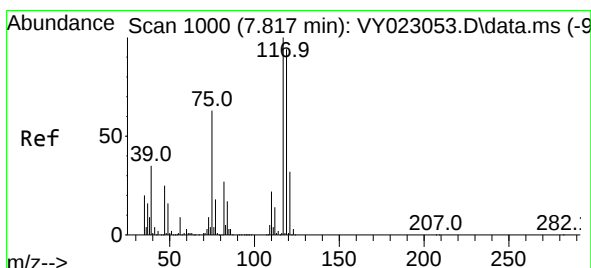
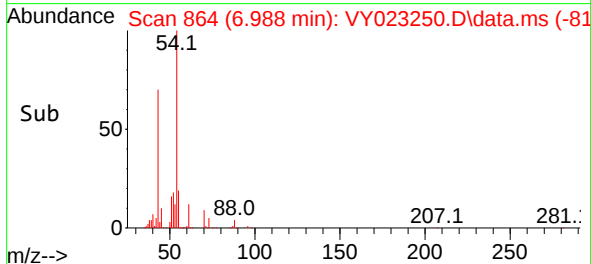
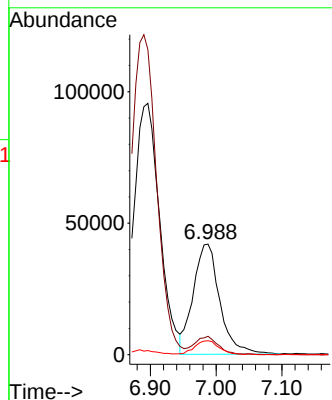
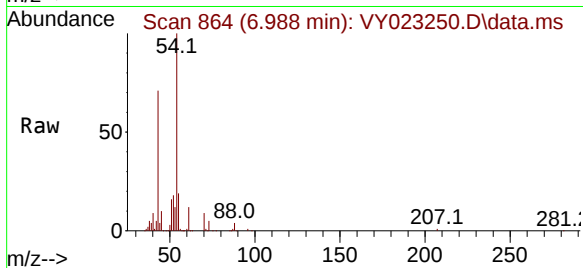
Tgt Ion: 43 Resp: 117343

Ion Ratio Lower Upper

43 100

61 15.4 11.9 17.9

70 11.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 55.617 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

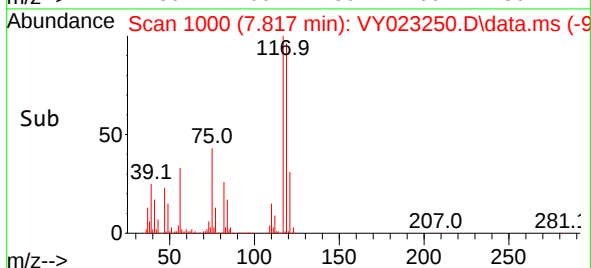
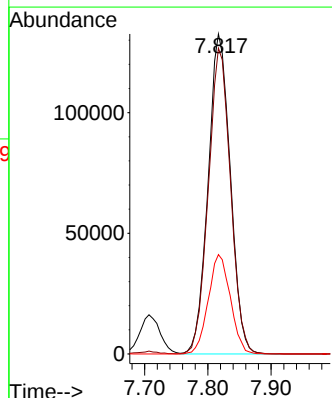
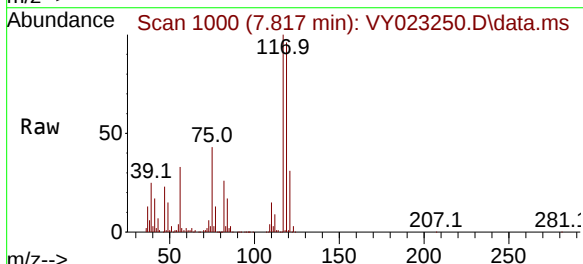
Tgt Ion: 117 Resp: 323988

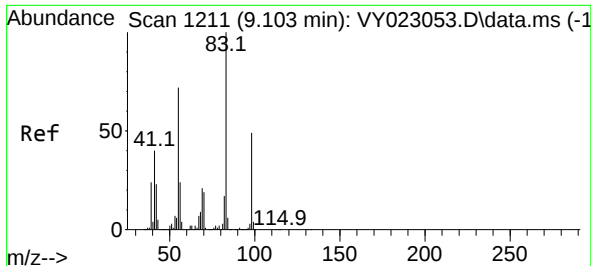
Ion Ratio Lower Upper

117 100

119 95.5 75.6 113.4

121 31.1 25.8 38.8





#39

Methylcyclohexane

Concen: 50.383 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

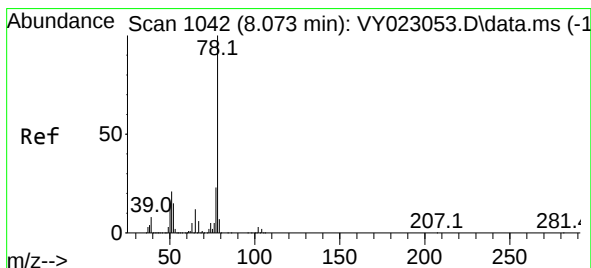
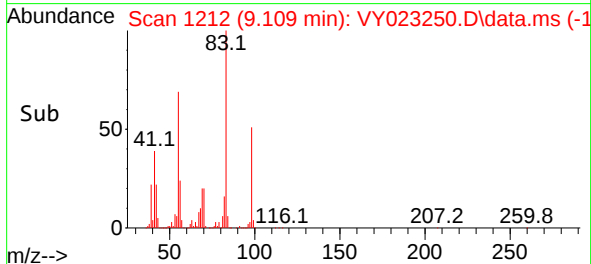
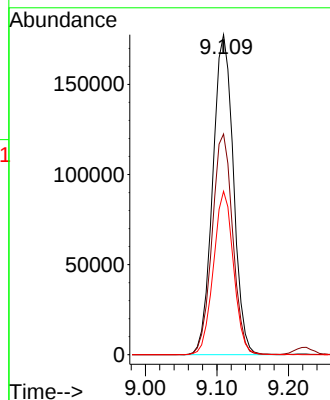
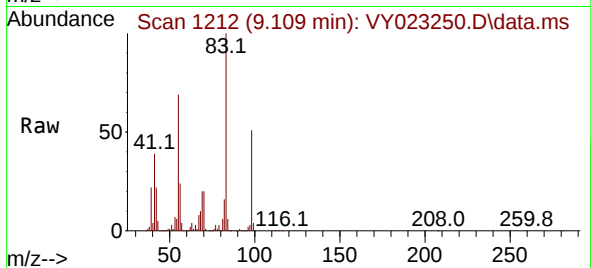
Tgt Ion: 83 Resp: 355849

Ion Ratio Lower Upper

83 100

55 68.9 57.6 86.4

98 51.0 39.2 58.8



#40

Benzene

Concen: 54.751 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023250.D

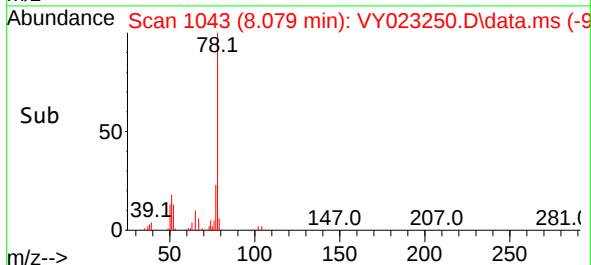
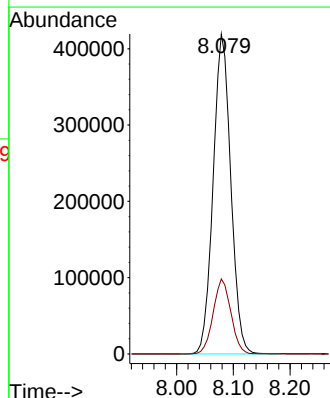
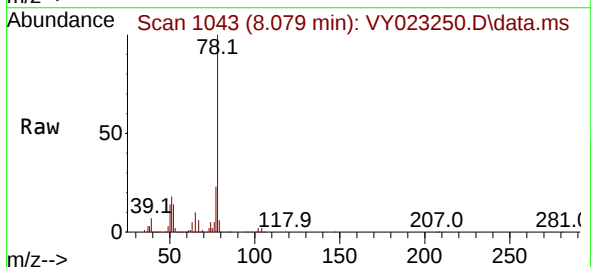
Acq: 29 Aug 2025 16:15

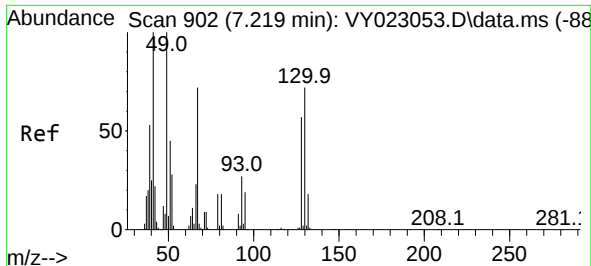
Tgt Ion: 78 Resp: 905077

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

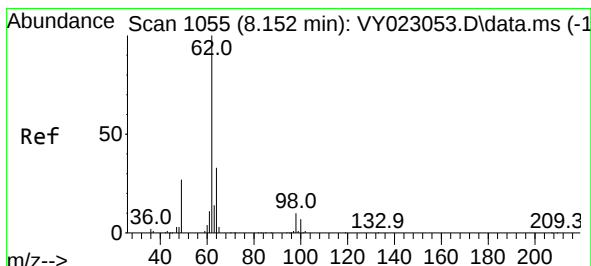
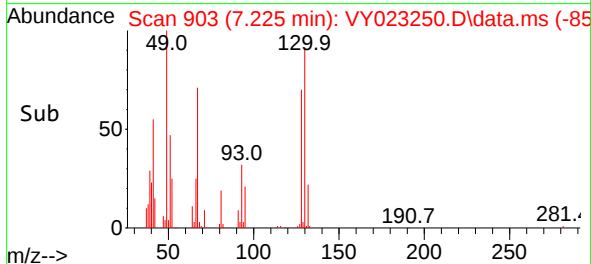
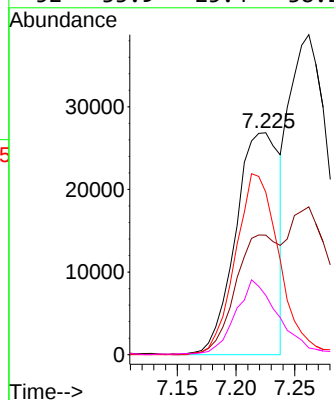
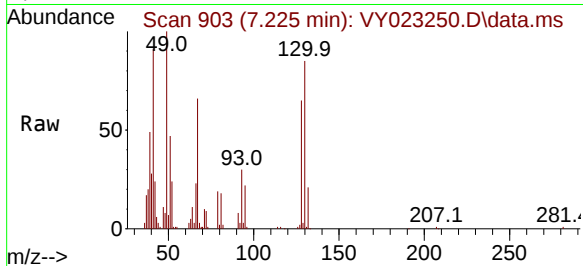




#41
Methacrylonitrile
Concen: 53.603 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

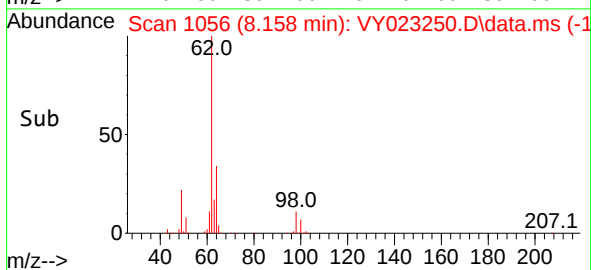
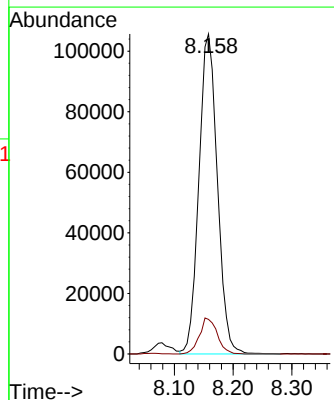
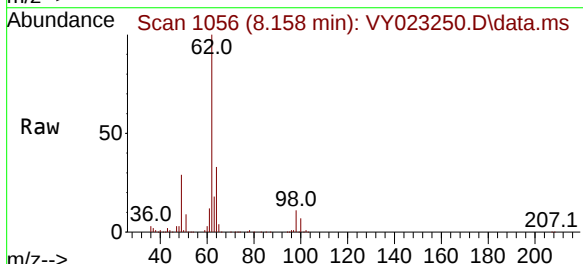
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 69698
Ion Ratio	Lower Upper
41 100	
39 54.3	43.4 65.2
67 82.9	63.6 95.4
52 33.9	25.4 38.2



#42
1,2-Dichloroethane
Concen: 53.753 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 62	Resp: 231101
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 20.6

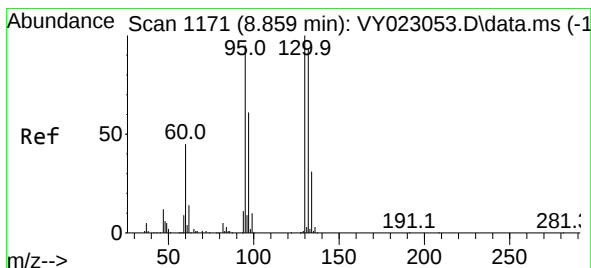
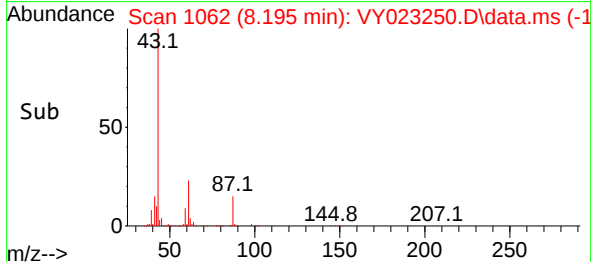
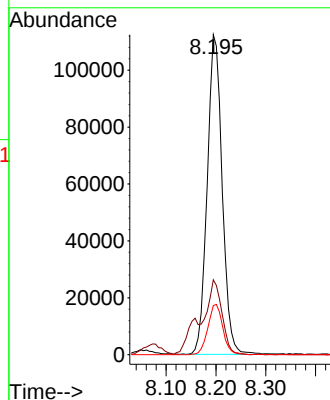
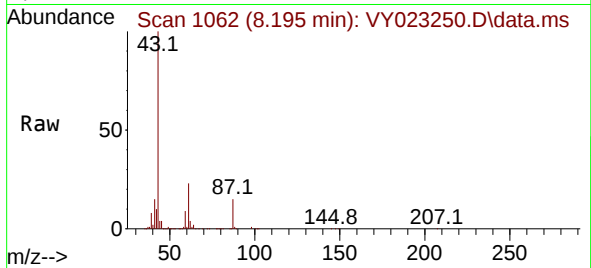




#43
Isopropyl Acetate
Concen: 51.570 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

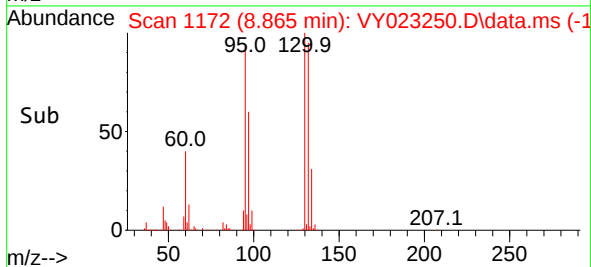
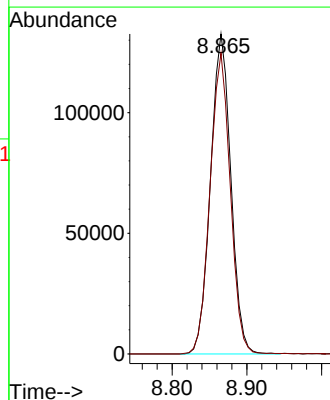
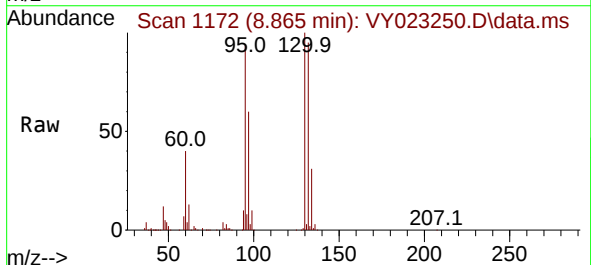
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

