

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021804.D
 Acq On : 07 Apr 2025 17:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 08 03:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	224532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	341352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122404	50.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.634	113	98899	44.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.320%	
50) Toluene-d8	10.109	98	440661	52.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.408	95	154801	54.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	109111	46.885	ug/l	98
3) Chloromethane	2.068	50	149962	45.826	ug/l	98
4) Vinyl Chloride	2.202	62	172733	46.675	ug/l	97
5) Bromomethane	2.592	94	109683	43.454	ug/l	97
6) Chloroethane	2.733	64	113301	46.787	ug/l	100
7) Trichlorofluoromethane	3.056	101	224789	47.416	ug/l	98
8) Diethyl Ether	3.452	74	62320	48.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	122782	49.106	ug/l	99
10) Methyl Iodide	4.001	142	148881	54.276	ug/l	99
11) Tert butyl alcohol	4.866	59	38412	243.094	ug/l	100
12) 1,1-Dichloroethene	3.787	96	116318	49.389	ug/l	99
13) Acrolein	3.659	56	22716	78.732	ug/l	97
14) Allyl chloride	4.385	41	184227	49.061	ug/l	98
15) Acrylonitrile	5.061	53	136191	253.002	ug/l	99
16) Acetone	3.873	43	104517	209.922	ug/l	99
17) Carbon Disulfide	4.104	76	362183	46.691	ug/l	97
18) Methyl Acetate	4.385	43	76494	61.991	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	301905	51.489	ug/l	98
20) Methylene Chloride	4.616	84	129704	53.510	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	128306	49.480	ug/l	99
22) Diisopropyl ether	6.019	45	406412	51.594	ug/l	98
23) Vinyl Acetate	5.958	43	1005856	218.278	ug/l	100
24) 1,1-Dichloroethane	5.915	63	234722	49.834	ug/l	99
25) 2-Butanone	6.890	43	172460	242.513	ug/l	99
26) 2,2-Dichloropropane	6.884	77	203337	48.532	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	147307	50.515	ug/l	98
28) Bromochloromethane	7.244	49	98094	49.382	ug/l	98
29) Tetrahydrofuran	7.262	42	118440	258.784	ug/l	100
30) Chloroform	7.421	83	246310	50.278	ug/l	96
31) Cyclohexane	7.701	56	204030	47.519	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	221309	49.982	ug/l	99
36) 1,1-Dichloropropene	7.835	75	174776	51.820	ug/l	99
37) Ethyl Acetate	6.982	43	80524	50.589	ug/l	99
38) Carbon Tetrachloride	7.817	117	201147	52.071	ug/l	100
39) Methylcyclohexane	9.110	83	213550	53.002	ug/l	98
40) Benzene	8.079	78	524100	51.889	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	41173	48.707	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	150119	52.720	ug/l	100
43) Isopropyl Acetate	8.195	43	158937	52.690	ug/l	98
44) Trichloroethene	8.866	130	153934	59.815	ug/l	98
45) 1,2-Dichloropropane	9.140	63	126060	52.726	ug/l	98
46) Dibromomethane	9.231	93	72759	52.805	ug/l	98
47) Bromodichloromethane	9.427	83	186427	52.215	ug/l	99
48) Methyl methacrylate	9.219	41	75589	54.600	ug/l	99
49) 1,4-Dioxane	9.231	88	16797	1137.947	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	437927	278.979	ug/l	99
52) Toluene	10.170	92	337143	53.500	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	165396	52.154	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	195840	52.346	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	95662	53.949	ug/l	98
56) Ethyl methacrylate	10.439	69	131852	58.234	ug/l	98
57) 1,3-Dichloropropane	10.719	76	166086	54.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	325502	294.697	ug/l	100
59) 2-Hexanone	10.762	43	291456	278.791	ug/l	99
60) Dibromochloromethane	10.914	129	128616	53.126	ug/l	100
61) 1,2-Dibromoethane	11.012	107	90766	54.567	ug/l	99
64) Tetrachloroethene	10.646	164	188331	66.382	ug/l	98
65) Chlorobenzene	11.444	112	368544	51.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	130042	51.329	ug/l	99
67) Ethyl Benzene	11.518	91	651824	53.233	ug/l	99
68) m/p-Xylenes	11.627	106	498739	106.367	ug/l	100
69) o-Xylene	11.957	106	233580	53.967	ug/l	98
70) Styrene	11.969	104	397557	55.090	ug/l	100
71) Bromoform	12.133	173	76677	53.058	ug/l #	100
73) Isopropylbenzene	12.255	105	623474	49.859	ug/l	100
74) N-amyl acetate	12.072	43	147196	50.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	69040	30.709	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	147788	88.555	ug/l #	100
77) Bromobenzene	12.530	156	148624	49.502	ug/l	98
78) n-propylbenzene	12.597	91	755384	50.246	ug/l	99
79) 2-Chlorotoluene	12.682	91	429871	49.230	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	515287	50.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33694	46.520	ug/l	99
82) 4-Chlorotoluene	12.780	91	446850	49.086	ug/l	100
83) tert-Butylbenzene	12.999	119	452797	49.742	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	519749	51.455	ug/l	99
85) sec-Butylbenzene	13.176	105	670543	50.405	ug/l	99
86) p-Isopropyltoluene	13.292	119	567055	51.574	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	291683	49.310	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	288989	49.448	ug/l	99
89) n-Butylbenzene	13.621	91	522872	51.422	ug/l	100
90) Hexachloroethane	13.877	117	117807	48.894	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	257864	50.078	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17640	50.624	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	152417	54.582	ug/l	99
94) Hexachlorobutadiene	15.023	225	90260	51.756	ug/l	99
95) Naphthalene	15.145	128	278323	60.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	132748	55.748	ug/l	100

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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

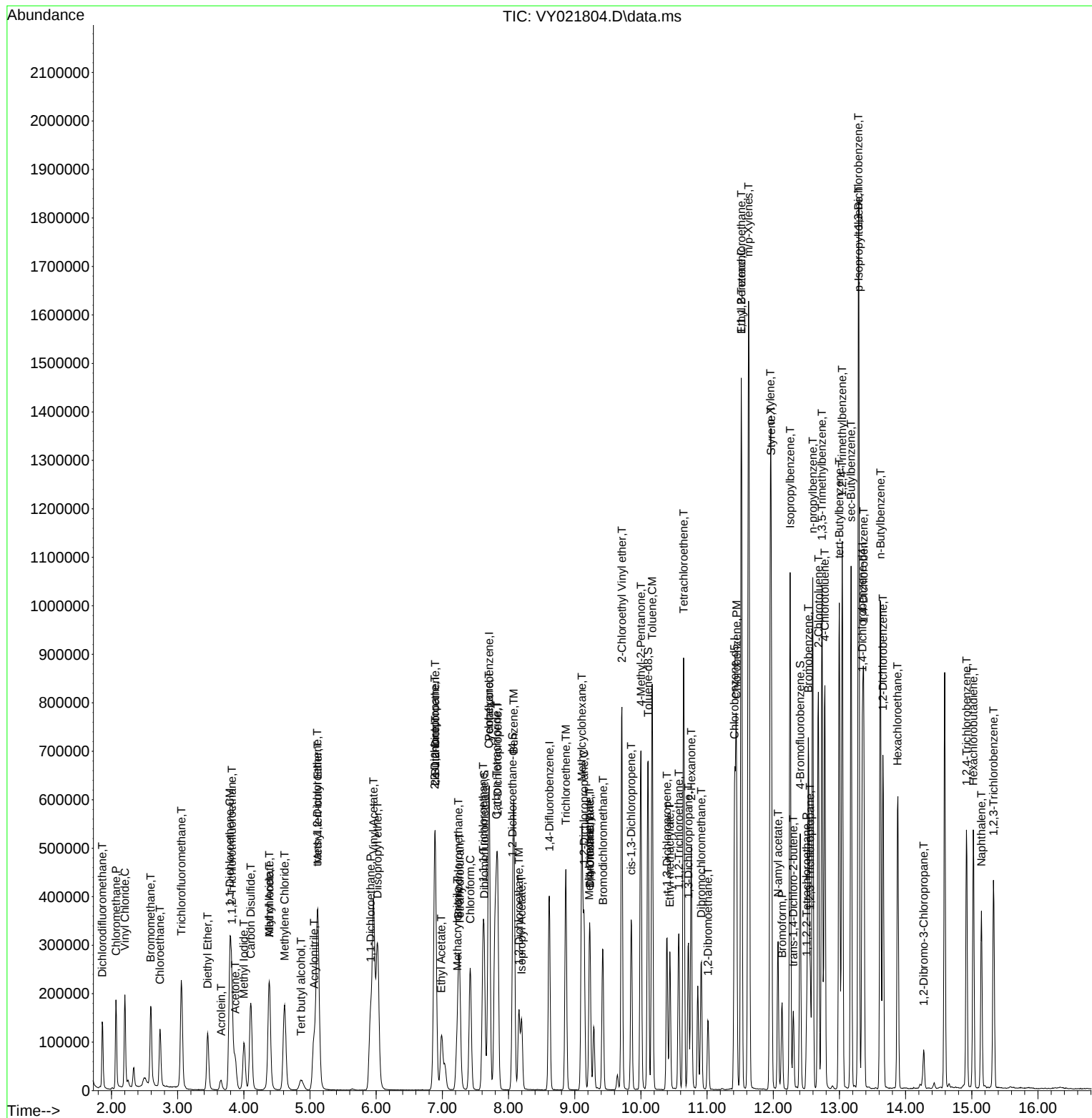
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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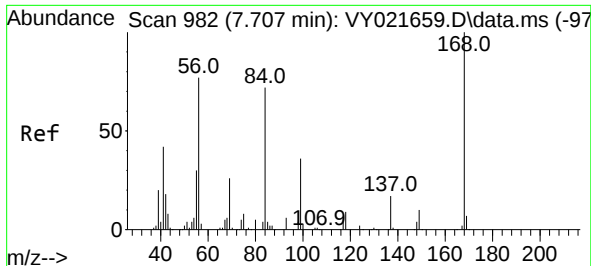
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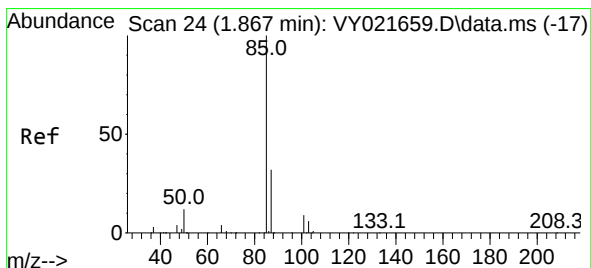
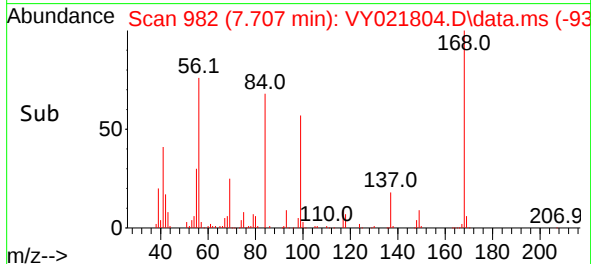
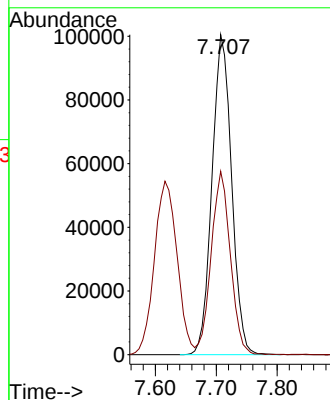
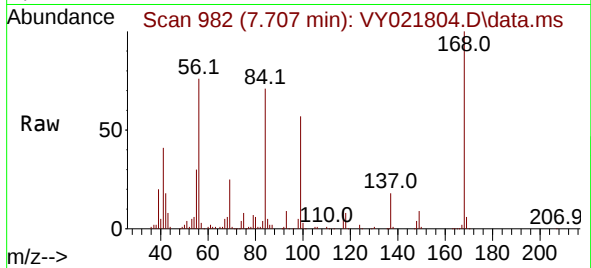




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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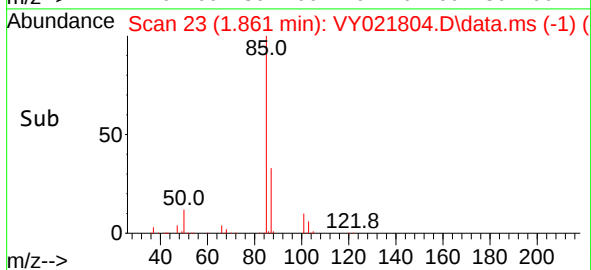
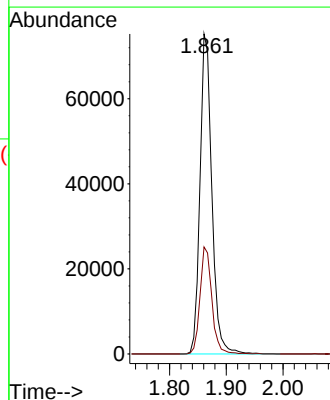
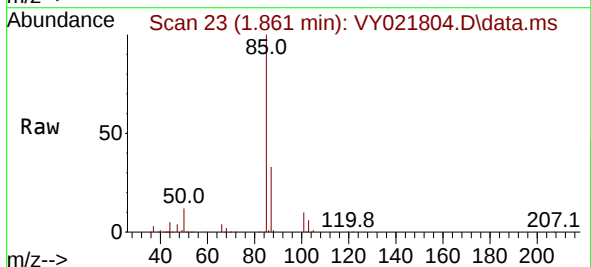
Instrument :
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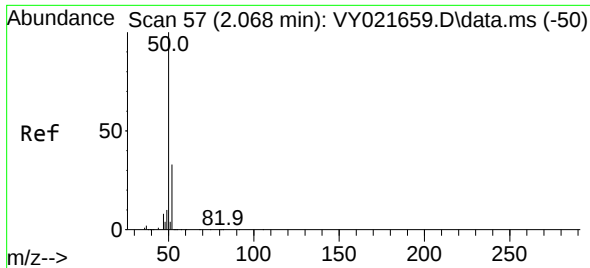
Tgt Ion:168 Resp: 224532
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 46.885 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 85 Resp: 109111
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.6

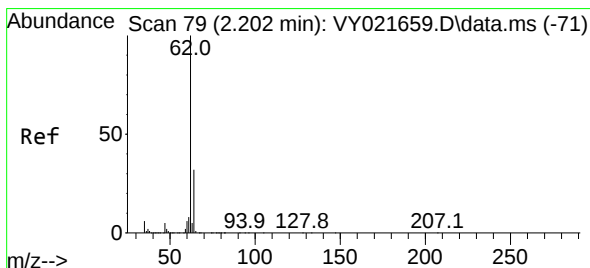
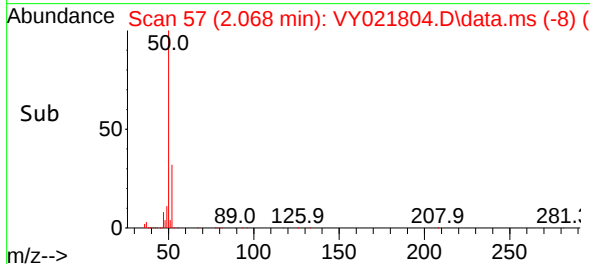
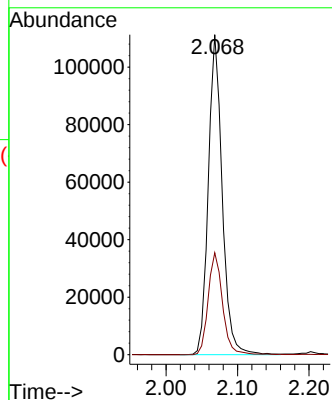
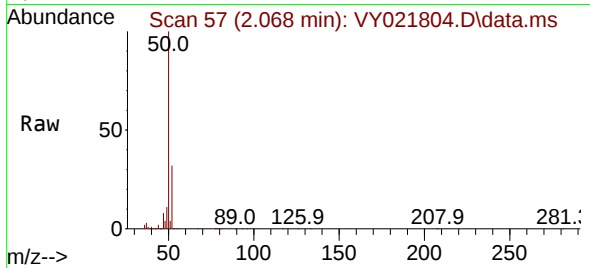




#3
Chloromethane
Concen: 45.826 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

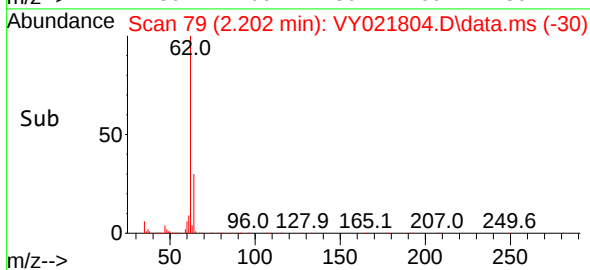
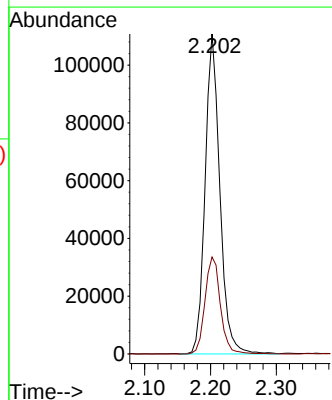
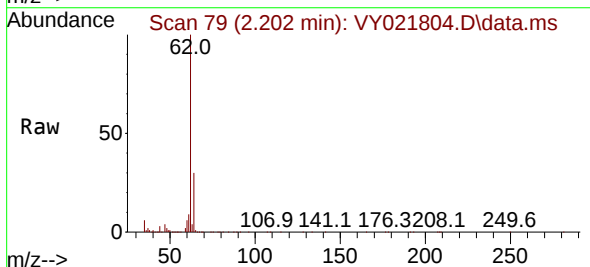
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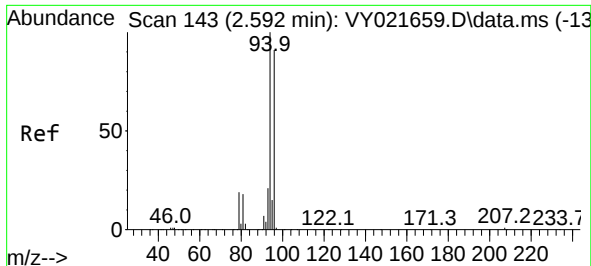
Tgt Ion: 50 Resp: 149962
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 46.675 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 62 Resp: 172733
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3

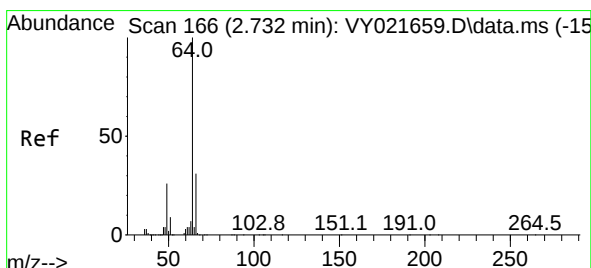
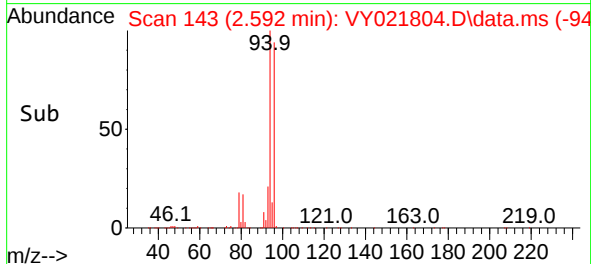
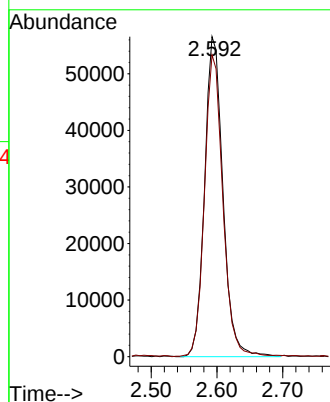
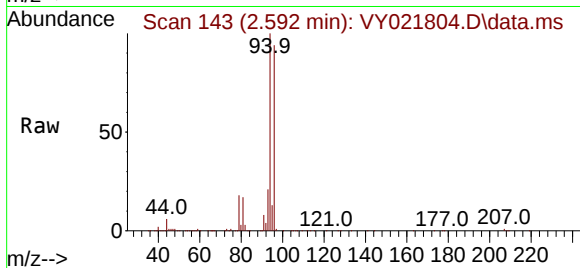




#5
Bromomethane
Concen: 43.454 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021804.D
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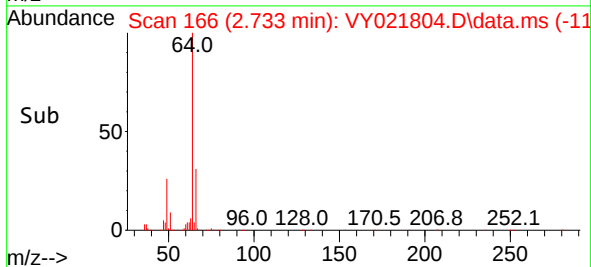
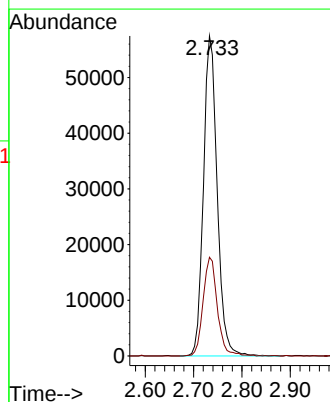
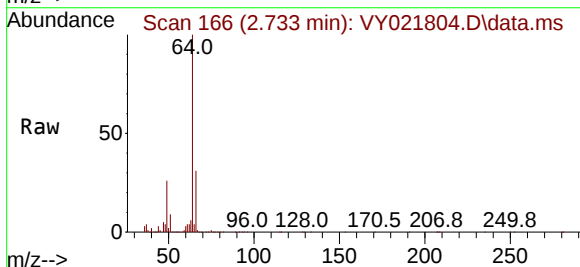
Instrument :
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Tgt Ion: 94 Resp: 109683
Ion Ratio Lower Upper
94 100
96 94.1 72.8 109.2



#6
Chloroethane
Concen: 46.787 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 64 Resp: 113301
Ion Ratio Lower Upper
64 100
66 30.9 24.9 37.3

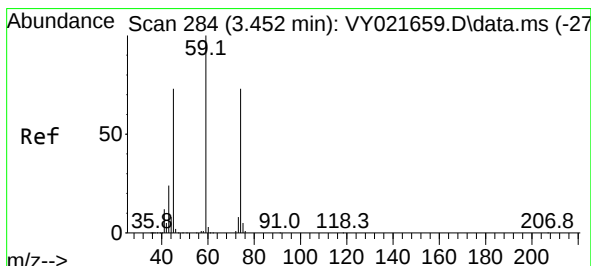
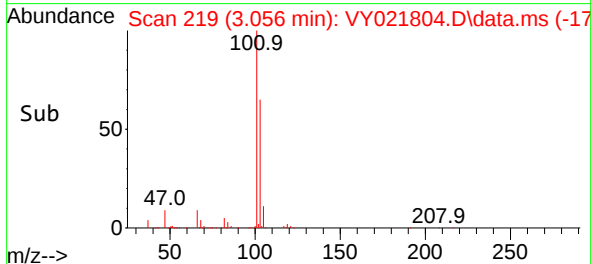
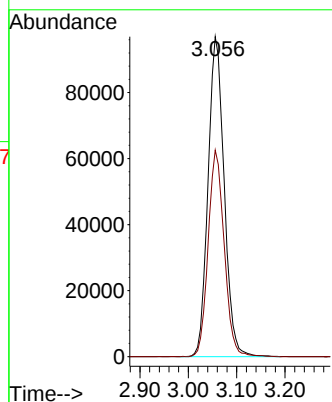
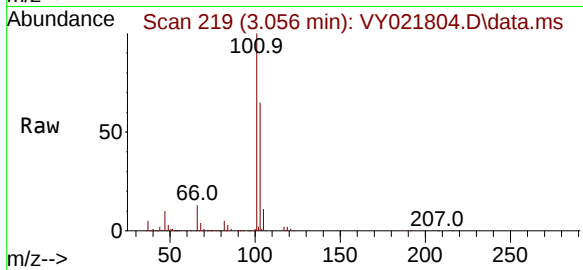




#7
 Trichlorofluoromethane
 Concen: 47.416 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021804.D
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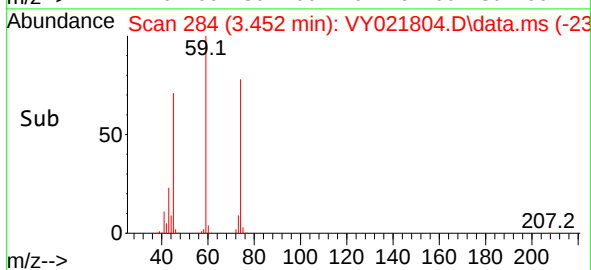
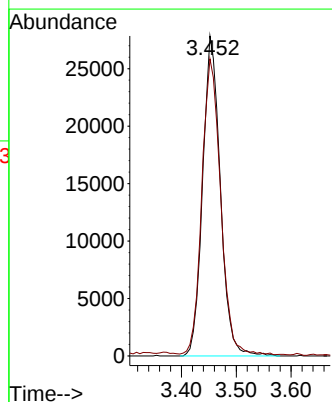
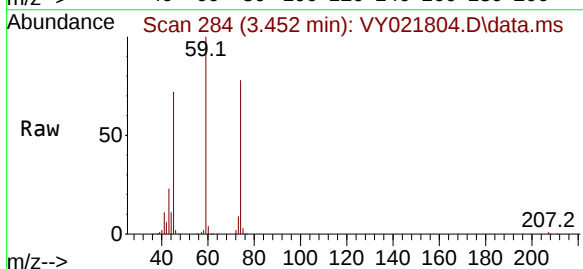
Instrument :
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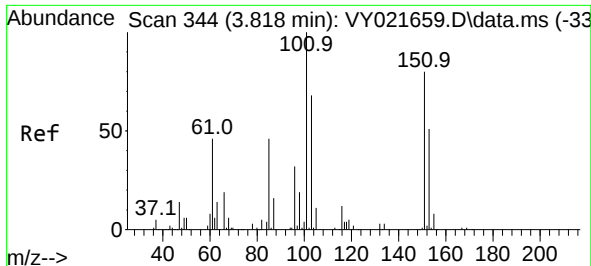
Tgt Ion:101 Resp: 224789
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 48.339 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021804.D
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Tgt Ion: 74 Resp: 62320
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.6 145.8

