

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022852.D
 Acq On : 27 Jun 2025 11:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 27 23:13:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	460120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	754723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	647658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	319930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	247498	48.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.640	113	231653	50.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.109	98	947623	52.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.408	95	300791	51.374	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	196762	50.009	ug/l	97
3) Chloromethane	2.068	50	394293	52.481	ug/l	98
4) Vinyl Chloride	2.208	62	453259	48.289	ug/l	100
5) Bromomethane	2.605	94	389074	52.726	ug/l	97
6) Chloroethane	2.739	64	314352	49.823	ug/l	96
7) Trichlorofluoromethane	3.062	101	490750	47.218	ug/l	98
8) Diethyl Ether	3.458	74	136633	53.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	247952	52.204	ug/l	98
10) Methyl Iodide	4.013	142	291332	56.336	ug/l	99
11) Tert butyl alcohol	4.897	59	70006	205.015	ug/l #	73
12) 1,1-Dichloroethene	3.800	96	246031	52.827	ug/l	97
13) Acrolein	3.659	56	105336	227.491	ug/l	100
14) Allyl chloride	4.391	41	381542	53.262	ug/l	95
15) Acrylonitrile	5.068	53	261236	243.913	ug/l	99
16) Acetone	3.885	43	278488	286.914	ug/l	99
17) Carbon Disulfide	4.110	76	775055	51.514	ug/l	100
18) Methyl Acetate	4.391	43	138152	42.979	ug/l	97
19) Methyl tert-butyl Ether	5.129	73	651700	51.391	ug/l	98
20) Methylene Chloride	4.623	84	303171	49.459	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	279841	52.574	ug/l	97
22) Diisopropyl ether	6.025	45	843003	52.990	ug/l	98
23) Vinyl Acetate	5.970	43	2334095	265.656	ug/l	99
24) 1,1-Dichloroethane	5.921	63	514011	53.491	ug/l	100
25) 2-Butanone	6.903	43	358160	253.532	ug/l	100
26) 2,2-Dichloropropane	6.890	77	459223	57.011	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	325131	52.567	ug/l	98
28) Bromochloromethane	7.250	49	193428	47.880	ug/l	93
29) Tetrahydrofuran	7.274	42	213043	238.830	ug/l	99
30) Chloroform	7.427	83	512389	51.771	ug/l	94
31) Cyclohexane	7.707	56	455431	51.632	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	455003	53.199	ug/l	99
36) 1,1-Dichloropropene	7.841	75	381589	54.849	ug/l	99
37) Ethyl Acetate	6.988	43	146653	48.850	ug/l #	98
38) Carbon Tetrachloride	7.823	117	401168	54.650	ug/l	98
39) Methylcyclohexane	9.116	83	506252	56.230	ug/l	100
40) Benzene	8.085	78	1160931	54.275	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	85657	46.347	ug/l	97
42) 1,2-Dichloroethane	8.165	62	307091	52.392	ug/l	99
43) Isopropyl Acetate	8.207	43	314275	50.368	ug/l	97
44) Trichloroethene	8.872	130	287473	53.529	ug/l	100
45) 1,2-Dichloropropane	9.146	63	268195	53.573	ug/l	95
46) Dibromomethane	9.238	93	147595	51.936	ug/l	97
47) Bromodichloromethane	9.427	83	392353	53.540	ug/l	99
48) Methyl methacrylate	9.225	41	155339	51.787	ug/l	93
49) 1,4-Dioxane	9.244	88	28555	850.470	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	799838	252.254	ug/l	94
52) Toluene	10.176	92	747939	55.426	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	356934	54.134	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	418765	54.776	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	189791	51.575	ug/l	97
56) Ethyl methacrylate	10.445	69	263457	53.214	ug/l	95
57) 1,3-Dichloropropane	10.719	76	331625	51.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	602327	232.634	ug/l	98
59) 2-Hexanone	10.762	43	570461	264.626	ug/l	97
60) Dibromochloromethane	10.914	129	249840	52.562	ug/l	100
61) 1,2-Dibromoethane	11.018	107	176170	51.159	ug/l	98
64) Tetrachloroethene	10.652	164	320739	52.422	ug/l	99
65) Chlorobenzene	11.444	112	784258	55.109	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	261622	54.277	ug/l	99
67) Ethyl Benzene	11.524	91	1433953	57.349	ug/l	98
68) m/p-Xylenes	11.633	106	1106722	114.501	ug/l	100
69) o-Xylene	11.957	106	521002	57.206	ug/l	99
70) Styrene	11.975	104	867264	56.850	ug/l	99
71) Bromoform	12.133	173	136375	50.812	ug/l #	98
73) Isopropylbenzene	12.255	105	1353825	57.218	ug/l	98
74) N-amyl acetate	12.072	43	289318	54.475	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	198918	52.163	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	287537	88.034	ug/l #	100
77) Bromobenzene	12.536	156	291644	54.380	ug/l	99
78) n-propylbenzene	12.597	91	1647162	57.659	ug/l	99
79) 2-Chlorotoluene	12.682	91	915158	56.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1100569	57.619	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	70688	54.677	ug/l	98
82) 4-Chlorotoluene	12.780	91	937032	55.271	ug/l	99
83) tert-Butylbenzene	12.999	119	972388	57.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1096265	57.326	ug/l	99
85) sec-Butylbenzene	13.176	105	1470667	58.026	ug/l	99
86) p-Isopropyltoluene	13.292	119	1225077	58.084	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	595697	55.305	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	582146	54.410	ug/l	100
89) n-Butylbenzene	13.621	91	1152458	58.089	ug/l	98
90) Hexachloroethane	13.883	117	232705	55.395	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	508692	53.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31568	48.816	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	277456	51.771	ug/l	97
94) Hexachlorobutadiene	15.029	225	155100	51.179	ug/l	98
95) Naphthalene	15.145	128	486957	50.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	229649	49.589	ug/l	100

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QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

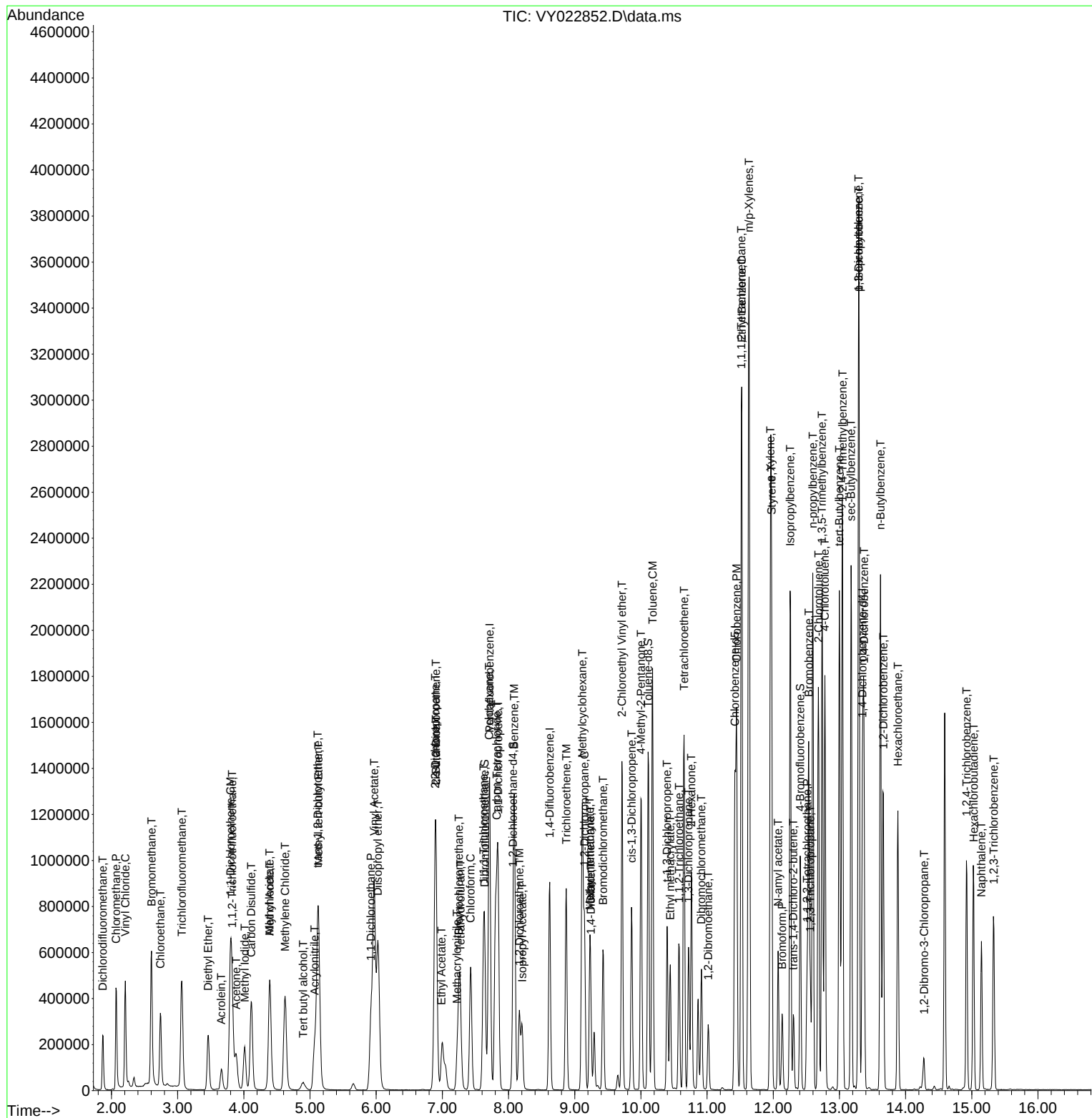
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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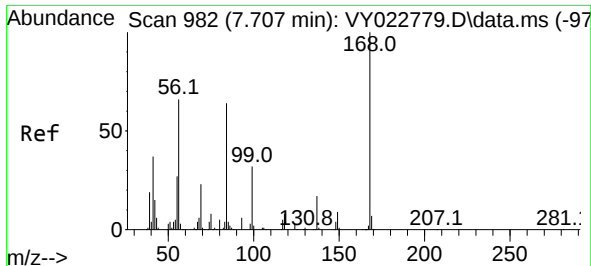
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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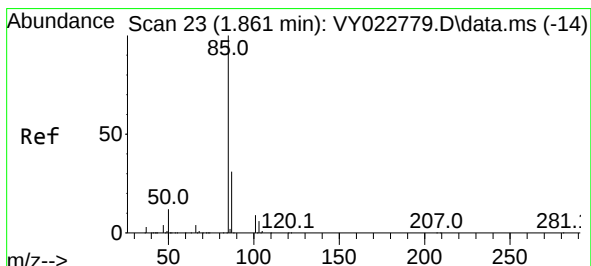
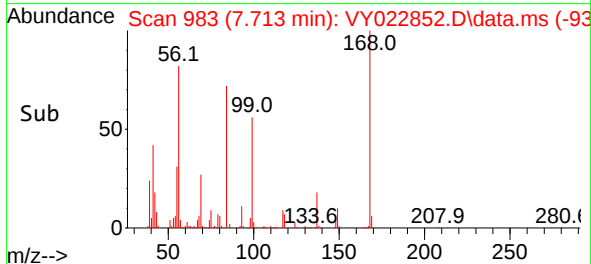
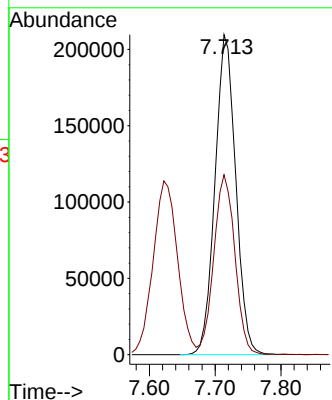
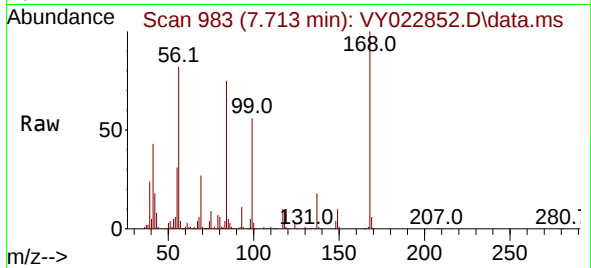




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022852.D
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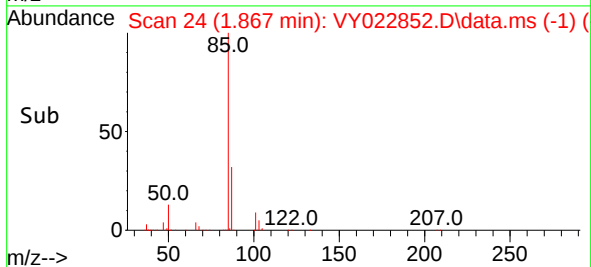
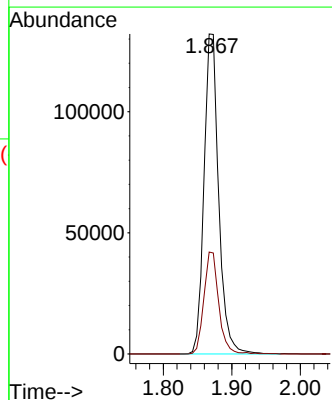
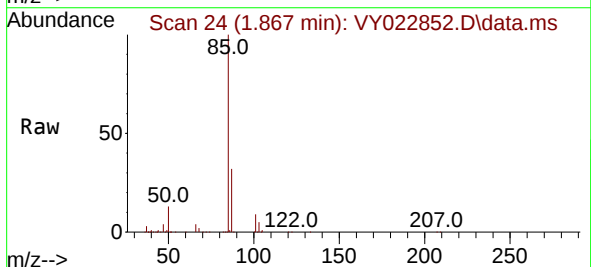
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

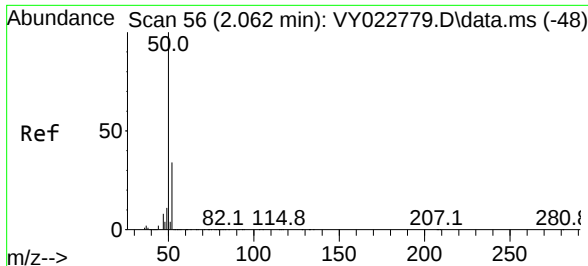
Tgt Ion:168 Resp: 460120
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 50.009 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 85 Resp: 196762
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

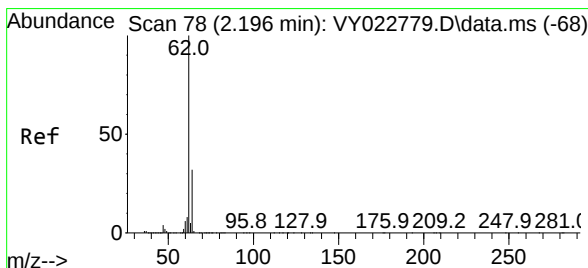
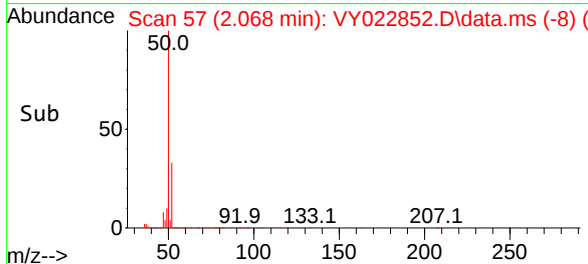
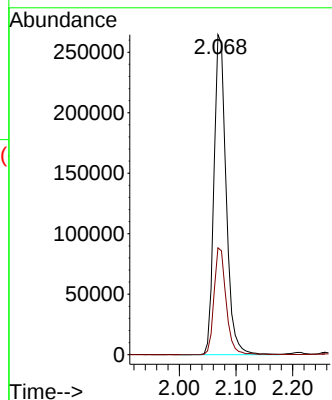
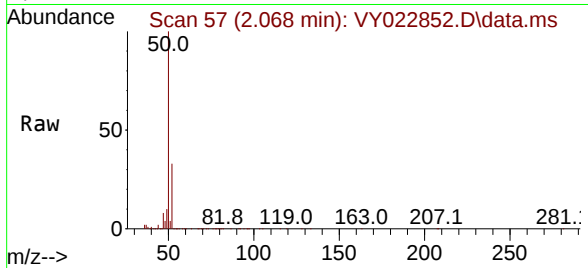




#3
Chloromethane
Concen: 52.481 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

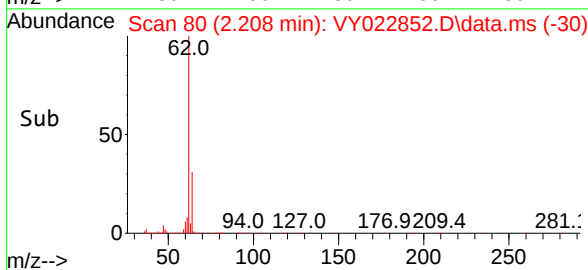
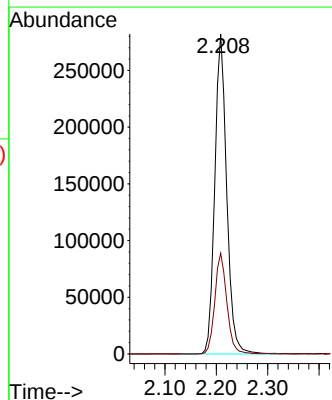
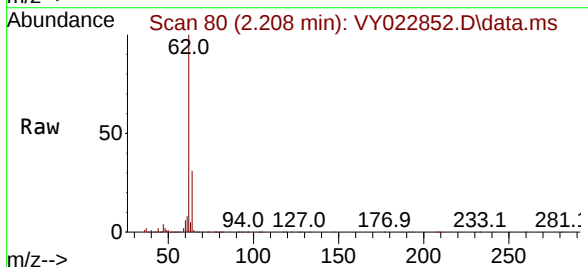
Instrument :
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ClientSampleId :
VSTDCCC050

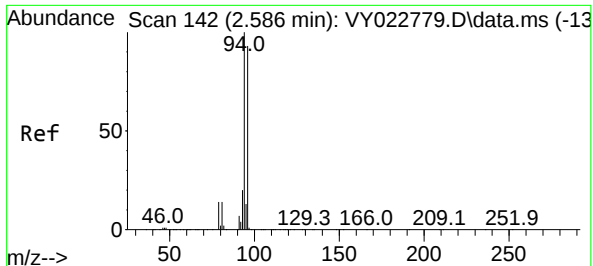
Tgt Ion: 50 Resp: 394293
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 48.289 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 62 Resp: 453259
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

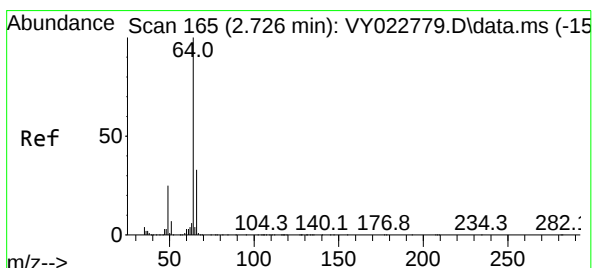
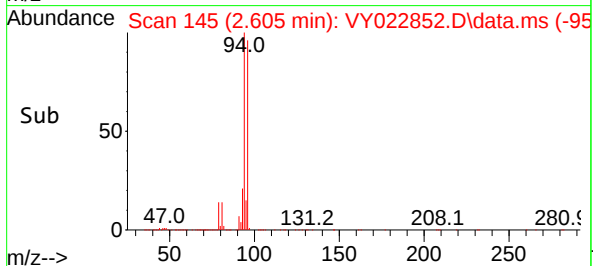
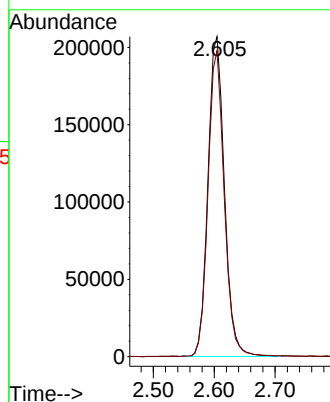
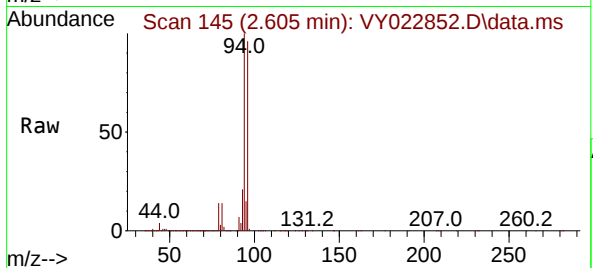




#5
Bromomethane
Concen: 52.726 ug/l
RT: 2.605 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

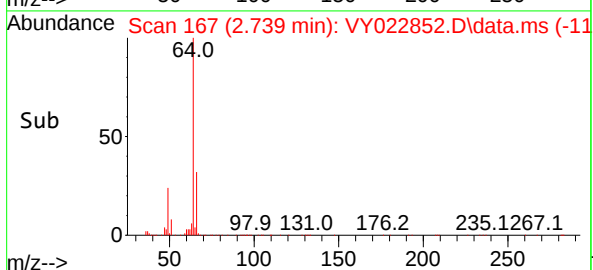
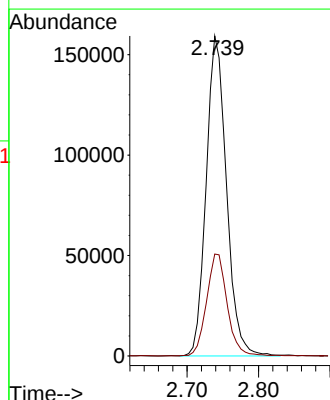
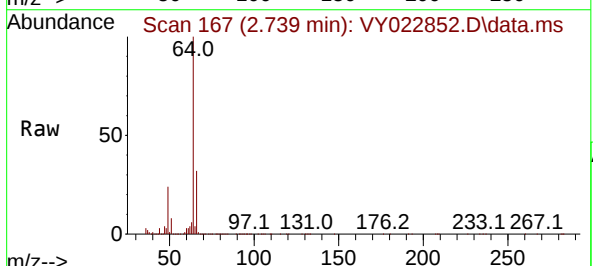
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 389074
Ion Ratio Lower Upper
94 100
96 95.5 74.0 111.0



#6
Chloroethane
Concen: 49.823 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 64 Resp: 314352
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6

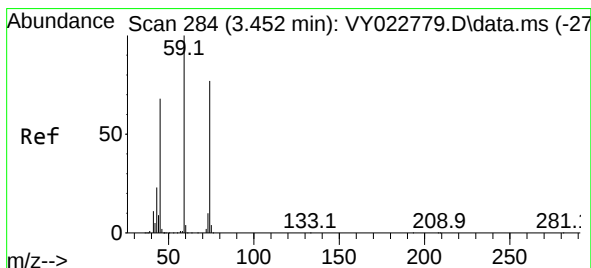
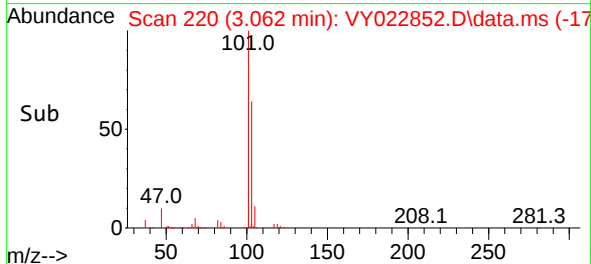
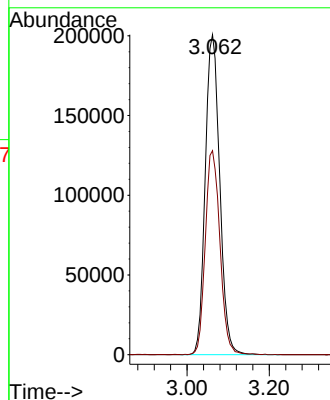
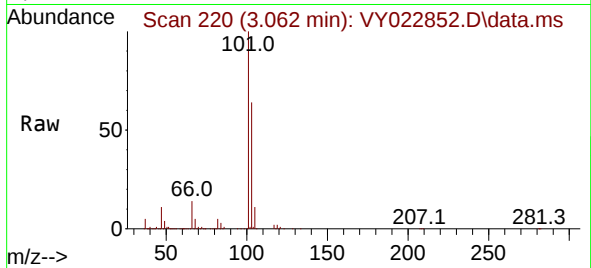




#7
 Trichlorofluoromethane
 Concen: 47.218 ug/l
 RT: 3.062 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

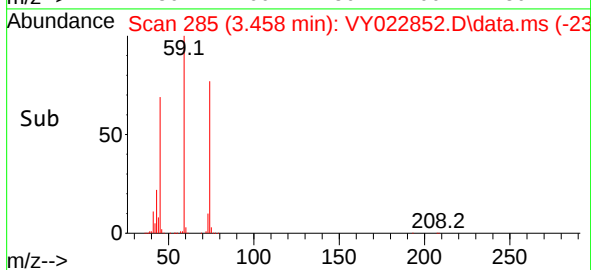
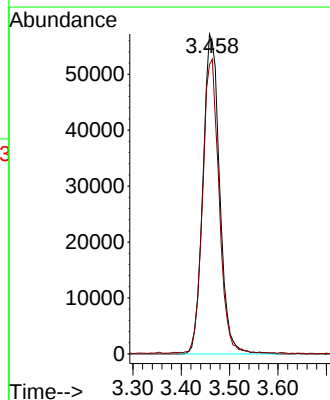
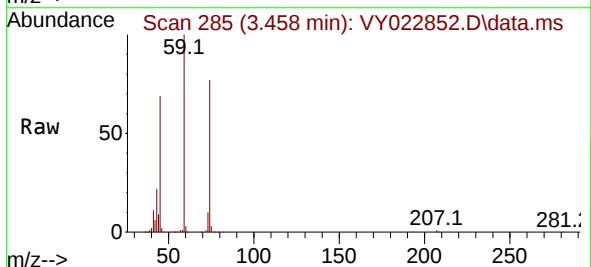
Instrument :
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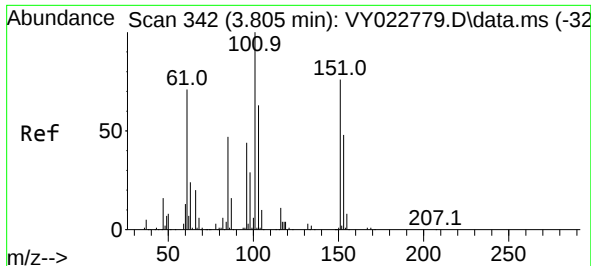
Tgt Ion:101 Resp: 490750
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.2



#8
 Diethyl Ether
 Concen: 53.227 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion: 74 Resp: 136633
 Ion Ratio Lower Upper
 74 100
 45 90.9 45.9 137.6

