

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021850.D
 Acq On : 11 Apr 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 02:44:50 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	297119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	443480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151806	47.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.320%
35) Dibromofluoromethane	7.634	113	154716	53.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.109	98	593879	54.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.407	95	204439	55.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	148510	48.224	ug/l	99
3) Chloromethane	2.068	50	175685	40.571	ug/l	99
4) Vinyl Chloride	2.202	62	215226	43.949	ug/l	99
5) Bromomethane	2.592	94	137642	41.209	ug/l	98
6) Chloroethane	2.732	64	143455	44.767	ug/l	99
7) Trichlorofluoromethane	3.055	101	312161	49.760	ug/l	99
8) Diethyl Ether	3.458	74	83429	48.903	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	172642	52.178	ug/l	98
10) Methyl Iodide	4.000	142	213799	58.901	ug/l	97
11) Tert butyl alcohol	4.860	59	43085	206.054	ug/l	98
12) 1,1-Dichloroethene	3.787	96	160729	51.574	ug/l	95
13) Acrolein	3.653	56	24030	62.939	ug/l	98
14) Allyl chloride	4.385	41	245253	49.357	ug/l	98
15) Acrylonitrile	5.055	53	160485	225.299	ug/l	98
16) Acetone	3.872	43	140115	212.668	ug/l	97
17) Carbon Disulfide	4.104	76	485682	47.315	ug/l	98
18) Methyl Acetate	4.385	43	86045	52.695	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	392324	50.564	ug/l	97
20) Methylene Chloride	4.610	84	172521	53.807	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	176505	51.439	ug/l	99
22) Diisopropyl ether	6.018	45	520584	49.943	ug/l	97
23) Vinyl Acetate	5.957	43	1395888	228.914	ug/l	97
24) 1,1-Dichloroethane	5.915	63	316500	50.780	ug/l	100
25) 2-Butanone	6.890	43	206410	219.344	ug/l	100
26) 2,2-Dichloropropane	6.884	77	289858	52.281	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	201955	52.336	ug/l	97
28) Bromochloromethane	7.244	49	120332	45.778	ug/l	91
29) Tetrahydrofuran	7.262	42	131836	217.681	ug/l	96
30) Chloroform	7.421	83	330395	50.965	ug/l	98
31) Cyclohexane	7.701	56	273074	48.062	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	303409	51.783	ug/l	98
36) 1,1-Dichloropropene	7.835	75	235713	53.794	ug/l	98
37) Ethyl Acetate	6.988	43	94960	45.920	ug/l	98
38) Carbon Tetrachloride	7.817	117	281437	56.078	ug/l	99
39) Methylcyclohexane	9.109	83	293104	55.995	ug/l	99
40) Benzene	8.079	78	703035	53.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	57678	52.519	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	187930	50.800	ug/l	99
43) Isopropyl Acetate	8.195	43	186649	47.628	ug/l	98
44) Trichloroethene	8.865	130	191624	57.313	ug/l	99
45) 1,2-Dichloropropane	9.140	63	165477	53.274	ug/l	99
46) Dibromomethane	9.231	93	91924	51.350	ug/l	97
47) Bromodichloromethane	9.426	83	244848	52.785	ug/l	99
48) Methyl methacrylate	9.219	41	90539	50.338	ug/l	98
49) 1,4-Dioxane	9.231	88	19781	1031.494	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	489078	239.815	ug/l	99
52) Toluene	10.170	92	451688	55.170	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	216647	52.583	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	259622	53.414	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	119942	52.065	ug/l	98
56) Ethyl methacrylate	10.438	69	161990	55.069	ug/l	96
57) 1,3-Dichloropropane	10.719	76	207535	52.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	385567	268.689	ug/l	98
59) 2-Hexanone	10.761	43	324670	239.043	ug/l	97
60) Dibromochloromethane	10.914	129	170283	54.139	ug/l	99
61) 1,2-Dibromoethane	11.017	107	115322	53.364	ug/l	100
64) Tetrachloroethene	10.646	164	220901	62.690	ug/l	98
65) Chlorobenzene	11.444	112	490509	55.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	174220	55.366	ug/l	98
67) Ethyl Benzene	11.517	91	875689	57.580	ug/l	100
68) m/p-Xylenes	11.627	106	668010	114.707	ug/l	99
69) o-Xylene	11.956	106	314535	58.511	ug/l	99
70) Styrene	11.969	104	521332	58.165	ug/l	99
71) Bromoform	12.133	173	98084	54.645	ug/l #	99
73) Isopropylbenzene	12.255	105	840346	57.648	ug/l	100
74) N-amyl acetate	12.072	43	170949	49.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	119836	45.724	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	175042	89.974	ug/l #	100
77) Bromobenzene	12.529	156	195729	55.923	ug/l	95
78) n-propylbenzene	12.596	91	998462	56.973	ug/l	99
79) 2-Chlorotoluene	12.682	91	565586	55.564	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	682195	57.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	40635	48.127	ug/l	97
82) 4-Chlorotoluene	12.779	91	585547	55.178	ug/l	100
83) tert-Butylbenzene	12.999	119	613715	57.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	682635	57.973	ug/l	100
85) sec-Butylbenzene	13.176	105	901482	58.131	ug/l	99
86) p-Isopropyltoluene	13.291	119	763533	59.571	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	381636	55.345	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	371844	54.580	ug/l	98
89) n-Butylbenzene	13.615	91	695112	58.642	ug/l	99
90) Hexachloroethane	13.883	117	153528	54.661	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	333381	55.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20255	49.864	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	205661	63.179	ug/l	100
94) Hexachlorobutadiene	15.023	225	130880	64.378	ug/l	98
95) Naphthalene	15.145	128	340784	63.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	173096	62.357	ug/l	99

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Response via : Initial Calibration

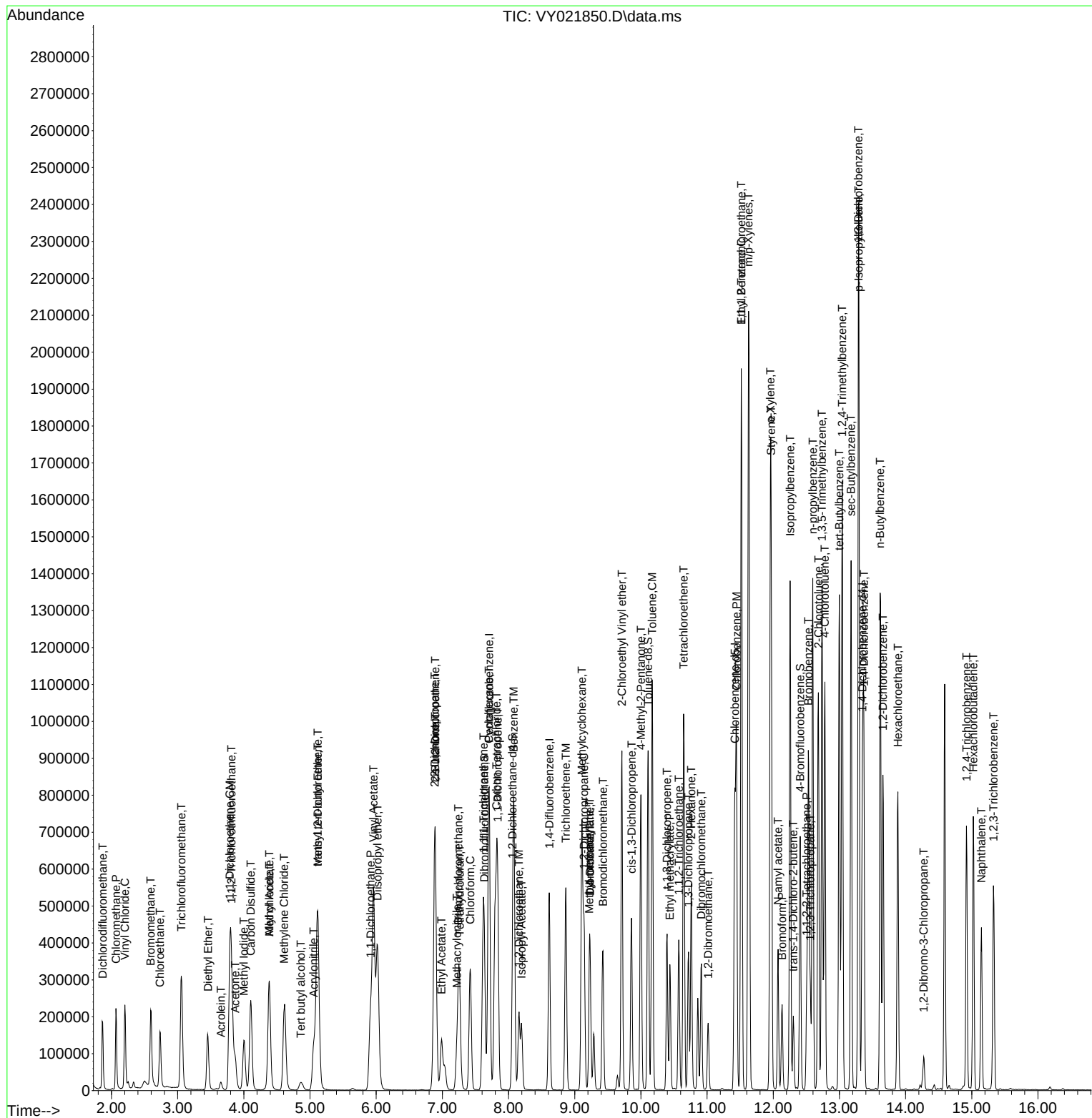
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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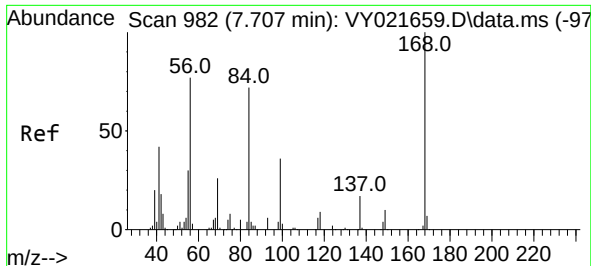
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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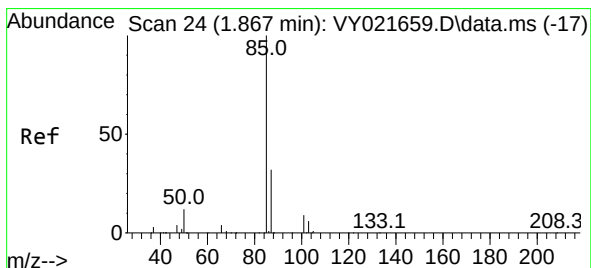
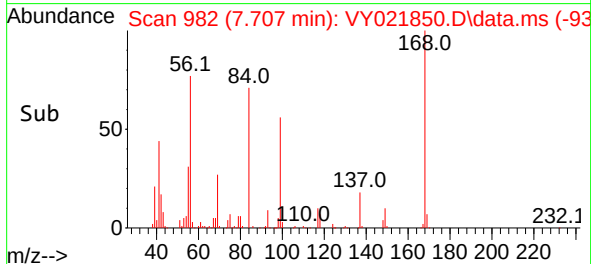
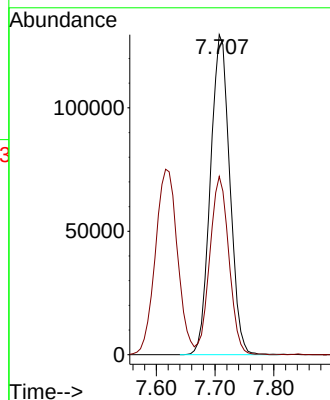
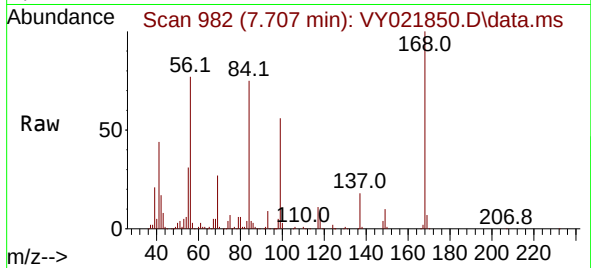




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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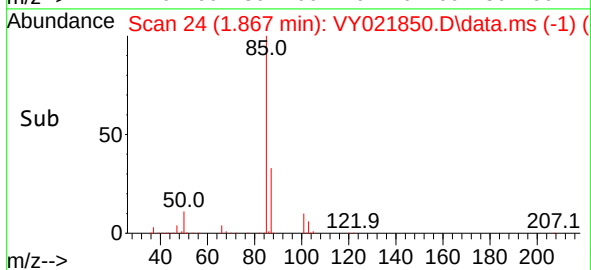
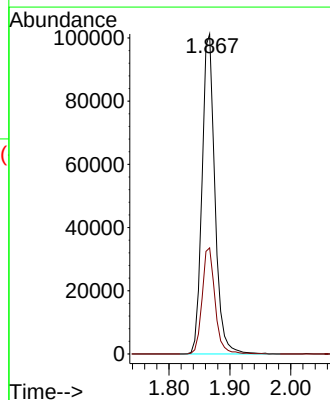
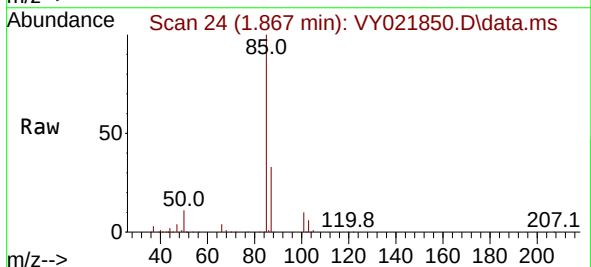
Instrument :
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ClientSampleId :
VSTDCCC050

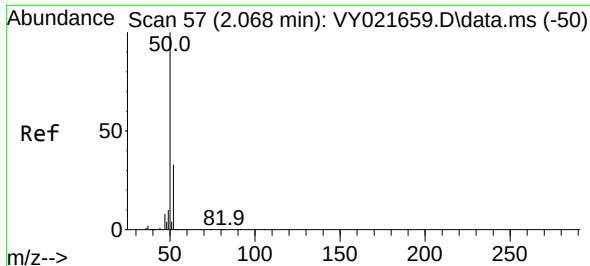
Tgt Ion:168 Resp: 297119
Ion Ratio Lower Upper
168 100
99 55.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 48.224 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 85 Resp: 148510
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

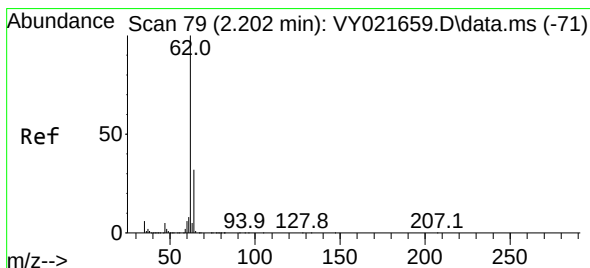
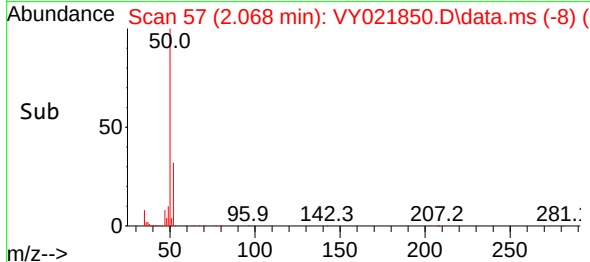
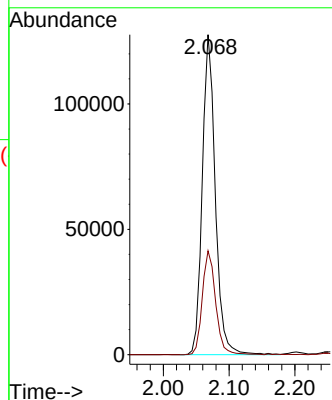
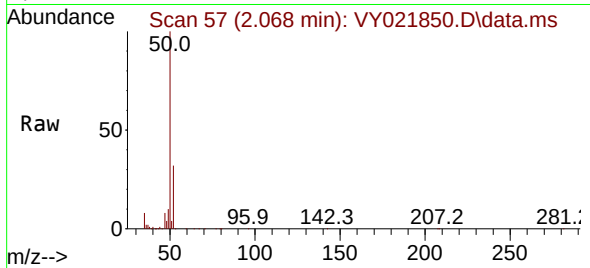




#3
Chloromethane
Concen: 40.571 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

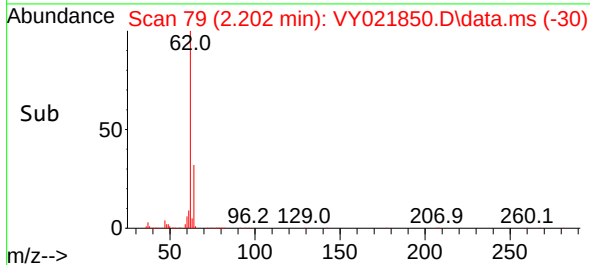
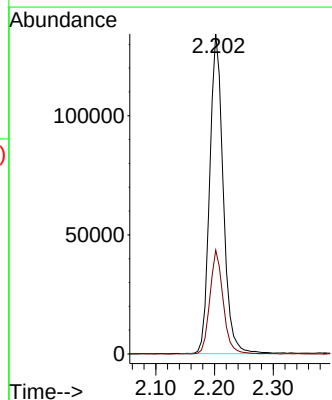
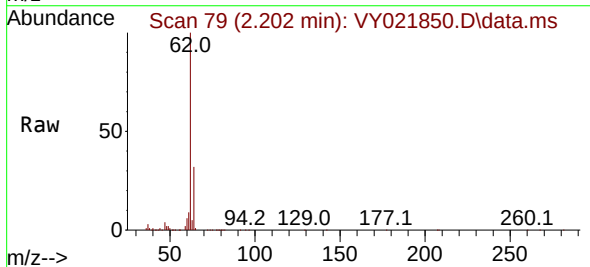
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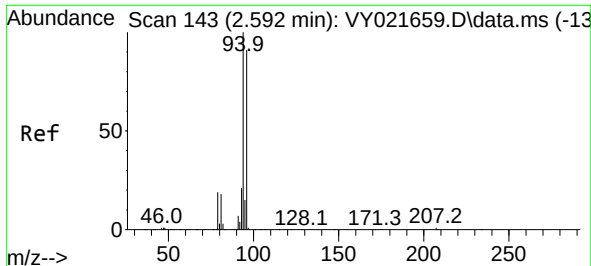
Tgt Ion: 50 Resp: 175685
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 43.949 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 62 Resp: 215226
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3

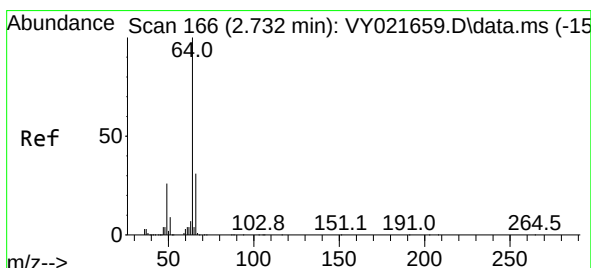
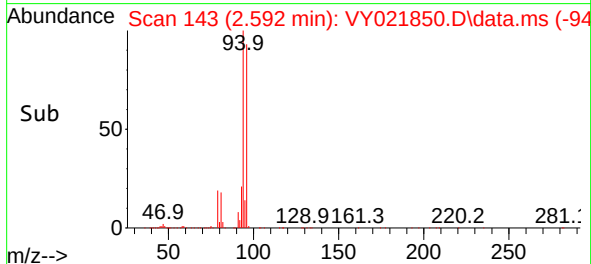
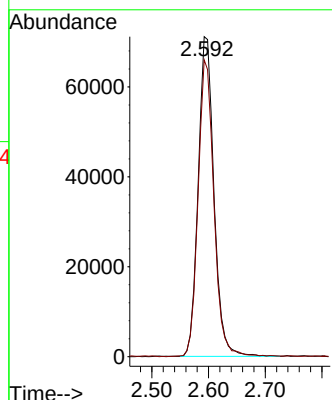
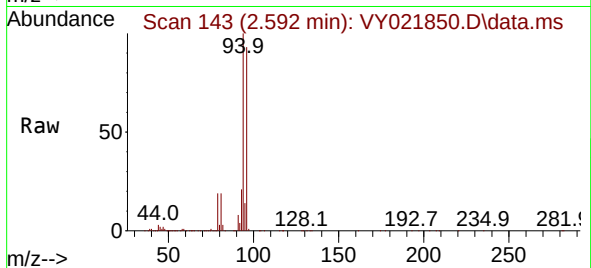




#5
Bromomethane
Concen: 41.209 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021850.D
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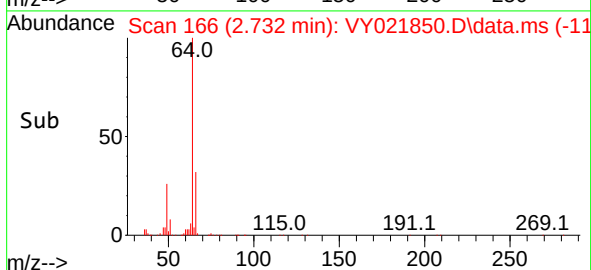
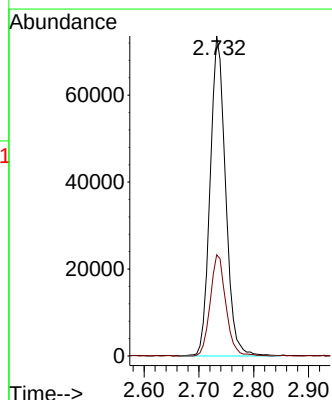
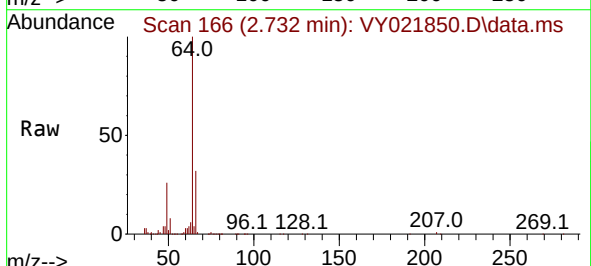
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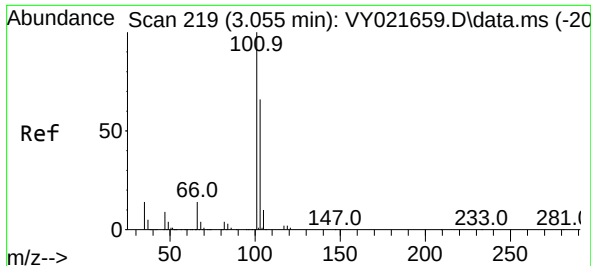
Tgt Ion: 94 Resp: 137642
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2



#6
Chloroethane
Concen: 44.767 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021850.D
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Tgt Ion: 64 Resp: 143455
Ion Ratio Lower Upper
64 100
66 31.6 24.9 37.3

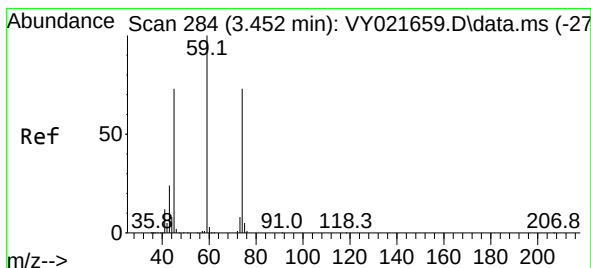
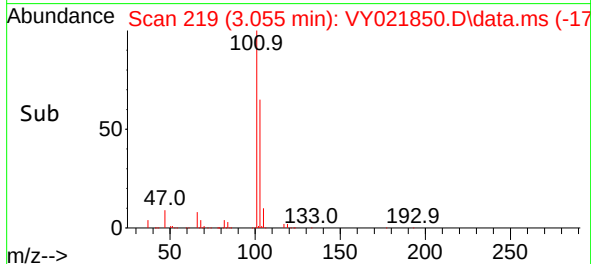
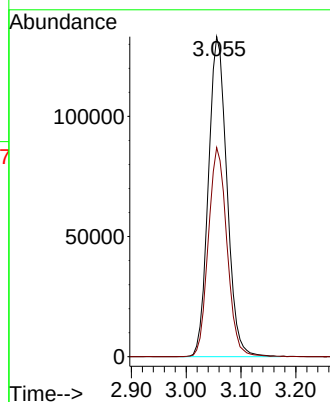
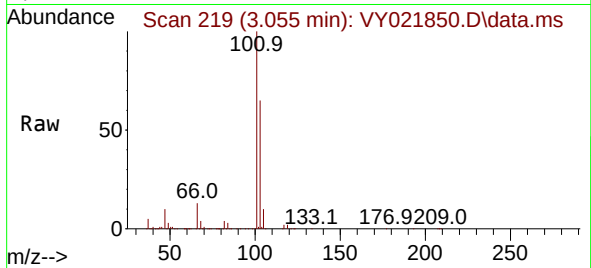




#7
 Trichlorofluoromethane
 Concen: 49.760 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021850.D
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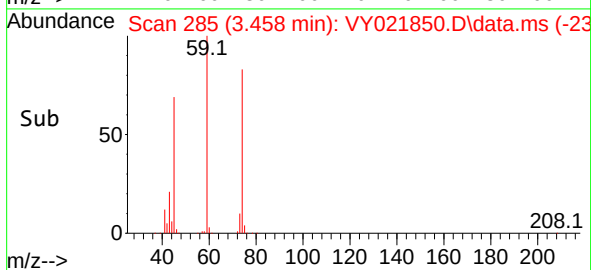
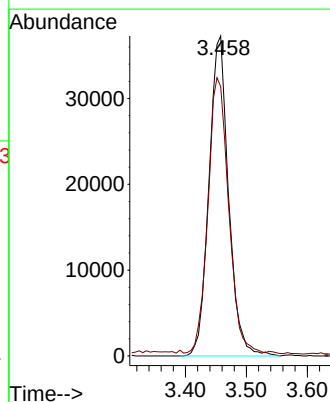
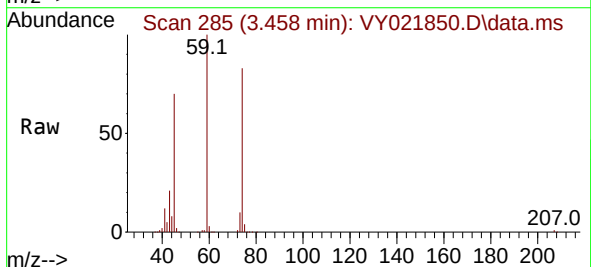
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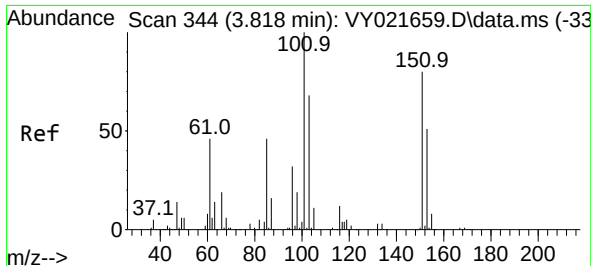
Tgt Ion:101 Resp: 312161
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 48.903 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 83429
 Ion Ratio Lower Upper
 74 100
 45 90.4 48.6 145.8