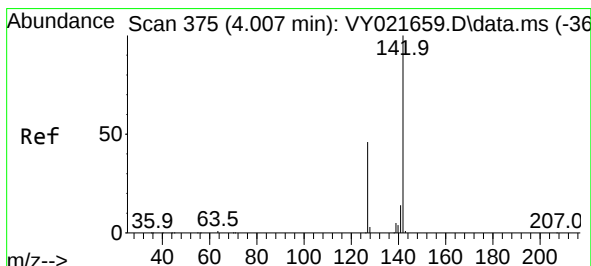
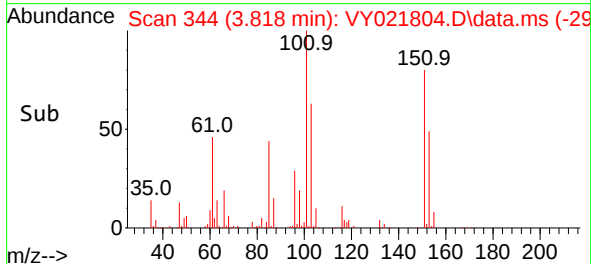
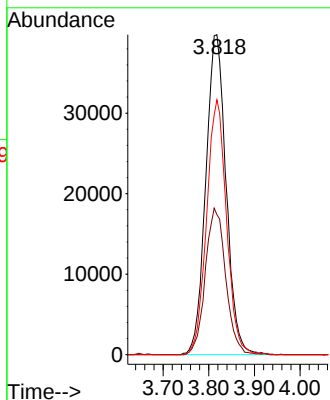
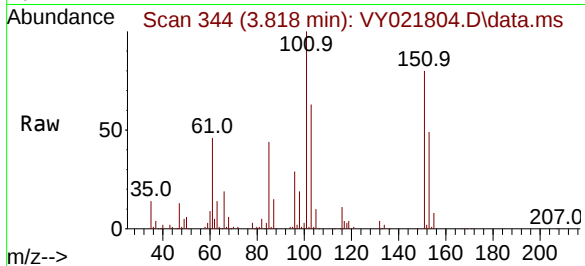




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.106 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

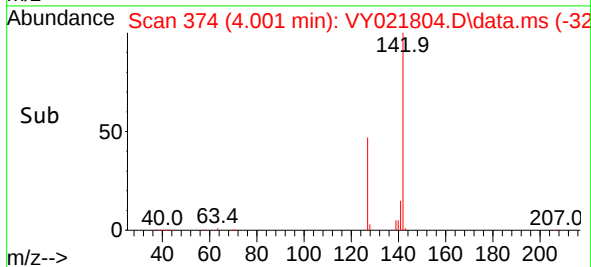
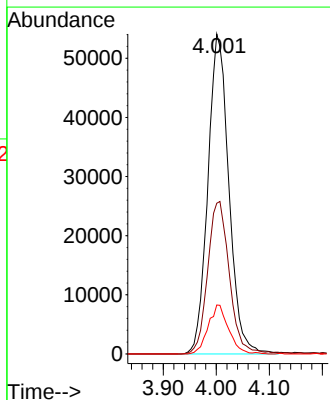
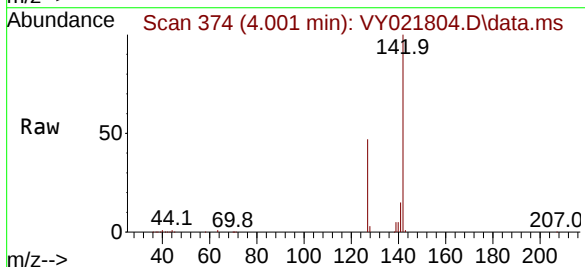
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

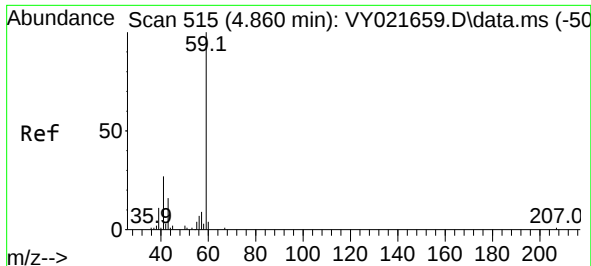
Tgt Ion:101 Resp: 122782
Ion Ratio Lower Upper
101 100
85 46.1 36.3 54.5
151 78.1 61.3 91.9



#10
Methyl Iodide
Concen: 54.276 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

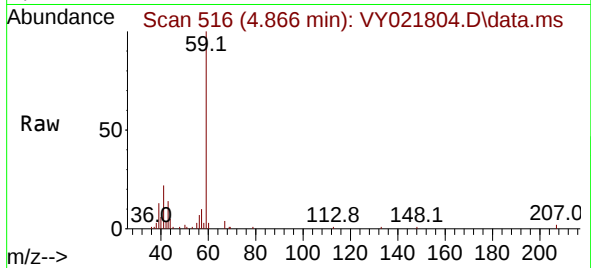
Tgt Ion:142 Resp: 148881
Ion Ratio Lower Upper
142 100
127 49.5 38.7 58.1
141 14.8 11.5 17.3



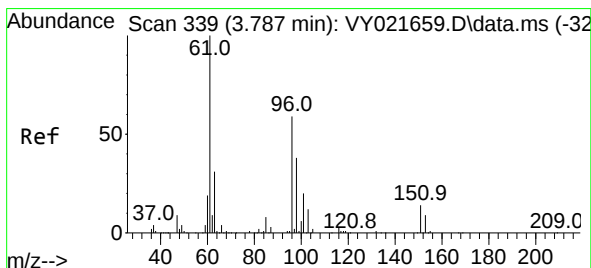
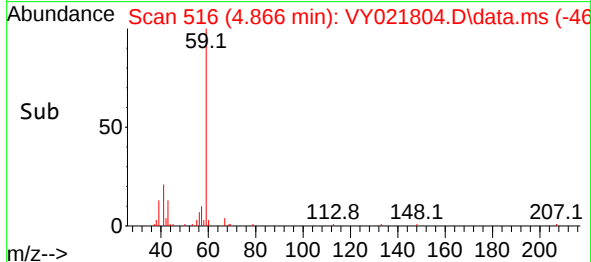
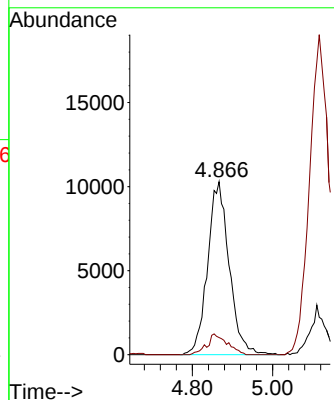


#11
Tert butyl alcohol
Concen: 243.094 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

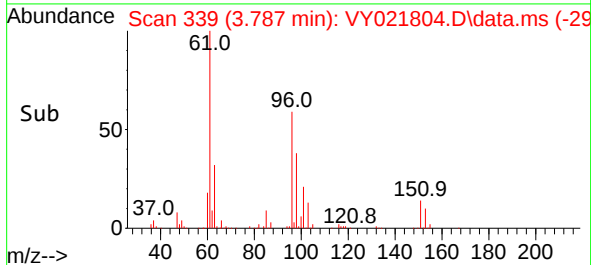
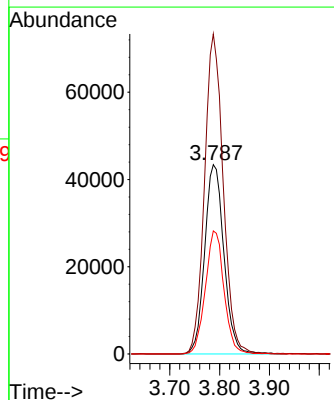
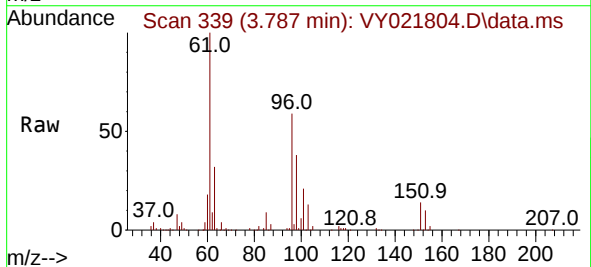


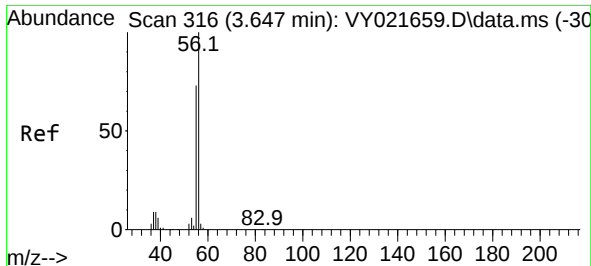
Tgt Ion: 59 Resp: 38412
Ion Ratio Lower Upper
59 100
57 11.3 9.2 13.8



#12
1,1-Dichloroethene
Concen: 49.389 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 96 Resp: 116318
Ion Ratio Lower Upper
96 100
61 169.1 136.6 204.8
98 65.0 52.3 78.5





#13

Acrolein

Concen: 78.732 ug/l

RT: 3.659 min Scan# 316

Delta R.T. 0.012 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

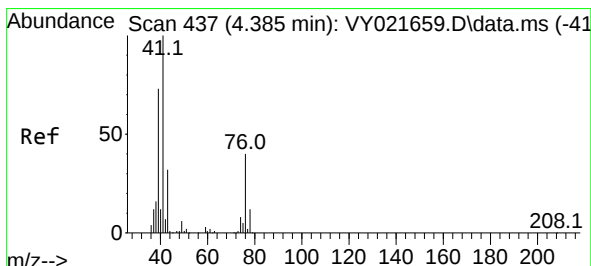
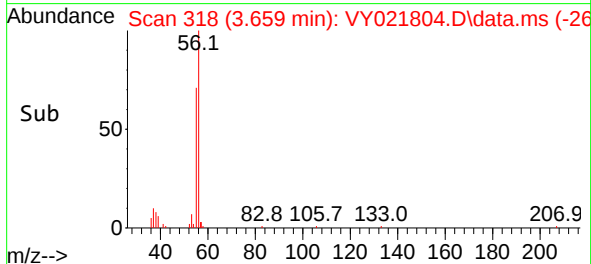
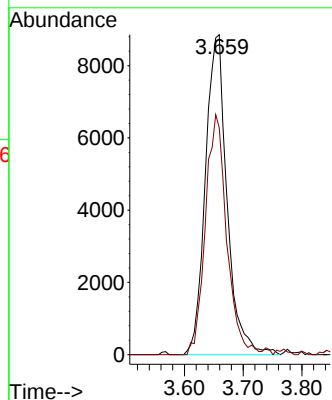
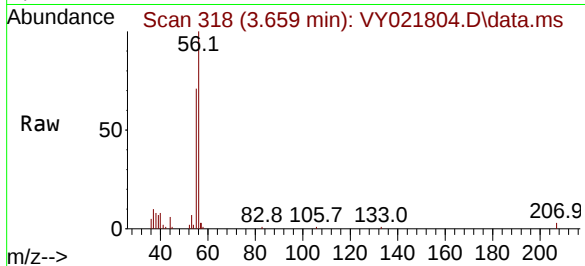
VSTDCCC050EC

Tgt Ion: 56 Resp: 22716

Ion Ratio Lower Upper

56 100

55 73.5 56.6 85.0



#14

Allyl chloride

Concen: 49.061 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

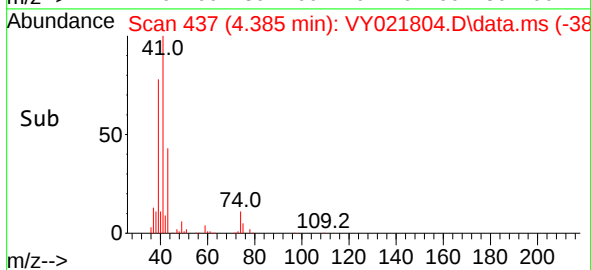
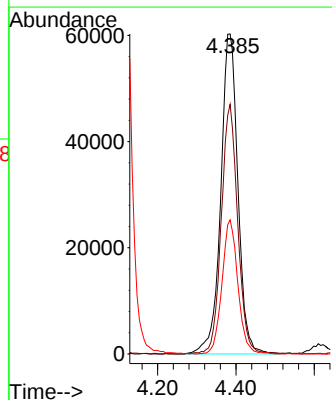
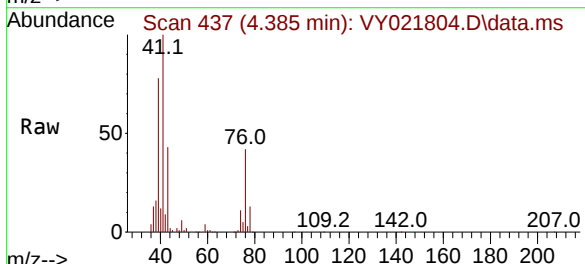
Tgt Ion: 41 Resp: 184227

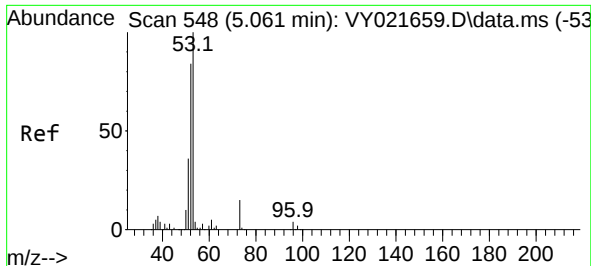
Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

76 38.8 30.3 45.5

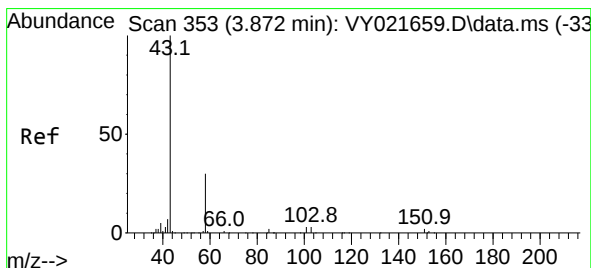
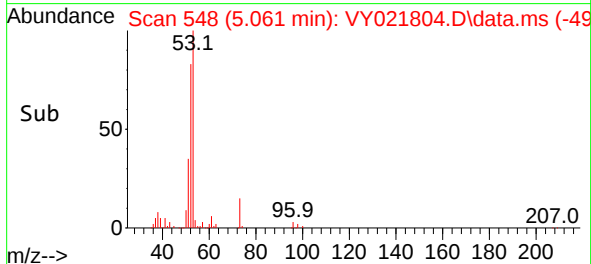
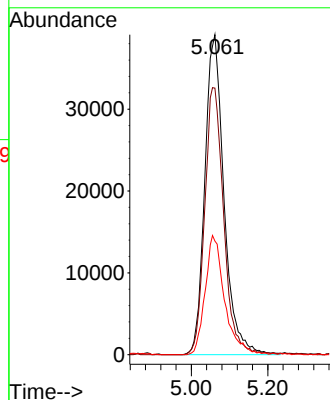
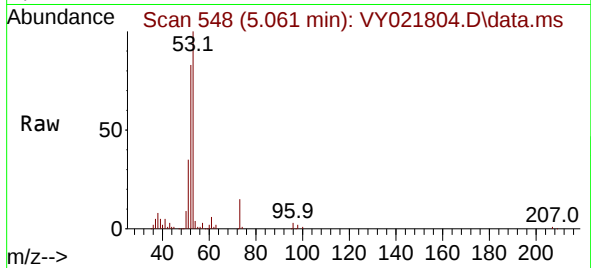




#15
Acrylonitrile
Concen: 253.002 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

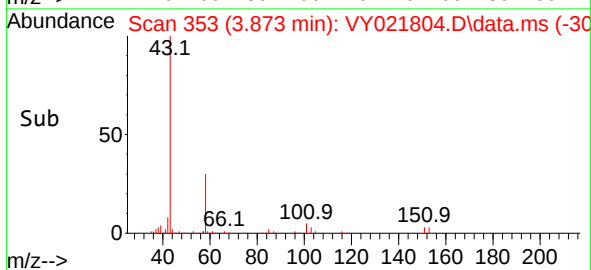
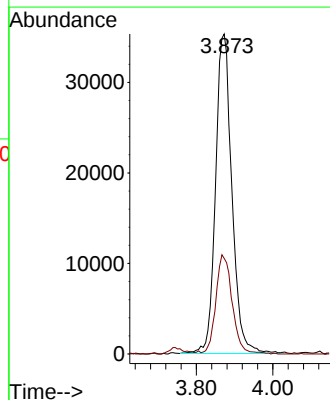
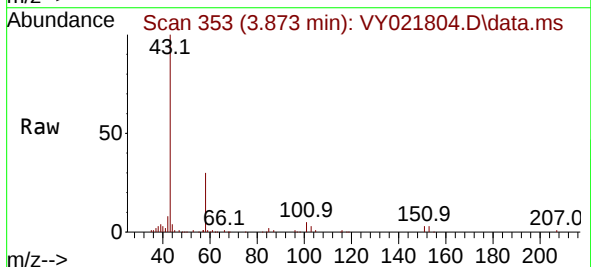
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

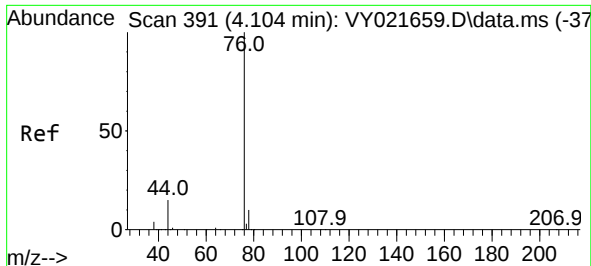
Tgt Ion: 53 Resp: 136191
Ion Ratio Lower Upper
53 100
52 82.7 64.9 97.3
51 37.8 30.2 45.2



#16
Acetone
Concen: 209.922 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 43 Resp: 104517
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4

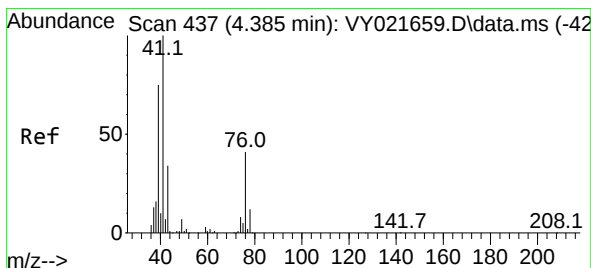
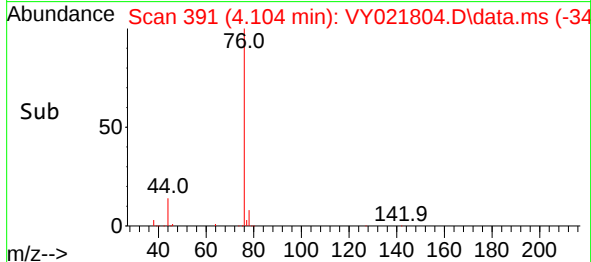
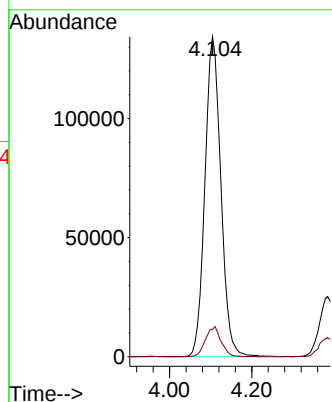
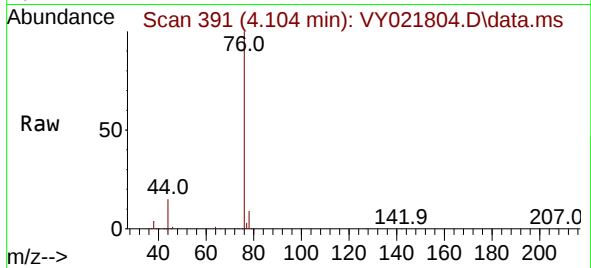




#17
Carbon Disulfide
Concen: 46.691 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

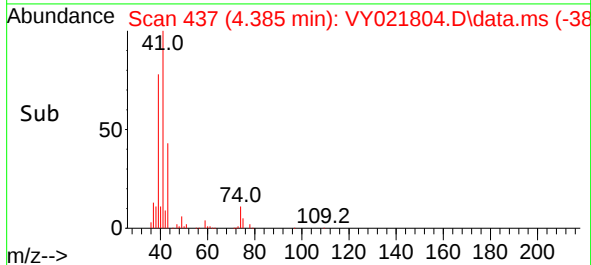
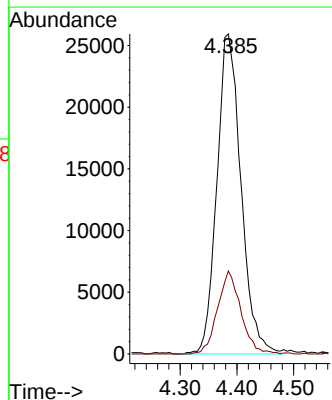
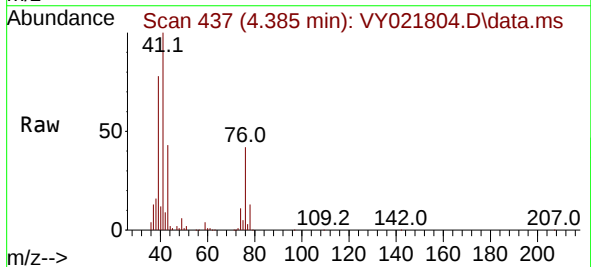
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 362183
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 61.991 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 43 Resp: 76494
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 51.489 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

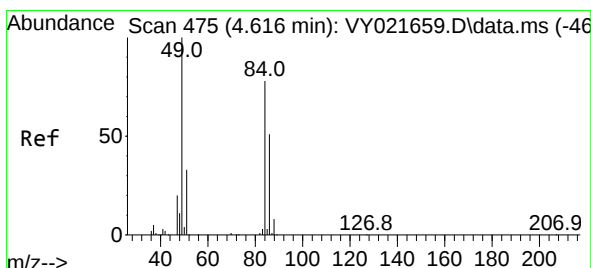
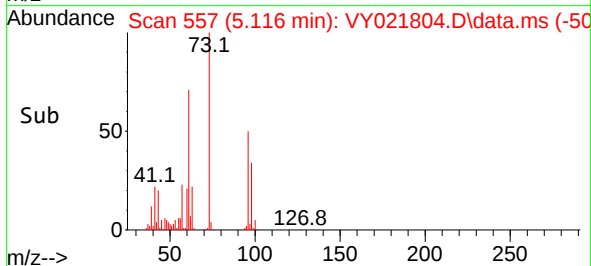
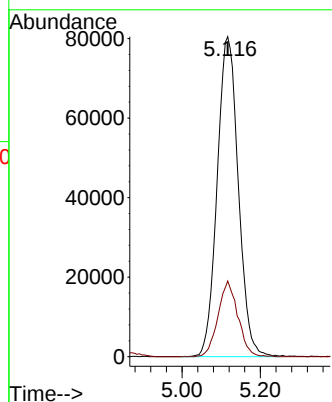
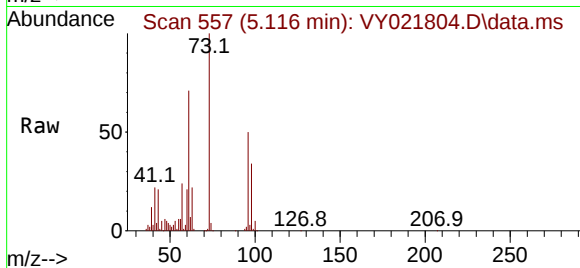
VSTDCCC050EC

Tgt Ion: 73 Resp: 301905

Ion Ratio Lower Upper

73 100

57 23.7 18.1 27.1



#20

Methylene Chloride

Concen: 53.510 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Tgt Ion: 84 Resp: 129704

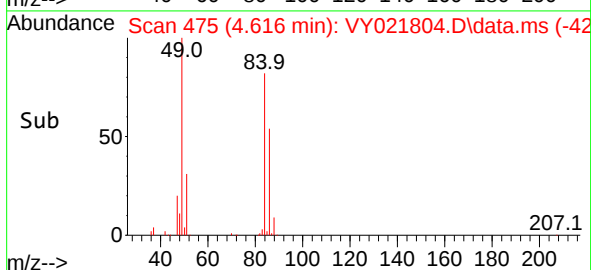
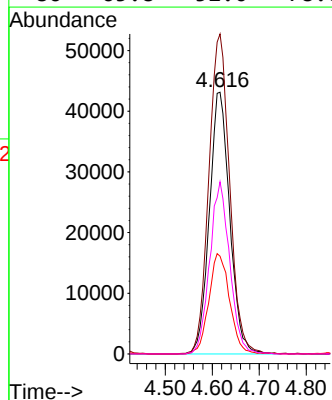
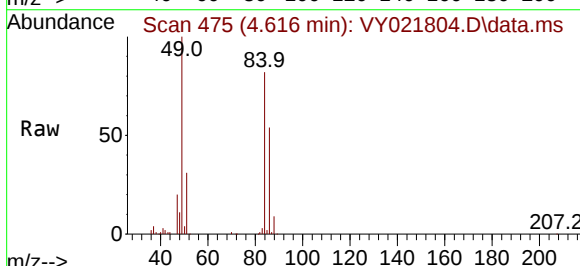
Ion Ratio Lower Upper

84 100

49 122.1 102.8 154.2

51 37.4 33.5 50.3

86 65.8 52.0 78.0

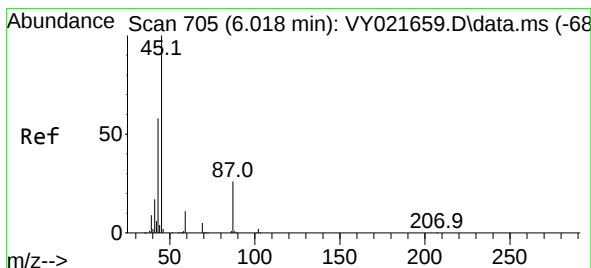
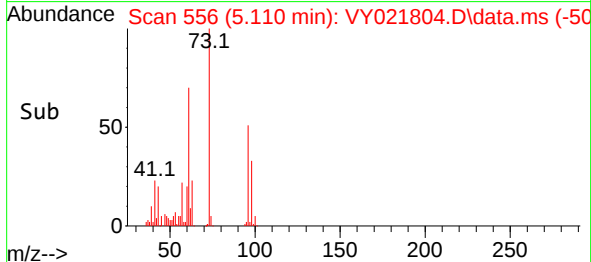
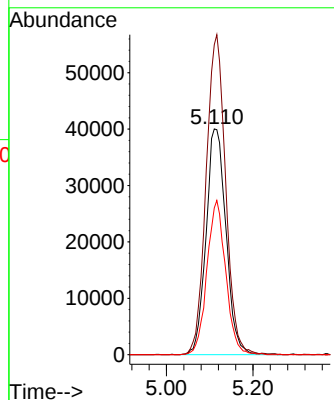
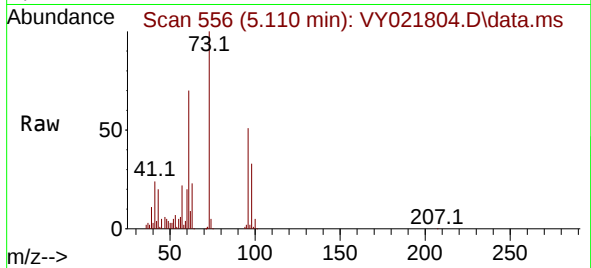