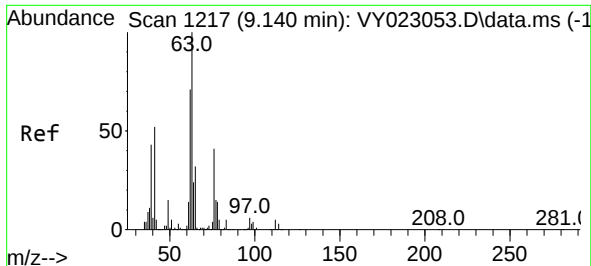
Tgt Ion: 43 Resp: 234836
Ion Ratio Lower Upper
43 100
61 23.0 16.4 24.6
87 15.7 11.8 17.6



#44
Trichloroethene
Concen: 58.692 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion:130 Resp: 250728
Ion Ratio Lower Upper
130 100
95 93.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 54.710 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

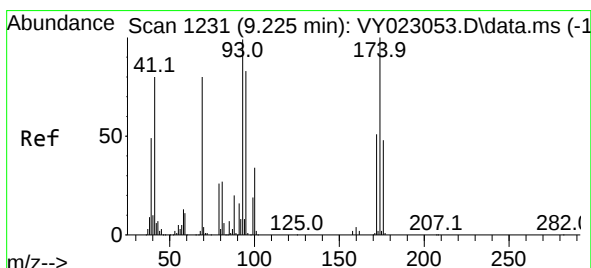
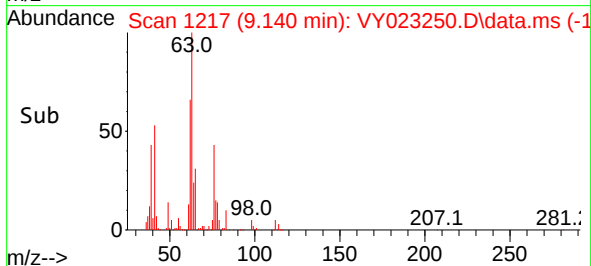
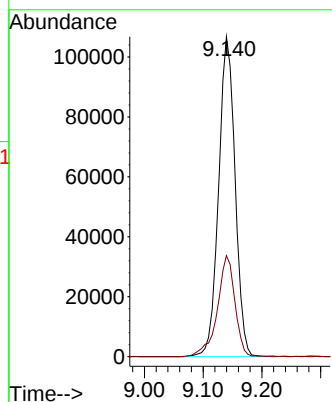
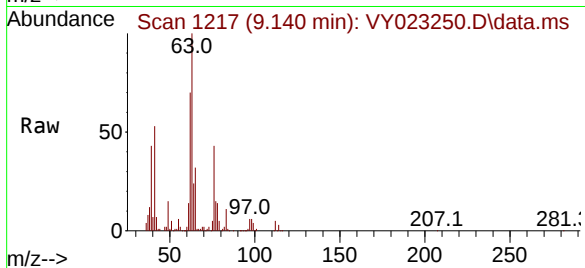
VSTDCCC050EC

Tgt Ion: 63 Resp: 208094

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 58.256 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

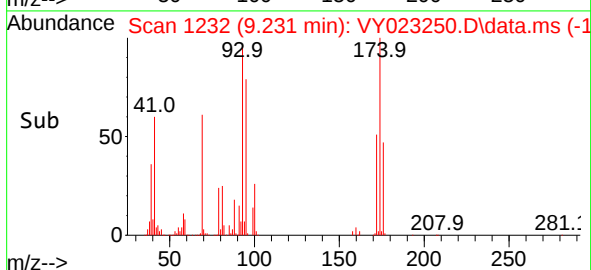
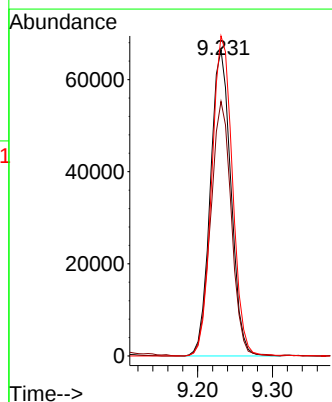
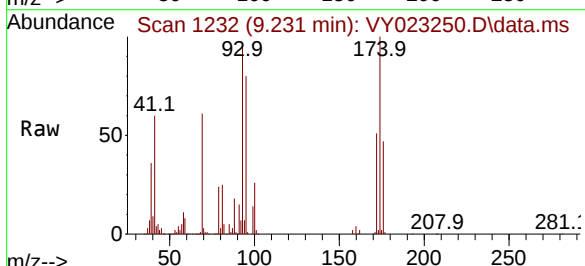
Tgt Ion: 93 Resp: 127180

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 105.3 81.8 122.8

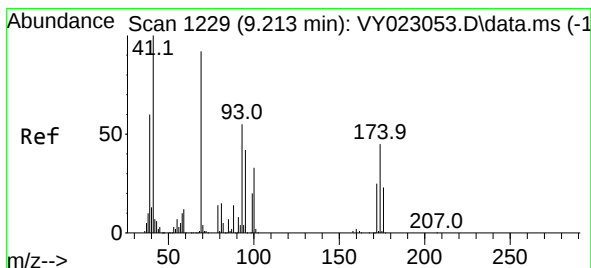
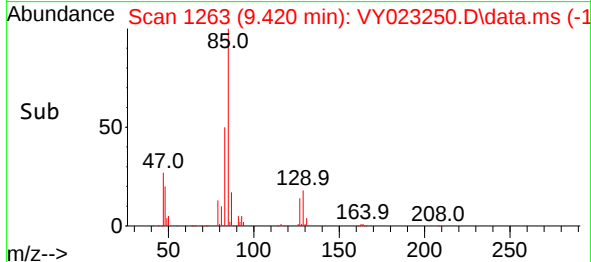
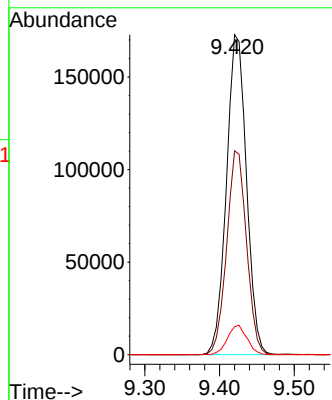
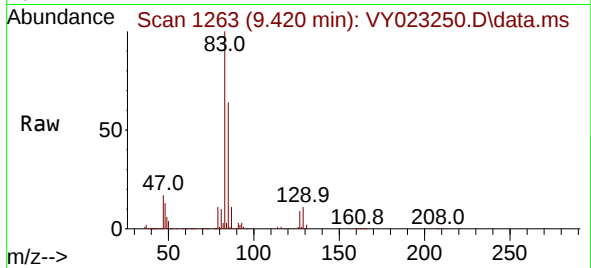




#47
Bromodichloromethane
Concen: 57.435 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

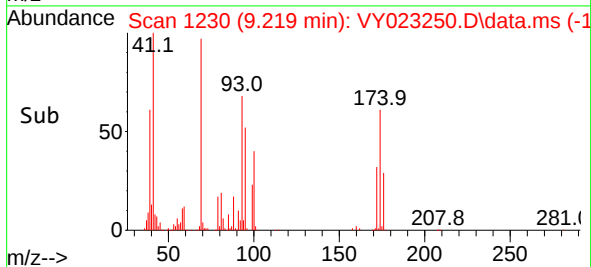
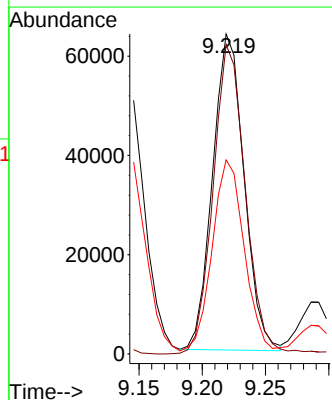
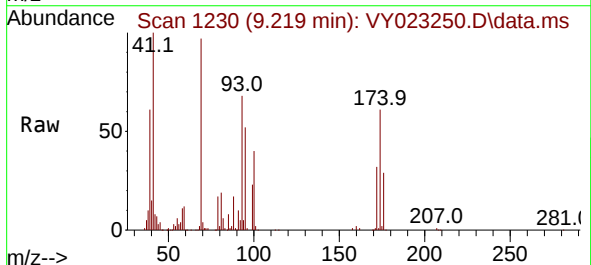
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

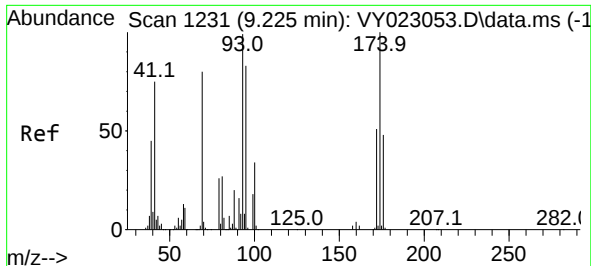
Tgt Ion: 83 Resp: 322637
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 50.570 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 41 Resp: 110195
Ion Ratio Lower Upper
41 100
69 100.7 73.2 109.8
39 60.8 47.0 70.4





#49

1,4-Dioxane

Concen: 1112.441 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

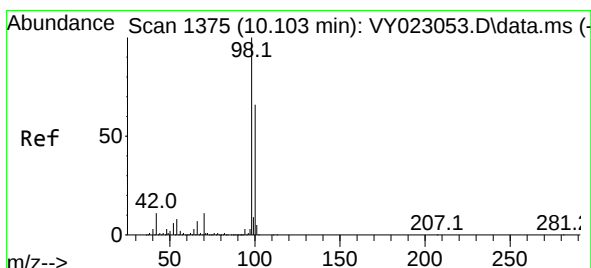
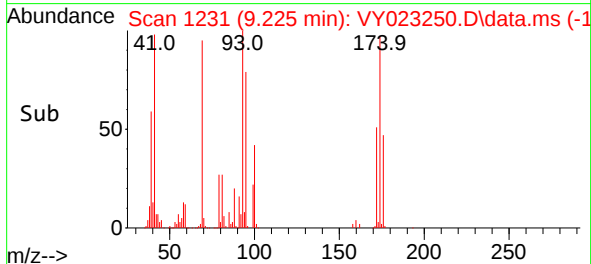
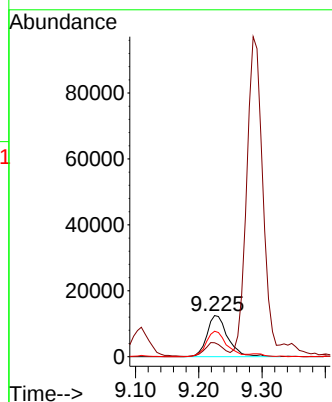
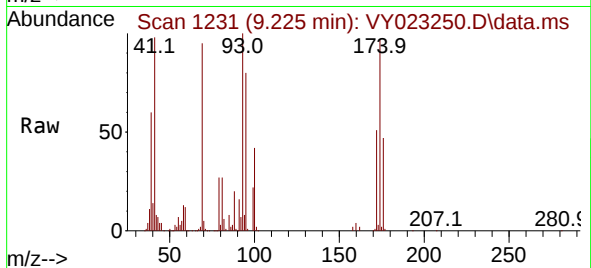
Tgt Ion: 88 Resp: 28476

Ion Ratio Lower Upper

88 100

43 29.3 24.3 36.5

58 60.8 55.4 83.0



#50

Toluene-d8

Concen: 56.246 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023250.D

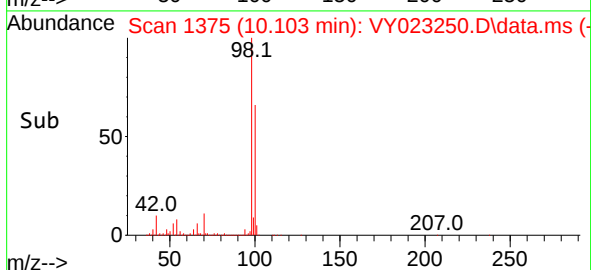
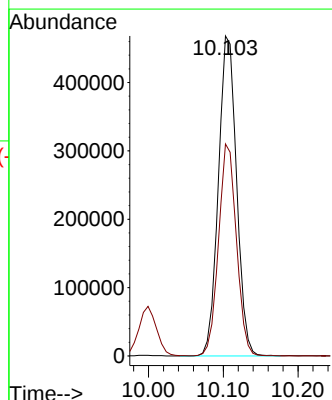
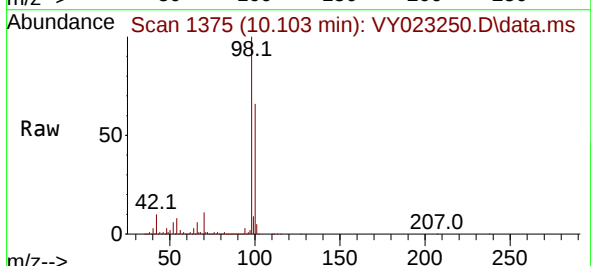
Acq: 29 Aug 2025 16:15

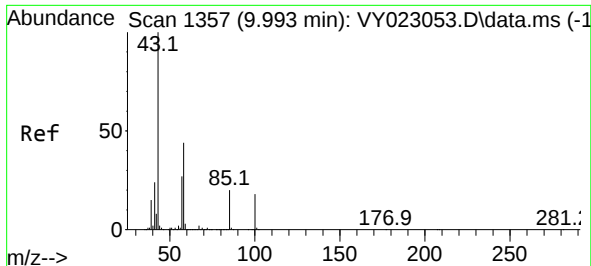
Tgt Ion: 98 Resp: 792991

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

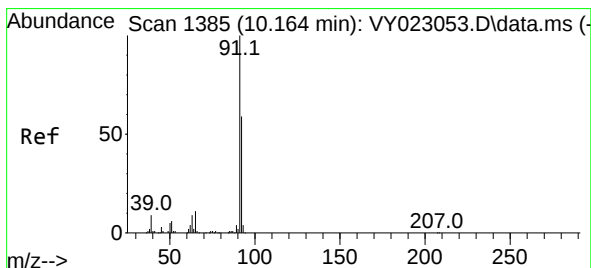
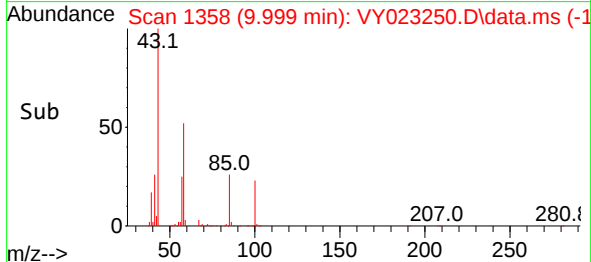
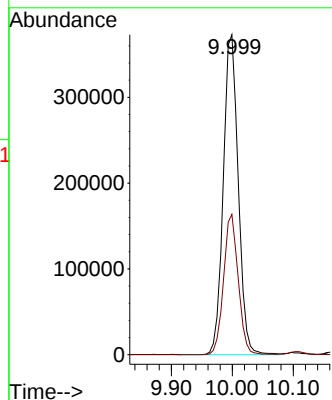
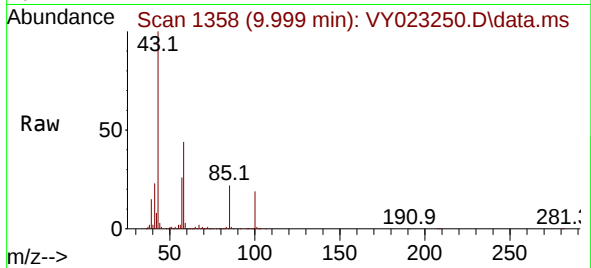