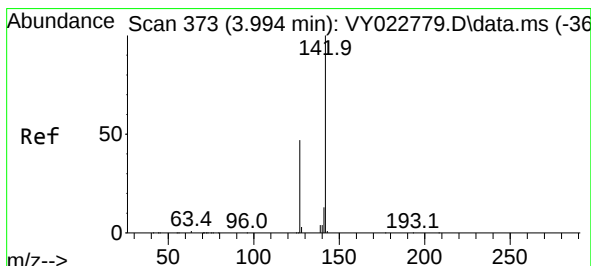
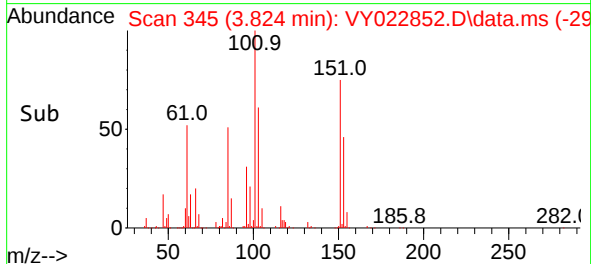
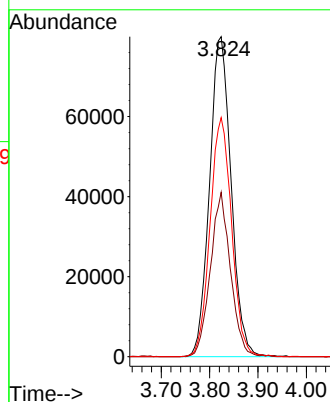
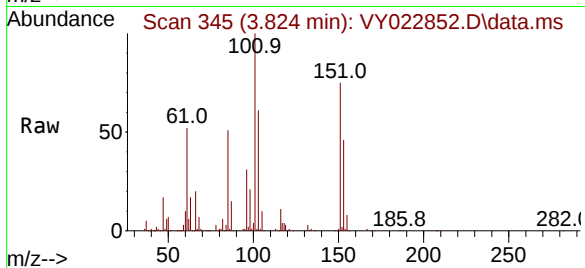




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.204 ug/l
RT: 3.824 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

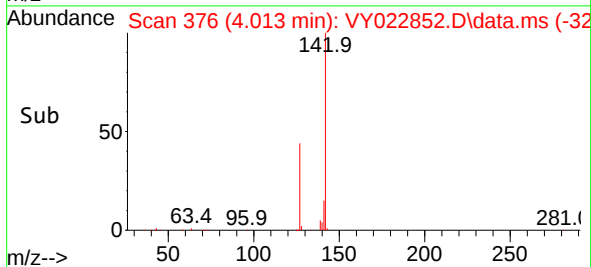
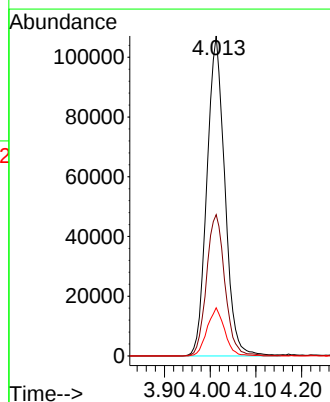
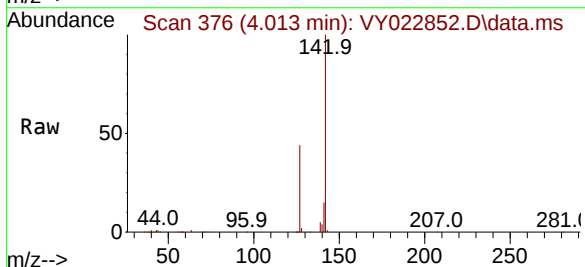
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 247952
Ion Ratio Lower Upper
101 100
85 47.9 39.3 58.9
151 74.7 57.8 86.8



#10
Methyl Iodide
Concen: 56.336 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion:142 Resp: 291332
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.8 11.4 17.2

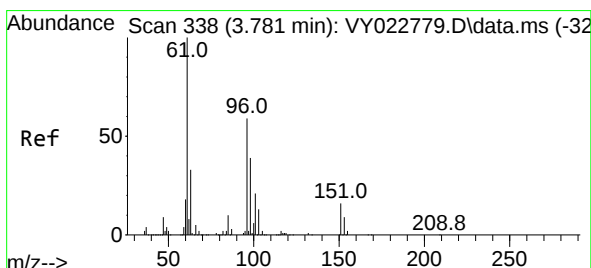
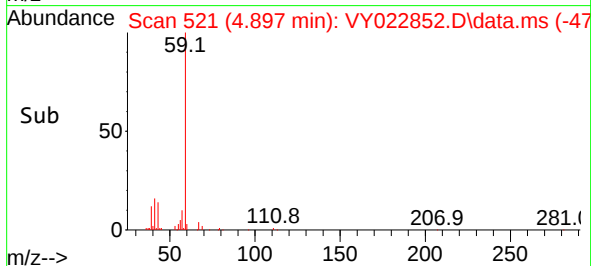
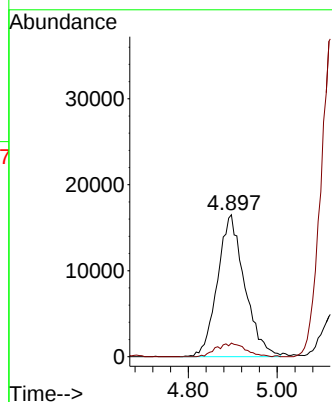
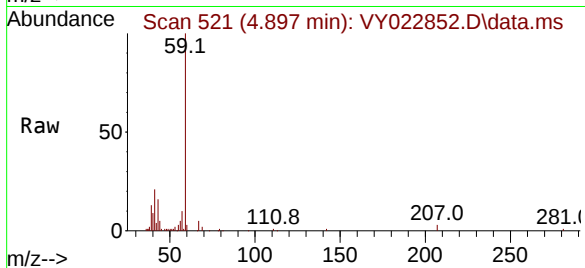




#11
Tert butyl alcohol
Concen: 205.015 ug/l
RT: 4.897 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

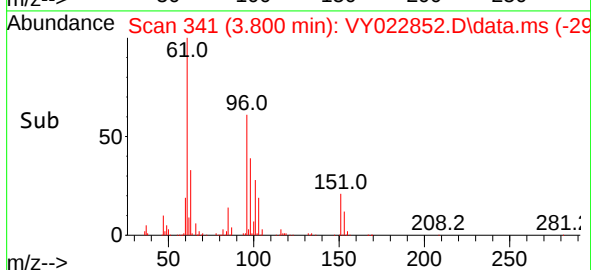
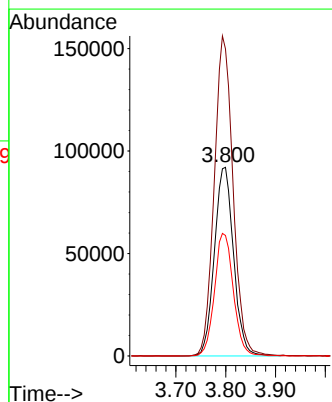
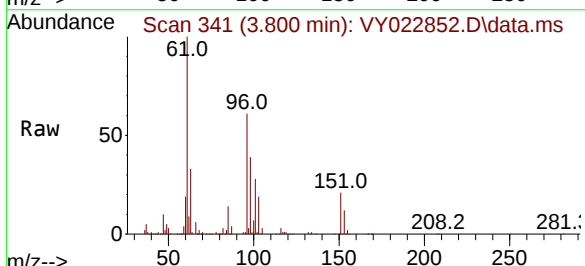
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

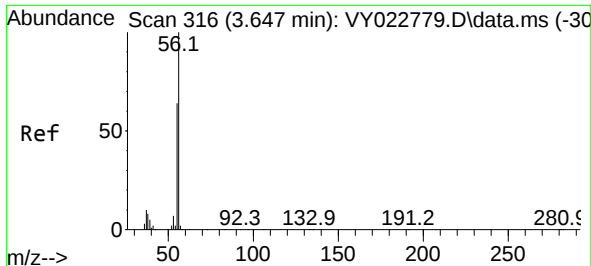
Tgt Ion: 59 Resp: 70006
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 52.827 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 96 Resp: 246031
Ion Ratio Lower Upper
96 100
61 162.7 134.6 201.8
98 63.9 50.2 75.4

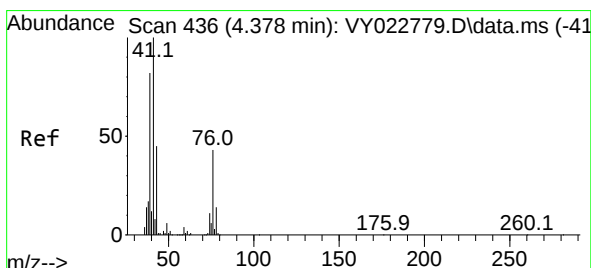
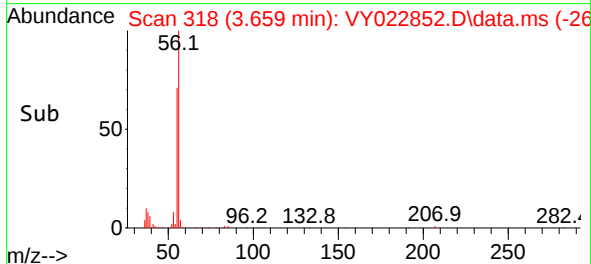
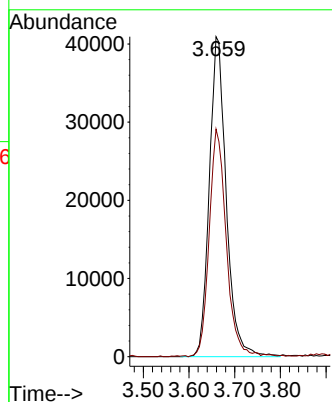
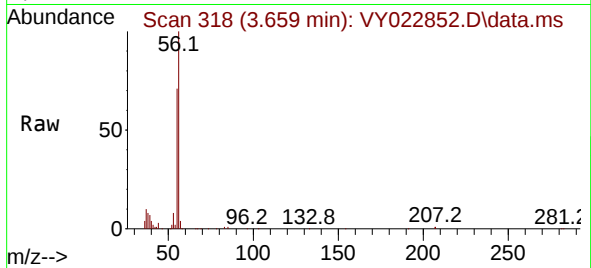




#13
Acrolein
Concen: 227.491 ug/l
RT: 3.659 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

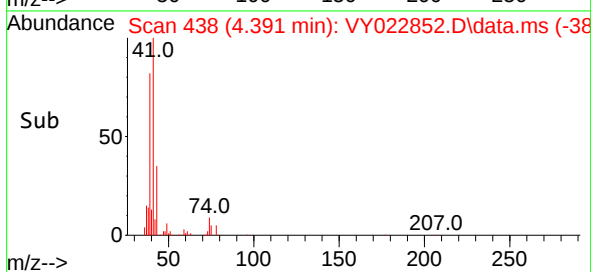
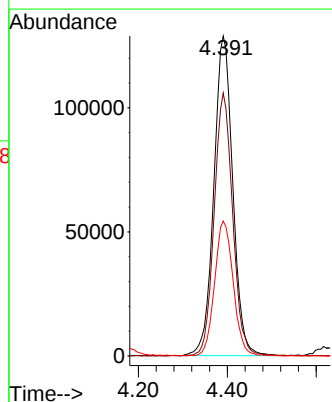
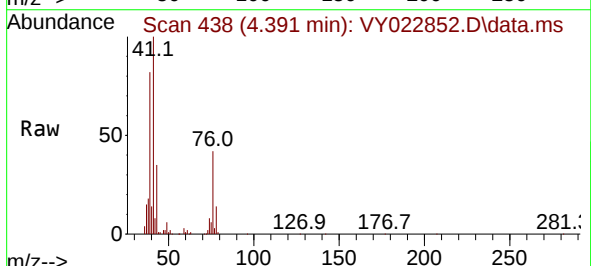
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

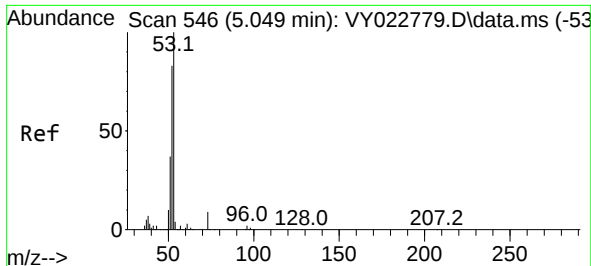
Tgt Ion: 56 Resp: 105336
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.6



#14
Allyl chloride
Concen: 53.262 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 41 Resp: 381542
Ion Ratio Lower Upper
41 100
39 80.5 69.1 103.7
76 41.6 33.5 50.3

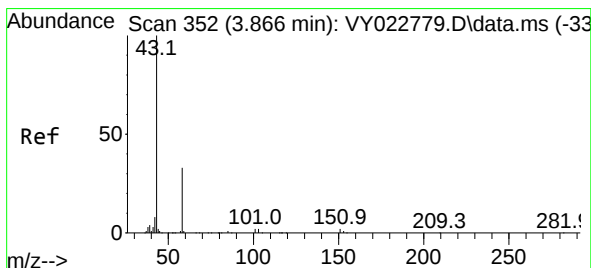
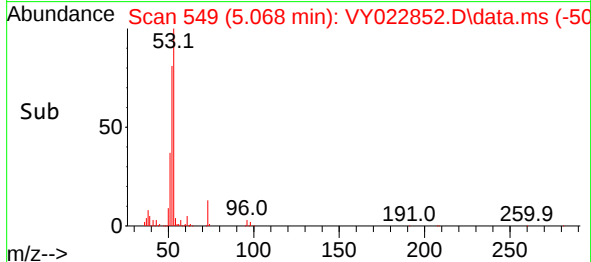
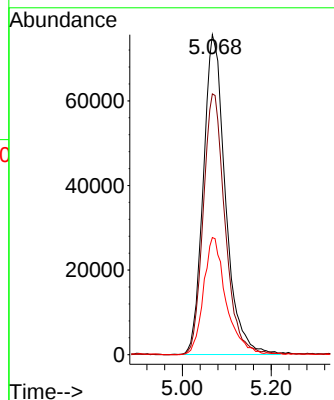
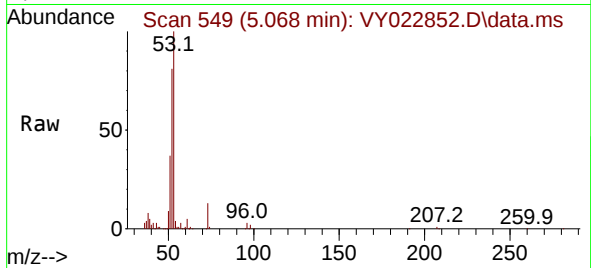




#15
Acrylonitrile
Concen: 243.913 ug/l
RT: 5.068 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

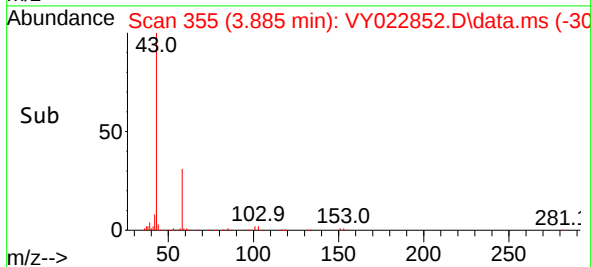
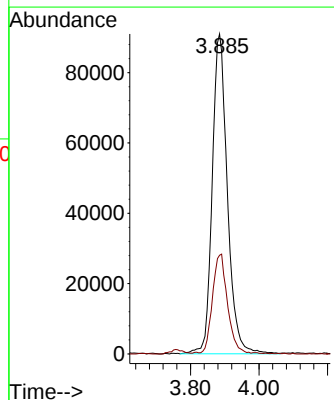
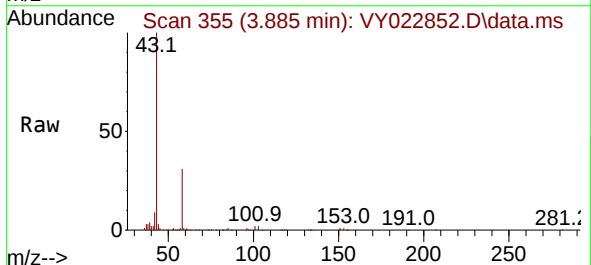
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

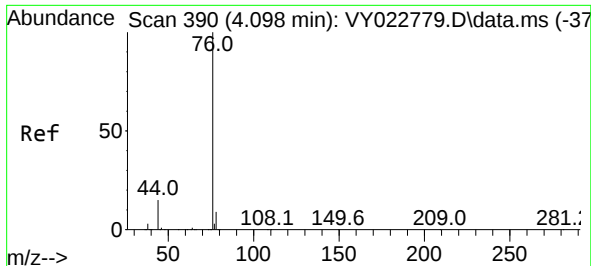
Tgt Ion: 53 Resp: 261236
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 37.6 30.1 45.1



#16
Acetone
Concen: 286.914 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 43 Resp: 278488
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

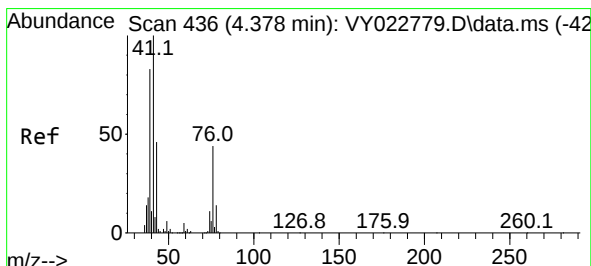
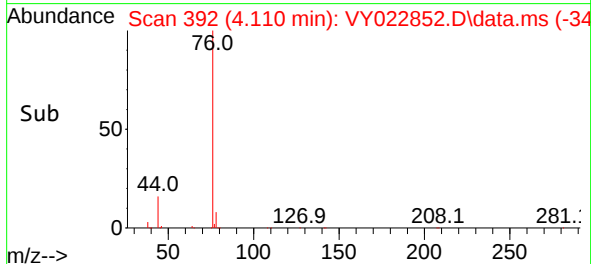
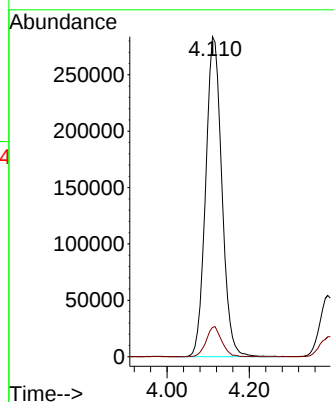
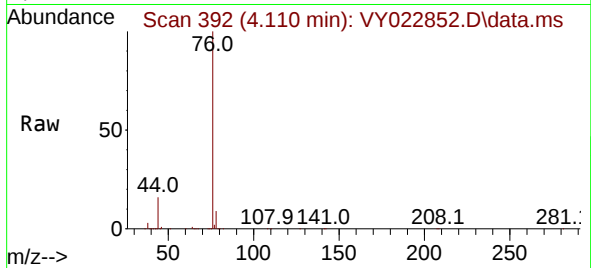




#17
Carbon Disulfide
Concen: 51.514 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

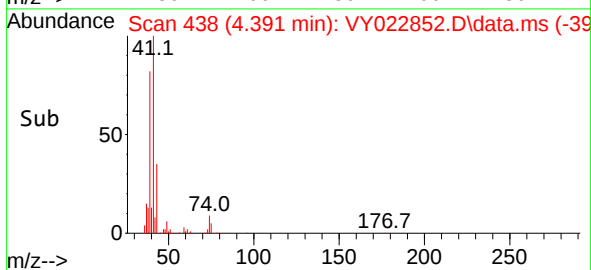
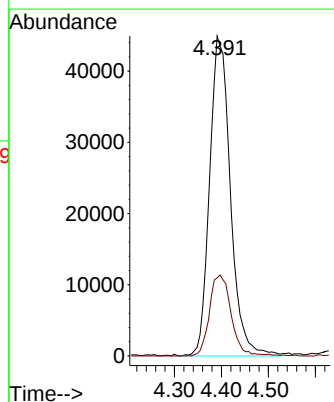
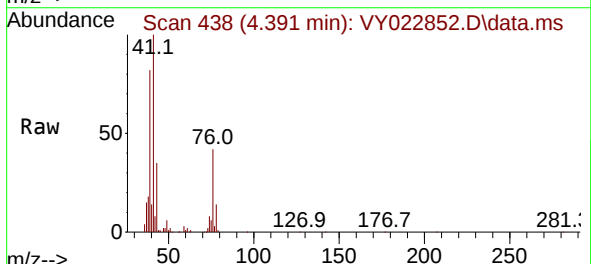
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 775055
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 42.979 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 43 Resp: 138152
Ion Ratio Lower Upper
43 100
74 26.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 51.391 ug/l

RT: 5.129 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

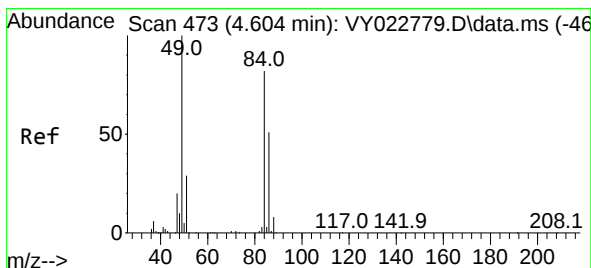
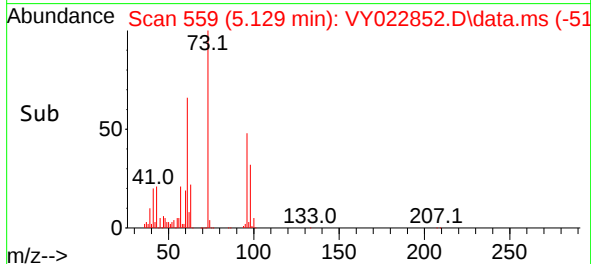
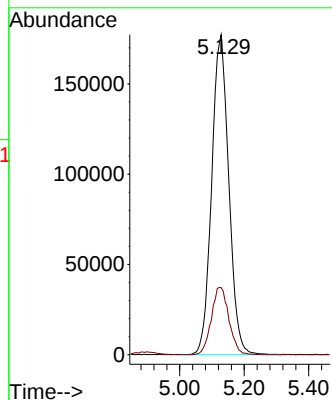
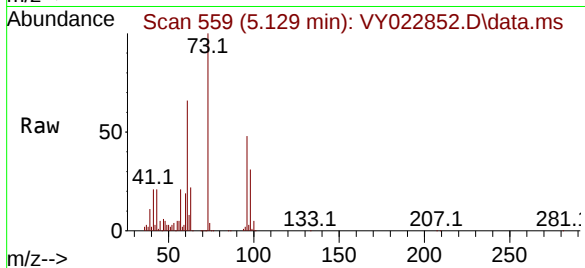
VSTDCCC050

Tgt Ion: 73 Resp: 651700

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.0



#20

Methylene Chloride

Concen: 49.459 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Tgt Ion: 84 Resp: 303171

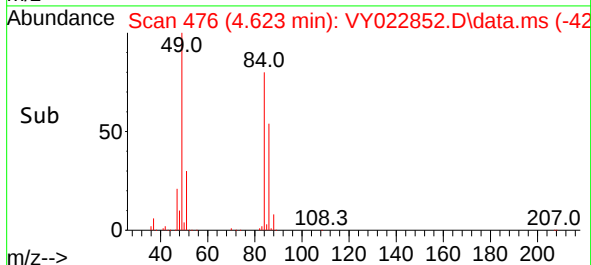
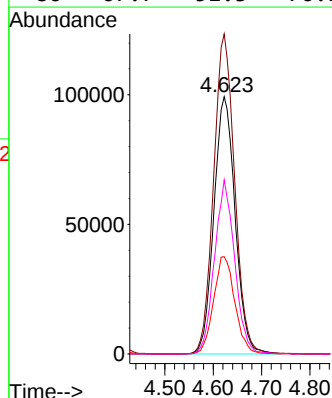
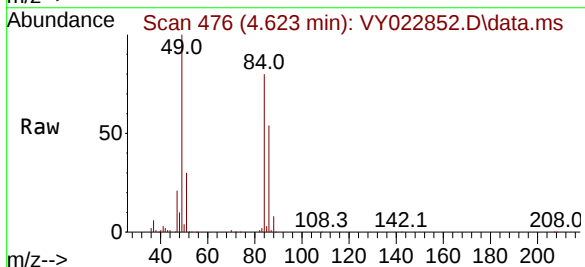
Ion Ratio Lower Upper

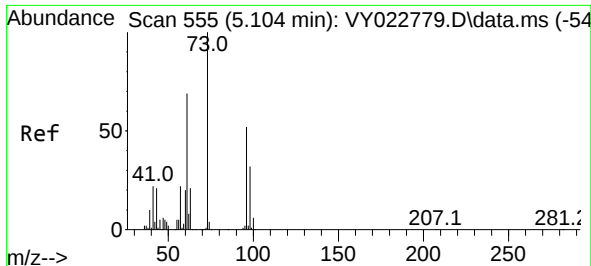
84 100

49 124.4 101.9 152.9

51 37.8 29.8 44.8

86 67.7 51.3 76.9

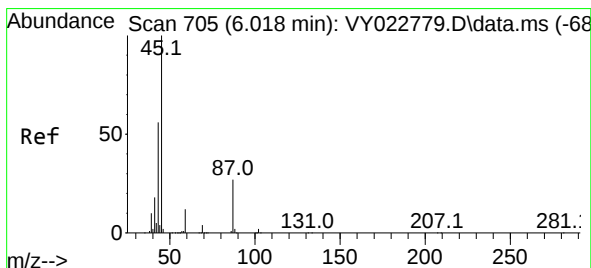
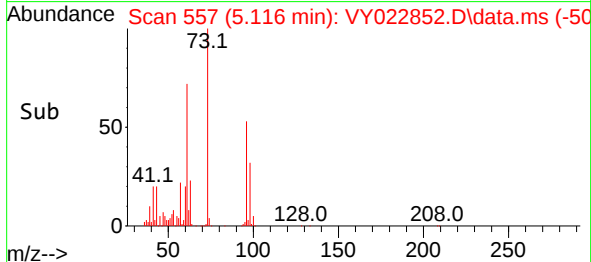
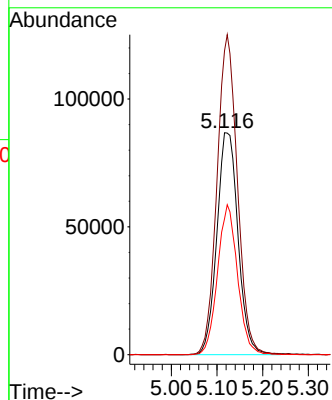
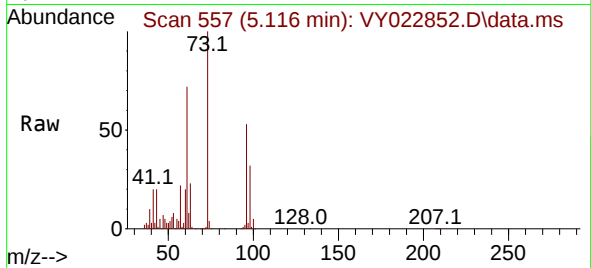