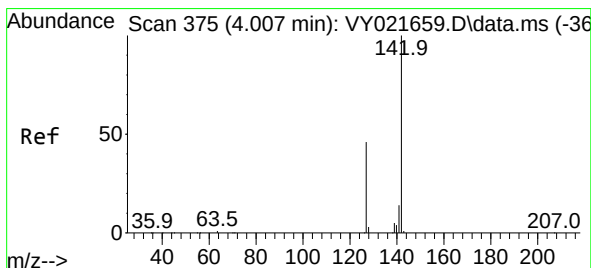
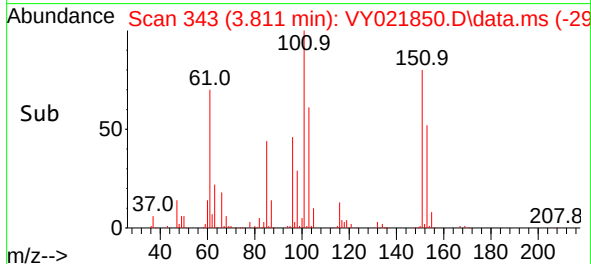
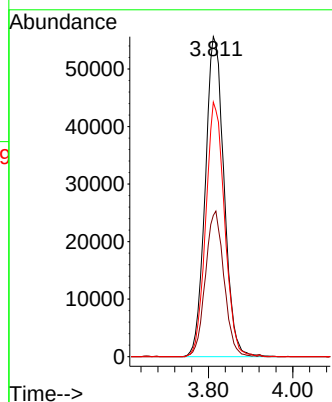
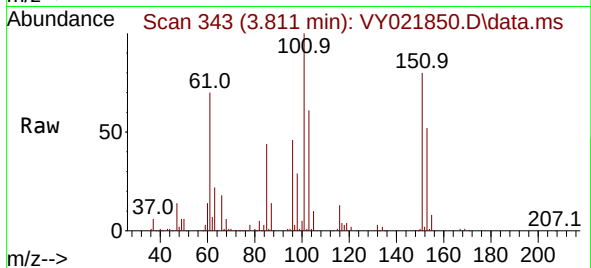




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.178 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

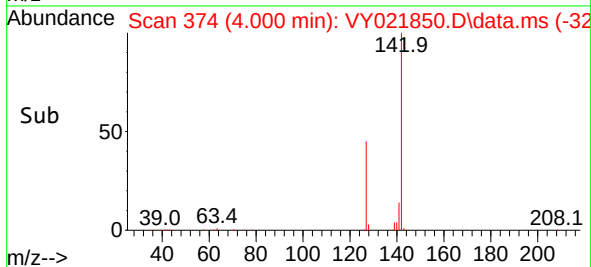
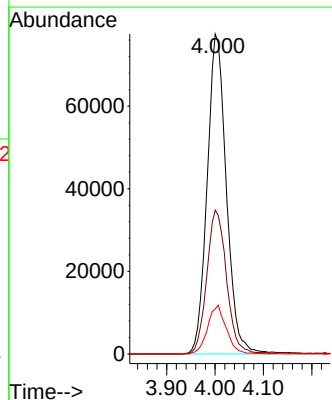
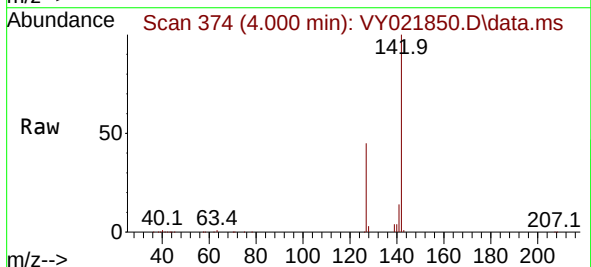
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

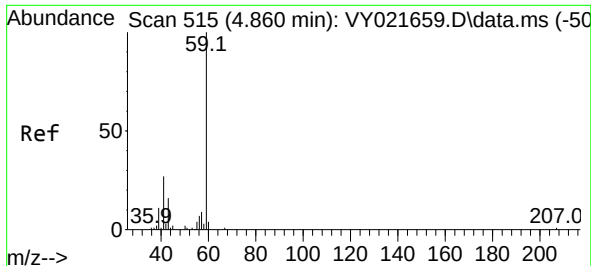
Tgt Ion:101 Resp: 172642
Ion Ratio Lower Upper
101 100
85 45.1 36.3 54.5
151 79.5 61.3 91.9



#10
Methyl Iodide
Concen: 58.901 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:142 Resp: 213799
Ion Ratio Lower Upper
142 100
127 46.3 38.7 58.1
141 14.8 11.5 17.3

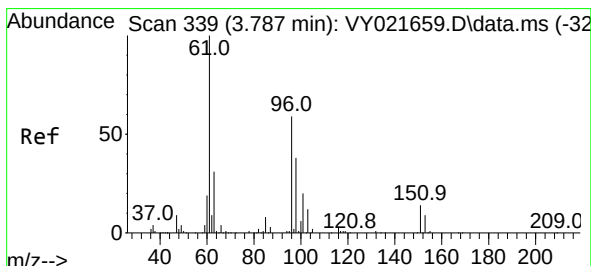
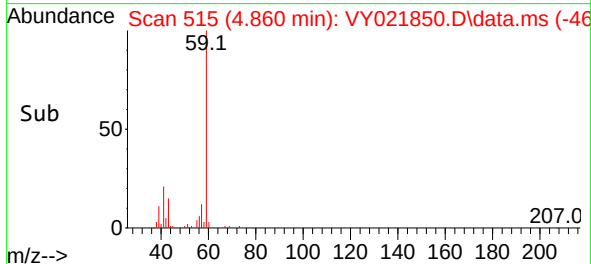
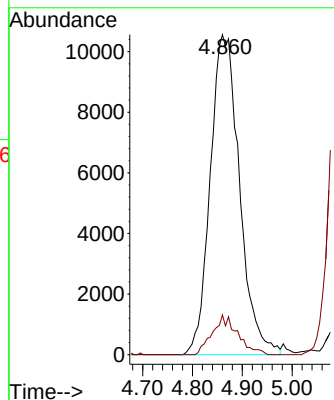
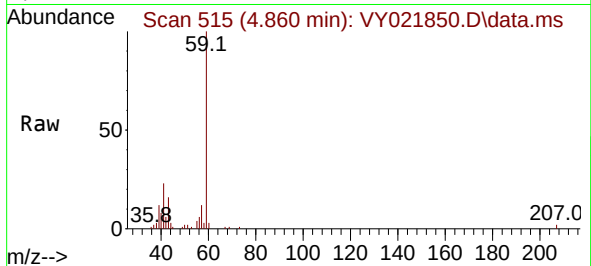




#11
Tert butyl alcohol
Concen: 206.054 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

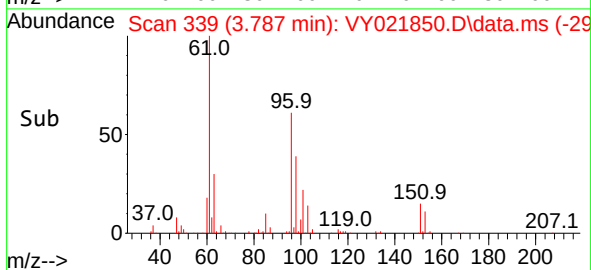
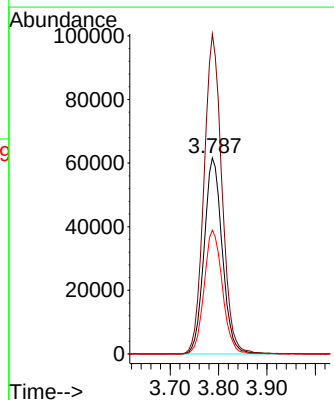
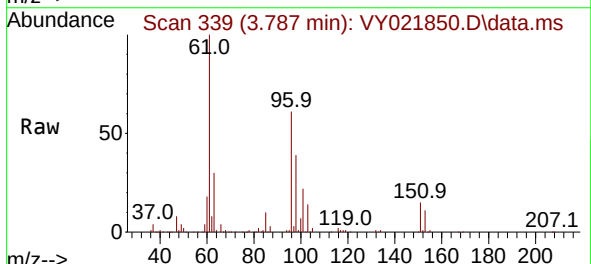
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

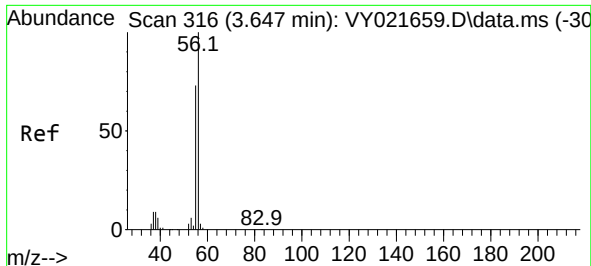
Tgt Ion: 59 Resp: 43085
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8



#12
1,1-Dichloroethene
Concen: 51.574 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 96 Resp: 160729
Ion Ratio Lower Upper
96 100
61 163.2 136.6 204.8
98 63.2 52.3 78.5

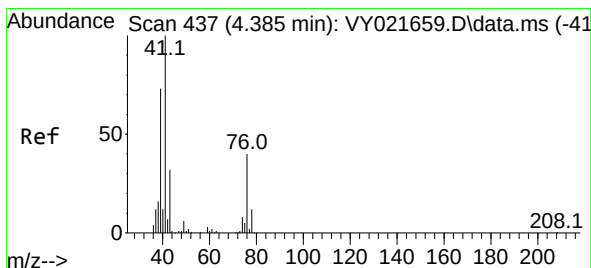
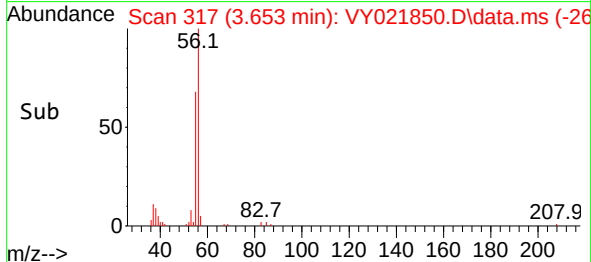
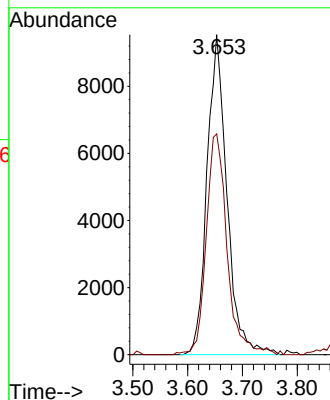
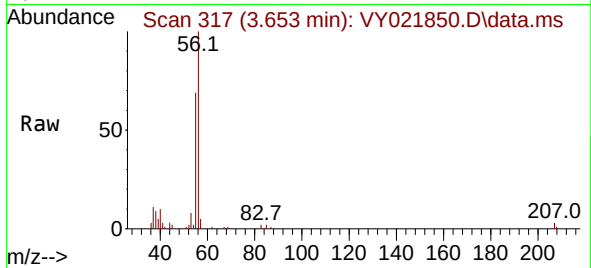




#13
Acrolein
Concen: 62.939 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

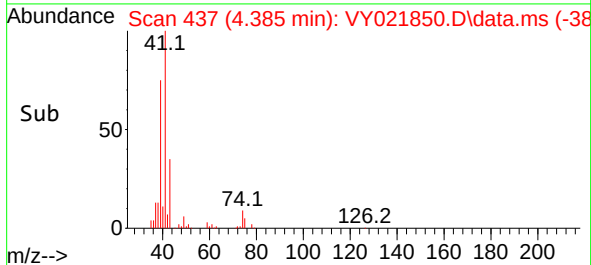
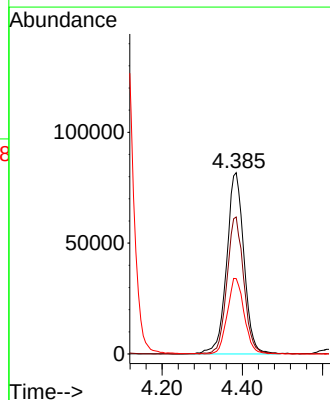
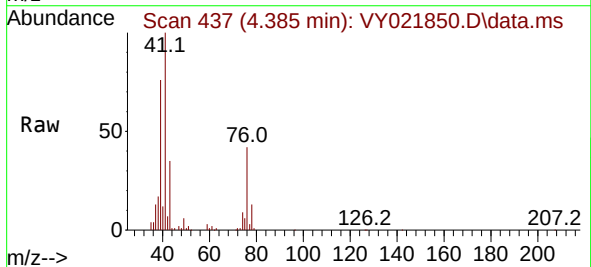
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

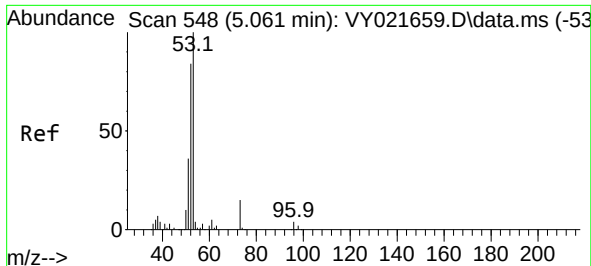
Tgt Ion: 56 Resp: 24030
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0



#14
Allyl chloride
Concen: 49.357 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 41 Resp: 245253
Ion Ratio Lower Upper
41 100
39 73.1 58.6 88.0
76 40.5 30.3 45.5

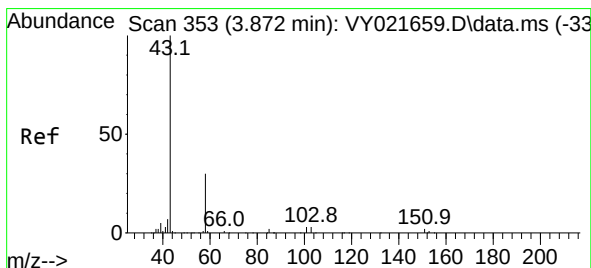
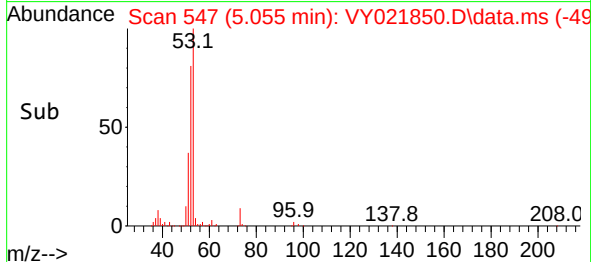
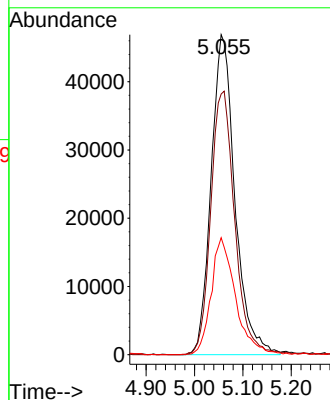
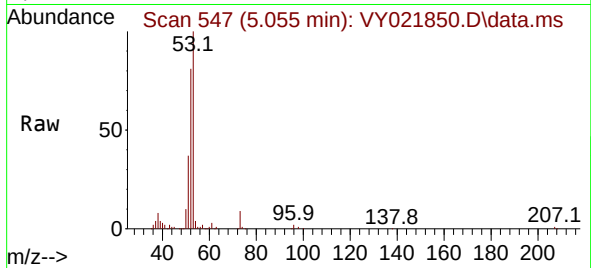




#15
Acrylonitrile
Concen: 225.299 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

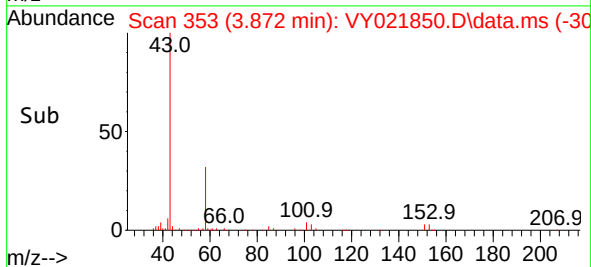
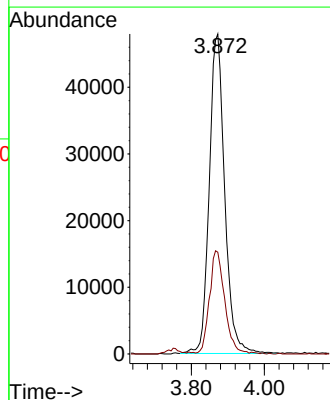
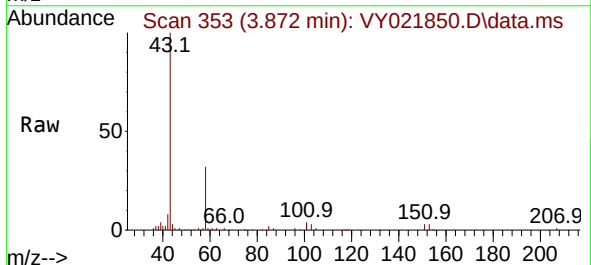
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

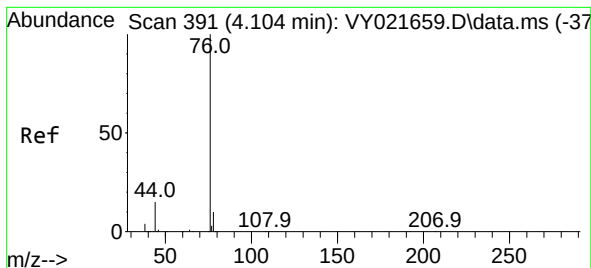
Tgt Ion: 53 Resp: 160485
Ion Ratio Lower Upper
53 100
52 83.0 64.9 97.3
51 37.4 30.2 45.2



#16
Acetone
Concen: 212.668 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 43 Resp: 140115
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.4





#17

Carbon Disulfide

Concen: 47.315 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

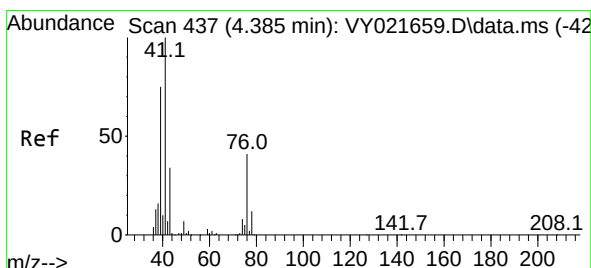
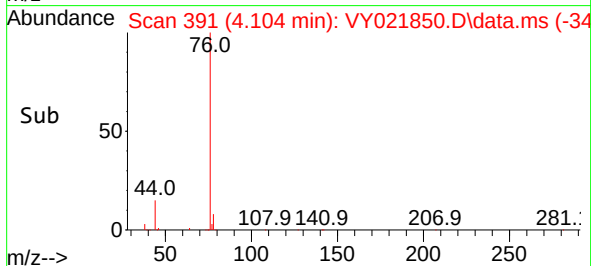
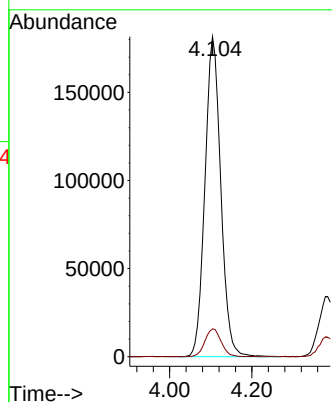
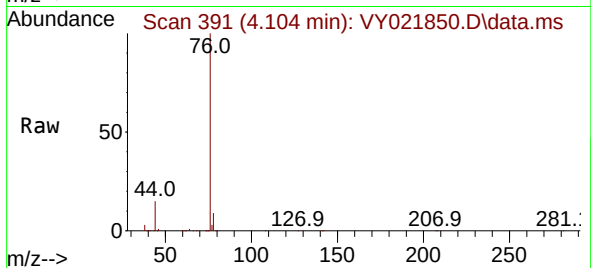
VSTDCCC050

Tgt Ion: 76 Resp: 485682

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4



#18

Methyl Acetate

Concen: 52.695 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021850.D

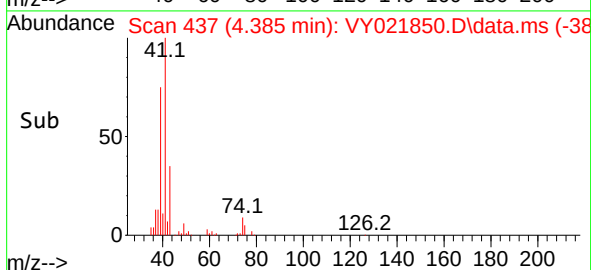
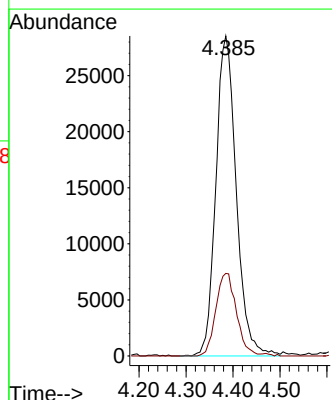
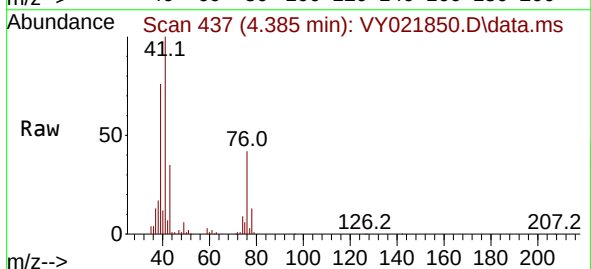
Acq: 11 Apr 2025 09:18

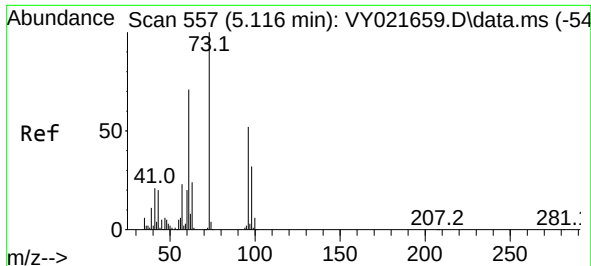
Tgt Ion: 43 Resp: 86045

Ion Ratio Lower Upper

43 100

74 26.0 19.1 28.7

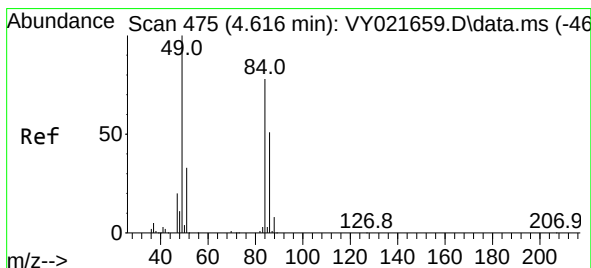
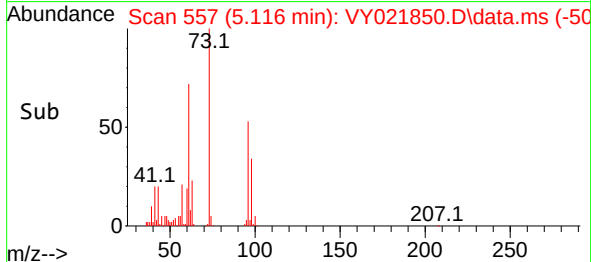
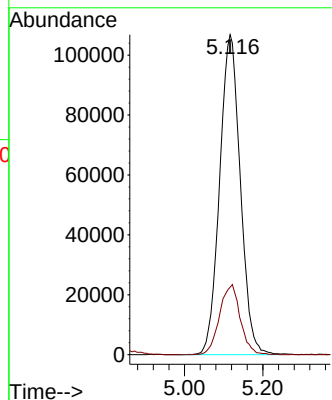
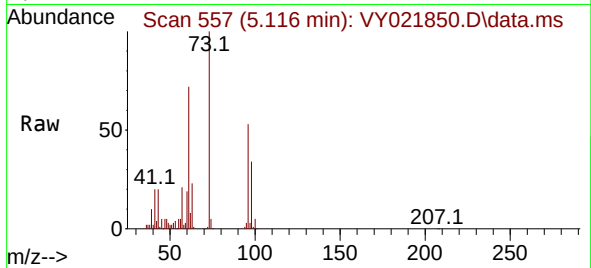




#19
Methyl tert-butyl Ether
Concen: 50.564 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

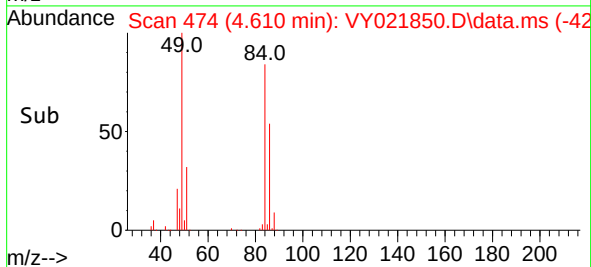
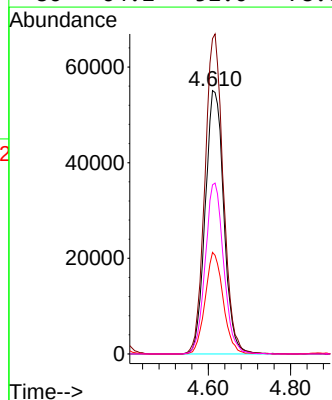
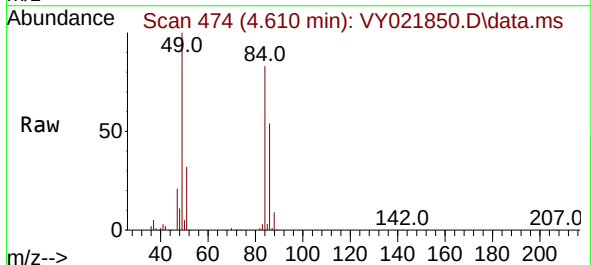
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

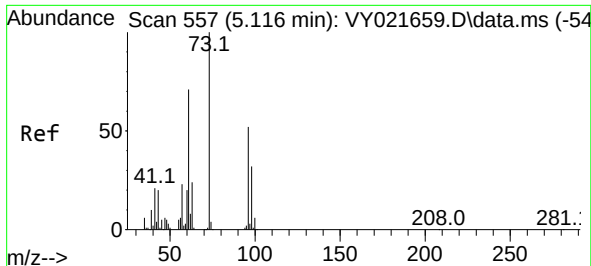
Tgt Ion: 73 Resp: 392324
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1



#20
Methylene Chloride
Concen: 53.807 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 84 Resp: 172521
Ion Ratio Lower Upper
84 100
49 119.8 102.8 154.2
51 38.6 33.5 50.3
86 64.2 52.0 78.0