#51
4-Methyl-2-Pentanone
Concen: 271.197 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

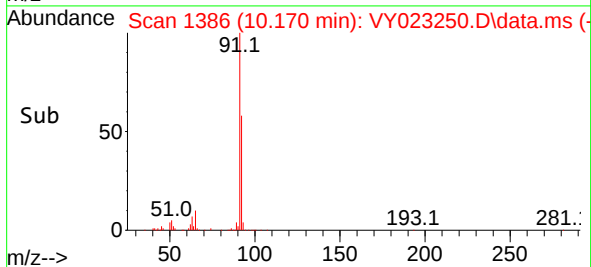
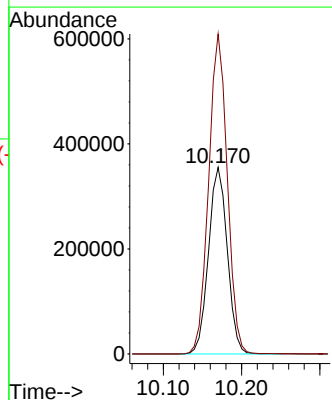
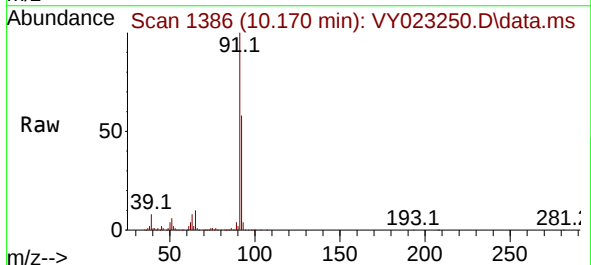
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

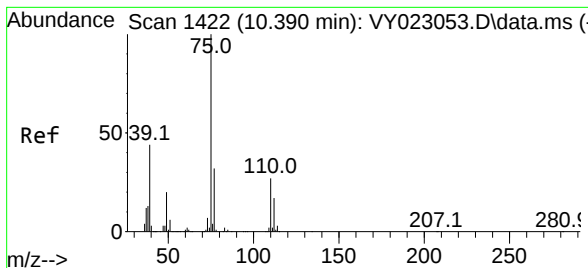
Tgt Ion: 43 Resp: 637020
Ion Ratio Lower Upper
43 100
58 42.9 33.5 50.3



#52
Toluene
Concen: 56.419 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 92 Resp: 592348
Ion Ratio Lower Upper
92 100
91 169.9 136.4 204.6

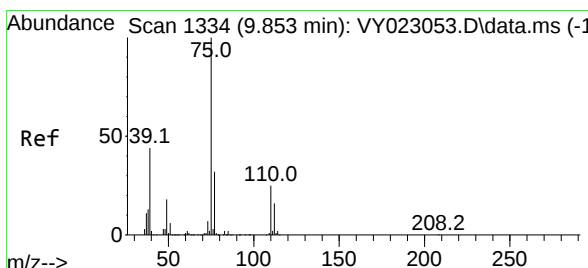
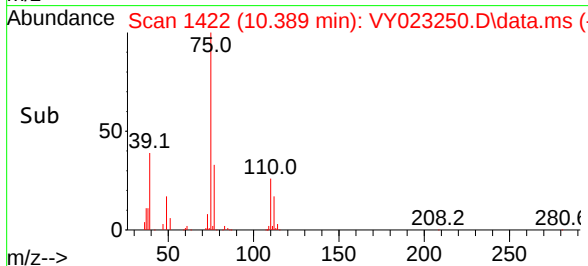
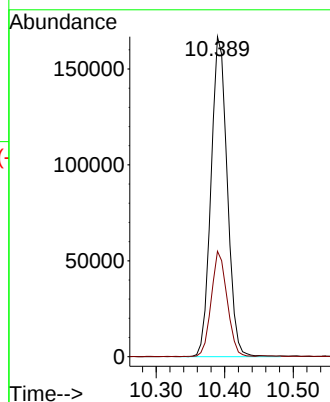
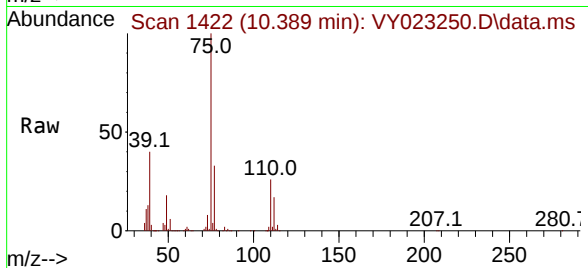




#53
 t-1,3-Dichloropropene
 Concen: 54.137 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

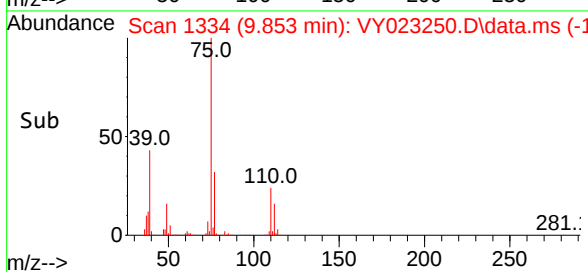
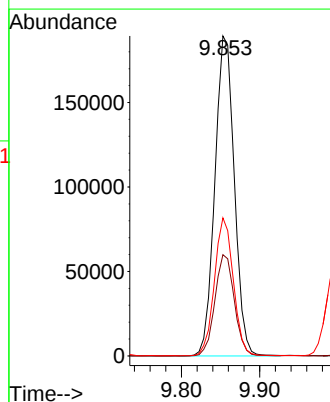
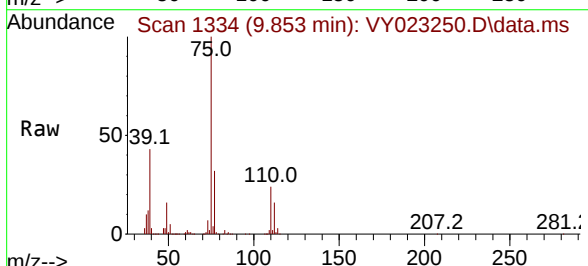
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

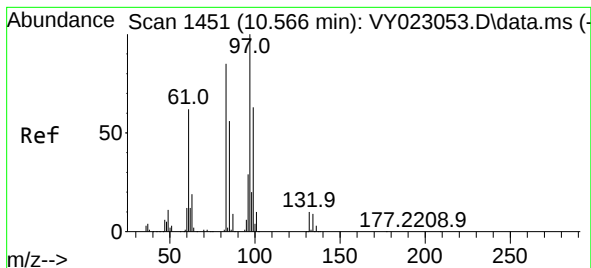
Tgt Ion: 75 Resp: 275385
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.362 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion: 75 Resp: 326995
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 43.1 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 58.518 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 170946

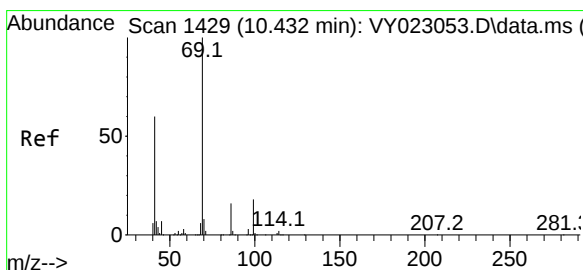
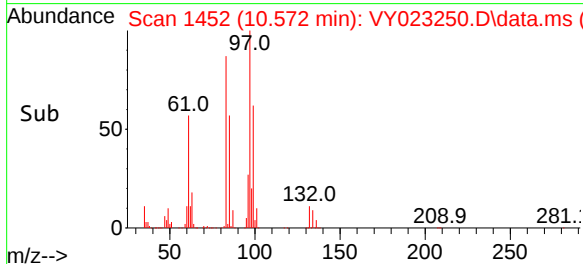
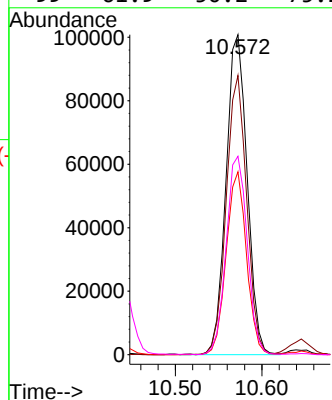
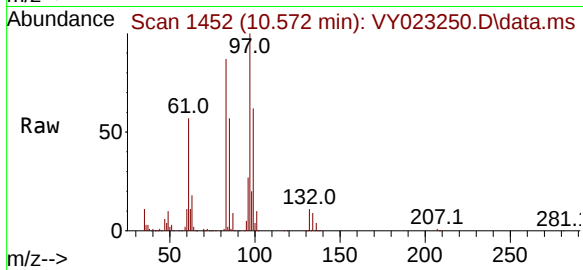
Ion Ratio Lower Upper

97 100

83 87.3 67.7 101.5

85 57.1 44.5 66.7

99 61.9 50.2 75.2



#56

Ethyl methacrylate

Concen: 55.980 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

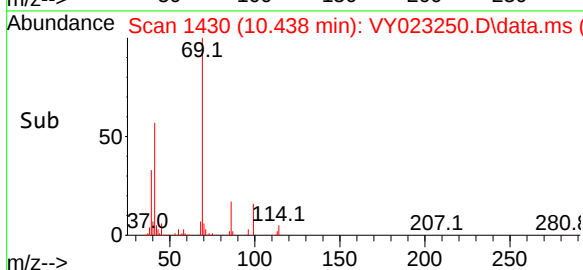
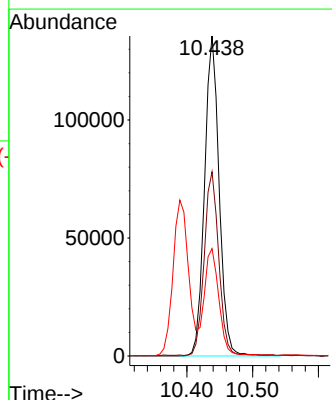
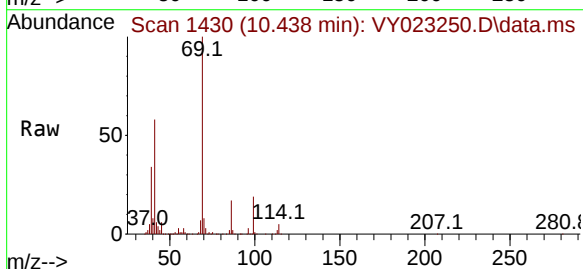
Tgt Ion: 69 Resp: 209256

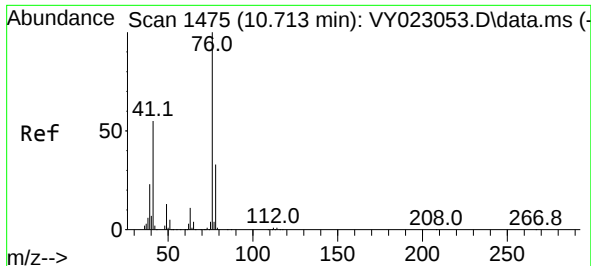
Ion Ratio Lower Upper

69 100

41 56.9 48.6 72.8

39 34.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 55.781 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

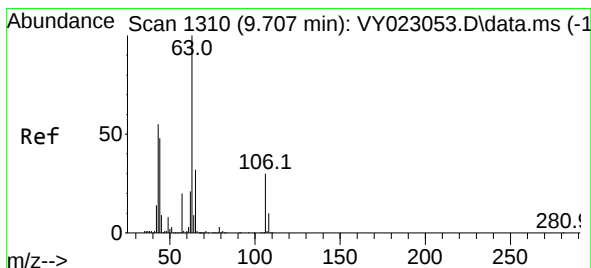
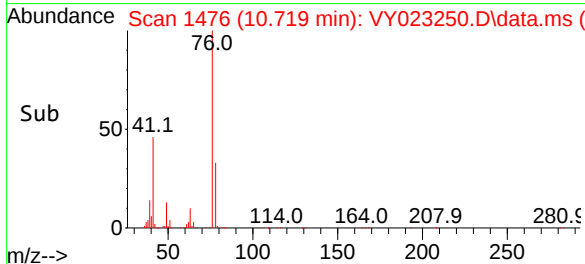
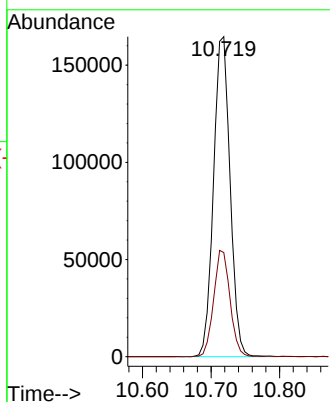
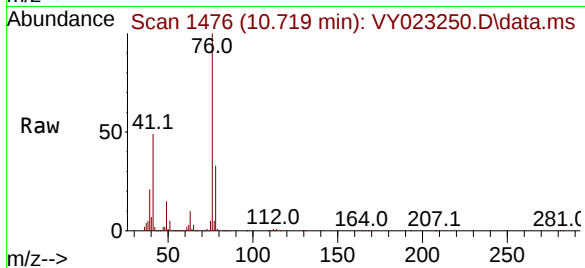
VSTDCCC050EC

Tgt Ion: 76 Resp: 276352

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 290.440 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023250.D

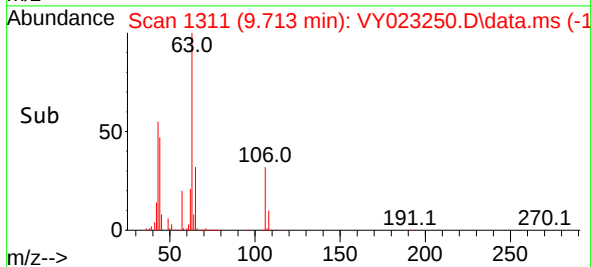
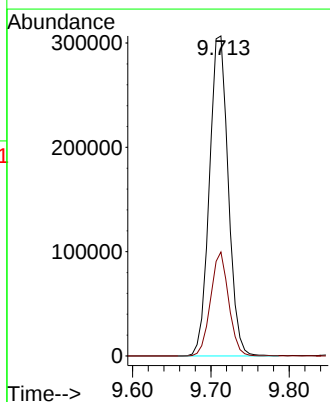
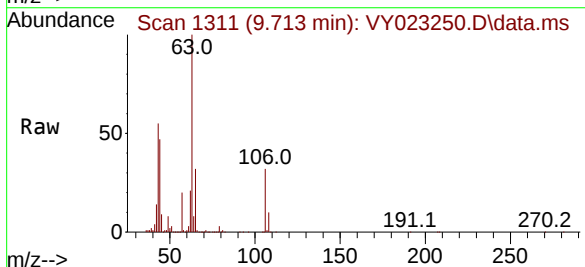
Acq: 29 Aug 2025 16:15