#21
trans-1,2-Dichloroethene
Concen: 52.574 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

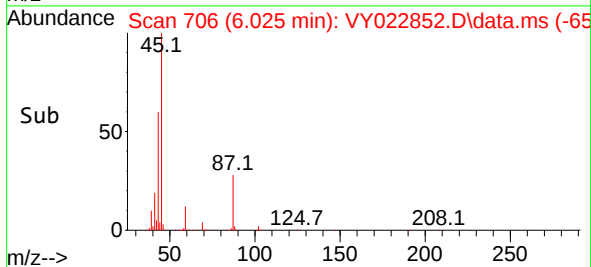
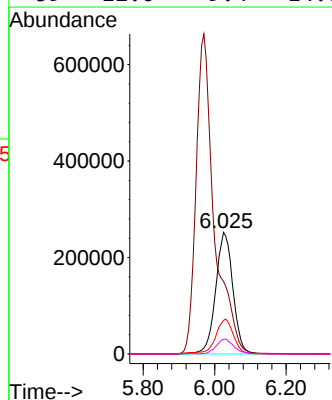
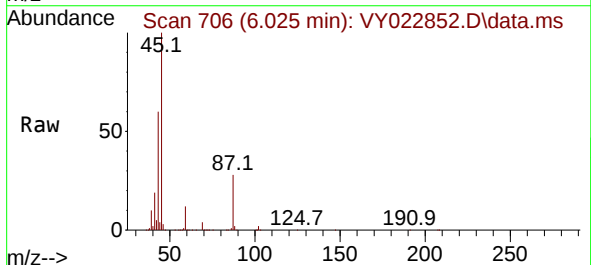
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

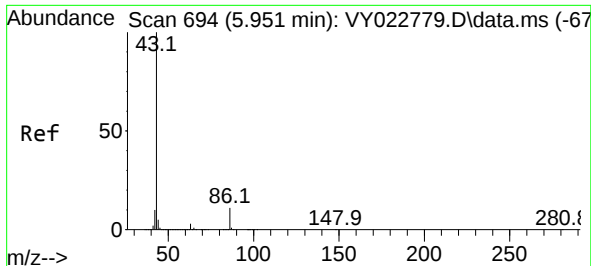
Tgt Ion: 96 Resp: 279841
Ion Ratio Lower Upper
96 100
61 136.9 112.6 169.0
98 61.2 50.6 75.8



#22
Diisopropyl ether
Concen: 52.990 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 45 Resp: 843003
Ion Ratio Lower Upper
45 100
43 59.3 48.3 72.5
87 27.6 23.0 34.6
59 12.0 9.4 14.0

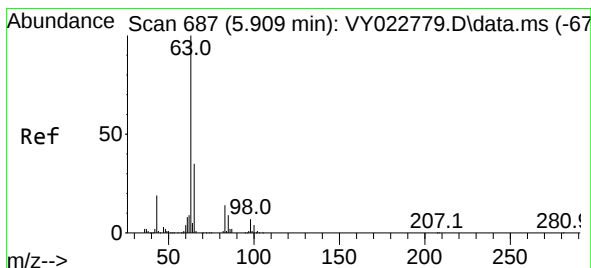
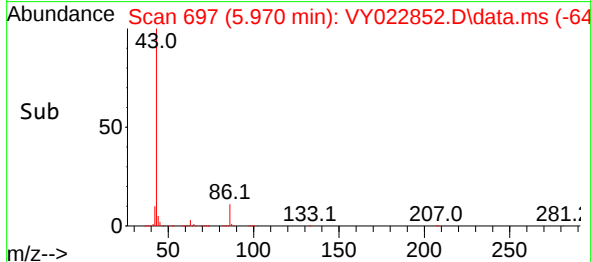
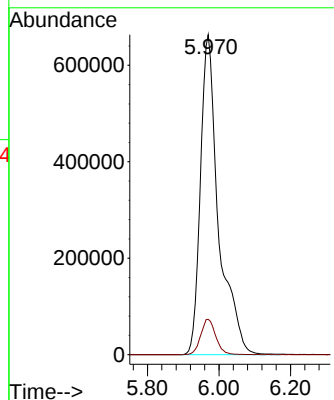
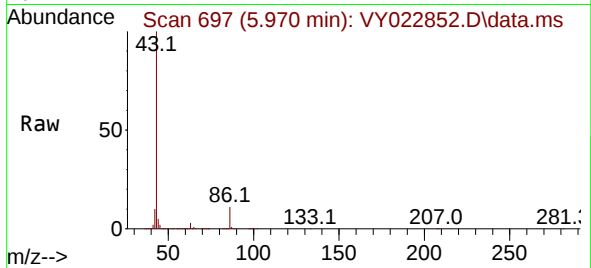




#23
 Vinyl Acetate
 Concen: 265.656 ug/l
 RT: 5.970 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

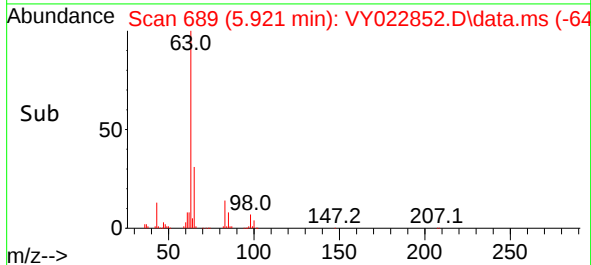
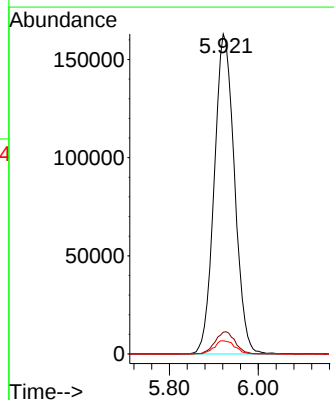
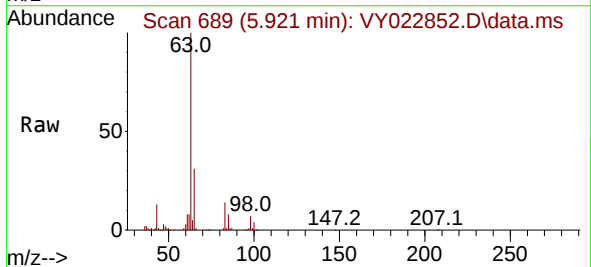
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

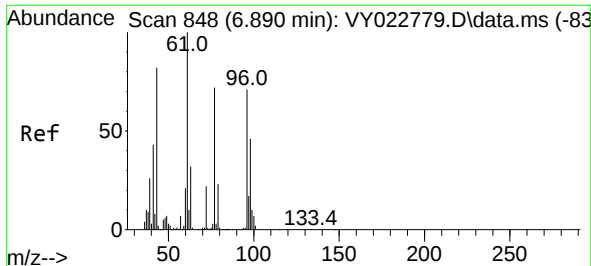
Tgt Ion: 43 Resp: 2334095
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 53.491 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion: 63 Resp: 514011
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 253.532 ug/l

RT: 6.903 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

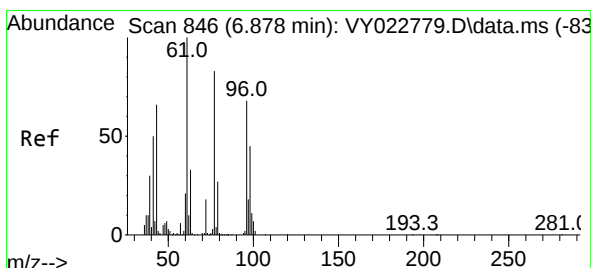
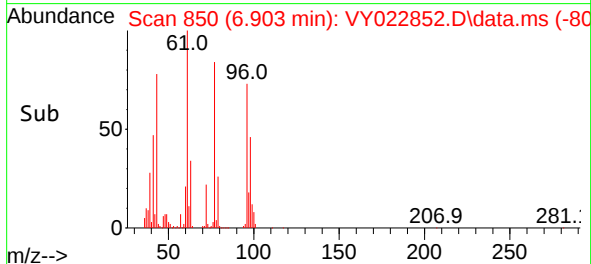
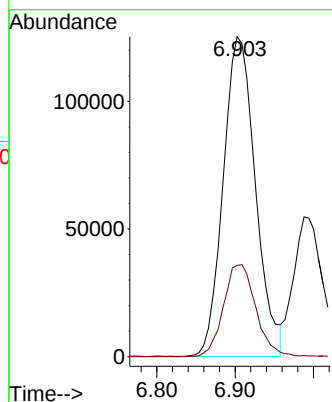
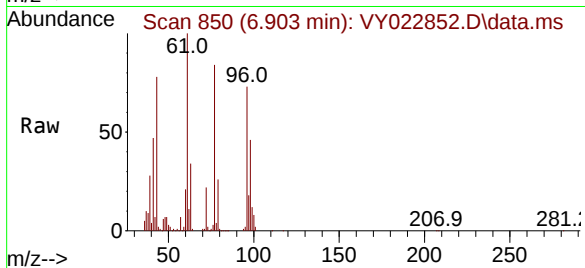
VSTDCCC050

Tgt Ion: 43 Resp: 358160

Ion Ratio Lower Upper

43 100

72 28.6 22.9 34.3



#26

2,2-Dichloropropane

Concen: 57.011 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022852.D

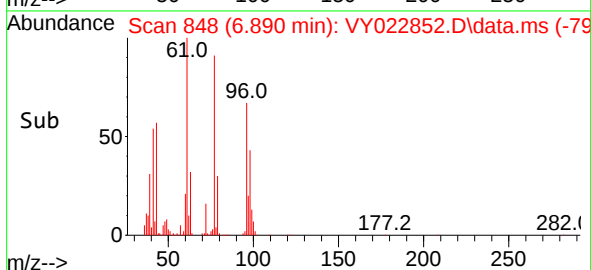
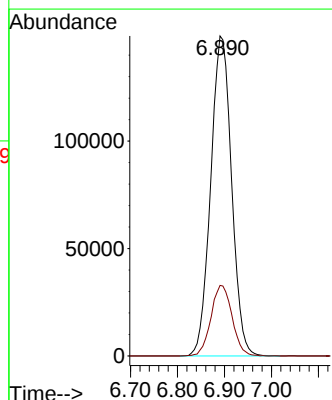
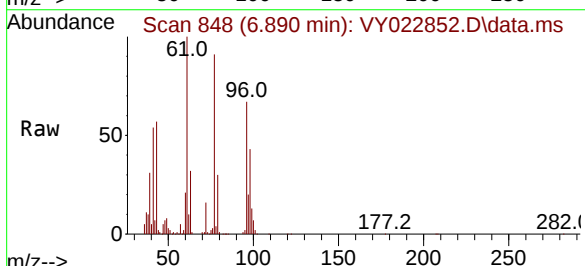
Acq: 27 Jun 2025 11:00

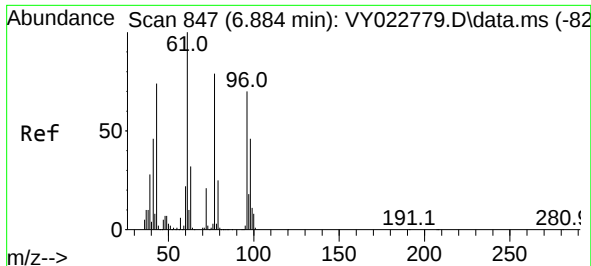
Tgt Ion: 77 Resp: 459223

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2

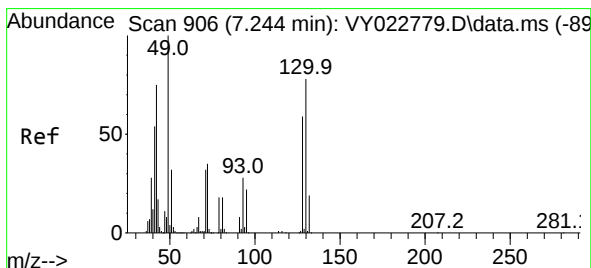
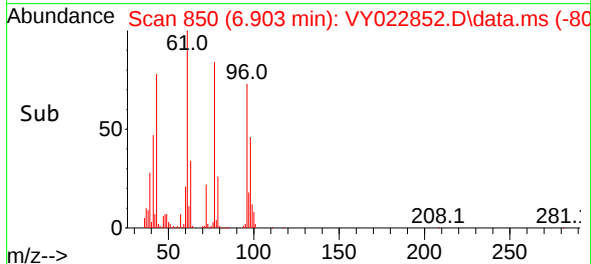
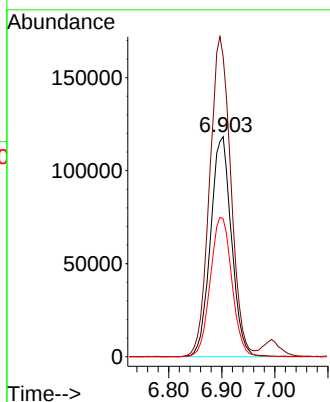
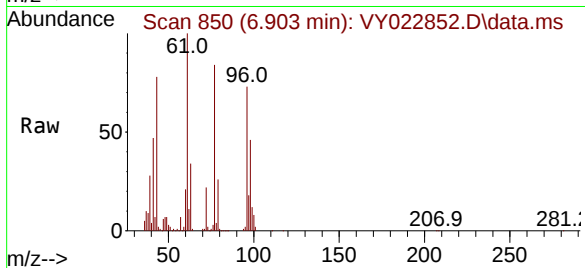




#27
 cis-1,2-Dichloroethene
 Concen: 52.567 ug/l
 RT: 6.903 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

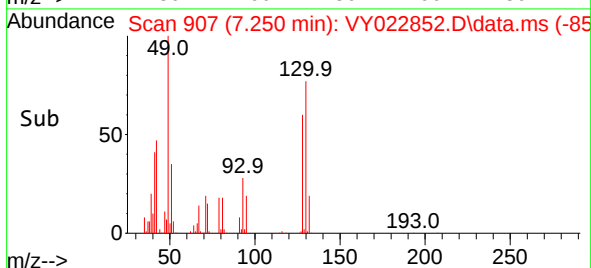
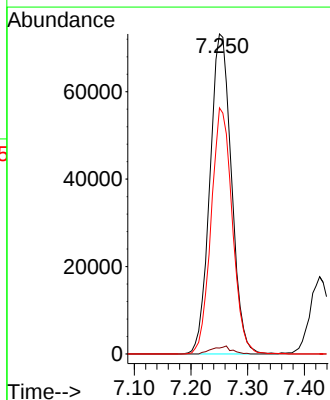
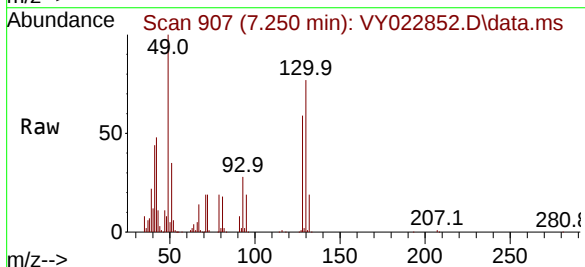
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

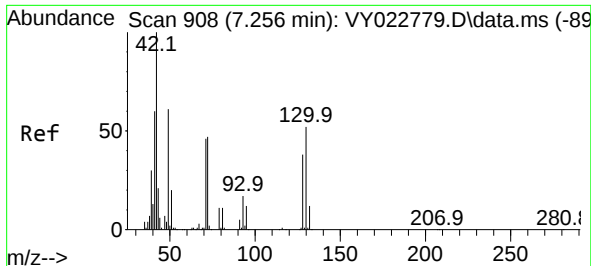
Tgt Ion: 96 Resp: 325131
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 290.0
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 47.880 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion: 49 Resp: 193428
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 75.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 238.830 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

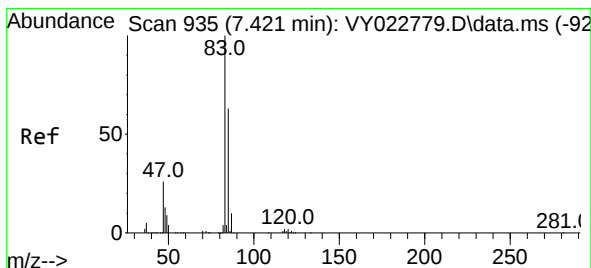
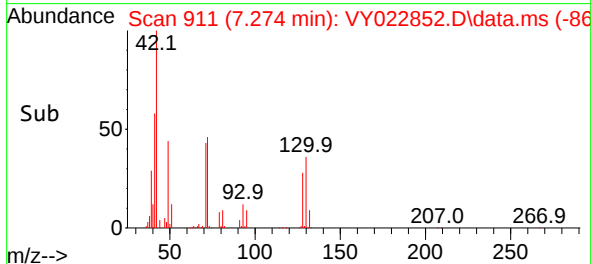
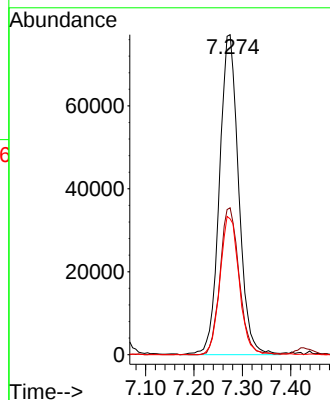
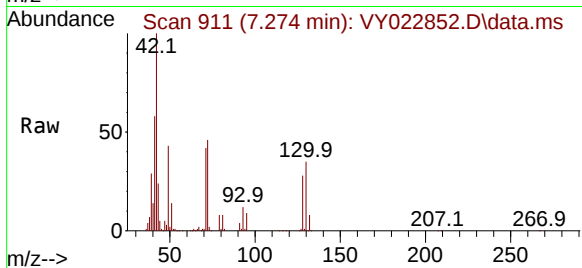
Tgt Ion: 42 Resp: 213043

Ion Ratio Lower Upper

42 100

72 45.8 37.4 56.2

71 43.2 34.2 51.2



#30

Chloroform

Concen: 51.771 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022852.D

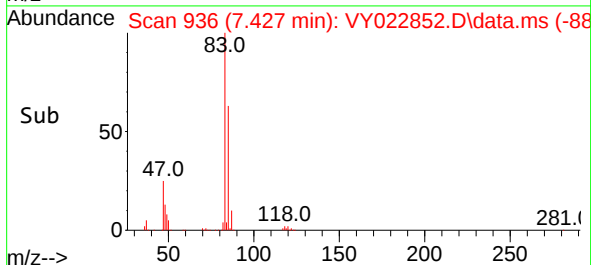
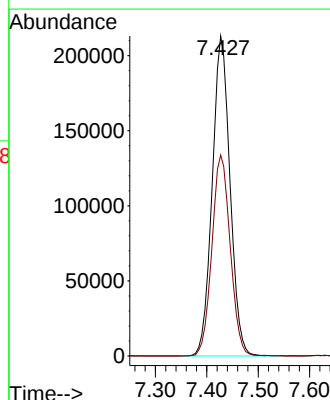
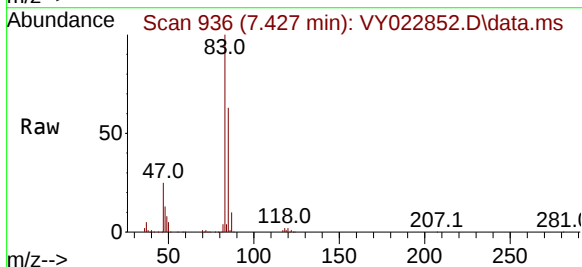
Acq: 27 Jun 2025 11:00

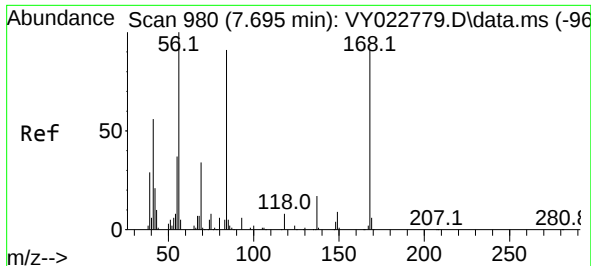
Tgt Ion: 83 Resp: 512389

Ion Ratio Lower Upper

83 100

85 62.8 54.2 81.4

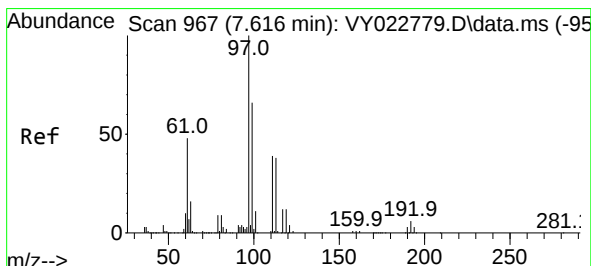
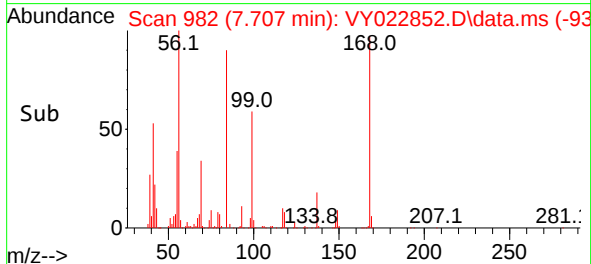
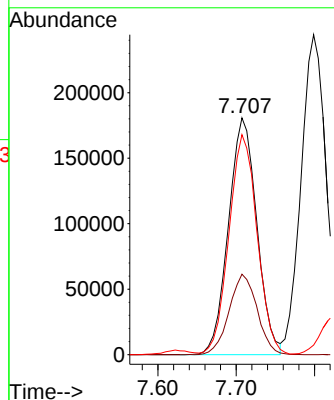
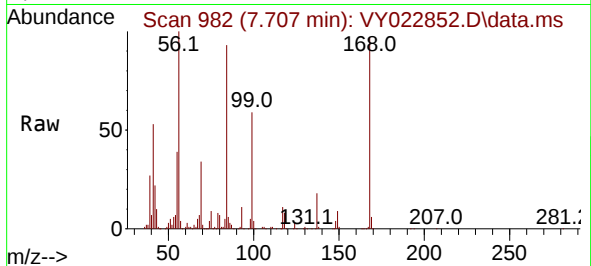




#31
Cyclohexane
Concen: 51.632 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

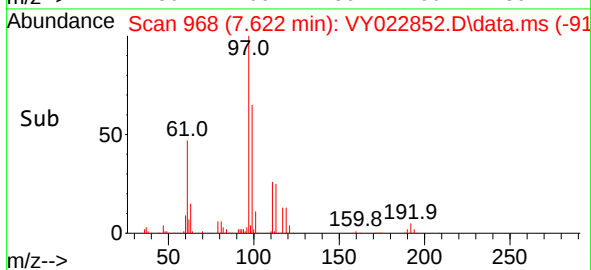
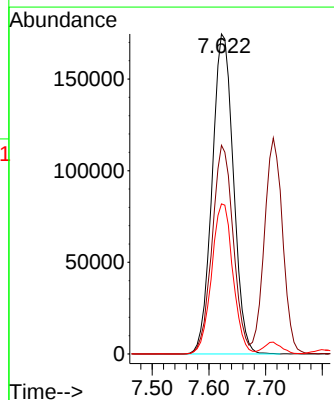
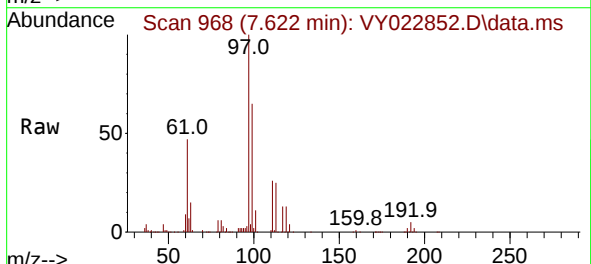
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

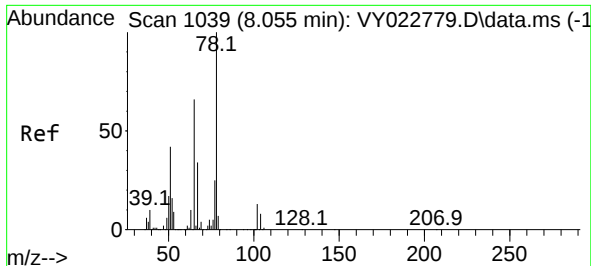
Tgt Ion: 56 Resp: 455431
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 91.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.199 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 97 Resp: 455003
Ion Ratio Lower Upper
97 100
99 64.7 50.9 76.3
61 47.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.194 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

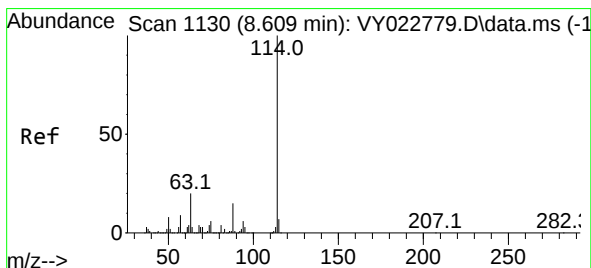
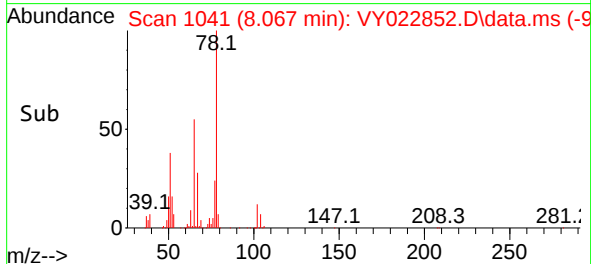
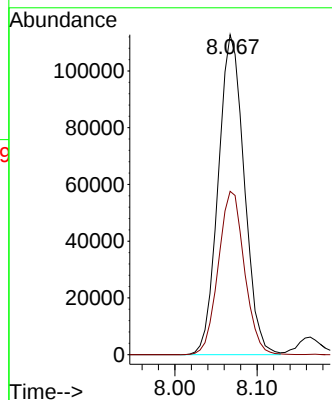
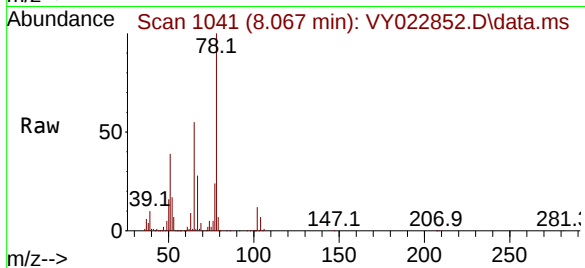
VSTDCCC050