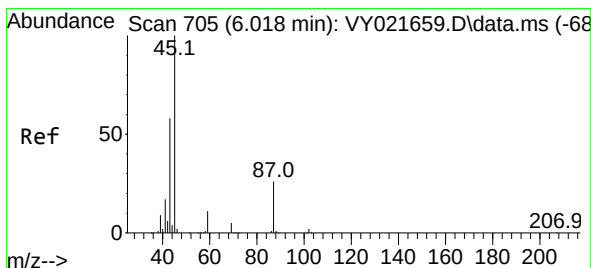
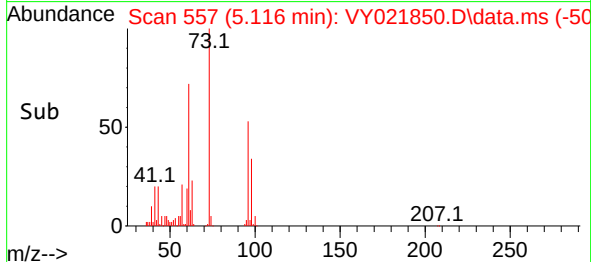
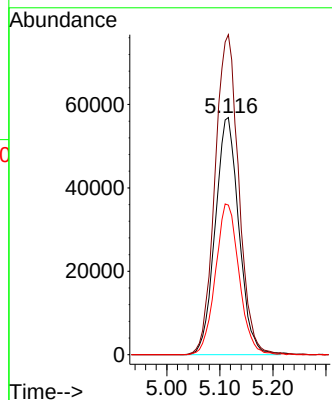
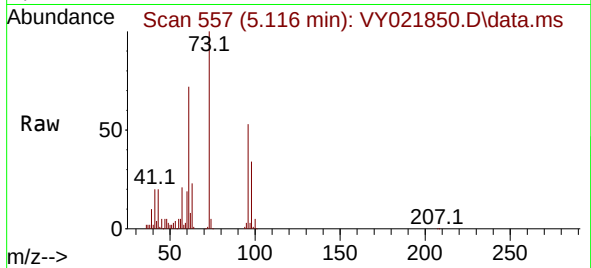




#21
trans-1,2-Dichloroethene
Concen: 51.439 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

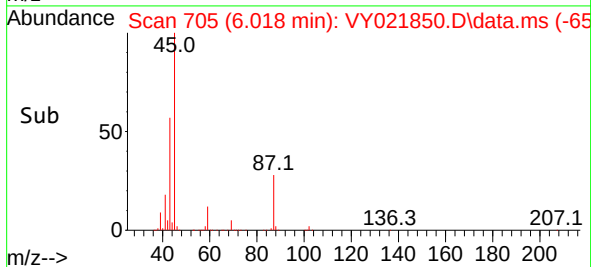
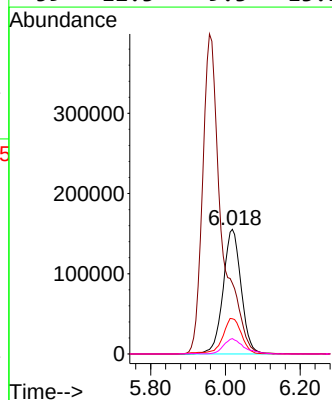
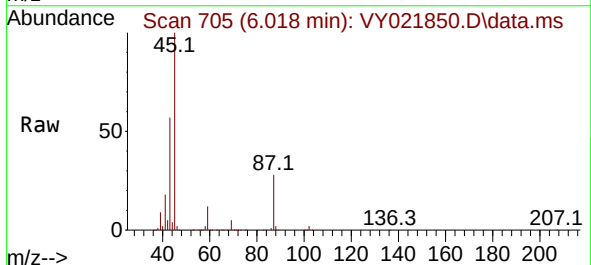
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

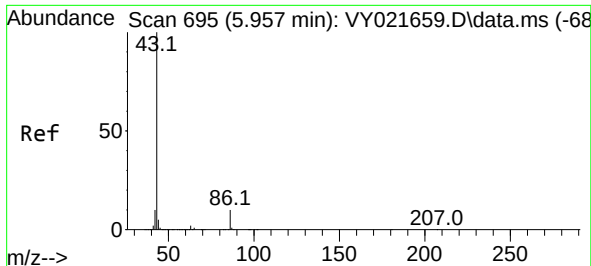
Tgt Ion: 96 Resp: 176505
Ion Ratio Lower Upper
96 100
61 135.0 109.4 164.0
98 63.1 50.2 75.2



#22
Diisopropyl ether
Concen: 49.943 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 45 Resp: 520584
Ion Ratio Lower Upper
45 100
43 56.7 46.6 69.8
87 28.2 20.7 31.1
59 12.3 9.3 13.9

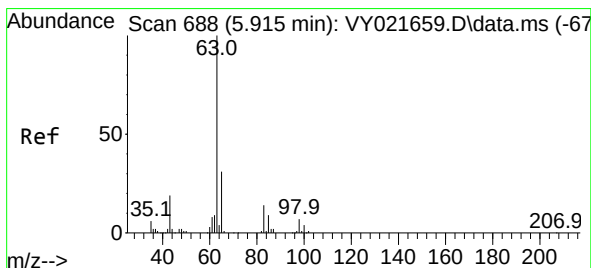
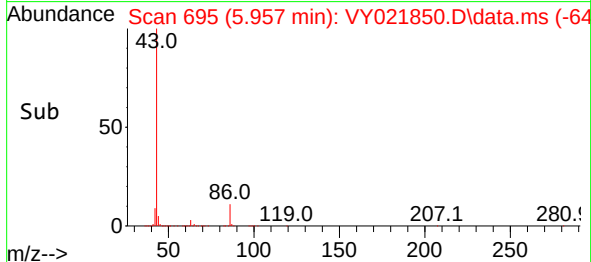
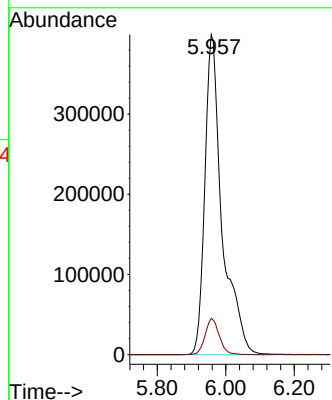
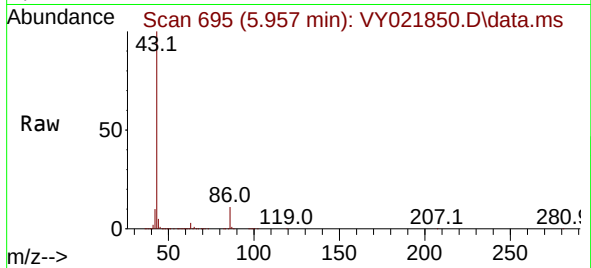




#23
 Vinyl Acetate
 Concen: 228.914 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

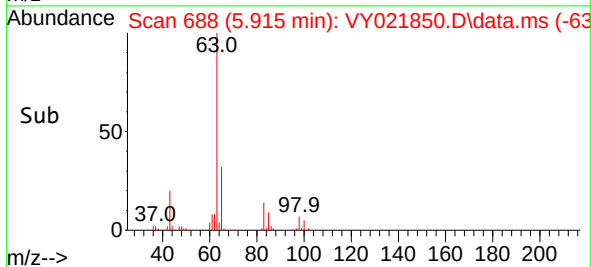
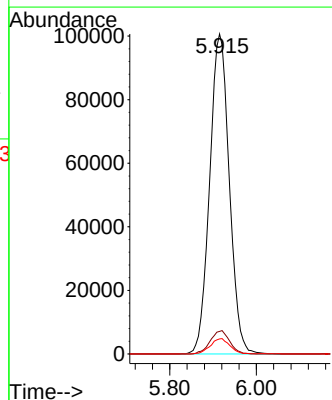
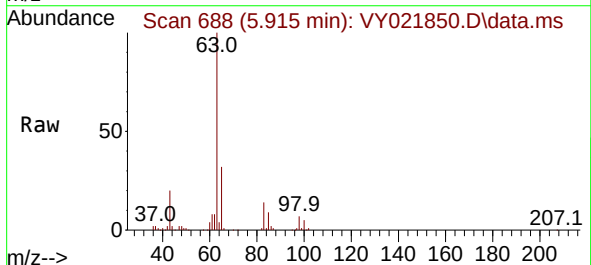
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

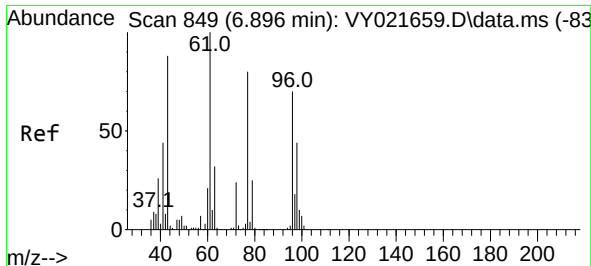
Tgt Ion: 43 Resp: 1395888
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.780 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

Tgt Ion: 63 Resp: 316500
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 219.344 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

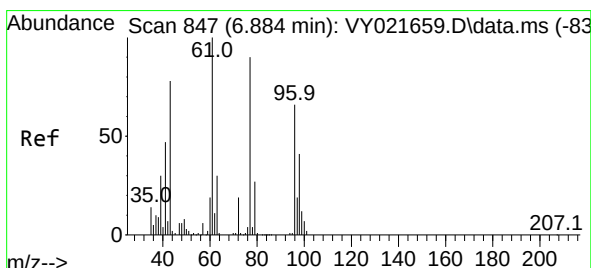
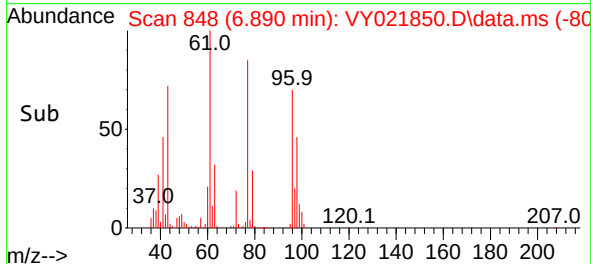
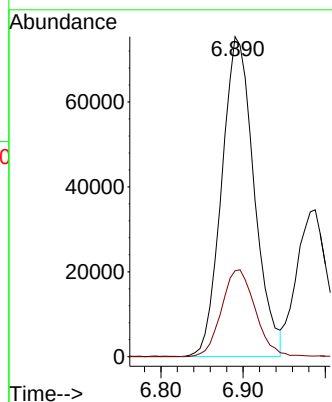
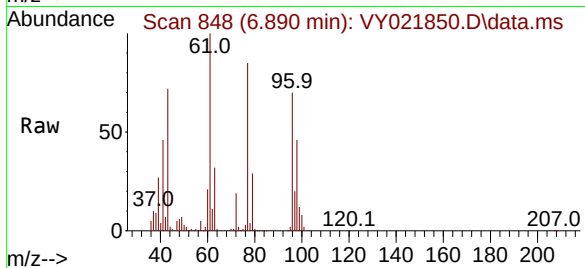
VSTDCCC050

Tgt Ion: 43 Resp: 206410

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 52.281 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021850.D

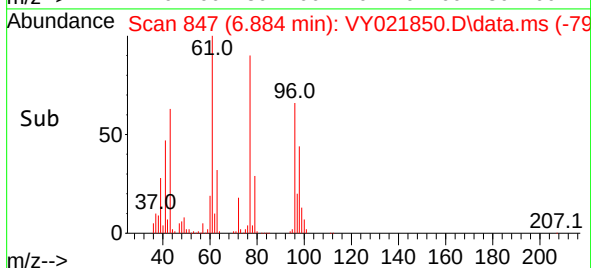
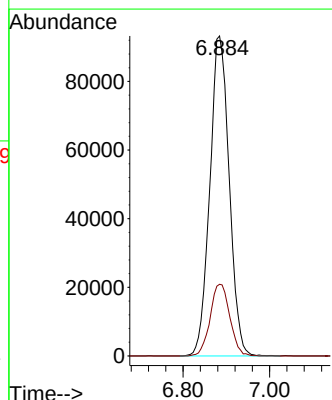
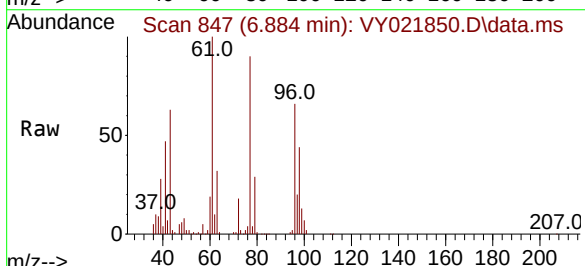
Acq: 11 Apr 2025 09:18

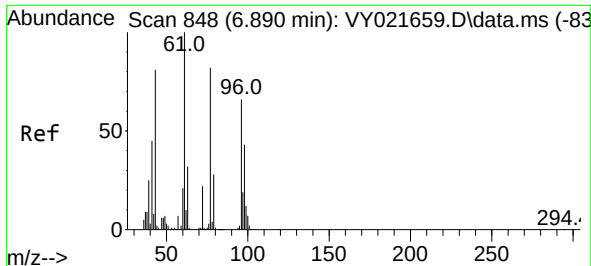
Tgt Ion: 77 Resp: 289858

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.336 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

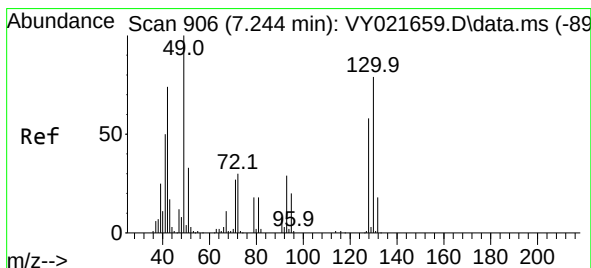
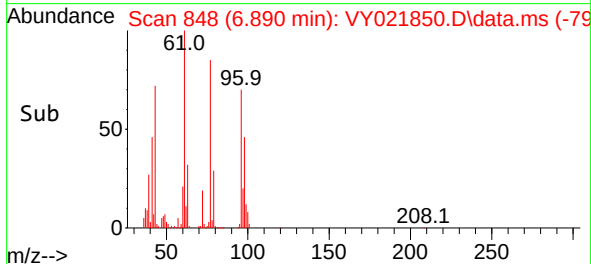
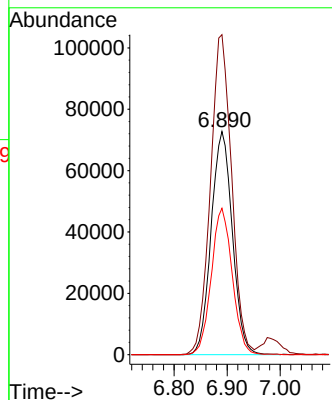
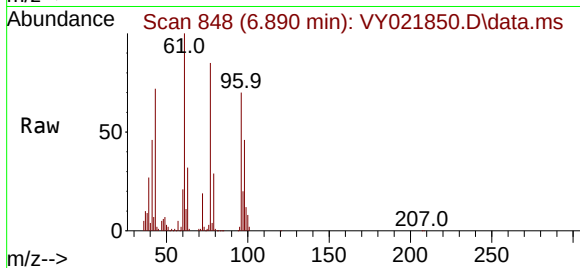
Tgt Ion: 96 Resp: 201955

Ion Ratio Lower Upper

96 100

61 143.4 0.0 296.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 45.778 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

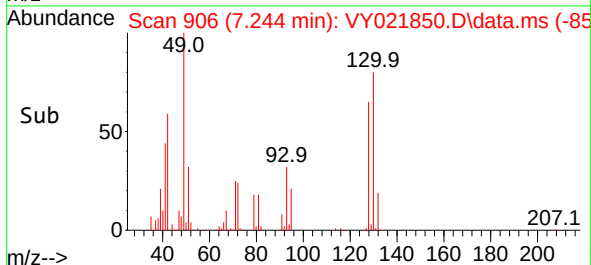
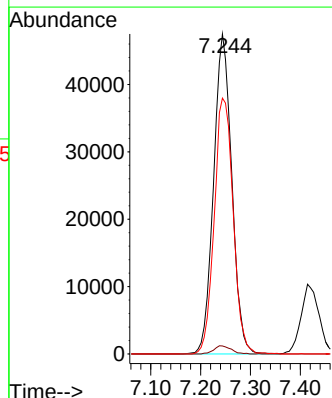
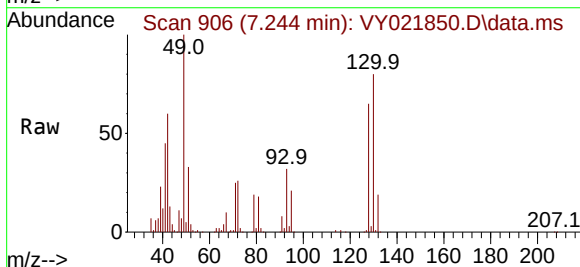
Tgt Ion: 49 Resp: 120332

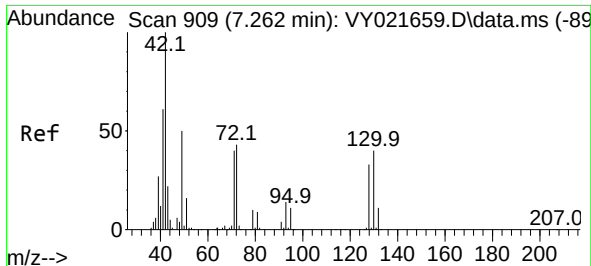
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 83.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 217.681 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

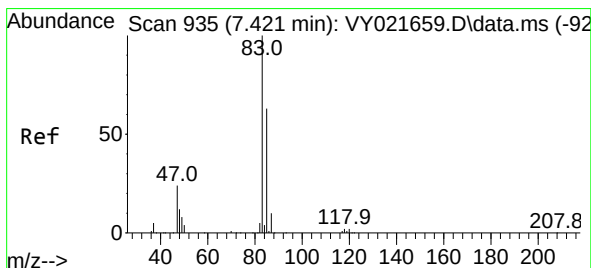
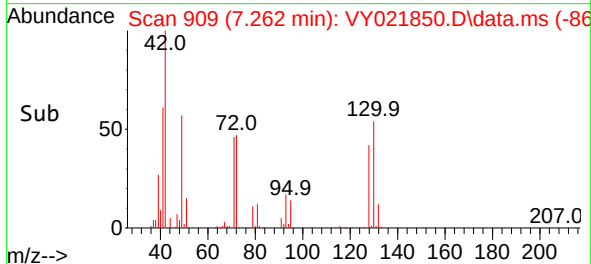
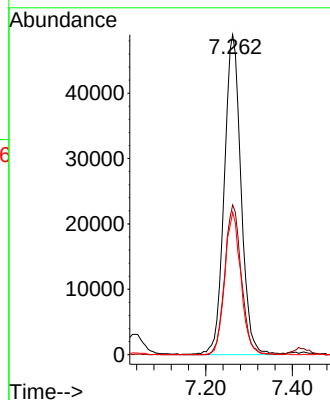
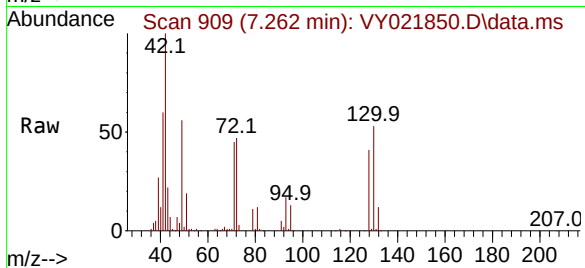
Tgt Ion: 42 Resp: 131836

Ion Ratio Lower Upper

42 100

72 46.1 34.6 52.0

71 43.0 32.5 48.7



#30

Chloroform

Concen: 50.965 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021850.D

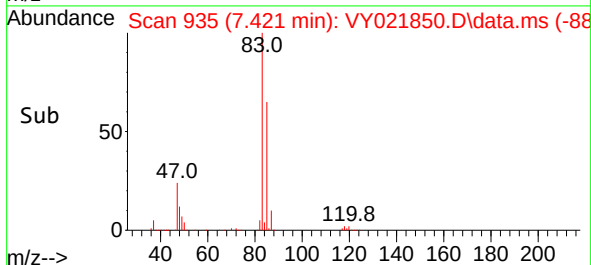
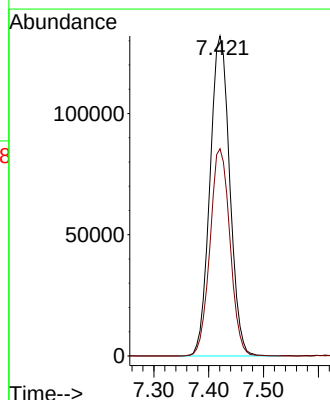
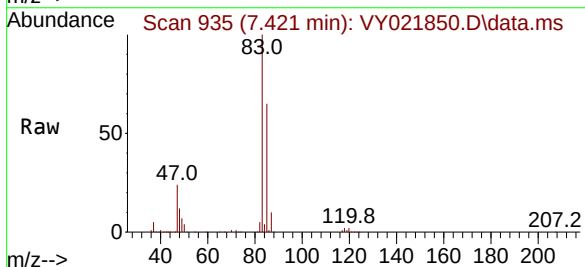
Acq: 11 Apr 2025 09:18

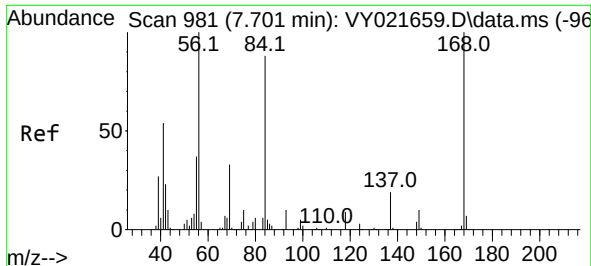
Tgt Ion: 83 Resp: 330395

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

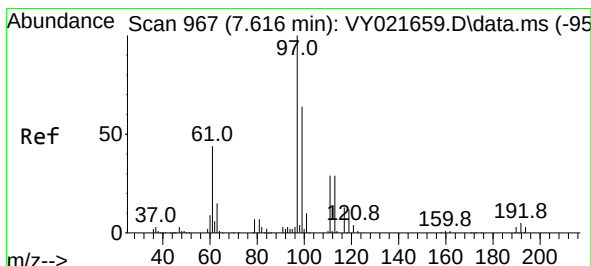
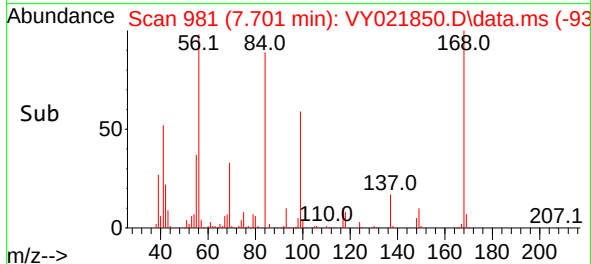
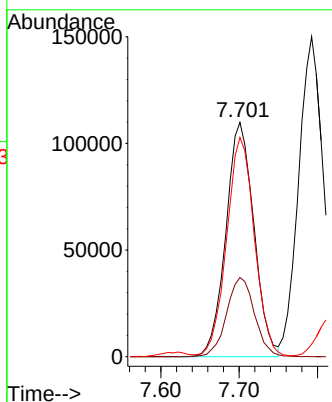
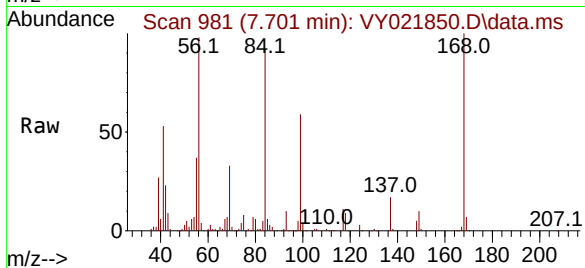




#31
Cyclohexane
Concen: 48.062 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

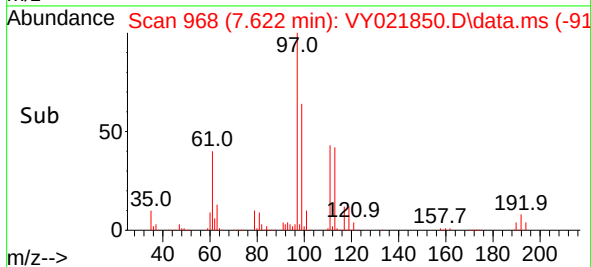
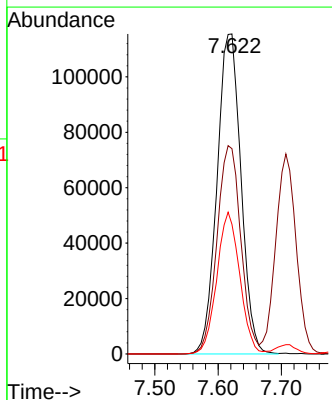
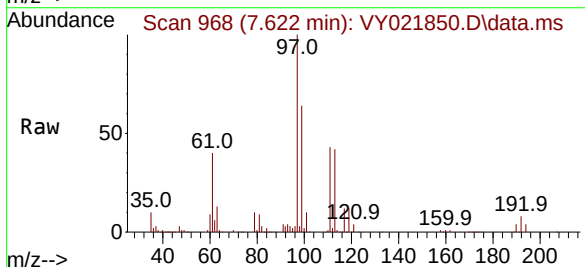
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

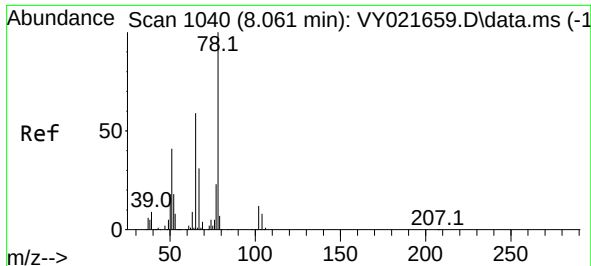
Tgt Ion: 56 Resp: 273074
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 91.6 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 51.783 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 97 Resp: 303409
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 42.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.156 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

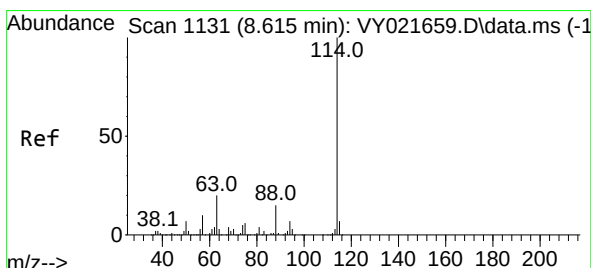
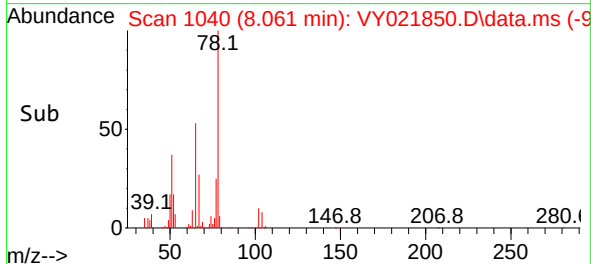
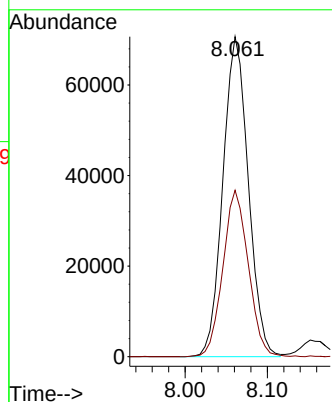
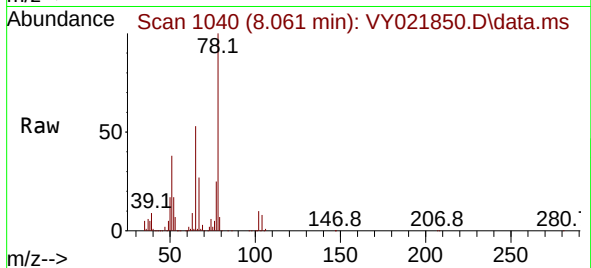
VSTDCCC050