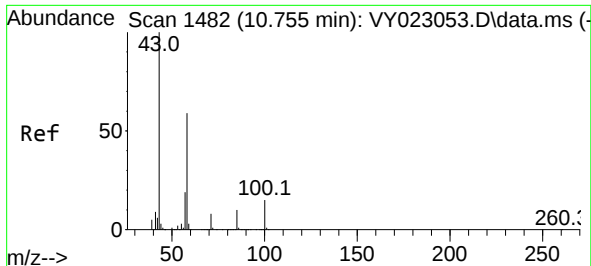
Tgt Ion: 63 Resp: 512110

Ion Ratio Lower Upper

63 100

106 31.1 23.2 34.8

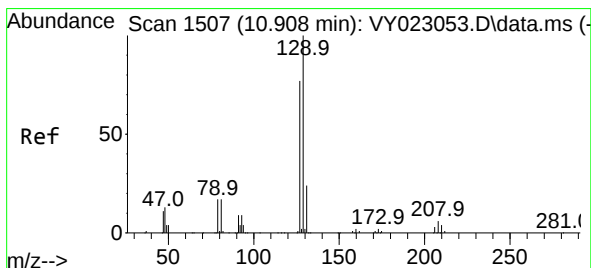
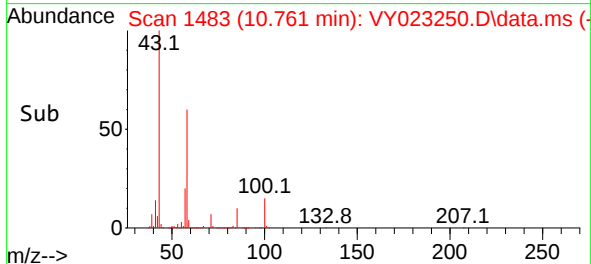
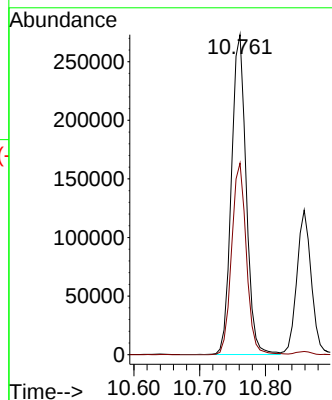
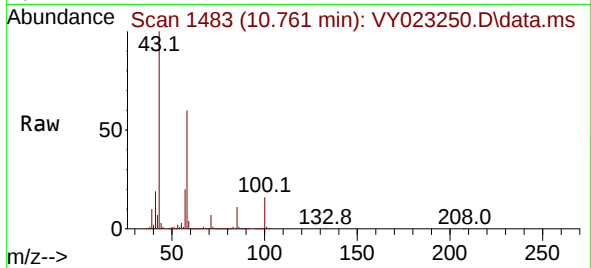




#59
2-Hexanone
Concen: 266.487 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

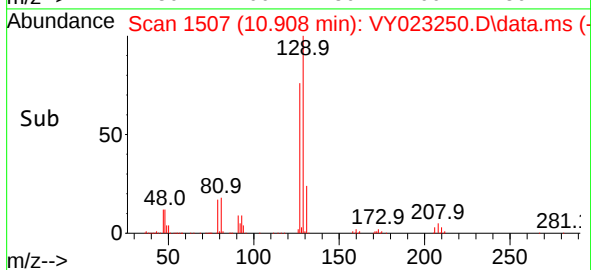
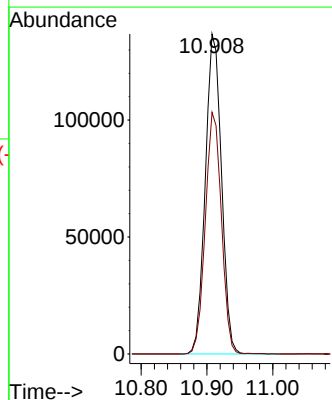
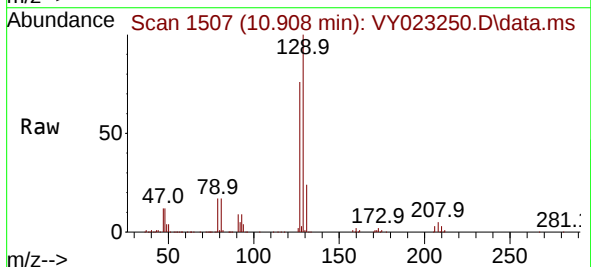
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

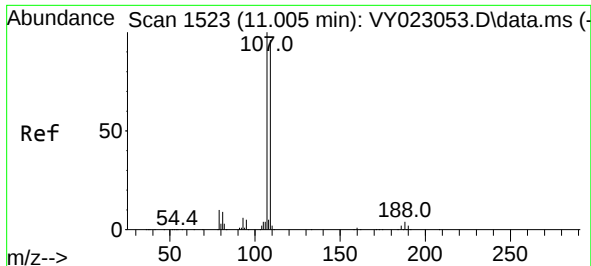
Tgt Ion: 43 Resp: 426235
Ion Ratio Lower Upper
43 100
58 59.8 29.5 88.5



#60
Dibromochloromethane
Concen: 60.741 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 129 Resp: 234130
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.5

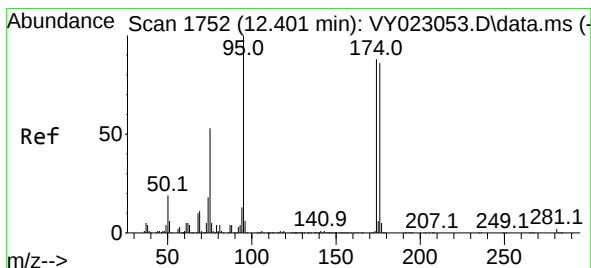
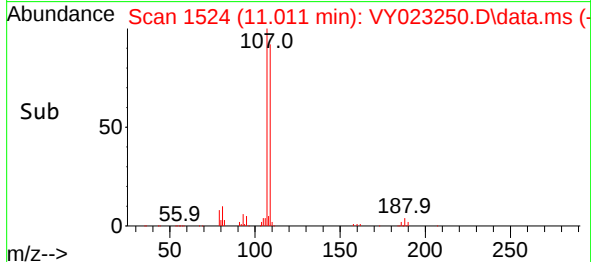
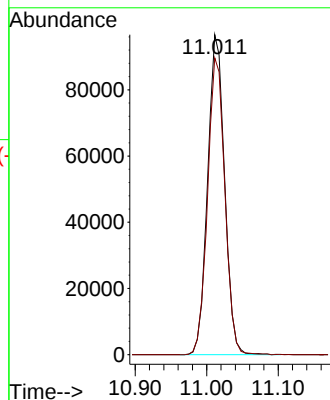
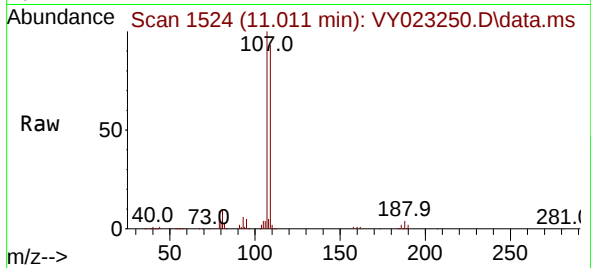




#61
1,2-Dibromoethane
Concen: 57.952 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

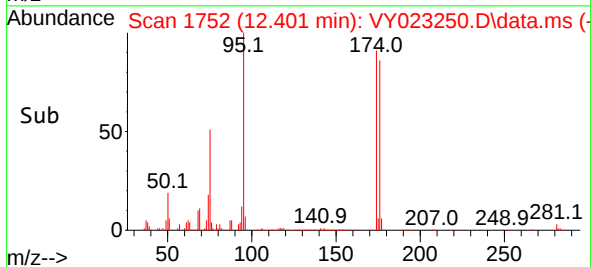
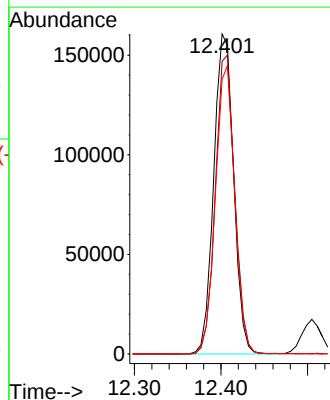
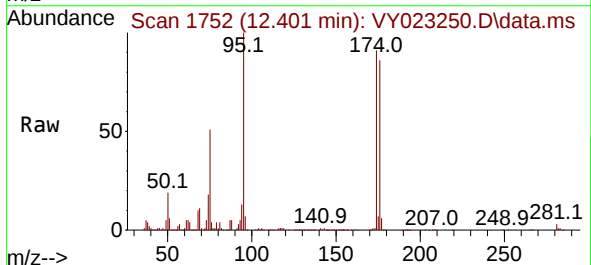
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

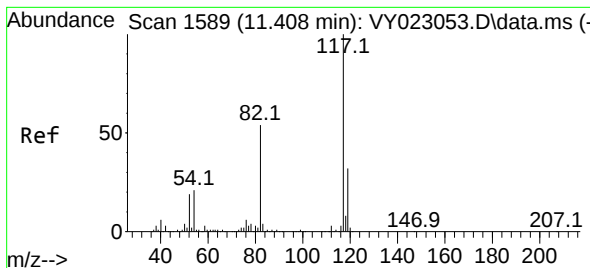
Tgt Ion:107 Resp: 159115
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.414 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 95 Resp: 255786
Ion Ratio Lower Upper
95 100
174 90.9 0.0 171.6
176 87.7 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: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

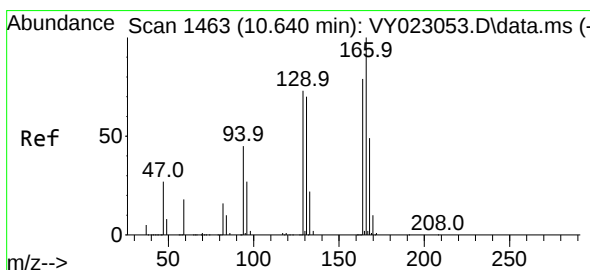
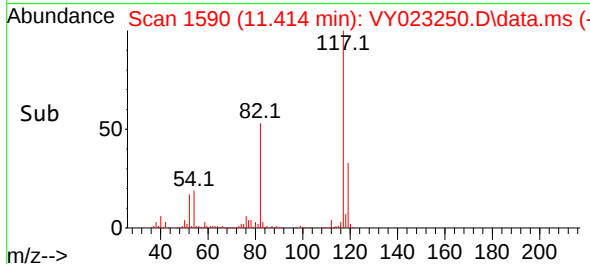
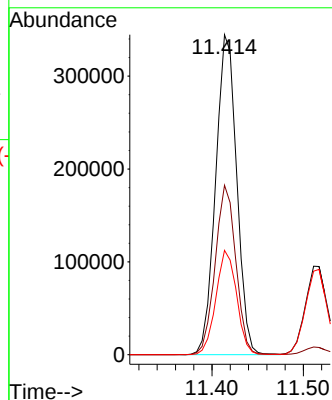
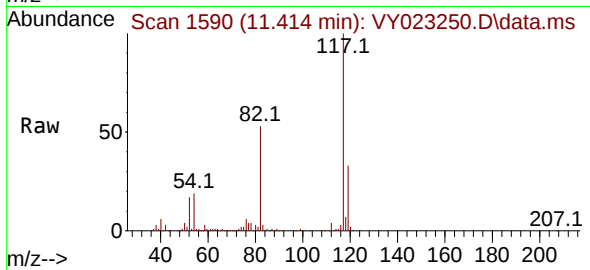
Tgt Ion:117 Resp: 552656

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 65.128 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Tgt Ion:164 Resp: 321397

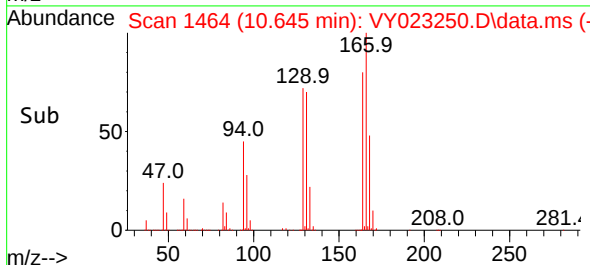
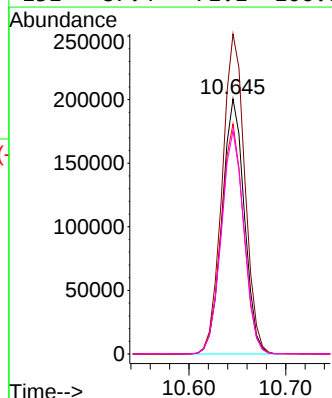
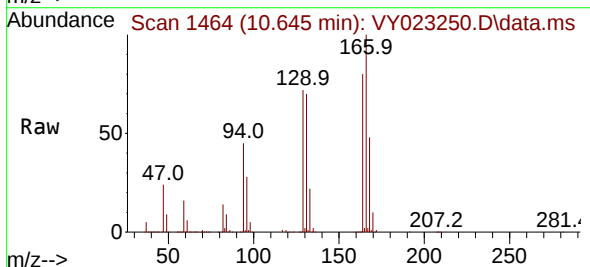
Ion Ratio Lower Upper

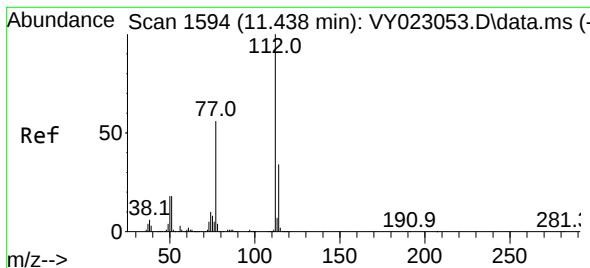
164 100

166 125.4 101.1 151.7

129 90.1 74.0 111.0

131 87.4 71.1 106.7

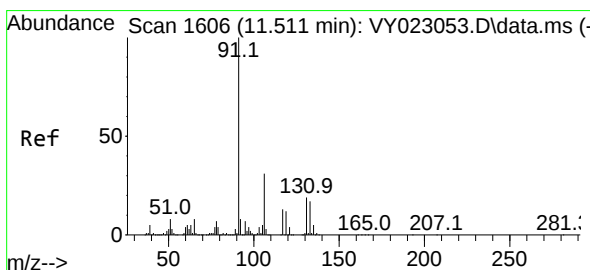
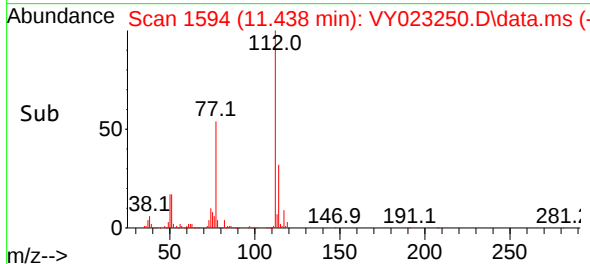
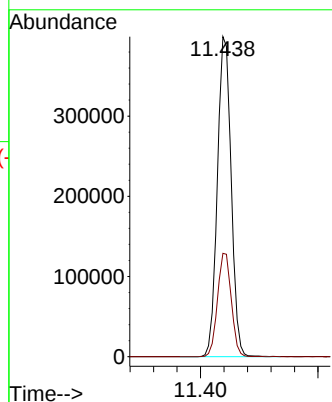
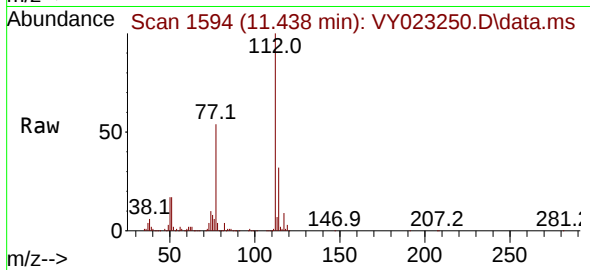




#65
Chlorobenzene
Concen: 54.405 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

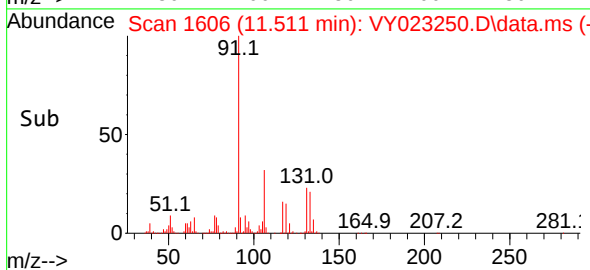
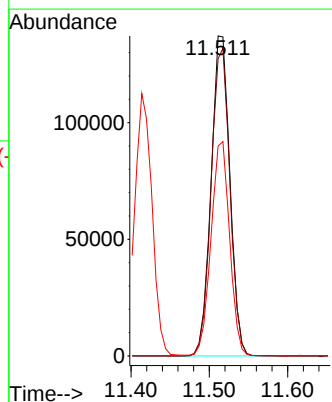
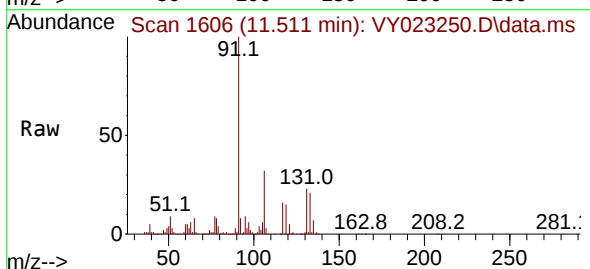
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