#21
trans-1,2-Dichloroethene
Concen: 49.480 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

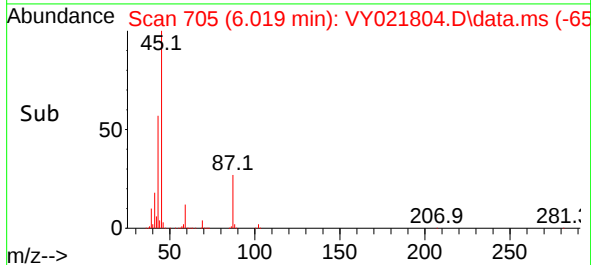
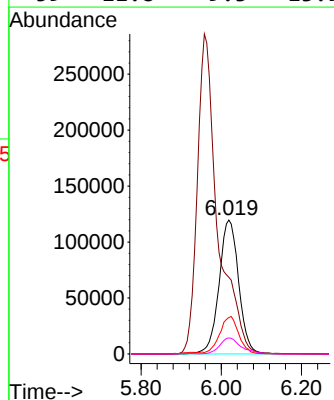
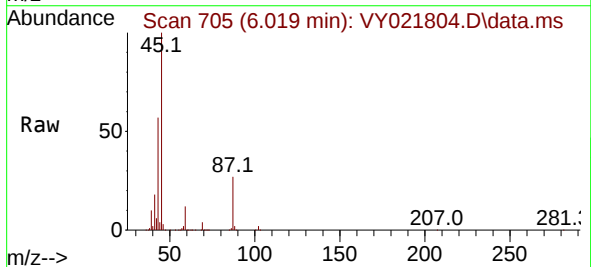
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

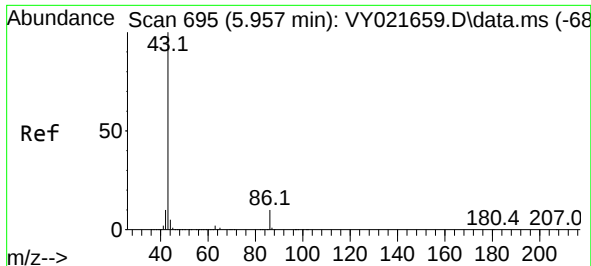
Tgt Ion: 96 Resp: 128306
Ion Ratio Lower Upper
96 100
61 137.3 109.4 164.0
98 64.9 50.2 75.2



#22
Diisopropyl ether
Concen: 51.594 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 45 Resp: 406412
Ion Ratio Lower Upper
45 100
43 56.9 46.6 69.8
87 27.2 20.7 31.1
59 11.8 9.3 13.9

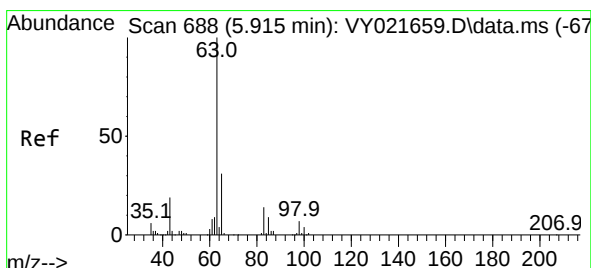
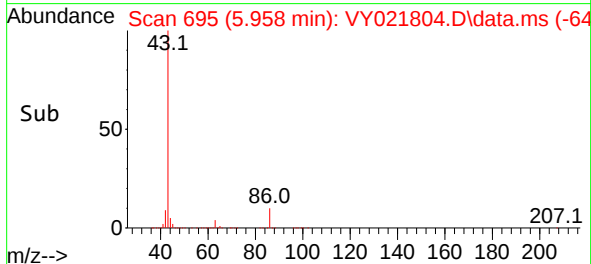
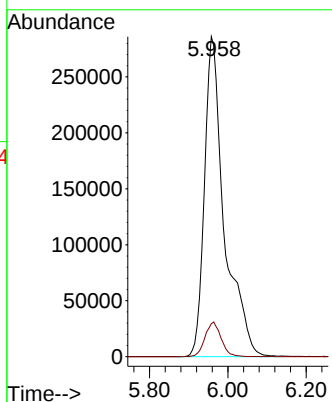
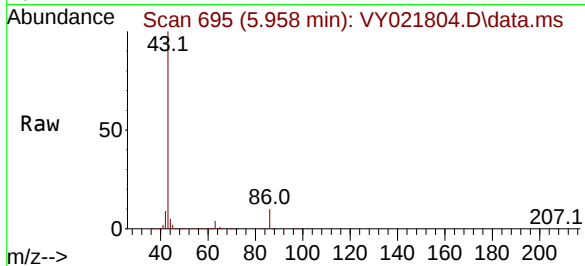




#23
 Vinyl Acetate
 Concen: 218.278 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

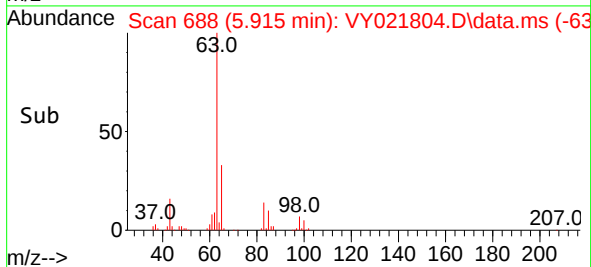
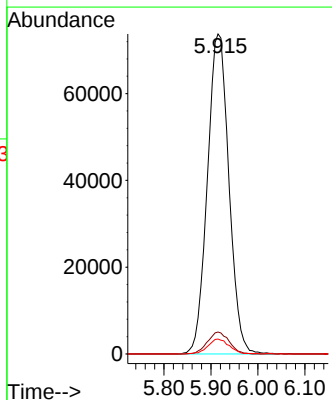
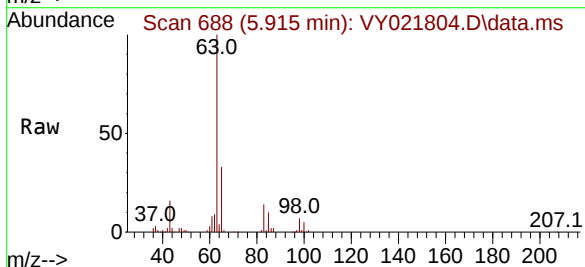
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

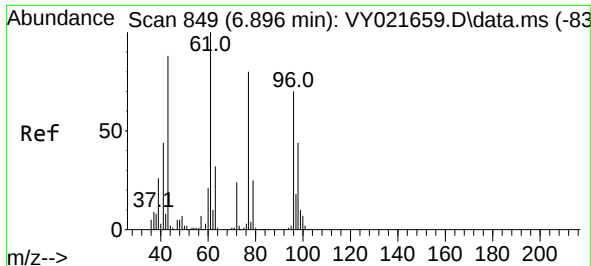
Tgt Ion: 43 Resp: 1005856
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.834 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

Tgt Ion: 63 Resp: 234722
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.6 2.2 6.6

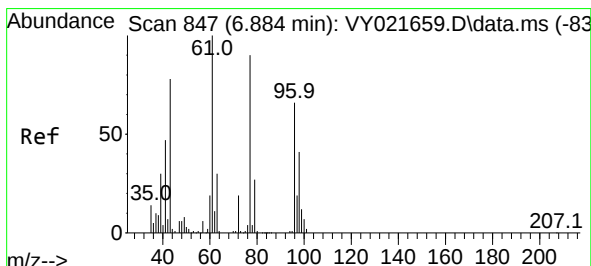
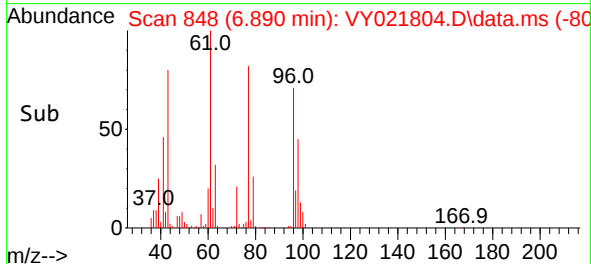
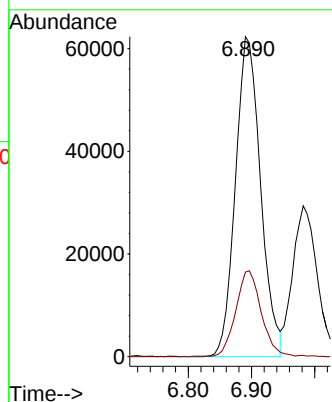
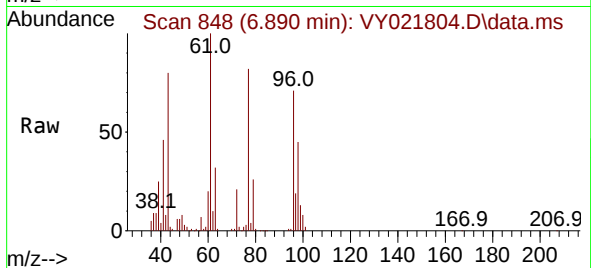




#25
2-Butanone
Concen: 242.513 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

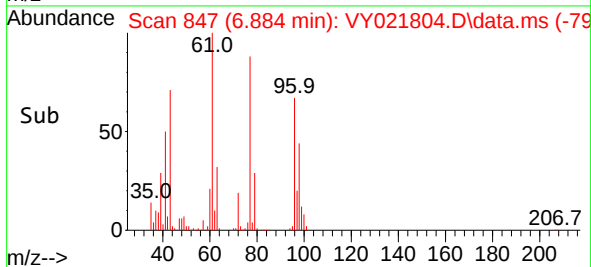
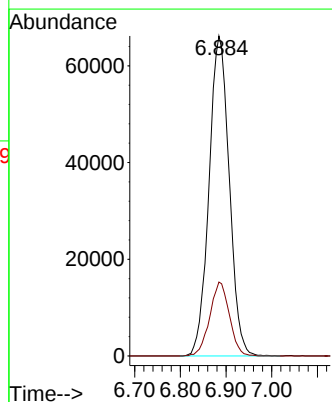
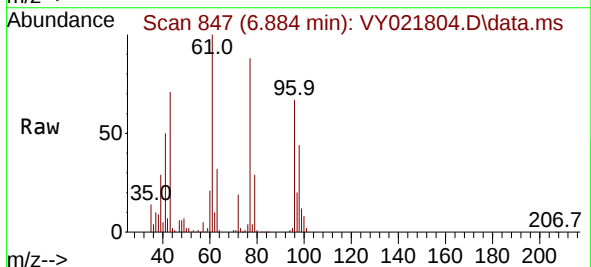
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 172460
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.532 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 77 Resp: 203337
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.515 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

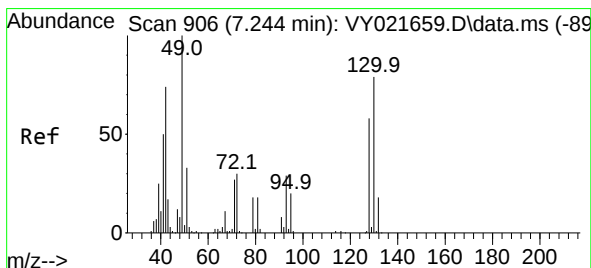
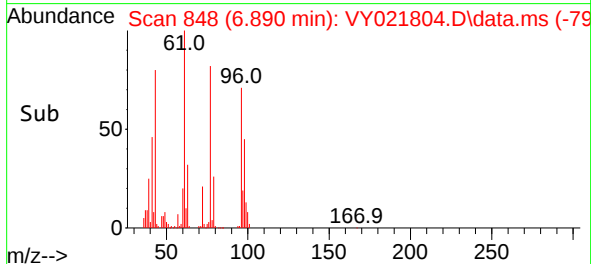
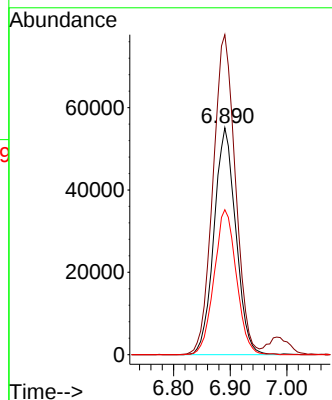
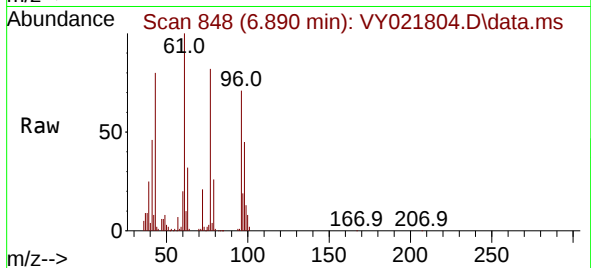
Tgt Ion: 96 Resp: 147307

Ion Ratio Lower Upper

96 100

61 145.1 0.0 296.4

98 65.4 0.0 128.0



#28

Bromochloromethane

Concen: 49.382 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

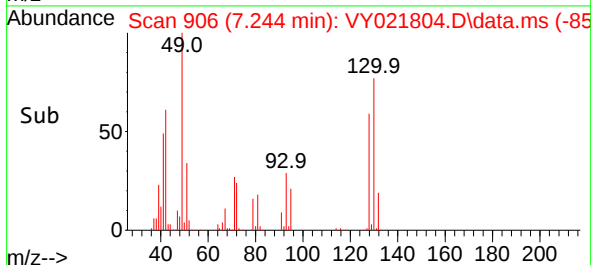
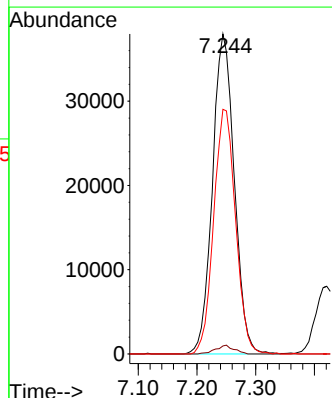
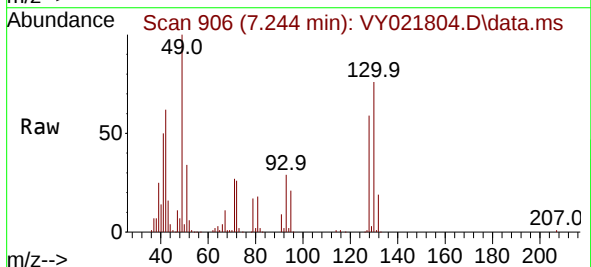
Tgt Ion: 49 Resp: 98094

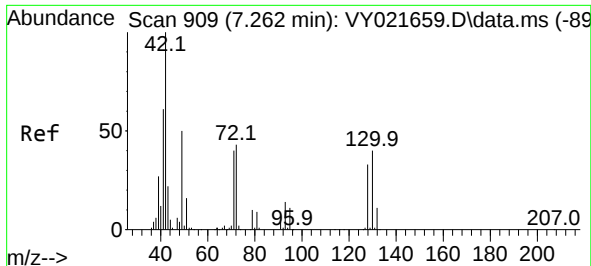
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.6 60.1 90.1





#29

Tetrahydrofuran

Concen: 258.784 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

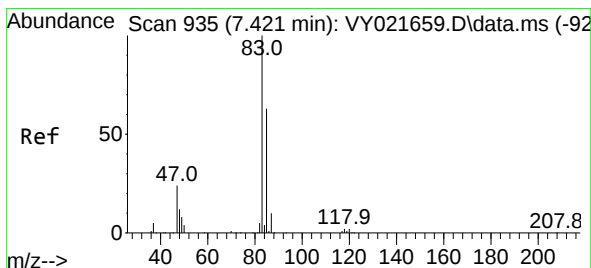
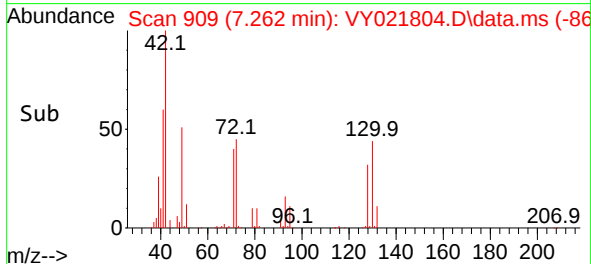
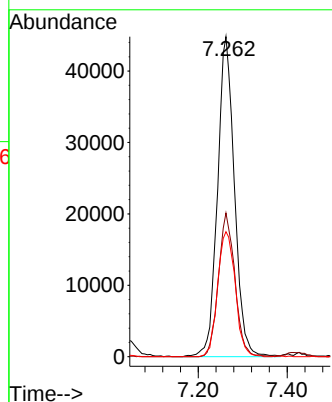
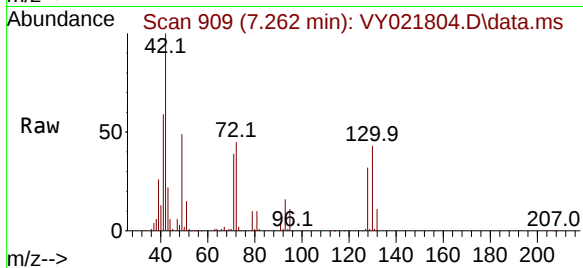
Tgt Ion: 42 Resp: 118440

Ion Ratio Lower Upper

42 100

72 43.6 34.6 52.0

71 40.6 32.5 48.7



#30

Chloroform

Concen: 50.278 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021804.D

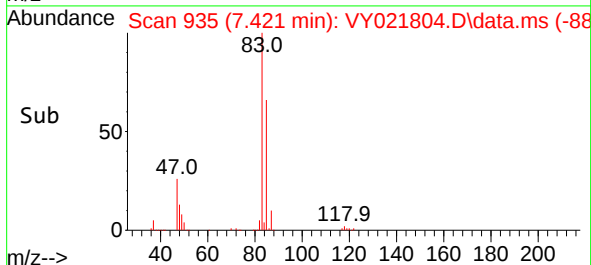
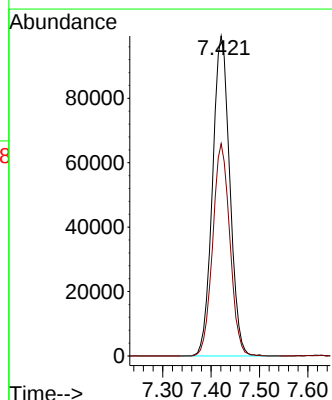
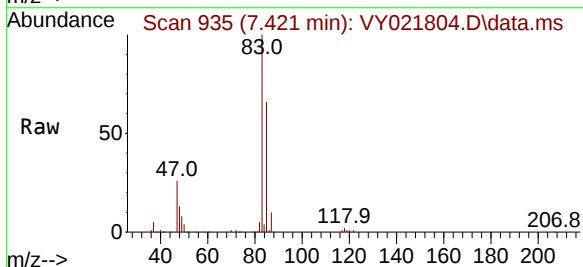
Acq: 07 Apr 2025 17:29

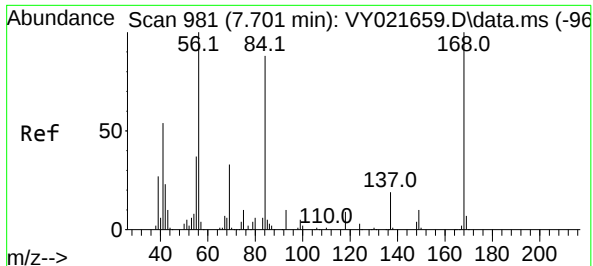
Tgt Ion: 83 Resp: 246310

Ion Ratio Lower Upper

83 100

85 66.4 50.6 75.8

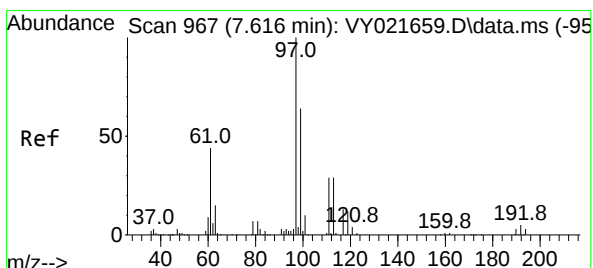
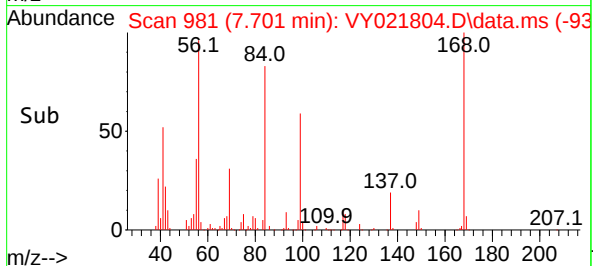
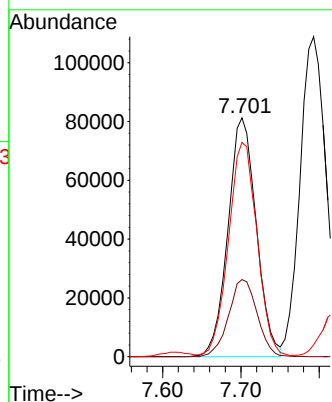
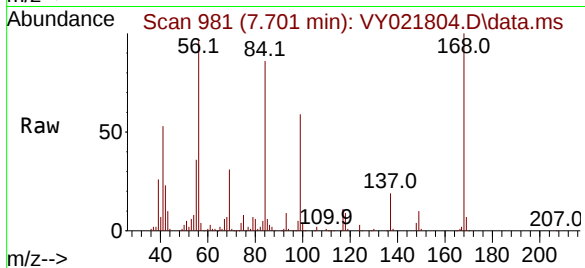




#31
Cyclohexane
Concen: 47.519 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

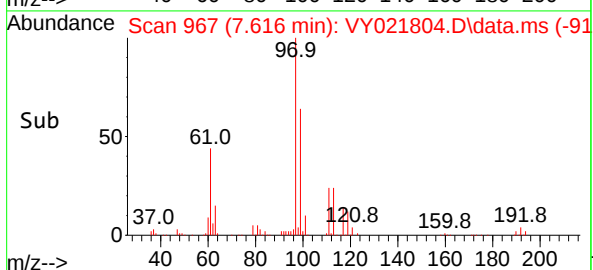
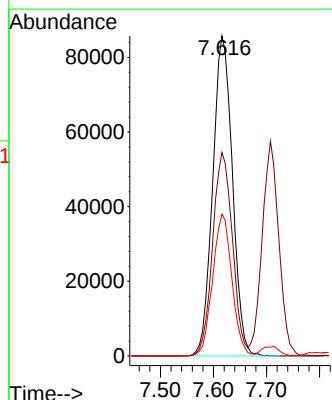
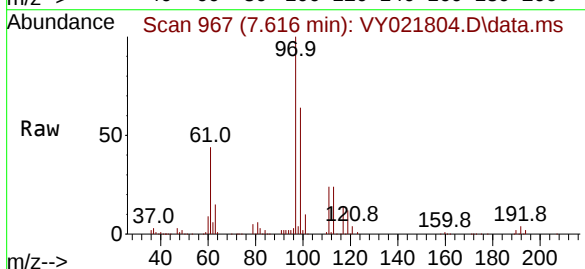
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

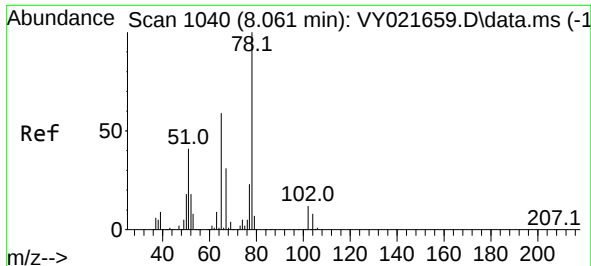
Tgt Ion: 56 Resp: 204030
Ion Ratio Lower Upper
56 100
69 32.3 26.6 40.0
84 87.9 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.982 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 97 Resp: 221309
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.315 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

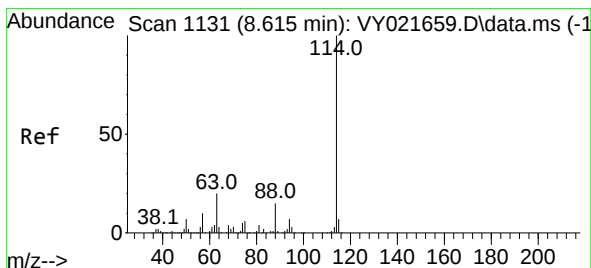
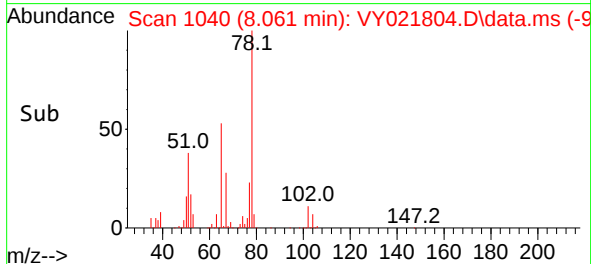
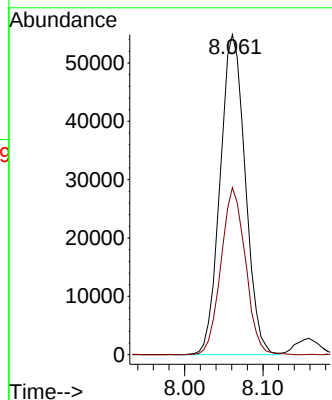
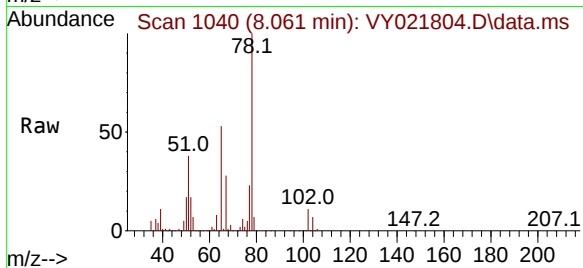
VSTDCCC050EC