Tgt Ion: 65 Resp: 151806

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

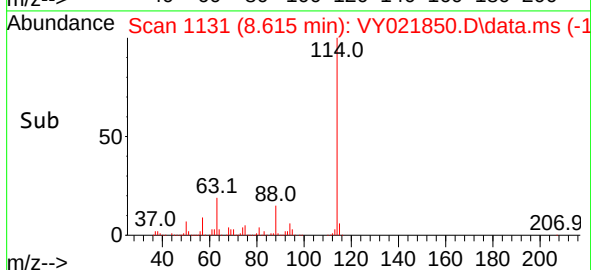
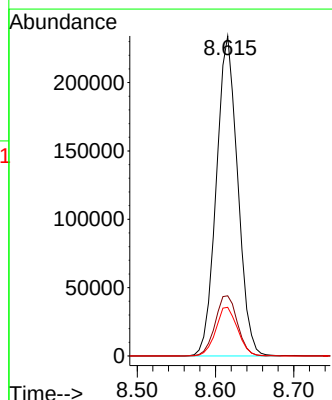
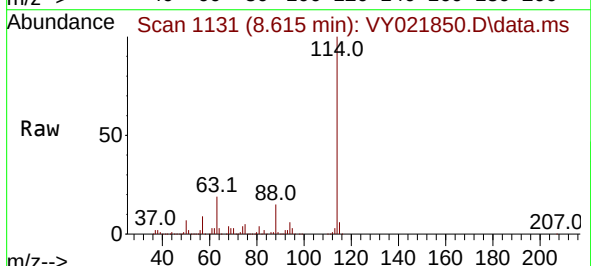
Tgt Ion: 114 Resp: 443480

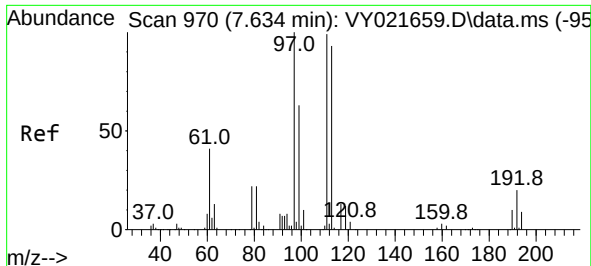
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 15.2 0.0 29.8

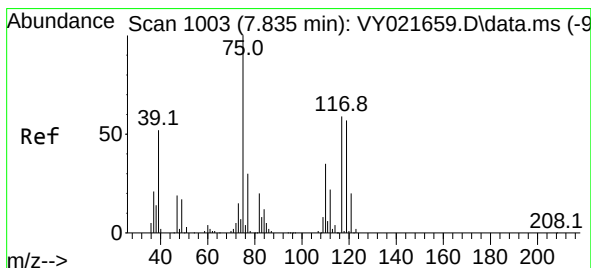
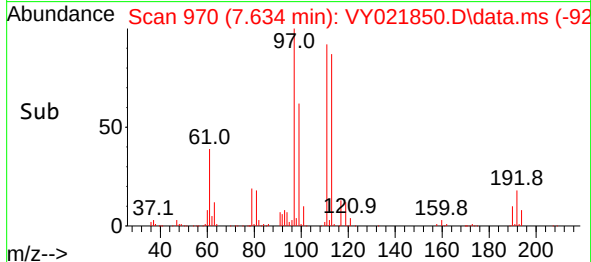
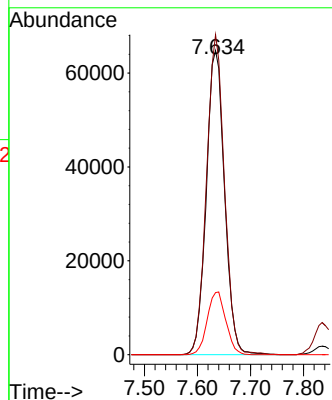
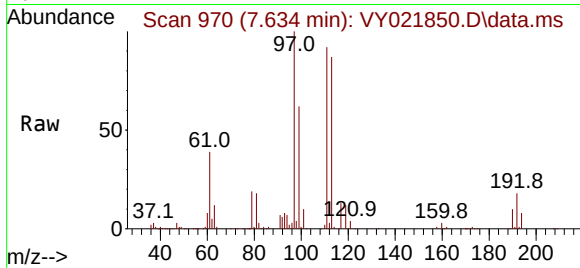




#35
Dibromofluoromethane
Concen: 53.781 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

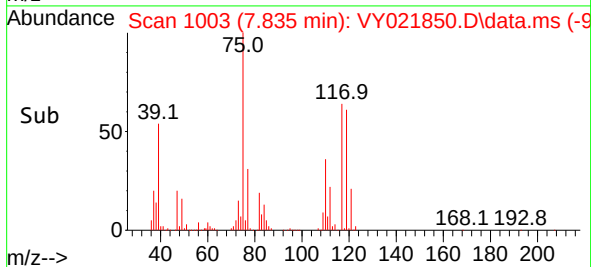
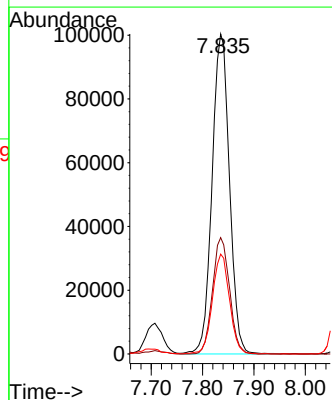
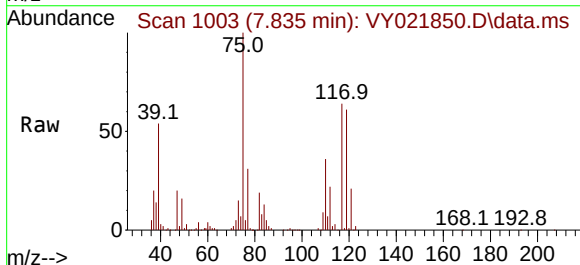
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

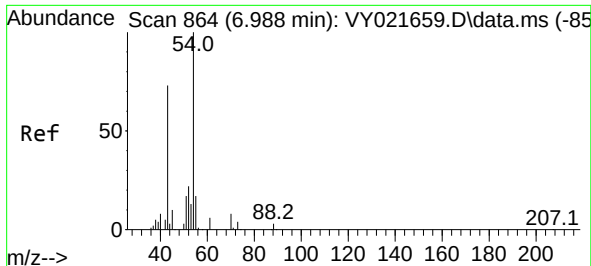
Tgt Ion:113 Resp: 154716
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 21.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 53.794 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 75 Resp: 235713
Ion Ratio Lower Upper
75 100
110 35.5 17.0 50.9
77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 45.920 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

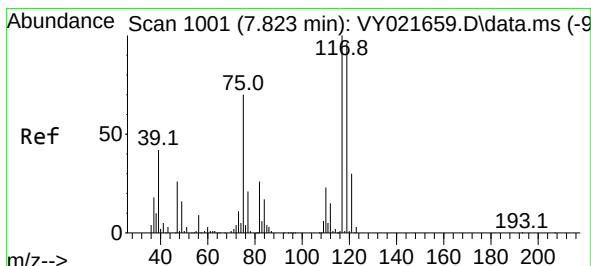
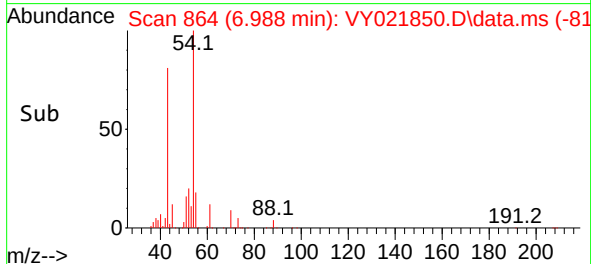
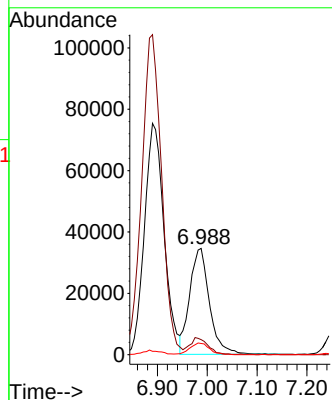
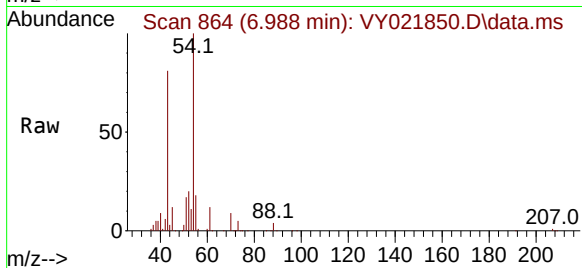
Tgt Ion: 43 Resp: 94960

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 10.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 56.078 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

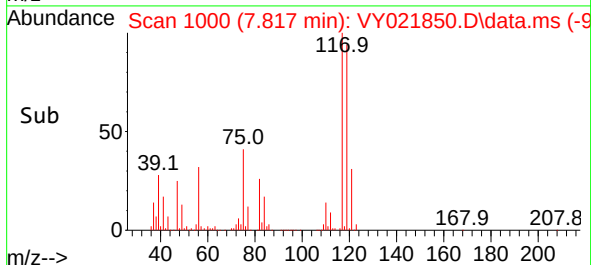
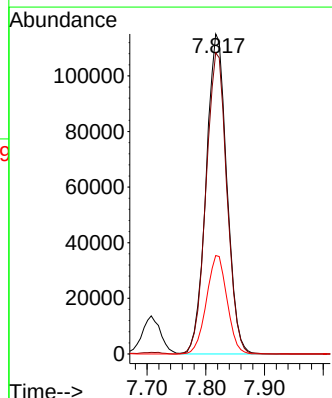
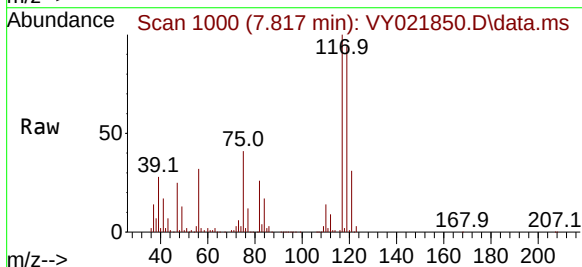
Tgt Ion: 117 Resp: 281437

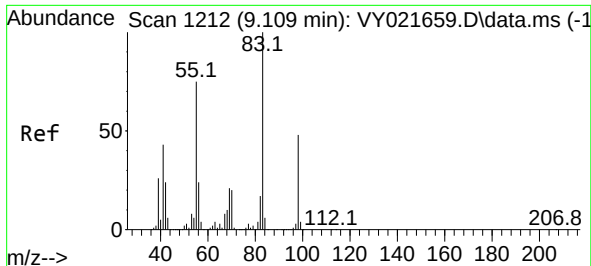
Ion Ratio Lower Upper

117 100

119 94.0 76.2 114.4

121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 55.995 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

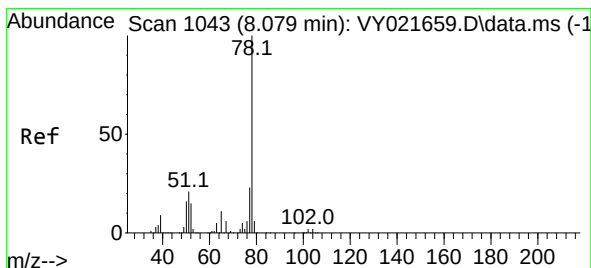
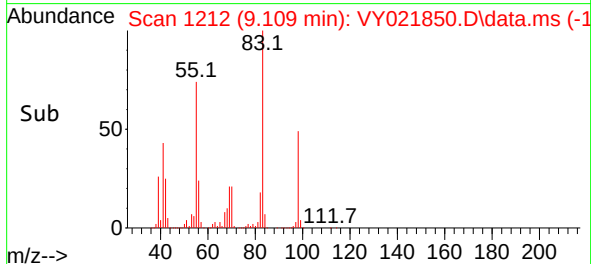
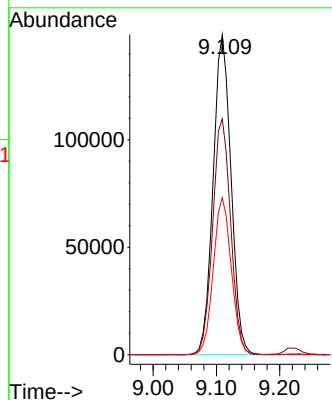
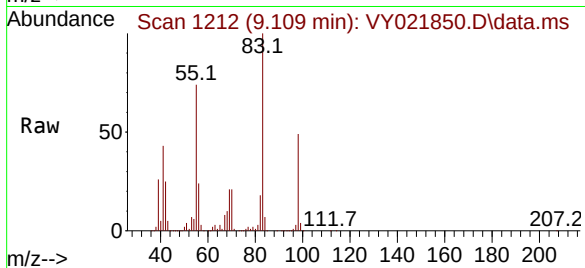
Tgt Ion: 83 Resp: 293104

Ion Ratio Lower Upper

83 100

55 73.7 59.7 89.5

98 49.0 38.3 57.5



#40

Benzene

Concen: 53.575 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021850.D

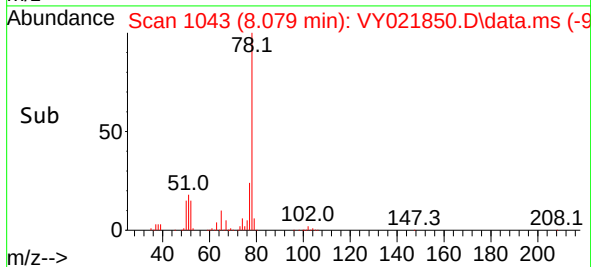
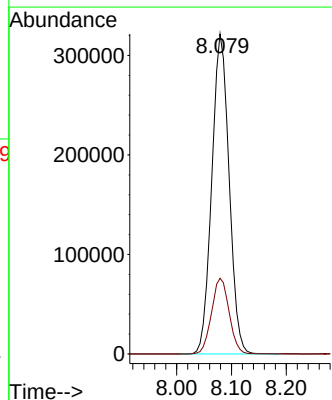
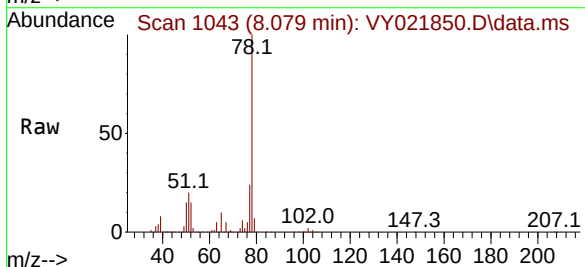
Acq: 11 Apr 2025 09:18

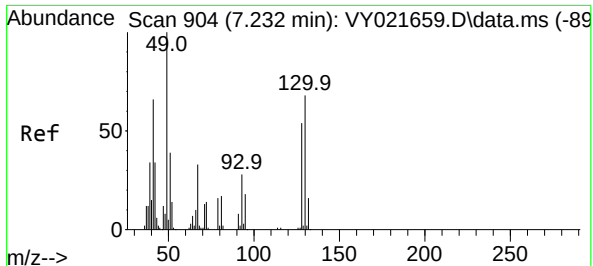
Tgt Ion: 78 Resp: 703035

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

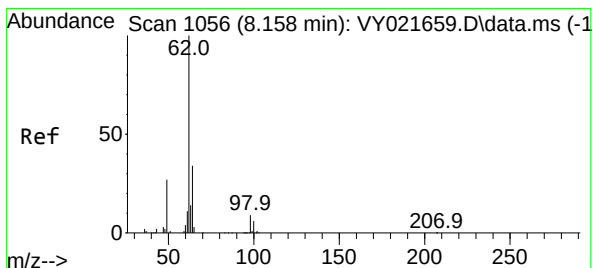
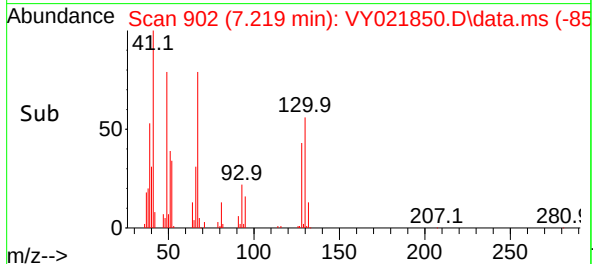
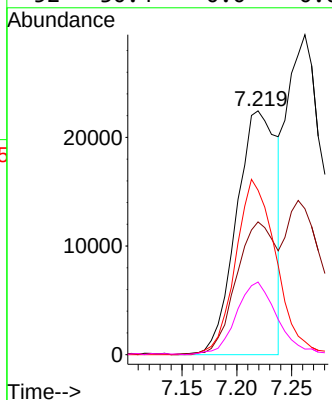
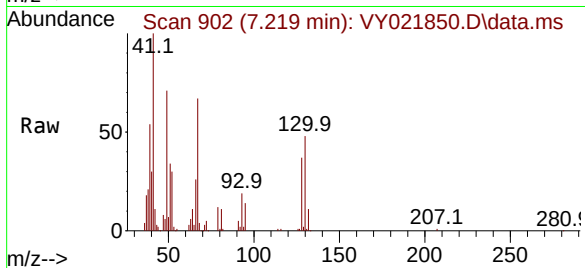




#41
Methacrylonitrile
Concen: 52.519 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

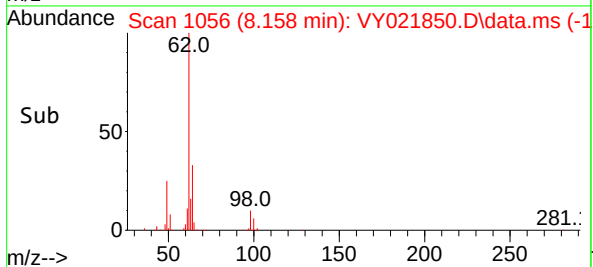
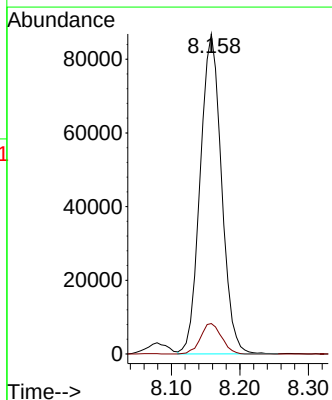
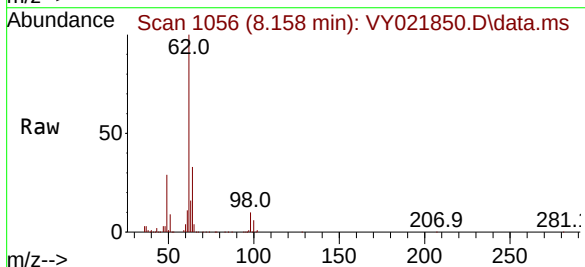
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

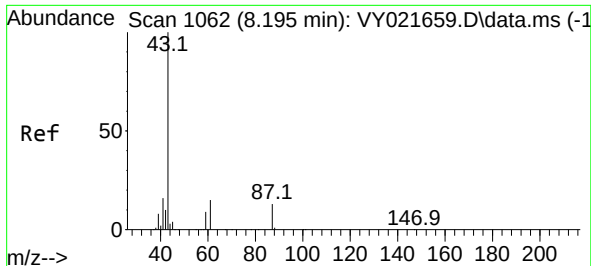
Tgt Ion: 41 Resp: 57678
Ion Ratio Lower Upper
41 100
39 53.5 0.0 0.0#
67 72.1 0.0 0.0#
52 30.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.800 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 62 Resp: 187930
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

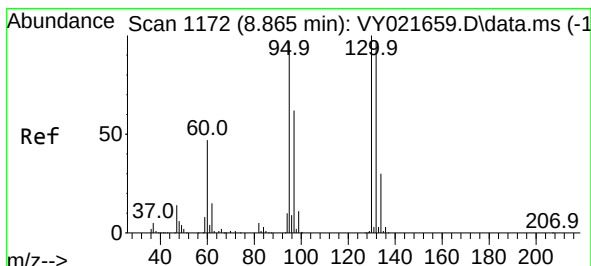
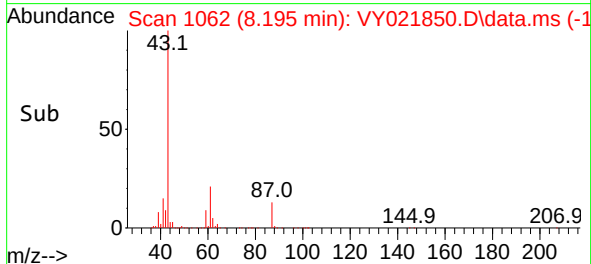
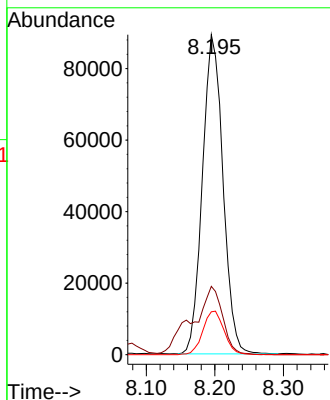
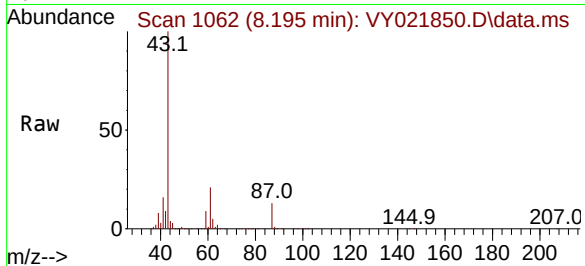




#43
Isopropyl Acetate
Concen: 47.628 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

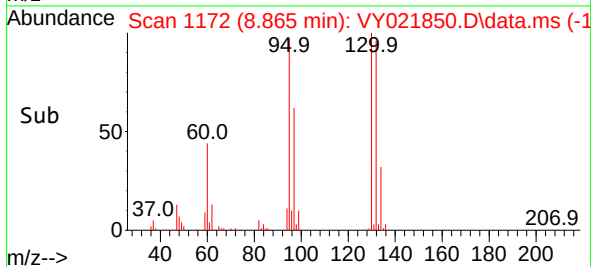
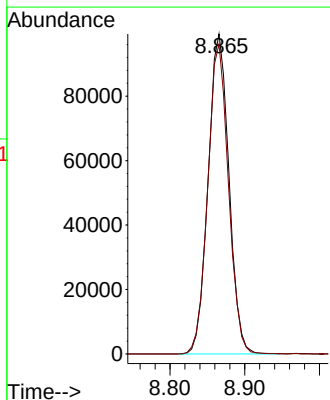
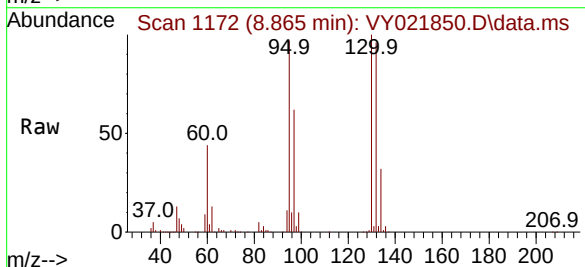
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

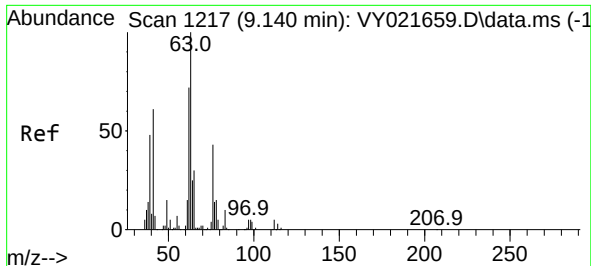
Tgt Ion: 43 Resp: 186649
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9
87 14.1 10.4 15.6



#44
Trichloroethene
Concen: 57.313 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:130 Resp: 191624
Ion Ratio Lower Upper
130 100
95 96.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.274 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

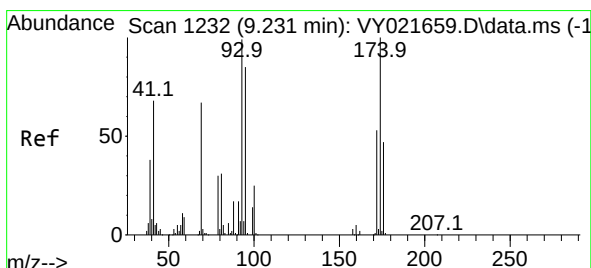
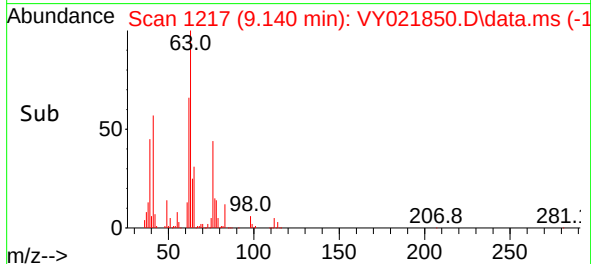
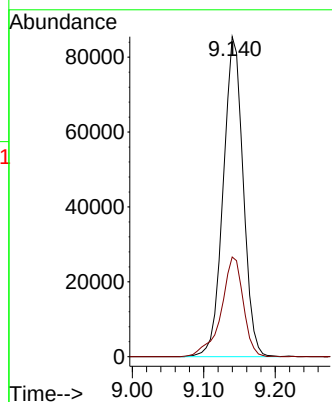
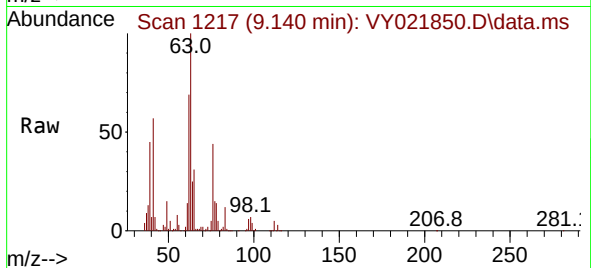
VSTDCCC050

Tgt Ion: 63 Resp: 165477

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 51.350 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

