

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021863.D
 Acq On : 11 Apr 2025 16:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 12 02:52:05 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	248968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	383813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	183704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127888	47.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.634	113	125237	50.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.109	98	470108	49.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.407	95	165267	51.585	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	122600	47.510	ug/l	99
3) Chloromethane	2.068	50	160390	44.202	ug/l	100
4) Vinyl Chloride	2.202	62	184940	45.068	ug/l	98
5) Bromomethane	2.592	94	122180	43.655	ug/l	99
6) Chloroethane	2.732	64	123558	46.015	ug/l	100
7) Trichlorofluoromethane	3.055	101	256723	48.837	ug/l	98
8) Diethyl Ether	3.458	74	70591	49.380	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	141418	51.008	ug/l	98
10) Methyl Iodide	4.007	142	174424	57.347	ug/l	100
11) Tert butyl alcohol	4.866	59	40740	232.522	ug/l	99
12) 1,1-Dichloroethene	3.793	96	130888	50.121	ug/l	94
13) Acrolein	3.653	56	19523	61.024	ug/l	93
14) Allyl chloride	4.385	41	205189	49.280	ug/l	99
15) Acrylonitrile	5.061	53	152049	254.738	ug/l	100
16) Acetone	3.872	43	111634	202.209	ug/l	96
17) Carbon Disulfide	4.104	76	397484	46.212	ug/l	99
18) Methyl Acetate	4.391	43	89546	65.445	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	342850	52.733	ug/l	96
20) Methylene Chloride	4.616	84	147922	55.155	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	145689	50.670	ug/l	99
22) Diisopropyl ether	6.018	45	453093	51.875	ug/l	97
23) Vinyl Acetate	5.957	43	1235789	241.854	ug/l	99
24) 1,1-Dichloroethane	5.915	63	264528	50.649	ug/l	98
25) 2-Butanone	6.896	43	187583	237.890	ug/l	100
26) 2,2-Dichloropropane	6.884	77	228231	49.127	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	170230	52.646	ug/l	97
28) Bromochloromethane	7.244	49	110853	50.328	ug/l	95
29) Tetrahydrofuran	7.262	42	125191	246.687	ug/l	96
30) Chloroform	7.421	83	279332	51.422	ug/l	93
31) Cyclohexane	7.701	56	226431	47.560	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	252327	51.394	ug/l	99
36) 1,1-Dichloropropene	7.835	75	195720	51.610	ug/l	99
37) Ethyl Acetate	6.982	43	88268	49.319	ug/l	100
38) Carbon Tetrachloride	7.817	117	230129	52.983	ug/l	99
39) Methylcyclohexane	9.109	83	236631	52.234	ug/l	99
40) Benzene	8.079	78	596553	52.528	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	45303	47.664	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	165899	51.817	ug/l	100
43) Isopropyl Acetate	8.201	43	172013	50.717	ug/l	98
44) Trichloroethene	8.865	130	156301	54.016	ug/l	99
45) 1,2-Dichloropropane	9.140	63	142669	53.072	ug/l	100
46) Dibromomethane	9.231	93	83067	53.616	ug/l	99
47) Bromodichloromethane	9.426	83	214746	53.493	ug/l	99
48) Methyl methacrylate	9.219	41	82077	52.727	ug/l	97
49) 1,4-Dioxane	9.231	88	17779	1071.224	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	472128	267.493	ug/l	99
52) Toluene	10.170	92	383715	54.154	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	188674	52.913	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	219434	52.164	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	109209	54.775	ug/l	98
56) Ethyl methacrylate	10.438	69	146126	57.399	ug/l	96
57) 1,3-Dichloropropane	10.719	76	185029	53.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	336283	270.776	ug/l	98
59) 2-Hexanone	10.761	43	316903	269.597	ug/l	99
60) Dibromochloromethane	10.914	129	149326	54.856	ug/l	100
61) 1,2-Dibromoethane	11.017	107	100948	53.974	ug/l	98
64) Tetrachloroethene	10.646	164	176183	55.101	ug/l	99
65) Chlorobenzene	11.444	112	419527	52.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	150724	52.787	ug/l	99
67) Ethyl Benzene	11.517	91	731336	52.996	ug/l	99
68) m/p-Xylenes	11.627	106	570656	107.989	ug/l	98
69) o-Xylene	11.956	106	263746	54.070	ug/l	99
70) Styrene	11.969	104	453964	55.817	ug/l	99
71) Bromoform	12.133	173	87144	53.505	ug/l	98
73) Isopropylbenzene	12.255	105	704687	51.647	ug/l	100
74) N-amyl acetate	12.072	43	160790	50.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	115599	47.123	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	162616	89.301	ug/l #	100
77) Bromobenzene	12.529	156	167277	51.061	ug/l	98
78) n-propylbenzene	12.596	91	848941	51.753	ug/l	100
79) 2-Chlorotoluene	12.682	91	484804	50.884	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	581639	52.158	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	36928	46.727	ug/l	99
82) 4-Chlorotoluene	12.779	91	506324	50.974	ug/l	99
83) tert-Butylbenzene	12.999	119	515927	51.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	588121	53.361	ug/l	100
85) sec-Butylbenzene	13.176	105	757128	52.160	ug/l	99
86) p-Isopropyltoluene	13.291	119	637973	53.177	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	333490	51.669	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	324393	50.870	ug/l	99
89) n-Butylbenzene	13.621	91	581260	52.389	ug/l	100
90) Hexachloroethane	13.883	117	134271	51.073	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	294055	52.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19648	51.677	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	174560	57.291	ug/l	99
94) Hexachlorobutadiene	15.023	225	106544	55.990	ug/l	98
95) Naphthalene	15.145	128	324052	64.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	154353	59.406	ug/l	99

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

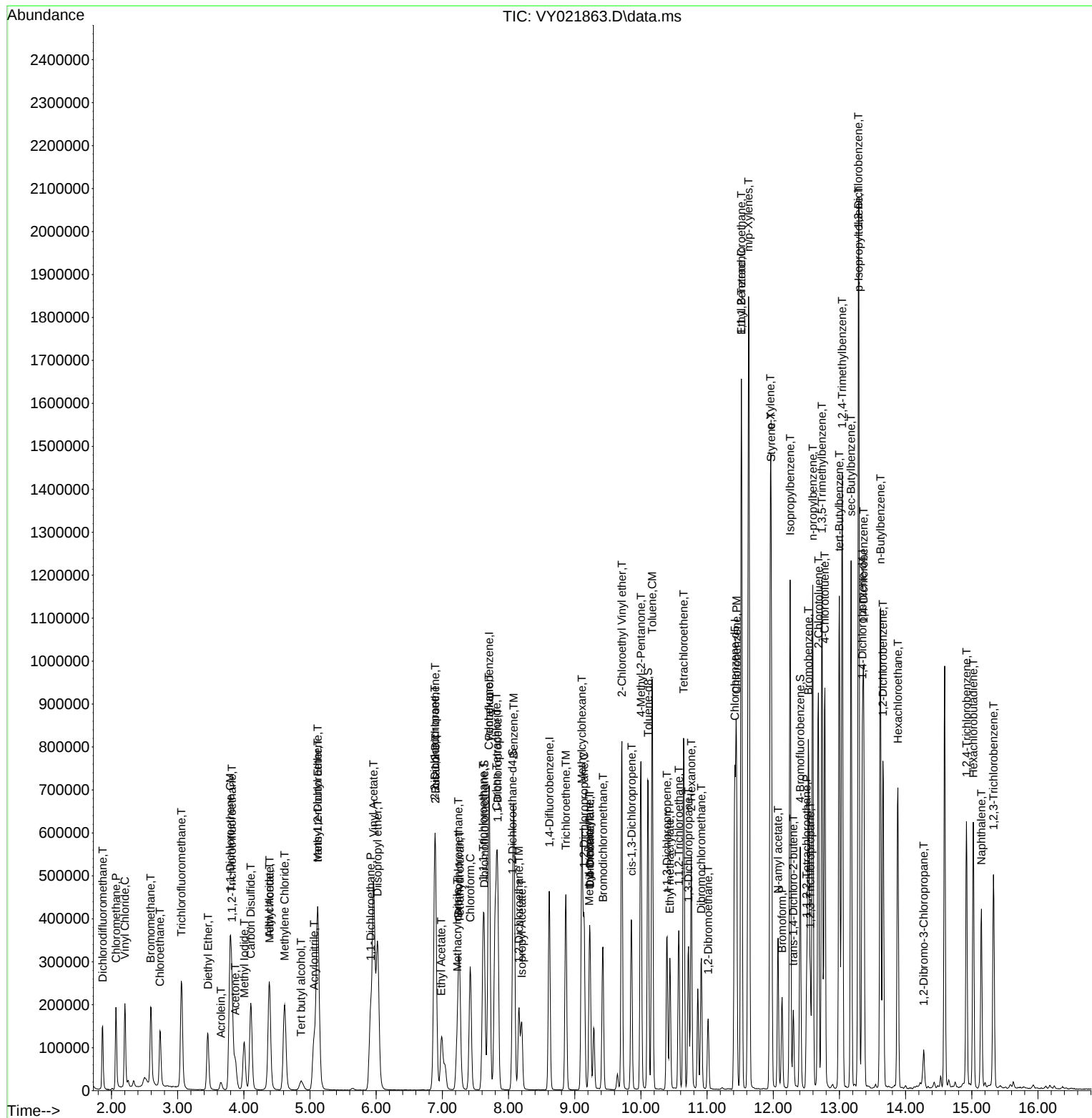
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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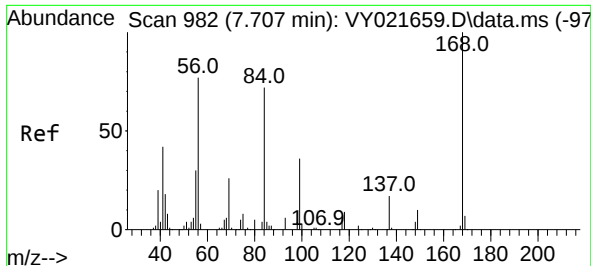
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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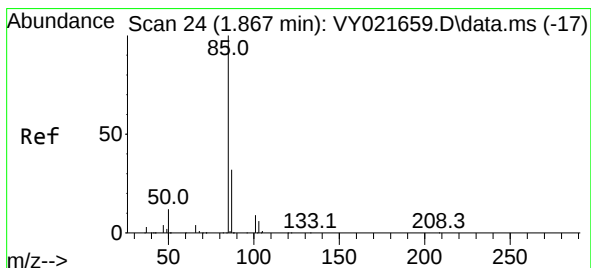
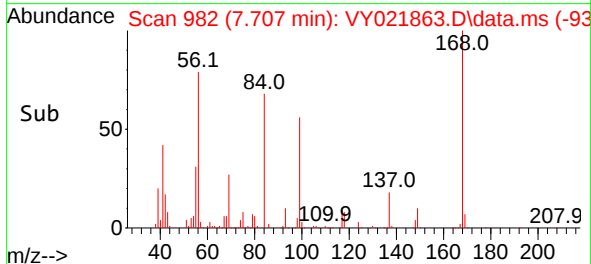
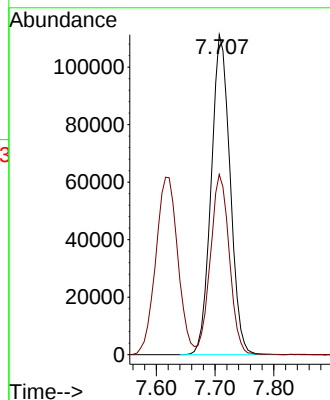
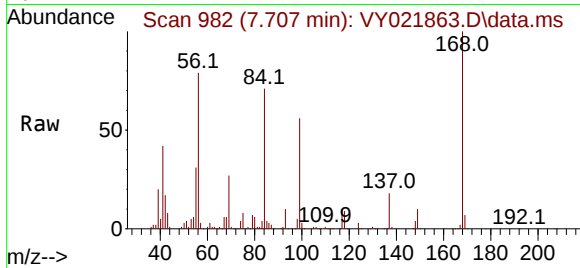




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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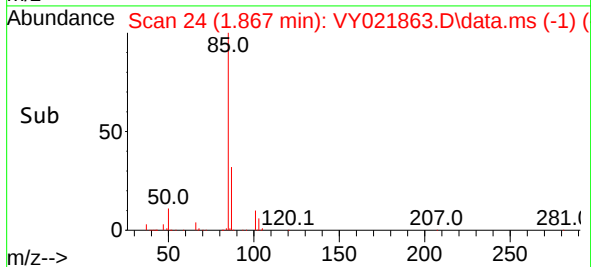
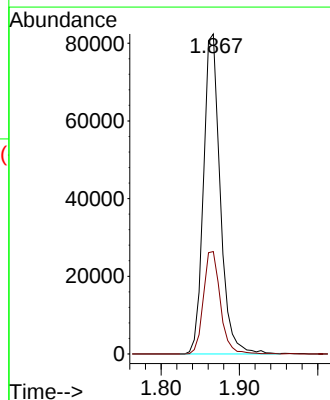
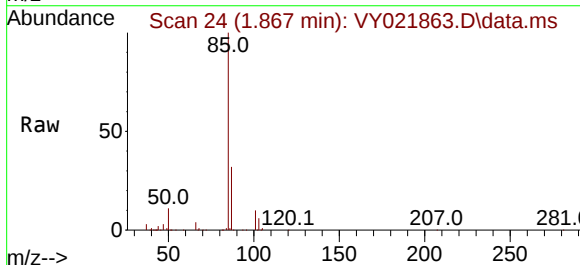
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

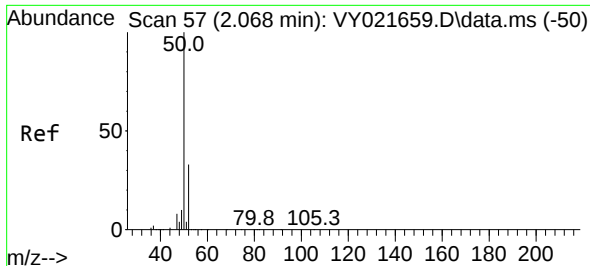
Tgt Ion:168 Resp: 248968
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 47.510 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 85 Resp: 122600
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