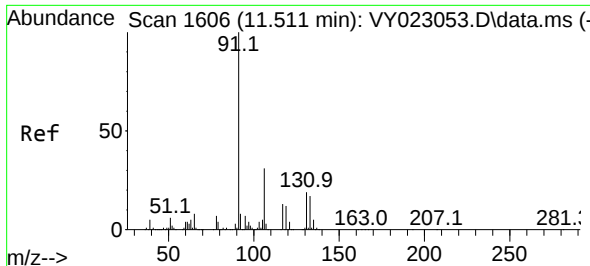
Tgt Ion:112 Resp: 648549
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.517 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion:131 Resp: 228656
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.6
119 66.5 33.2 99.6





#67

Ethyl Benzene

Concen: 53.771 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

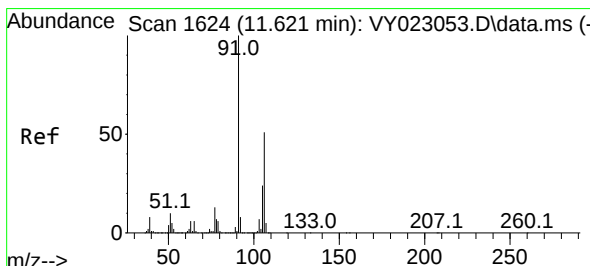
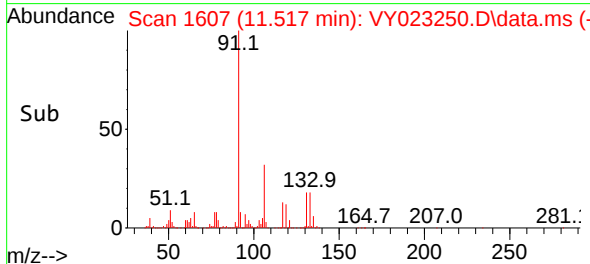
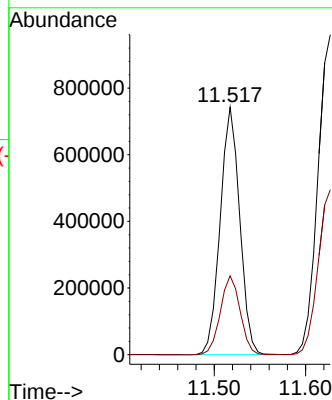
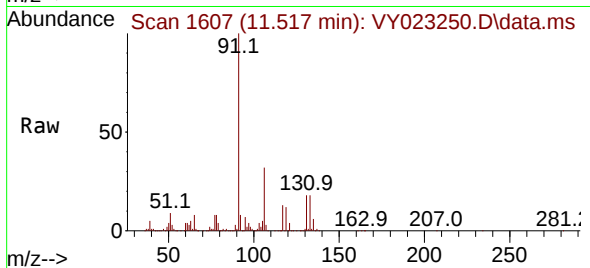
VSTDCCC050EC

Tgt Ion: 91 Resp: 1103084

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 109.823 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023250.D

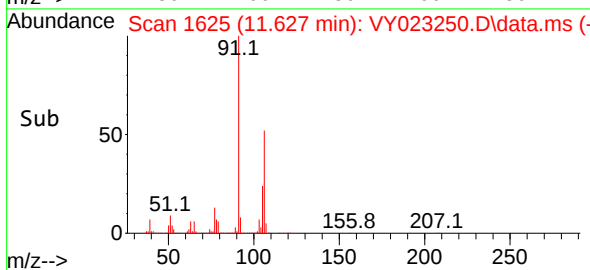
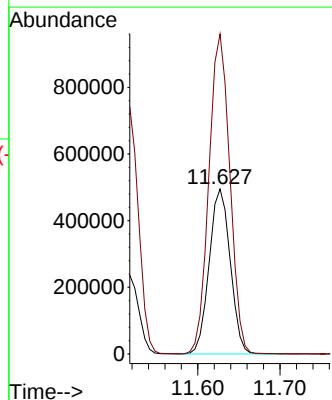
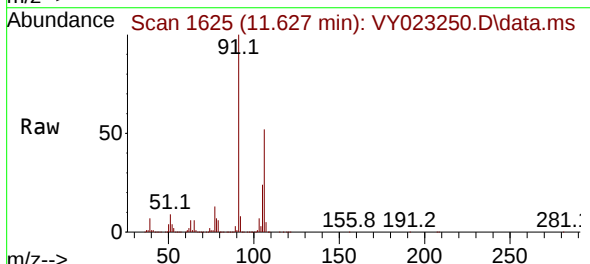
Acq: 29 Aug 2025 16:15

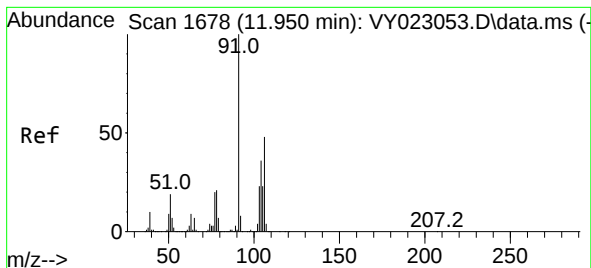
Tgt Ion:106 Resp: 879926

Ion Ratio Lower Upper

106 100

91 193.2 158.6 238.0





#69

o-Xylene

Concen: 55.129 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

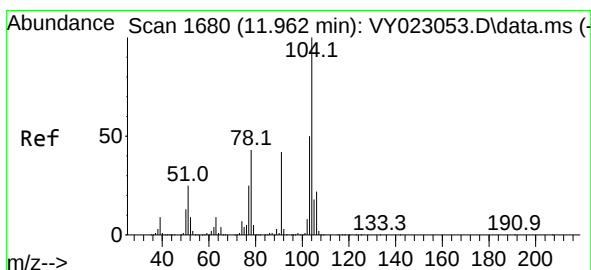
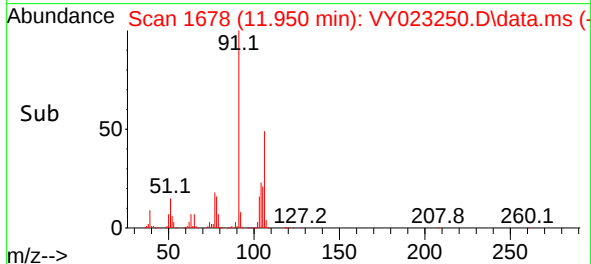
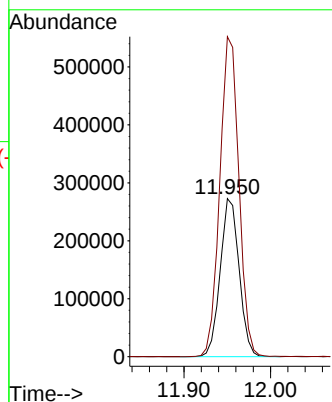
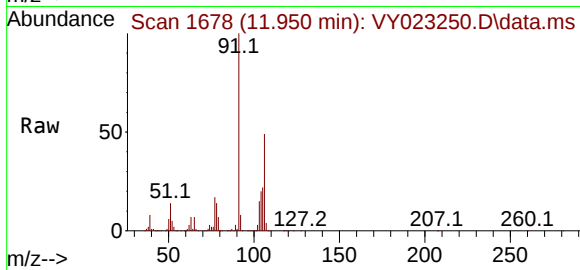
VSTDCCC050EC

Tgt Ion:106 Resp: 413702

Ion Ratio Lower Upper

106 100

91 204.4 103.2 309.4



#70

Styrene

Concen: 56.754 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

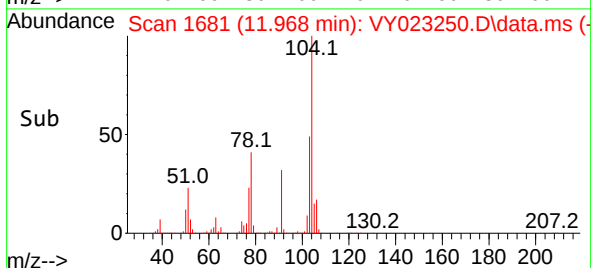
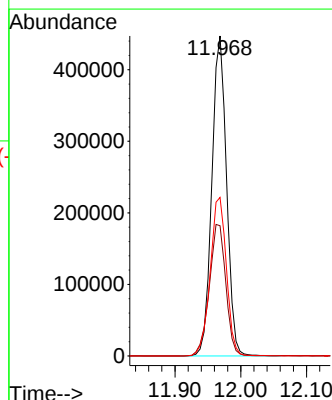
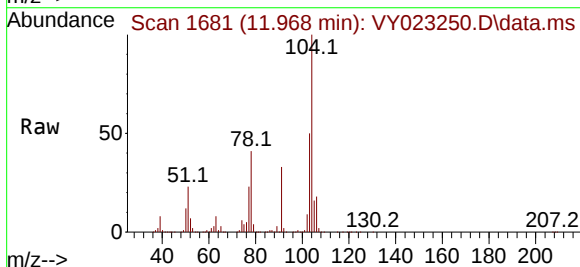
Tgt Ion:104 Resp: 696495

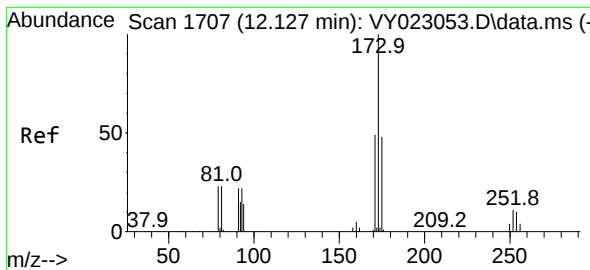
Ion Ratio Lower Upper

104 100

78 46.1 38.5 57.7

103 54.6 43.7 65.5

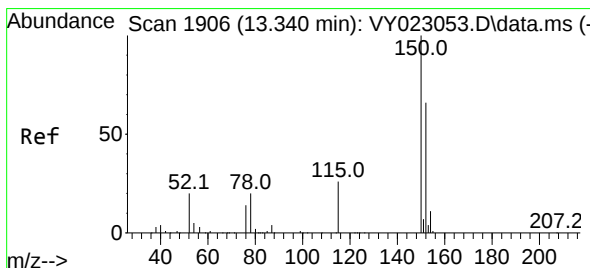
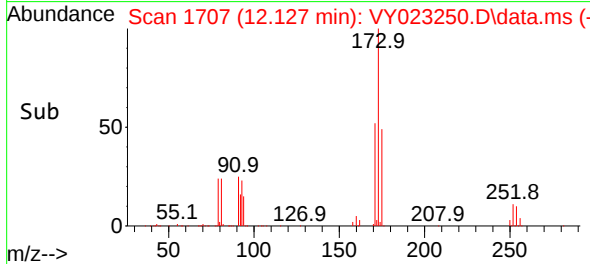
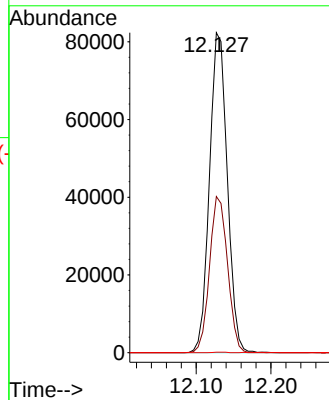
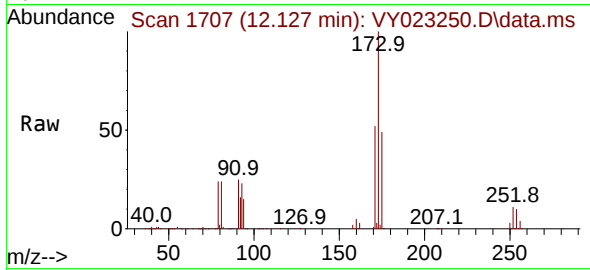




#71
Bromoform
Concen: 57.602 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

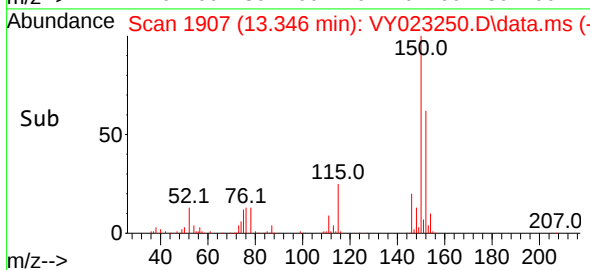
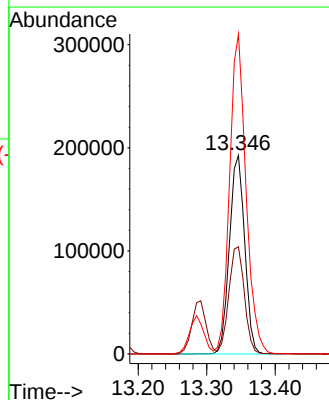
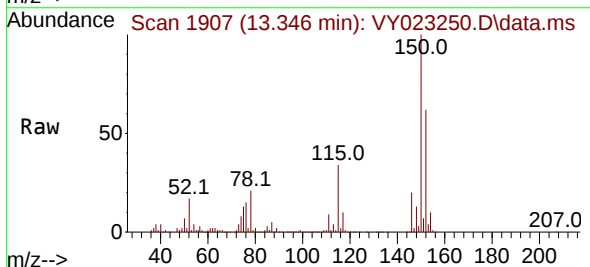
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

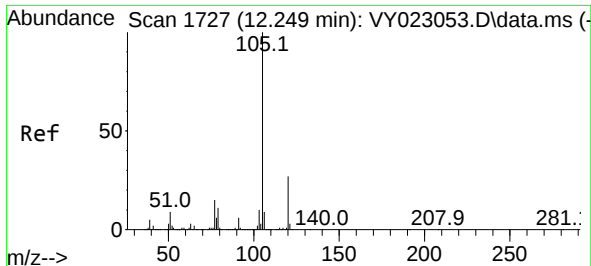
Tgt Ion:173 Resp: 136204
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion:152 Resp: 297811
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.6
150 172.3 0.0 348.0

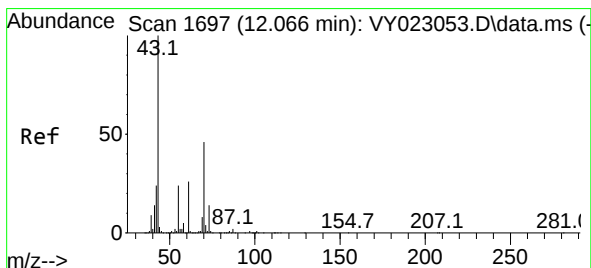
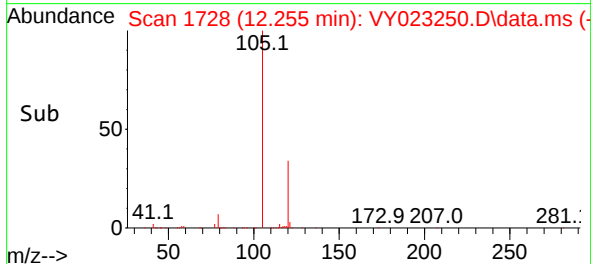
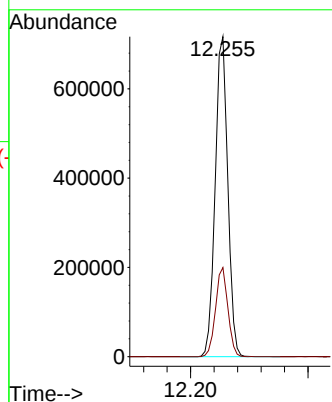
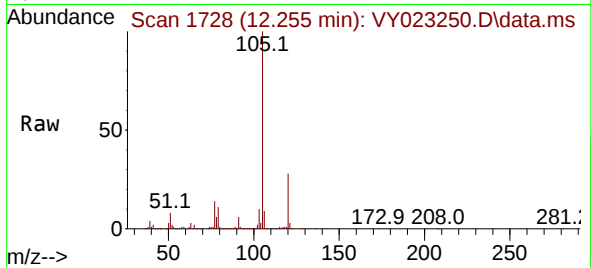