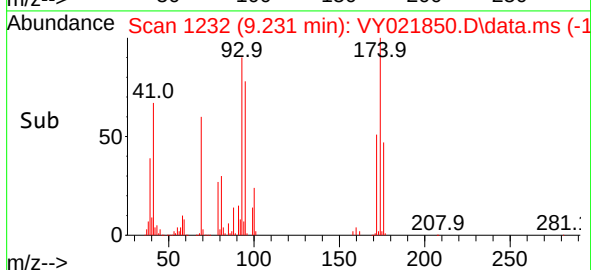
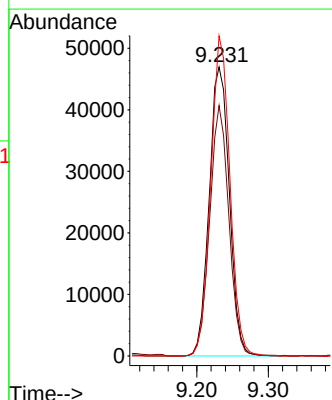
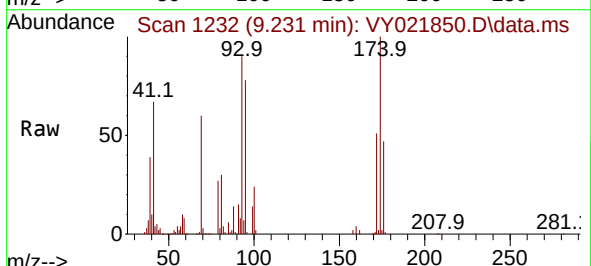
Tgt Ion: 93 Resp: 91924

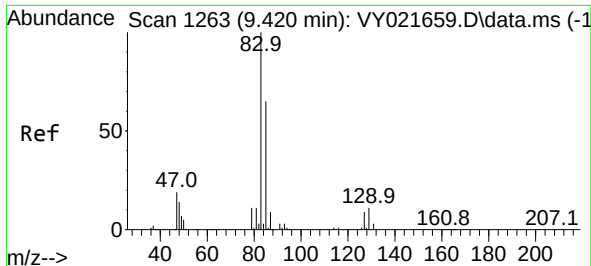
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 105.2 80.9 121.3

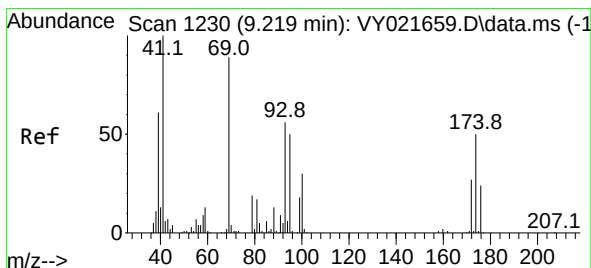
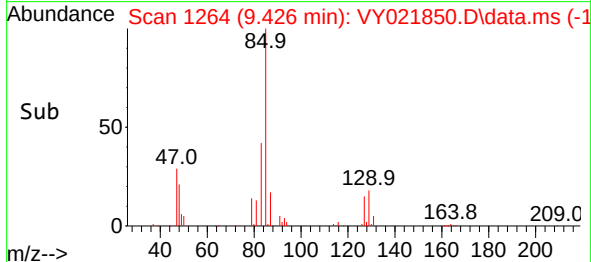
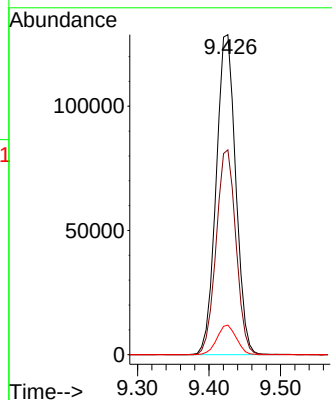
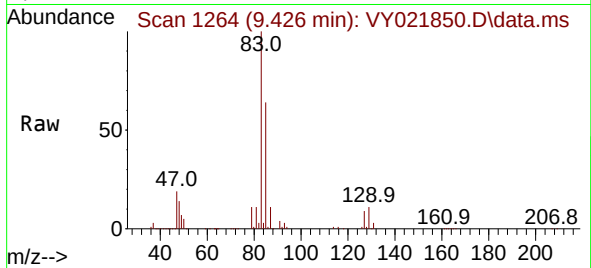




#47
Bromodichloromethane
Concen: 52.785 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

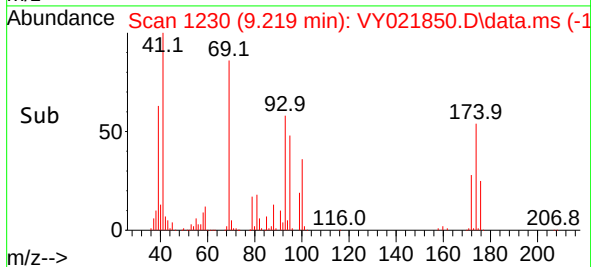
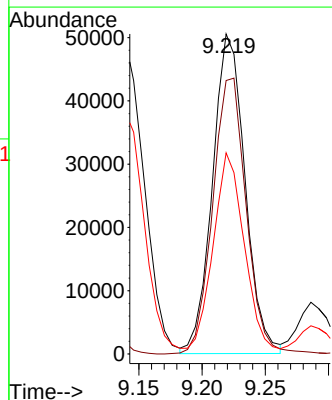
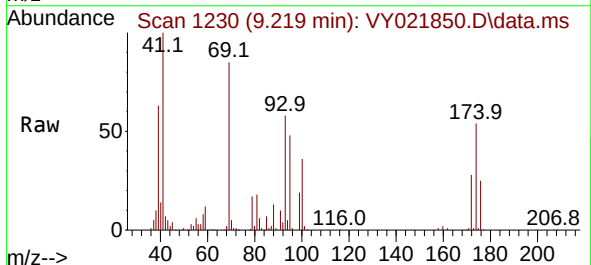
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

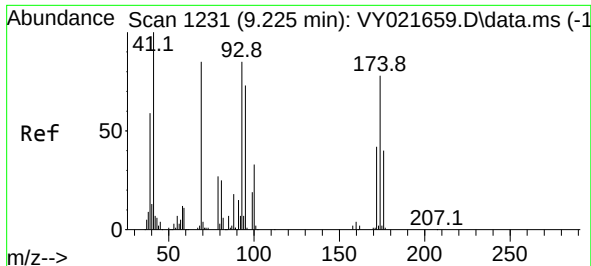
Tgt Ion: 83 Resp: 244848
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 50.338 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 41 Resp: 90539
Ion Ratio Lower Upper
41 100
69 88.8 69.8 104.8
39 57.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1031.494 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

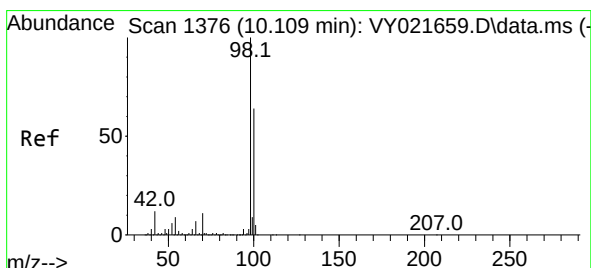
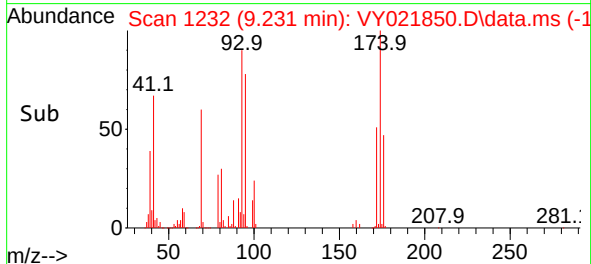
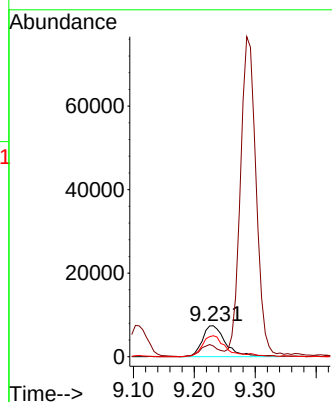
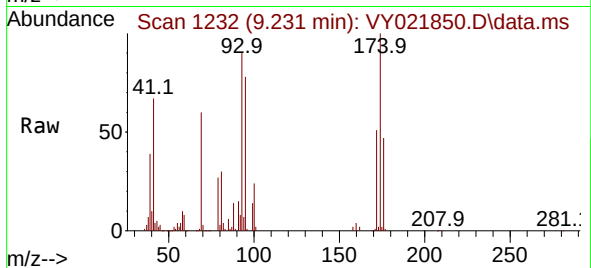
Tgt Ion: 88 Resp: 19781

Ion Ratio Lower Upper

88 100

43 31.6 28.8 43.2

58 65.0 59.4 89.2



#50

Toluene-d8

Concen: 54.265 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021850.D

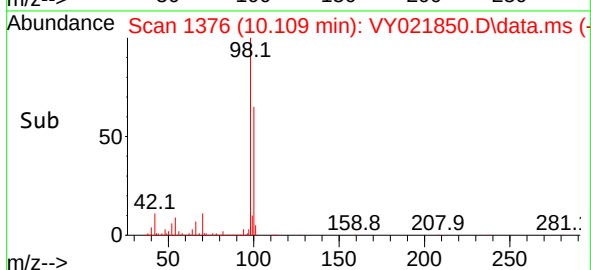
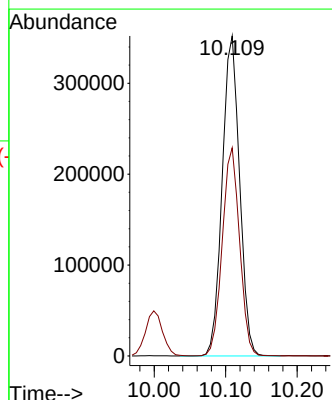
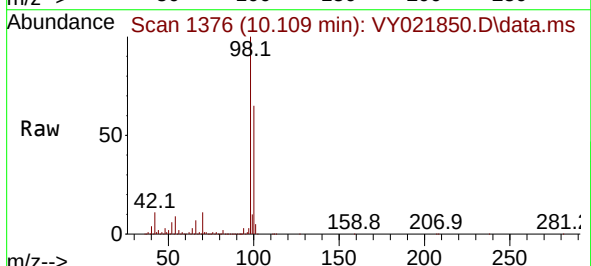
Acq: 11 Apr 2025 09:18

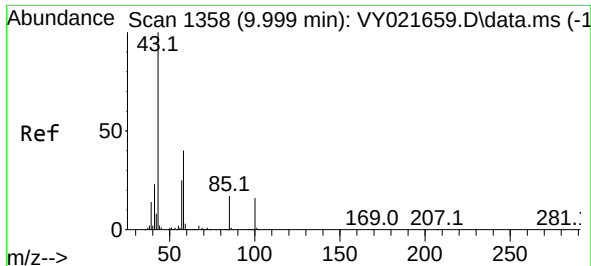
Tgt Ion: 98 Resp: 593879

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

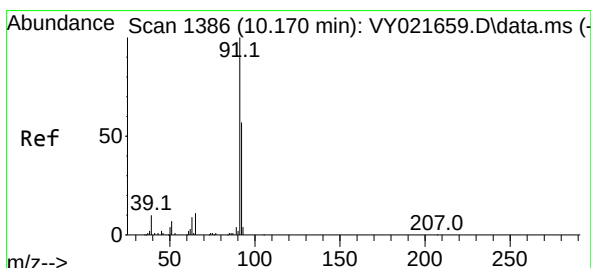
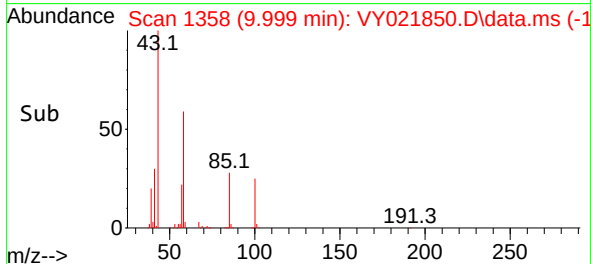
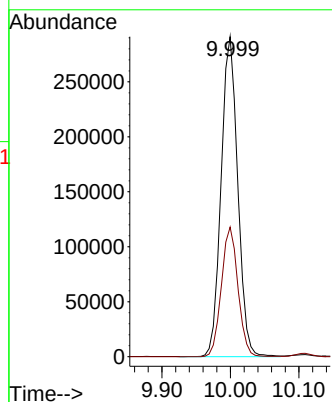
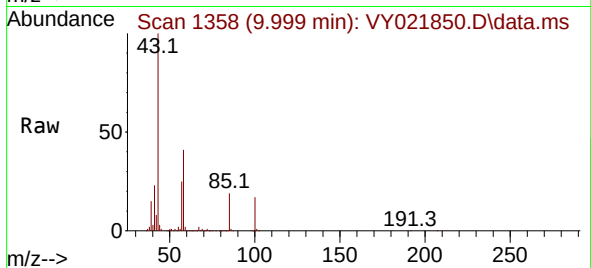




#51
4-Methyl-2-Pentanone
Concen: 239.815 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

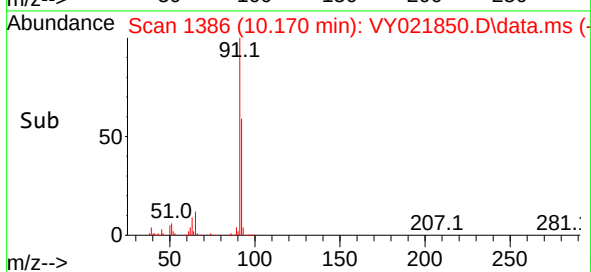
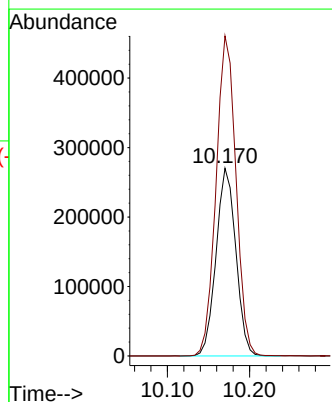
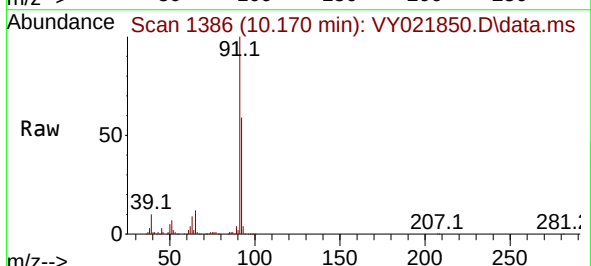
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

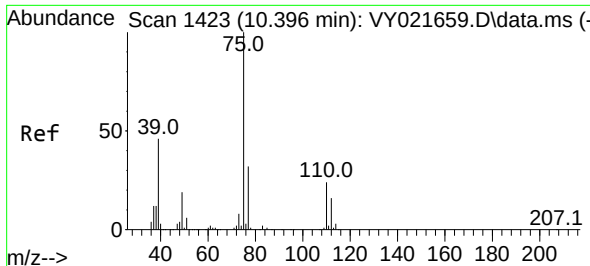
Tgt Ion: 43 Resp: 489078
Ion Ratio Lower Upper
43 100
58 40.3 31.5 47.3



#52
Toluene
Concen: 55.170 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 92 Resp: 451688
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

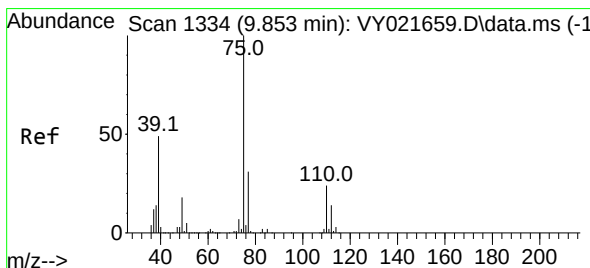
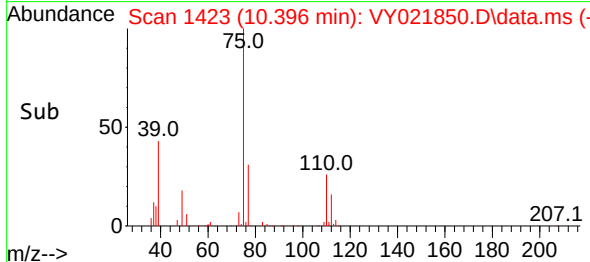
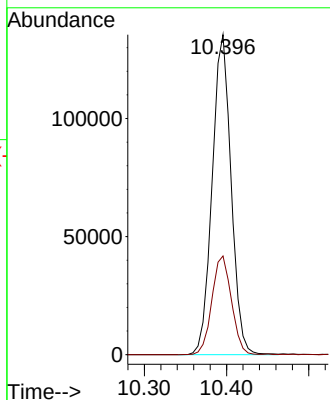
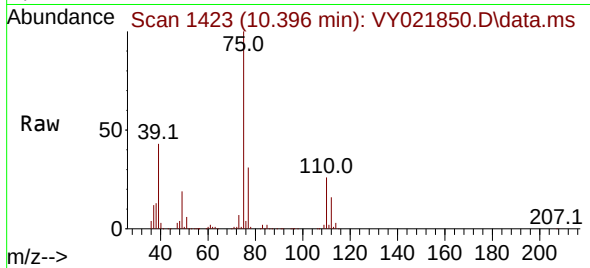




#53
 t-1,3-Dichloropropene
 Concen: 52.583 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

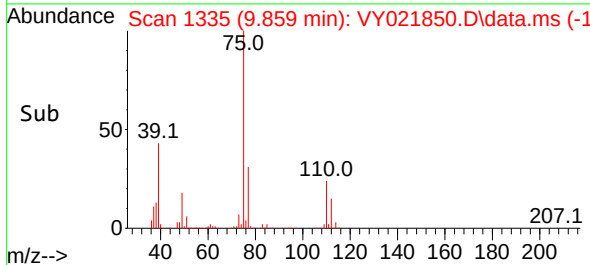
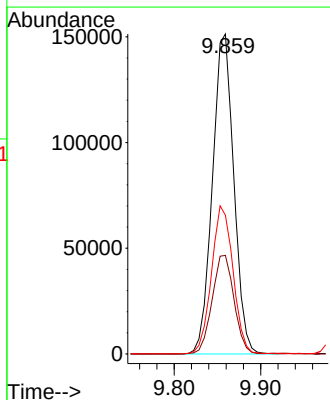
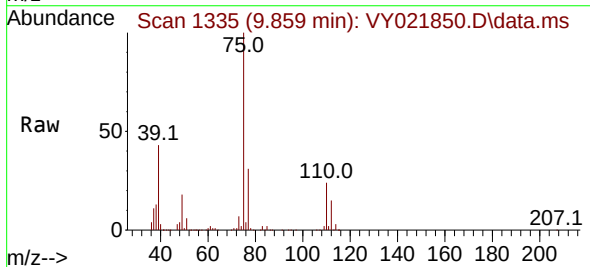
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

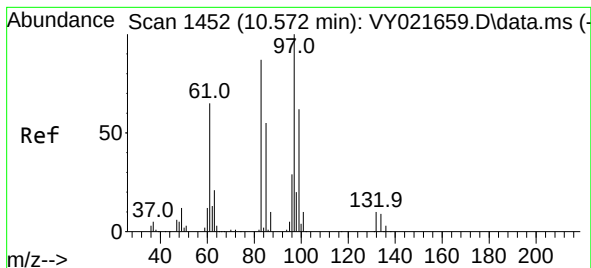
Tgt Ion: 75 Resp: 216647
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.414 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

Tgt Ion: 75 Resp: 259622
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 43.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 52.065 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 119942

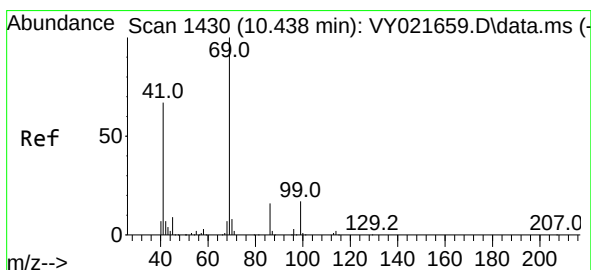
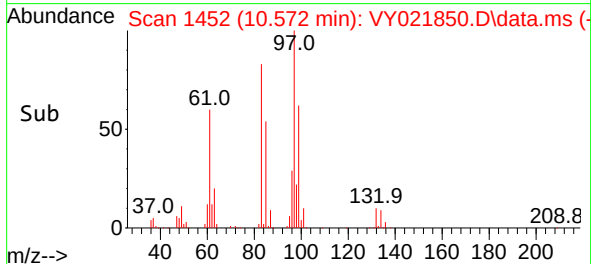
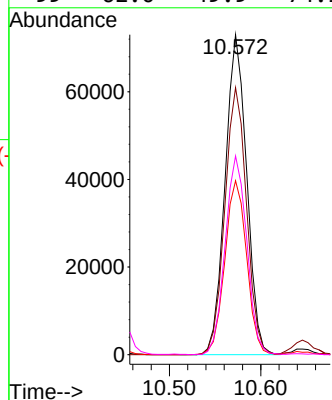
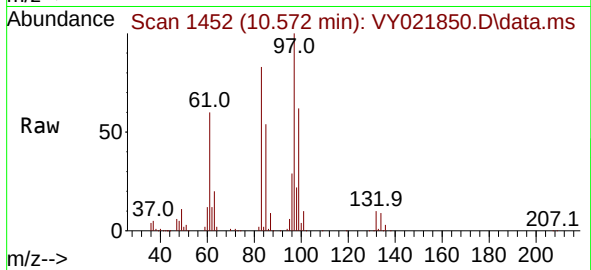
Ion Ratio Lower Upper

97 100

83 83.4 69.5 104.3

85 54.4 43.9 65.9

99 62.0 49.9 74.9



#56

Ethyl methacrylate

Concen: 55.069 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

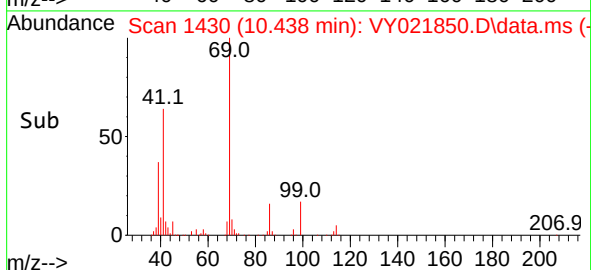
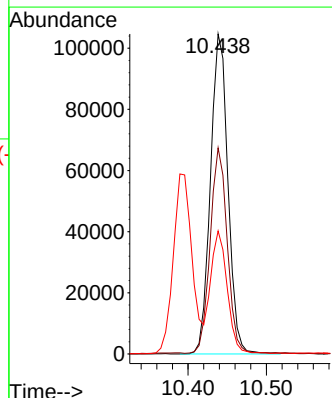
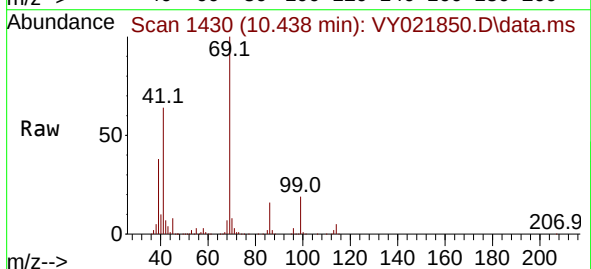
Tgt Ion: 69 Resp: 161990

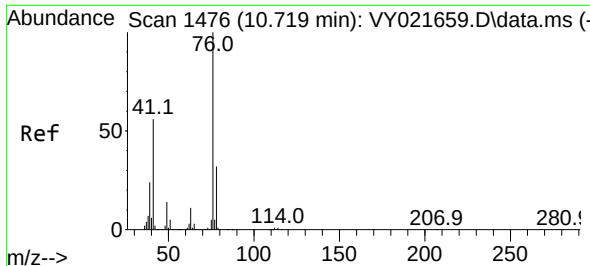
Ion Ratio Lower Upper

69 100

41 62.8 53.8 80.6

39 36.0 29.6 44.4





#57

1,3-Dichloropropane

Concen: 52.163 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

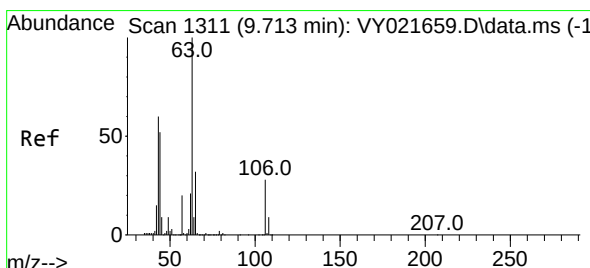
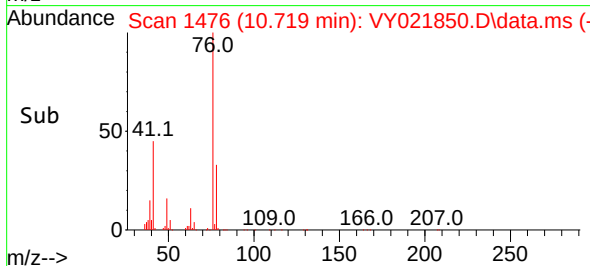
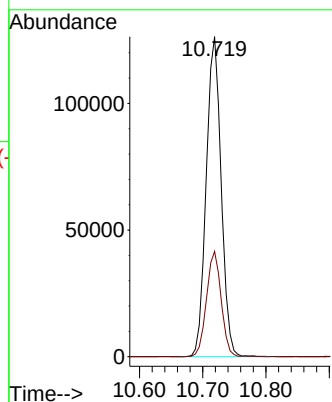
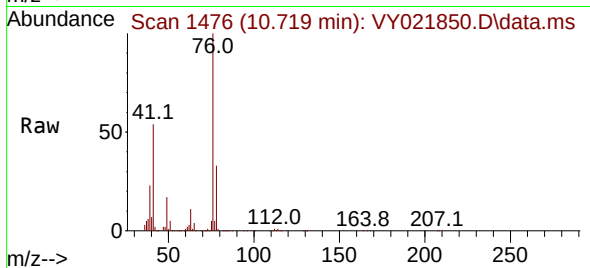
VSTDCCC050

Tgt Ion: 76 Resp: 207535

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.689 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021850.D

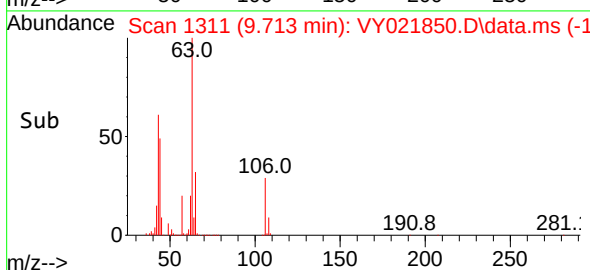
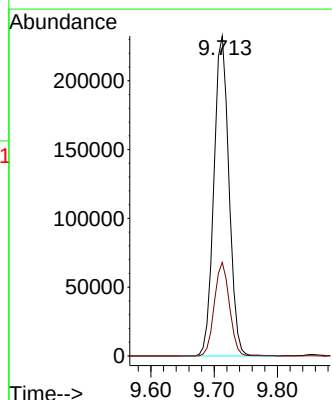
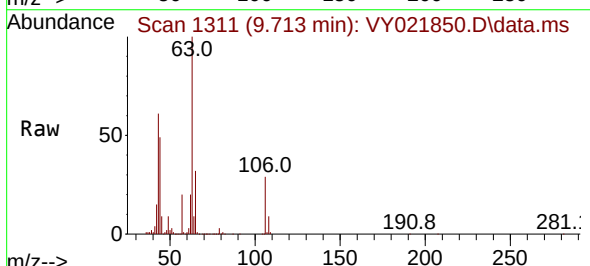
Acq: 11 Apr 2025 09:18