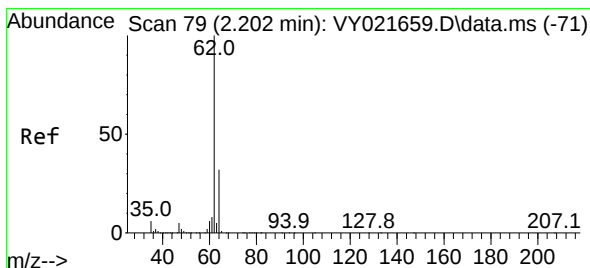
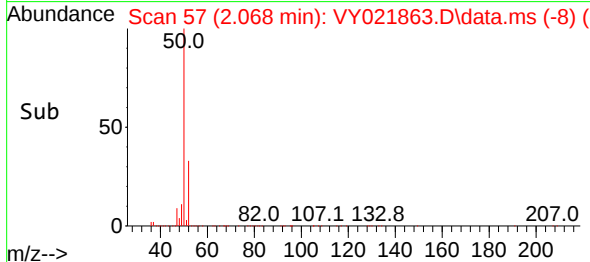
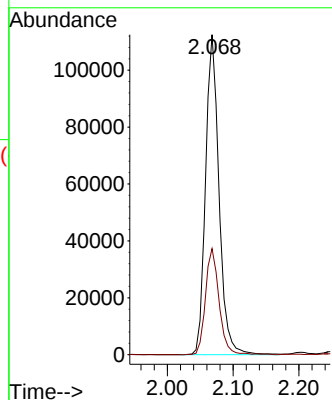
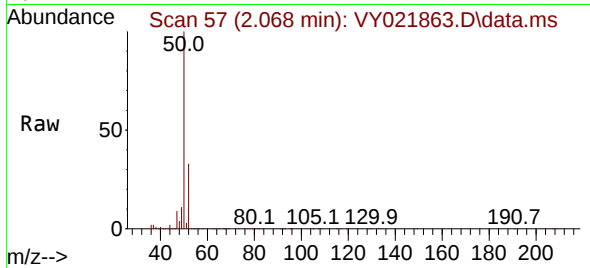




#3
Chloromethane
Concen: 44.202 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

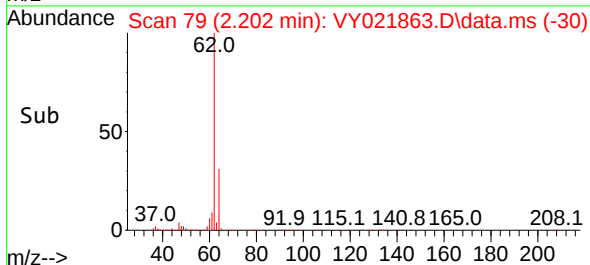
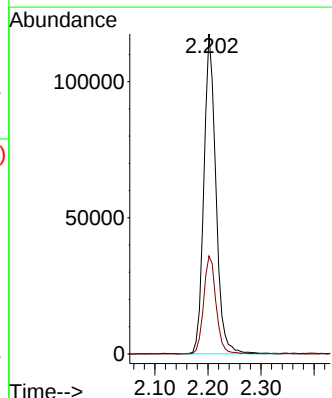
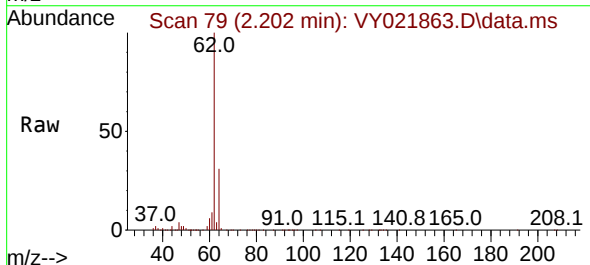
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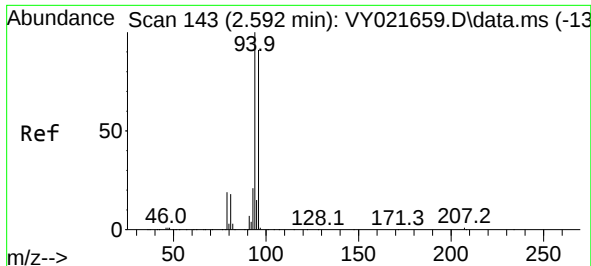
Tgt Ion: 50 Resp: 160390
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5



#4
Vinyl Chloride
Concen: 45.068 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 62 Resp: 184940
Ion Ratio Lower Upper
62 100
64 30.6 25.5 38.3

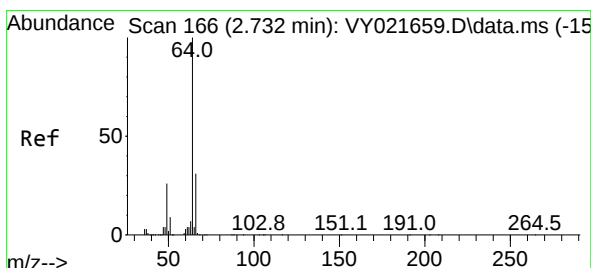
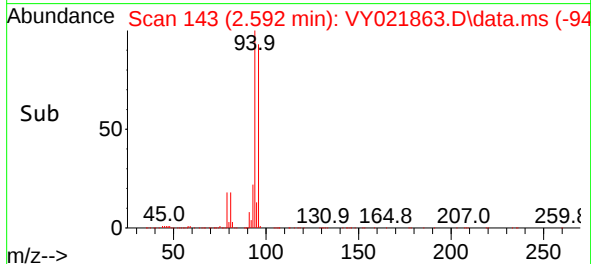
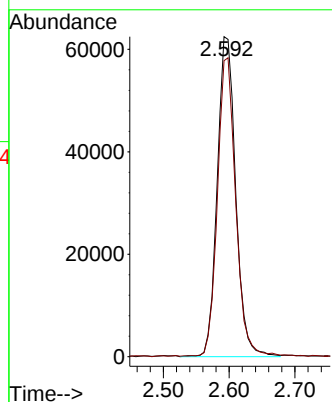
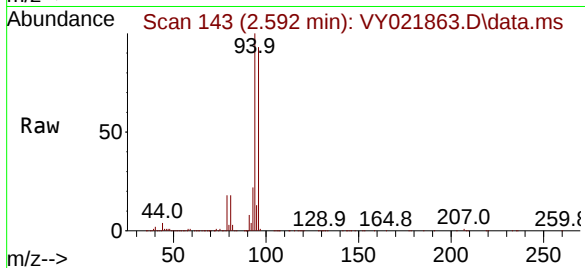




#5
Bromomethane
Concen: 43.655 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

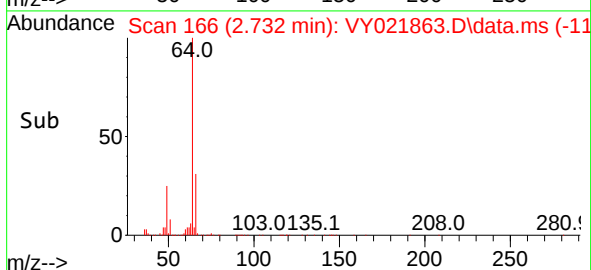
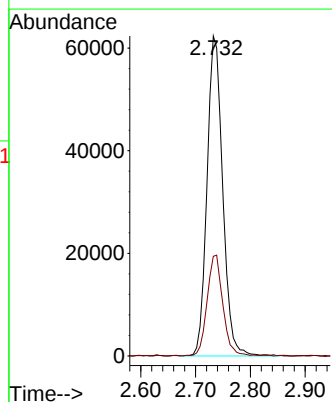
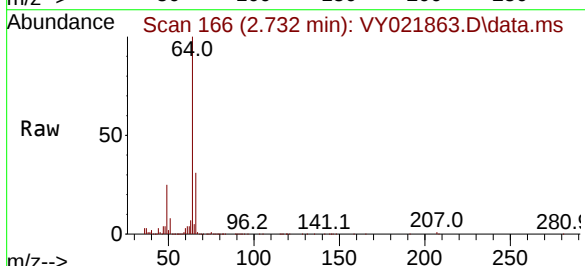
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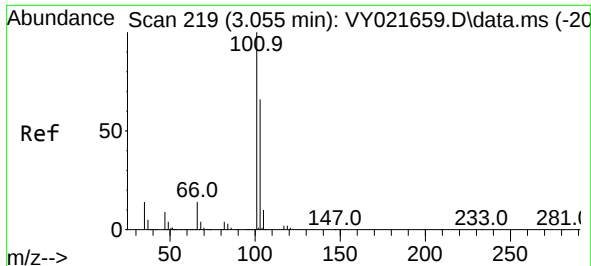
Tgt Ion: 94 Resp: 122180
Ion Ratio Lower Upper
94 100
96 92.3 72.8 109.2



#6
Chloroethane
Concen: 46.015 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 64 Resp: 123558
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

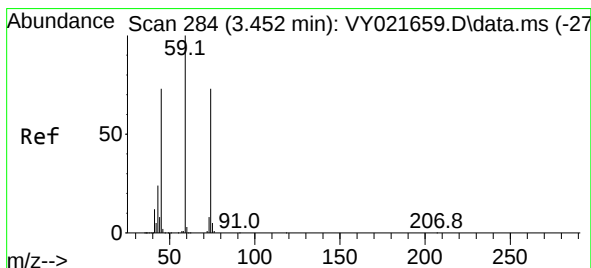
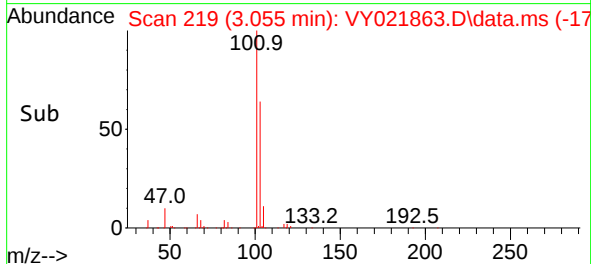
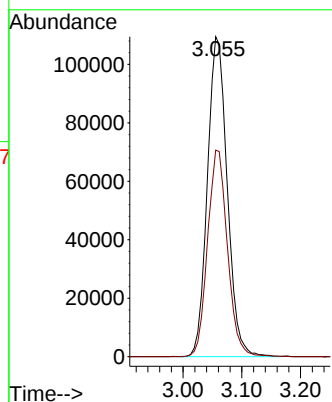
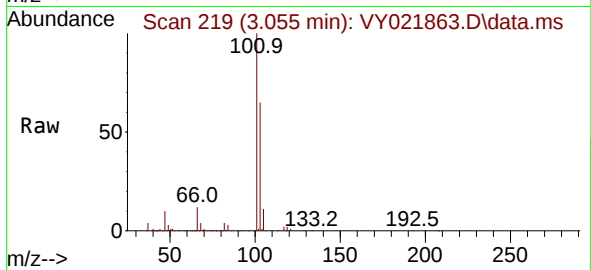




#7
 Trichlorofluoromethane
 Concen: 48.837 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

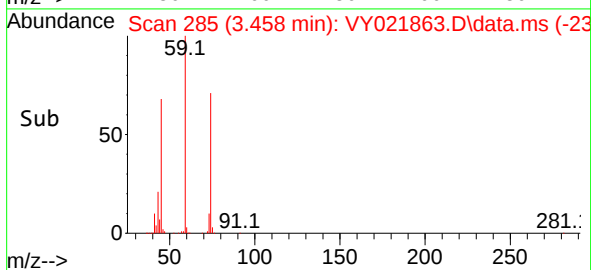
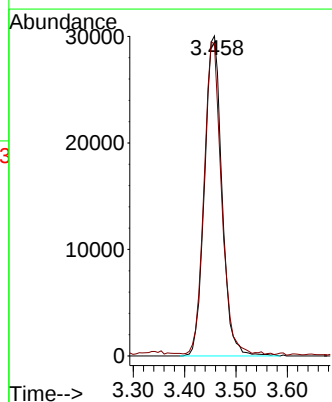
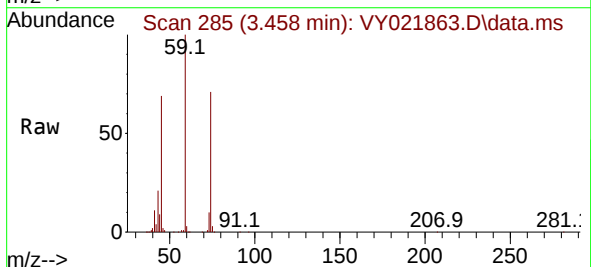
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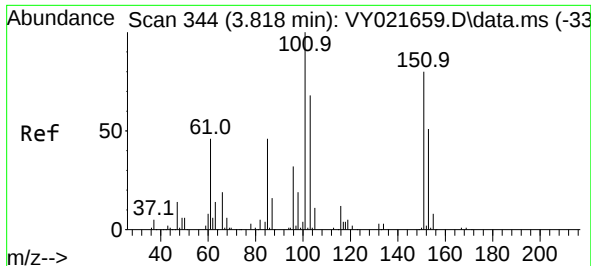
Tgt Ion:101 Resp: 256723
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 49.380 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021863.D
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Tgt Ion: 74 Resp: 70591
 Ion Ratio Lower Upper
 74 100
 45 97.1 48.6 145.8

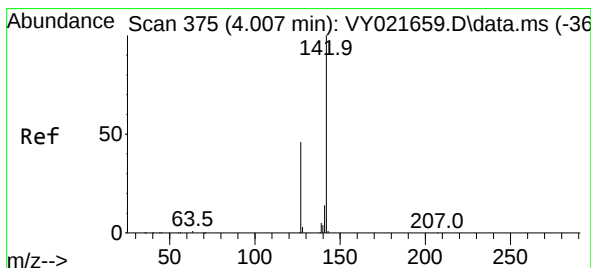
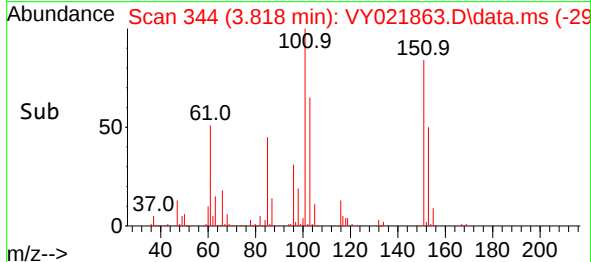
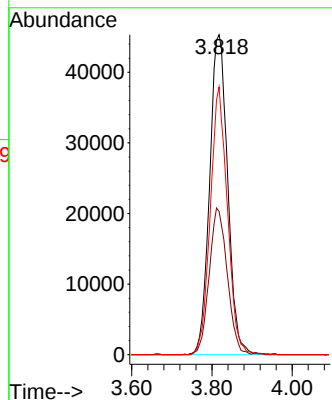
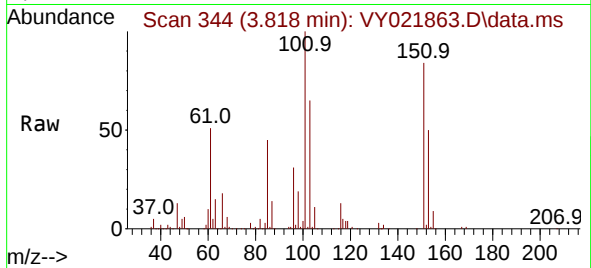