Tgt Ion: 65 Resp: 247498

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

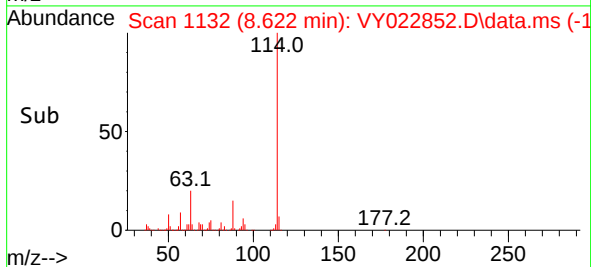
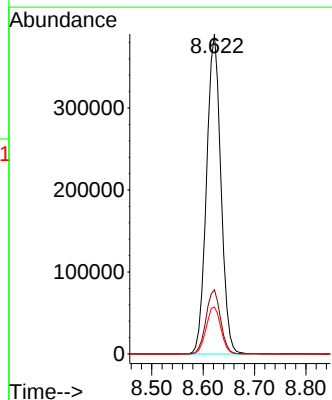
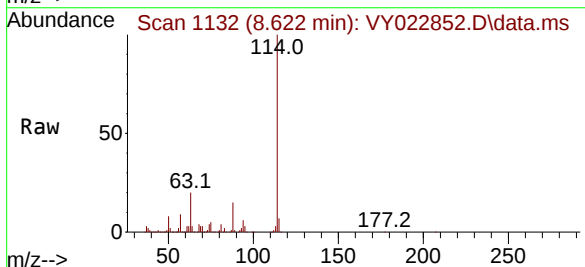
Tgt Ion: 114 Resp: 754723

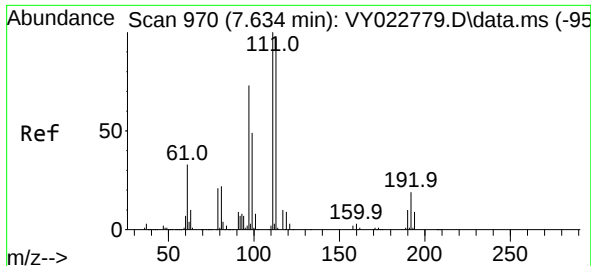
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.7 0.0 27.8

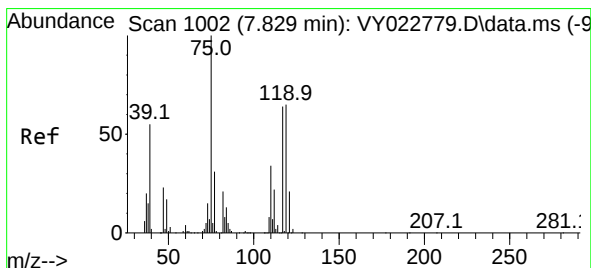
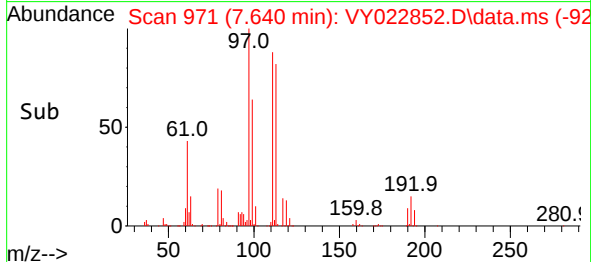
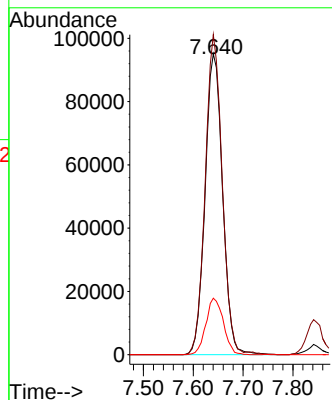
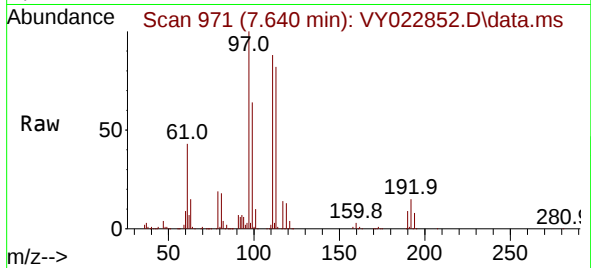




#35
Dibromofluoromethane
Concen: 50.471 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

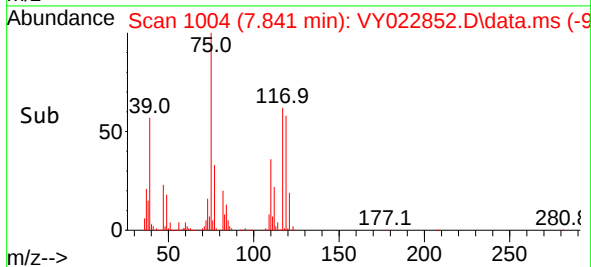
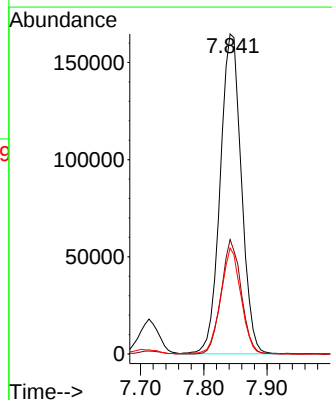
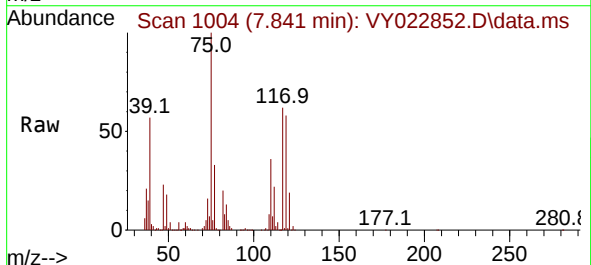
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

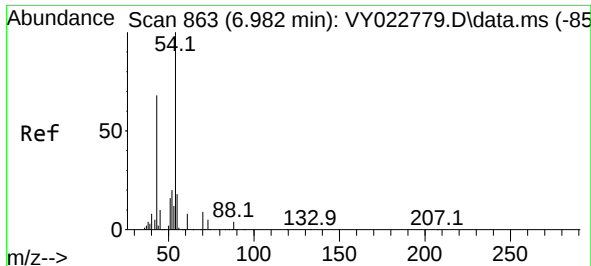
Tgt Ion:113 Resp: 231653
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 18.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 54.849 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 75 Resp: 381589
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 48.850 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

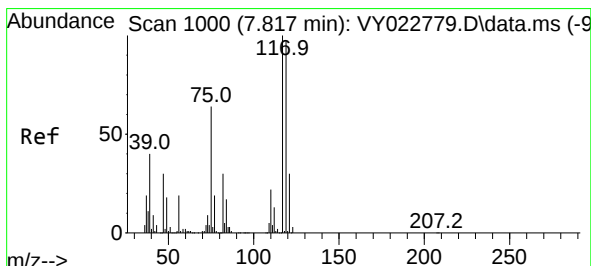
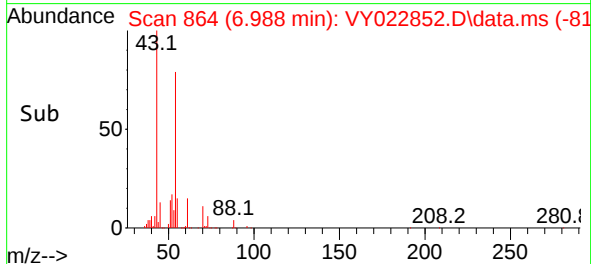
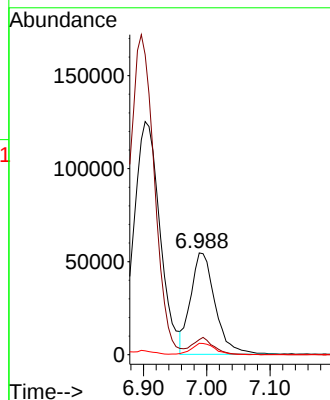
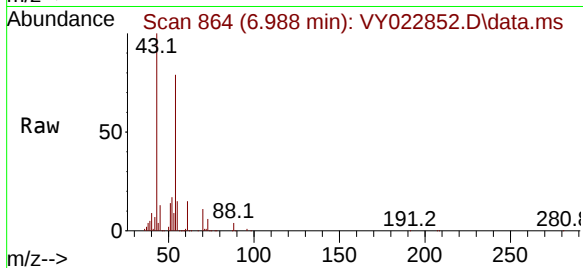
Tgt Ion: 43 Resp: 146653

Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

70 10.9 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 54.650 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

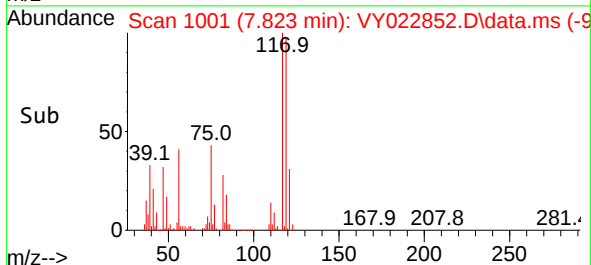
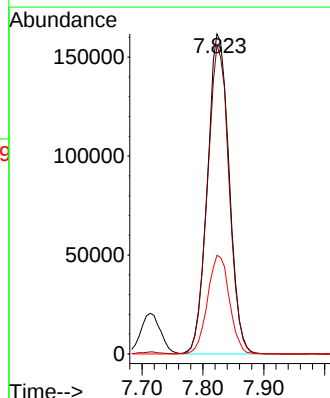
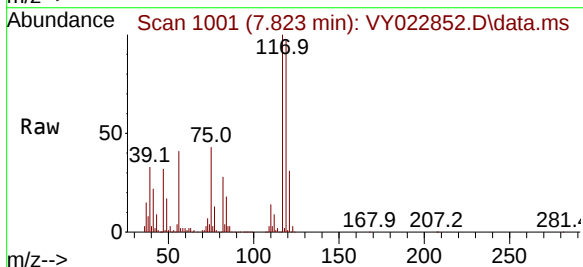
Tgt Ion: 117 Resp: 401168

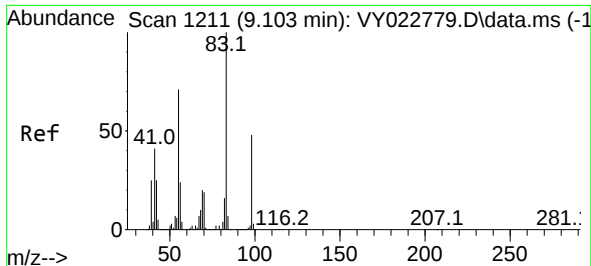
Ion Ratio Lower Upper

117 100

119 96.5 75.0 112.6

121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 56.230 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

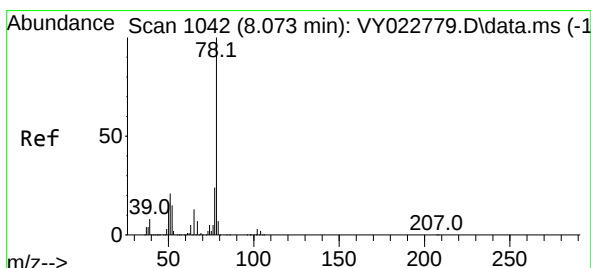
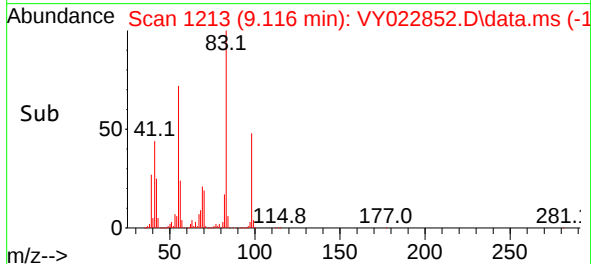
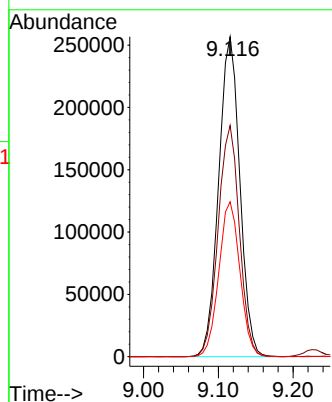
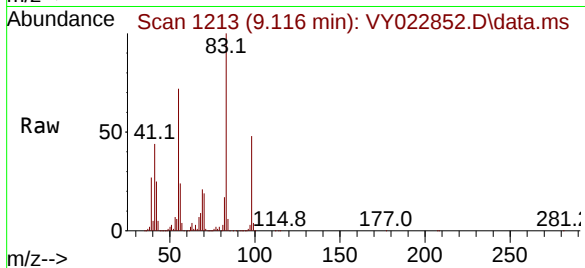
Tgt Ion: 83 Resp: 506252

Ion Ratio Lower Upper

83 100

55 72.2 58.1 87.1

98 48.4 39.0 58.6



#40

Benzene

Concen: 54.275 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022852.D

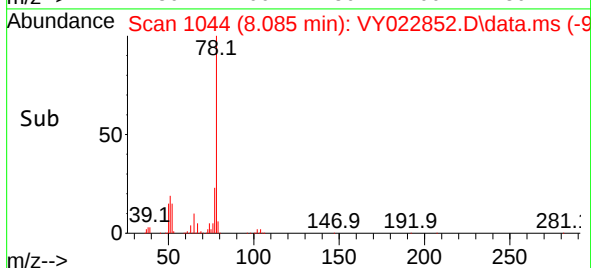
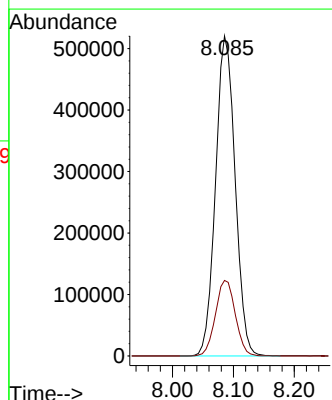
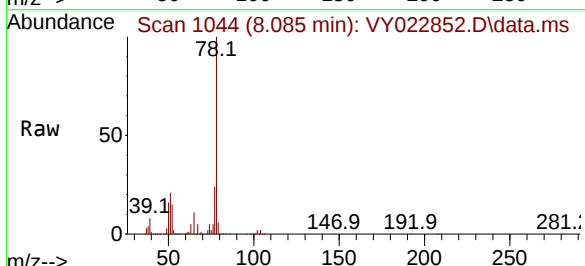
Acq: 27 Jun 2025 11:00

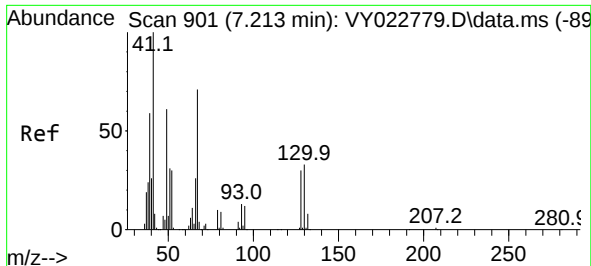
Tgt Ion: 78 Resp: 1160931

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



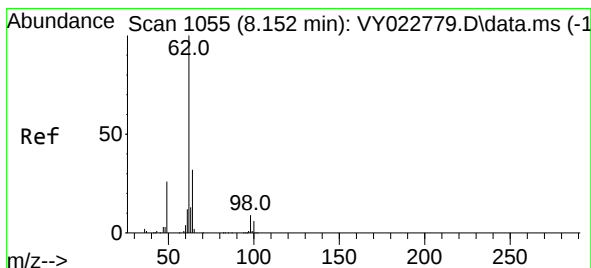
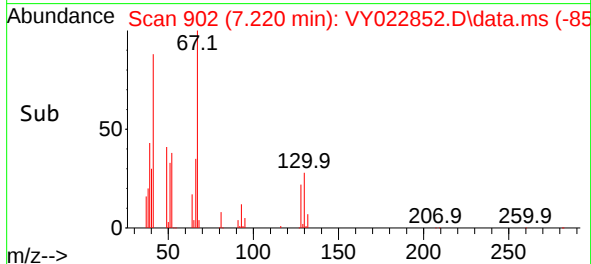
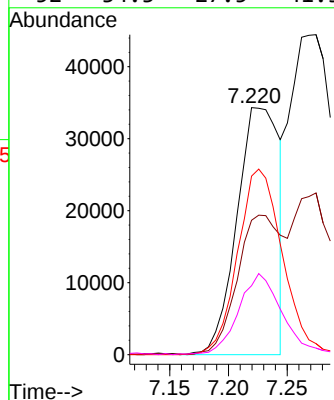
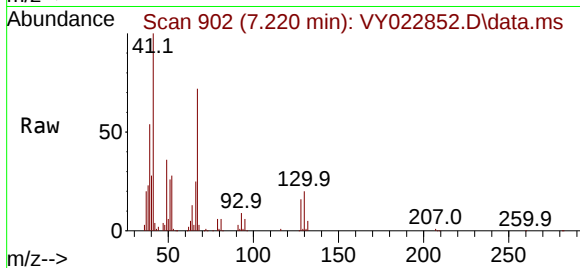


#41
Methacrylonitrile
Concen: 46.347 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 85657

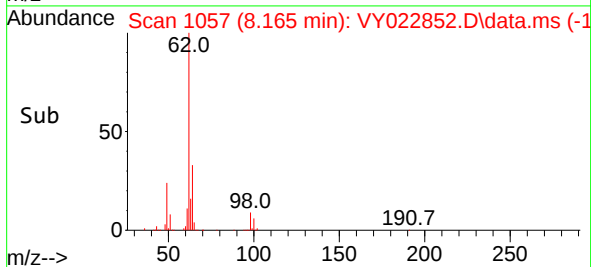
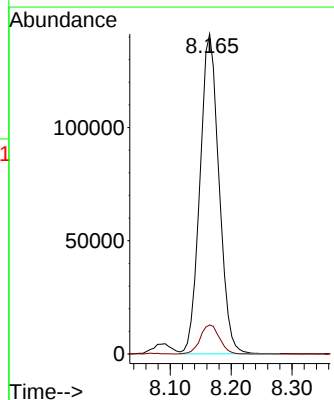
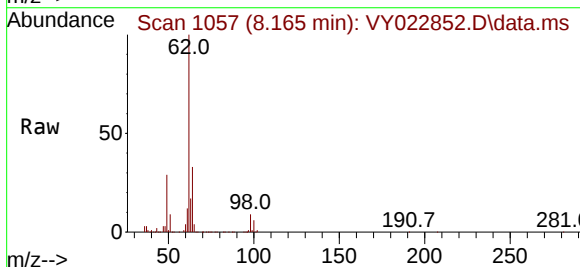
Ion	Ratio	Lower	Upper
41	100		
39	62.7	46.6	69.8
67	80.4	63.3	94.9
52	34.3	27.5	41.3

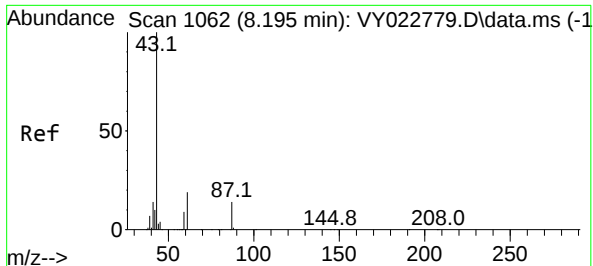


#42
1,2-Dichloroethane
Concen: 52.392 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 62 Resp: 307091

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 50.368 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

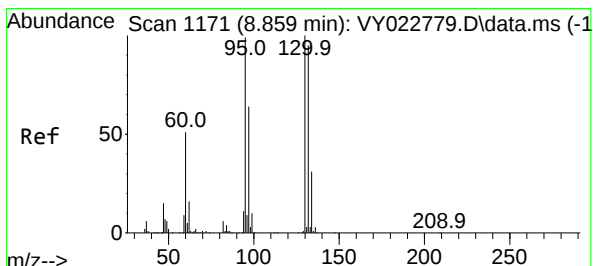
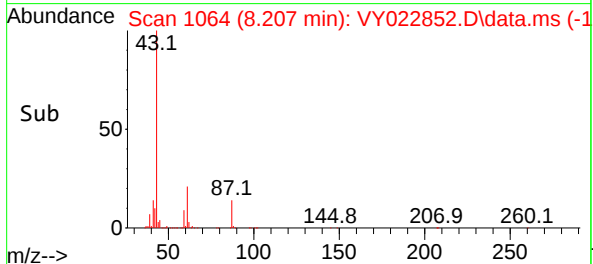
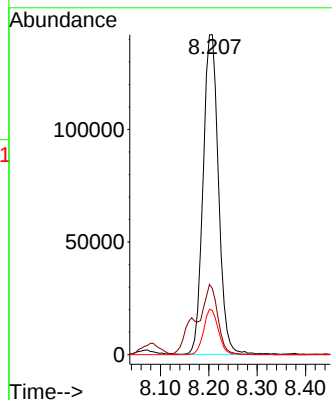
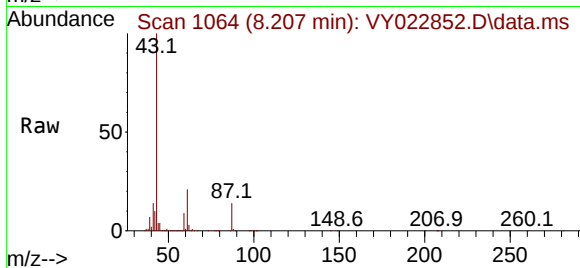
Tgt Ion: 43 Resp: 314275

Ion Ratio Lower Upper

43 100

61 20.9 15.6 23.4

87 13.7 10.2 15.4



#44

Trichloroethene

Concen: 53.529 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022852.D

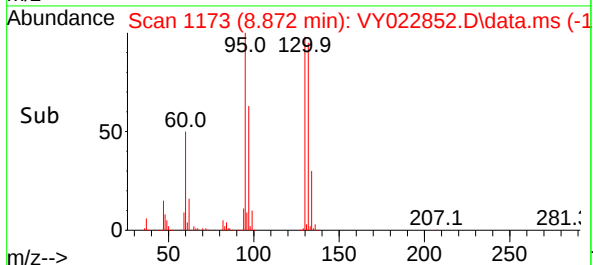
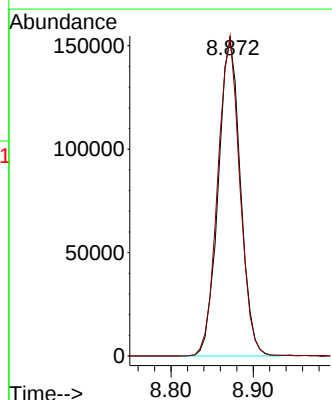
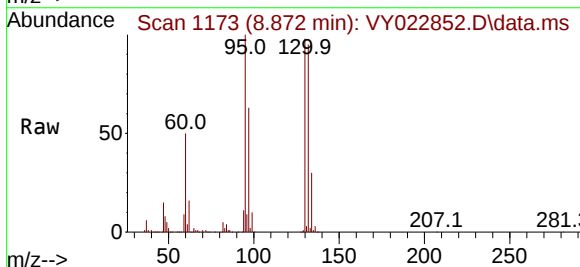
Acq: 27 Jun 2025 11:00

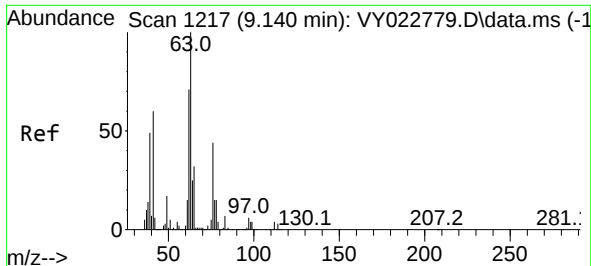
Tgt Ion:130 Resp: 287473

Ion Ratio Lower Upper

130 100

95 101.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 53.573 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

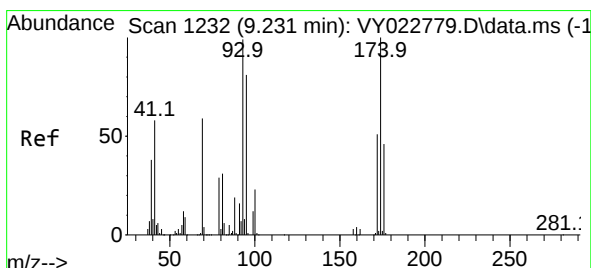
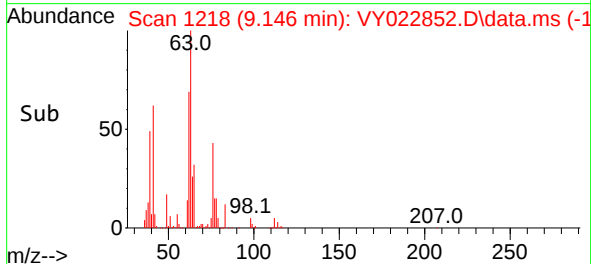
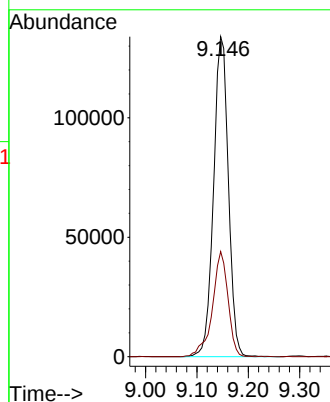
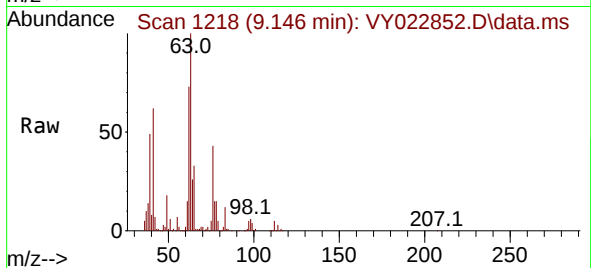
VSTDCCC050

Tgt Ion: 63 Resp: 268195

Ion Ratio Lower Upper

63 100

65 32.8 24.0 36.0



#46

Dibromomethane

Concen: 51.936 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

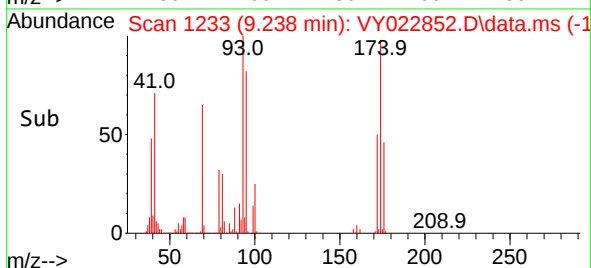
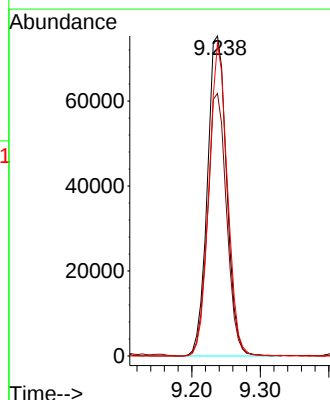
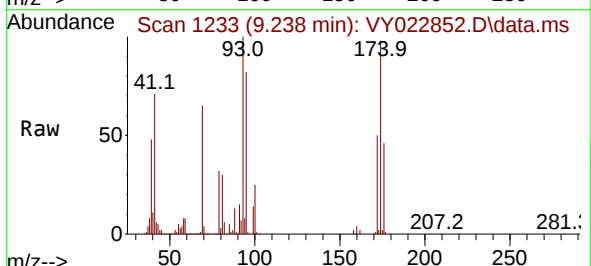
Tgt Ion: 93 Resp: 147595