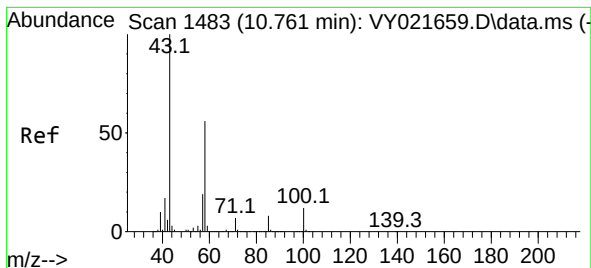
Tgt Ion: 63 Resp: 385567

Ion Ratio Lower Upper

63 100

106 29.2 22.4 33.6

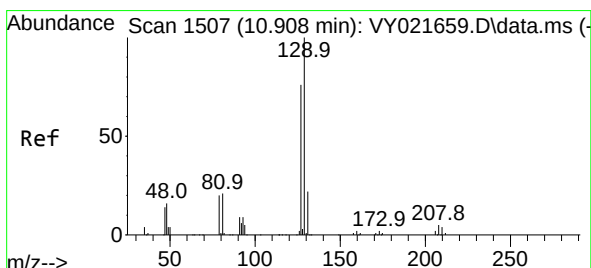
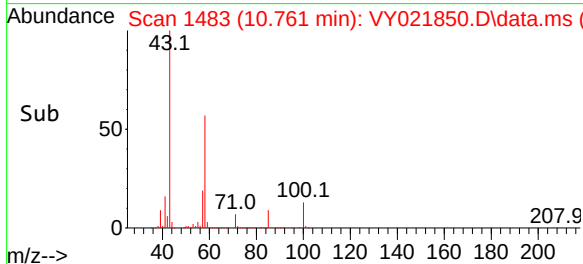
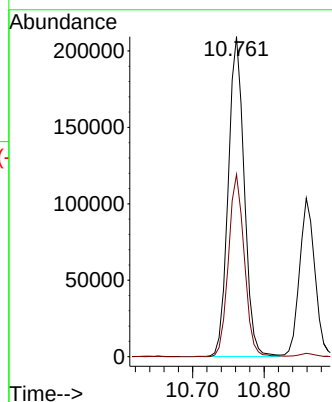
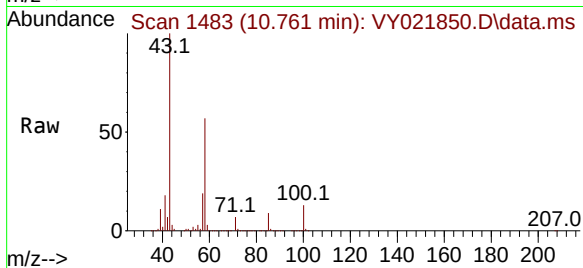




#59
2-Hexanone
Concen: 239.043 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

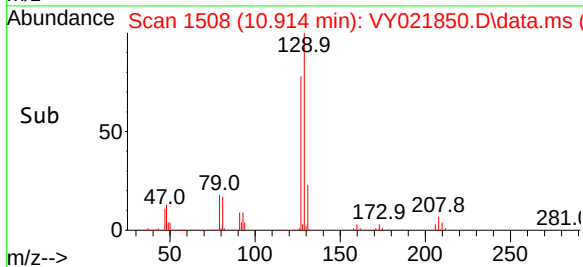
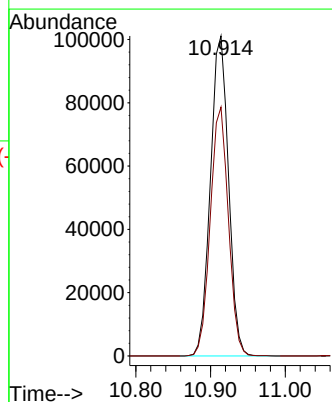
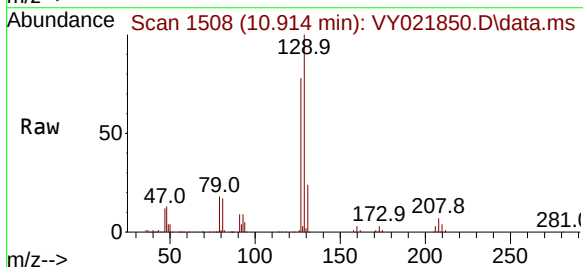
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

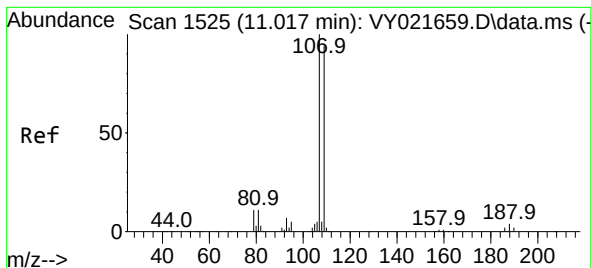
Tgt Ion: 43 Resp: 324670
Ion Ratio Lower Upper
43 100
58 56.4 27.2 81.5



#60
Dibromochloromethane
Concen: 54.139 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 129 Resp: 170283
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

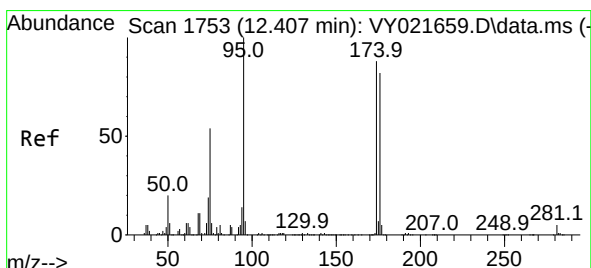
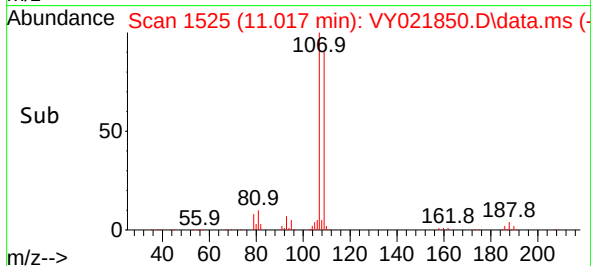
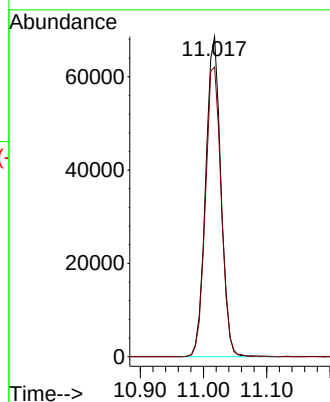
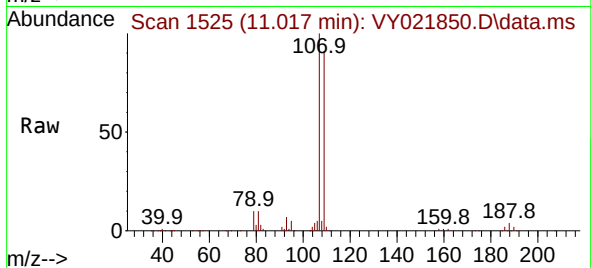




#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

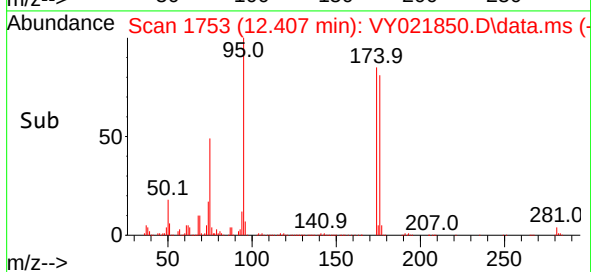
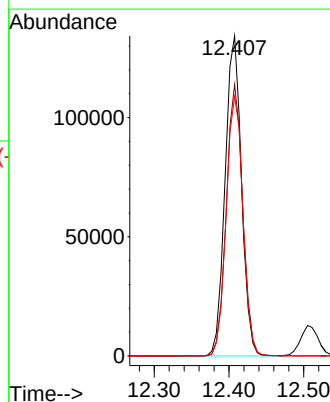
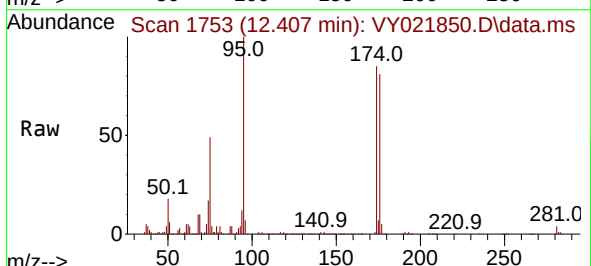
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

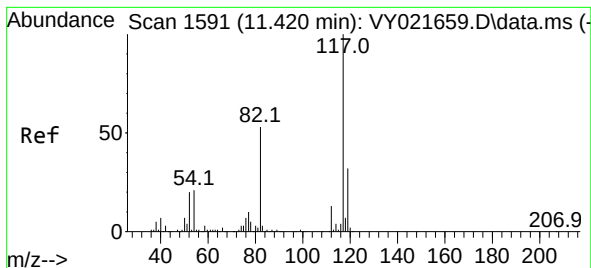
Tgt Ion:107 Resp: 115322
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.227 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 95 Resp: 204439
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.8
176 82.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

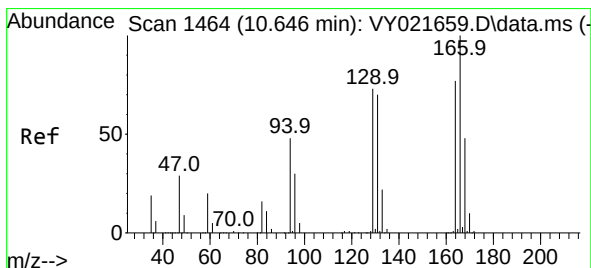
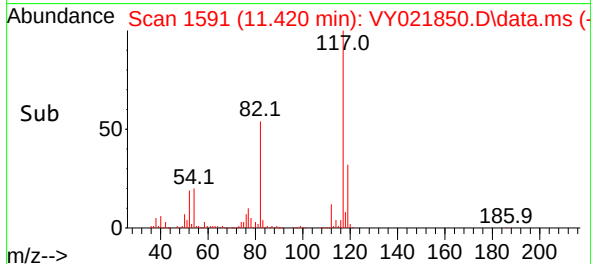
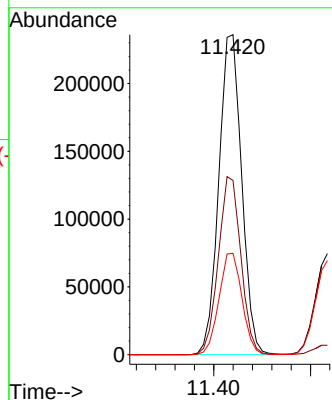
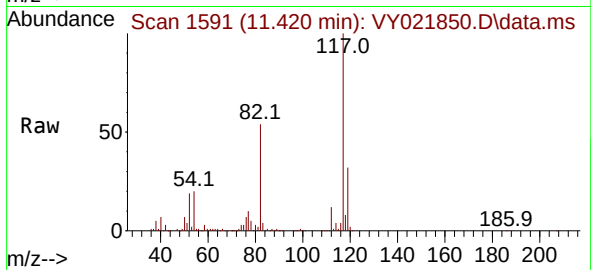
Tgt Ion:117 Resp: 386894

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 62.690 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Tgt Ion:164 Resp: 220901

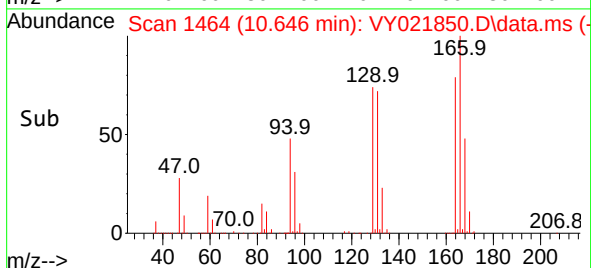
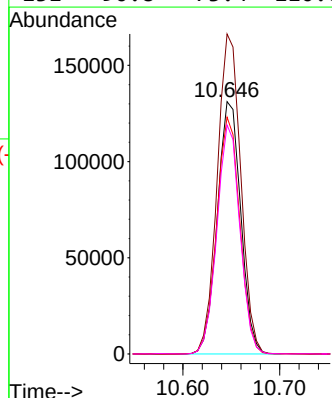
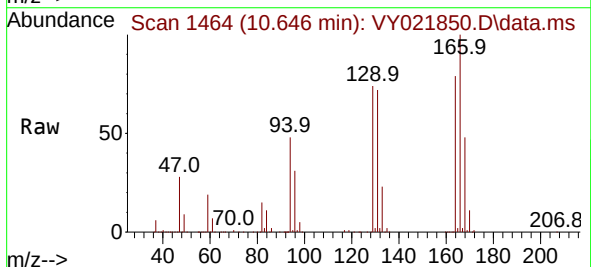
Ion Ratio Lower Upper

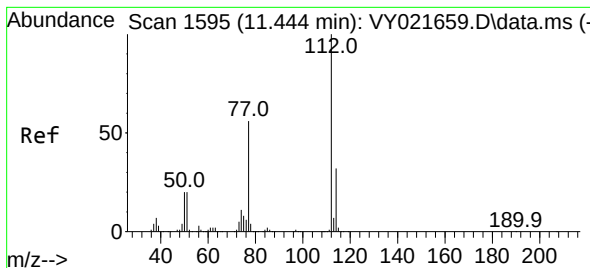
164 100

166 126.8 104.6 156.8

129 93.9 76.6 114.8

131 90.8 73.4 110.0





#65

Chlorobenzene

Concen: 55.307 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

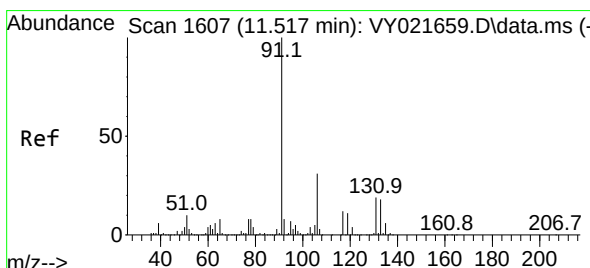
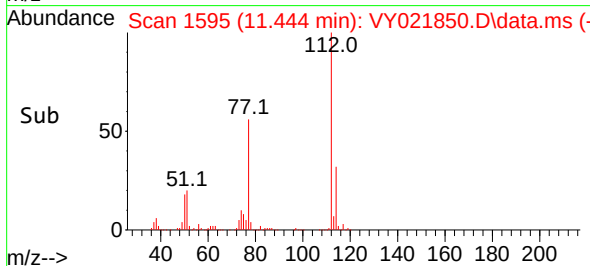
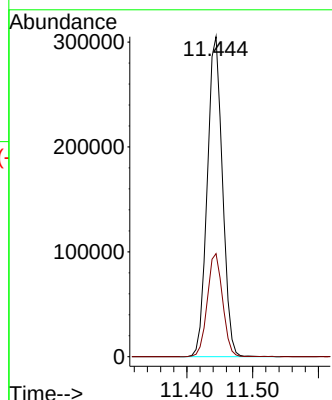
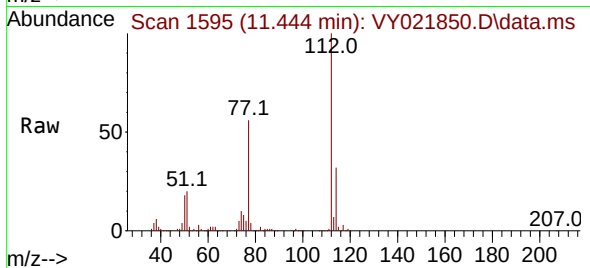
VSTDCCC050

Tgt Ion:112 Resp: 490509

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 55.366 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

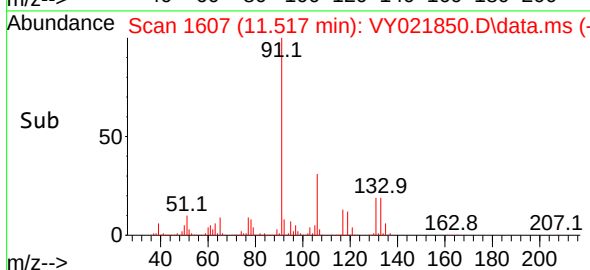
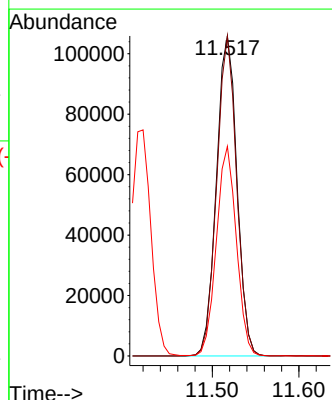
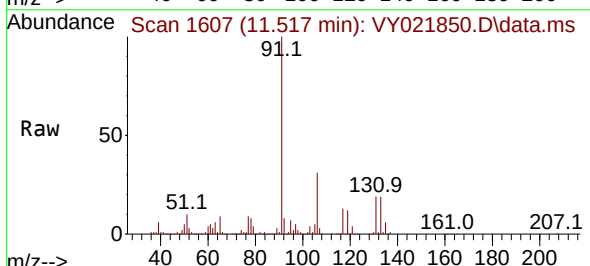
Tgt Ion:131 Resp: 174220

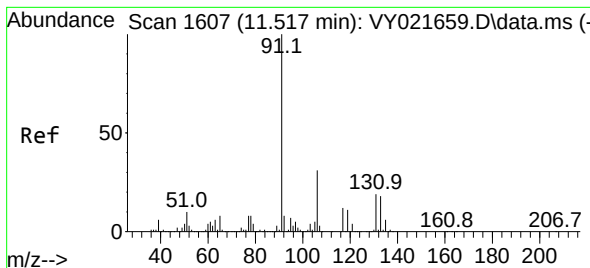
Ion Ratio Lower Upper

131 100

133 97.0 47.3 141.8

119 63.9 31.6 95.0





#67

Ethyl Benzene

Concen: 57.580 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

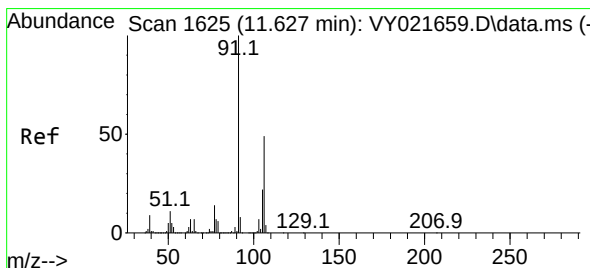
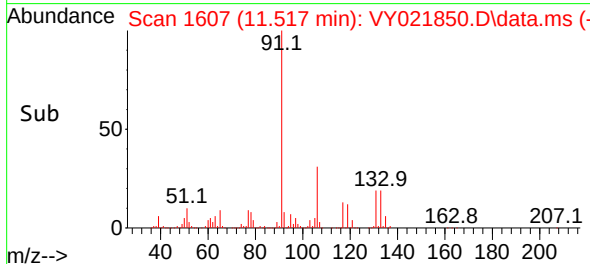
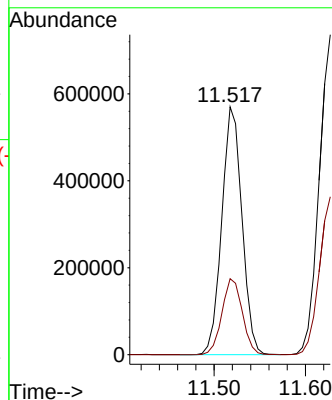
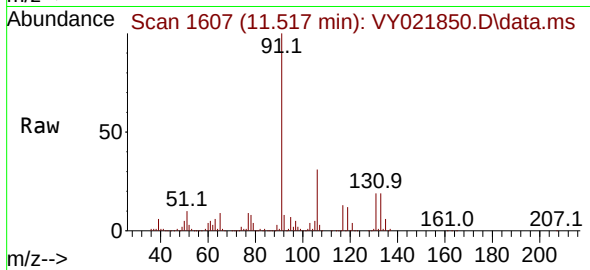
VSTDCCC050

Tgt Ion: 91 Resp: 875689

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 114.707 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021850.D

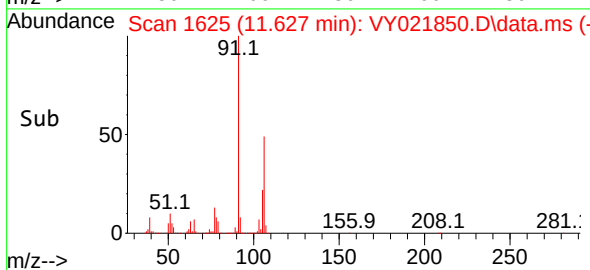
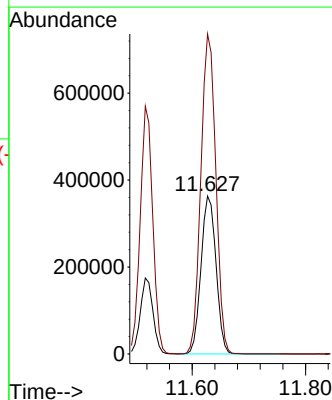
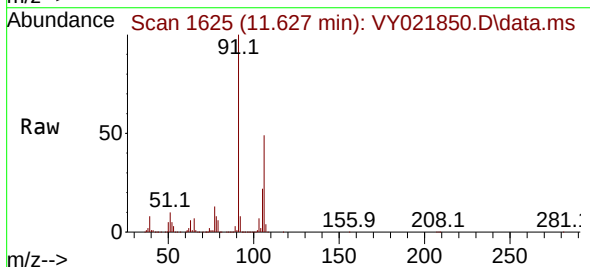
Acq: 11 Apr 2025 09:18

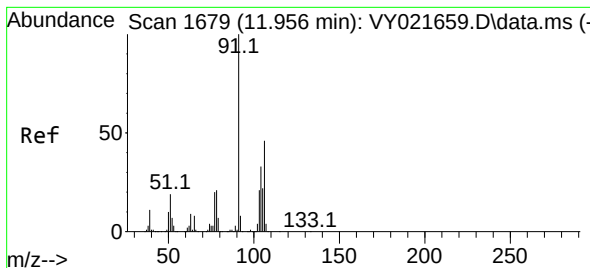
Tgt Ion:106 Resp: 668010

Ion Ratio Lower Upper

106 100

91 201.8 162.4 243.6





#69

o-Xylene

Concen: 58.511 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

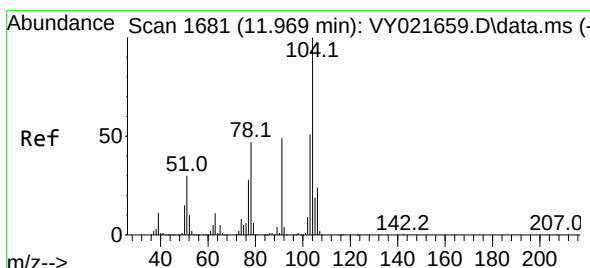
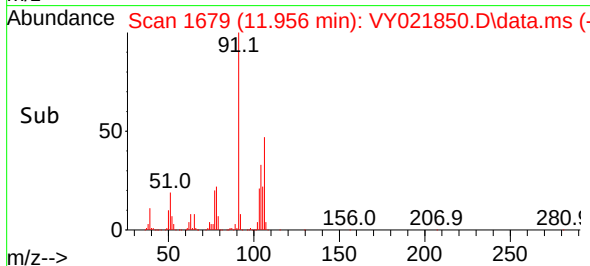
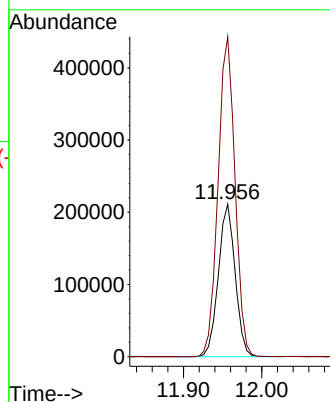
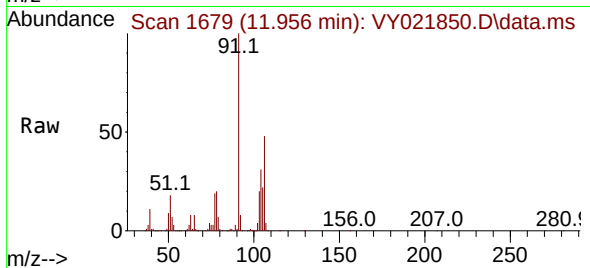
VSTDCCC050

Tgt Ion:106 Resp: 314535

Ion Ratio Lower Upper

106 100

91 212.3 106.7 319.9



#70

Styrene

Concen: 58.165 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

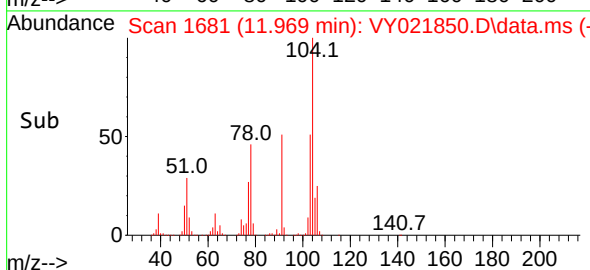
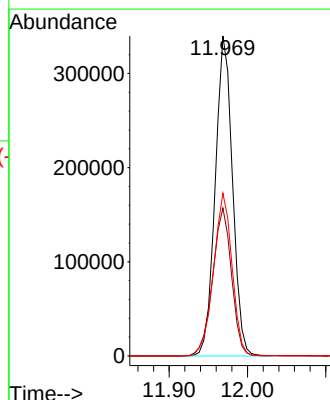
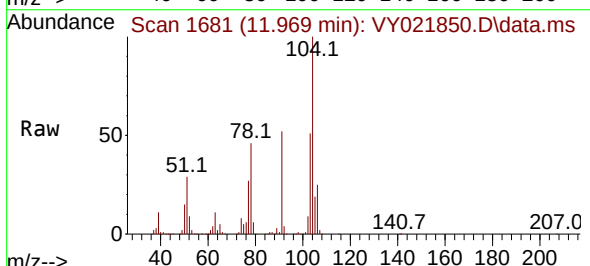
Tgt Ion:104 Resp: 521332