#73
Isopropylbenzene
Concen: 50.683 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

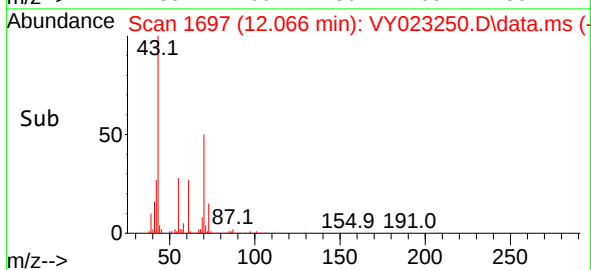
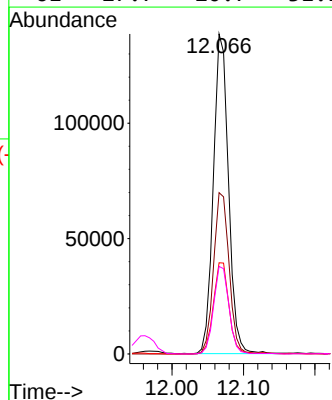
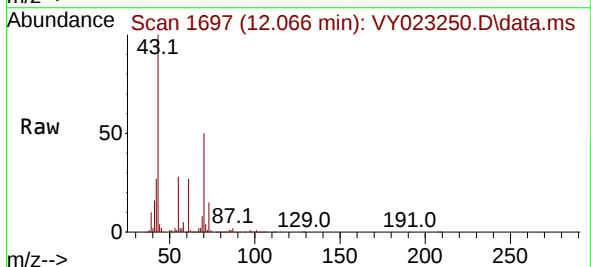
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

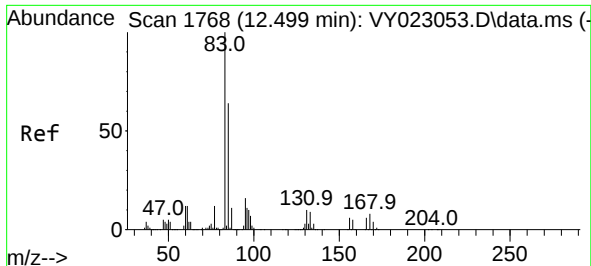
Tgt Ion:105 Resp: 1065323
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 45.627 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 43 Resp: 203384
Ion Ratio Lower Upper
43 100
70 51.7 37.5 56.3
55 29.5 20.7 31.1
61 27.7 20.7 31.1

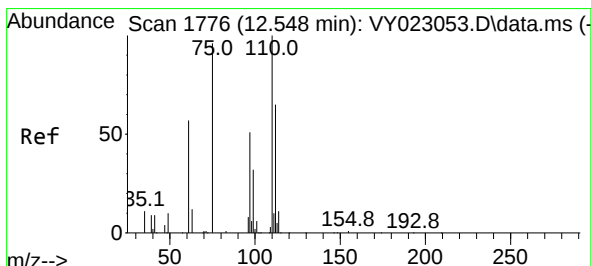
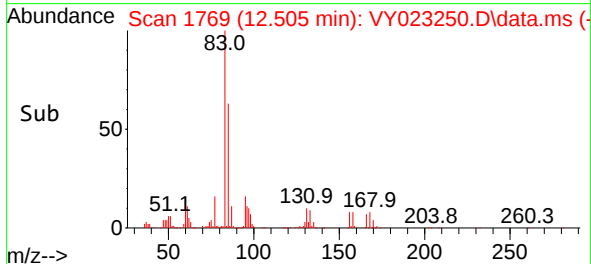
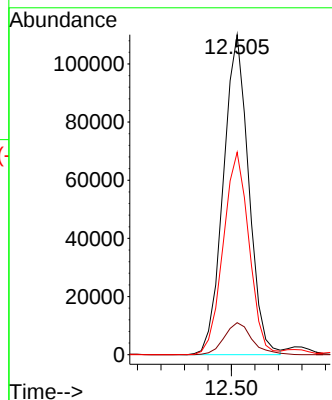
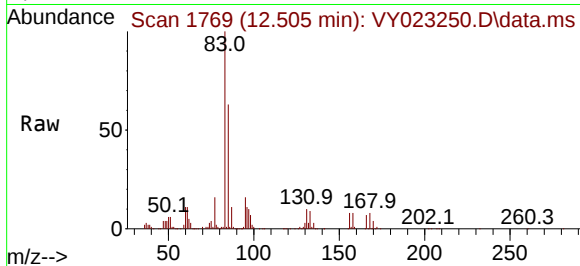




#75
 1,1,2-Tetrachloroethane
 Concen: 45.956 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

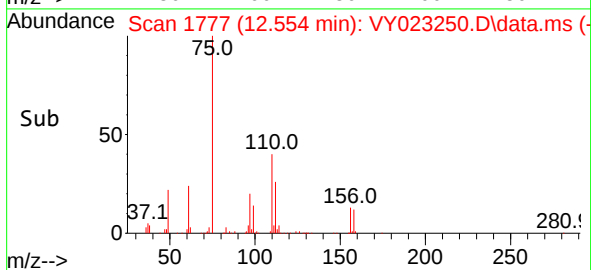
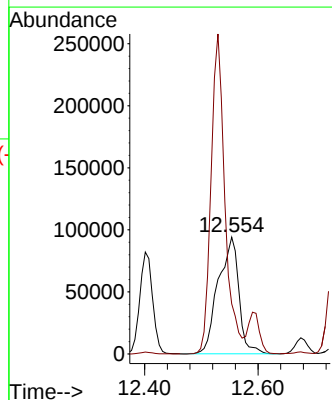
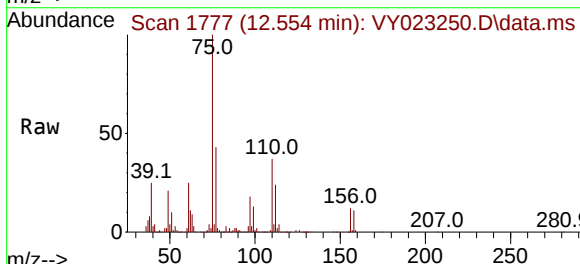
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

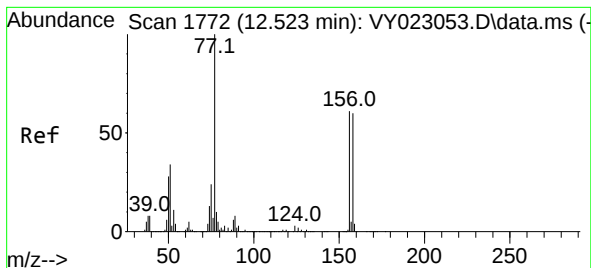
Tgt Ion: 83 Resp: 164936
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 82.727 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion: 75 Resp: 237773
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.241 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

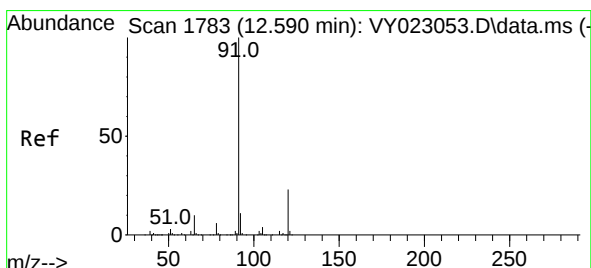
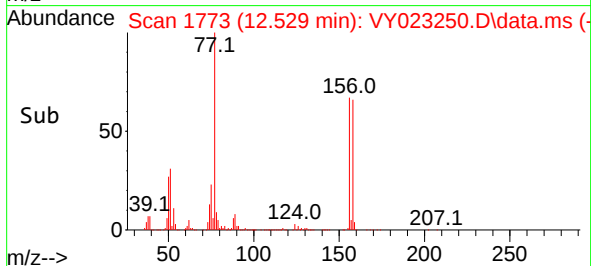
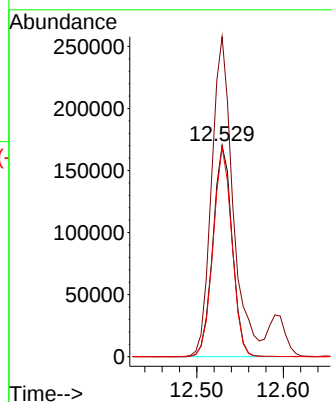
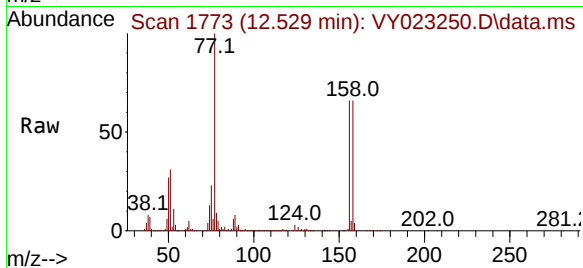
Tgt Ion:156 Resp: 261963

Ion Ratio Lower Upper

156 100

77 167.9 88.1 264.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 50.515 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023250.D

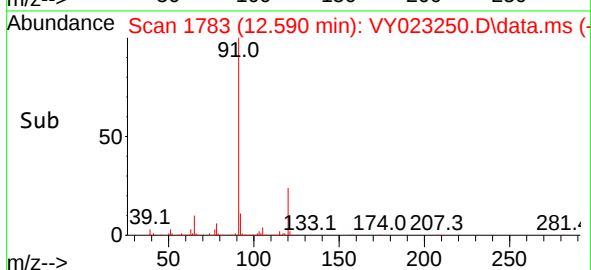
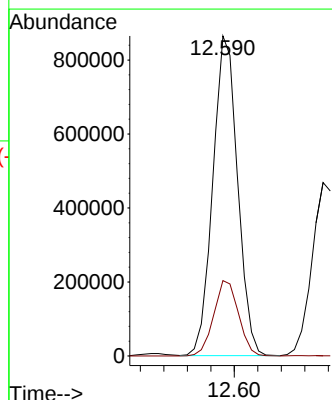
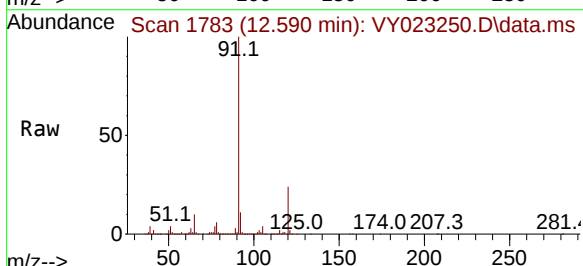
Acq: 29 Aug 2025 16:15

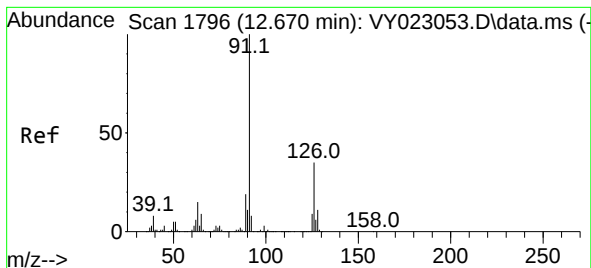
Tgt Ion: 91 Resp: 1264131

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5

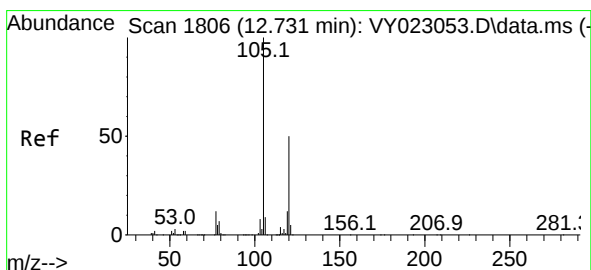
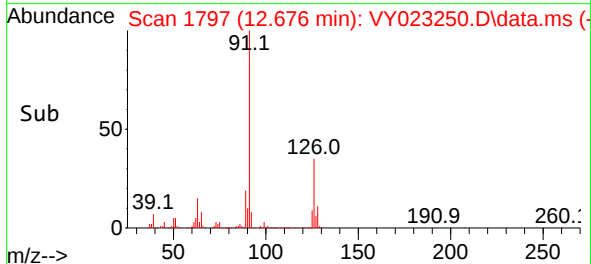
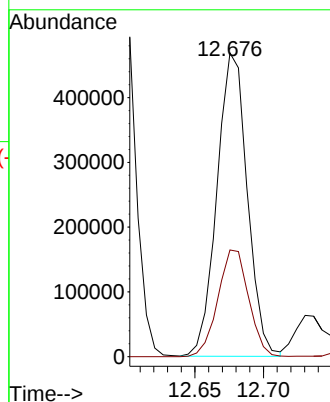
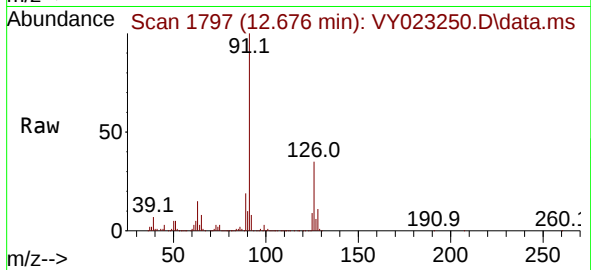




#79
2-Chlorotoluene
Concen: 50.299 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

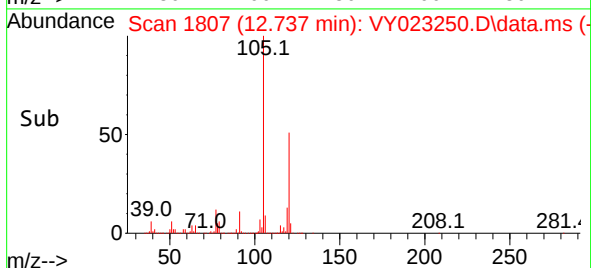
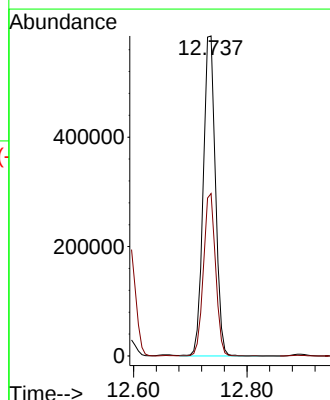
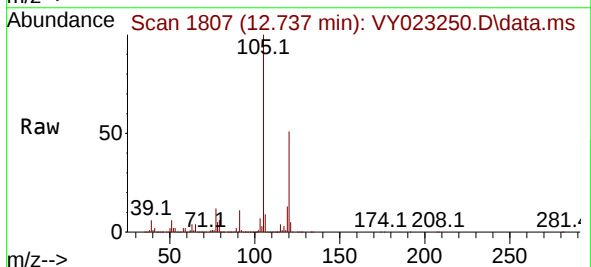
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

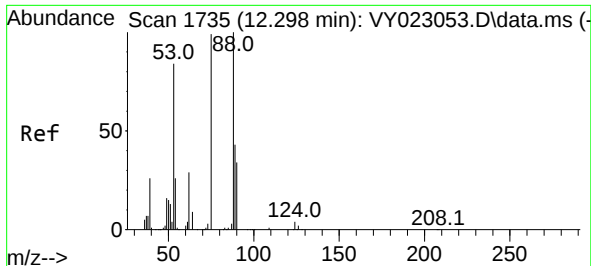
Tgt Ion: 91 Resp: 721188
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.449 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 105 Resp: 873993
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4