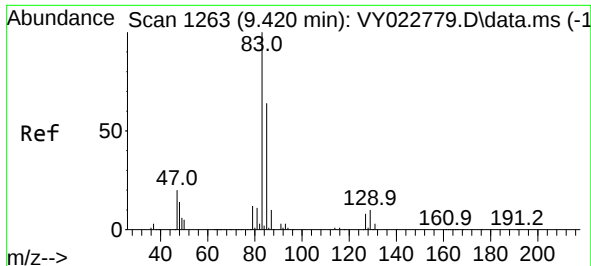
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

174 93.0 70.4 105.6

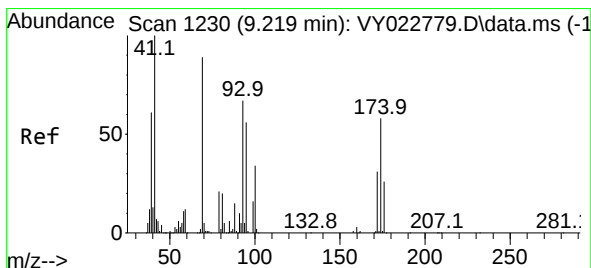
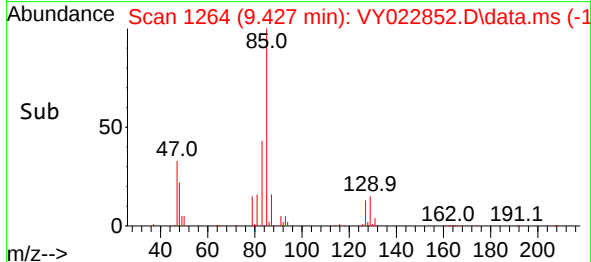
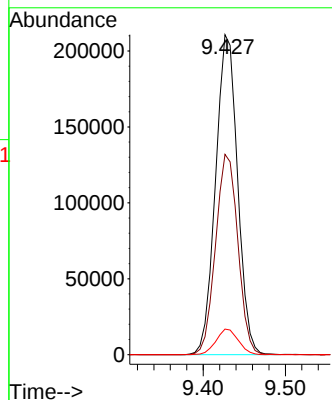
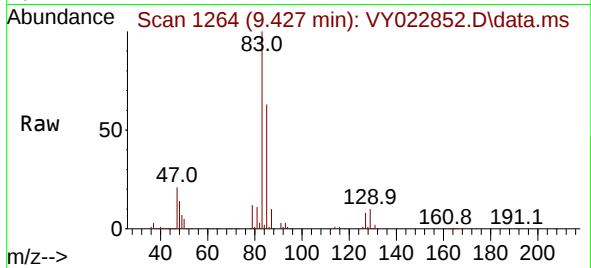




#47
Bromodichloromethane
Concen: 53.540 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

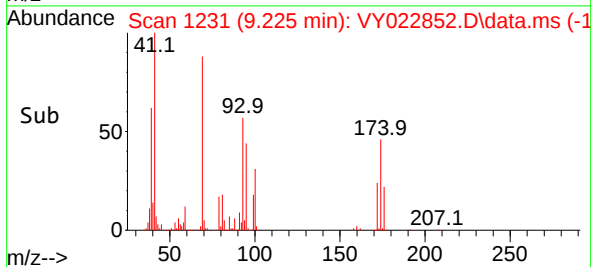
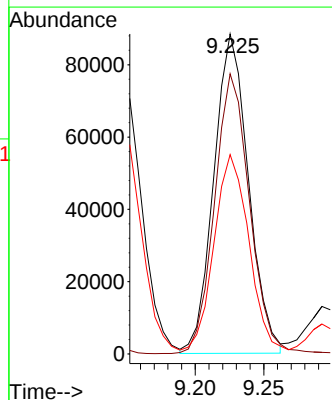
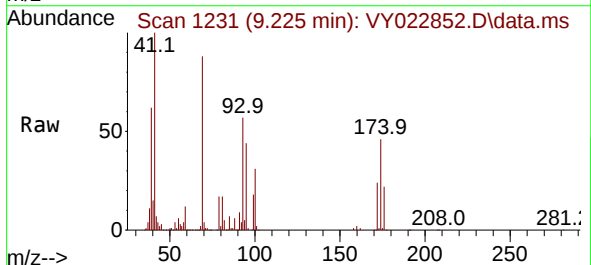
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

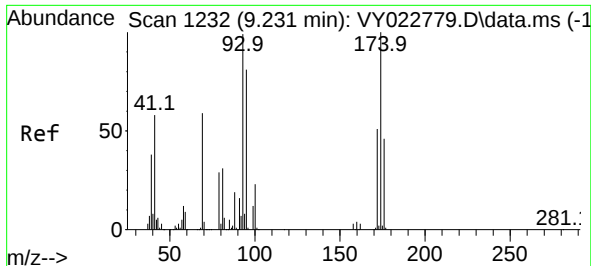
Tgt Ion: 83 Resp: 392353
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 51.787 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 41 Resp: 155339
Ion Ratio Lower Upper
41 100
69 89.2 67.8 101.8
39 61.0 55.0 82.4





#49

1,4-Dioxane

Concen: 850.470 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

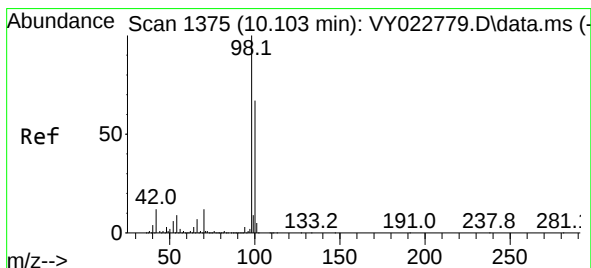
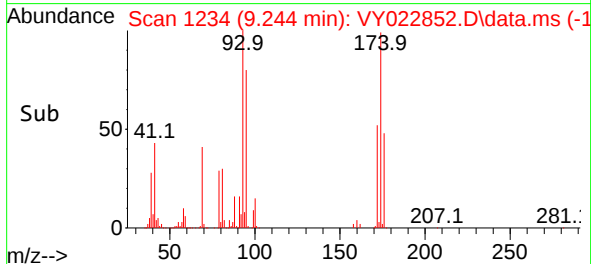
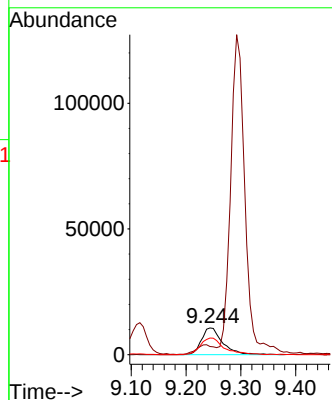
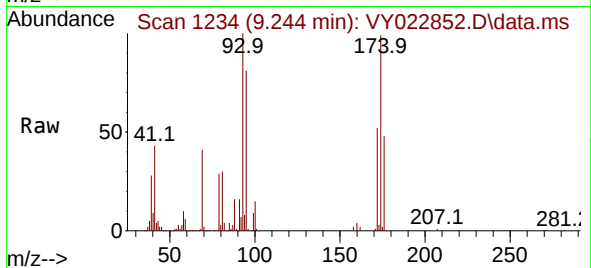
Tgt Ion: 88 Resp: 28555

Ion Ratio Lower Upper

88 100

43 31.4 25.4 38.2

58 69.3 54.9 82.3



#50

Toluene-d8

Concen: 52.029 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022852.D

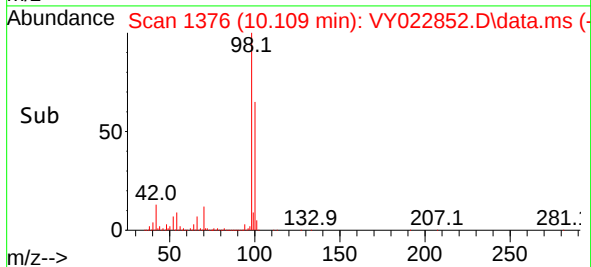
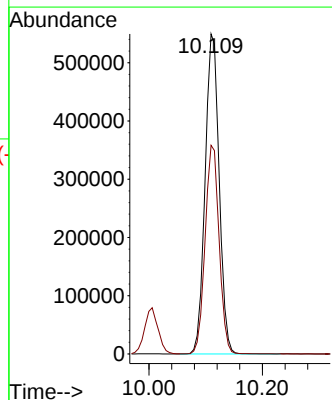
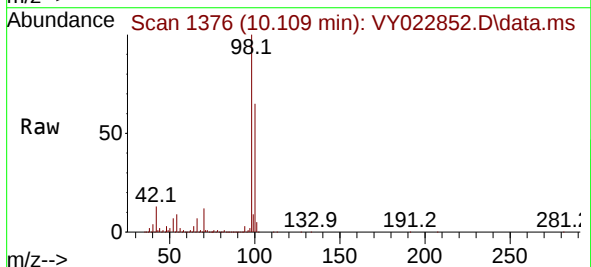
Acq: 27 Jun 2025 11:00

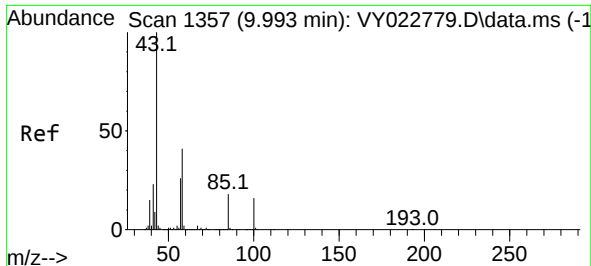
Tgt Ion: 98 Resp: 947623

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 252.254 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

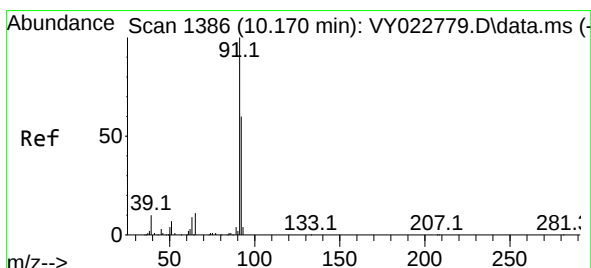
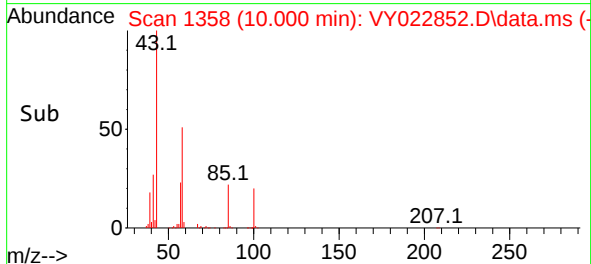
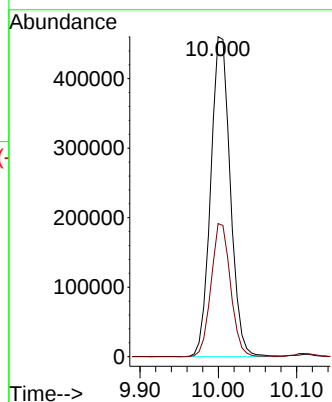
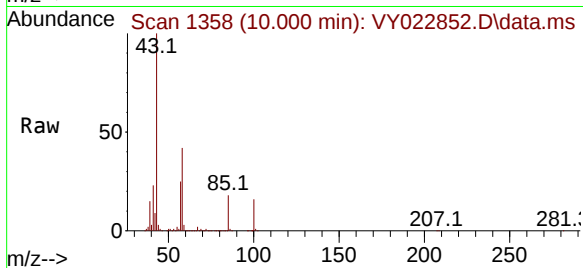
VSTDCCC050

Tgt Ion: 43 Resp: 799838

Ion Ratio Lower Upper

43 100

58 41.3 30.4 45.6



#52

Toluene

Concen: 55.426 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY022852.D

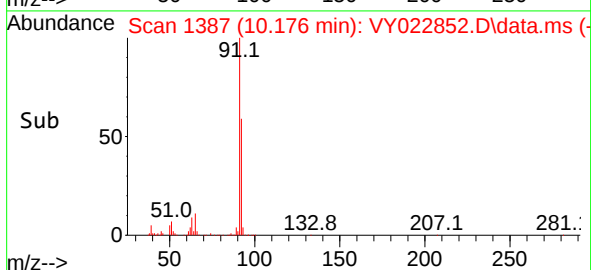
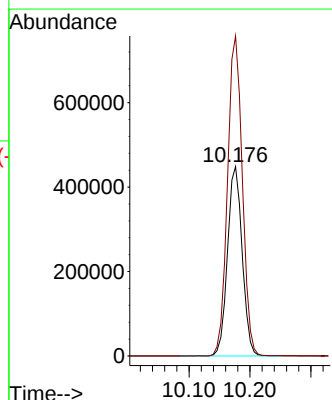
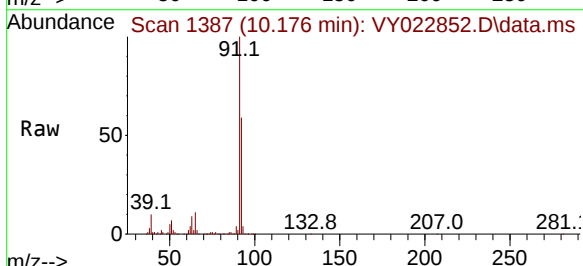
Acq: 27 Jun 2025 11:00

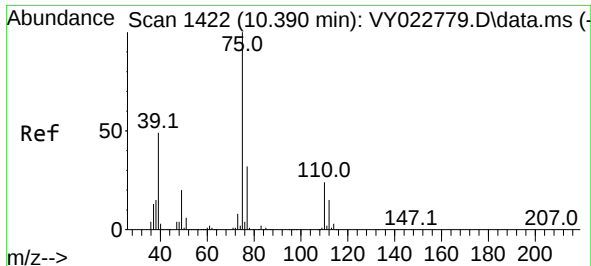
Tgt Ion: 92 Resp: 747939

Ion Ratio Lower Upper

92 100

91 171.0 139.0 208.4

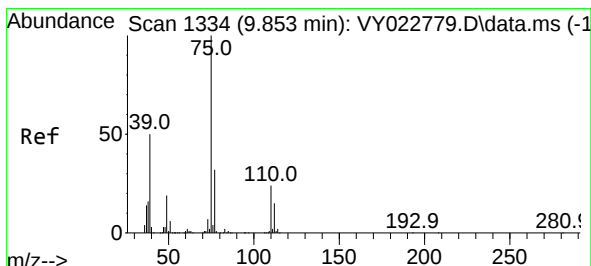
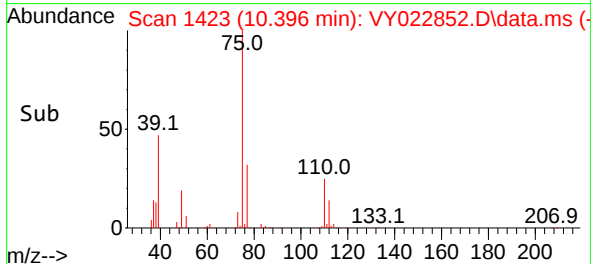
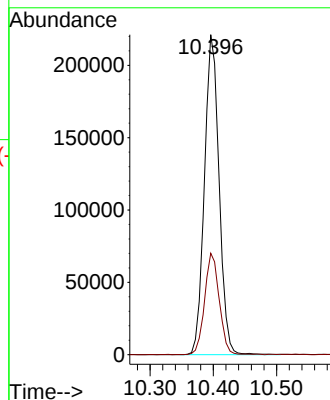
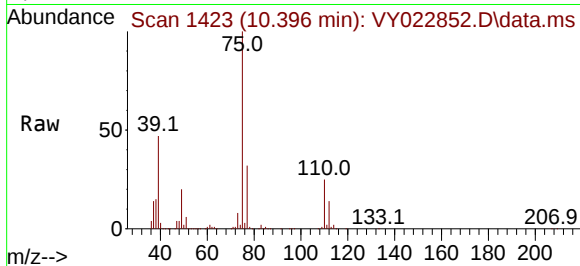




#53
 t-1,3-Dichloropropene
 Concen: 54.134 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

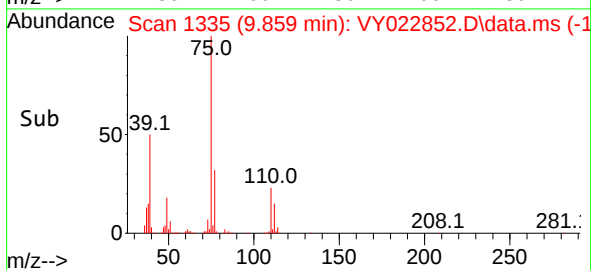
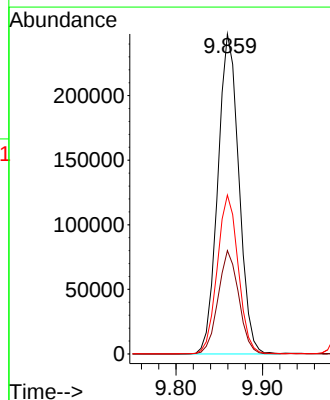
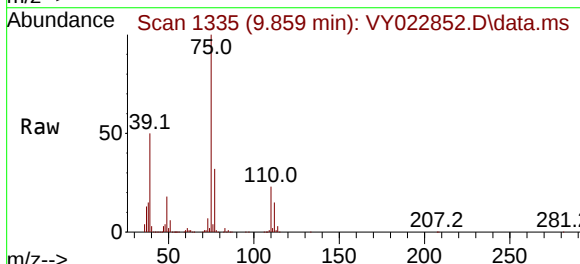
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

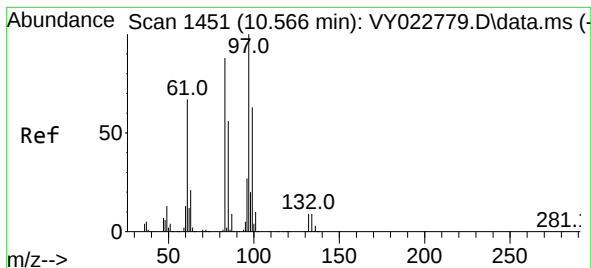
Tgt Ion: 75 Resp: 356934
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.776 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion: 75 Resp: 418765
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 49.6 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 51.575 ug/l

RT: 10.579 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 189791

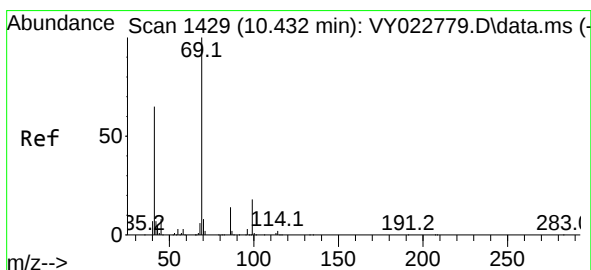
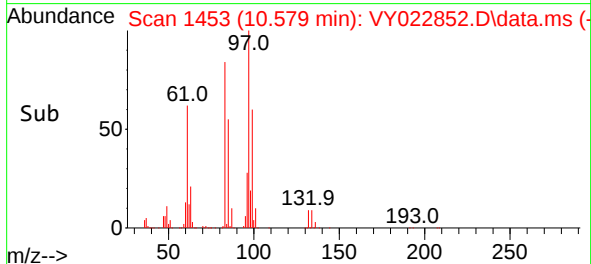
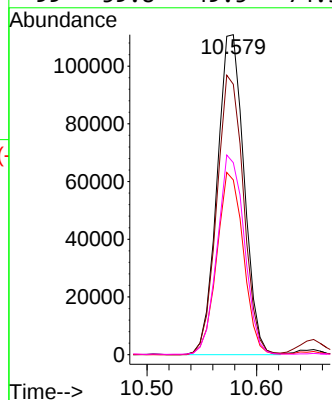
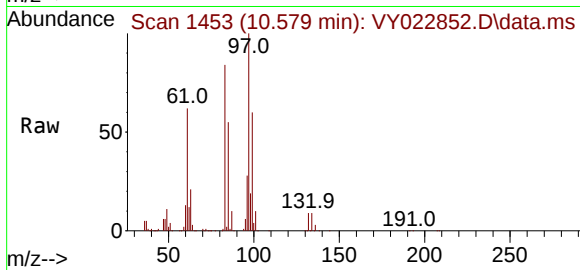
Ion Ratio Lower Upper

97 100

83 84.5 68.1 102.1

85 54.6 48.2 72.2

99 59.8 49.5 74.3



#56

Ethyl methacrylate

Concen: 53.214 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

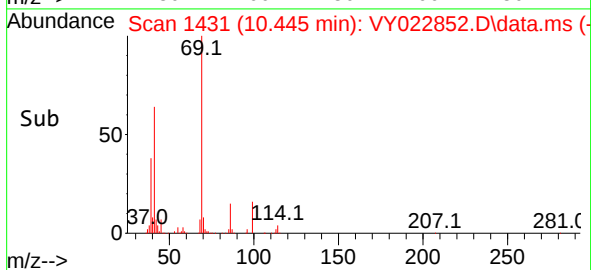
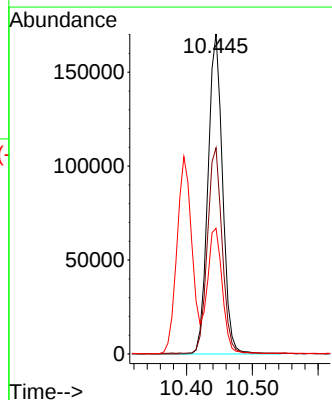
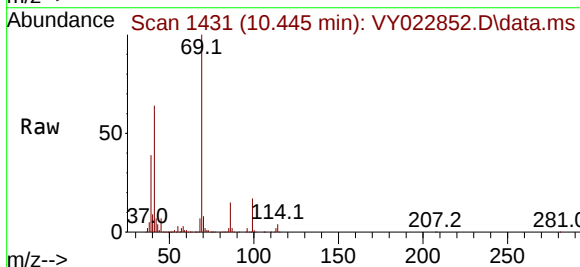
Tgt Ion: 69 Resp: 263457

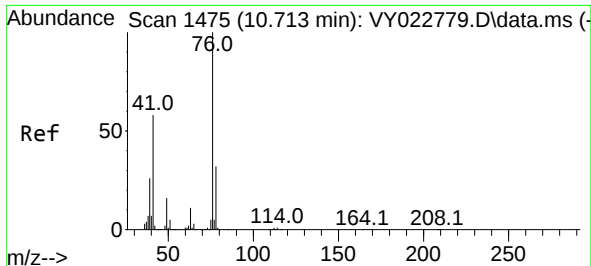
Ion Ratio Lower Upper

69 100

41 64.4 52.2 78.2

39 39.6 36.7 55.1





#57

1,3-Dichloropropane

Concen: 51.652 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

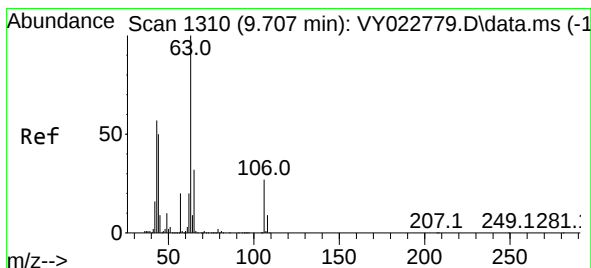
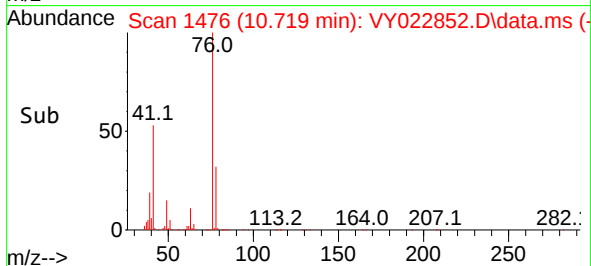
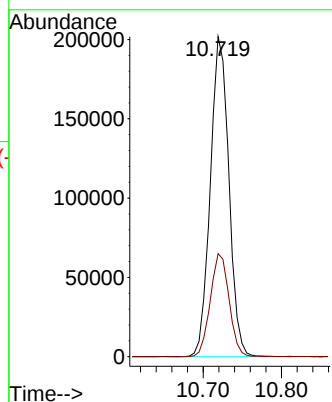
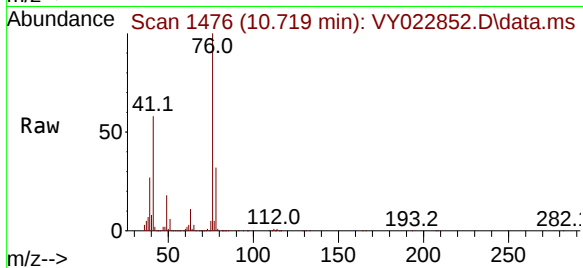
VSTDCCC050

Tgt Ion: 76 Resp: 331625

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.634 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022852.D

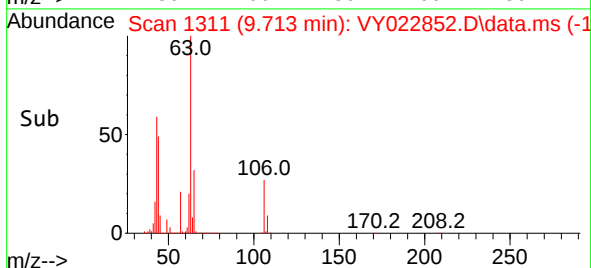
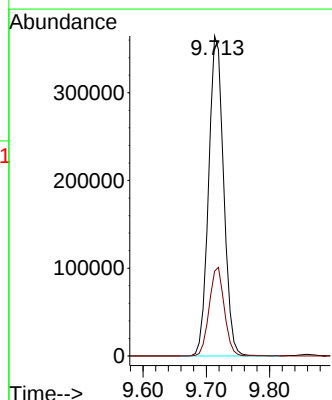
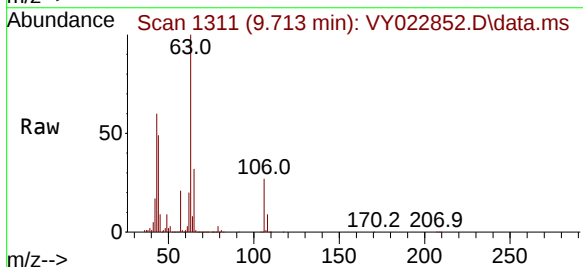
Acq: 27 Jun 2025 11:00