Tgt Ion: 65 Resp: 122404

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

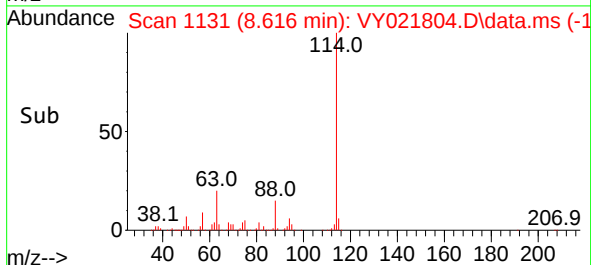
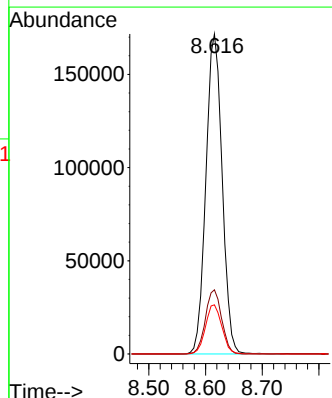
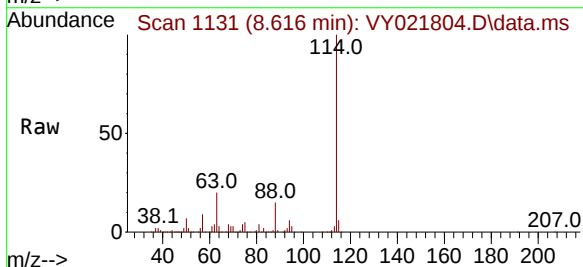
Tgt Ion: 114 Resp: 341352

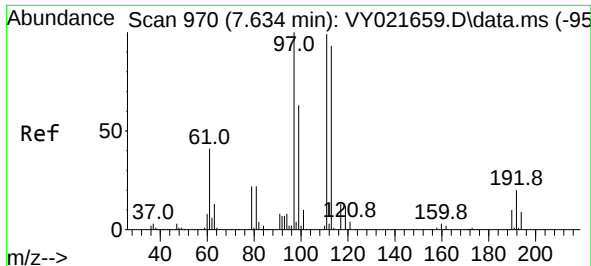
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.3 0.0 29.8

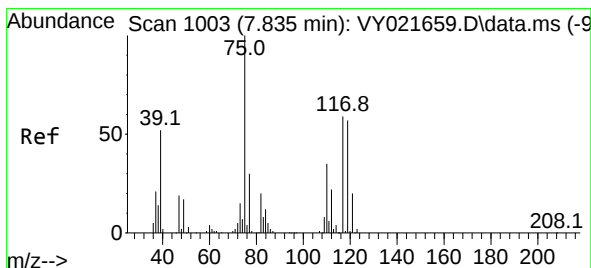
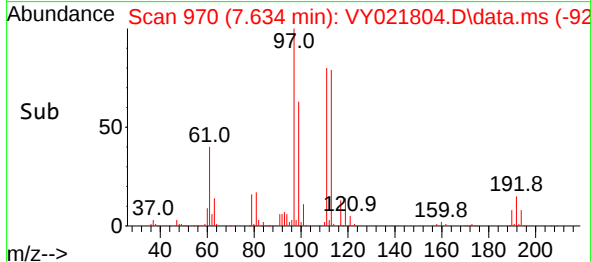
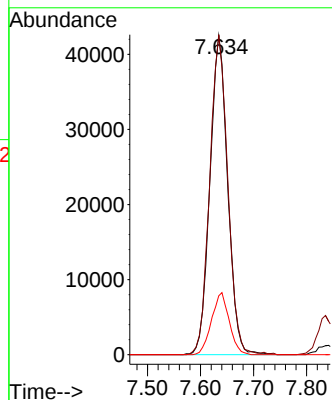
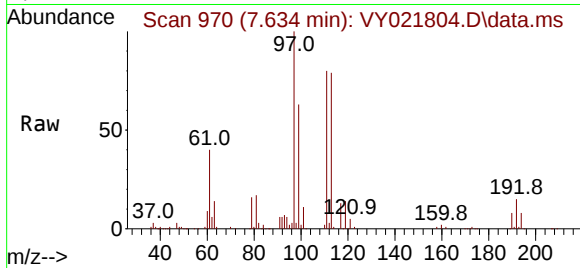




#35
Dibromofluoromethane
Concen: 44.664 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

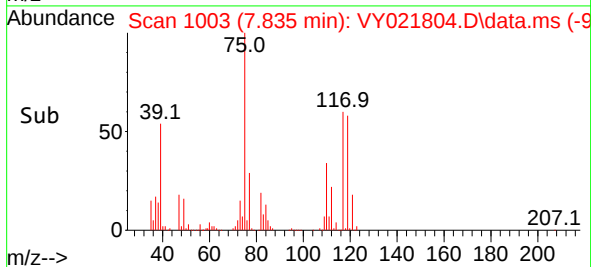
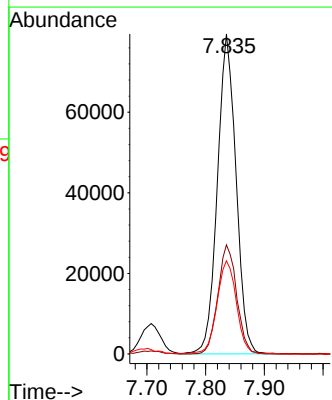
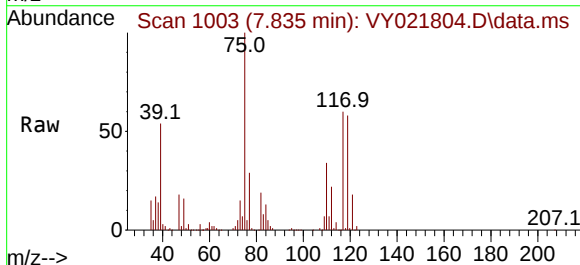
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

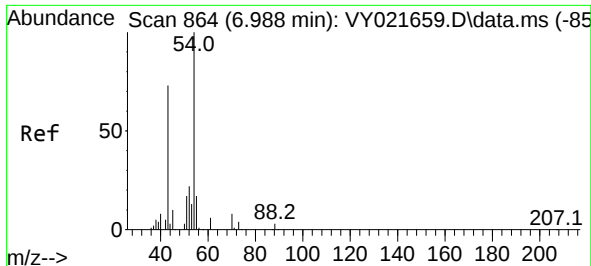
Tgt Ion:113 Resp: 98899
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 51.820 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 75 Resp: 174776
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 50.589 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

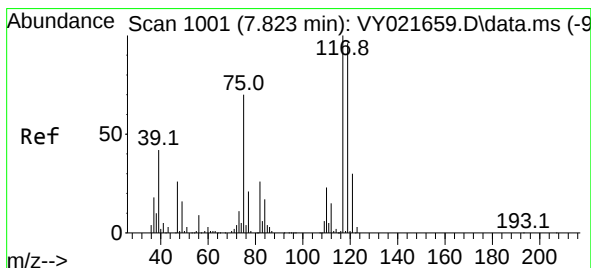
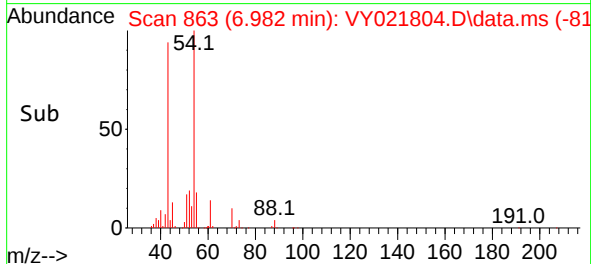
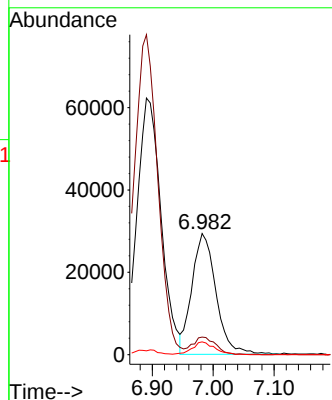
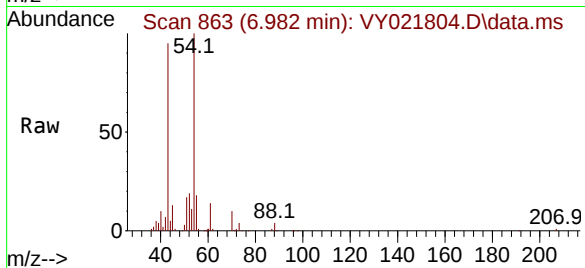
Tgt Ion: 43 Resp: 80524

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

70 9.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 52.071 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

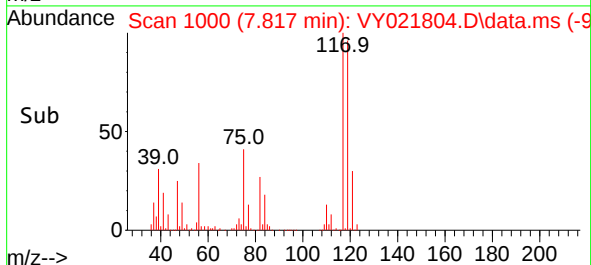
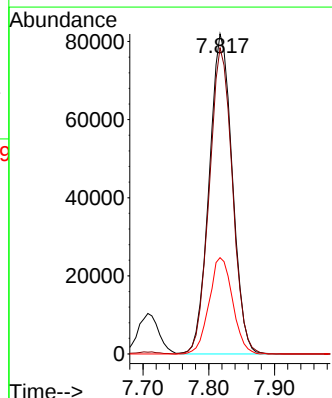
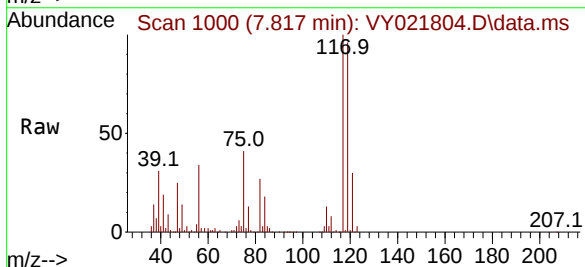
Tgt Ion: 117 Resp: 201147

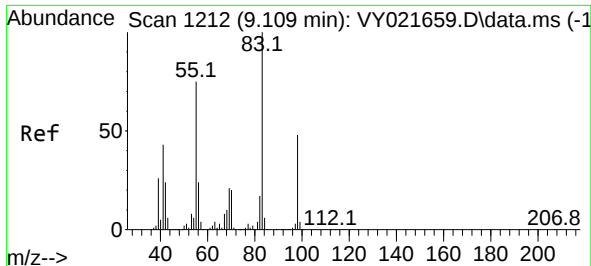
Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.4

121 30.1 24.2 36.4





#39

Methylcyclohexane

Concen: 53.002 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

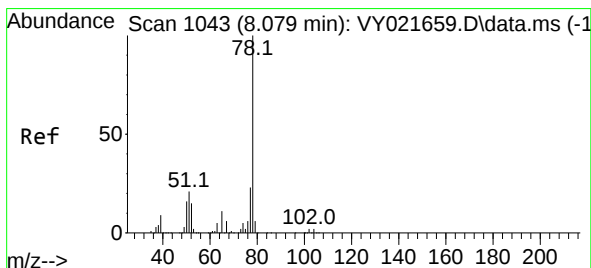
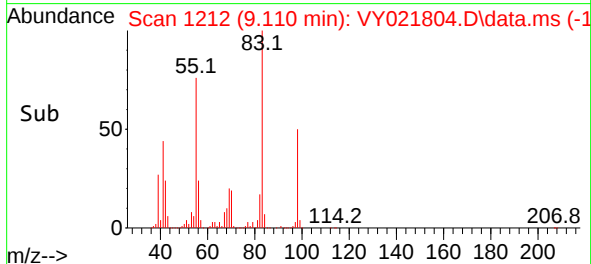
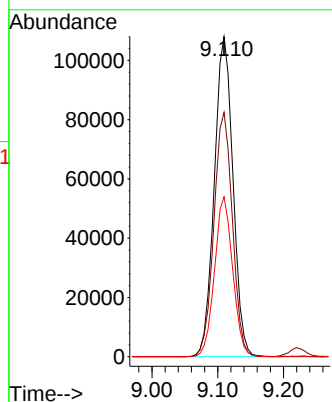
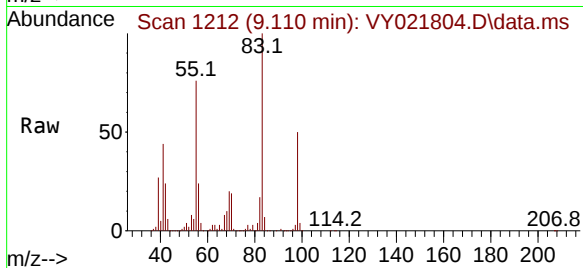
Tgt Ion: 83 Resp: 213550

Ion Ratio Lower Upper

83 100

55 76.3 59.7 89.5

98 50.0 38.3 57.5



#40

Benzene

Concen: 51.889 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021804.D

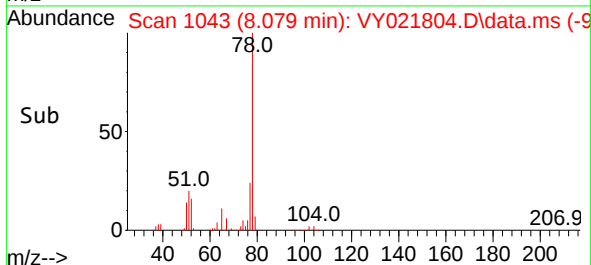
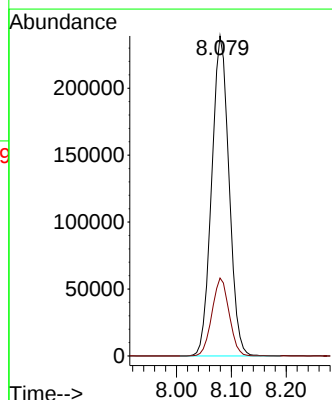
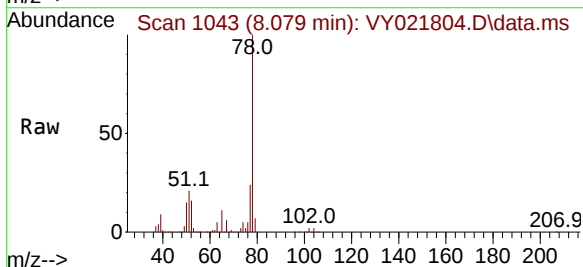
Acq: 07 Apr 2025 17:29

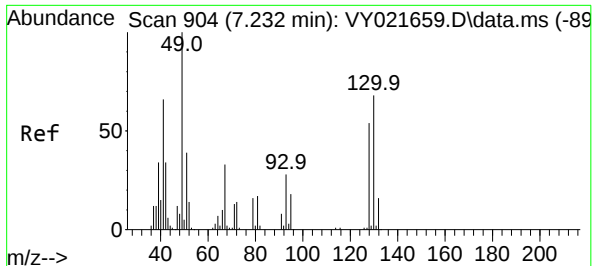
Tgt Ion: 78 Resp: 524100

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

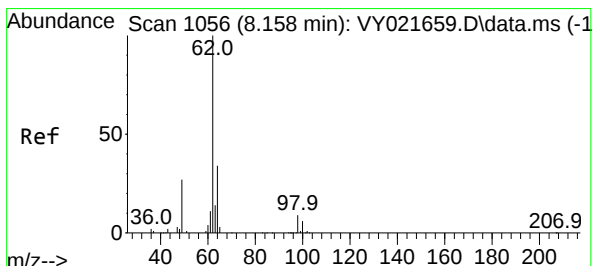
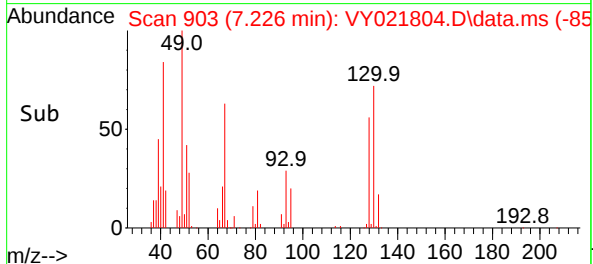
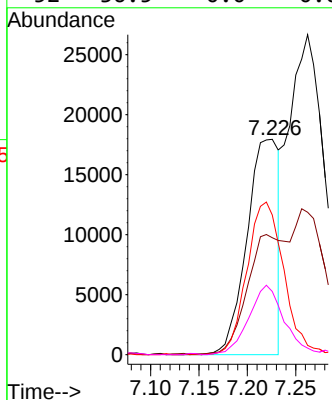
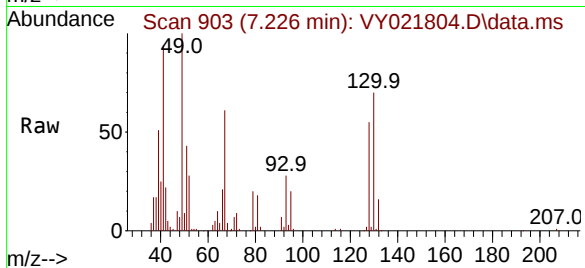




#41
Methacrylonitrile
Concen: 48.707 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

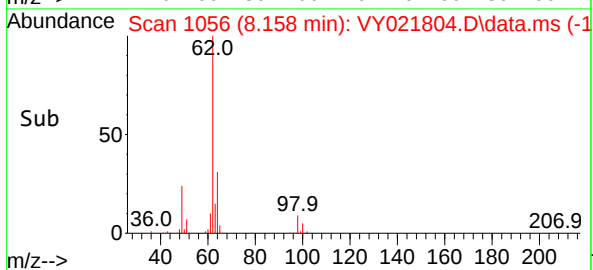
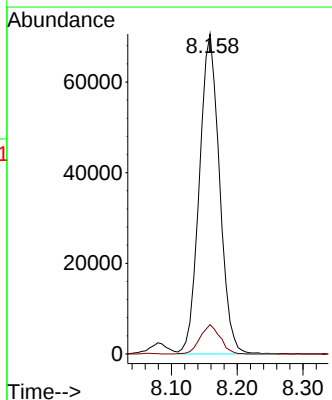
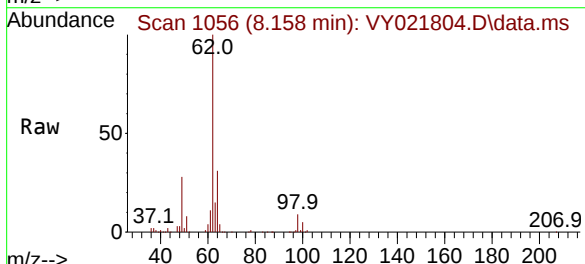
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

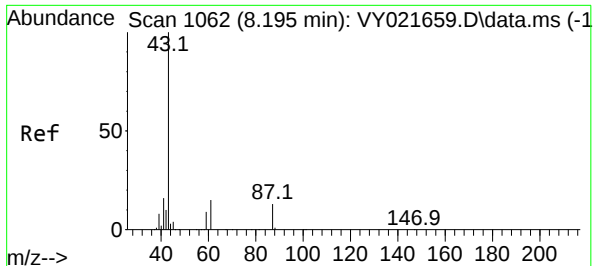
Tgt Ion:	41	Resp:	41173
Ion	Ratio	Lower	Upper
41	100		
39	63.5	0.0	0.0#
67	82.3	0.0	0.0#
52	36.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.720 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion:	62	Resp:	150119
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

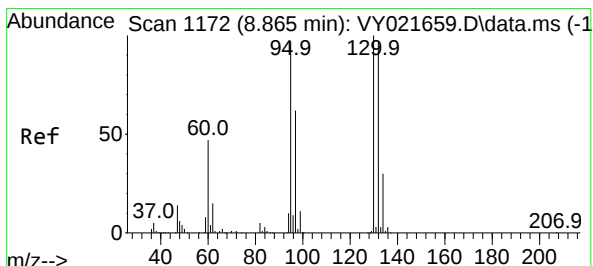
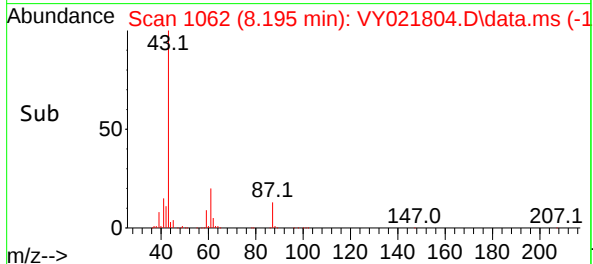
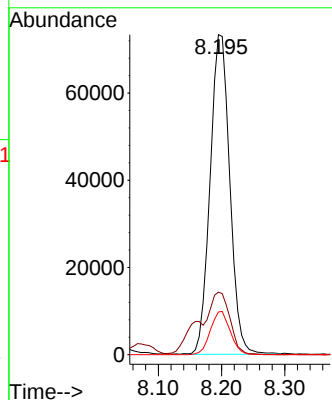
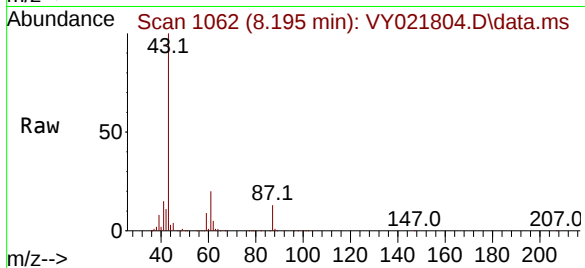




#43
Isopropyl Acetate
Concen: 52.690 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

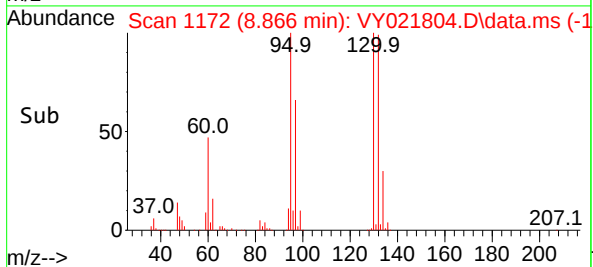
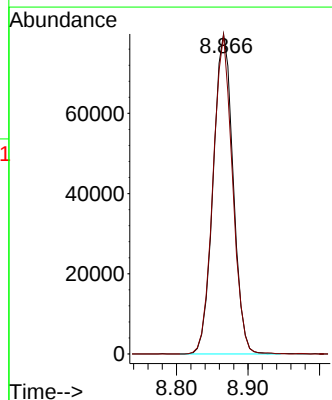
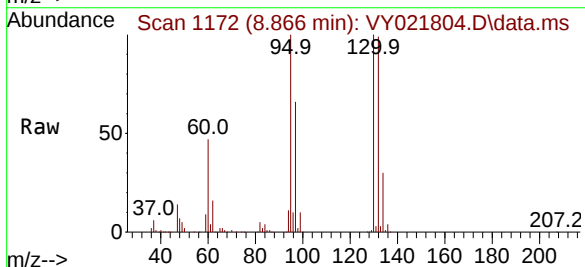
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

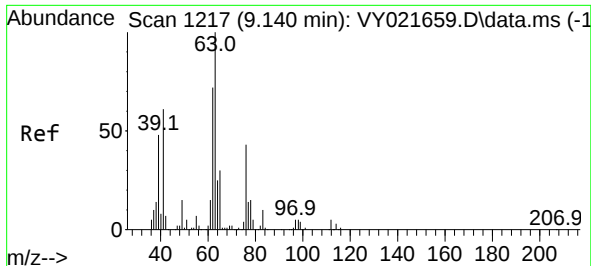
Tgt Ion: 43 Resp: 158937
Ion Ratio Lower Upper
43 100
61 20.7 15.9 23.9
87 13.6 10.4 15.6



#44
Trichloroethene
Concen: 59.815 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 130 Resp: 153934
Ion Ratio Lower Upper
130 100
95 99.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.726 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

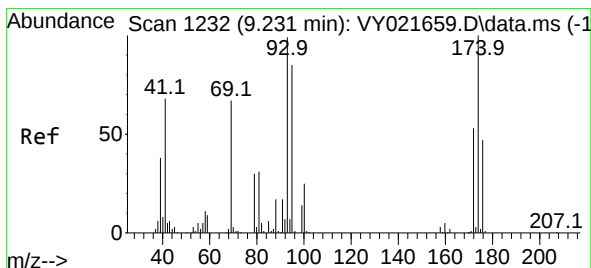
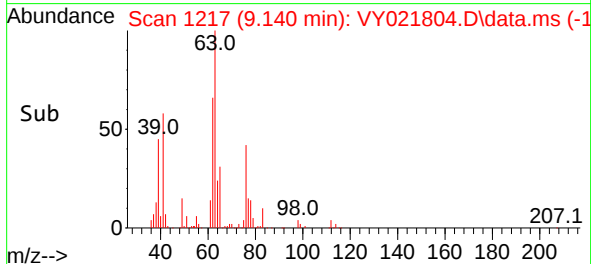
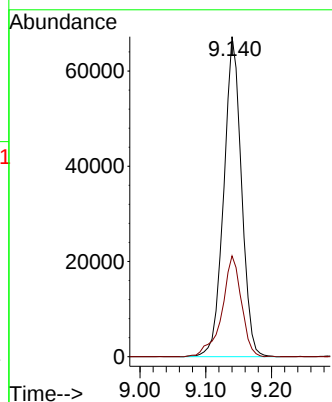
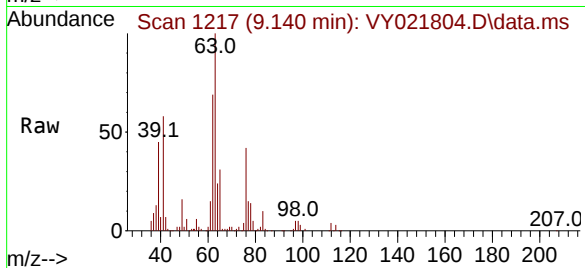
VSTDCCC050EC