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.008 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

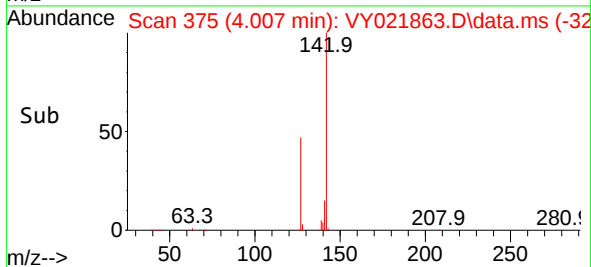
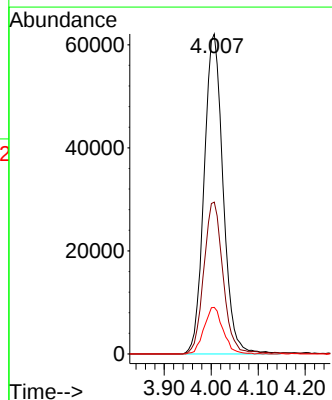
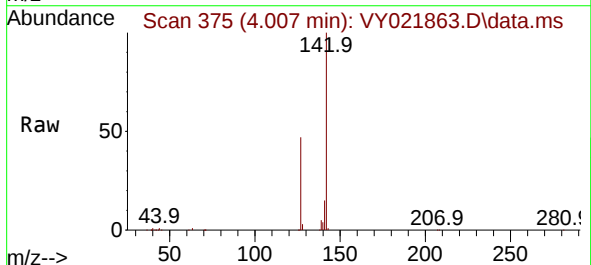
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

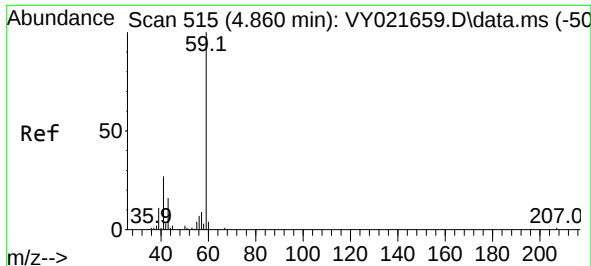
Tgt Ion:101 Resp: 141418
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 79.3 61.3 91.9



#10
Methyl Iodide
Concen: 57.347 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion:142 Resp: 174424
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 14.6 11.5 17.3

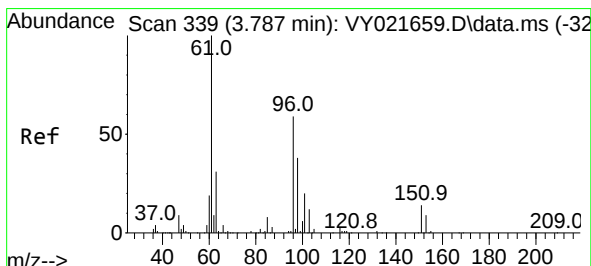
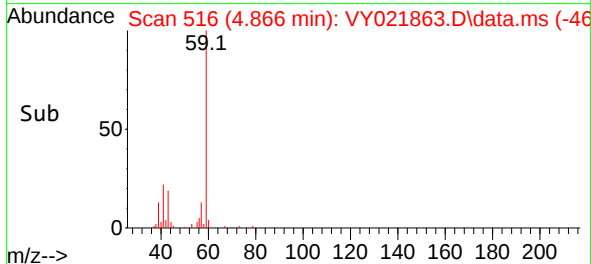
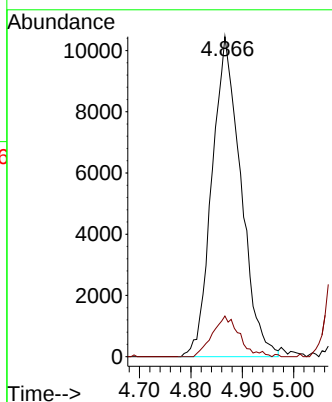
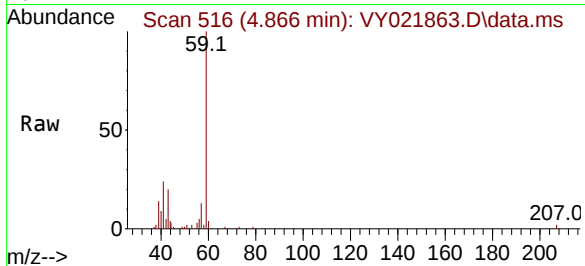




#11
Tert butyl alcohol
Concen: 232.522 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

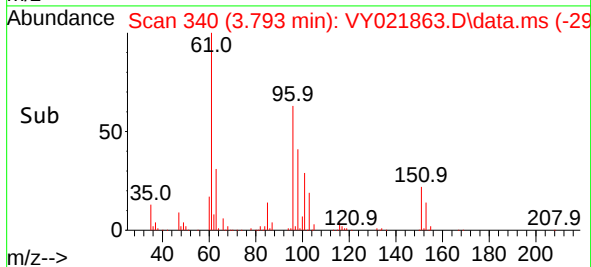
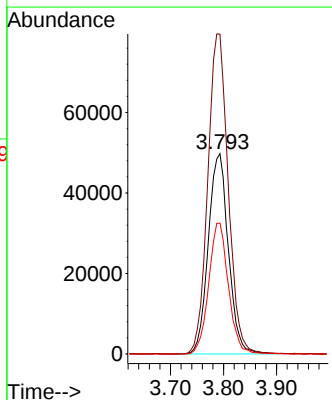
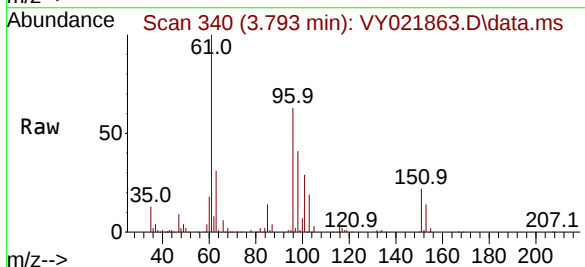
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

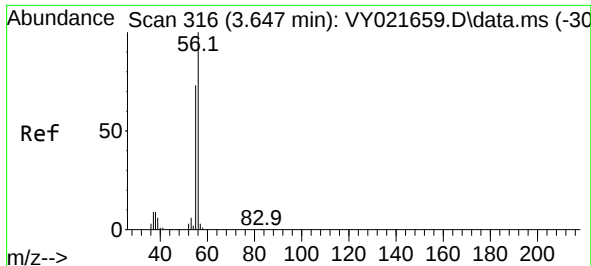
Tgt Ion: 59 Resp: 40740
Ion Ratio Lower Upper
59 100
57 11.9 9.2 13.8



#12
1,1-Dichloroethene
Concen: 50.121 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 96 Resp: 130888
Ion Ratio Lower Upper
96 100
61 159.7 136.6 204.8
98 65.4 52.3 78.5





#13

Acrolein

Concen: 61.024 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

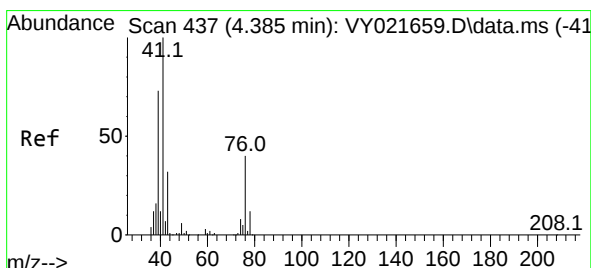
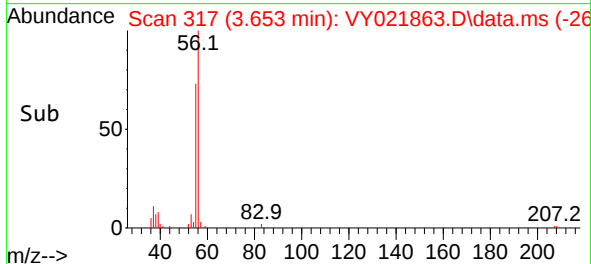
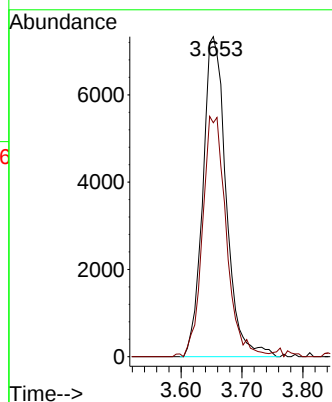
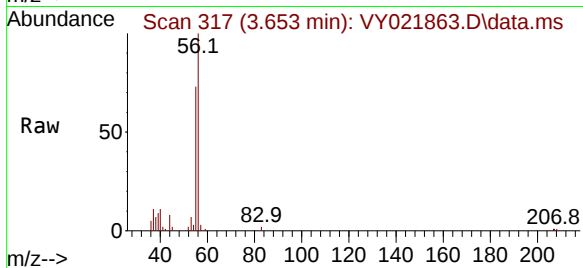
VSTDCCC050EC

Tgt Ion: 56 Resp: 19523

Ion Ratio Lower Upper

56 100

55 76.6 56.6 85.0



#14

Allyl chloride

Concen: 49.280 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

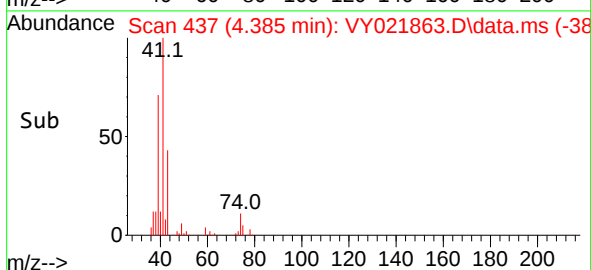
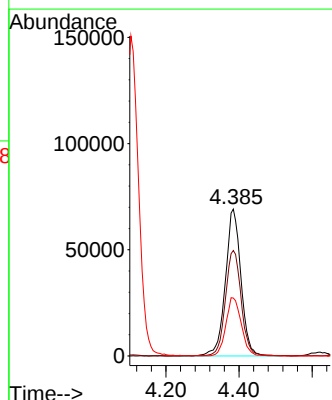
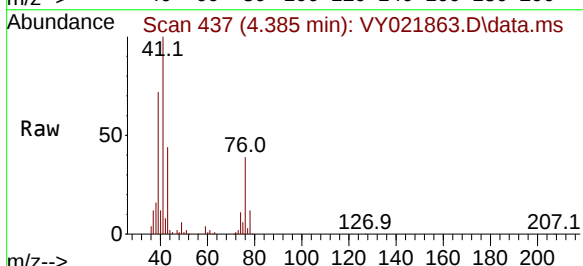
Tgt Ion: 41 Resp: 205189

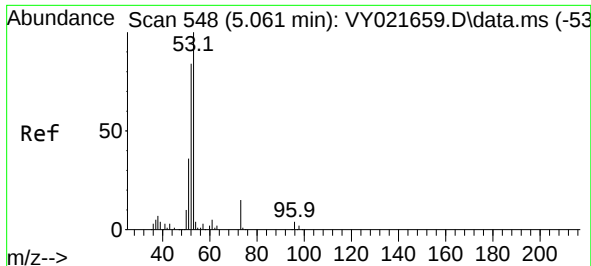
Ion Ratio Lower Upper

41 100

39 72.5 58.6 88.0

76 39.3 30.3 45.5

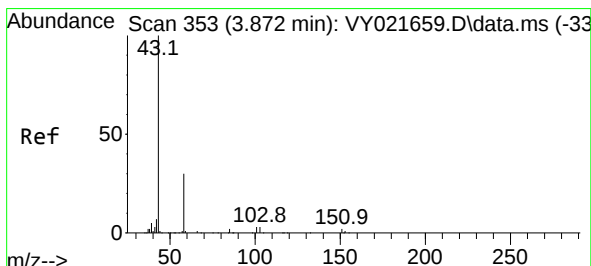
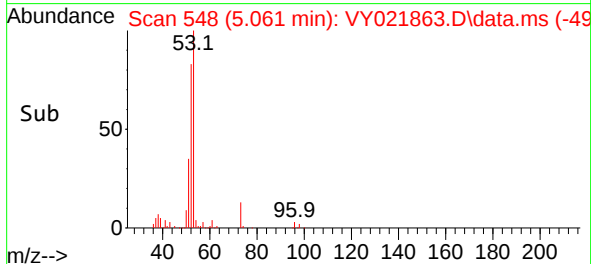
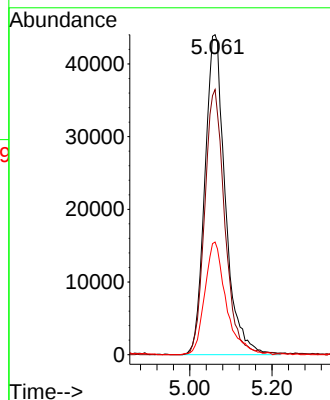
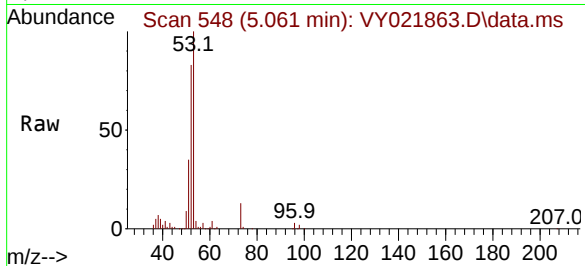




#15
Acrylonitrile
Concen: 254.738 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

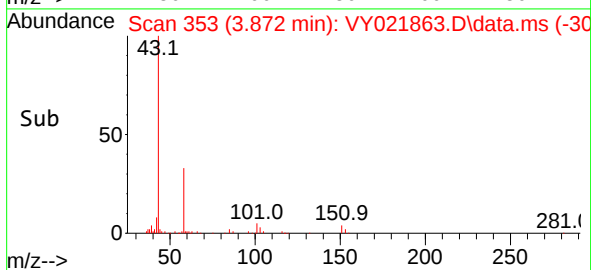
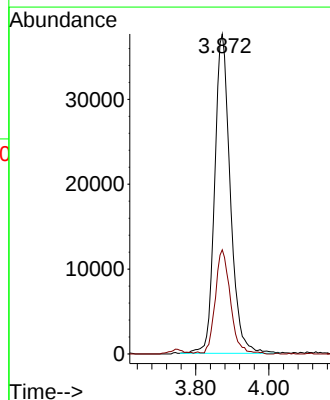
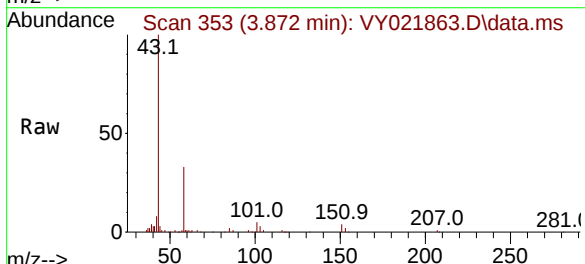
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