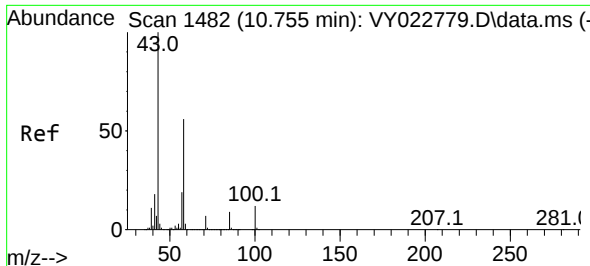
Tgt Ion: 63 Resp: 602327

Ion Ratio Lower Upper

63 100

106 27.8 21.6 32.4

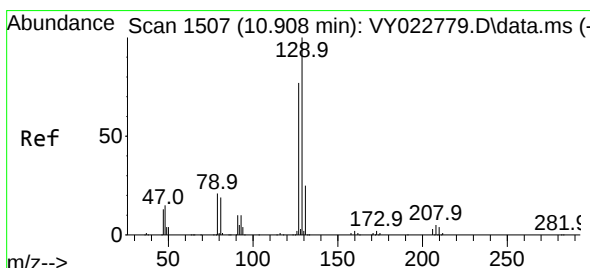
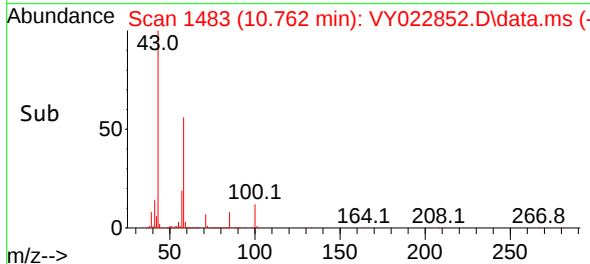
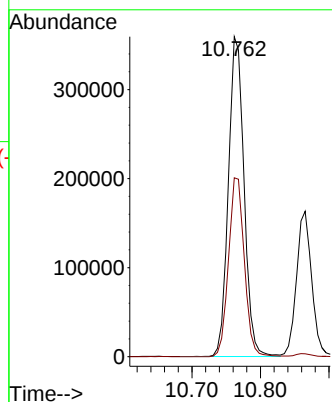
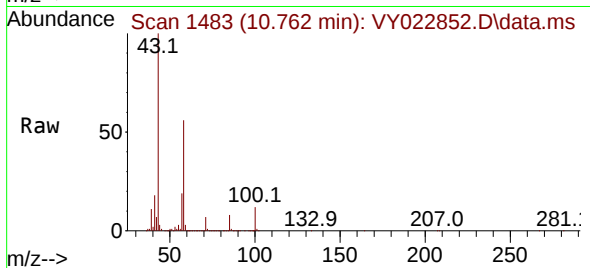




#59
2-Hexanone
Concen: 264.626 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

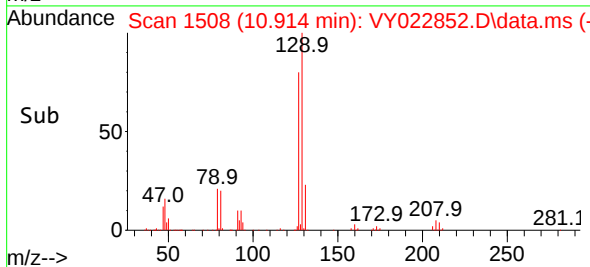
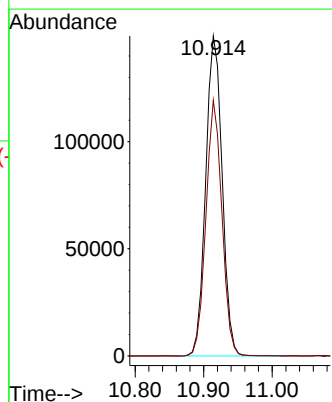
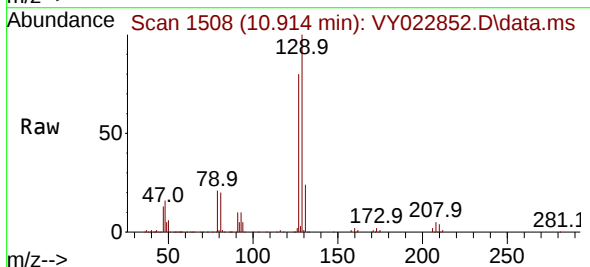
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

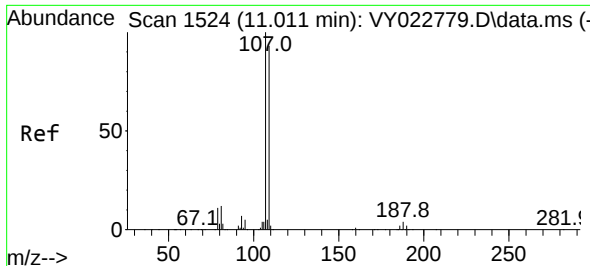
Tgt Ion: 43 Resp: 570461
Ion Ratio Lower Upper
43 100
58 56.6 27.3 81.8



#60
Dibromochloromethane
Concen: 52.562 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 129 Resp: 249840
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

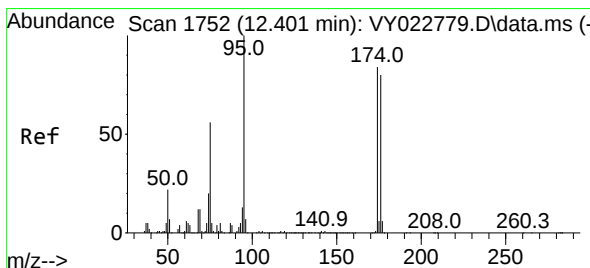
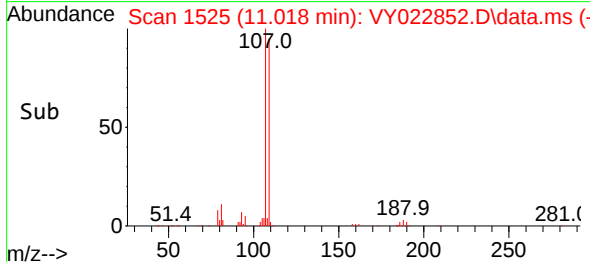
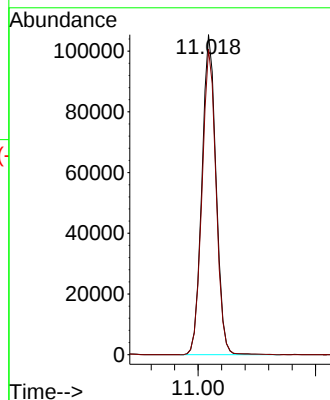
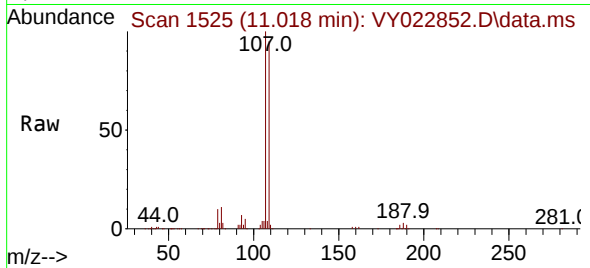




#61
1,2-Dibromoethane
Concen: 51.159 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

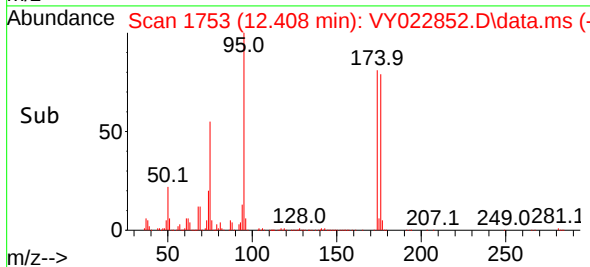
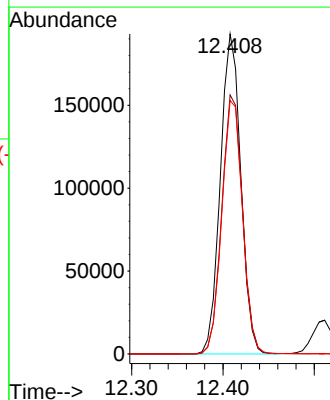
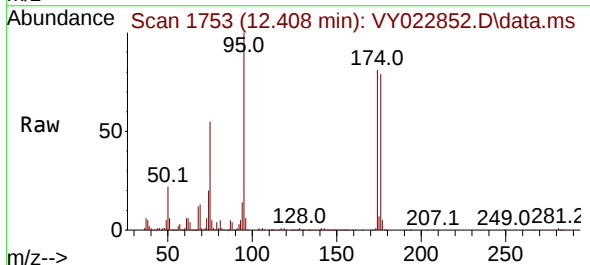
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

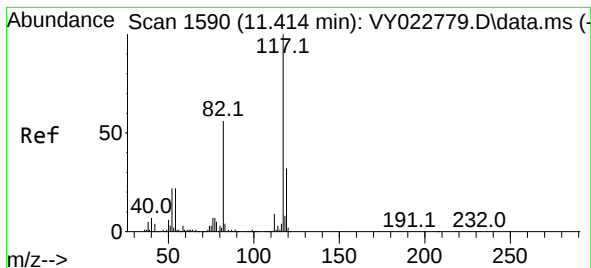
Tgt Ion:107 Resp: 176170
Ion Ratio Lower Upper
107 100
109 95.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.374 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 95 Resp: 300791
Ion Ratio Lower Upper
95 100
174 81.8 0.0 170.0
176 80.1 0.0 166.2

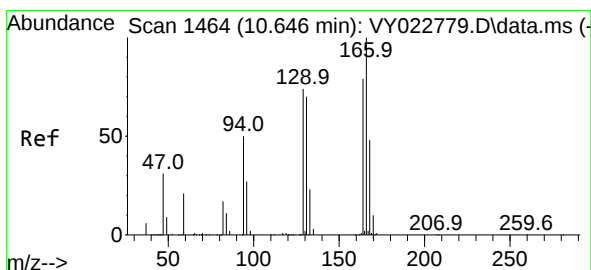
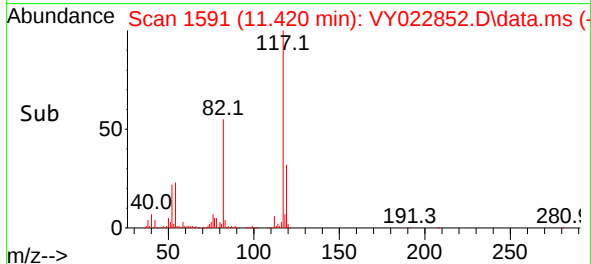
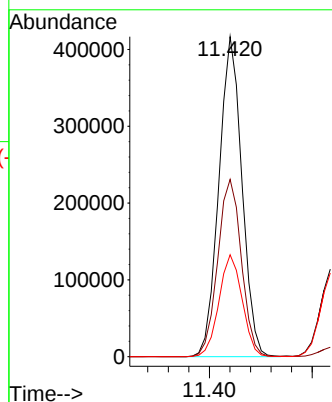
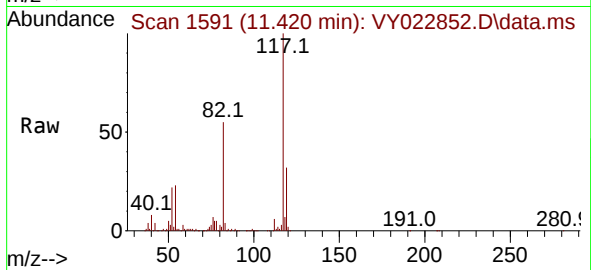




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

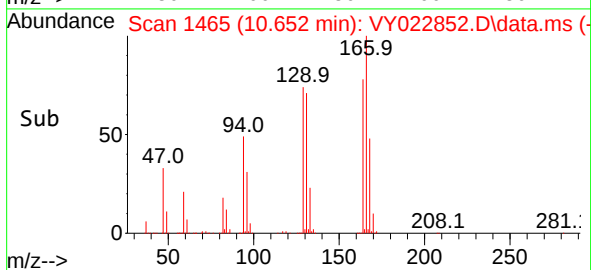
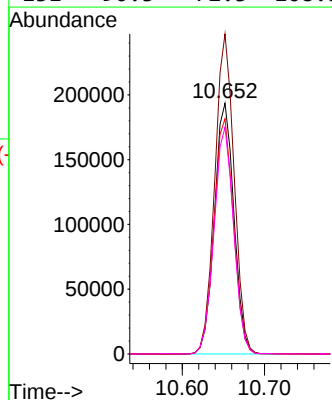
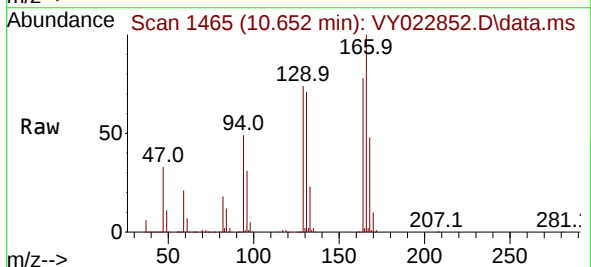
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

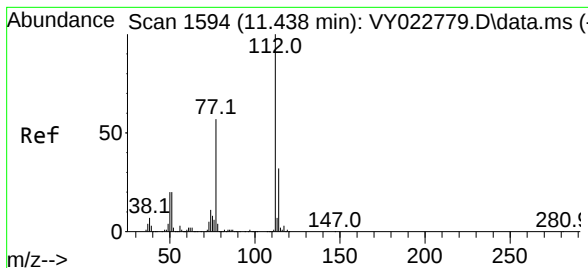
Tgt Ion:117 Resp: 647658
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 52.422 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion:164 Resp: 320739
Ion Ratio Lower Upper
164 100
166 127.6 104.0 156.0
129 93.8 74.5 111.7
131 90.3 72.3 108.5





#65

Chlorobenzene

Concen: 55.109 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

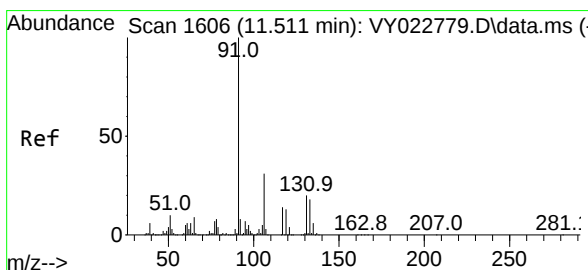
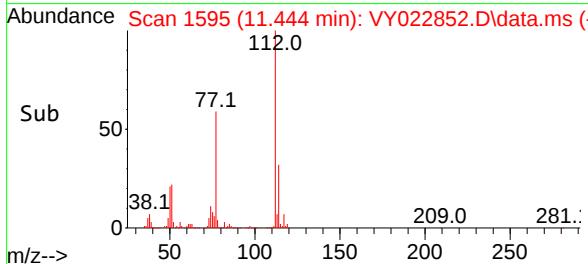
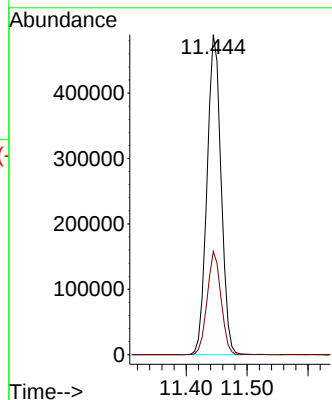
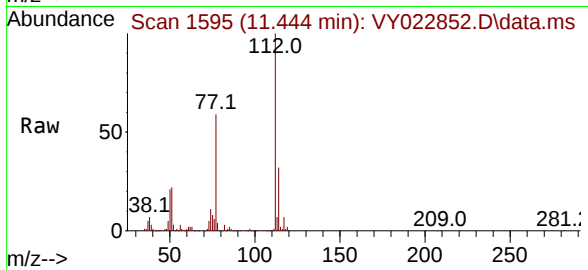
VSTDCCC050

Tgt Ion:112 Resp: 784258

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.277 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

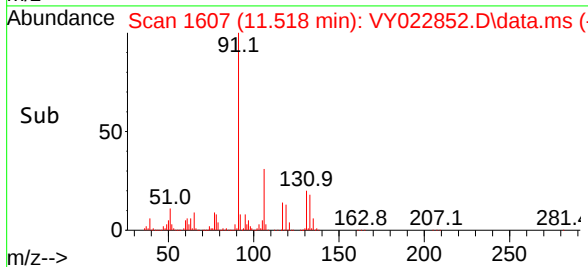
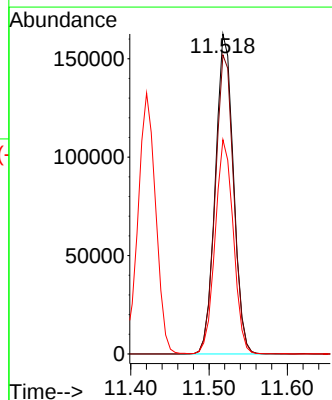
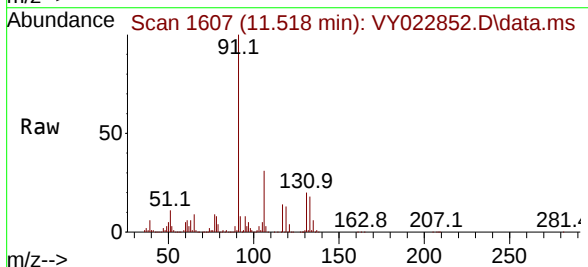
Tgt Ion:131 Resp: 261622

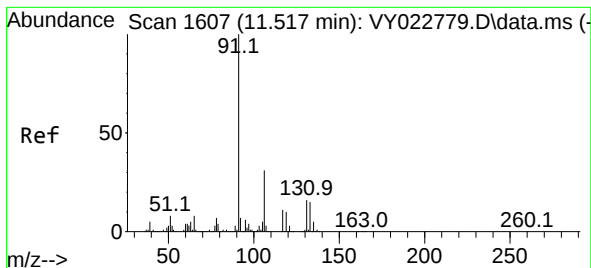
Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 67.3 33.1 99.3





#67

Ethyl Benzene

Concen: 57.349 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

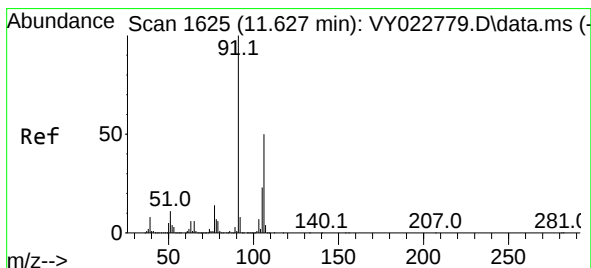
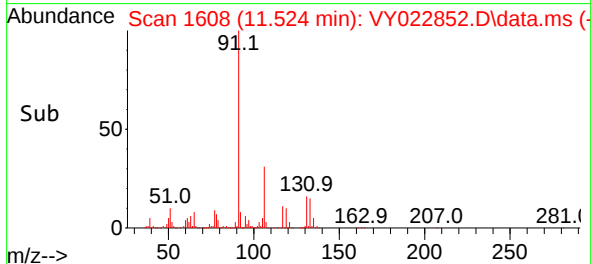
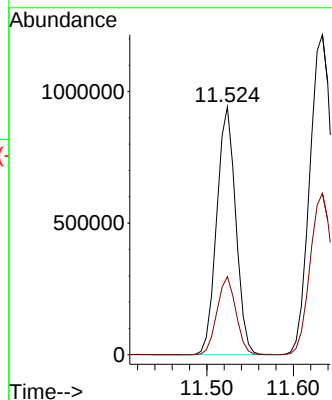
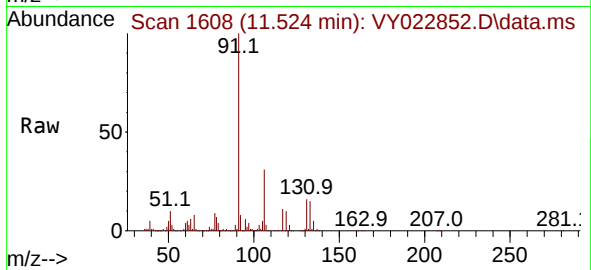
VSTDCCC050

Tgt Ion: 91 Resp: 1433953

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4



#68

m/p-Xylenes

Concen: 114.501 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY022852.D

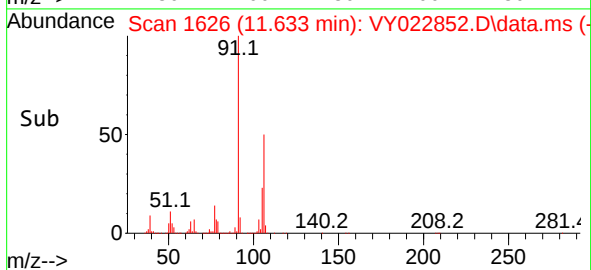
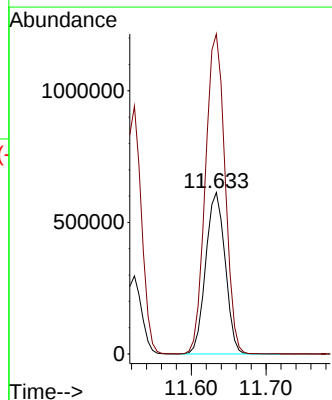
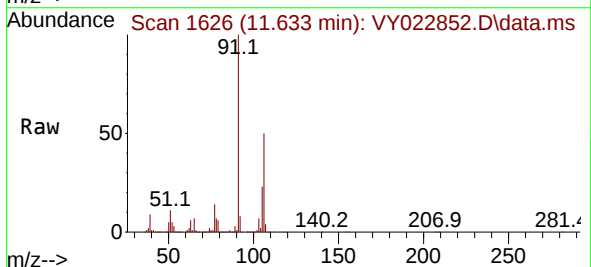
Acq: 27 Jun 2025 11:00

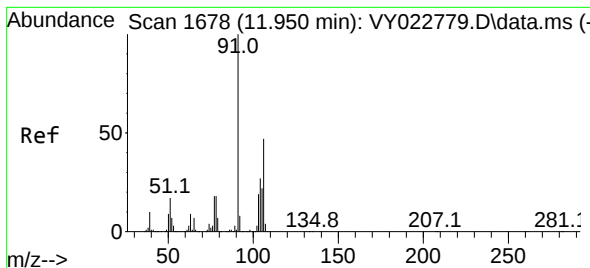
Tgt Ion:106 Resp: 1106722

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.0





#69

o-Xylene

Concen: 57.206 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

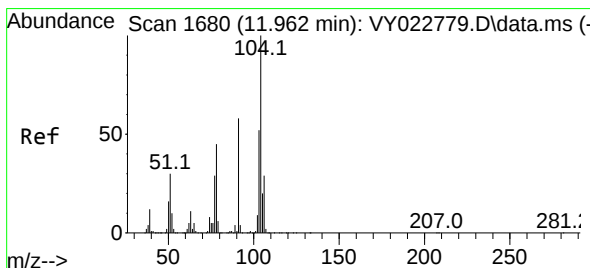
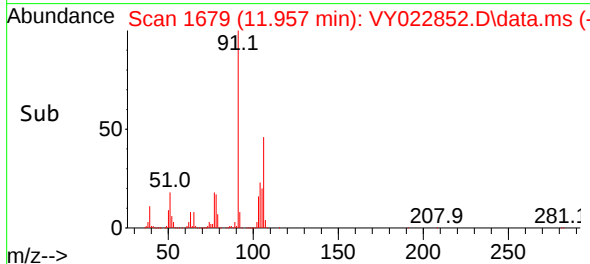
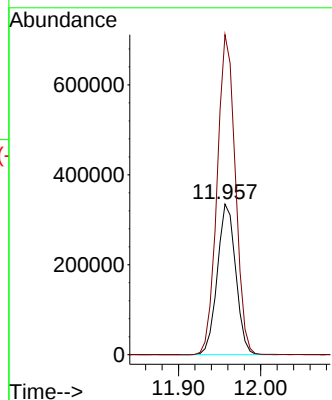
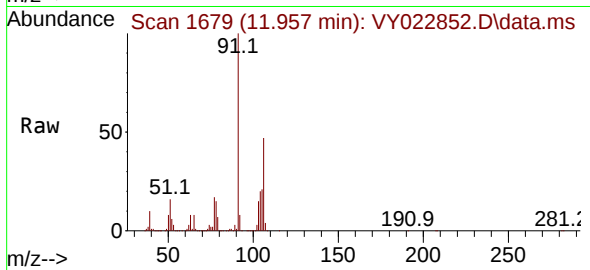
VSTDCCC050

Tgt Ion:106 Resp: 521002

Ion Ratio Lower Upper

106 100

91 210.4 105.8 317.3



#70

Styrene

Concen: 56.850 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

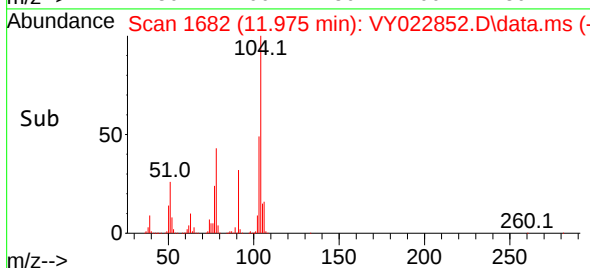
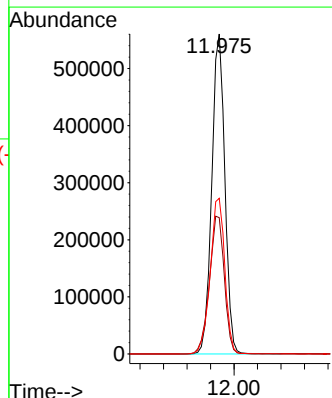
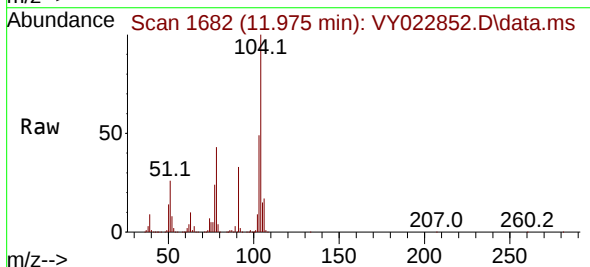
Tgt Ion:104 Resp: 867264