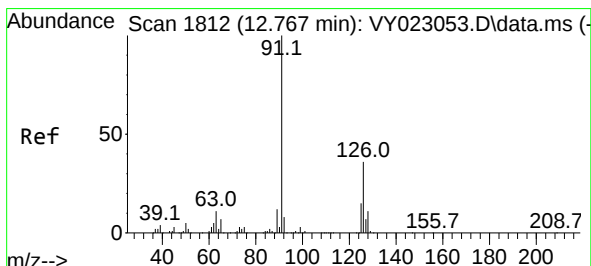
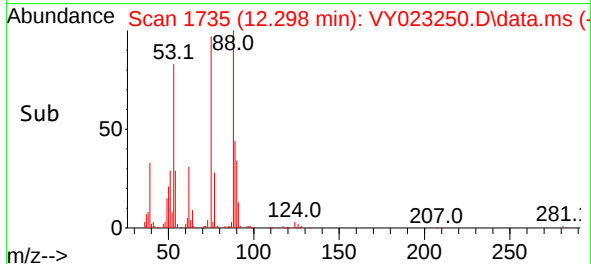
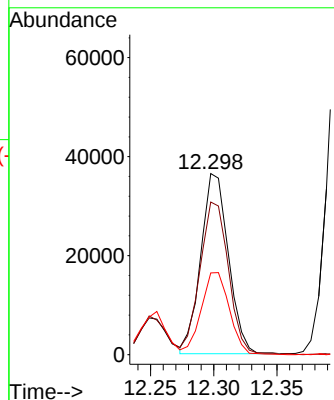
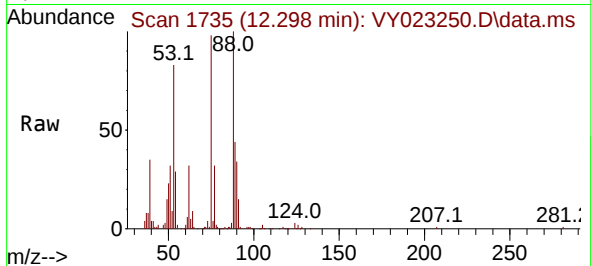




#81
trans-1,4-Dichloro-2-butene
Concen: 46.648 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

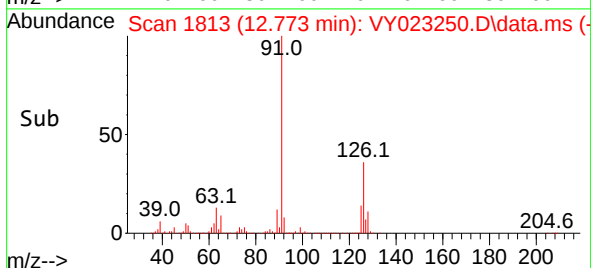
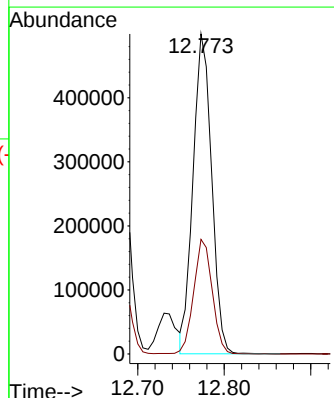
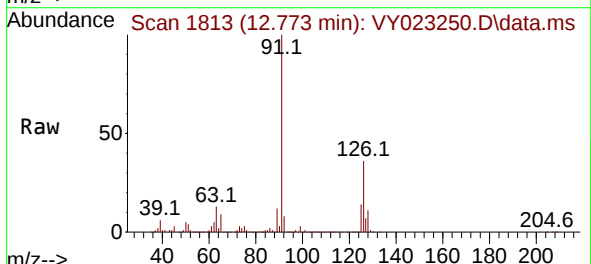
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 55387
Ion Ratio Lower Upper
75 100
53 87.8 70.8 106.2
89 46.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 50.060 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 91 Resp: 744595
Ion Ratio Lower Upper
91 100
126 35.7 17.3 52.0

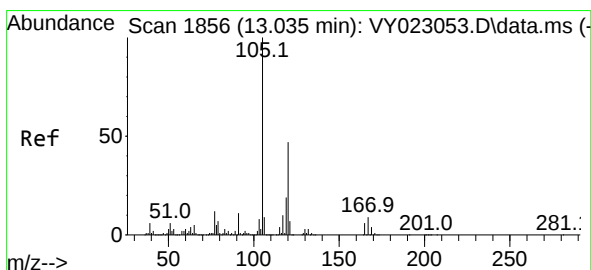
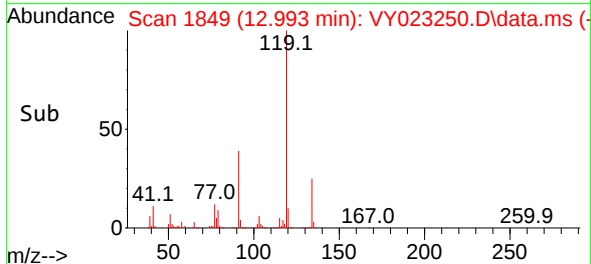
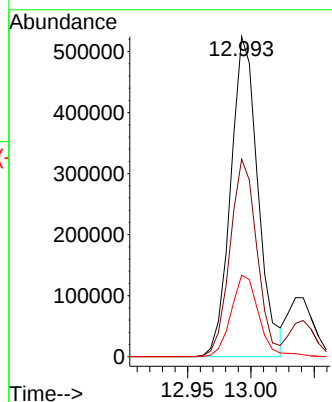
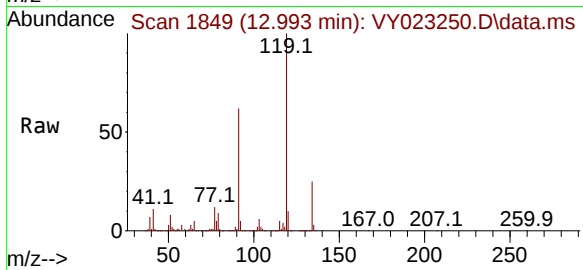




#83
 tert-Butylbenzene
 Concen: 51.336 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

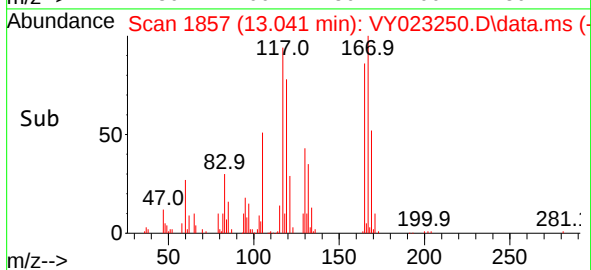
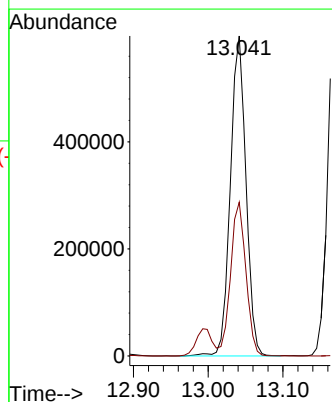
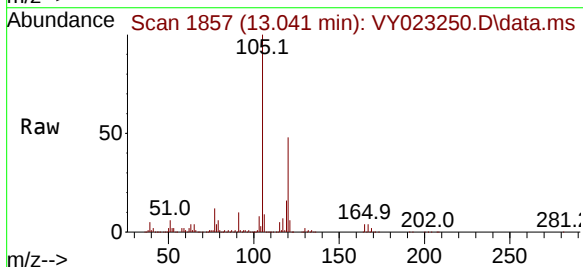
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

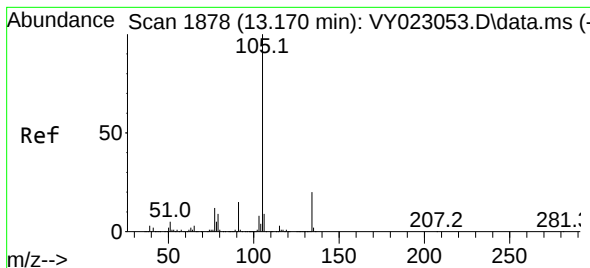
Tgt Ion:119 Resp: 787633
 Ion Ratio Lower Upper
 119 100
 91 61.0 31.6 94.8
 134 25.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.328 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion:105 Resp: 867970
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.0 69.0

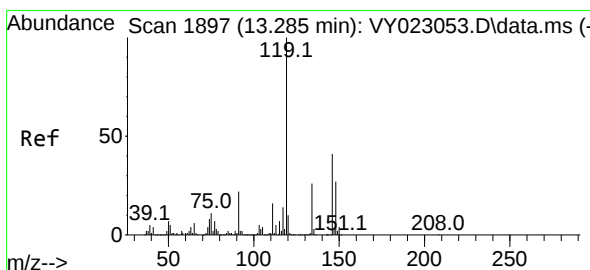
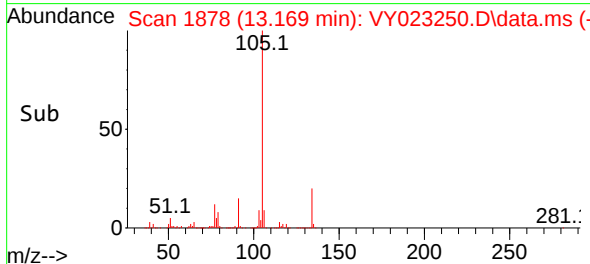
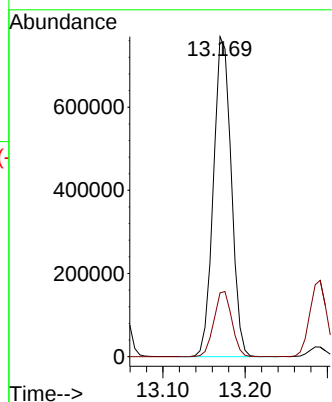
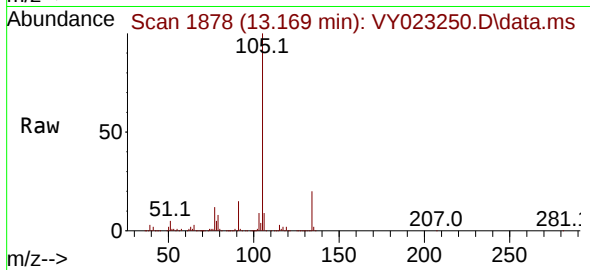




#85
 sec-Butylbenzene
 Concen: 51.366 ug/l
 RT: 13.169 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

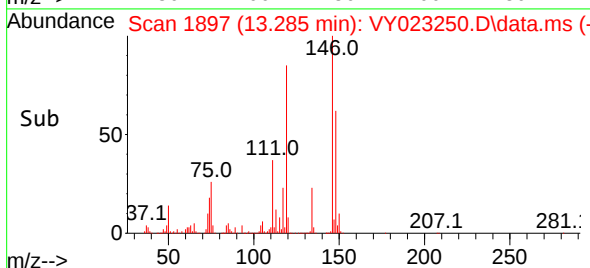
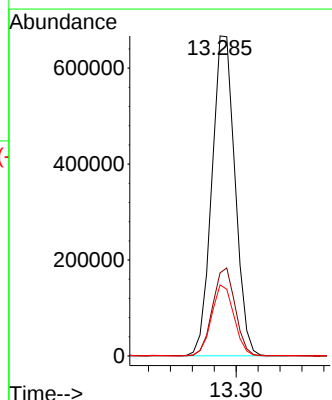
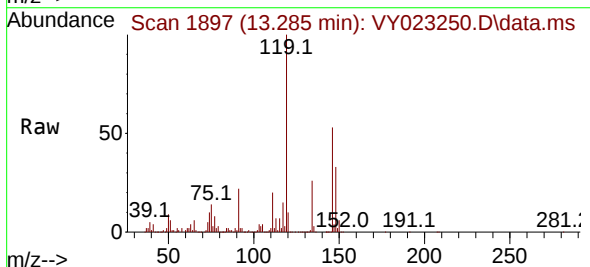
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

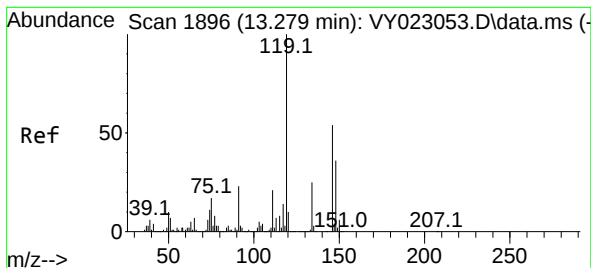
Tgt Ion:105 Resp: 1157684
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.208 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion:119 Resp: 976690
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 21.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 52.962 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

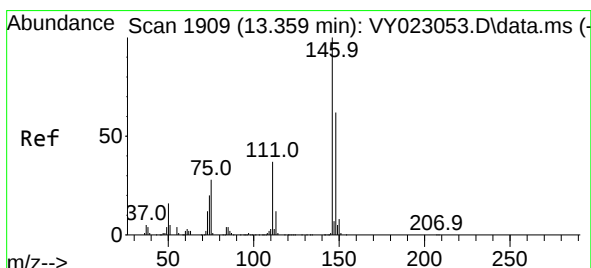
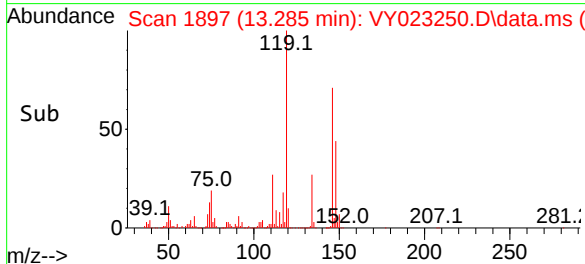
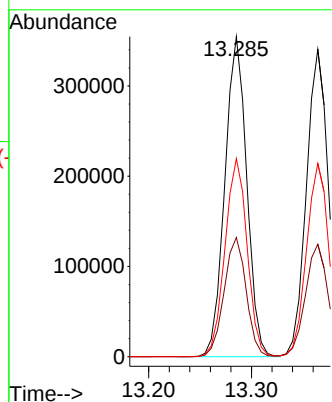
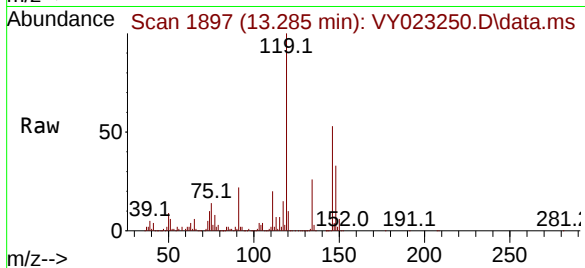
Tgt Ion:146 Resp: 523728

Ion Ratio Lower Upper

146 100

111 37.5 19.6 58.7

148 62.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 51.812 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

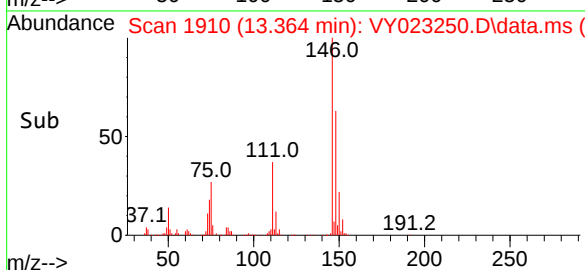
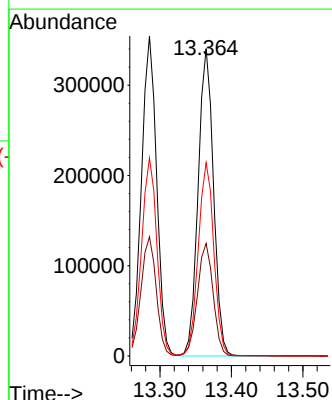
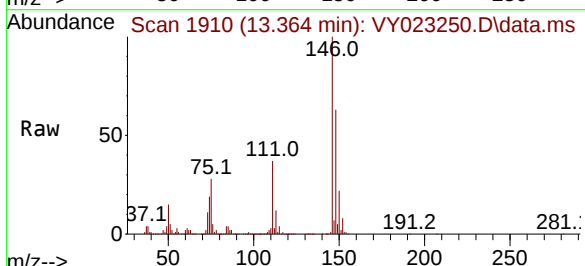
Tgt Ion:146 Resp: 508247