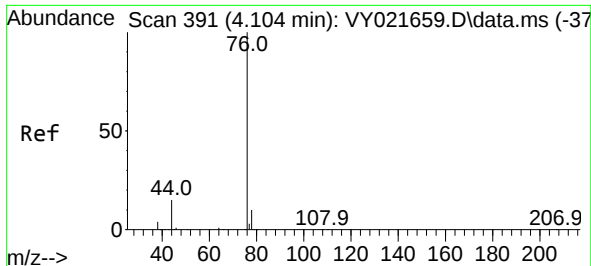
Tgt Ion: 53 Resp: 152049
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 37.0 30.2 45.2



#16
Acetone
Concen: 202.209 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 43 Resp: 111634
Ion Ratio Lower Upper
43 100
58 32.6 24.2 36.4

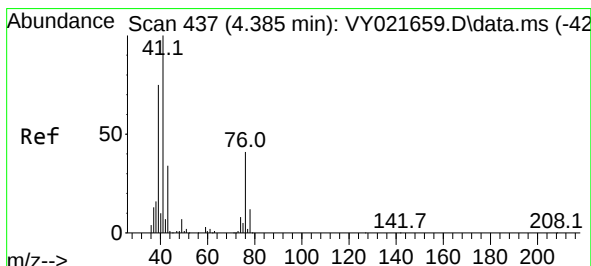
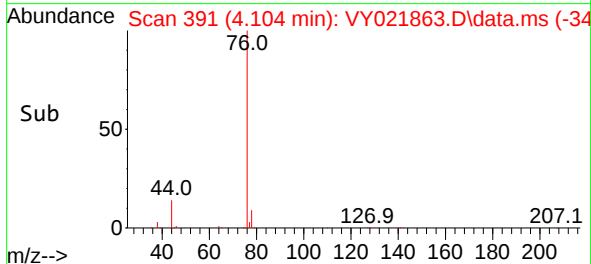
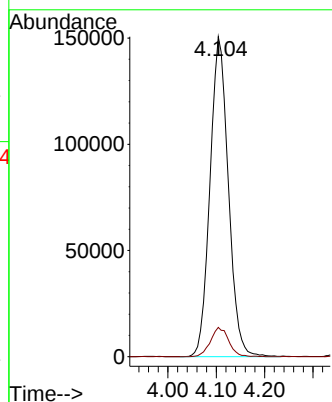
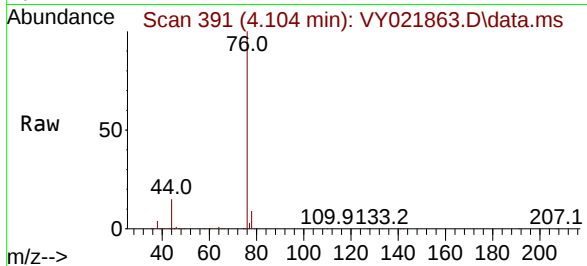




#17
Carbon Disulfide
Concen: 46.212 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

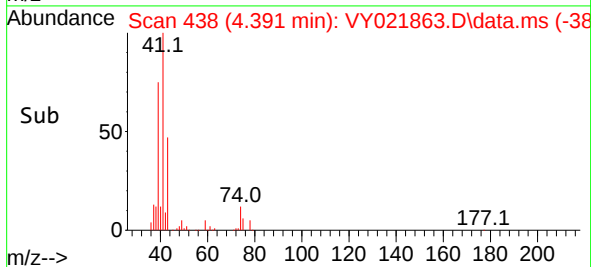
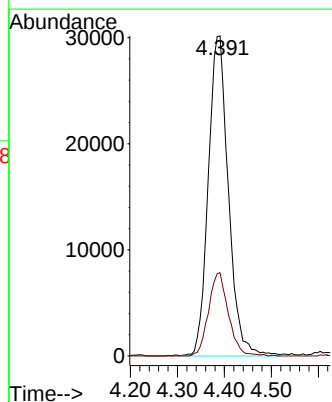
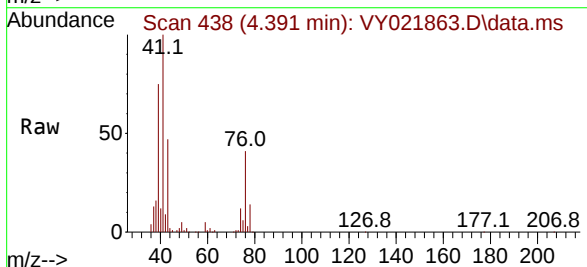
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

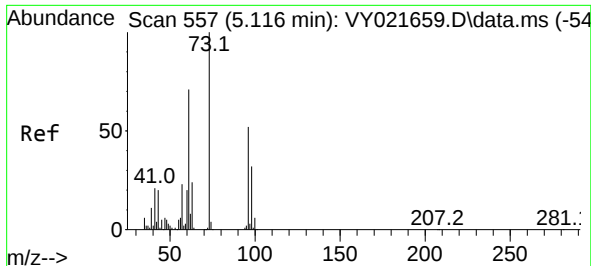
Tgt Ion: 76 Resp: 397484
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 65.445 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 43 Resp: 89546
Ion Ratio Lower Upper
43 100
74 25.6 19.1 28.7

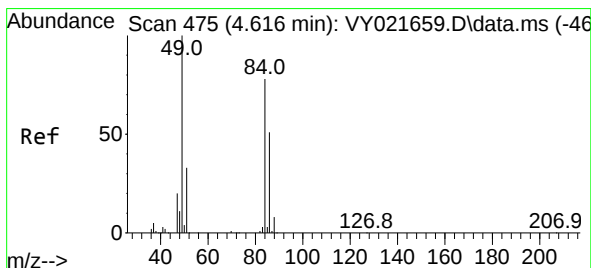
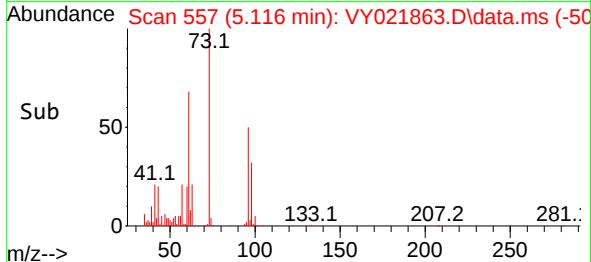
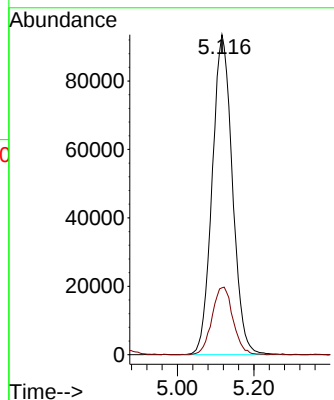
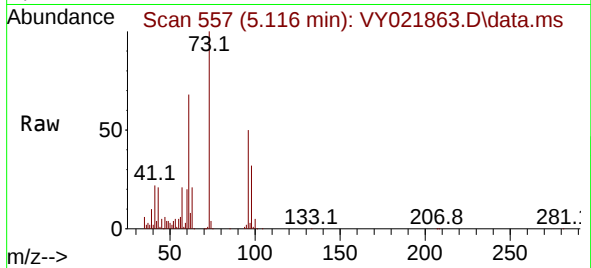




#19
Methyl tert-butyl Ether
Concen: 52.733 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

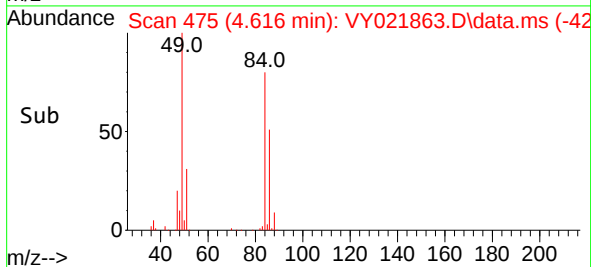
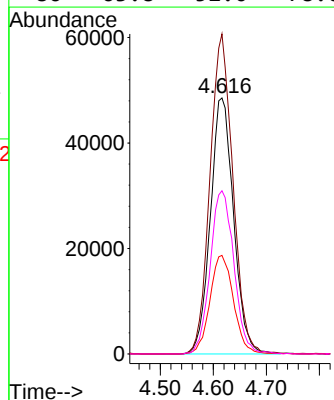
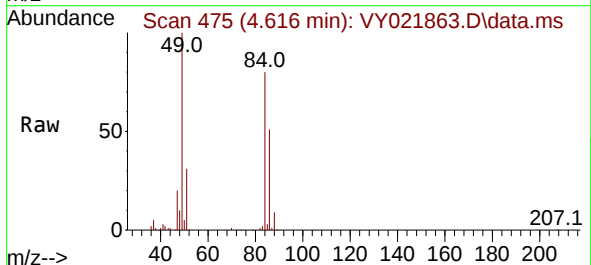
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

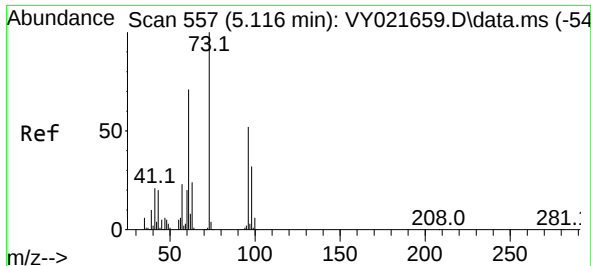
Tgt Ion: 73 Resp: 342850
Ion Ratio Lower Upper
73 100
57 20.9 18.1 27.1



#20
Methylene Chloride
Concen: 55.155 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 84 Resp: 147922
Ion Ratio Lower Upper
84 100
49 125.0 102.8 154.2
51 38.5 33.5 50.3
86 63.8 52.0 78.0

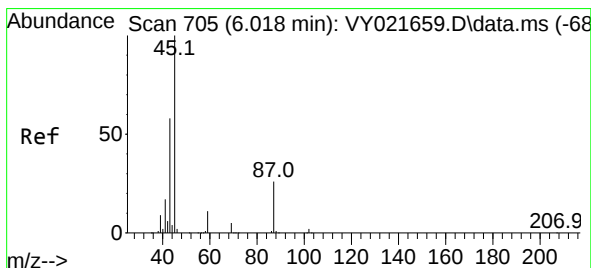
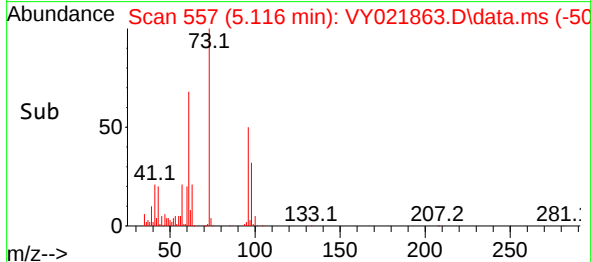
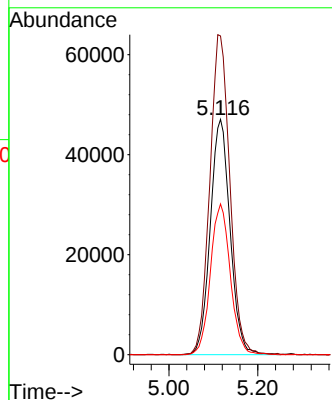
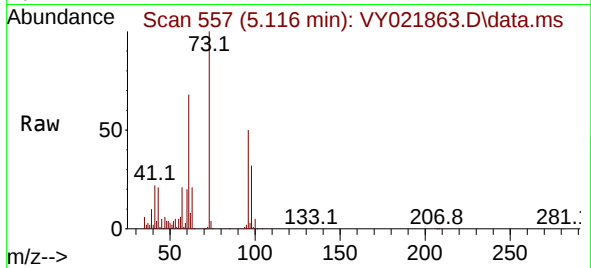




#21
trans-1,2-Dichloroethene
Concen: 50.670 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

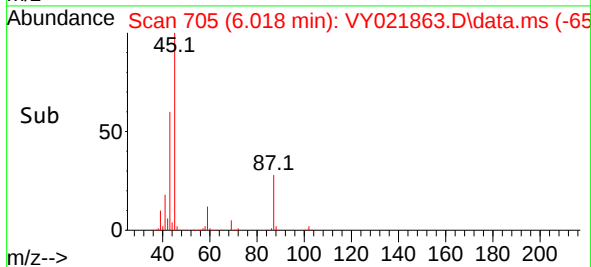
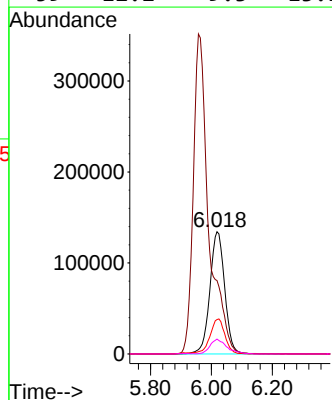
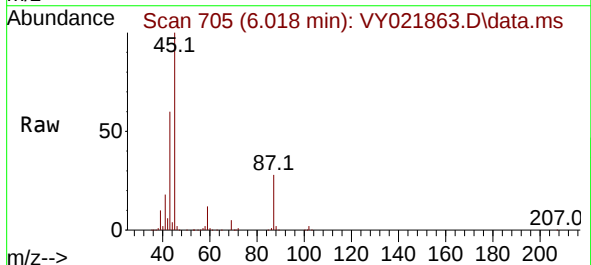
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

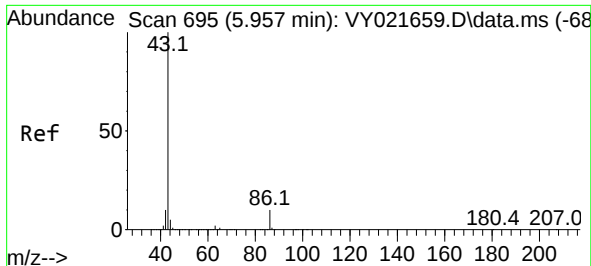
Tgt Ion: 96 Resp: 145689
Ion Ratio Lower Upper
96 100
61 135.5 109.4 164.0
98 64.0 50.2 75.2



#22
Diisopropyl ether
Concen: 51.875 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 45 Resp: 453093
Ion Ratio Lower Upper
45 100
43 60.0 46.6 69.8
87 28.2 20.7 31.1
59 12.2 9.3 13.9