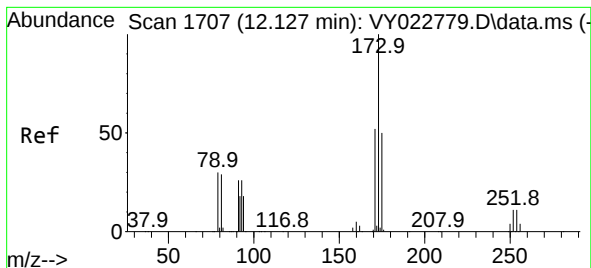
Ion Ratio Lower Upper

104 100

78 49.0 39.5 59.3

103 54.2 44.1 66.1





#71

Bromoform

Concen: 50.812 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

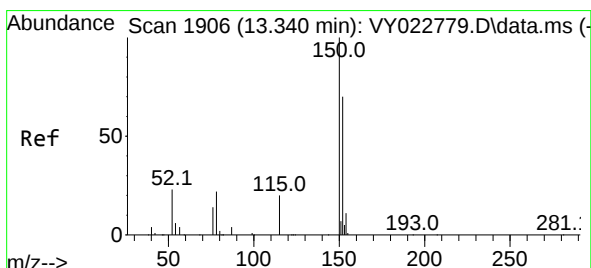
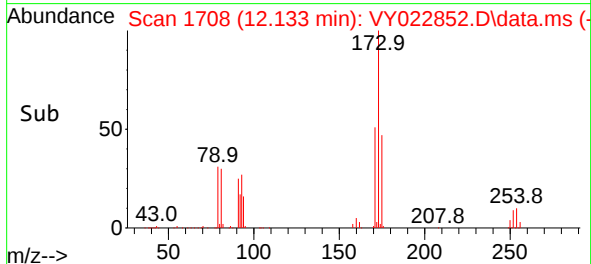
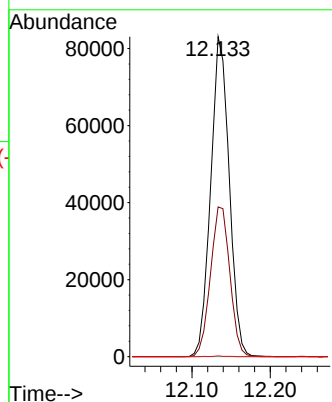
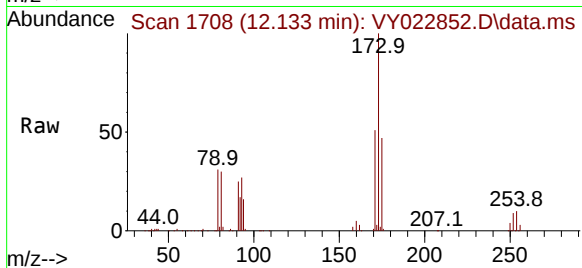
Tgt Ion:173 Resp: 136375

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

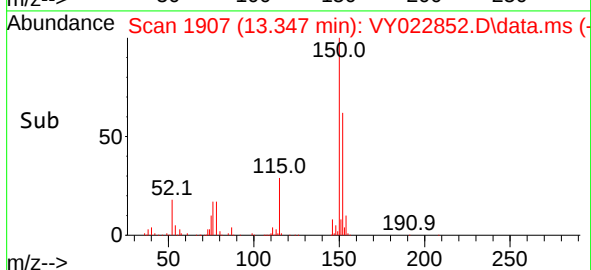
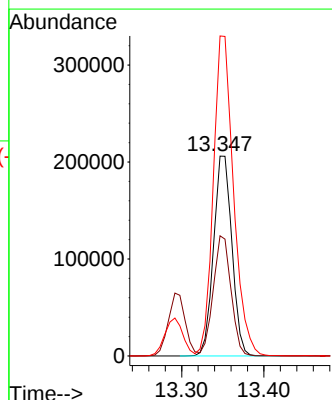
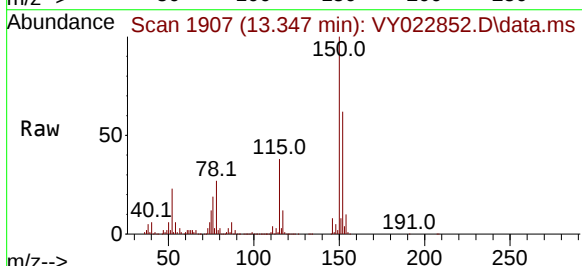
Tgt Ion:152 Resp: 319930

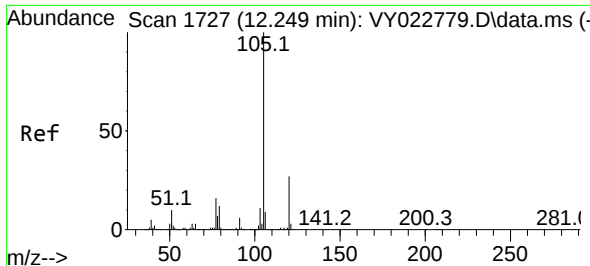
Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 176.1 0.0 349.6

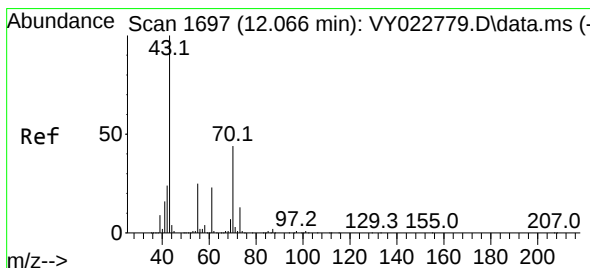
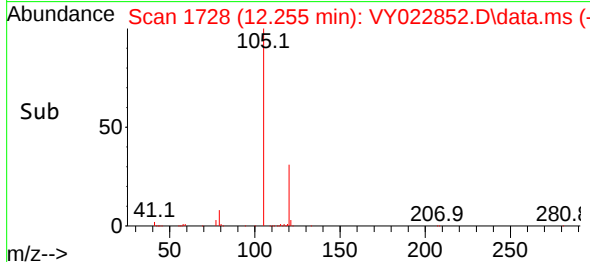
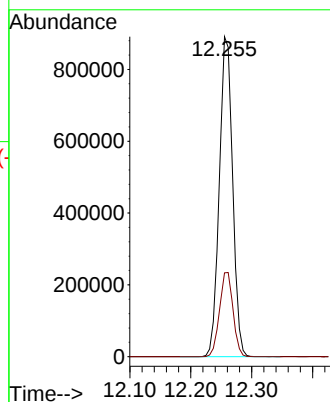
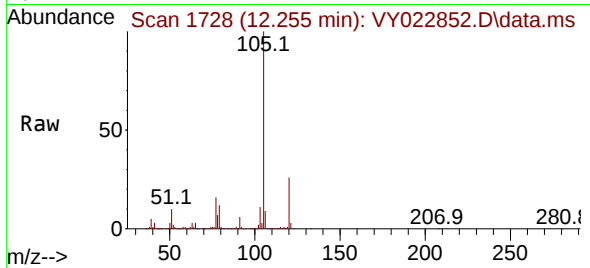




#73
Isopropylbenzene
Concen: 57.218 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

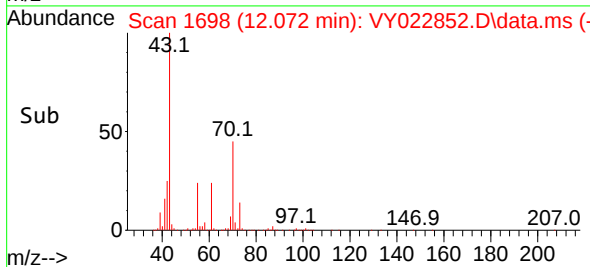
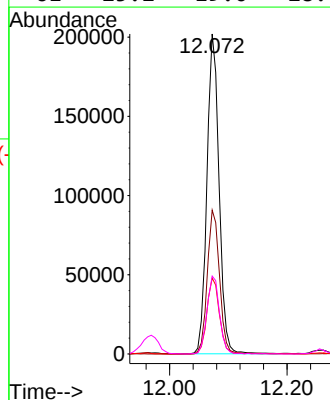
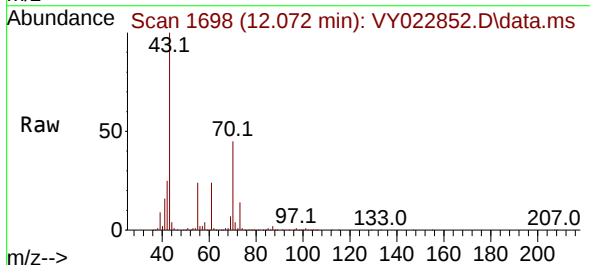
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

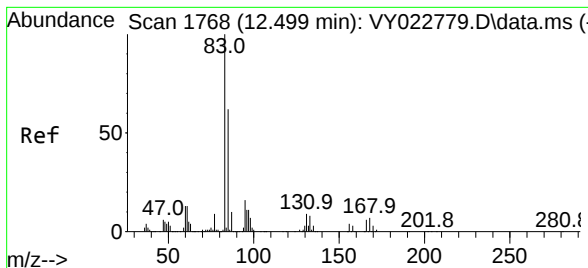
Tgt Ion:105 Resp: 1353825
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 54.475 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 43 Resp: 289318
Ion Ratio Lower Upper
43 100
70 45.3 34.2 51.2
55 24.5 18.2 27.4
61 25.2 19.0 28.6

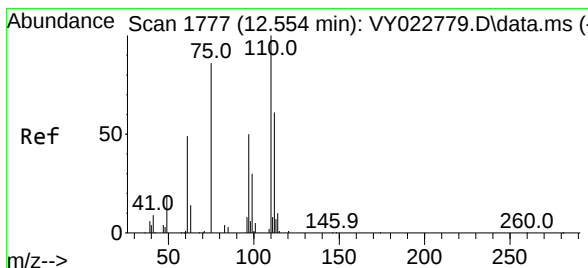
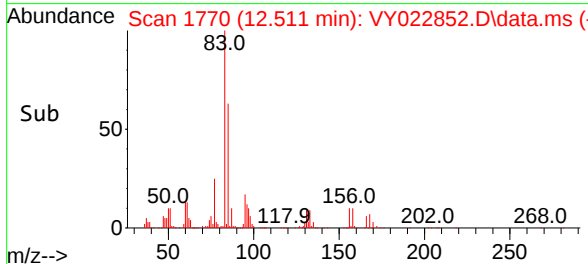
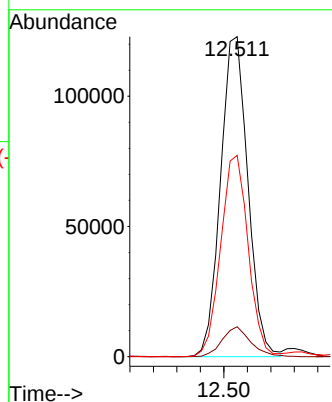
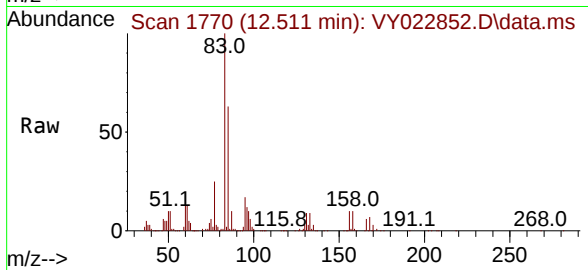




#75
1,1,2,2-Tetrachloroethane
Concen: 52.163 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

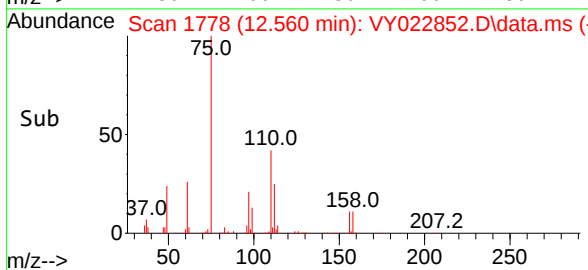
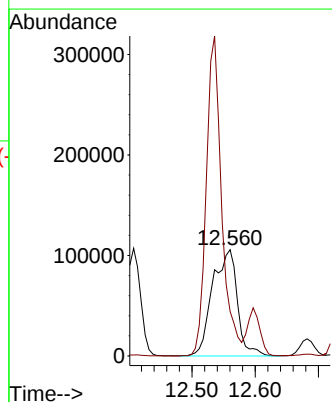
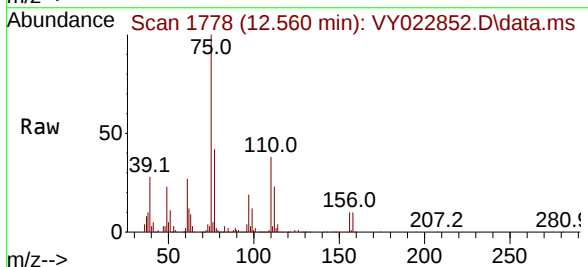
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

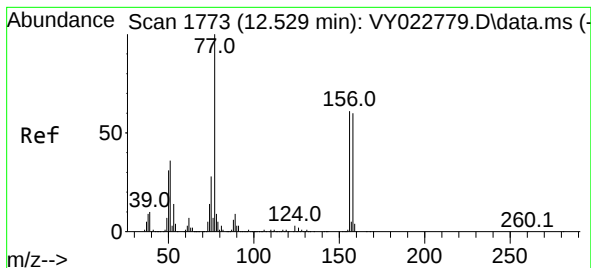
Tgt Ion: 83 Resp: 198918
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 88.034 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 75 Resp: 287537
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.380 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

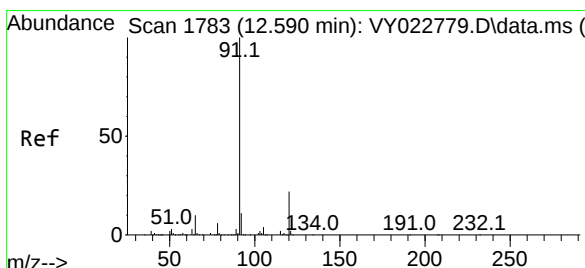
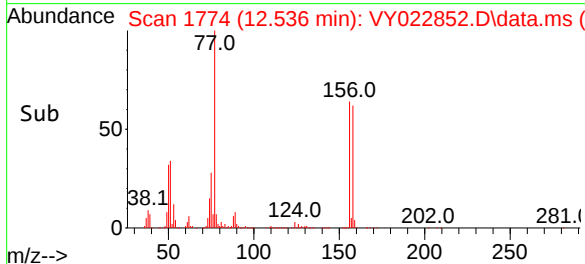
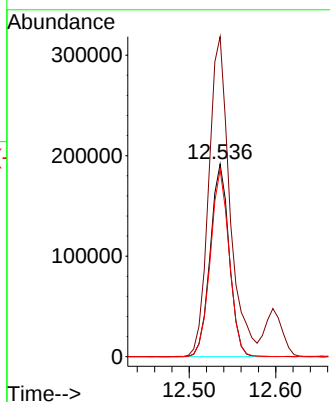
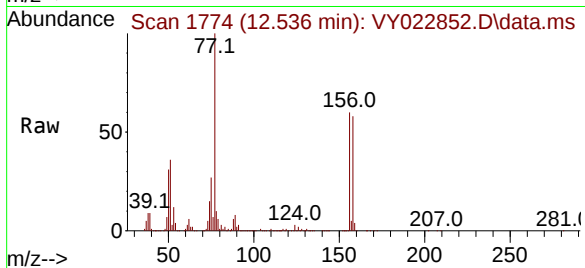
Tgt Ion:156 Resp: 291644

Ion Ratio Lower Upper

156 100

77 185.1 94.0 282.1

158 96.3 48.2 144.6



#78

n-propylbenzene

Concen: 57.659 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022852.D

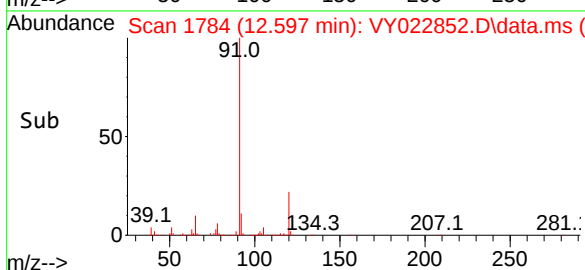
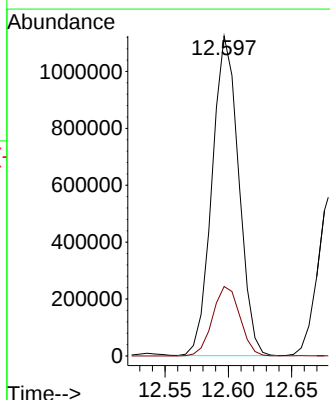
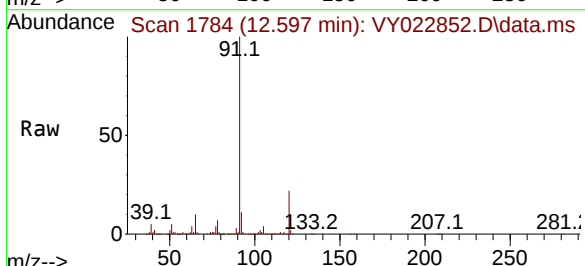
Acq: 27 Jun 2025 11:00

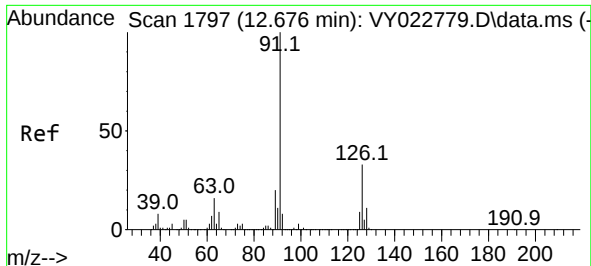
Tgt Ion: 91 Resp: 1647162

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

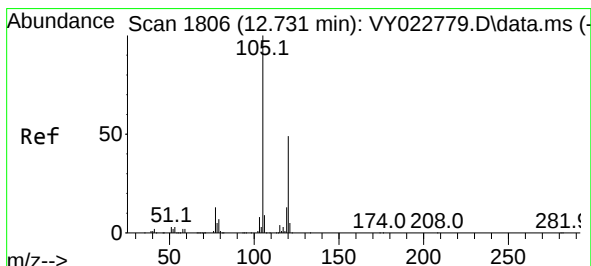
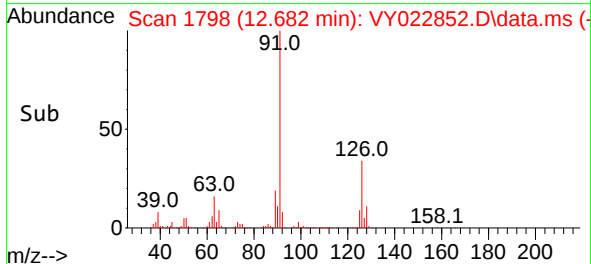
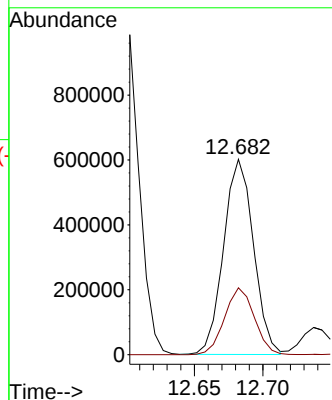
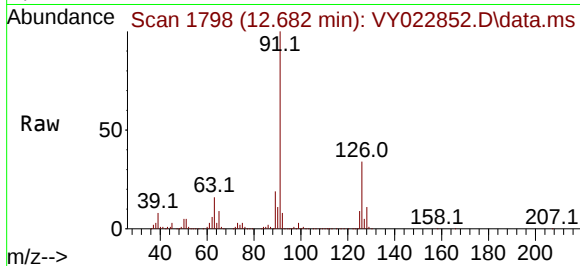




#79
2-Chlorotoluene
Concen: 56.701 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

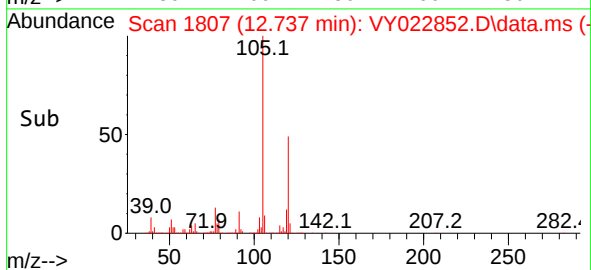
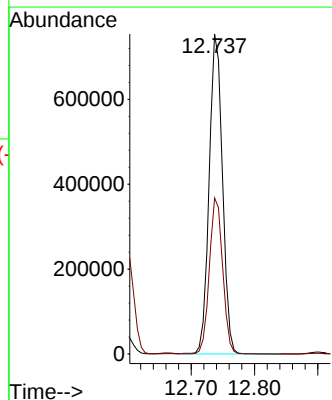
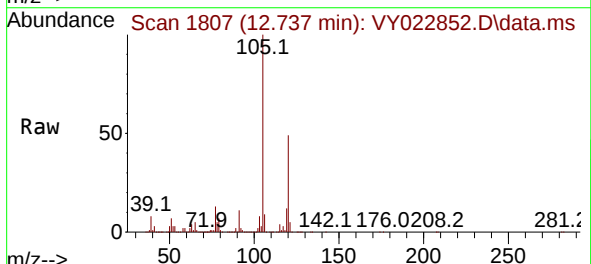
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

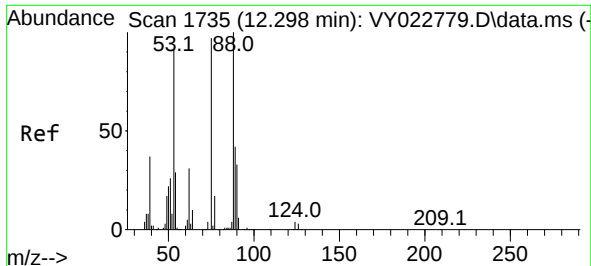
Tgt Ion: 91 Resp: 915158
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 57.619 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 105 Resp: 1100569
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

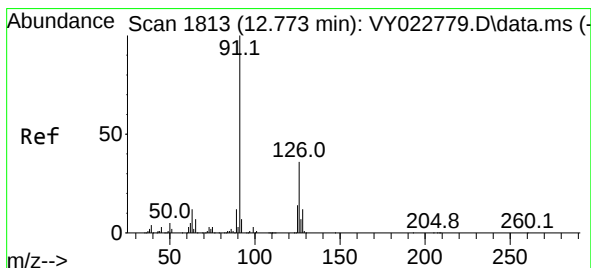
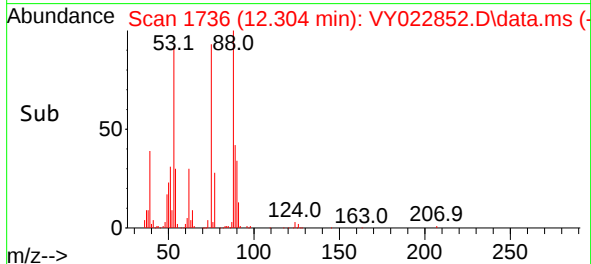
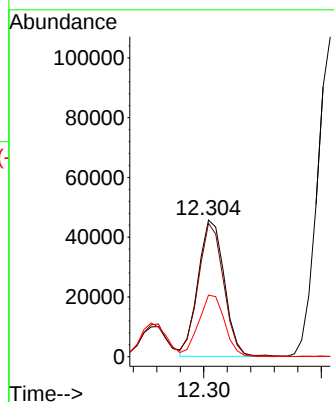
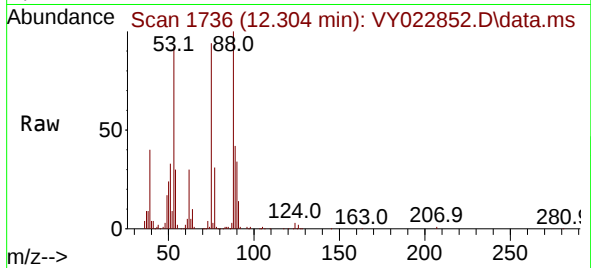




#81
trans-1,4-Dichloro-2-butene
Concen: 54.677 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

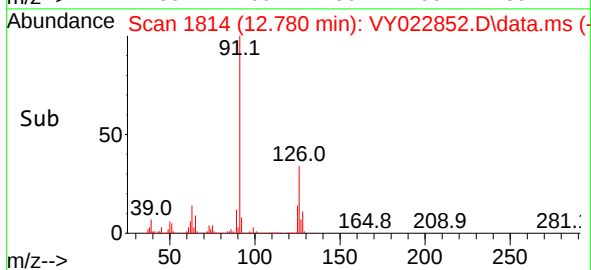
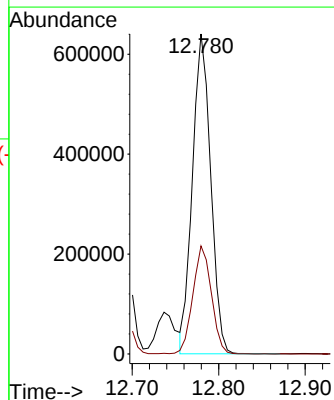
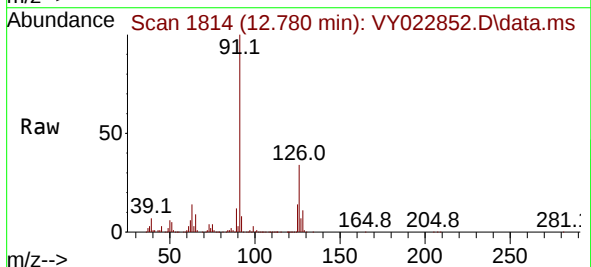
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

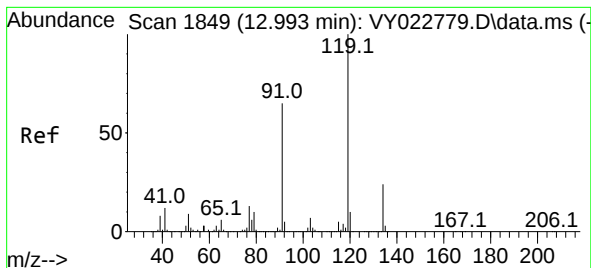
Tgt Ion: 75 Resp: 70688
Ion Ratio Lower Upper
75 100
53 95.4 78.5 117.7
89 45.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 55.271 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion: 91 Resp: 937032
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 57.725 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

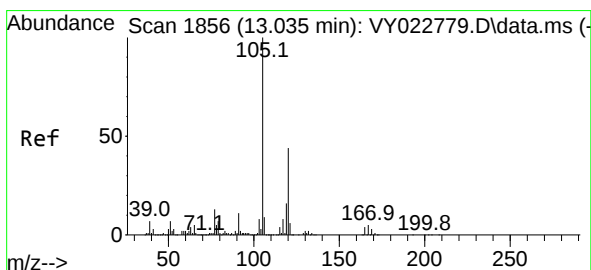
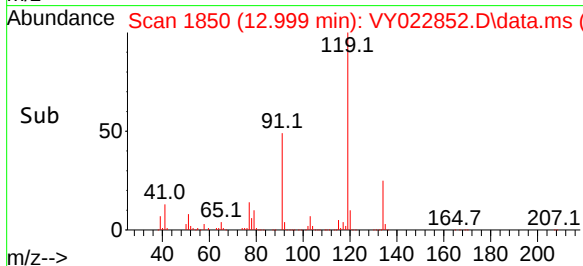
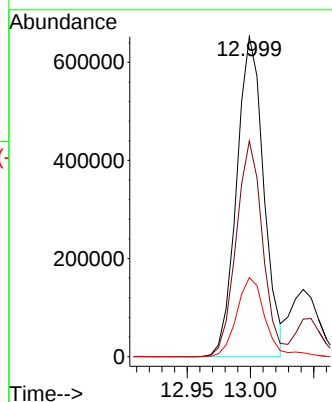
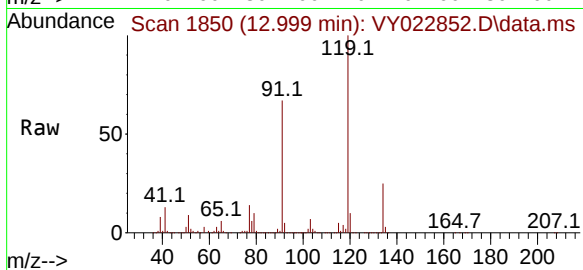
Tgt Ion:119 Resp: 972388