Tgt Ion: 63 Resp: 126060

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



#46

Dibromomethane

Concen: 52.805 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

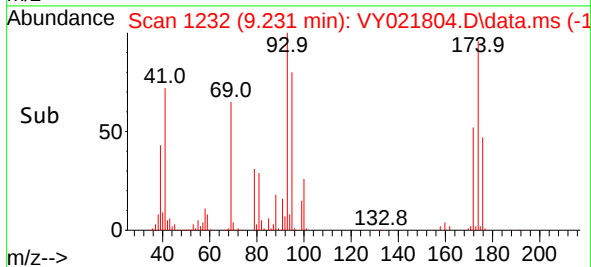
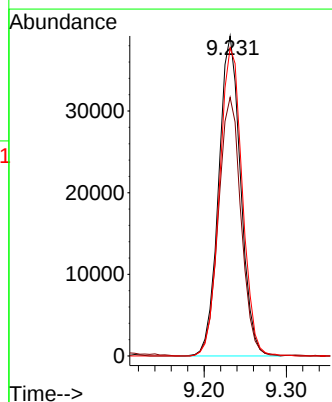
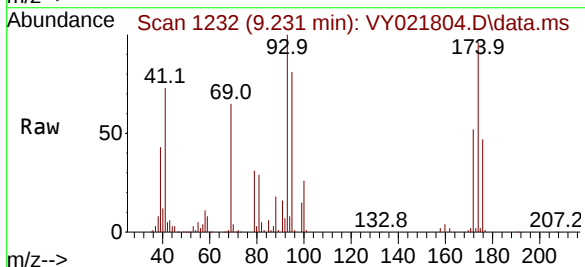
Tgt Ion: 93 Resp: 72759

Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 100.0 80.9 121.3

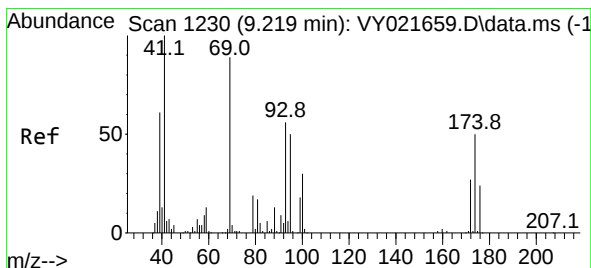
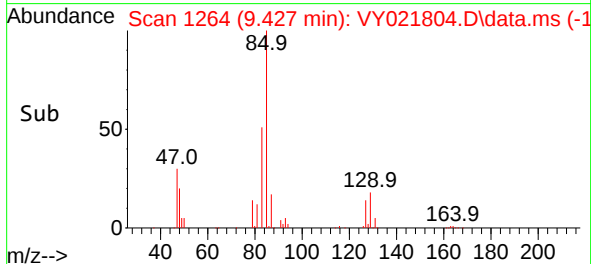
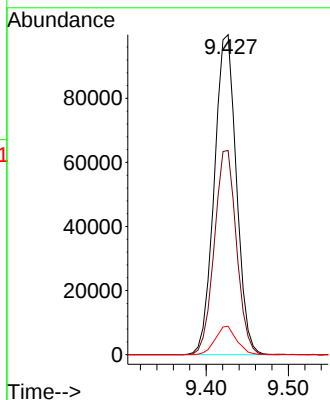
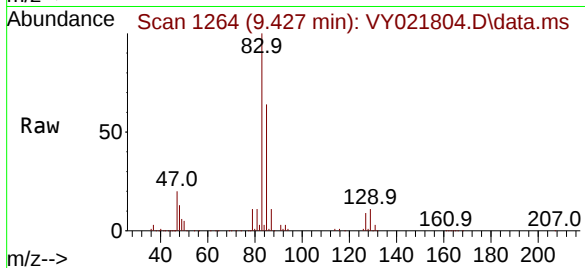




#47
Bromodichloromethane
Concen: 52.215 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

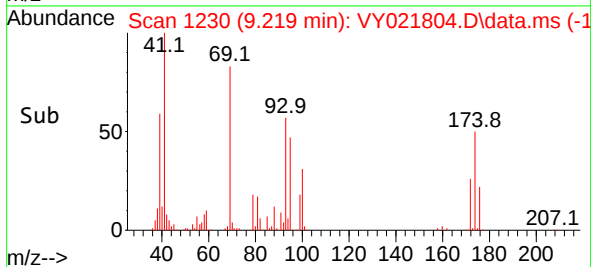
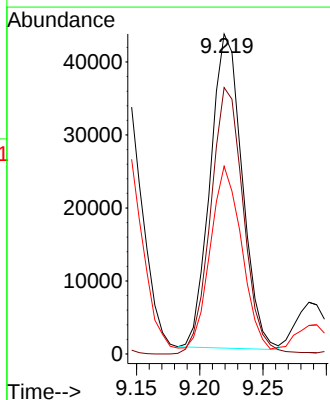
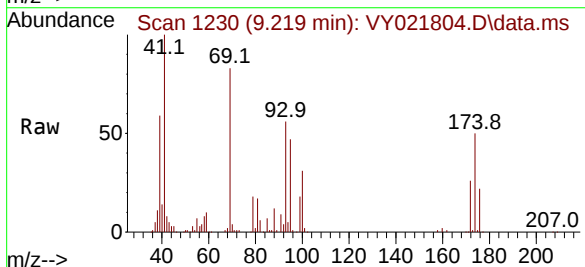
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

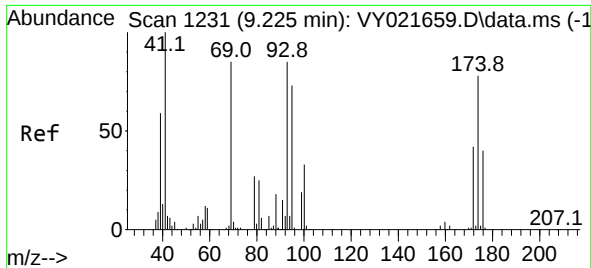
Tgt Ion: 83 Resp: 186427
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 54.600 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 41 Resp: 75589
Ion Ratio Lower Upper
41 100
69 87.0 69.8 104.8
39 56.9 47.2 70.8

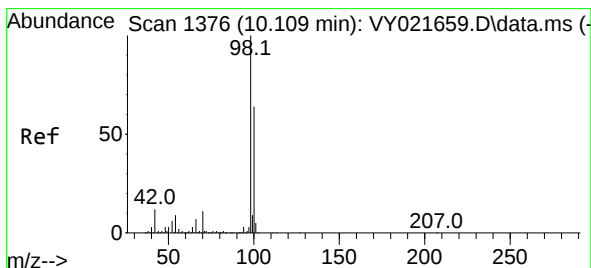
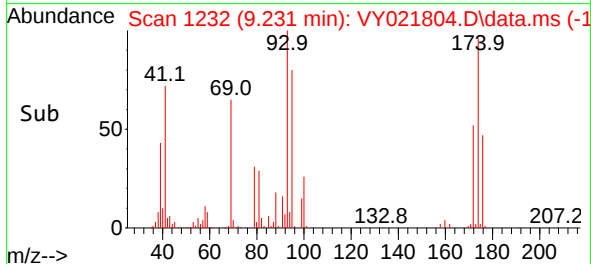
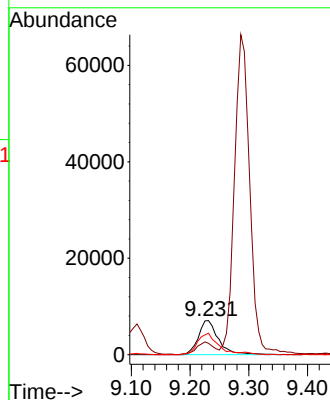
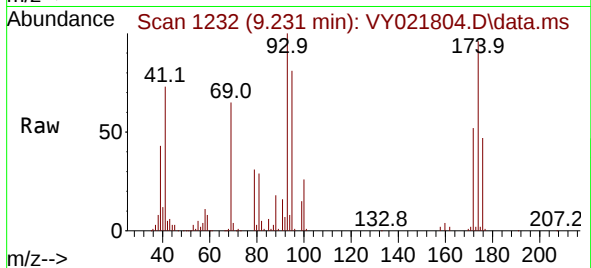




#49
1,4-Dioxane
Concen: 1137.947 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

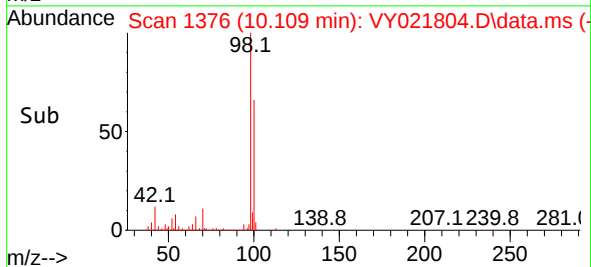
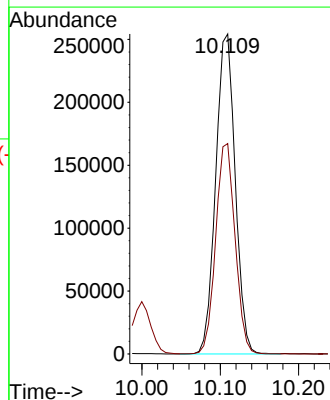
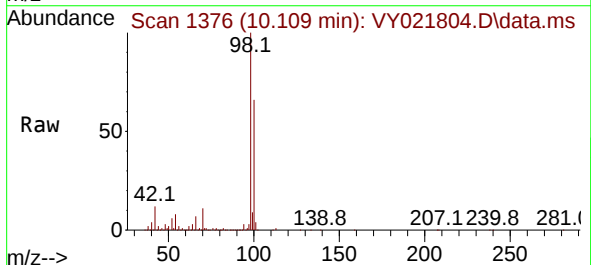
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

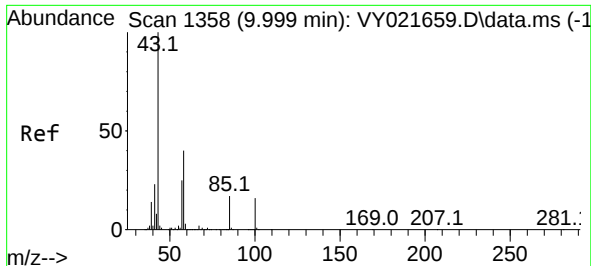
Tgt Ion: 88 Resp: 16797
Ion Ratio Lower Upper
88 100
43 32.2 28.8 43.2
58 62.9 59.4 89.2



#50
Toluene-d8
Concen: 52.311 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 98 Resp: 440661
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

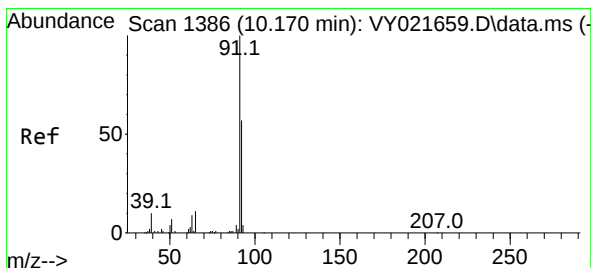
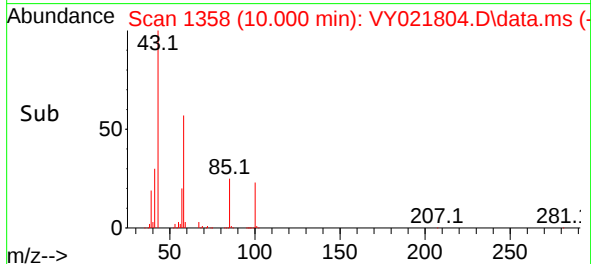
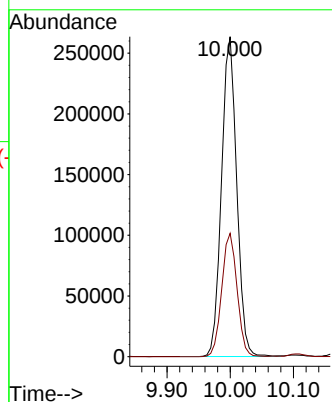
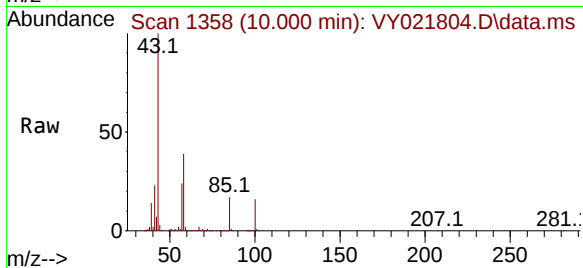




#51
4-Methyl-2-Pentanone
Concen: 278.979 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

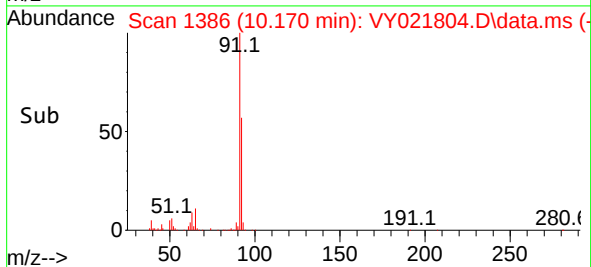
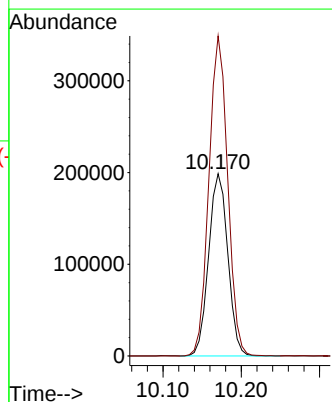
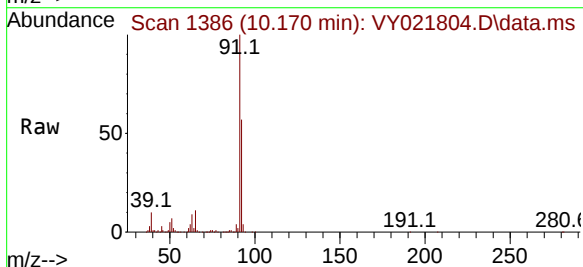
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

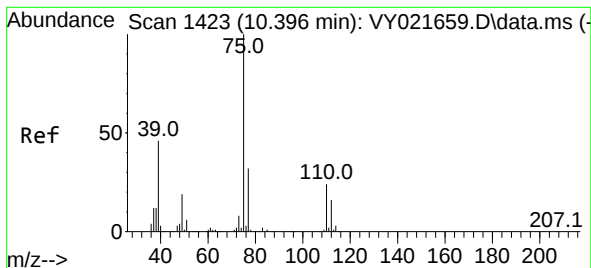
Tgt Ion: 43 Resp: 437927
Ion Ratio Lower Upper
43 100
58 38.9 31.5 47.3



#52
Toluene
Concen: 53.500 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 92 Resp: 337143
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

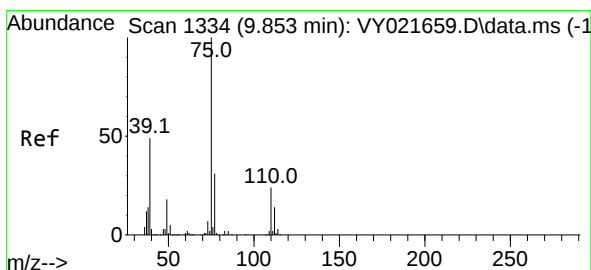
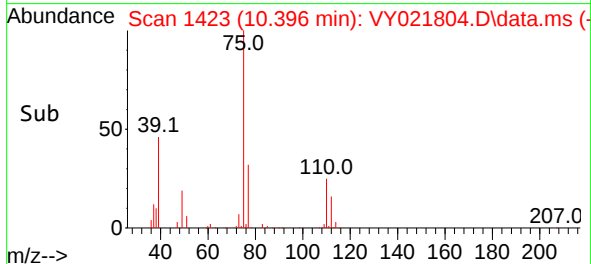
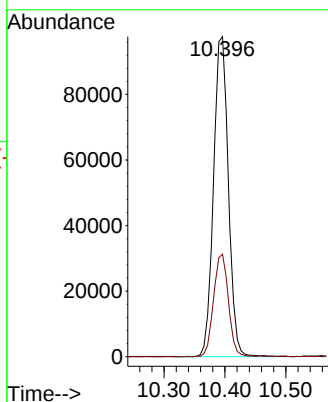
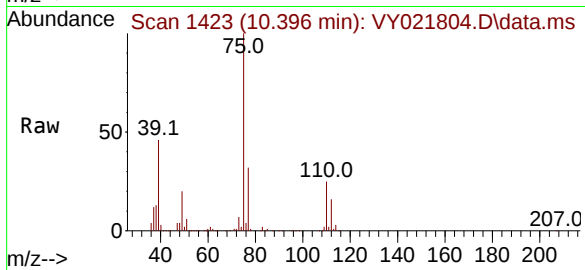




#53
 t-1,3-Dichloropropene
 Concen: 52.154 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

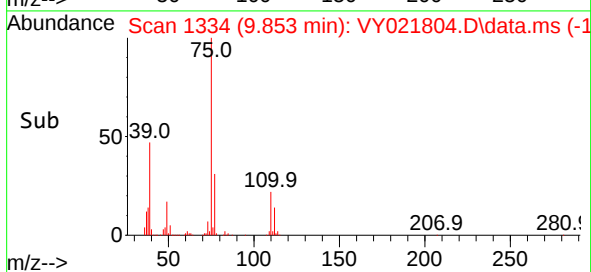
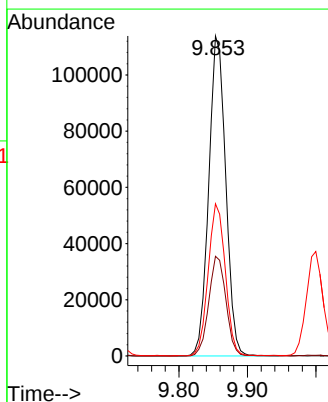
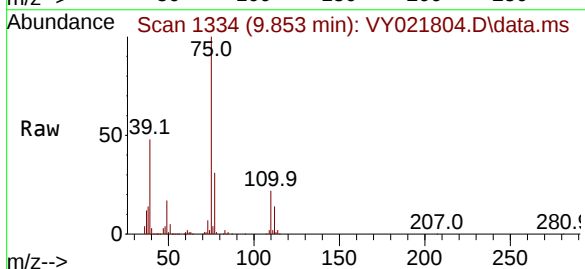
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

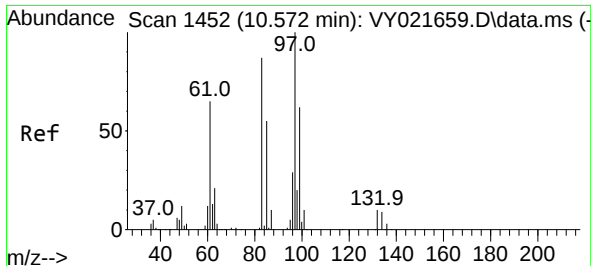
Tgt Ion: 75 Resp: 165396
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.346 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

Tgt Ion: 75 Resp: 195840
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 47.5 39.2 58.8

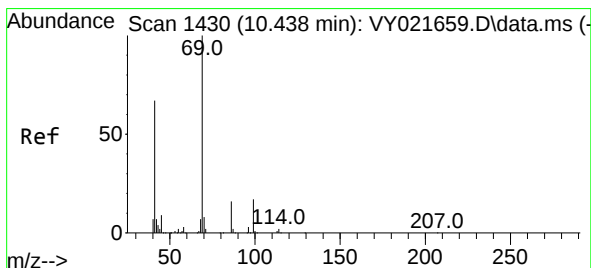
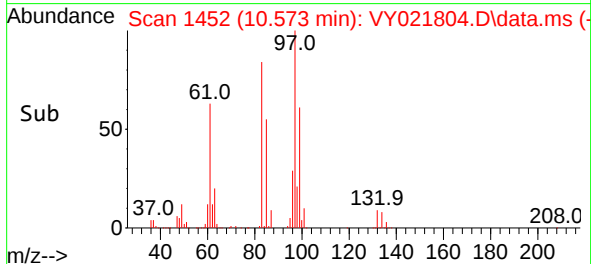
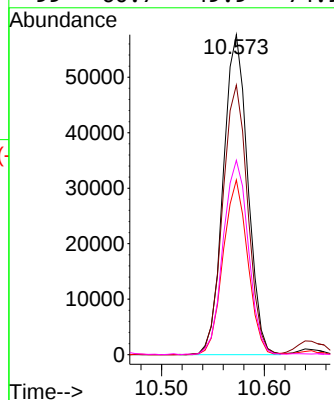
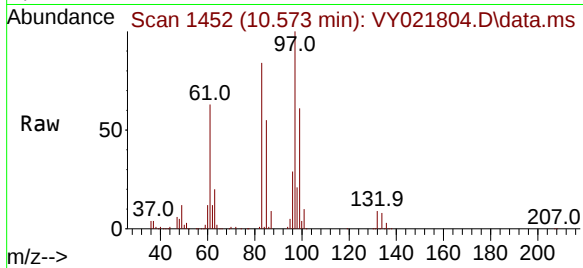




#55
1,1,2-Trichloroethane
Concen: 53.949 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

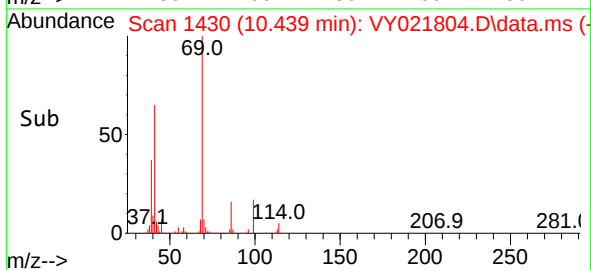
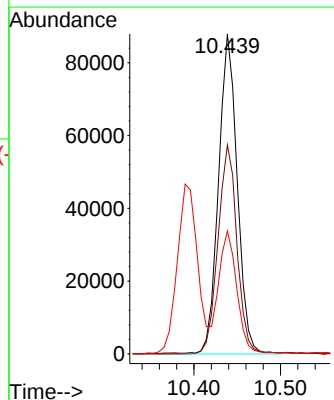
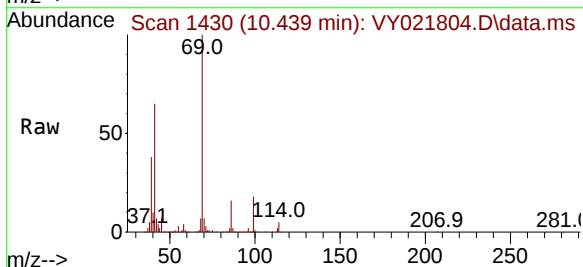
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

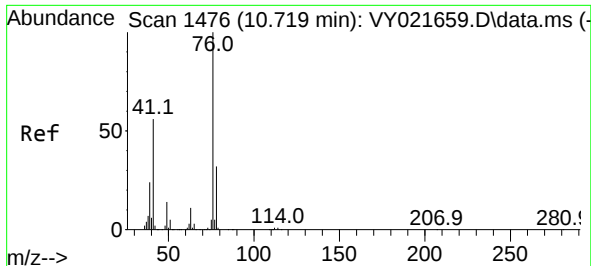
Tgt Ion: 97	Resp: 95662
Ion Ratio	Lower Upper
97 100	
83 84.1	69.5 104.3
85 54.6	43.9 65.9
99 60.7	49.9 74.9



#56
Ethyl methacrylate
Concen: 58.234 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 69	Resp: 131852
Ion Ratio	Lower Upper
69 100	
41 65.5	53.8 80.6
39 38.4	29.6 44.4





#57

1,3-Dichloropropane

Concen: 54.234 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

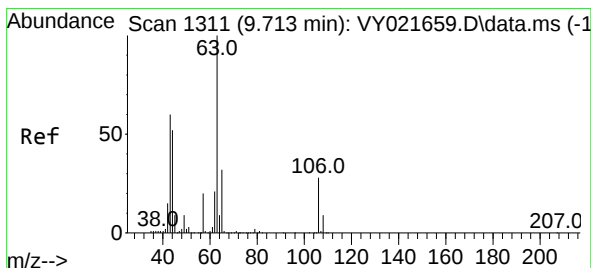
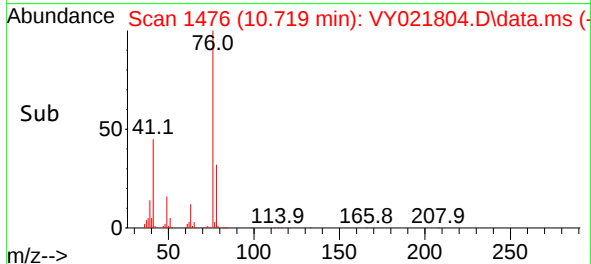
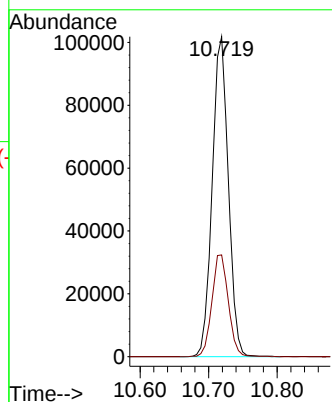
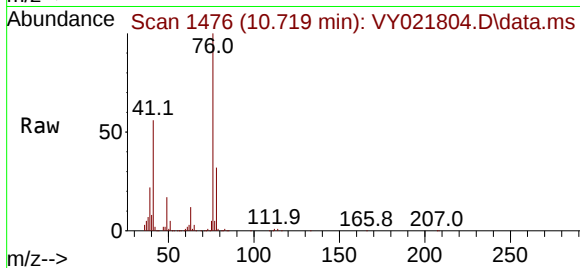
VSTDCCC050EC

Tgt Ion: 76 Resp: 166086

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 294.697 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021804.D

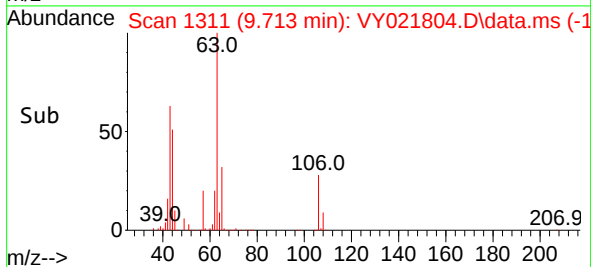
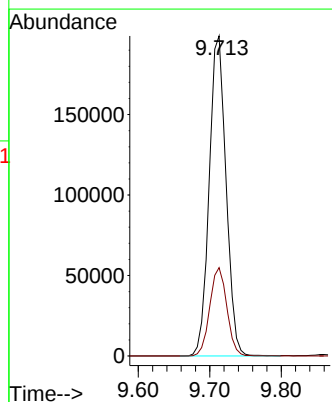
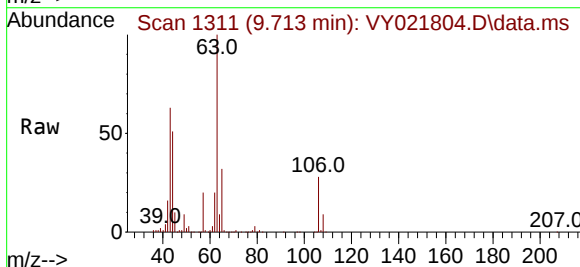
Acq: 07 Apr 2025 17:29