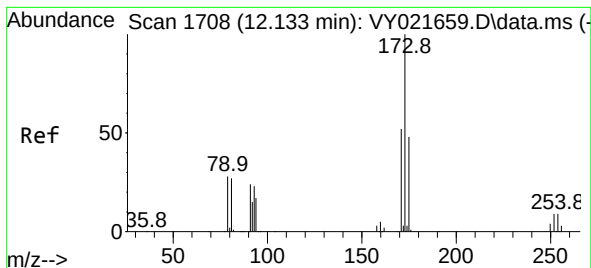
Ion Ratio Lower Upper

104 100

78 50.3 40.8 61.2

103 54.5 44.2 66.2





#71

Bromoform

Concen: 54.645 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

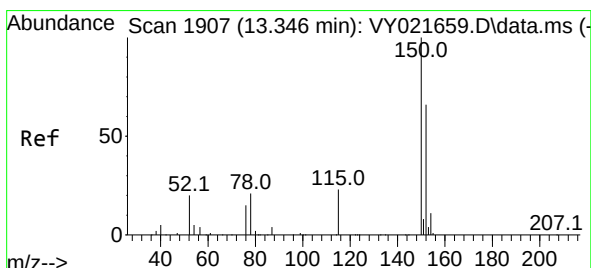
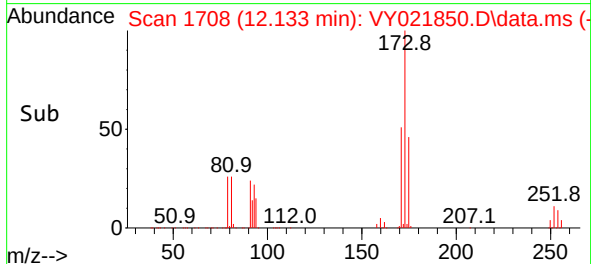
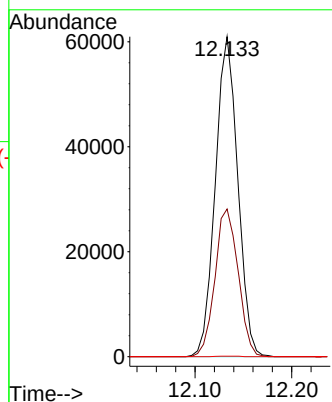
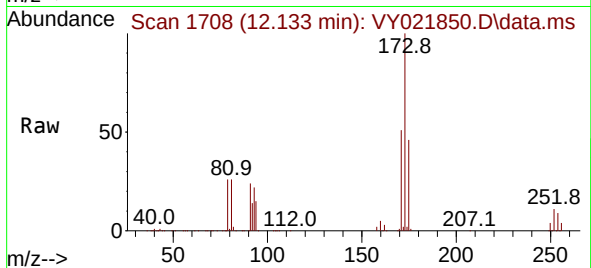
Tgt Ion:173 Resp: 98084

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

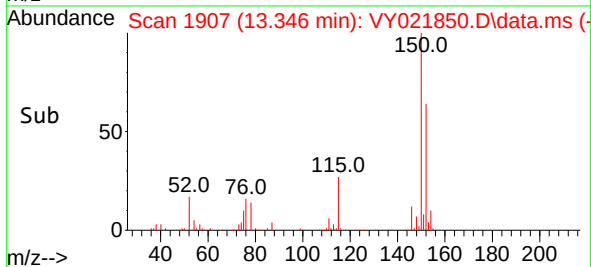
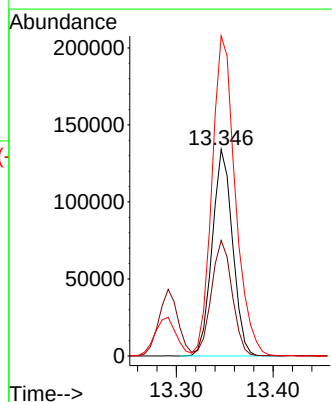
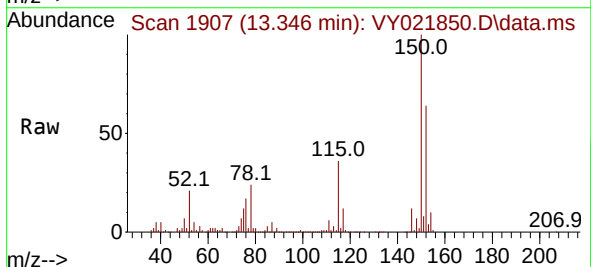
Tgt Ion:152 Resp: 196263

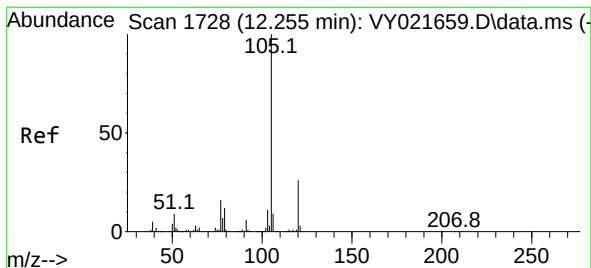
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 177.2 0.0 348.4





#73

Isopropylbenzene

Concen: 57.648 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

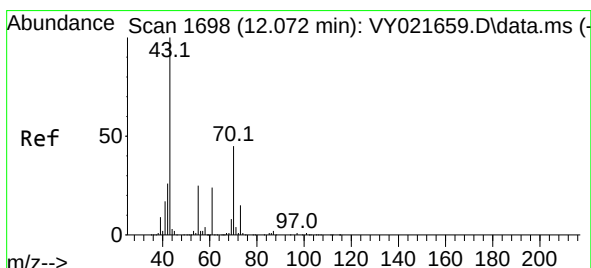
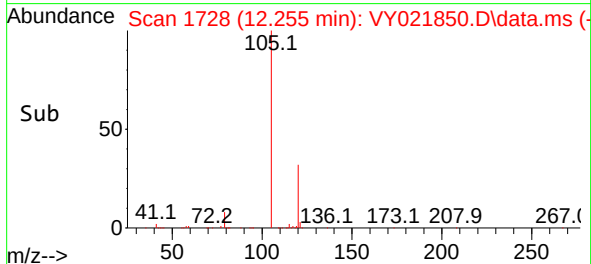
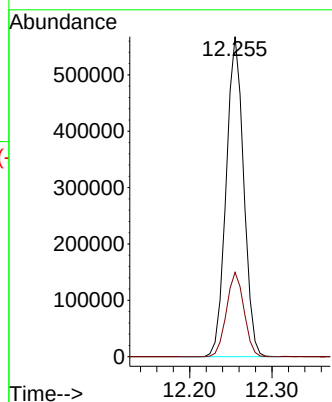
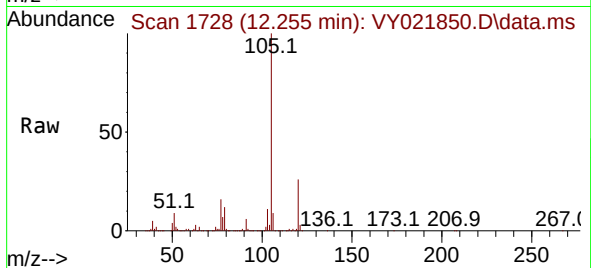
VSTDCCC050

Tgt Ion:105 Resp: 840346

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 49.969 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Tgt Ion: 43 Resp: 170949

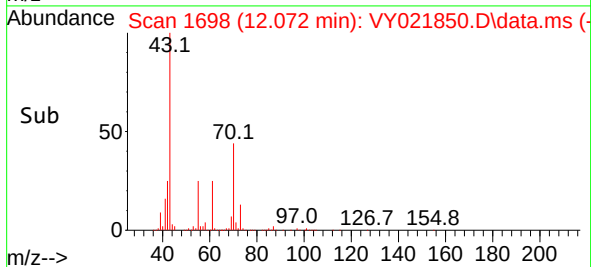
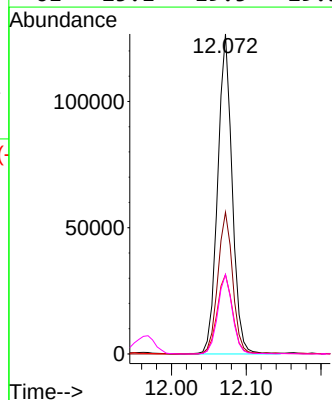
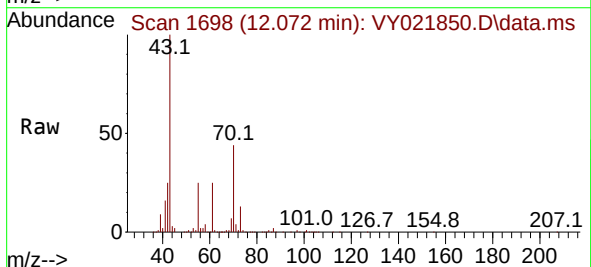
Ion Ratio Lower Upper

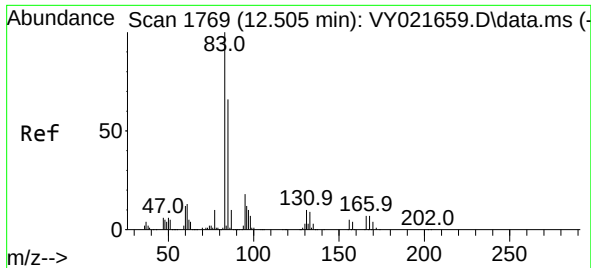
43 100

70 45.7 34.7 52.1

55 26.6 21.2 31.8

61 25.1 19.5 29.3

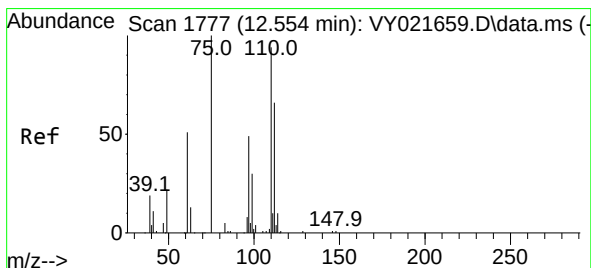
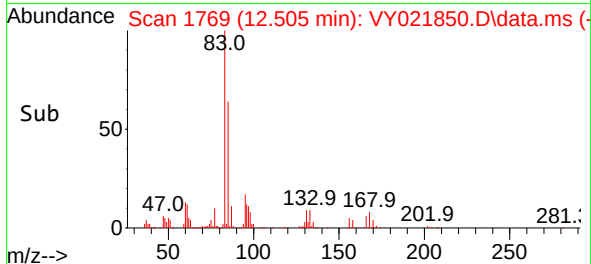
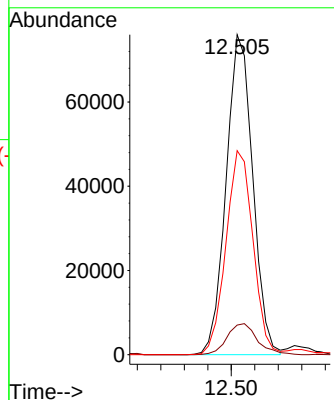
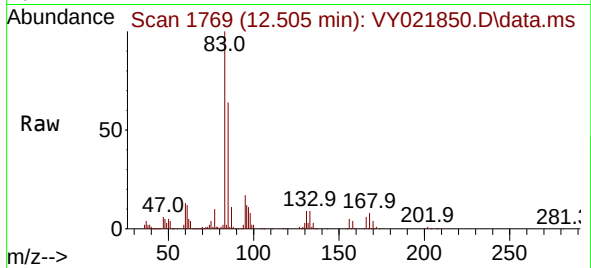




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.724 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

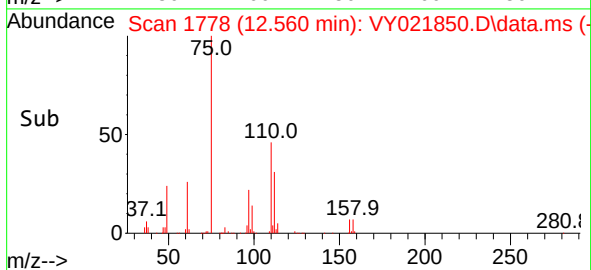
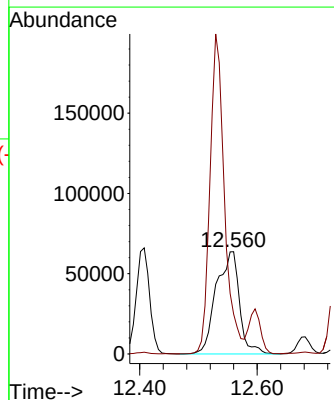
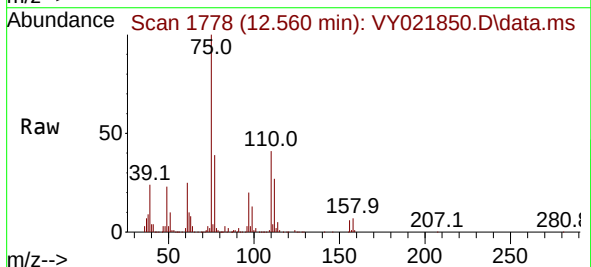
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

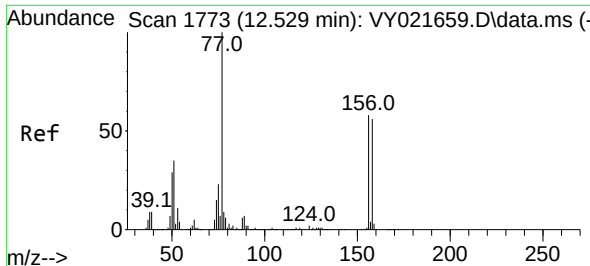
Tgt Ion: 83 Resp: 119836
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 89.974 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

Tgt Ion: 75 Resp: 175042
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

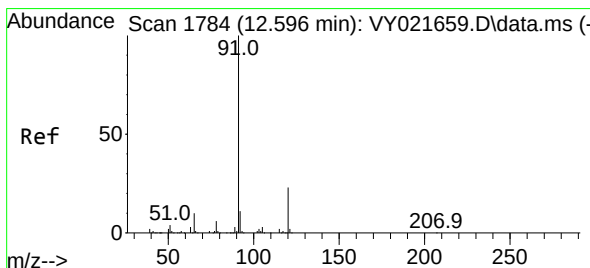
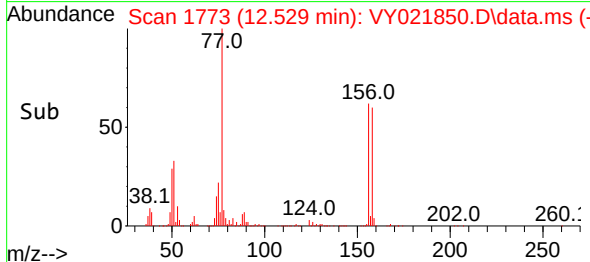
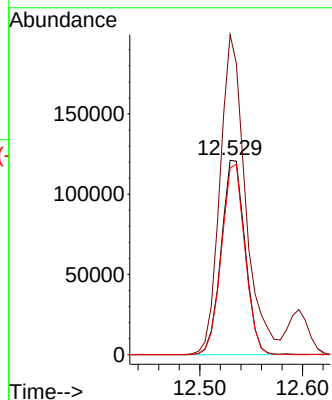
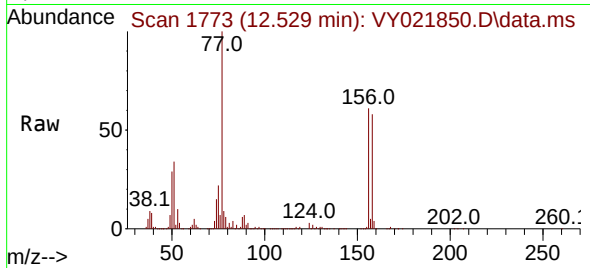




#77
Bromobenzene
Concen: 55.923 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

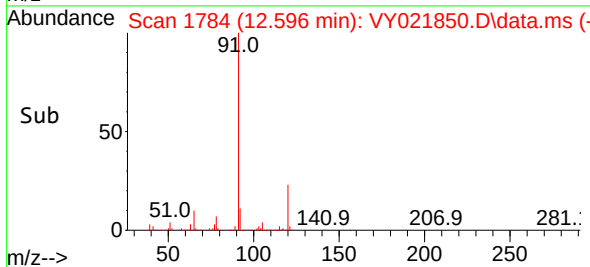
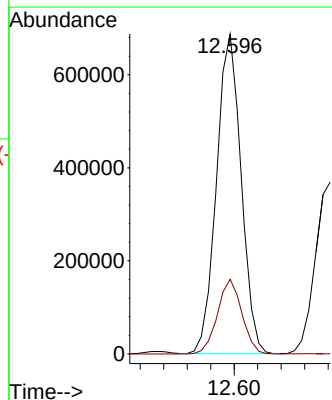
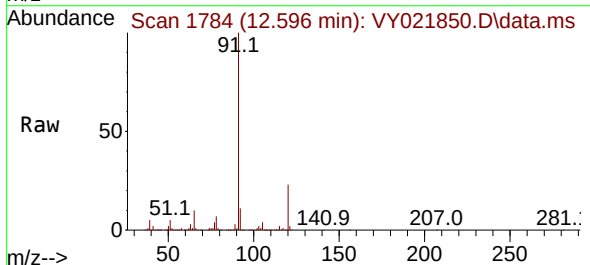
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

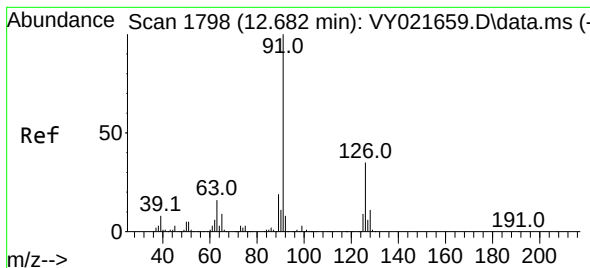
Tgt Ion:156 Resp: 195729
Ion Ratio Lower Upper
156 100
77 175.8 92.8 278.3
158 96.3 48.5 145.6



#78
n-propylbenzene
Concen: 56.973 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 91 Resp: 998462
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 55.564 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

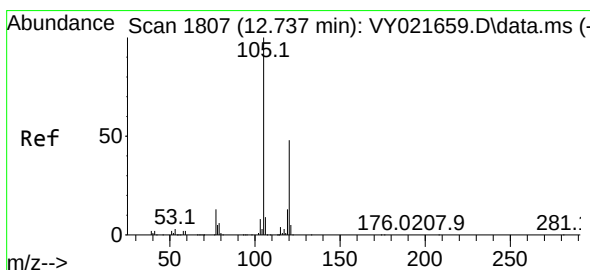
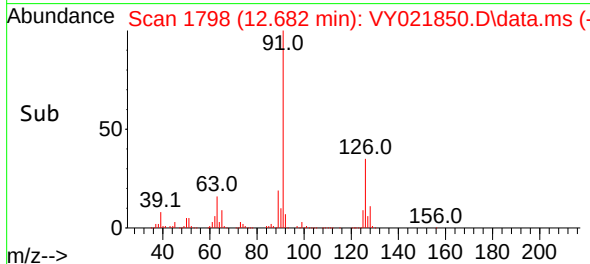
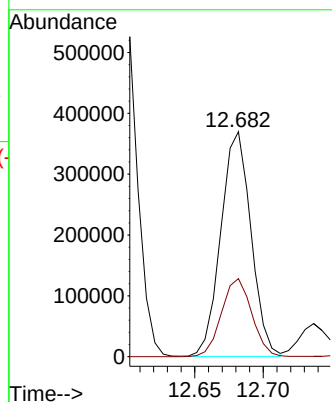
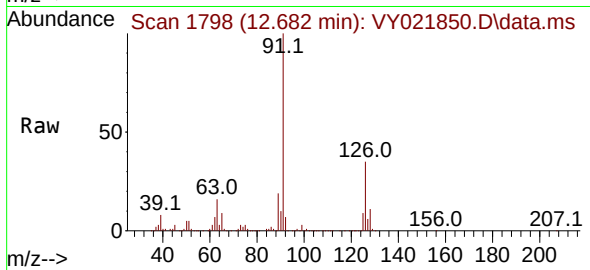
VSTDCCC050

Tgt Ion: 91 Resp: 565586

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 57.261 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021850.D

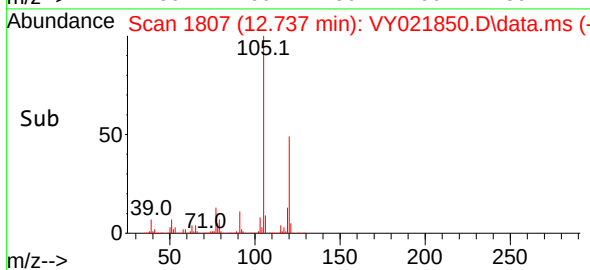
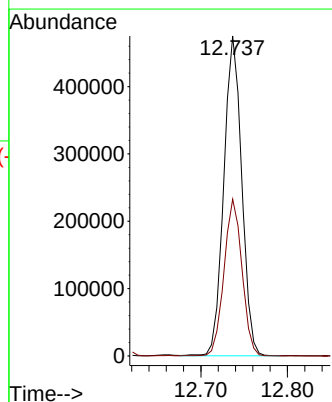
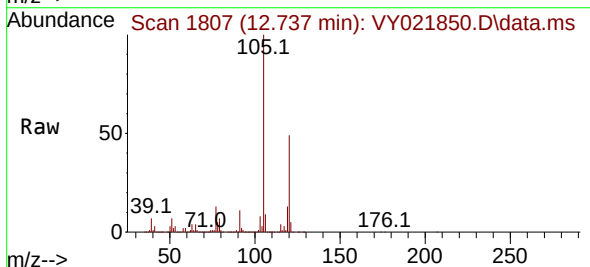
Acq: 11 Apr 2025 09:18

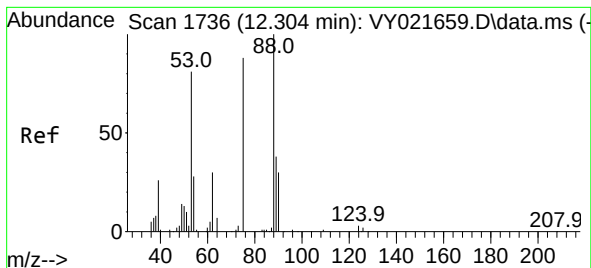
Tgt Ion: 105 Resp: 682195

Ion Ratio Lower Upper

105 100

120 49.3 24.5 73.5

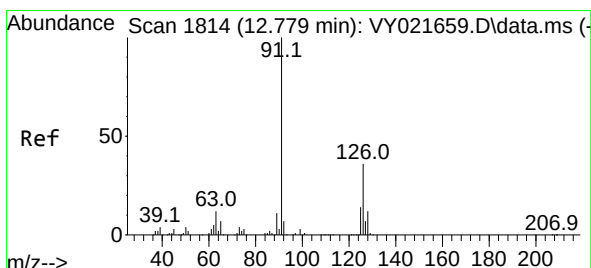
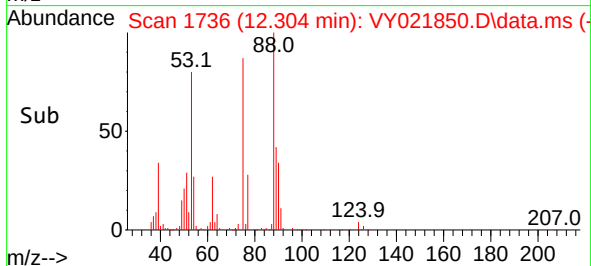
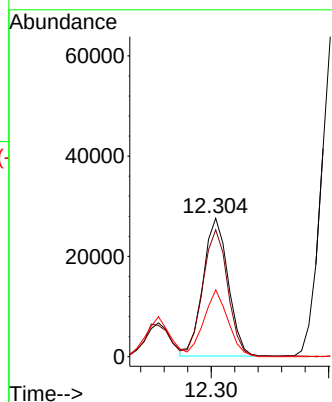
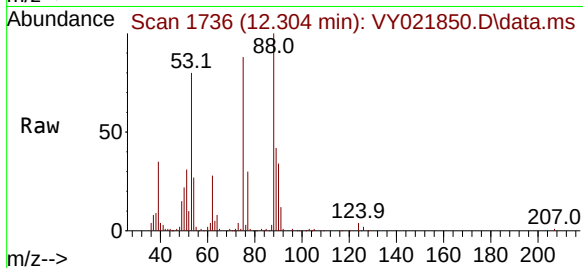




#81
trans-1,4-Dichloro-2-butene
Concen: 48.127 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

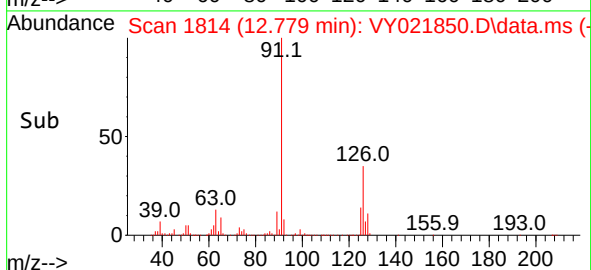
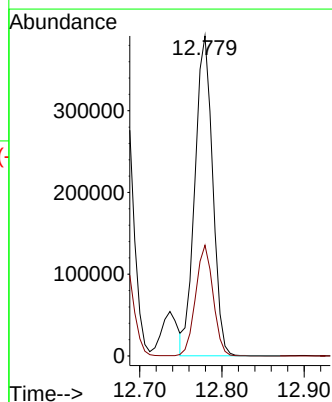
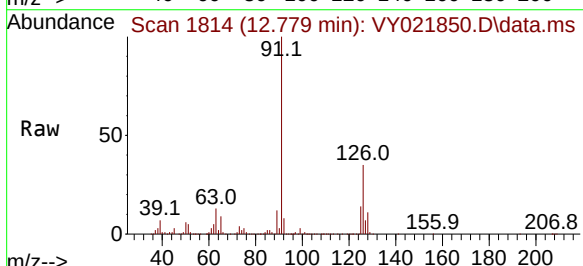
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

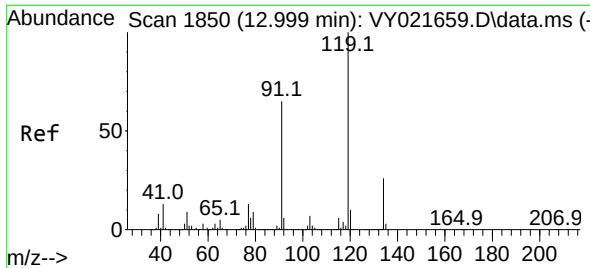
Tgt Ion: 75 Resp: 40635
Ion Ratio Lower Upper
75 100
53 92.2 76.1 114.1
89 46.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 55.178 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion: 91 Resp: 585547
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

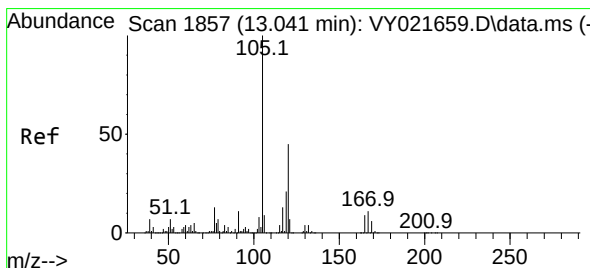
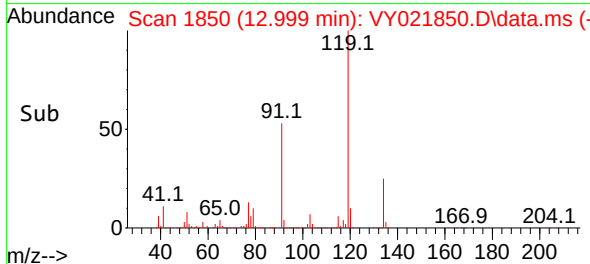
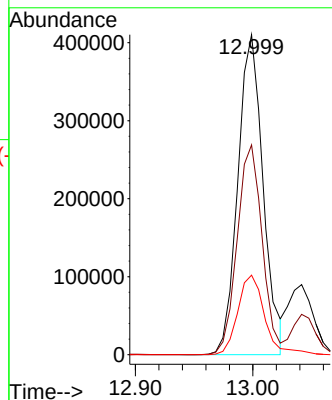
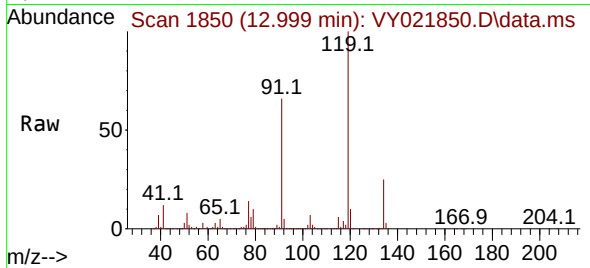