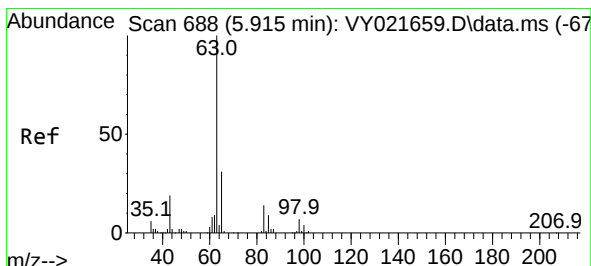
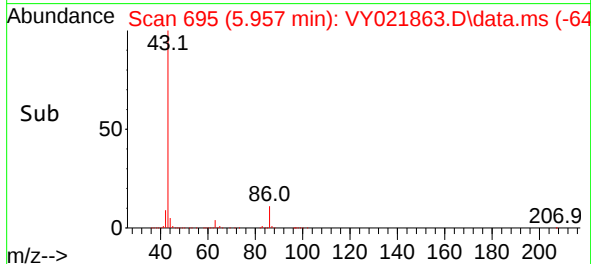
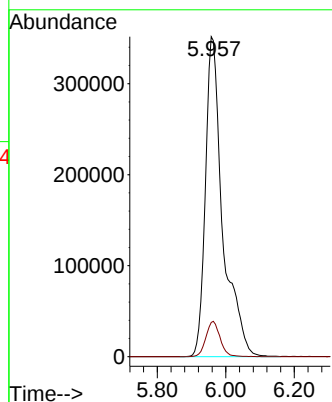
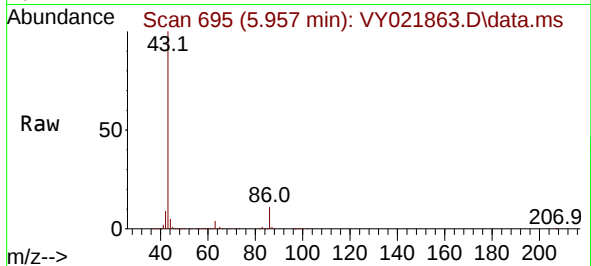




#23
 Vinyl Acetate
 Concen: 241.854 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

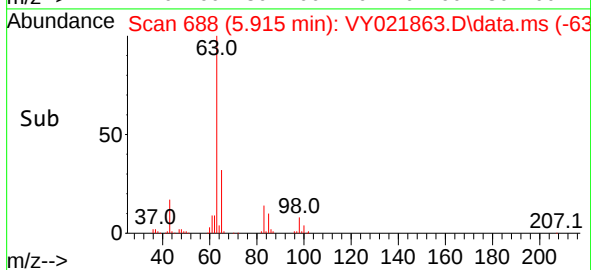
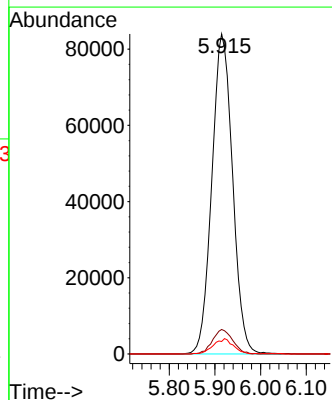
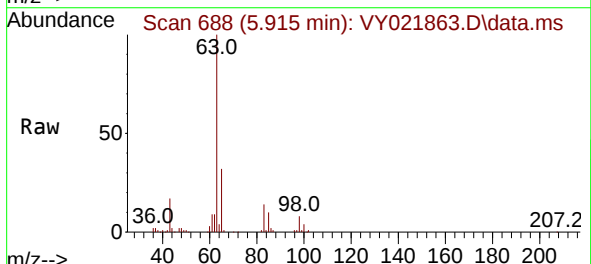
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

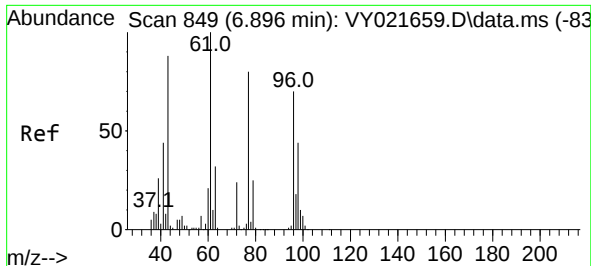
Tgt Ion: 43 Resp: 1235789
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.649 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

Tgt Ion: 63 Resp: 264528
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 237.890 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

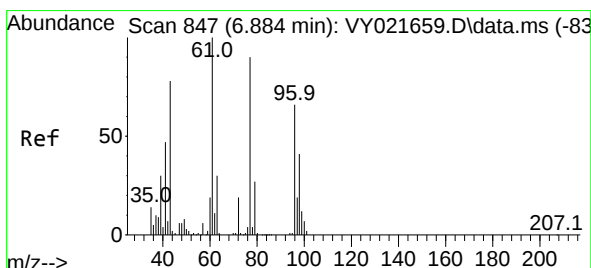
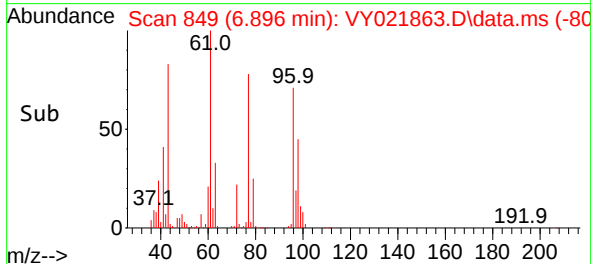
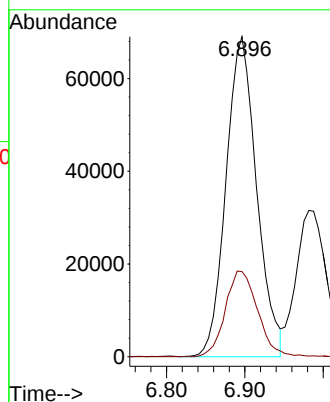
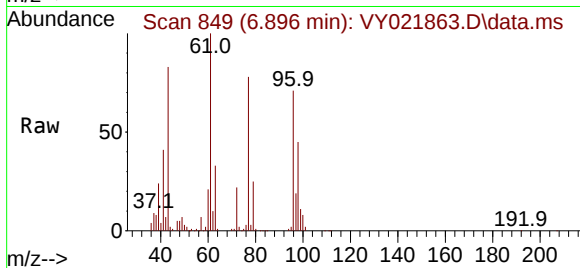
VSTDCCC050EC

Tgt Ion: 43 Resp: 187583

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.127 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021863.D

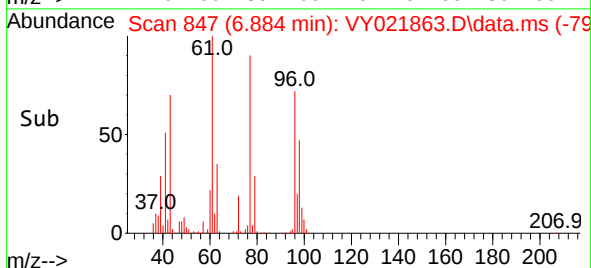
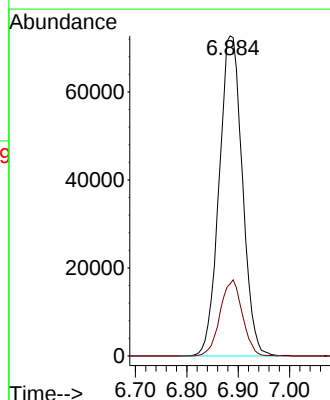
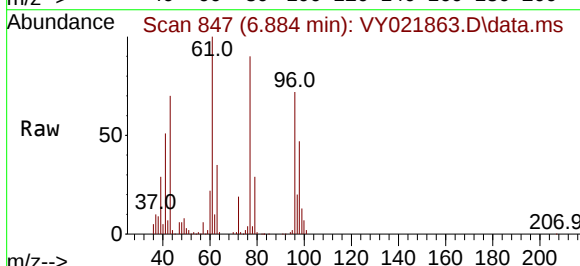
Acq: 11 Apr 2025 16:40

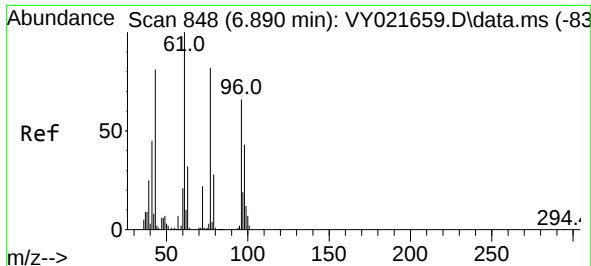
Tgt Ion: 77 Resp: 228231

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.646 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

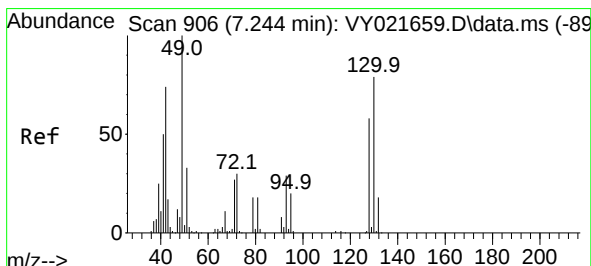
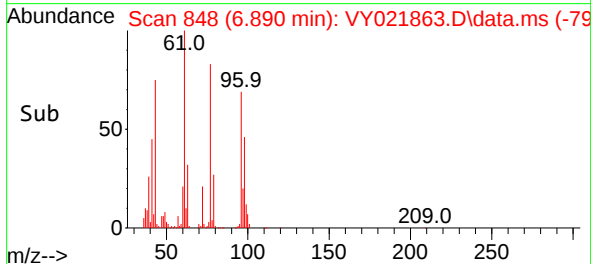
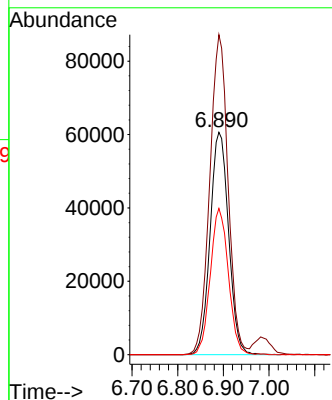
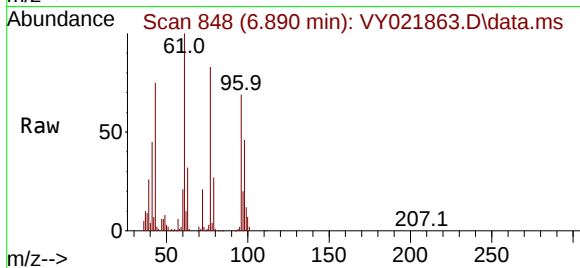
Tgt Ion: 96 Resp: 170230

Ion Ratio Lower Upper

96 100

61 142.6 0.0 296.4

98 64.4 0.0 128.0



#28

Bromochloromethane

Concen: 50.328 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

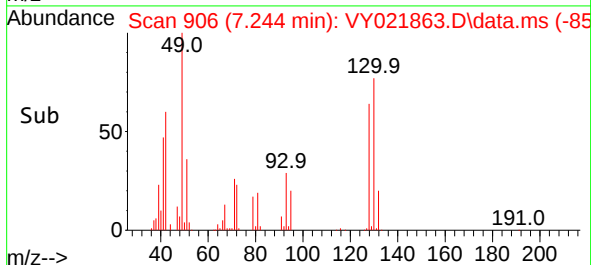
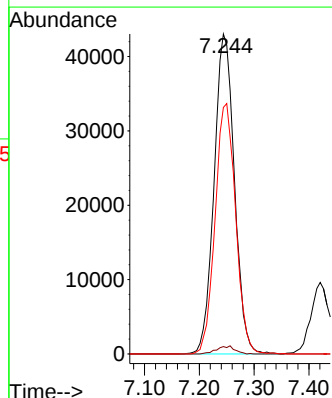
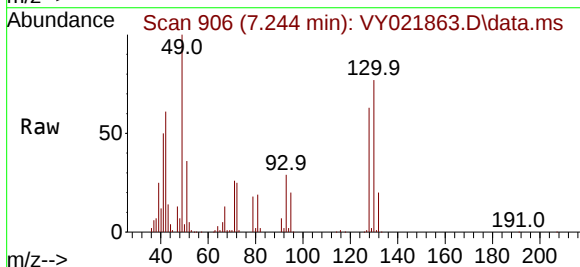
Tgt Ion: 49 Resp: 110853

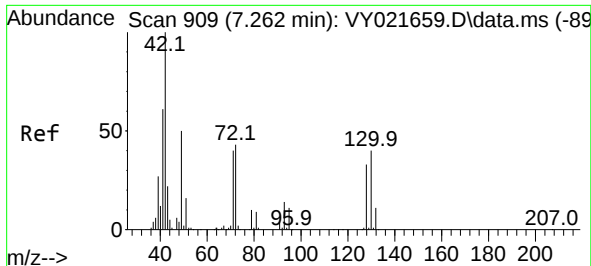
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 79.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 246.687 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

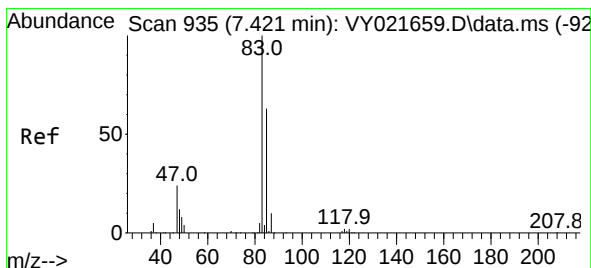
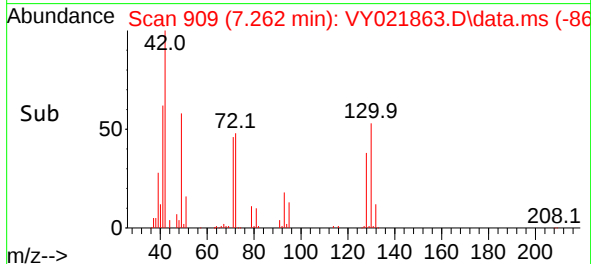
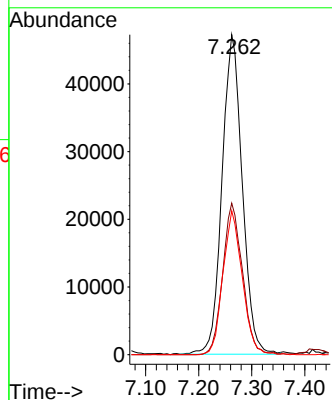
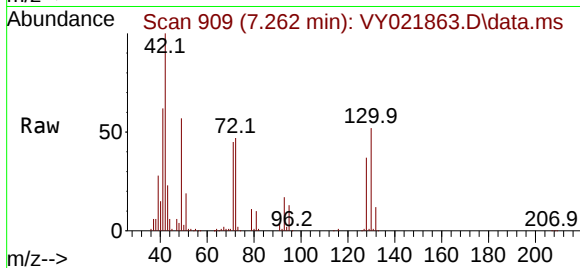
Tgt Ion: 42 Resp: 125191