Ion Ratio Lower Upper

119 100

91 66.3 32.1 96.3

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 57.326 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022852.D

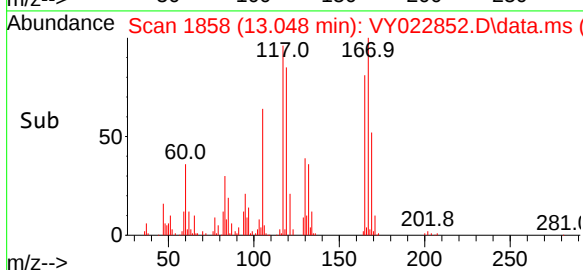
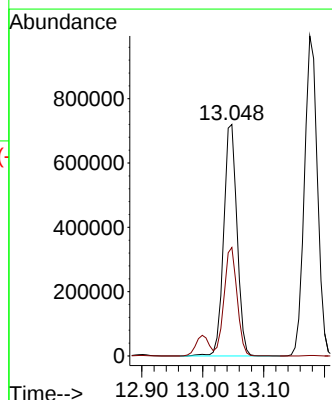
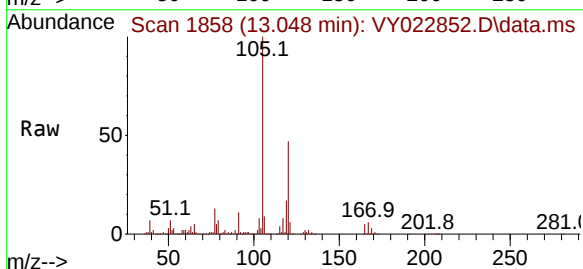
Acq: 27 Jun 2025 11:00

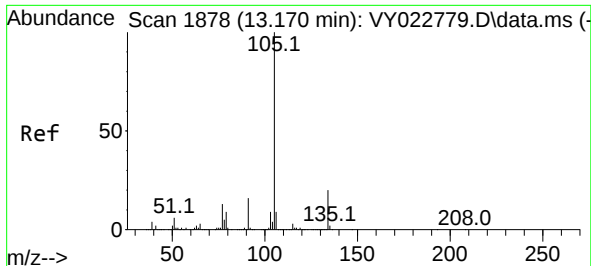
Tgt Ion:105 Resp: 1096265

Ion Ratio Lower Upper

105 100

120 45.8 22.7 68.1

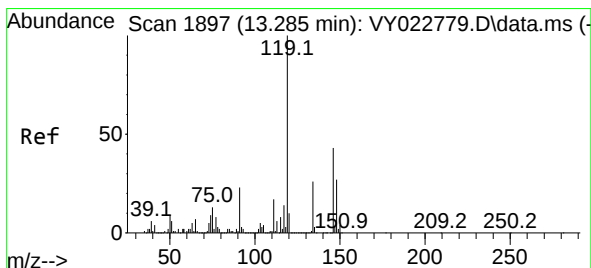
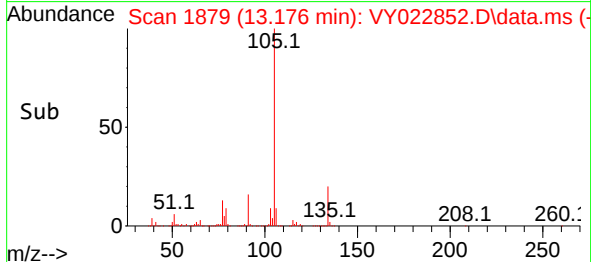
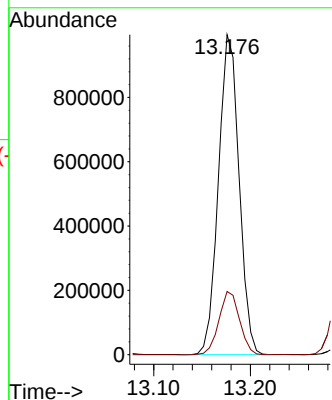
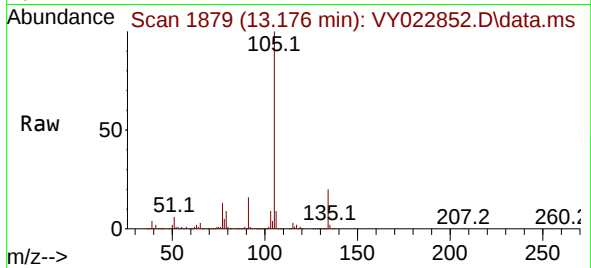




#85
 sec-Butylbenzene
 Concen: 58.026 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

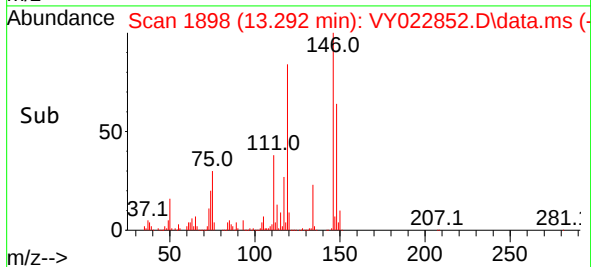
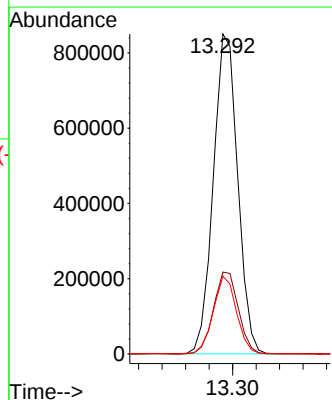
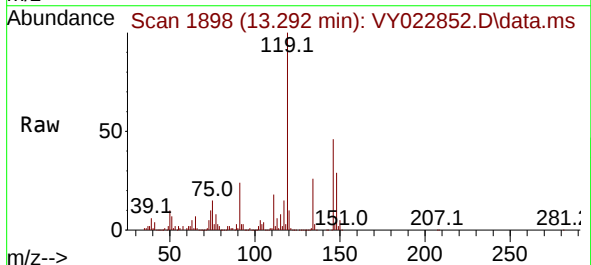
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

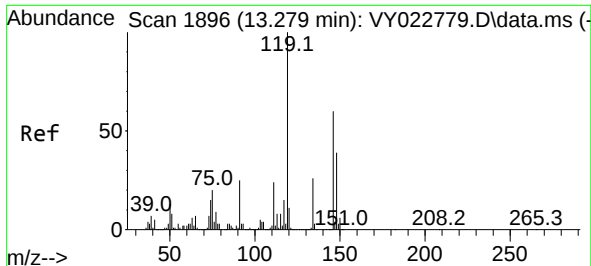
Tgt Ion:105 Resp: 1470667
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 58.084 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion:119 Resp: 1225077
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 55.305 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

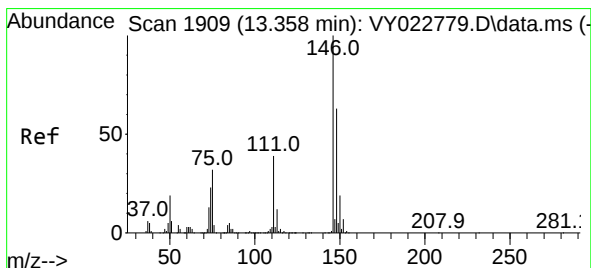
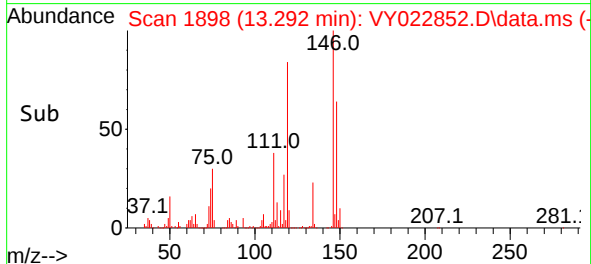
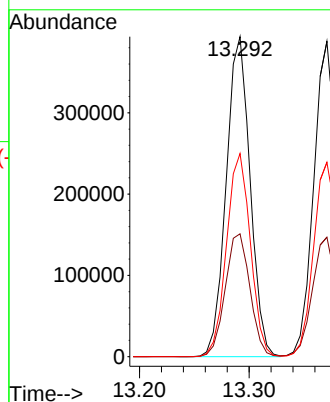
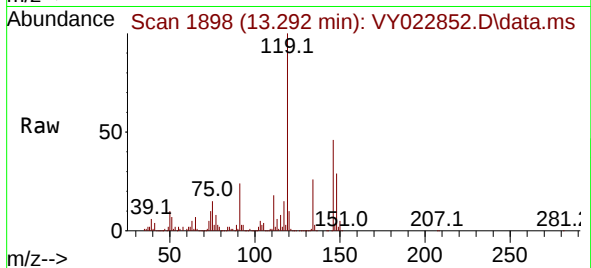
Tgt Ion:146 Resp: 595697

Ion Ratio Lower Upper

146 100

111 39.7 20.1 60.2

148 63.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 54.410 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

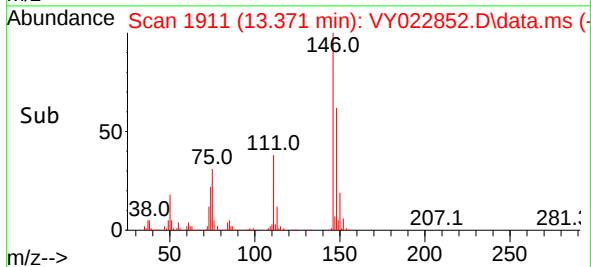
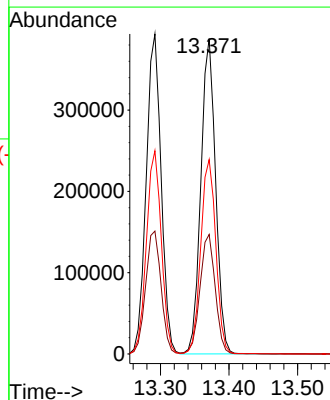
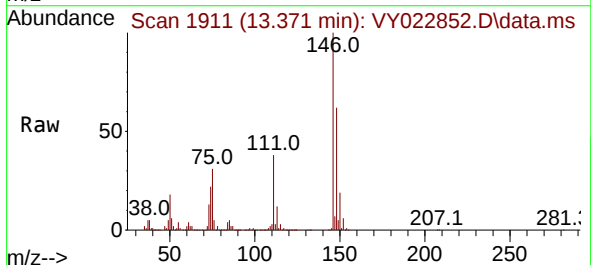
Tgt Ion:146 Resp: 582146

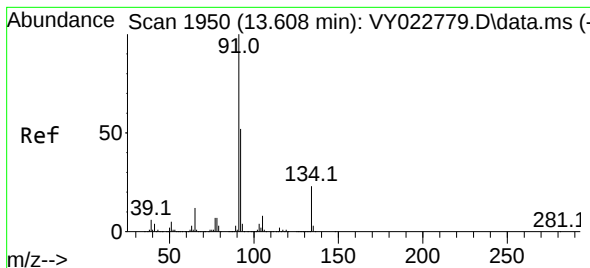
Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 58.089 ug/l

RT: 13.621 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

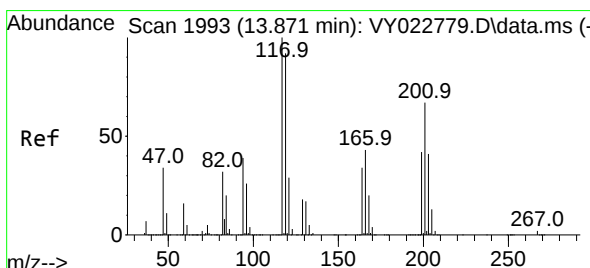
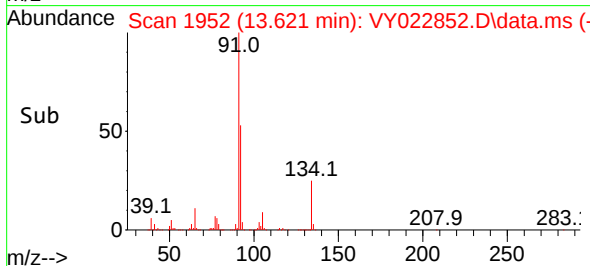
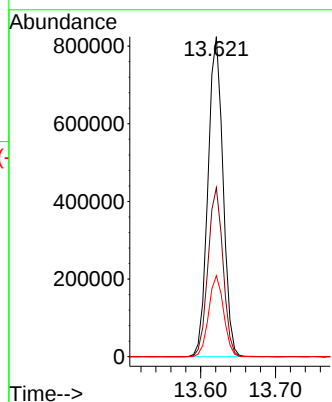
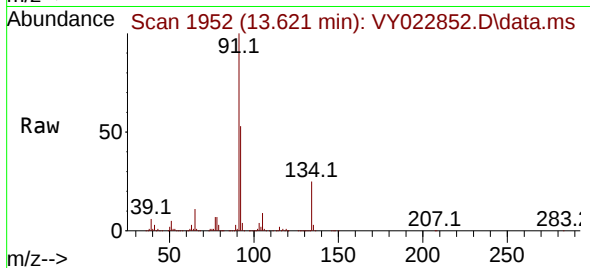
Tgt Ion: 91 Resp: 1152458

Ion Ratio Lower Upper

91 100

92 52.7 25.9 77.8

134 25.2 12.0 36.1



#90

Hexachloroethane

Concen: 55.395 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022852.D

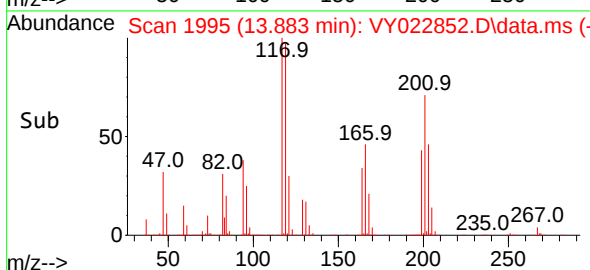
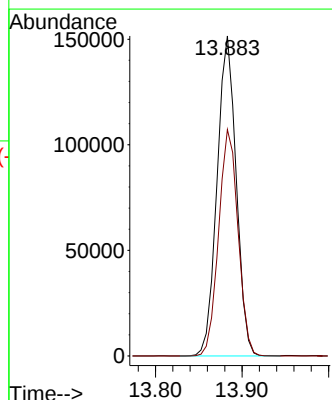
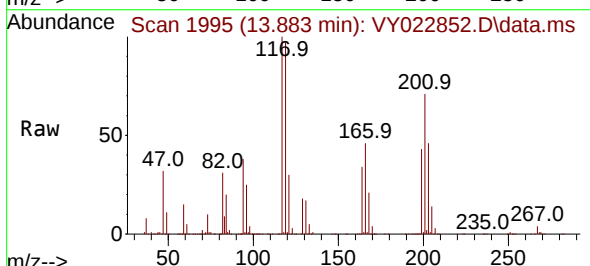
Acq: 27 Jun 2025 11:00

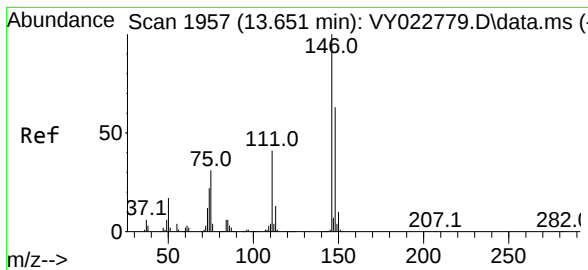
Tgt Ion: 117 Resp: 232705

Ion Ratio Lower Upper

117 100

201 71.5 34.0 102.0

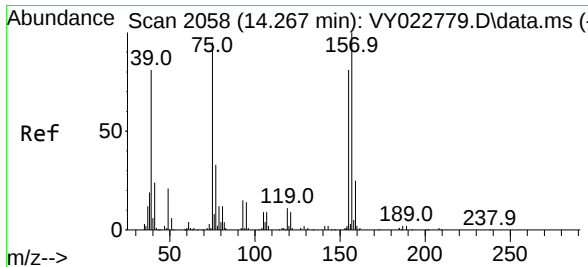
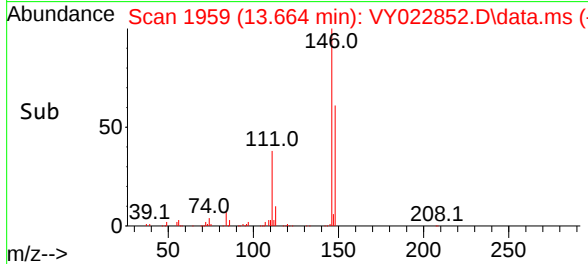
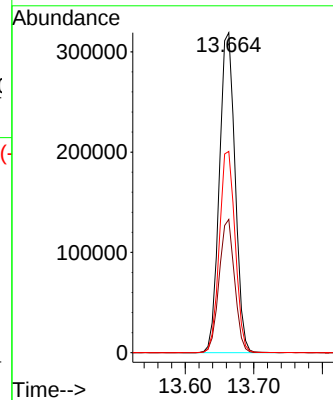
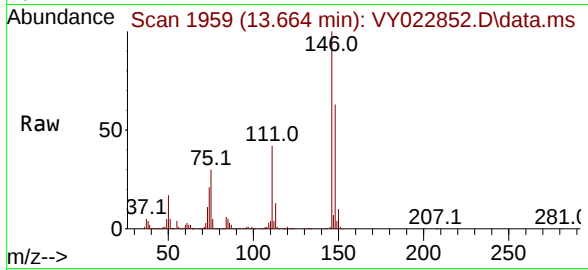




#91
 1,2-Dichlorobenzene
 Concen: 53.591 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

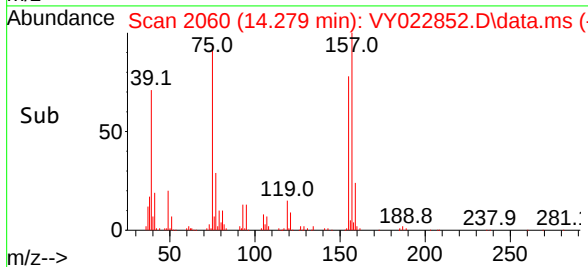
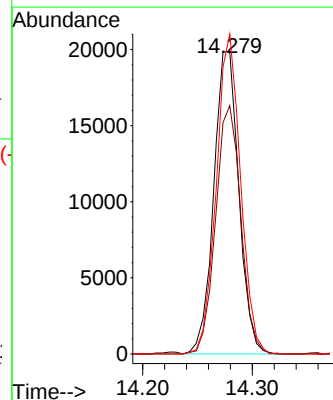
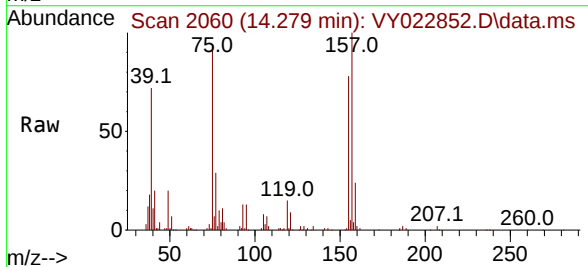
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

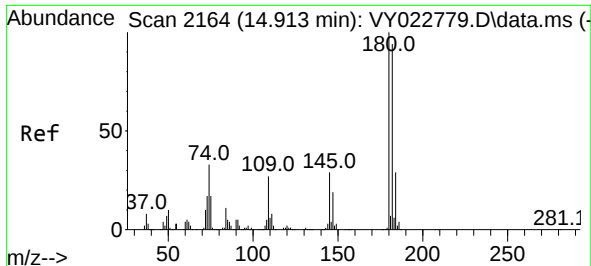
Tgt Ion:146 Resp: 508692
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.6
 148 63.1 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.816 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022852.D
 Acq: 27 Jun 2025 11:00

Tgt Ion: 75 Resp: 31568
 Ion Ratio Lower Upper
 75 100
 155 82.4 39.9 119.6
 157 102.3 54.0 162.0

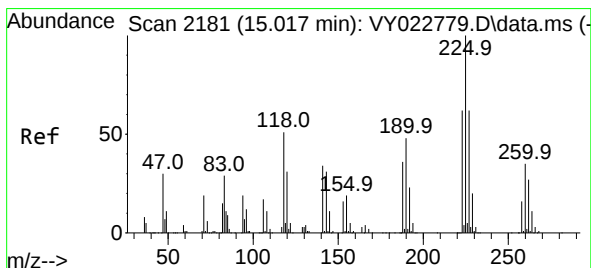
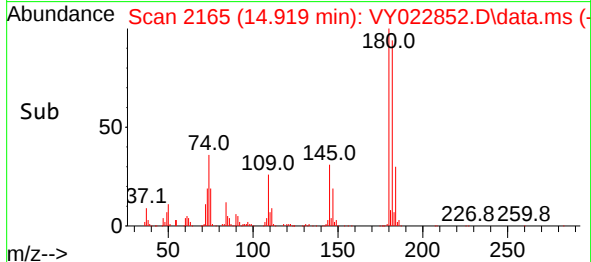
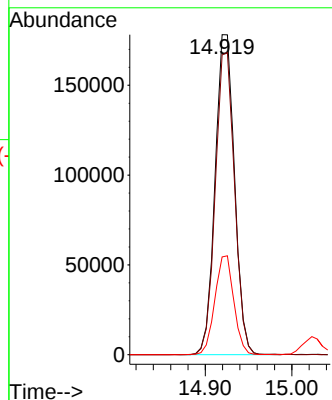
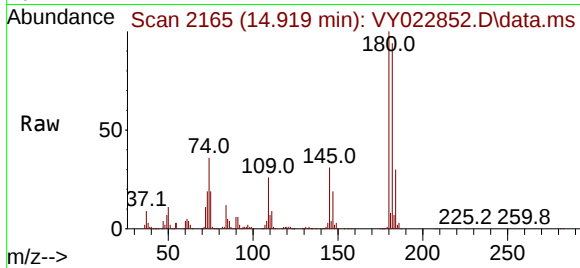




#93
1,2,4-Trichlorobenzene
Concen: 51.771 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

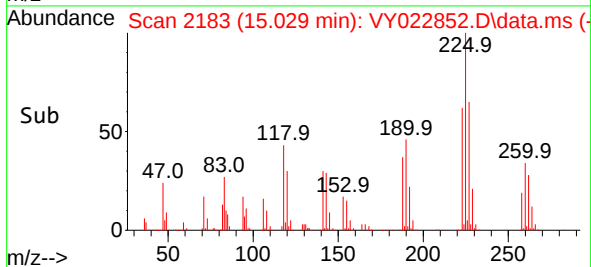
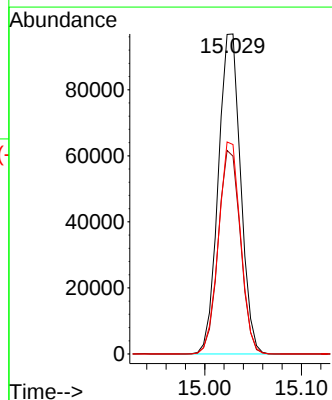
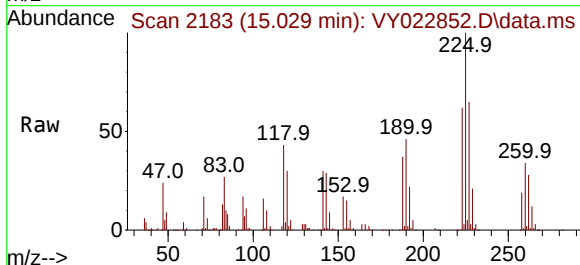
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

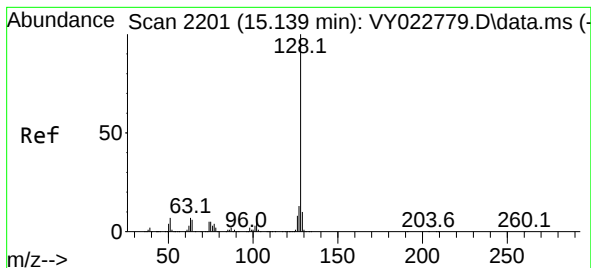
Tgt Ion:180 Resp: 277456
Ion Ratio Lower Upper
180 100
182 93.8 48.4 145.3
145 30.2 15.5 46.5



#94
Hexachlorobutadiene
Concen: 51.179 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022852.D
Acq: 27 Jun 2025 11:00

Tgt Ion:225 Resp: 155100
Ion Ratio Lower Upper
225 100
223 63.2 32.5 97.4
227 65.3 32.3 96.9





#95

Naphthalene

Concen: 50.246 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

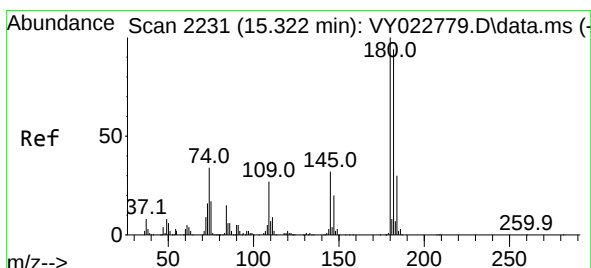
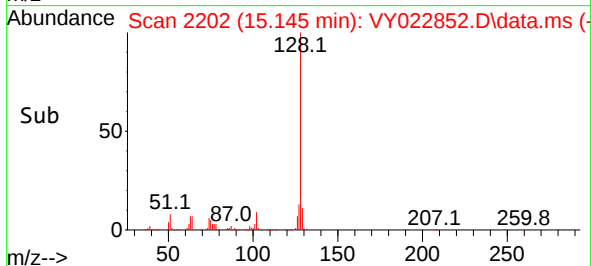
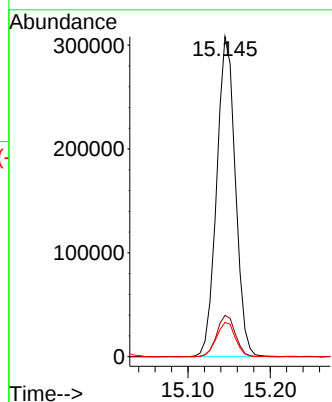
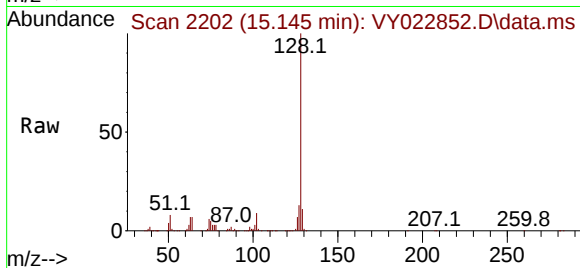
Tgt Ion:128 Resp: 486957

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.589 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022852.D

Acq: 27 Jun 2025 11:00

Tgt Ion:180 Resp: 229649

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 31.1 15.2 45.6