#83
 tert-Butylbenzene
 Concen: 57.834 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

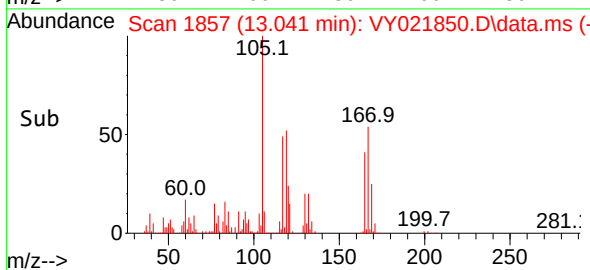
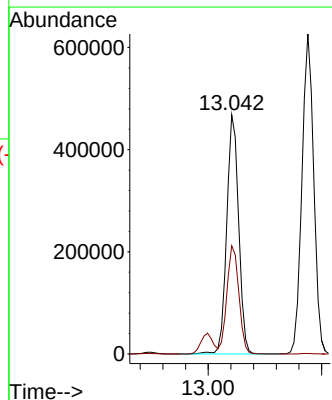
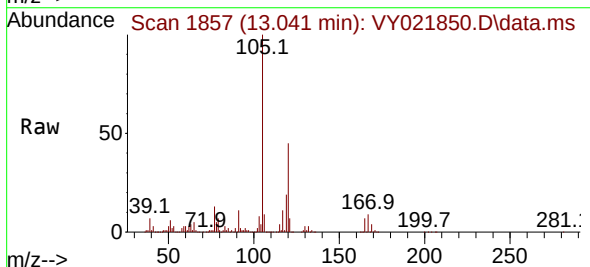
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

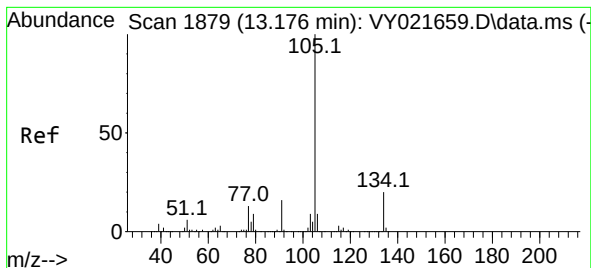
Tgt Ion:119 Resp: 613715
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.6 97.7
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 57.973 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021850.D
 Acq: 11 Apr 2025 09:18

Tgt Ion:105 Resp: 682635
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 58.131 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

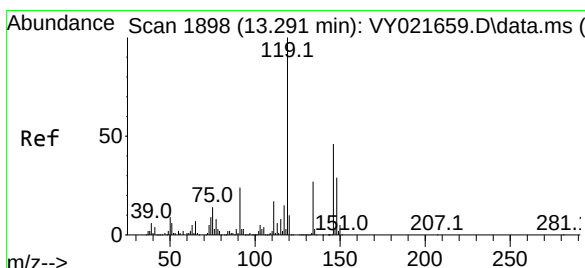
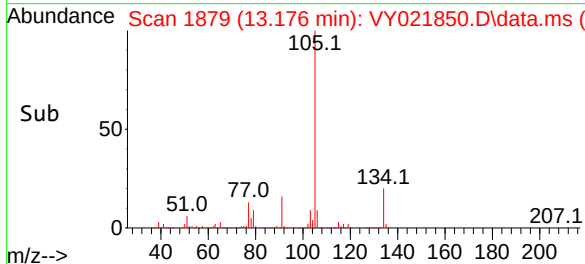
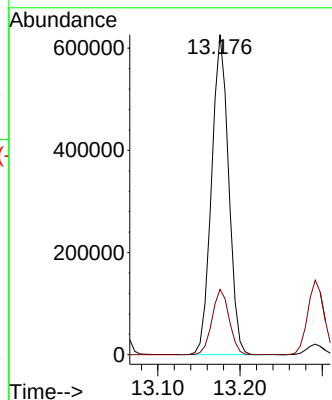
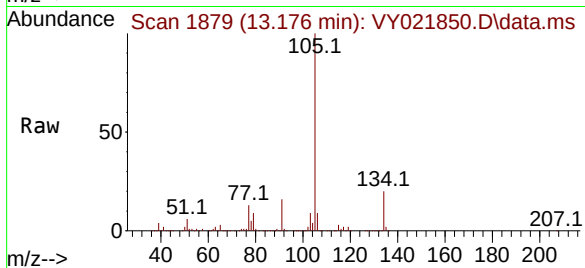
VSTDCCC050

Tgt Ion:105 Resp: 901482

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 59.571 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

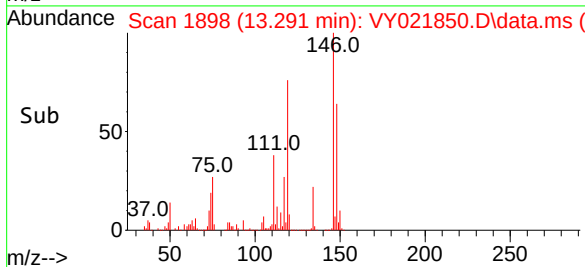
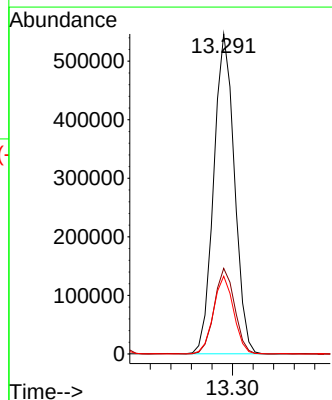
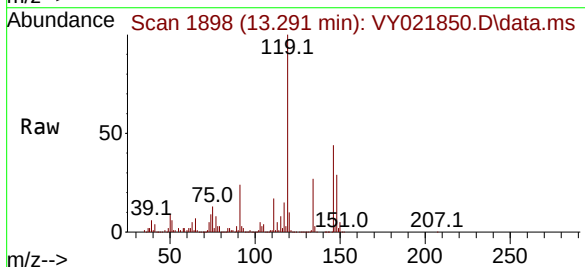
Tgt Ion:119 Resp: 763533

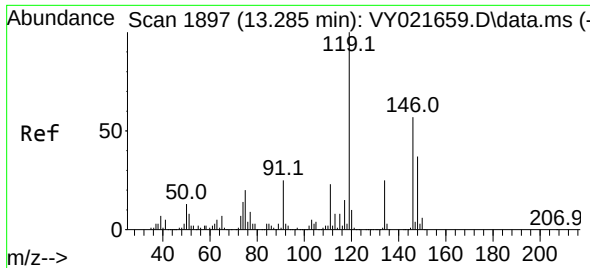
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.7 12.0 36.0

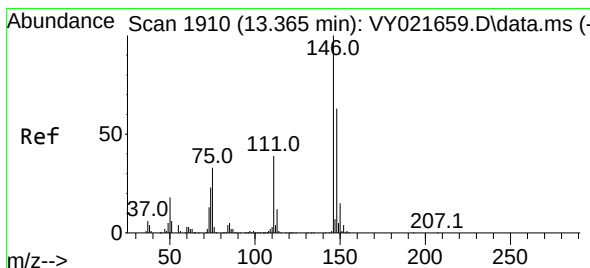
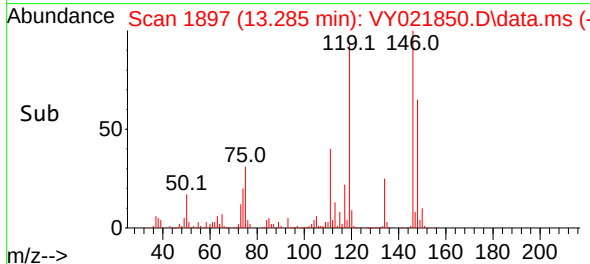
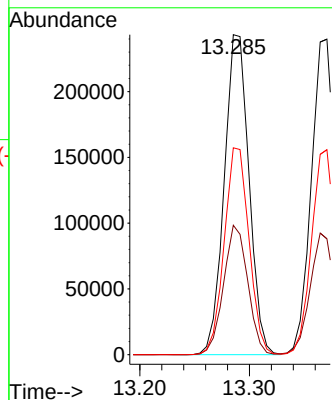
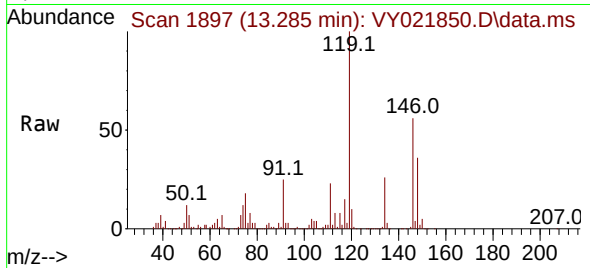




#87
1,3-Dichlorobenzene
Concen: 55.345 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

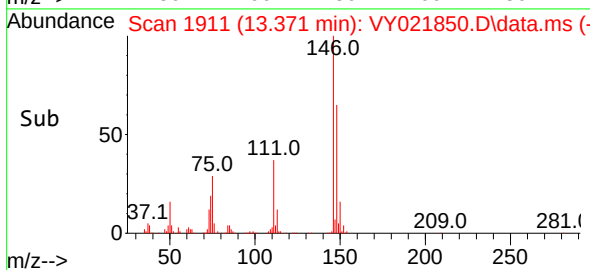
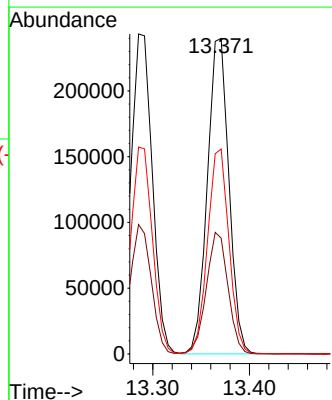
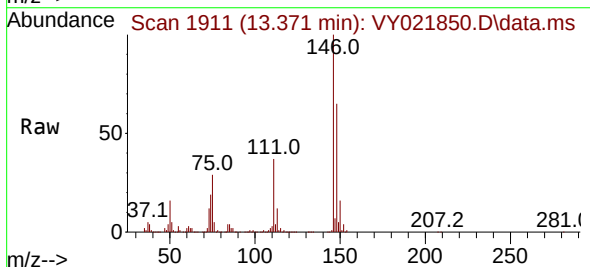
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

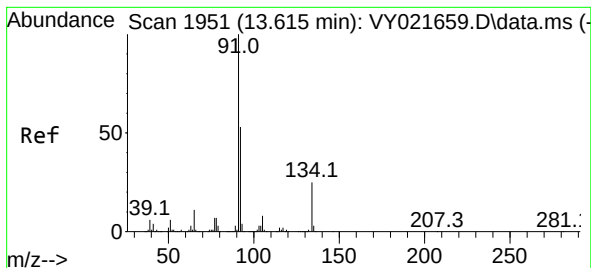
Tgt Ion:146 Resp: 381636
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 64.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 54.580 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021850.D
Acq: 11 Apr 2025 09:18

Tgt Ion:146 Resp: 371844
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 58.642 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

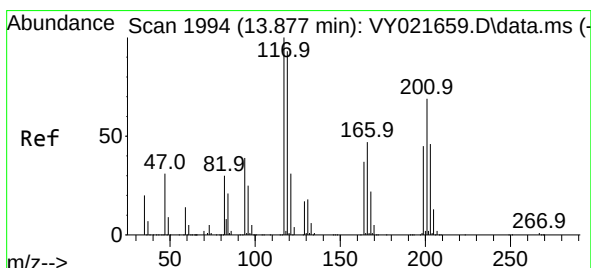
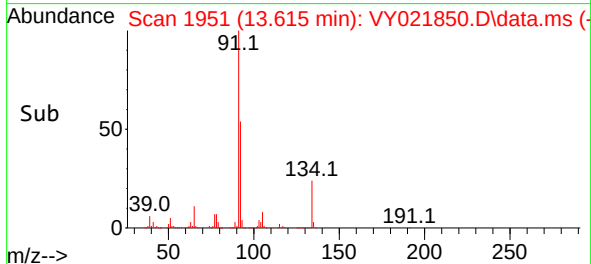
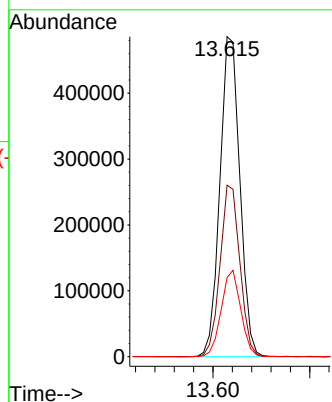
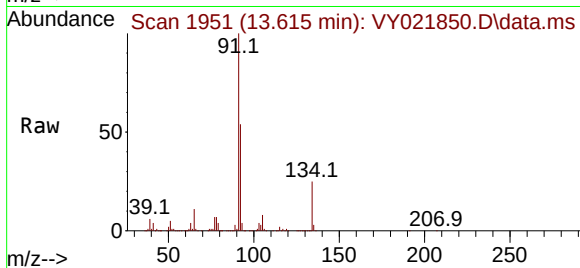
Tgt Ion: 91 Resp: 695112

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 26.4 12.8 38.4



#90

Hexachloroethane

Concen: 54.661 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021850.D

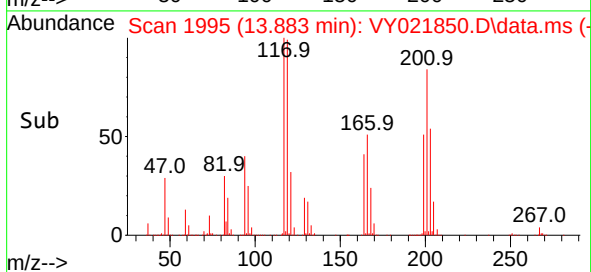
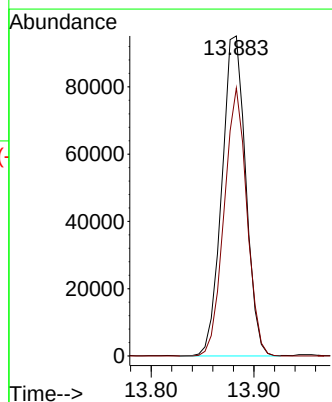
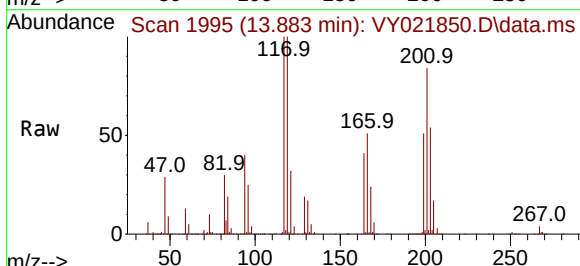
Acq: 11 Apr 2025 09:18

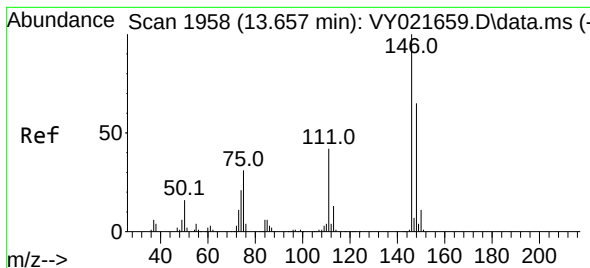
Tgt Ion: 117 Resp: 153528

Ion Ratio Lower Upper

117 100

201 79.4 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 55.539 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

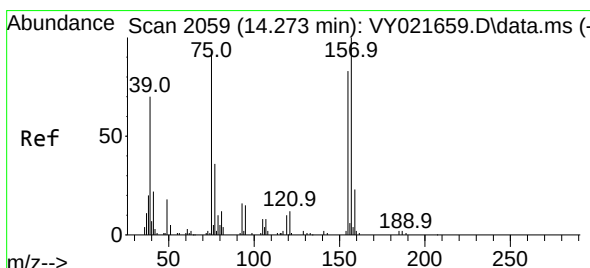
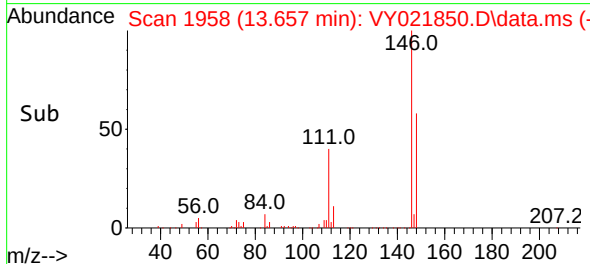
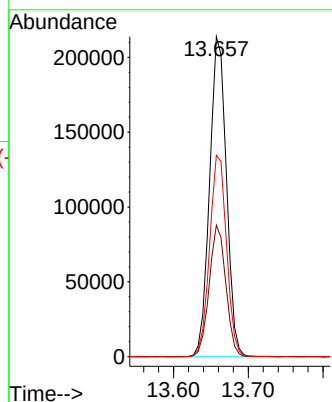
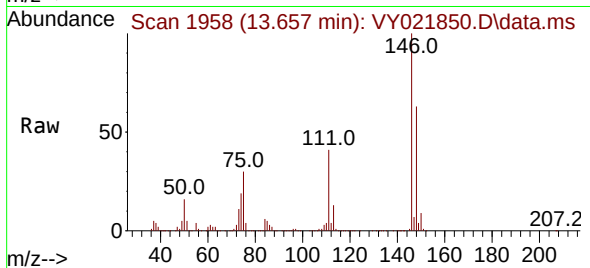
Tgt Ion:146 Resp: 333381

Ion Ratio Lower Upper

146 100

111 40.7 20.7 62.1

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.864 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

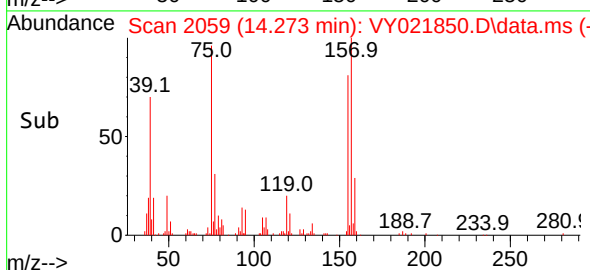
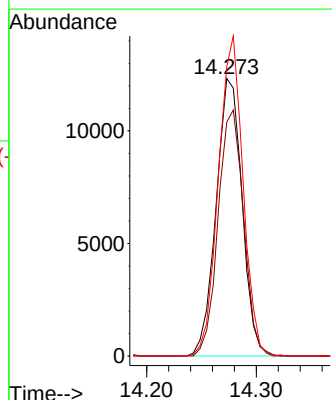
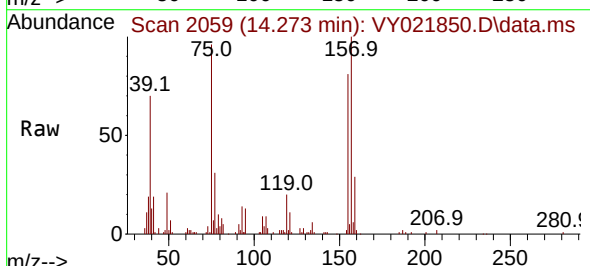
Tgt Ion: 75 Resp: 20255

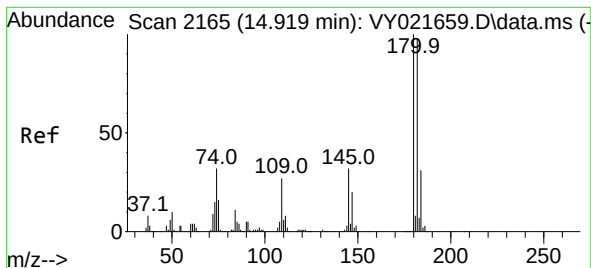
Ion Ratio Lower Upper

75 100

155 87.1 43.0 128.8

157 109.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 63.179 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

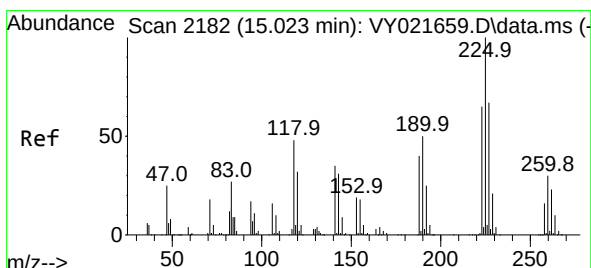
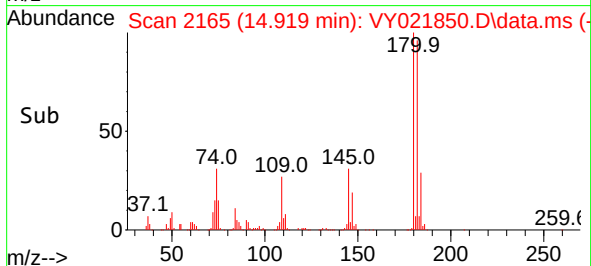
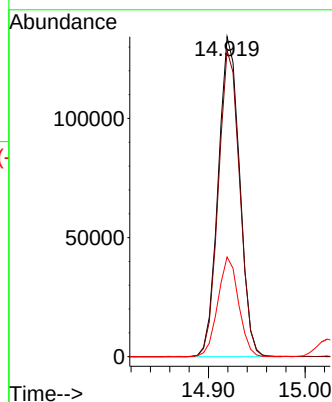
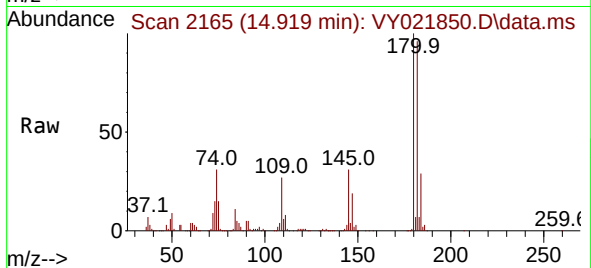
Tgt Ion:180 Resp: 205661

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 30.3 14.9 44.9



#94

Hexachlorobutadiene

Concen: 64.378 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

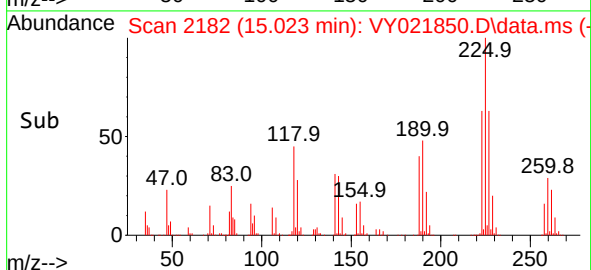
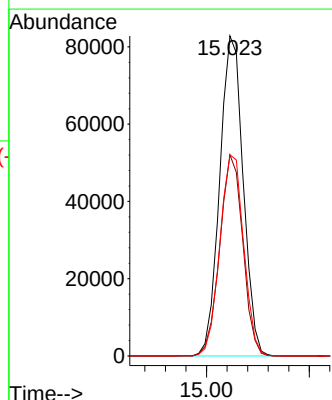
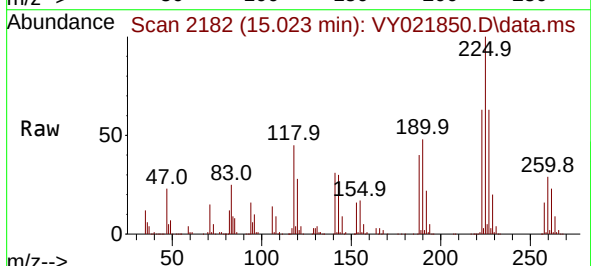
Tgt Ion:225 Resp: 130880

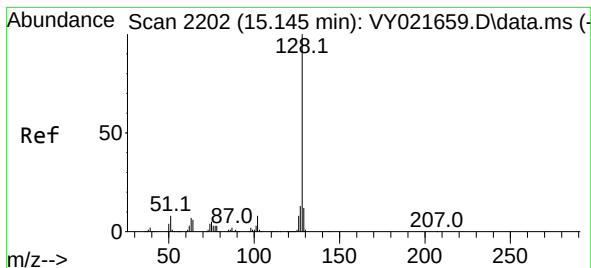
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.7

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 63.159 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

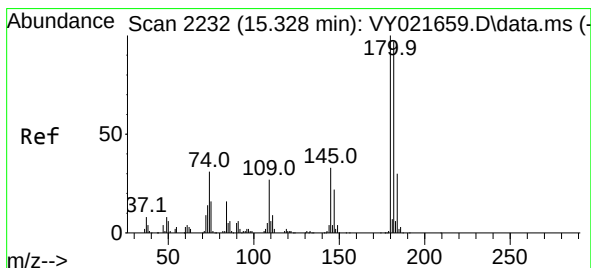
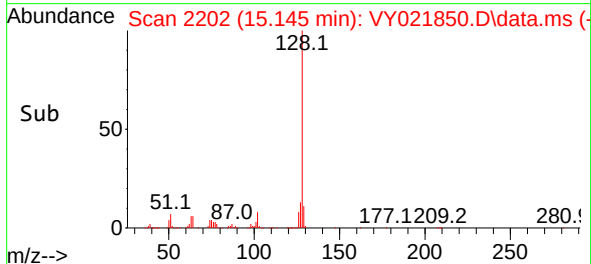
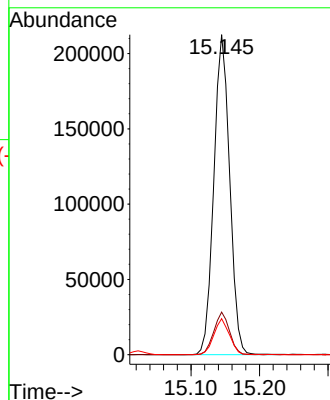
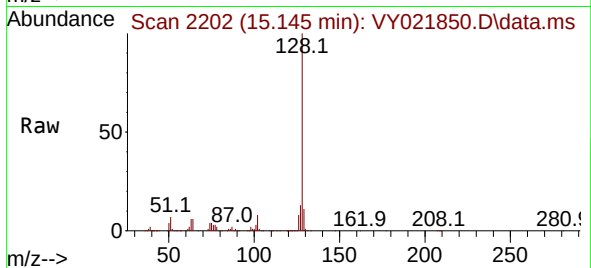
Tgt Ion:128 Resp: 340784

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 62.357 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021850.D

Acq: 11 Apr 2025 09:18

Tgt Ion:180 Resp: 173096

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 32.3 15.9 47.7