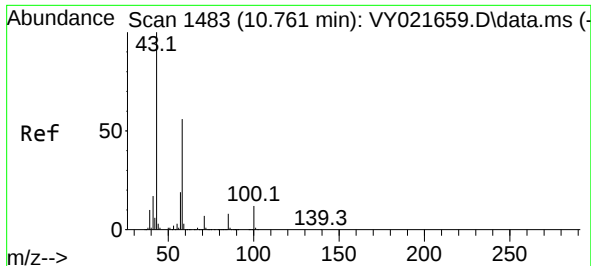
Tgt Ion: 63 Resp: 325502

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

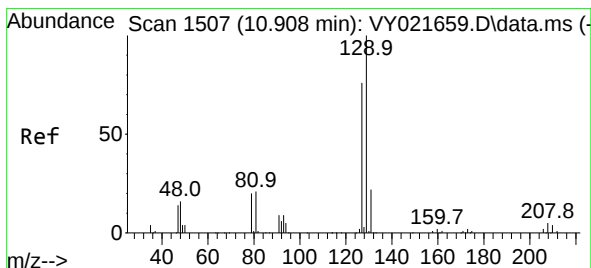
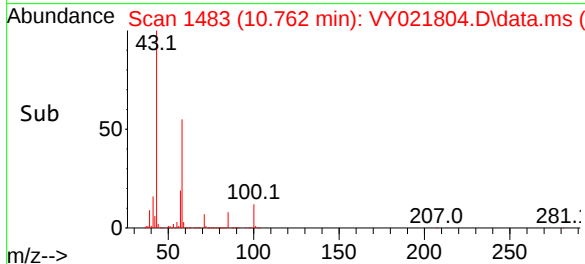
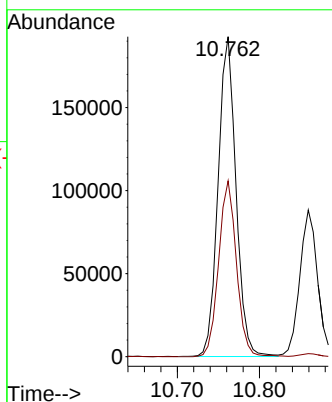
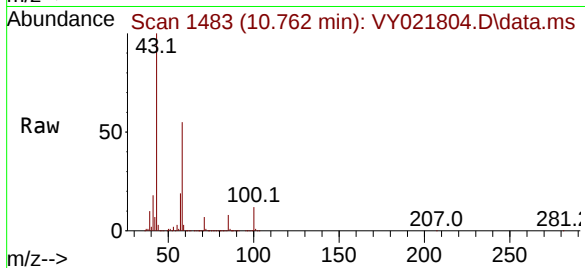




#59
2-Hexanone
Concen: 278.791 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

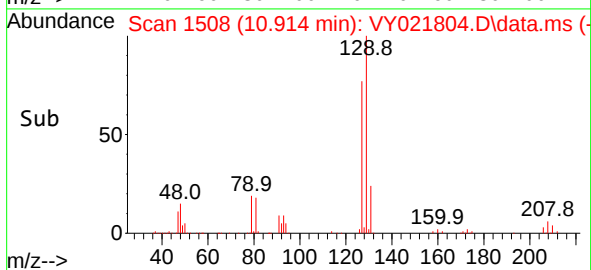
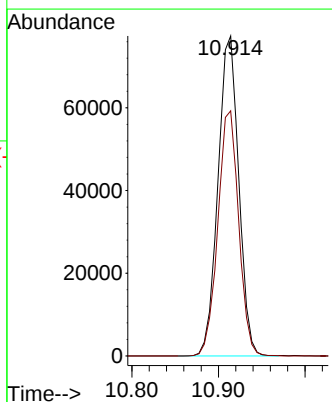
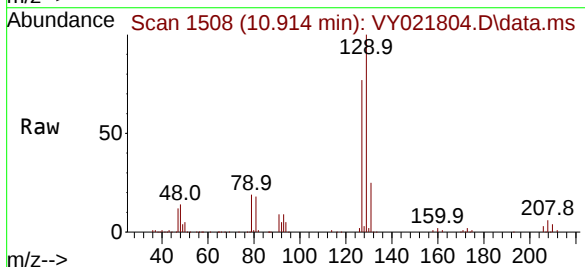
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

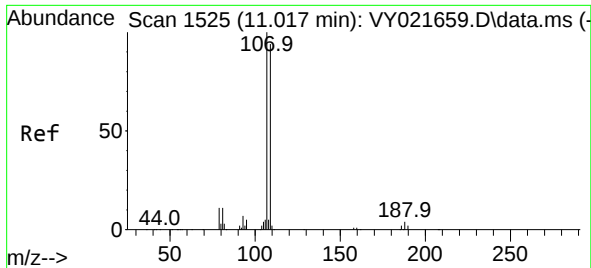
Tgt Ion: 43 Resp: 291456
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5



#60
Dibromochloromethane
Concen: 53.126 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion:129 Resp: 128616
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

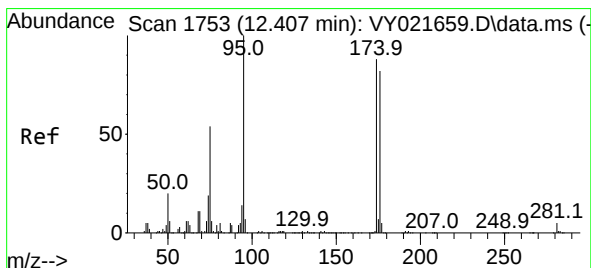
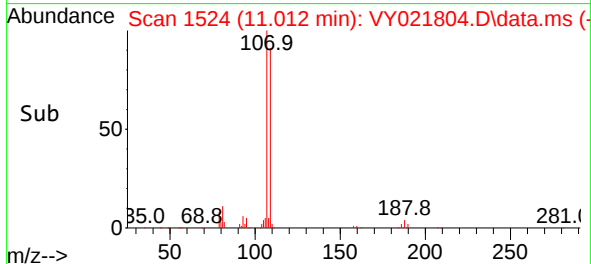
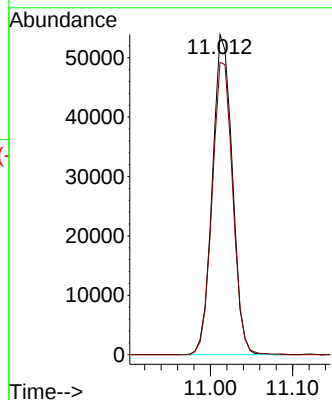
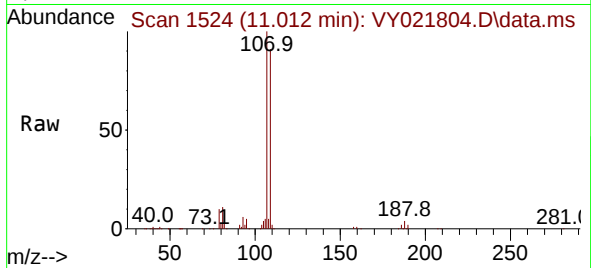




#61
1,2-Dibromoethane
Concen: 54.567 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

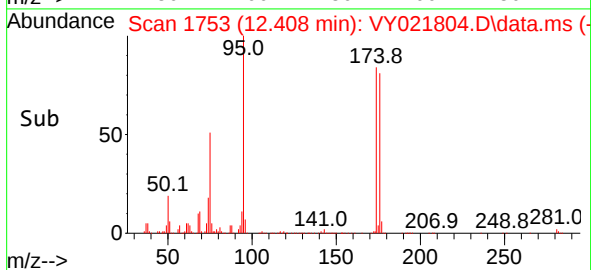
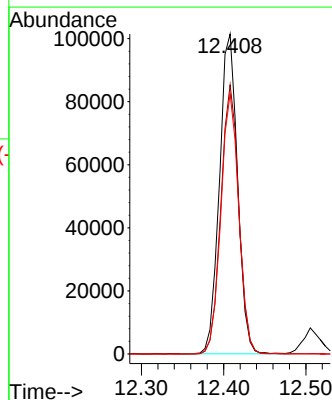
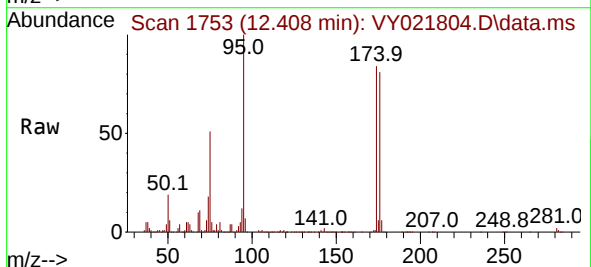
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

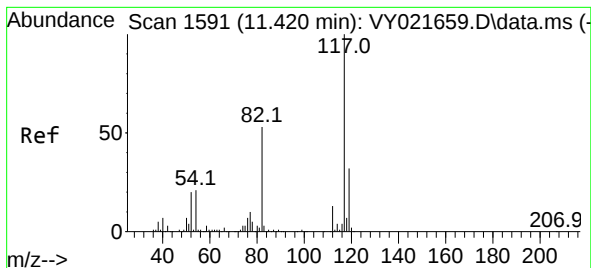
Tgt Ion:107 Resp: 90766
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.329 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 95 Resp: 154801
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 80.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

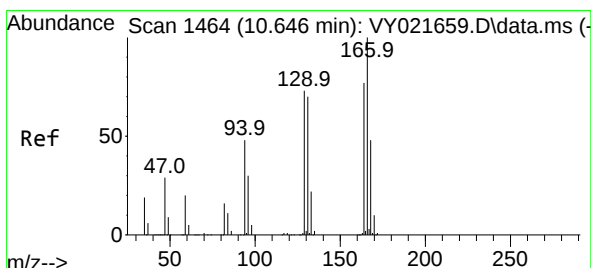
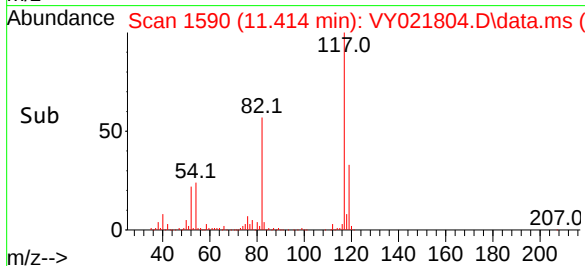
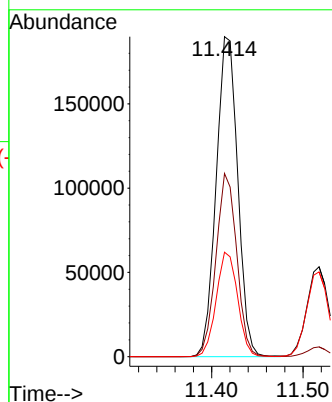
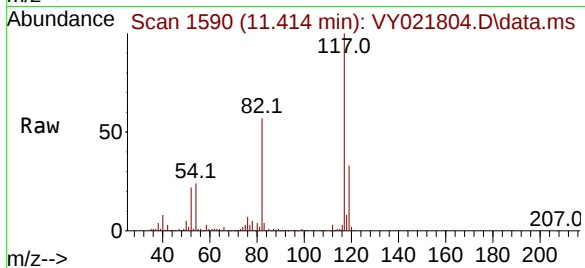
Tgt Ion:117 Resp: 311503

Ion Ratio Lower Upper

117 100

82 57.2 42.8 64.2

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 66.382 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Tgt Ion:164 Resp: 188331

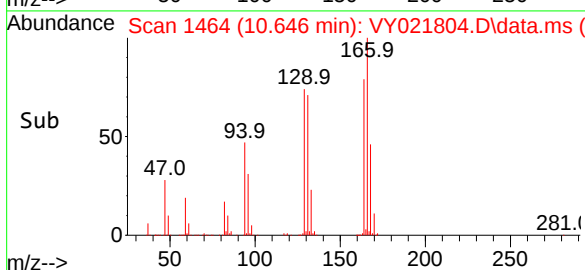
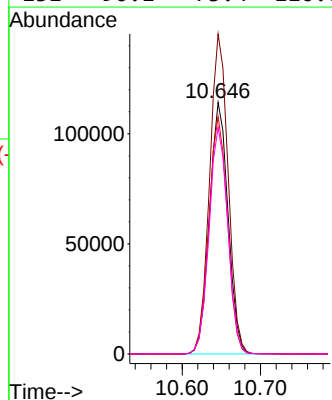
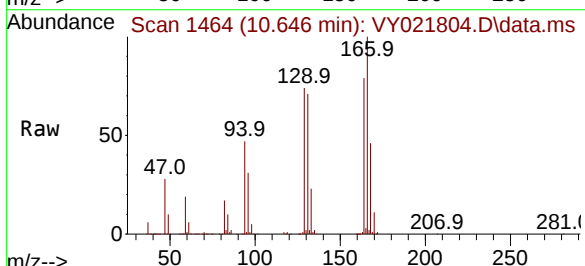
Ion Ratio Lower Upper

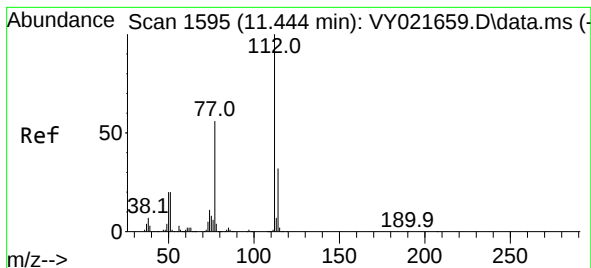
164 100

166 127.2 104.6 156.8

129 94.3 76.6 114.8

131 90.1 73.4 110.0

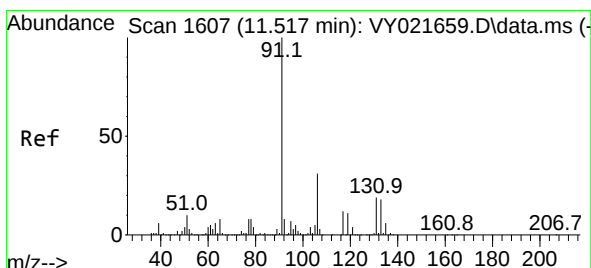
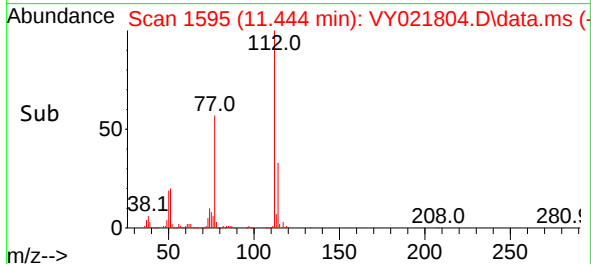
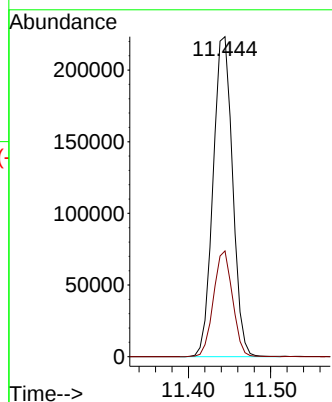
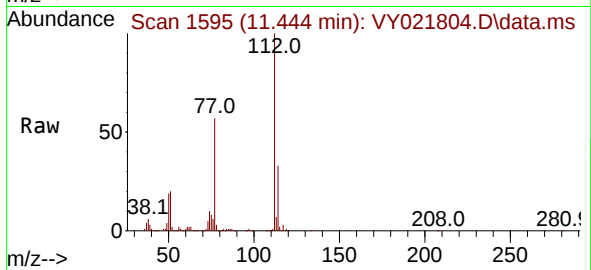




#65
Chlorobenzene
Concen: 51.612 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

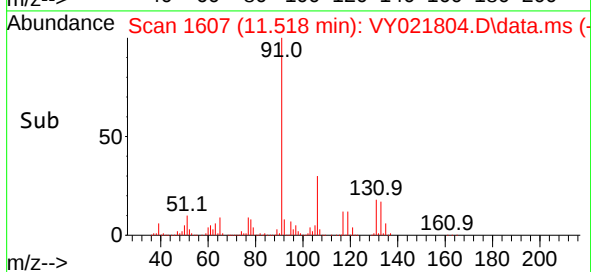
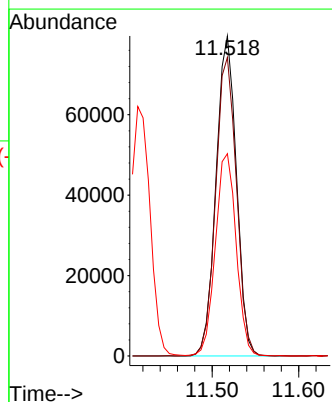
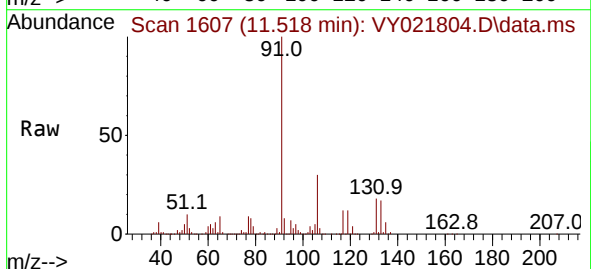
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

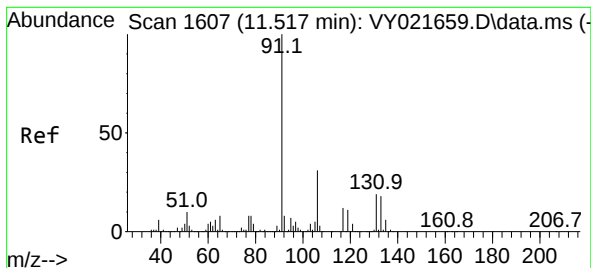
Tgt Ion:112 Resp: 368544
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.329 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion:131 Resp: 130042
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 53.233 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

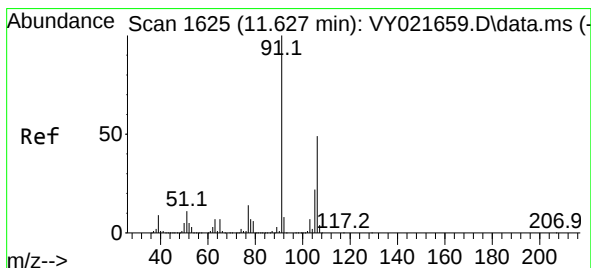
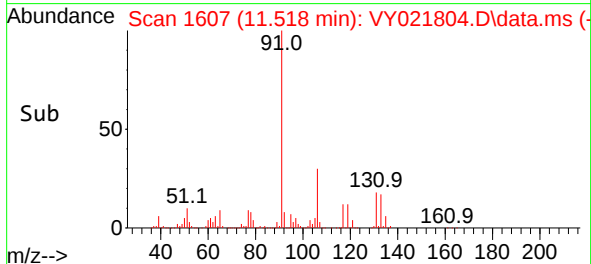
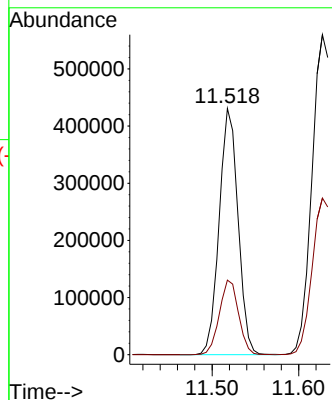
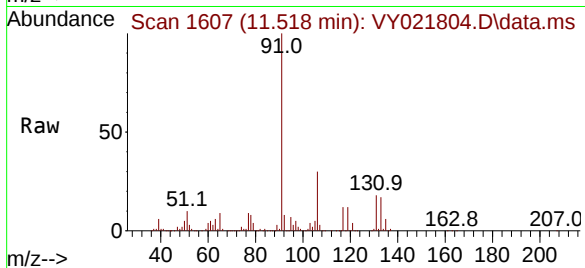
VSTDCCC050EC

Tgt Ion: 91 Resp: 651824

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 106.367 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021804.D

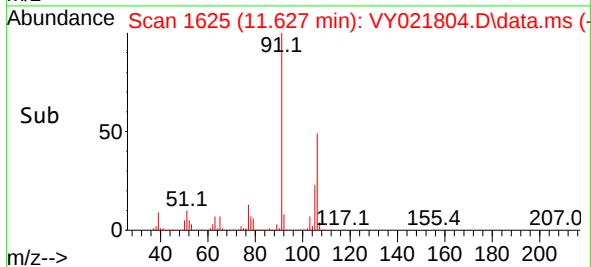
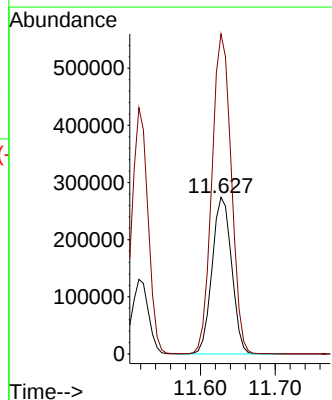
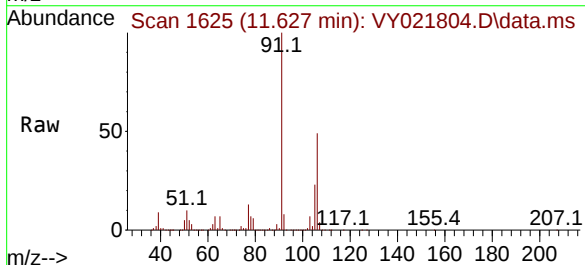
Acq: 07 Apr 2025 17:29

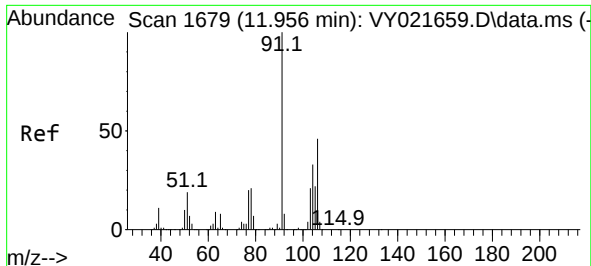
Tgt Ion: 106 Resp: 498739

Ion Ratio Lower Upper

106 100

91 203.0 162.4 243.6

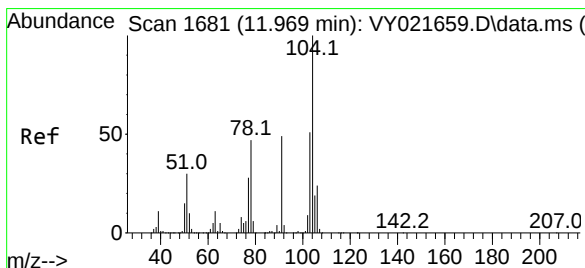
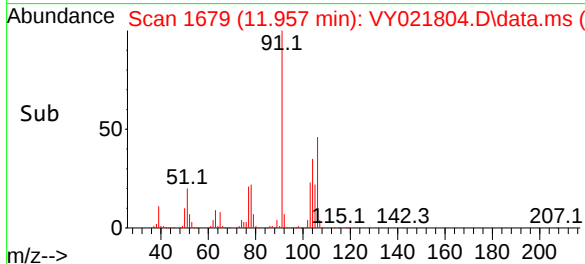
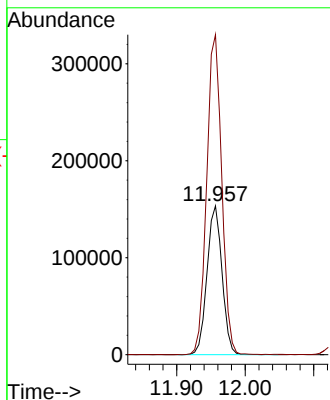
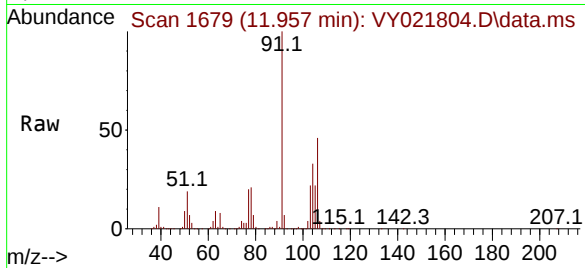




#69
o-Xylene
Concen: 53.967 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

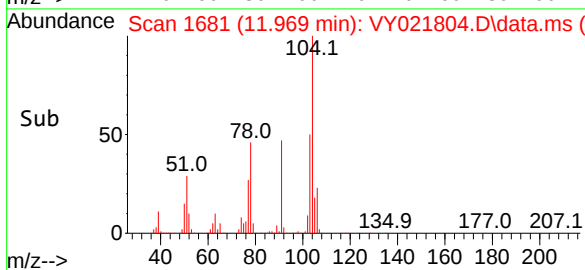
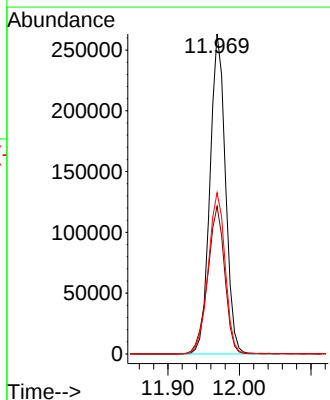
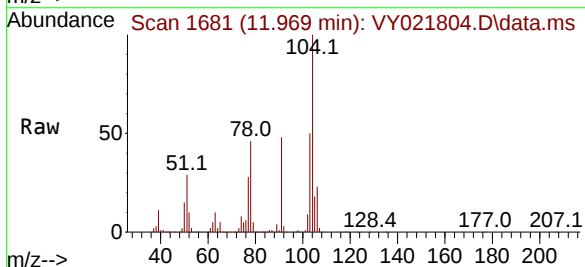
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

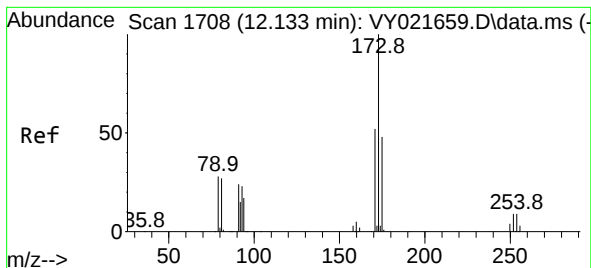
Tgt Ion:106 Resp: 233580
Ion Ratio Lower Upper
106 100
91 215.8 106.7 319.9



#70
Styrene
Concen: 55.090 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion:104 Resp: 397557
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 53.058 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