Ion Ratio Lower Upper

42 100

72 46.2 34.6 52.0

71 43.0 32.5 48.7



#30

Chloroform

Concen: 51.422 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021863.D

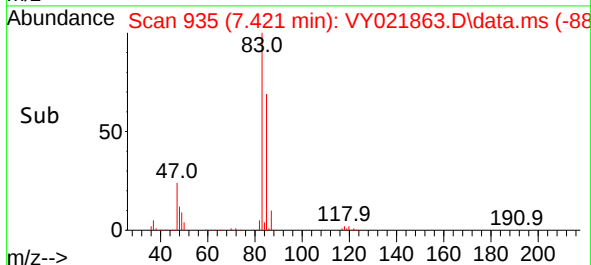
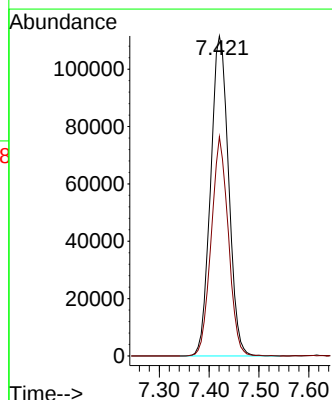
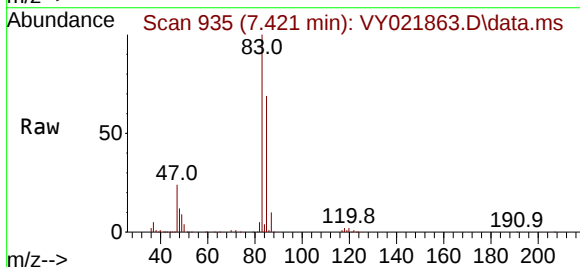
Acq: 11 Apr 2025 16:40

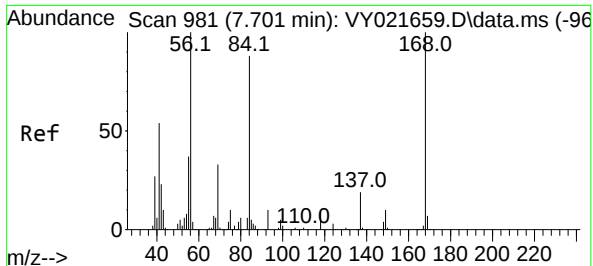
Tgt Ion: 83 Resp: 279332

Ion Ratio Lower Upper

83 100

85 68.5 50.6 75.8

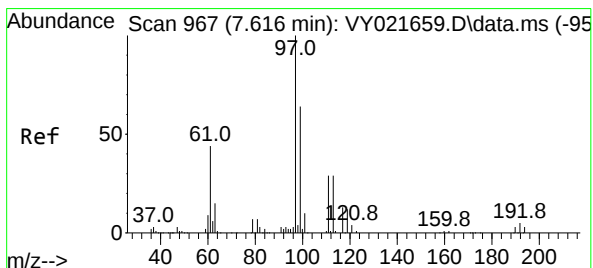
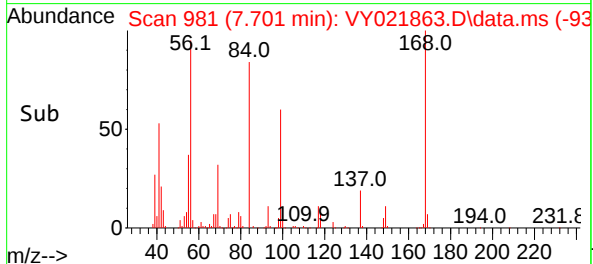
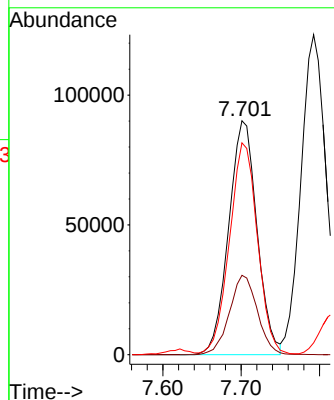
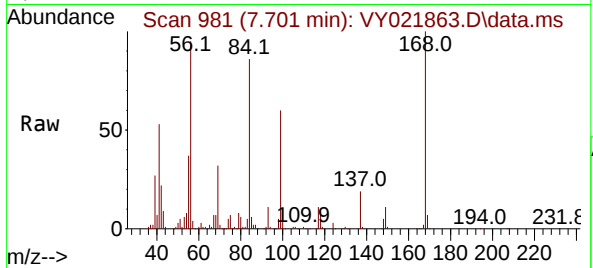




#31
Cyclohexane
Concen: 47.560 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

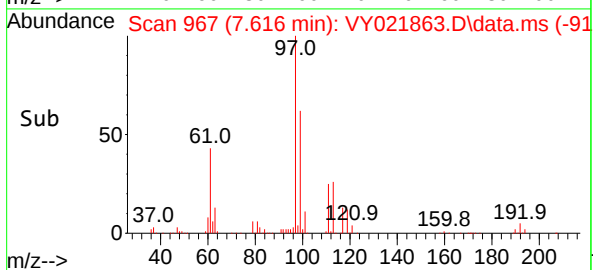
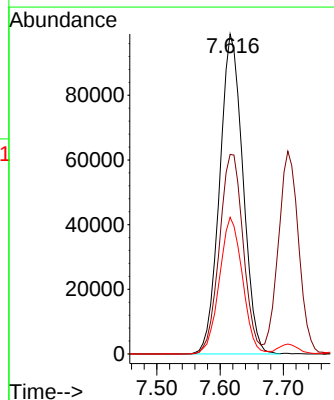
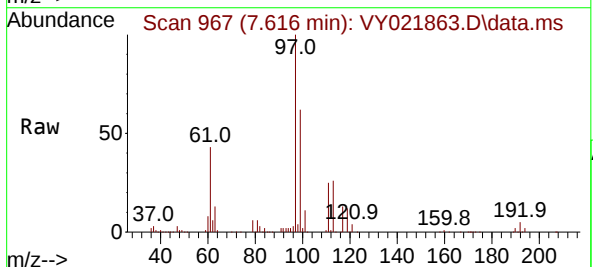
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

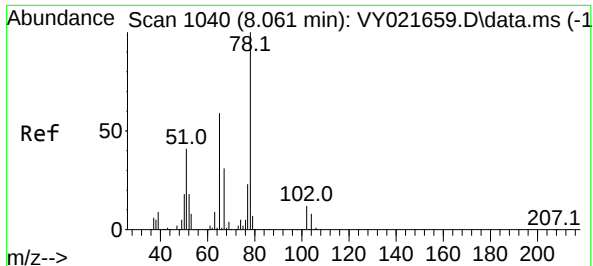
Tgt Ion: 56 Resp: 226431
Ion Ratio Lower Upper
56 100
69 33.9 26.6 40.0
84 88.6 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 51.394 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 97 Resp: 252327
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 42.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.410 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

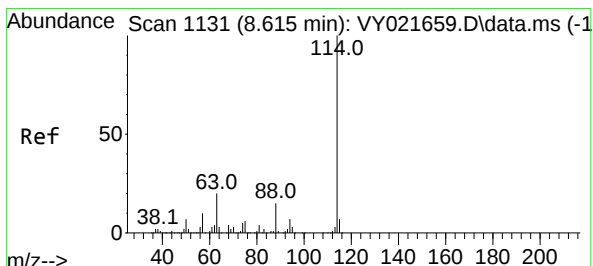
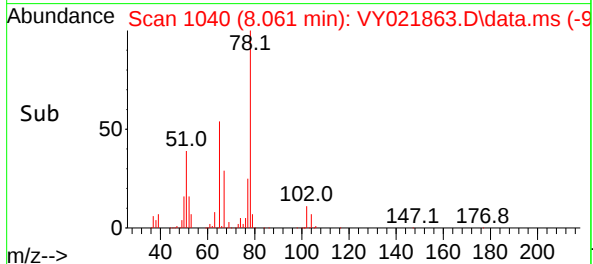
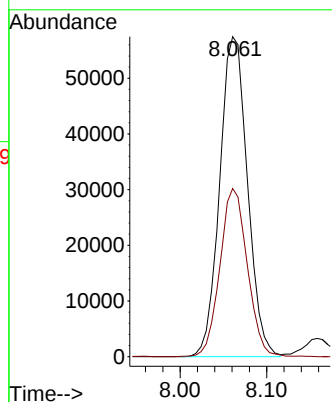
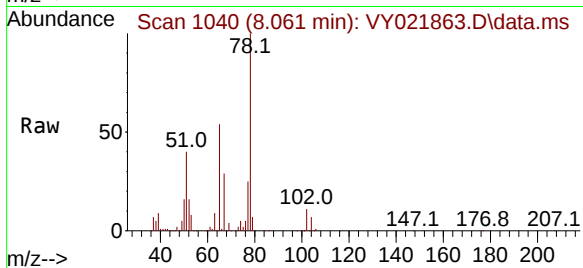
VSTDCCC050EC

Tgt Ion: 65 Resp: 127888

Ion Ratio Lower Upper

65 100

67 51.9 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: VY021863.D

Acq: 11 Apr 2025 16:40

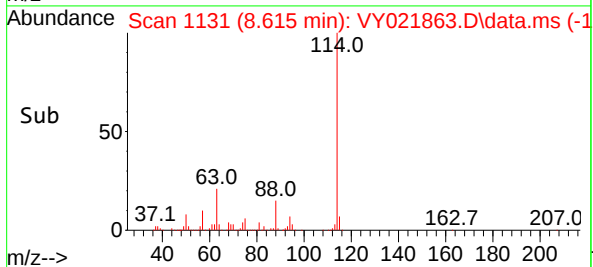
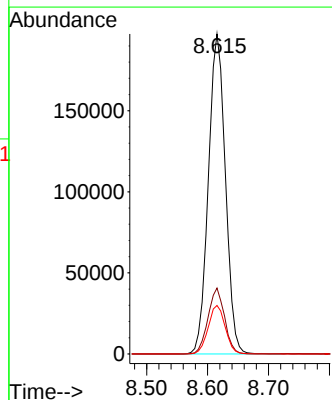
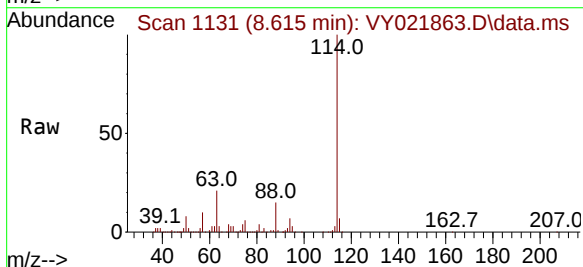
Tgt Ion: 114 Resp: 383813

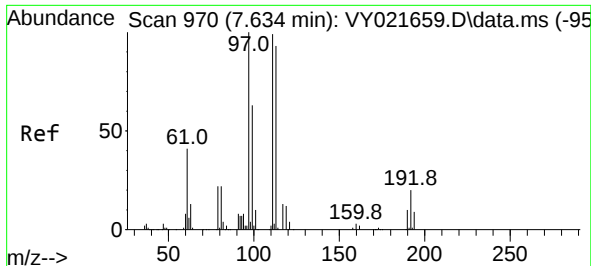
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.1 0.0 29.8

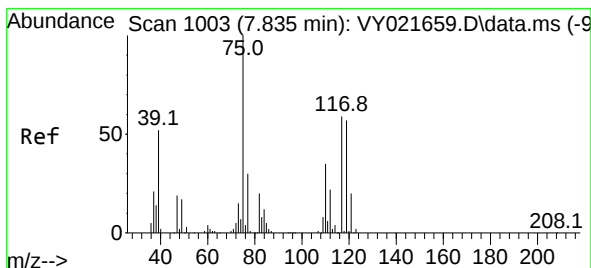
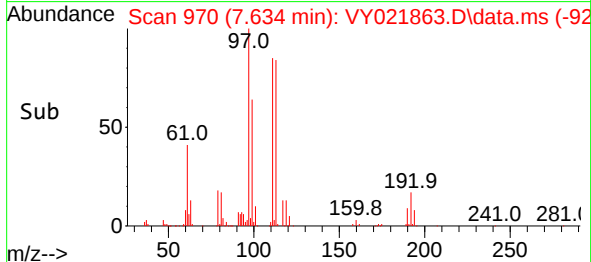
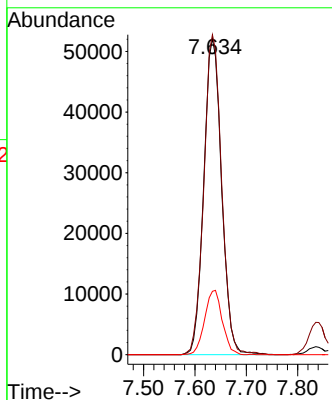
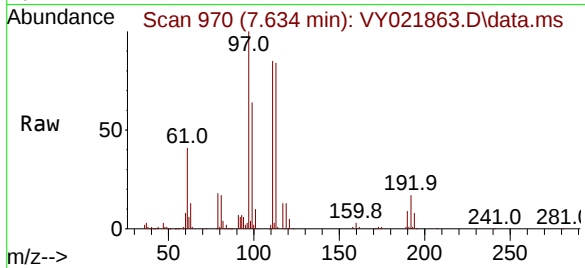




#35
Dibromofluoromethane
Concen: 50.301 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

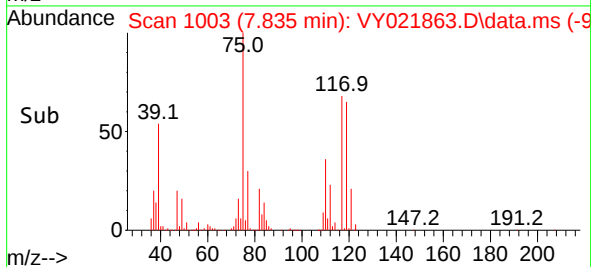
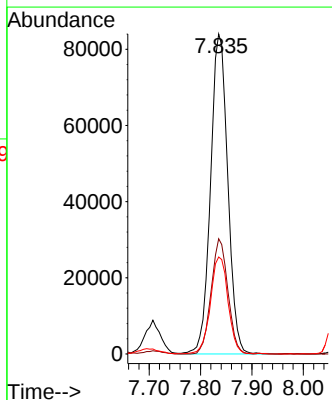
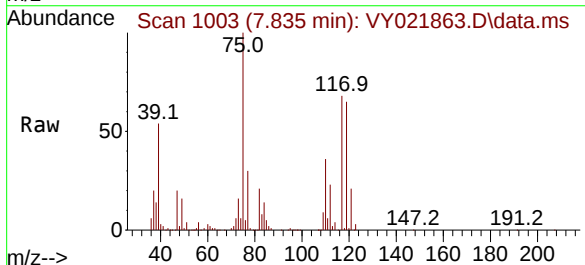
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