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.1

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 50.484 ug/l

RT: 13.614 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

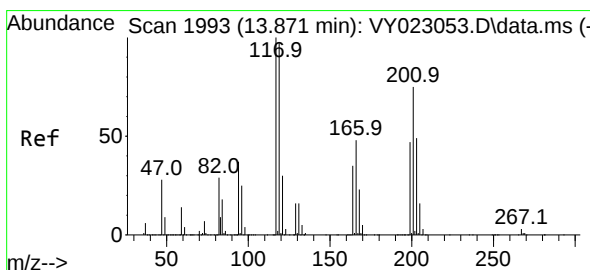
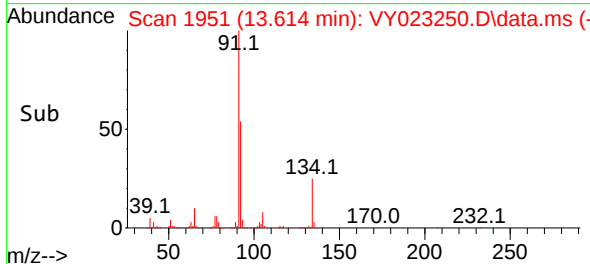
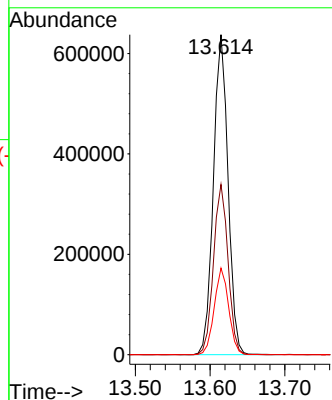
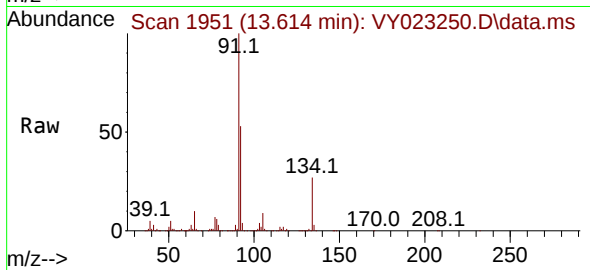
Tgt Ion: 91 Resp: 867427

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 52.979 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023250.D

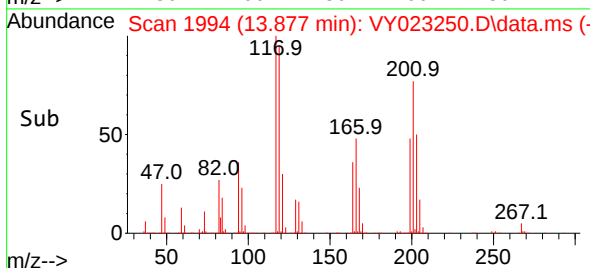
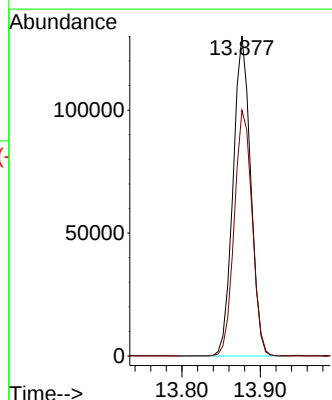
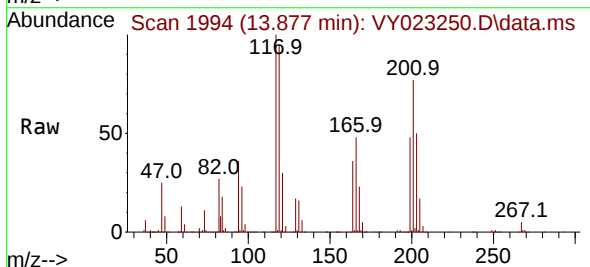
Acq: 29 Aug 2025 16:15

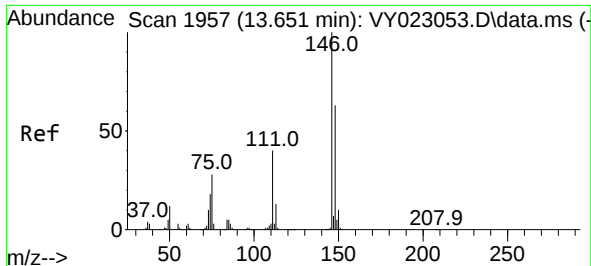
Tgt Ion: 117 Resp: 202894

Ion Ratio Lower Upper

117 100

201 78.0 38.4 115.1

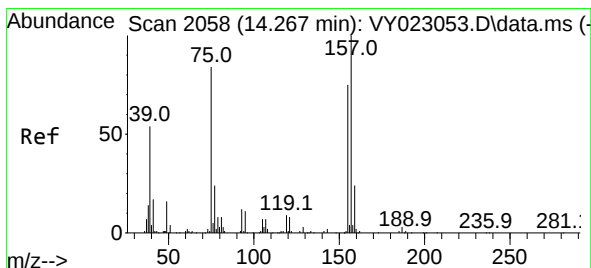
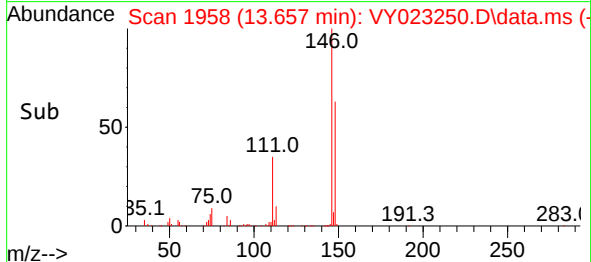
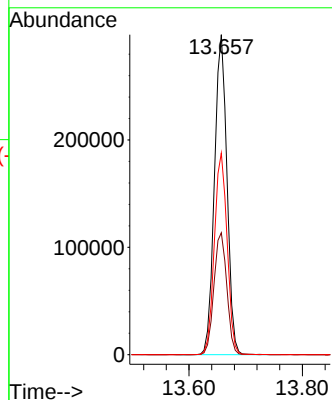
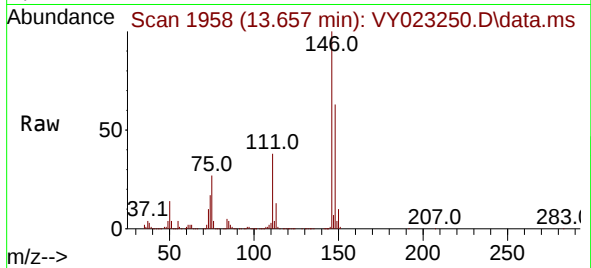




#91
1,2-Dichlorobenzene
Concen: 52.609 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

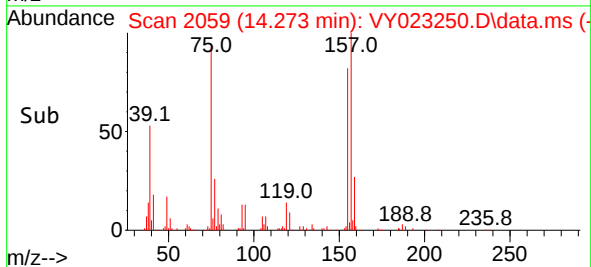
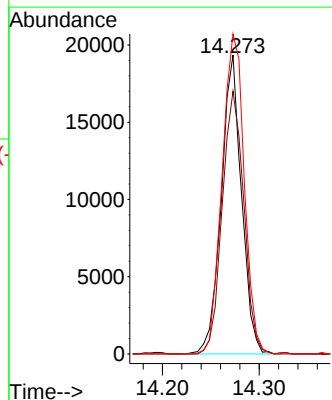
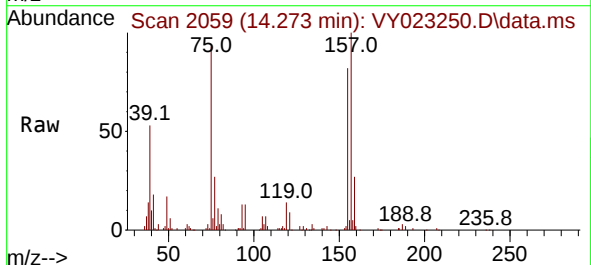
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 456248
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 64.3 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.260 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023250.D
Acq: 29 Aug 2025 16:15

Tgt Ion: 75 Resp: 28085
Ion Ratio Lower Upper
75 100
155 93.6 43.9 131.6
157 117.1 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 51.521 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

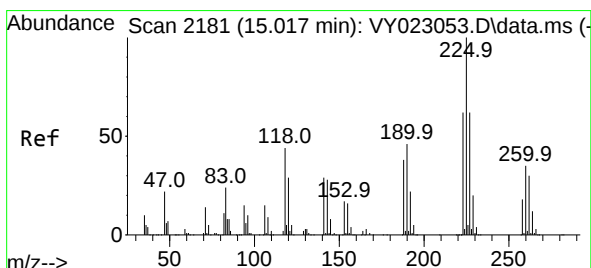
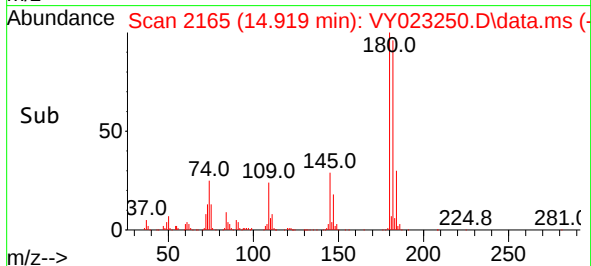
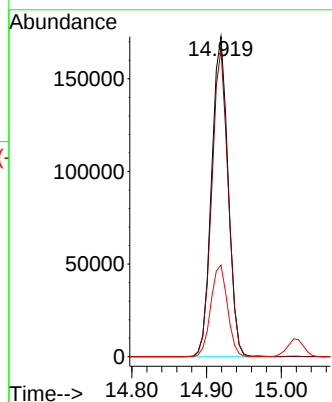
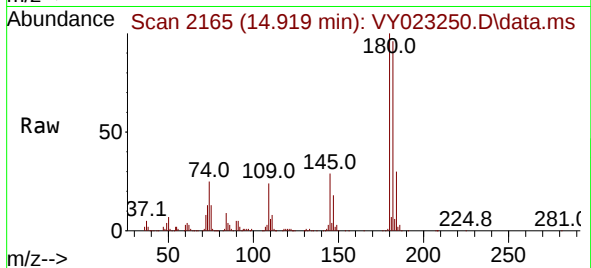
Tgt Ion:180 Resp: 264231

Ion Ratio Lower Upper

180 100

182 95.1 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 52.257 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023250.D

Acq: 29 Aug 2025 16:15

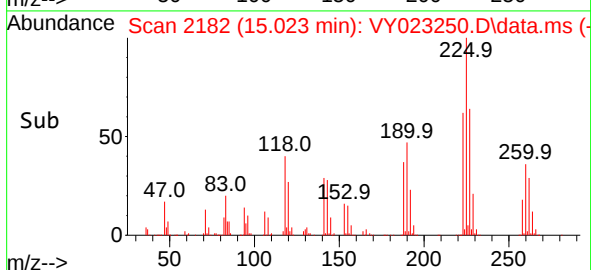
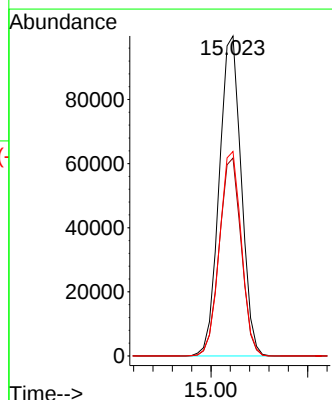
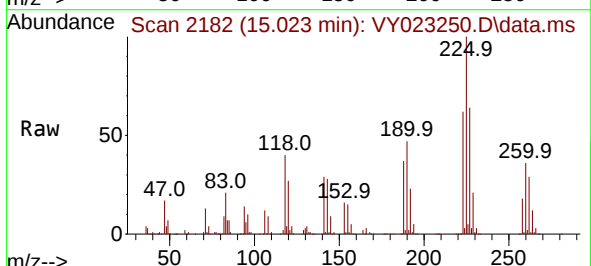
Tgt Ion:225 Resp: 157485

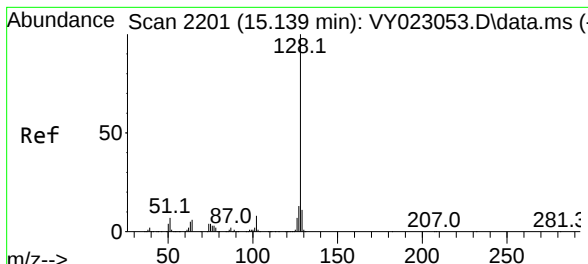
Ion Ratio Lower Upper

225 100

223 61.6 31.3 93.8

227 63.4 31.5 94.5



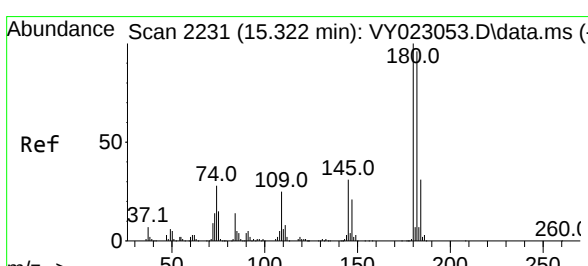
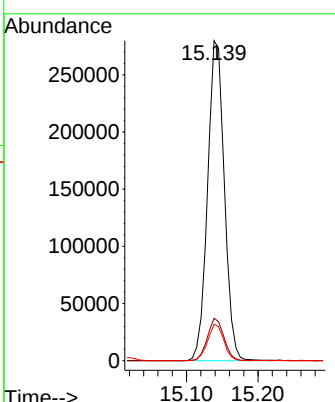
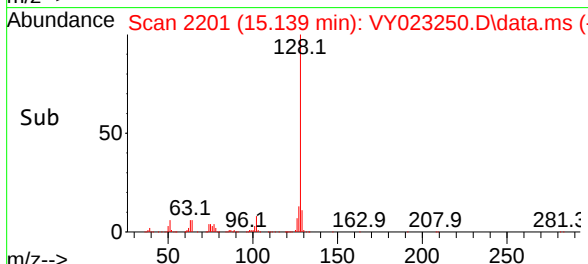
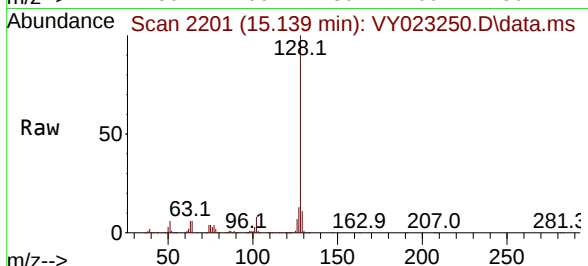


#95
 Naphthalene
 Concen: 52.151 ug/l
 RT: 15.139 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:128 Resp: 456072

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	9.0	13.4



#96
 1,2,3-Trichlorobenzene
 Concen: 53.143 ug/l
 RT: 15.321 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY023250.D
 Acq: 29 Aug 2025 16:15

Tgt Ion:180 Resp: 234854

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	31.8	15.9	47.7