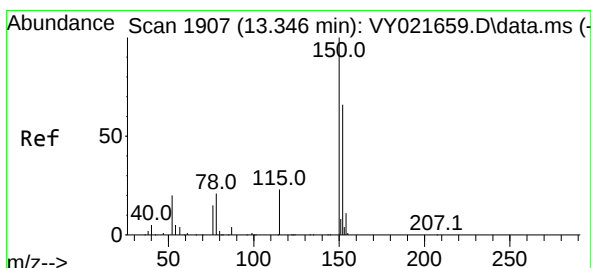
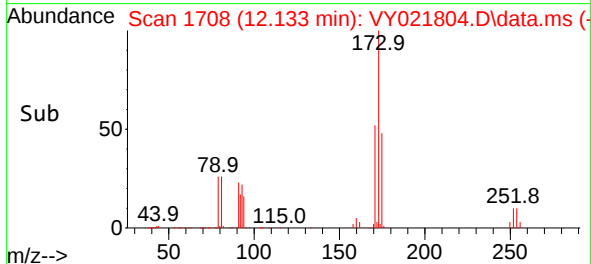
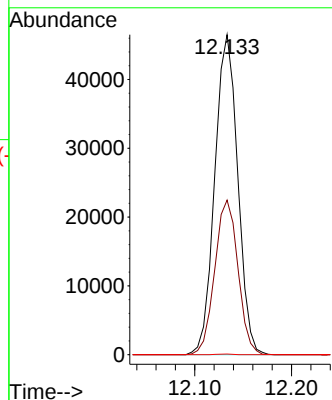
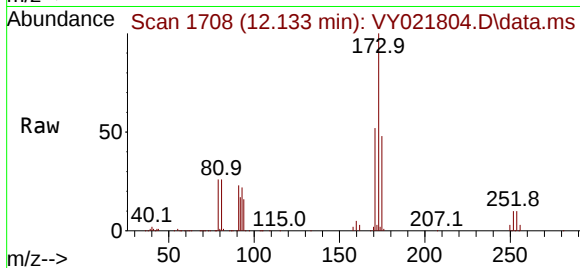
Tgt Ion:173 Resp: 76677

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

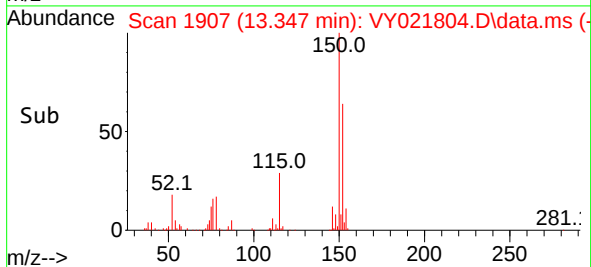
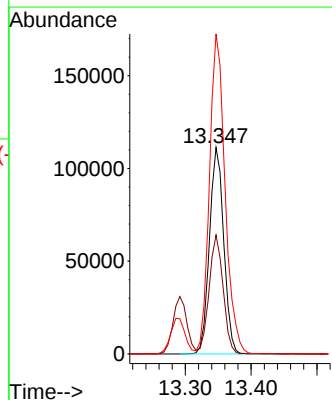
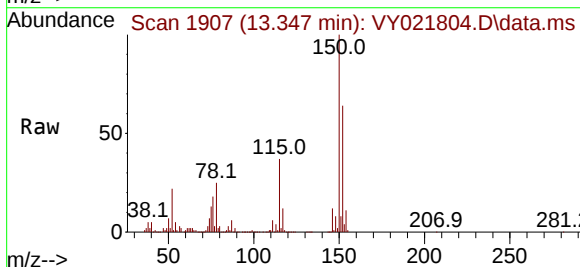
Tgt Ion:152 Resp: 168360

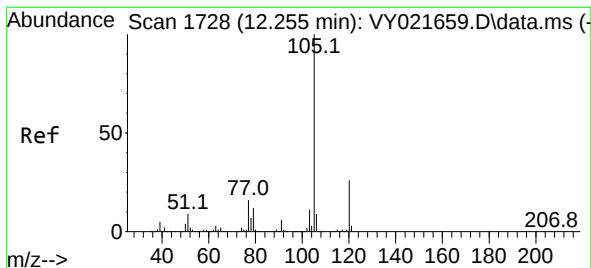
Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 169.4 0.0 348.4





#73

Isopropylbenzene

Concen: 49.859 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

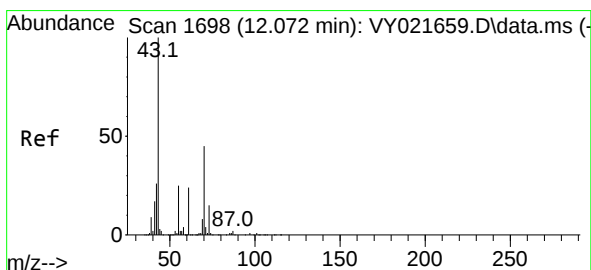
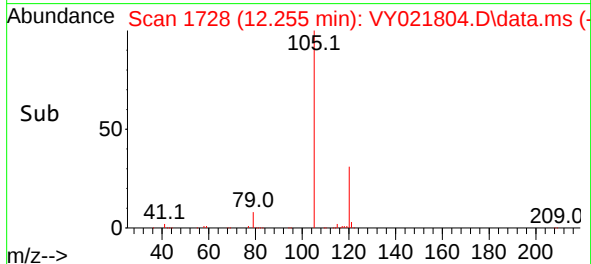
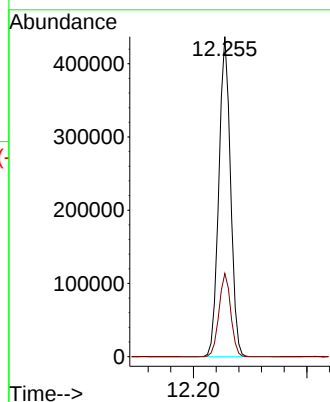
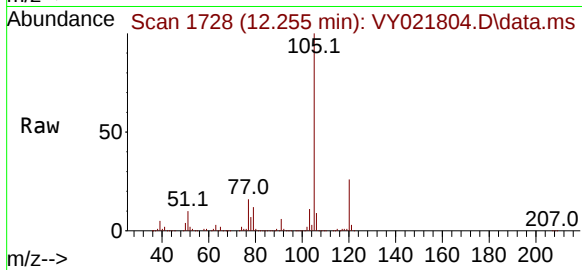
VSTDCCC050EC

Tgt Ion:105 Resp: 623474

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 50.156 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Tgt Ion: 43 Resp: 147196

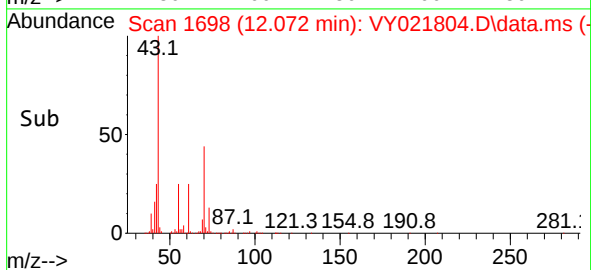
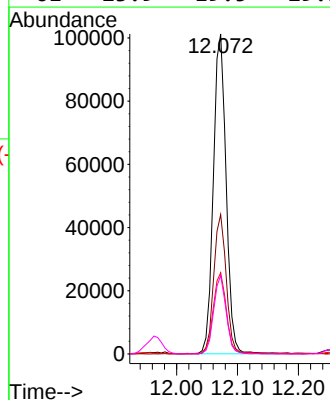
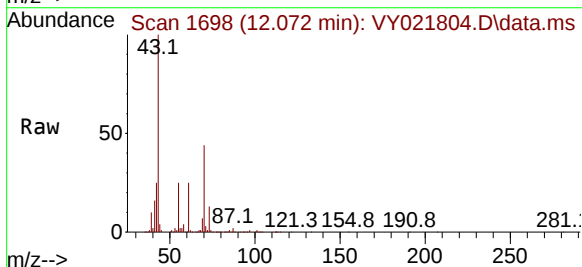
Ion Ratio Lower Upper

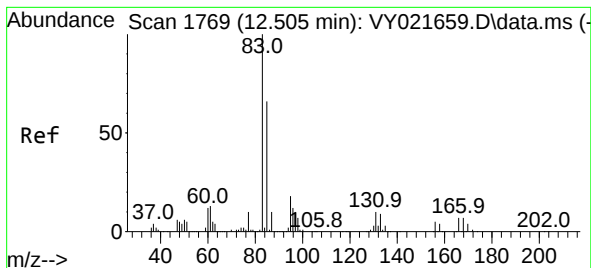
43 100

70 42.8 34.7 52.1

55 26.0 21.2 31.8

61 23.9 19.5 29.3

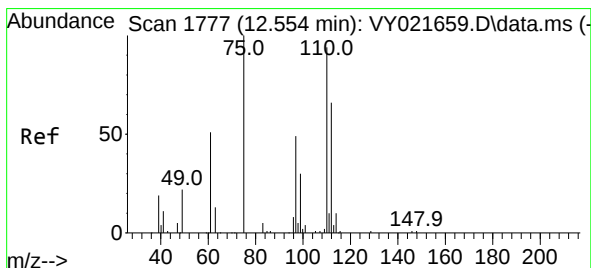
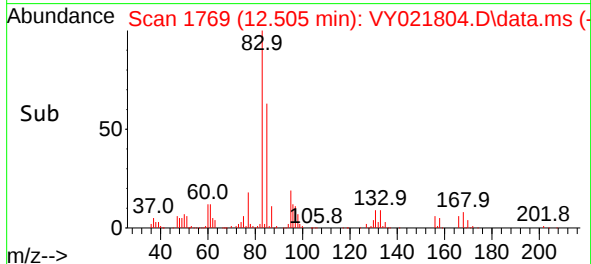
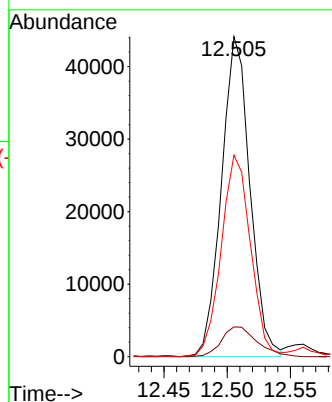
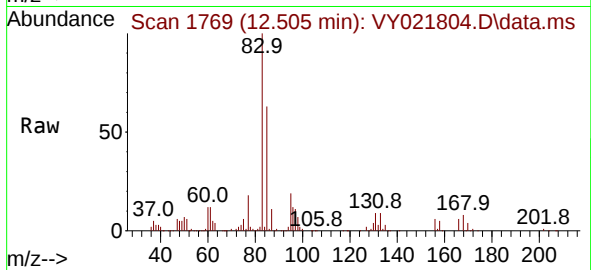




#75
 1,1,2,2-Tetrachloroethane
 Concen: 30.709 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

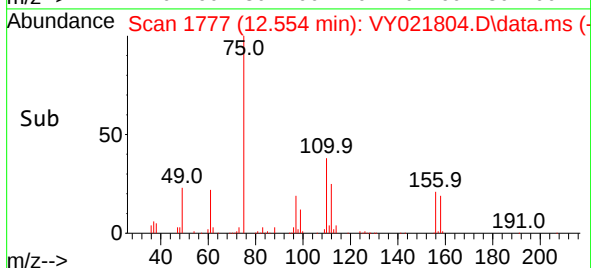
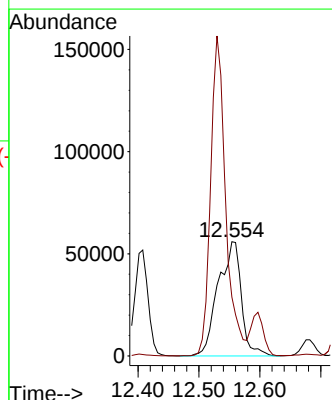
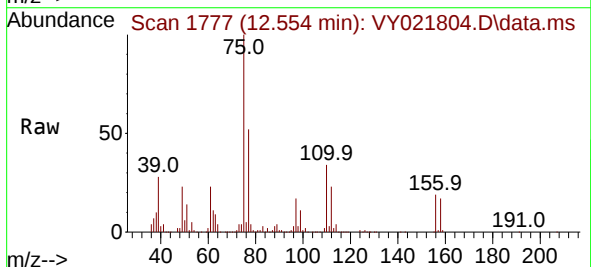
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

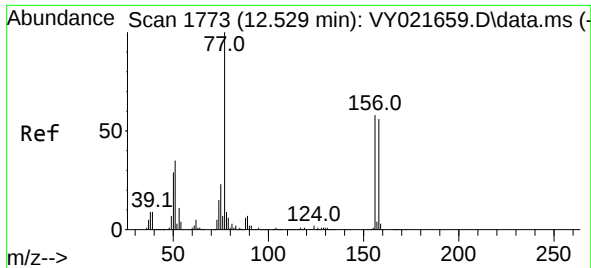
Tgt Ion: 83 Resp: 69040
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.1 15.3
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 88.555 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021804.D
 Acq: 07 Apr 2025 17:29

Tgt Ion: 75 Resp: 147788
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

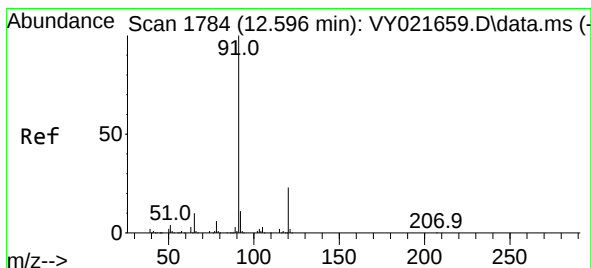
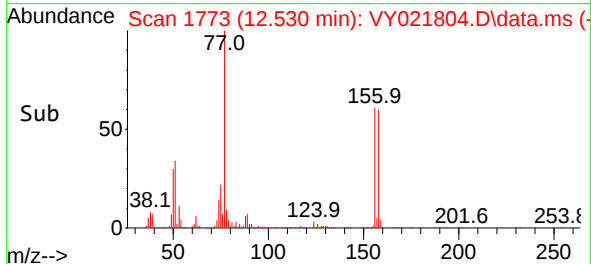
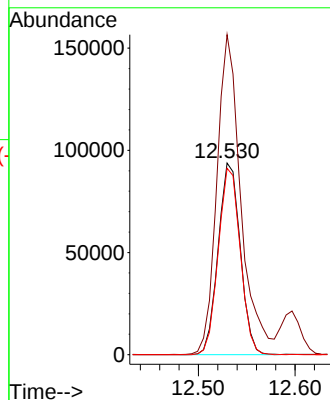
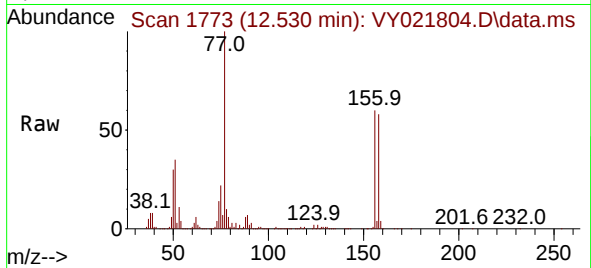




#77
Bromobenzene
Concen: 49.502 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

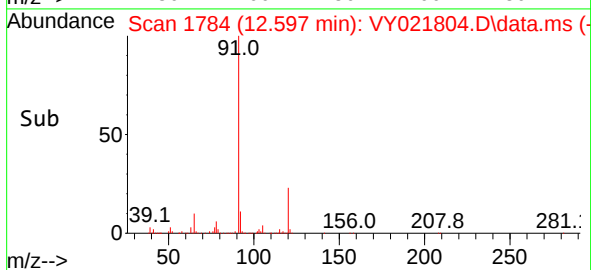
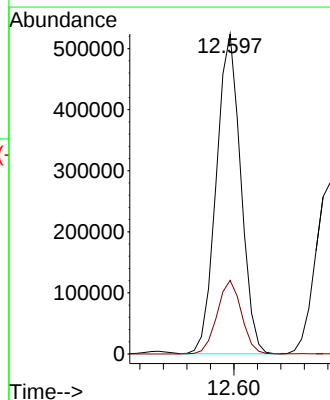
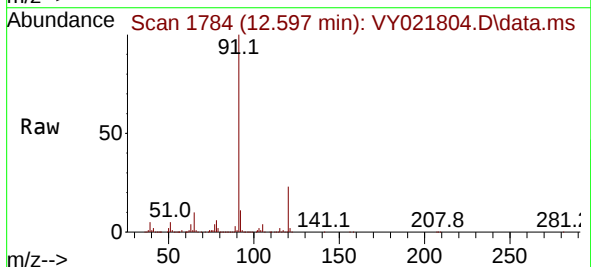
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

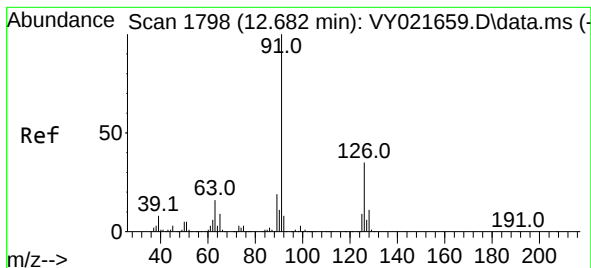
Tgt Ion:156 Resp: 148624
Ion Ratio Lower Upper
156 100
77 181.9 92.8 278.3
158 96.8 48.5 145.6



#78
n-propylbenzene
Concen: 50.246 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 91 Resp: 755384
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

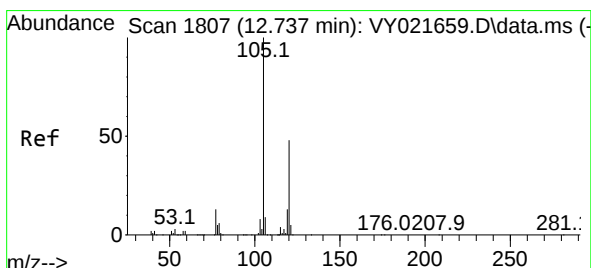
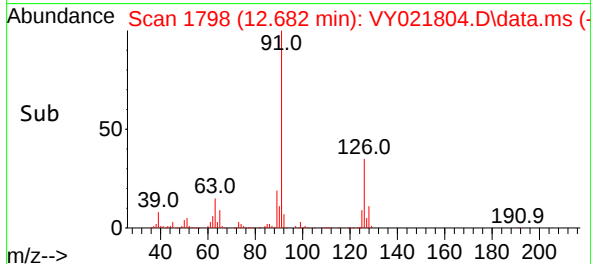
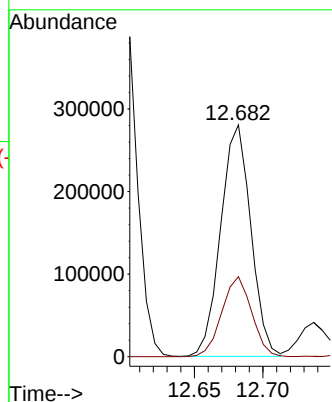
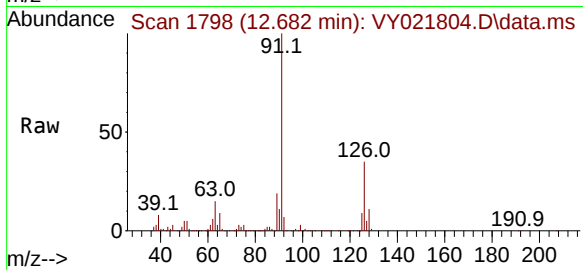




#79
2-Chlorotoluene
Concen: 49.230 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

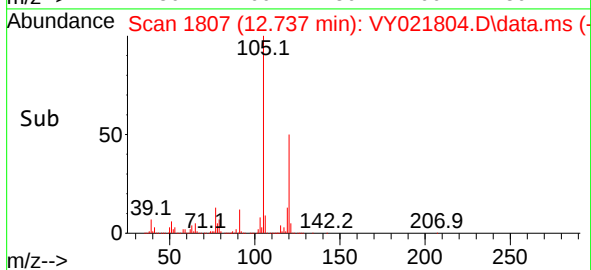
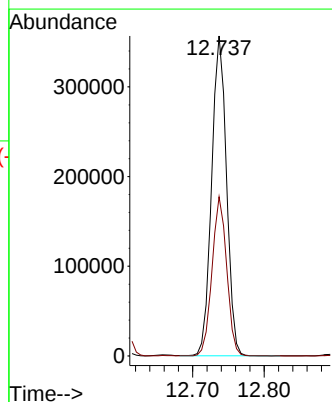
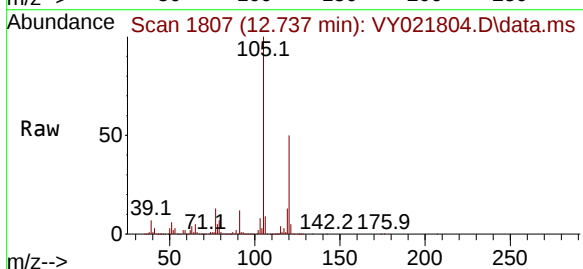
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

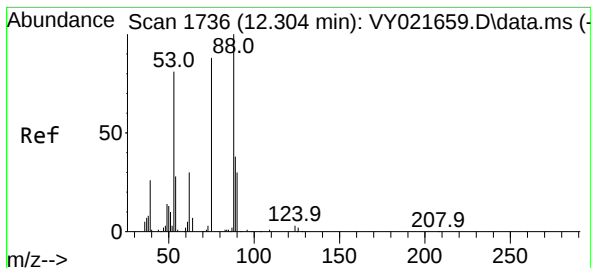
Tgt Ion: 91 Resp: 429871
Ion Ratio Lower Upper
91 100
126 34.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 50.419 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 105 Resp: 515287
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

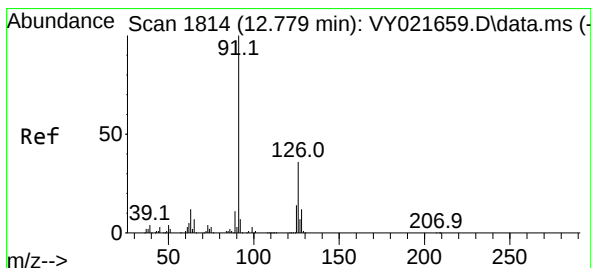
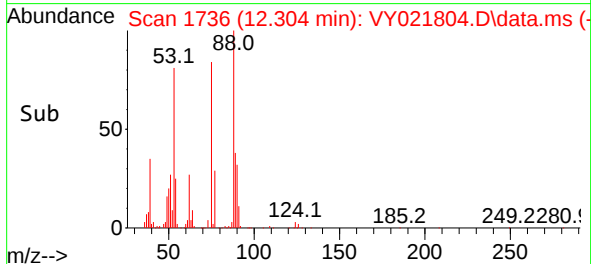
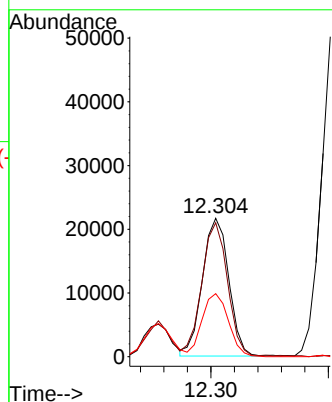
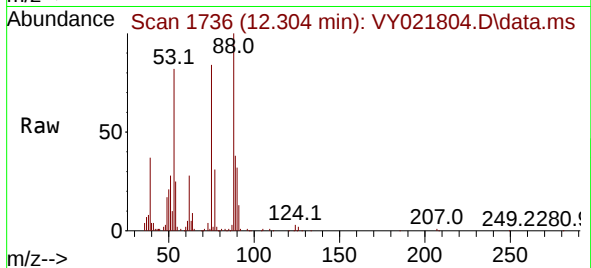




#81
trans-1,4-Dichloro-2-butene
Concen: 46.520 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

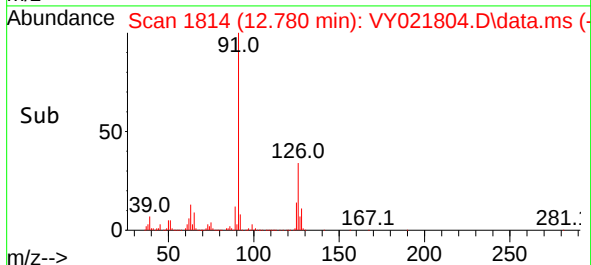
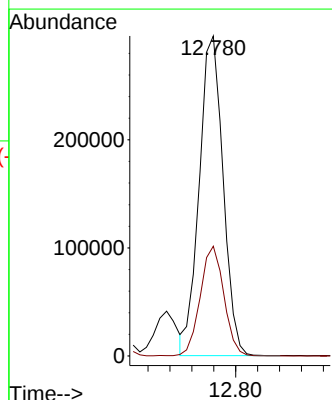
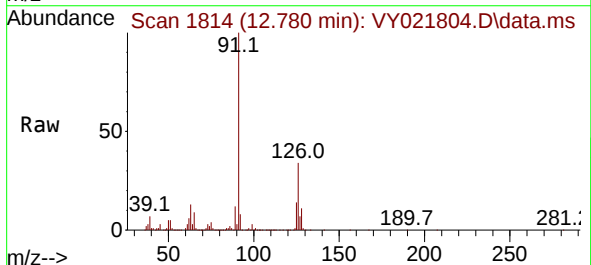
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

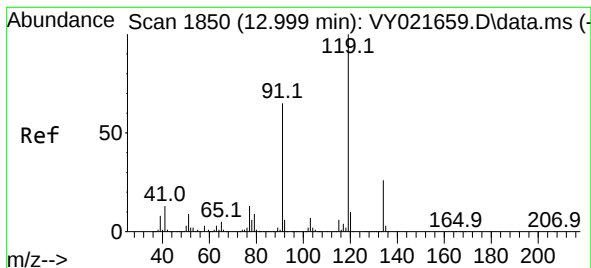
Tgt Ion: 75 Resp: 33694
Ion Ratio Lower Upper
75 100
53 96.7 76.1 114.1
89 45.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 49.086 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion: 91 Resp: 446850
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 49.742 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