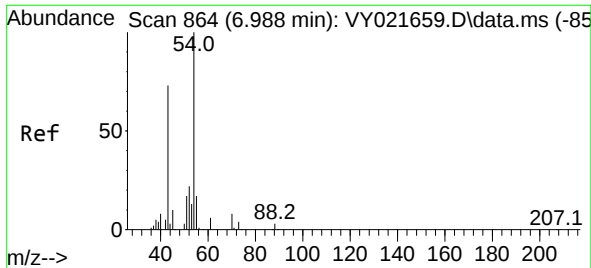
Tgt Ion:113 Resp: 125237
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 51.610 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 75 Resp: 195720
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 30.8 24.8 37.2

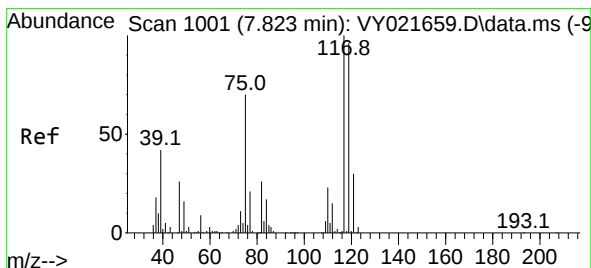
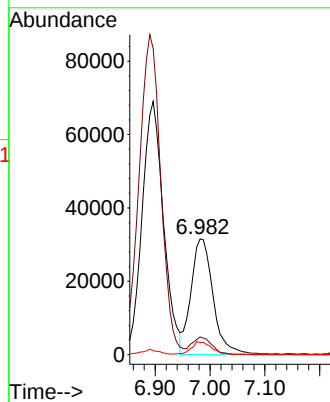
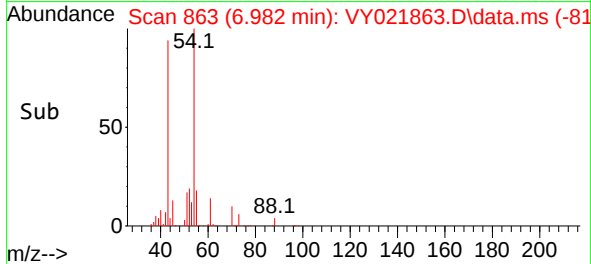
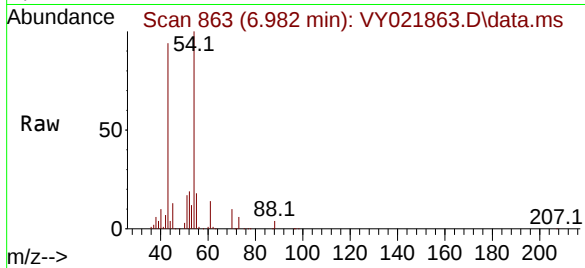




#37
Ethyl Acetate
Concen: 49.319 ug/l
RT: 6.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

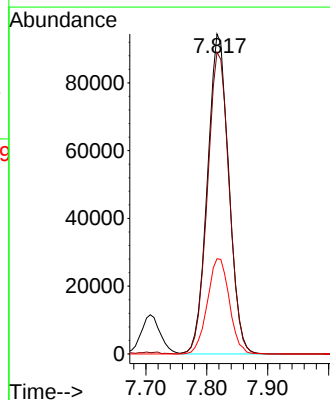
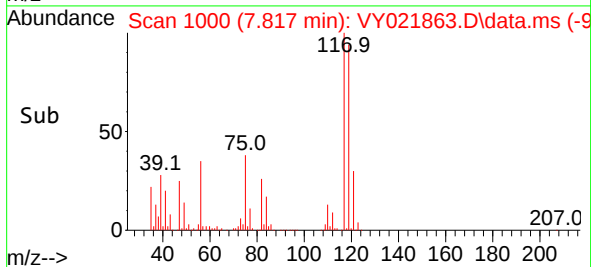
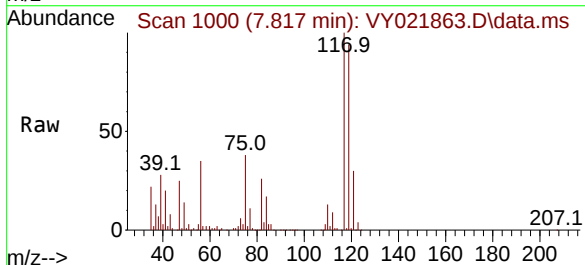
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

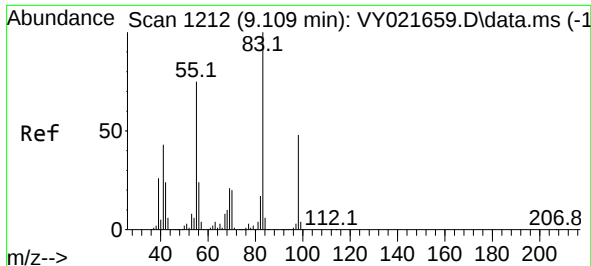
Tgt Ion: 43 Resp: 88268
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 52.983 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 117 Resp: 230129
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
121 29.7 24.2 36.4





#39

Methylcyclohexane

Concen: 52.234 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

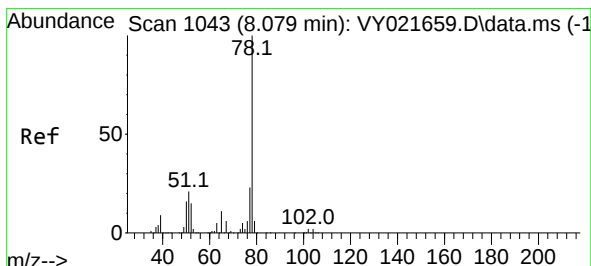
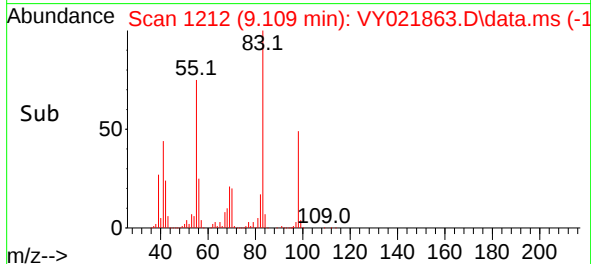
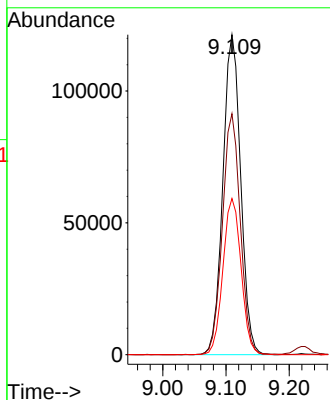
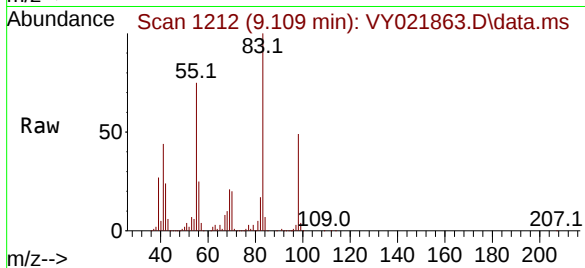
Tgt Ion: 83 Resp: 236631

Ion Ratio Lower Upper

83 100

55 75.3 59.7 89.5

98 48.8 38.3 57.5



#40

Benzene

Concen: 52.528 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021863.D

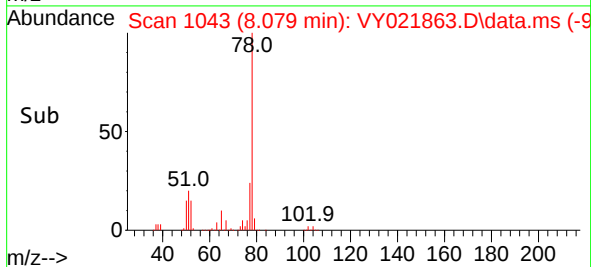
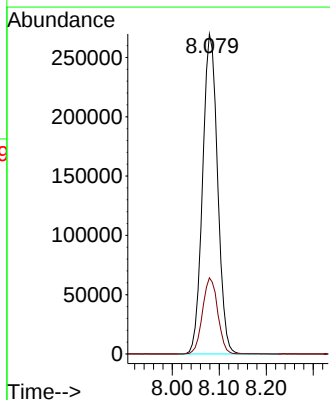
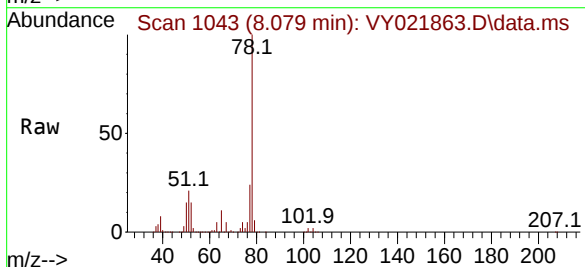
Acq: 11 Apr 2025 16:40

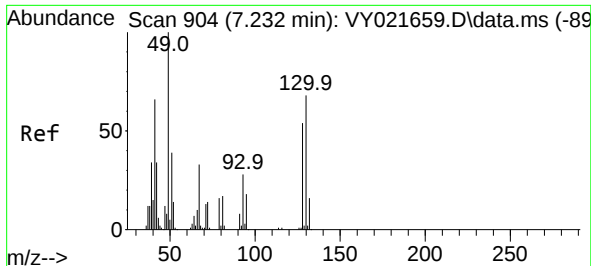
Tgt Ion: 78 Resp: 596553

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

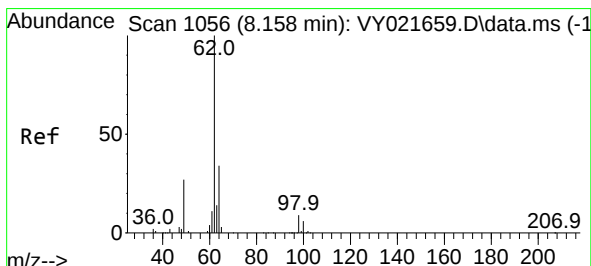
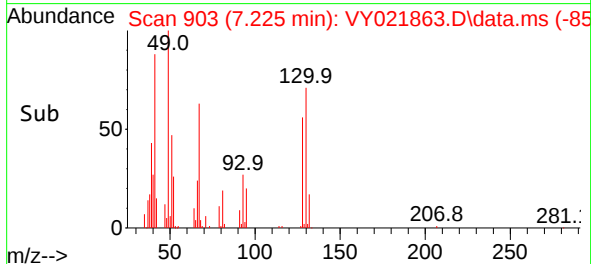
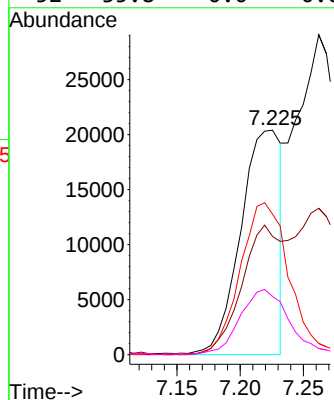
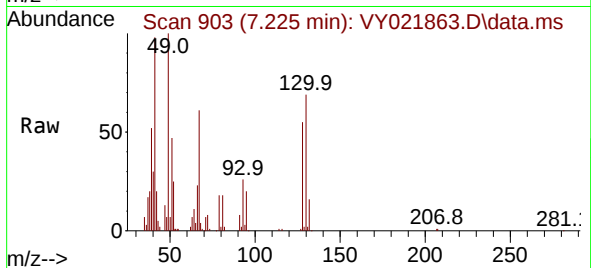




#41
Methacrylonitrile
Concen: 47.664 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

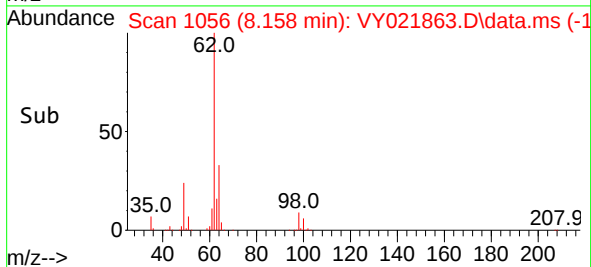
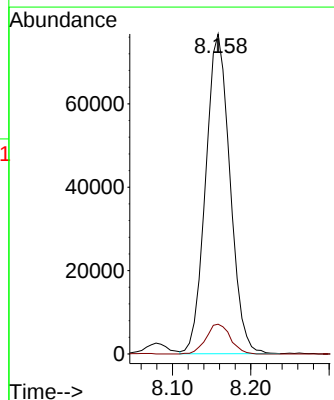
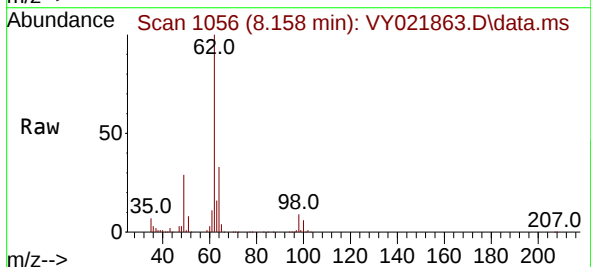
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

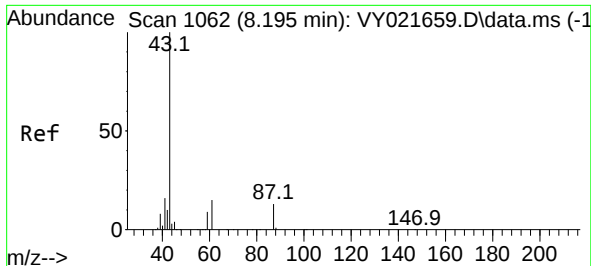
Tgt Ion: 41 Resp: 45303
Ion Ratio Lower Upper
41 100
39 54.7 0.0 0.0#
67 82.6 0.0 0.0#
52 35.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.817 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 62 Resp: 165899
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4