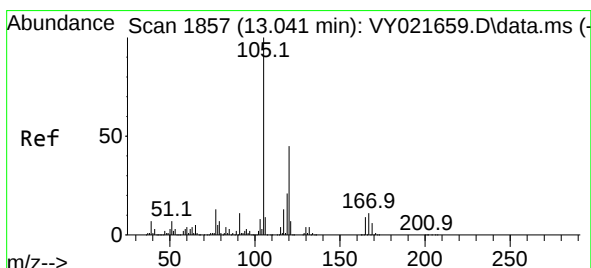
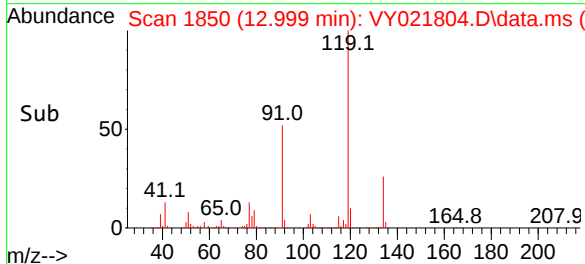
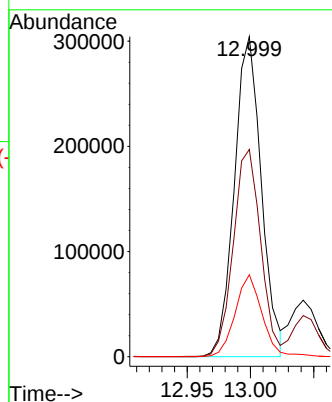
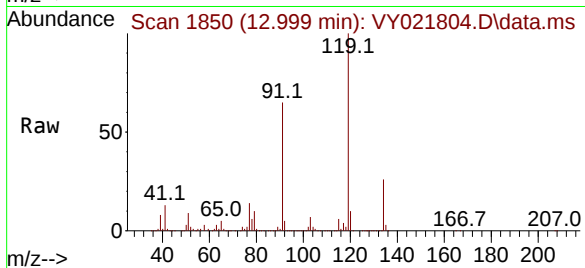
Tgt Ion:119 Resp: 452797

Ion Ratio Lower Upper

119 100

91 65.6 32.6 97.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.455 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021804.D

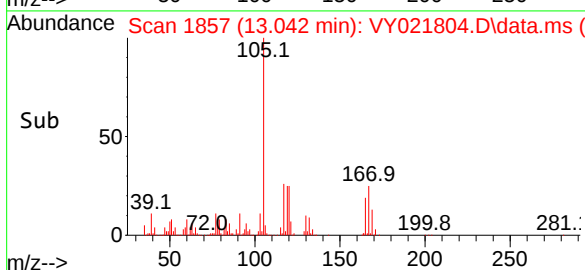
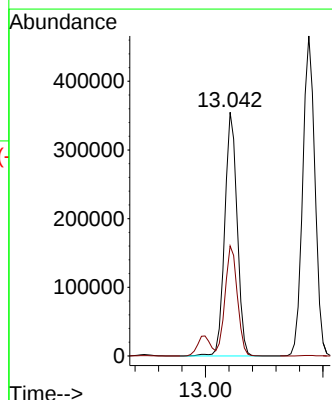
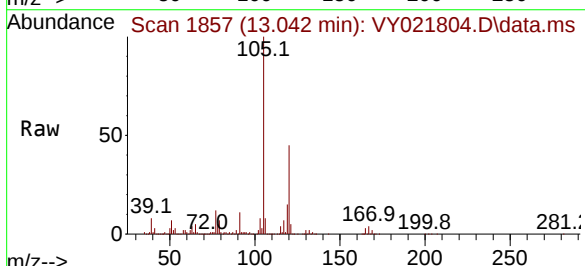
Acq: 07 Apr 2025 17:29

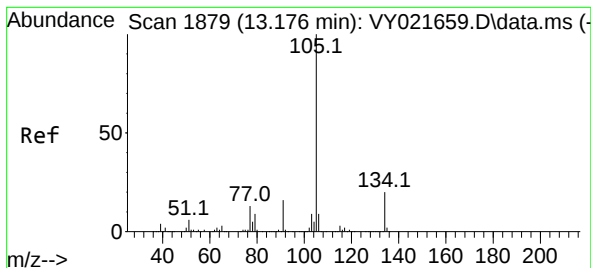
Tgt Ion:105 Resp: 519749

Ion Ratio Lower Upper

105 100

120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.405 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

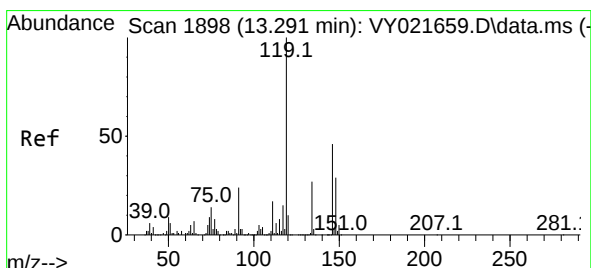
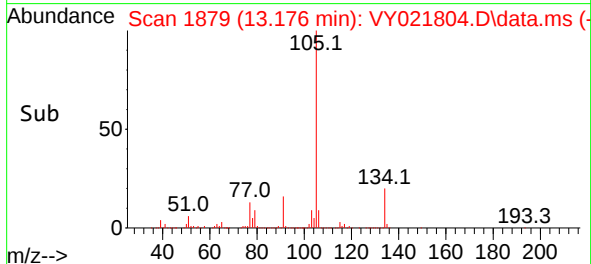
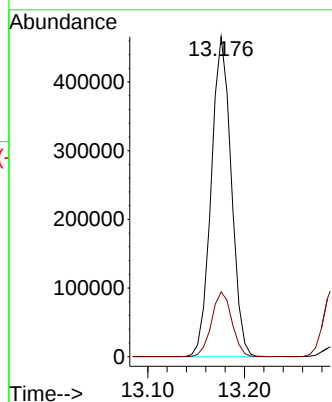
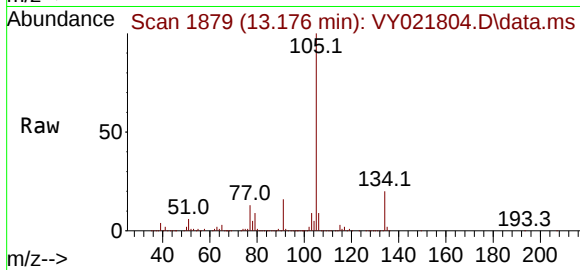
VSTDCCC050EC

Tgt Ion:105 Resp: 670543

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.574 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

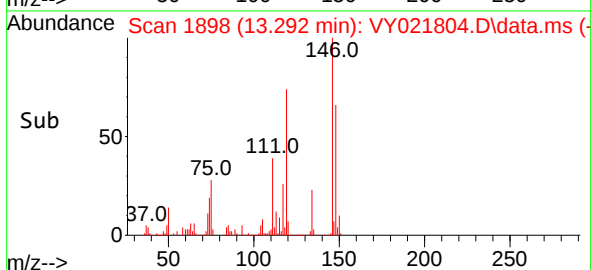
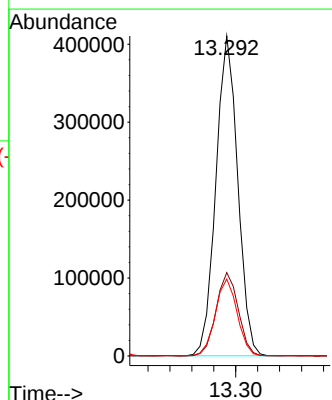
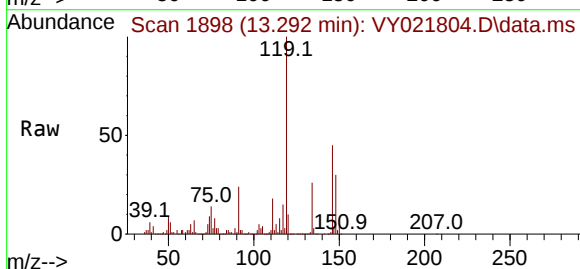
Tgt Ion:119 Resp: 567055

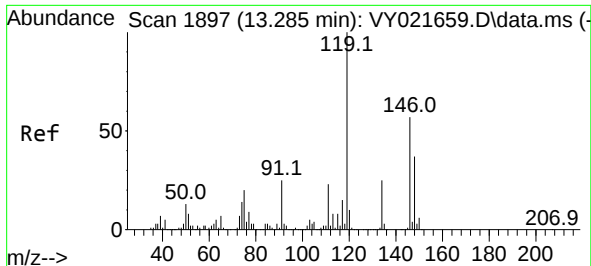
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 24.1 12.0 36.0

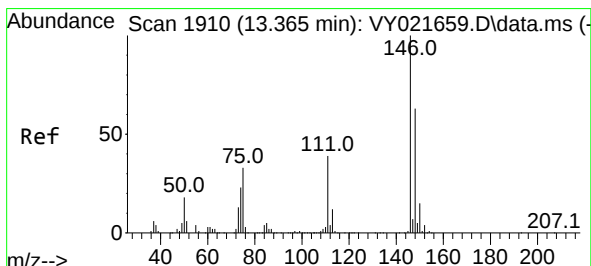
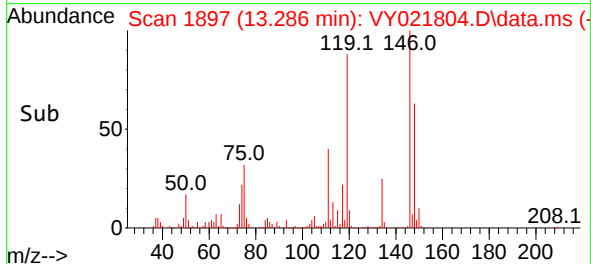
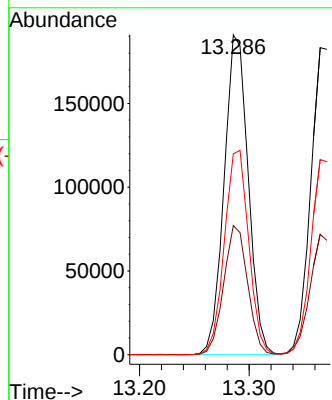
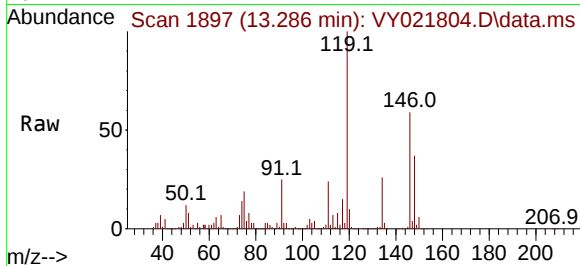




#87
1,3-Dichlorobenzene
Concen: 49.310 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

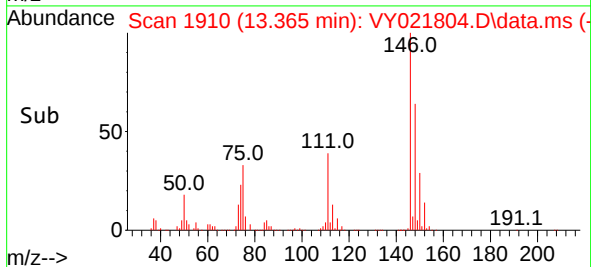
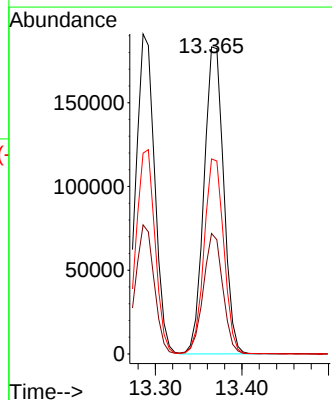
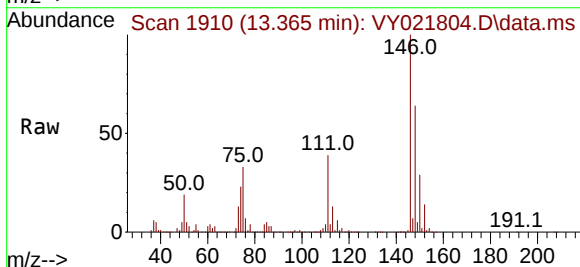
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 291683
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 64.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.448 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021804.D
Acq: 07 Apr 2025 17:29

Tgt Ion:146 Resp: 288989
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 51.422 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

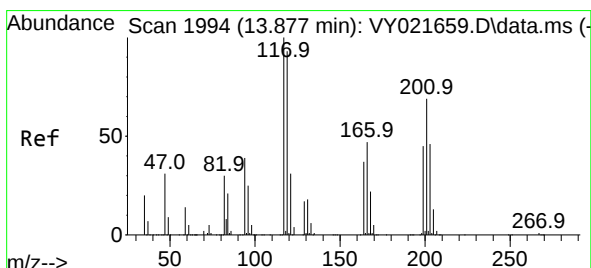
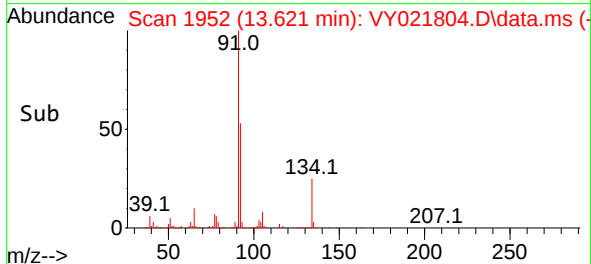
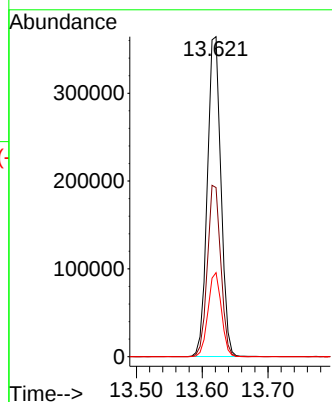
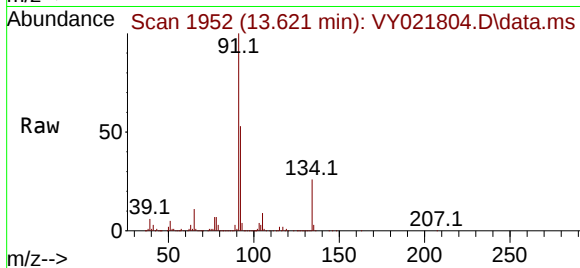
Tgt Ion: 91 Resp: 522872

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.8 12.8 38.4



#90

Hexachloroethane

Concen: 48.894 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021804.D

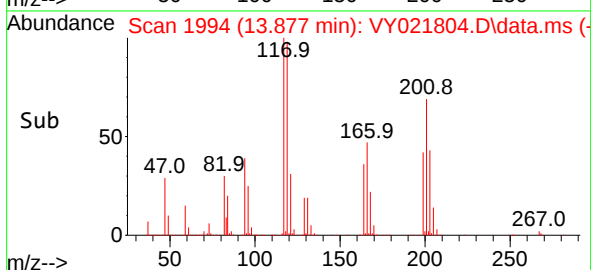
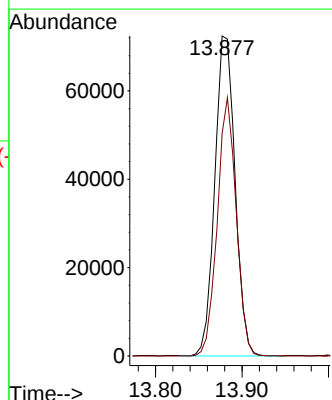
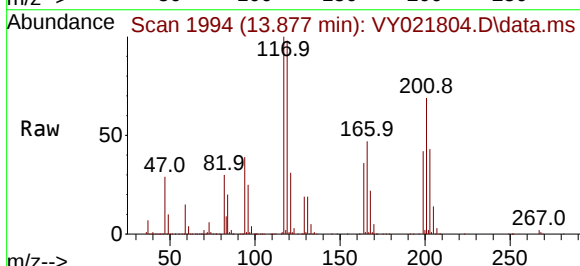
Acq: 07 Apr 2025 17:29

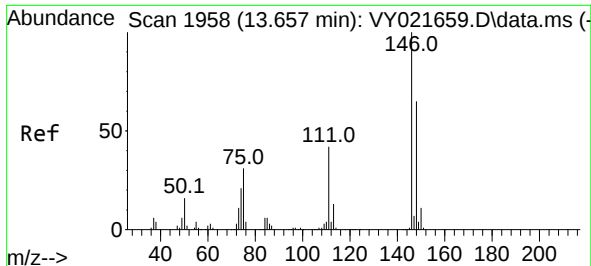
Tgt Ion: 117 Resp: 117807

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 50.078 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

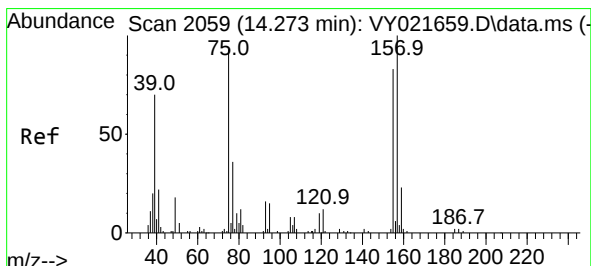
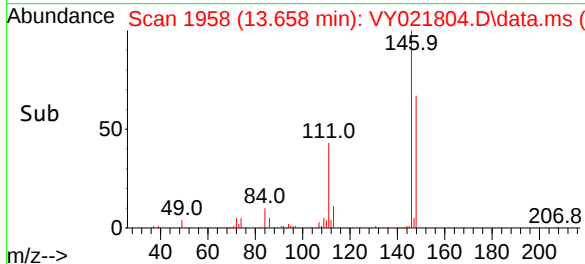
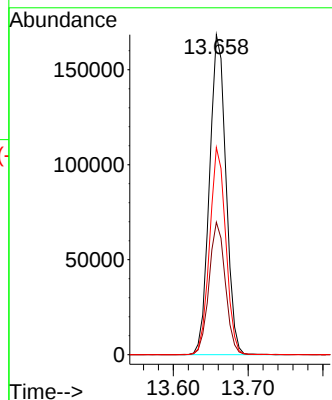
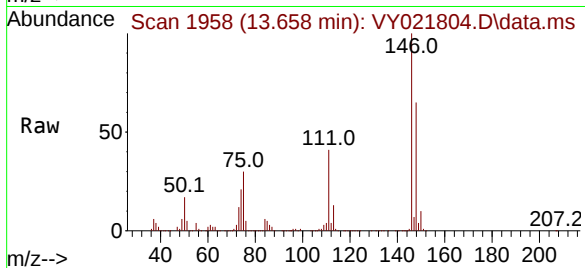
Tgt Ion:146 Resp: 257864

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.624 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

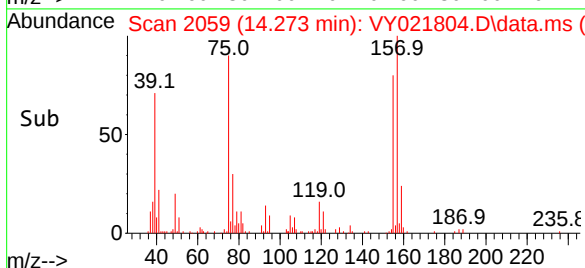
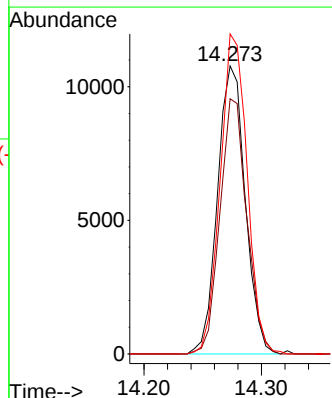
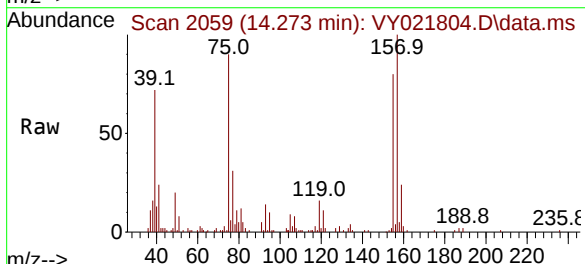
Tgt Ion: 75 Resp: 17640

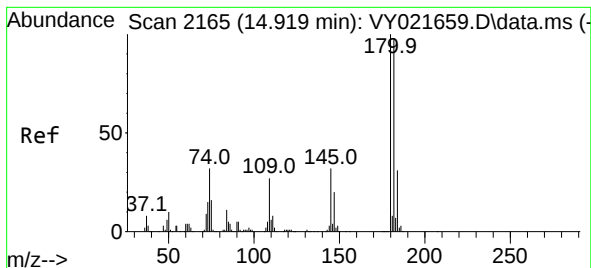
Ion Ratio Lower Upper

75 100

155 86.1 43.0 128.8

157 108.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 54.582 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

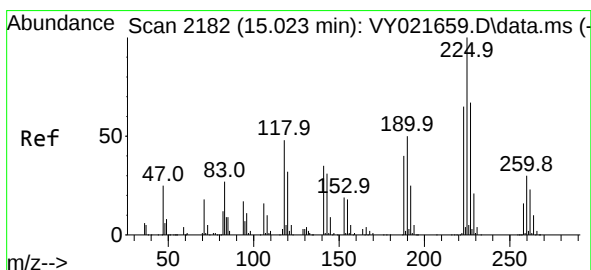
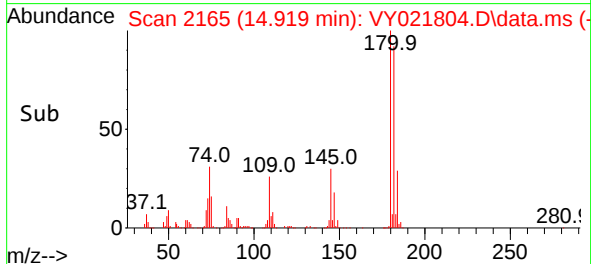
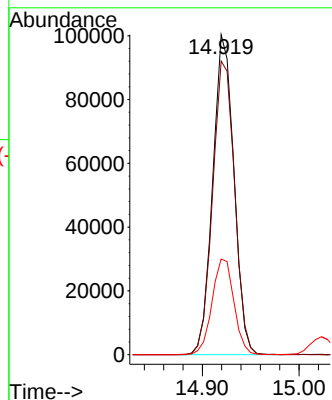
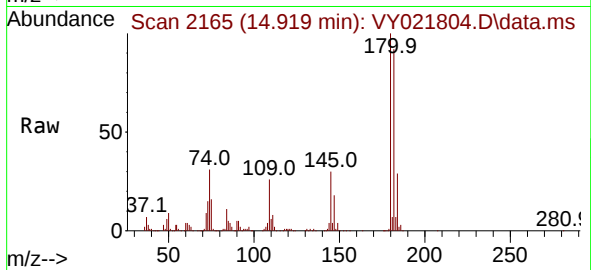
Tgt Ion:180 Resp: 152417

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 31.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 51.756 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

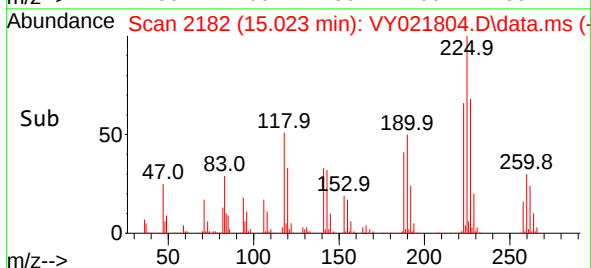
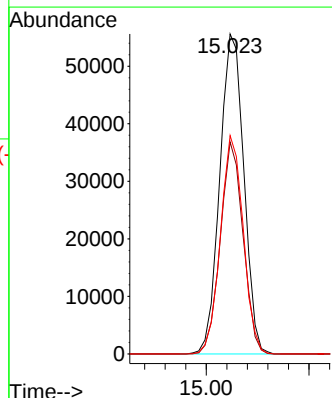
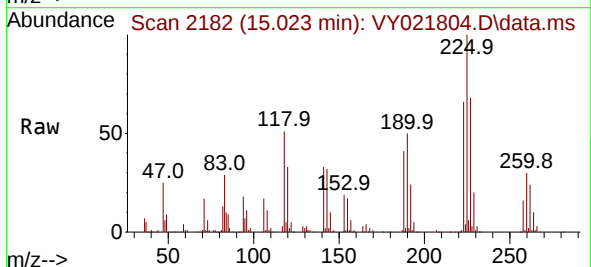
Tgt Ion:225 Resp: 90260

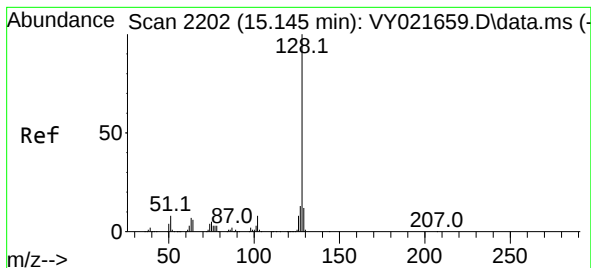
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.7

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 60.132 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

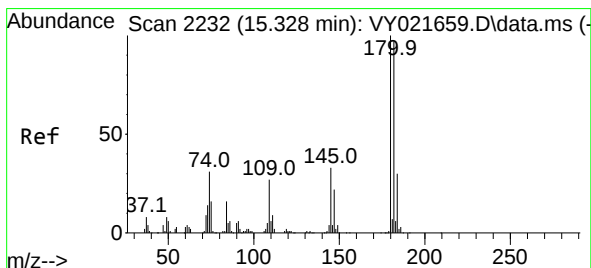
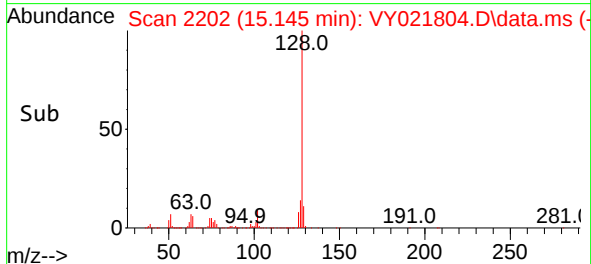
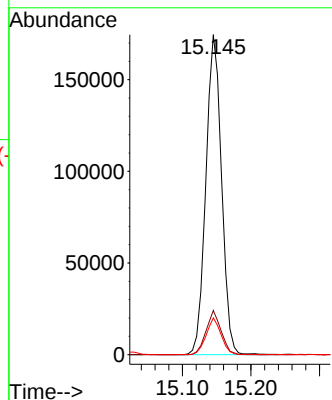
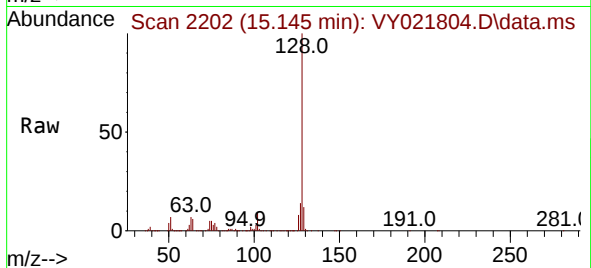
Tgt Ion:128 Resp: 278323

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.748 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021804.D

Acq: 07 Apr 2025 17:29

Tgt Ion:180 Resp: 132748

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 31.7 15.9 47.7