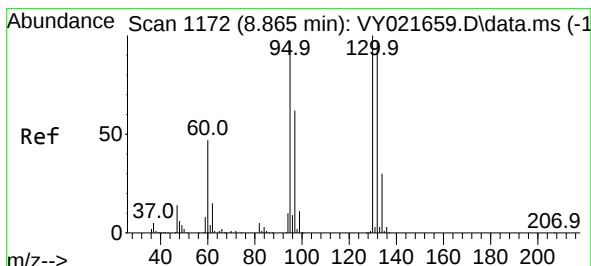
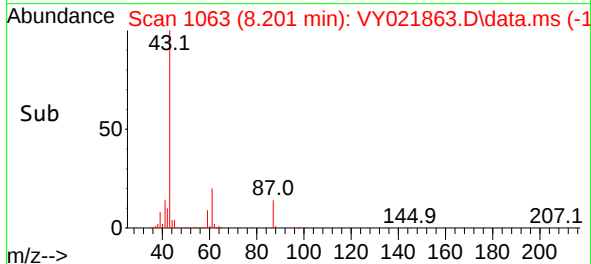
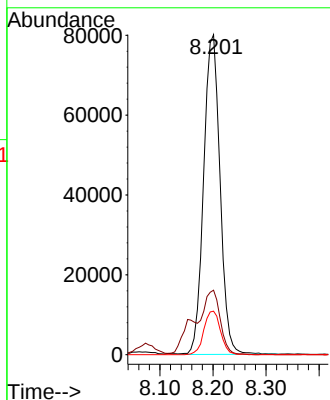
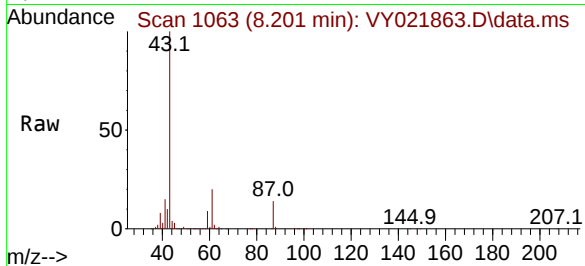




#43
Isopropyl Acetate
Concen: 50.717 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

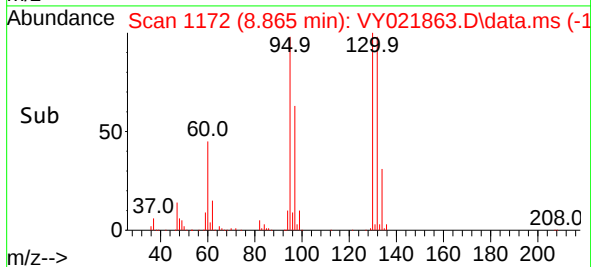
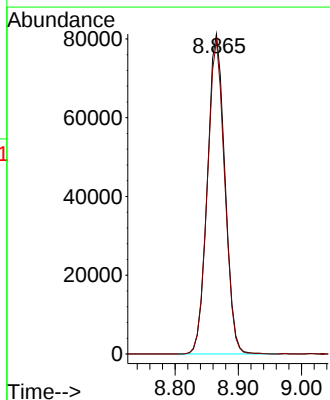
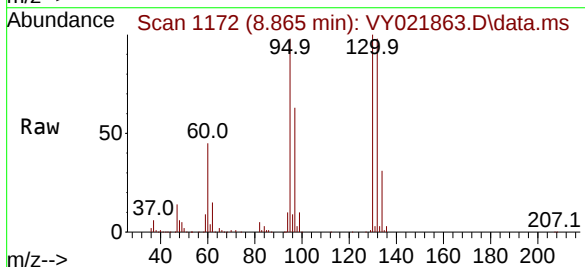
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

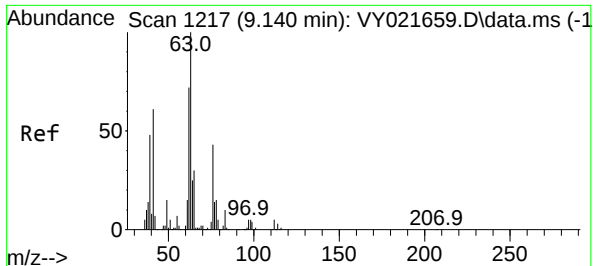
Tgt Ion: 43 Resp: 172013
Ion Ratio Lower Upper
43 100
61 21.1 15.9 23.9
87 13.9 10.4 15.6



#44
Trichloroethene
Concen: 54.016 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion:130 Resp: 156301
Ion Ratio Lower Upper
130 100
95 98.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.072 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

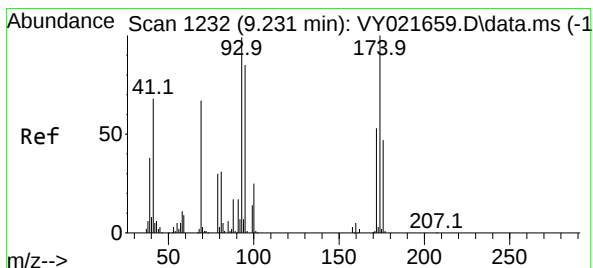
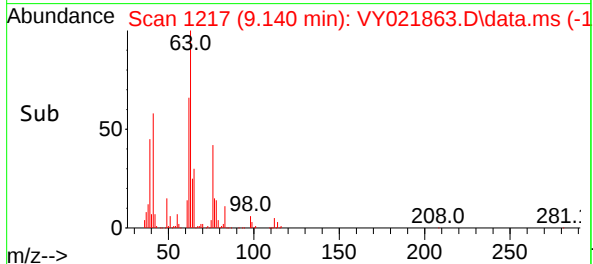
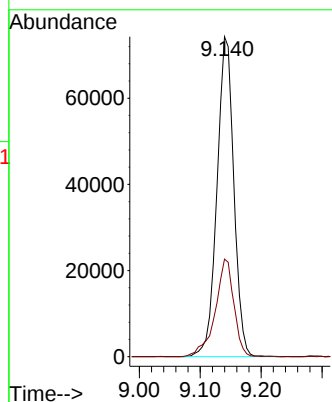
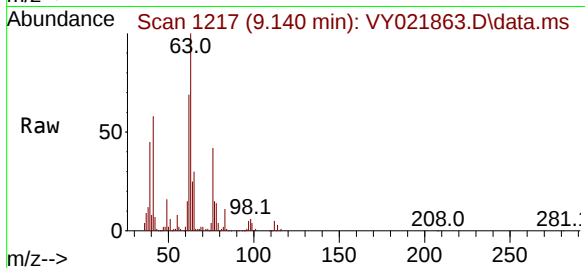
VSTDCCC050EC

Tgt Ion: 63 Resp: 142669

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 53.616 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

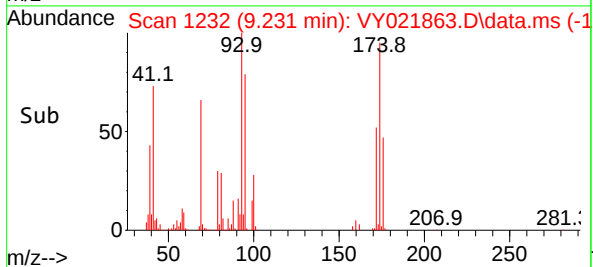
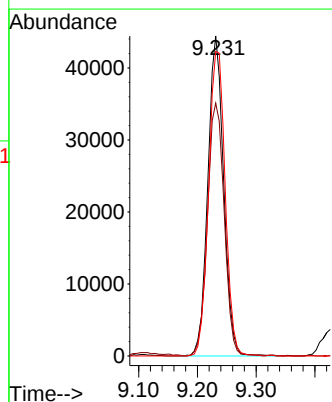
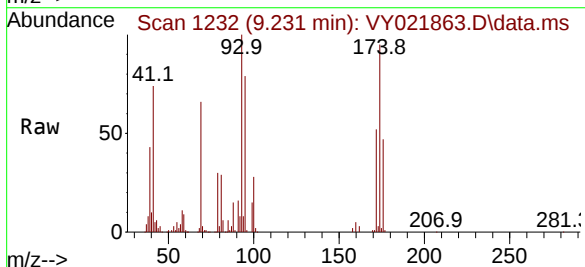
Tgt Ion: 93 Resp: 83067

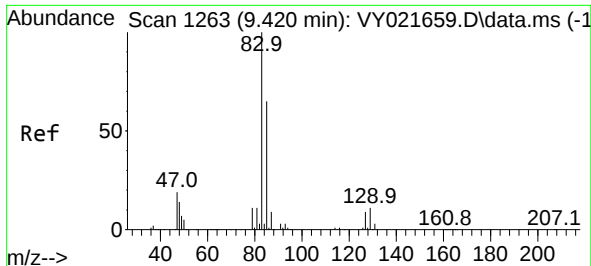
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

174 100.1 80.9 121.3

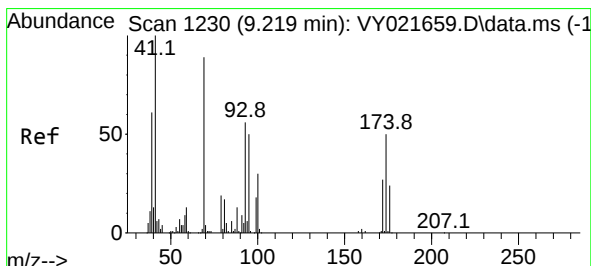
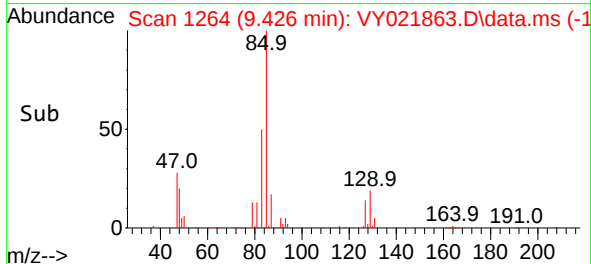
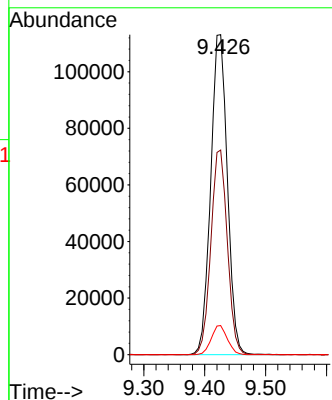
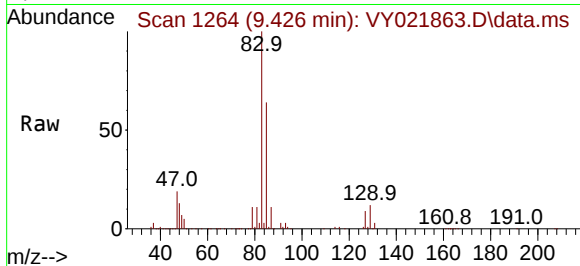




#47
Bromodichloromethane
Concen: 53.493 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

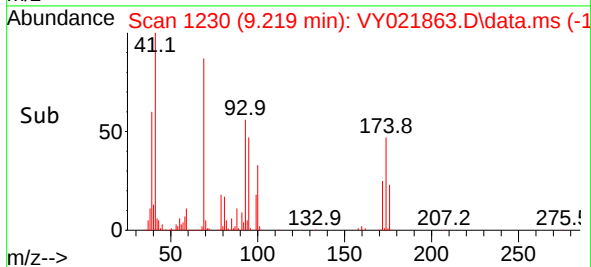
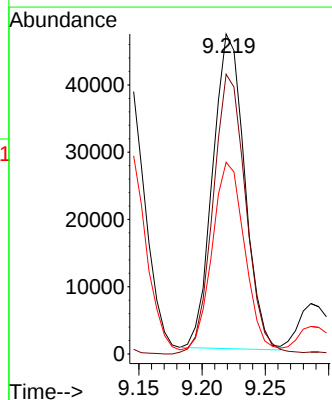
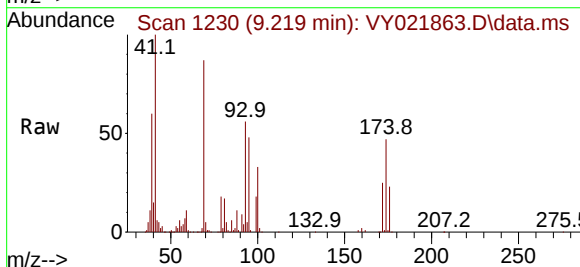
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

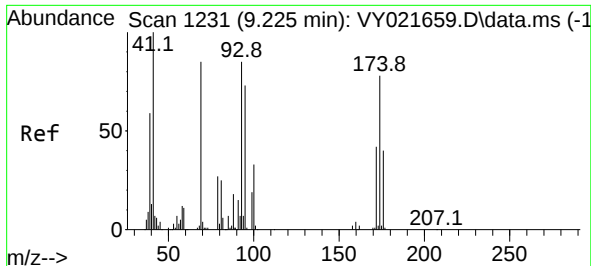
Tgt Ion: 83 Resp: 214746
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 52.727 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 41 Resp: 82077
Ion Ratio Lower Upper
41 100
69 91.3 69.8 104.8
39 60.4 47.2 70.8

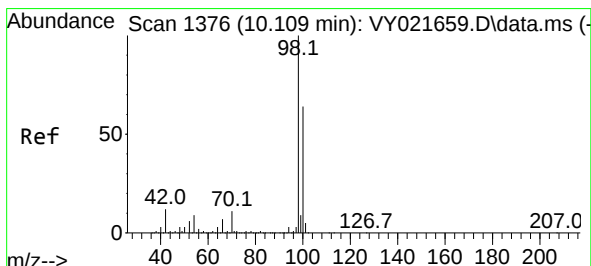
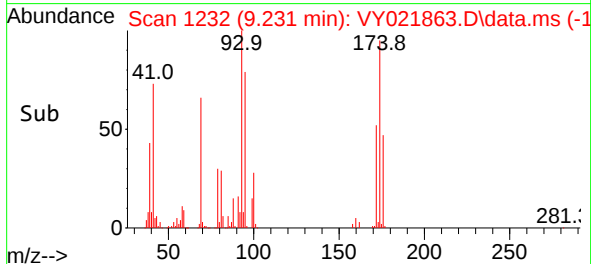
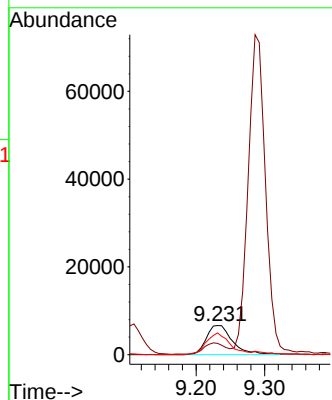
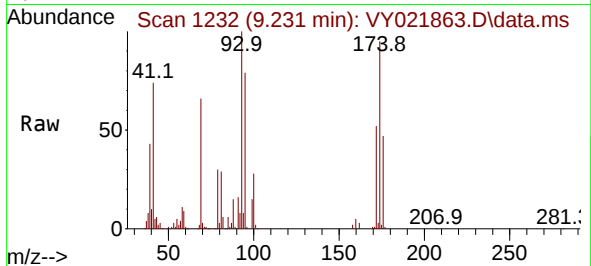




#49
1,4-Dioxane
Concen: 1071.224 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

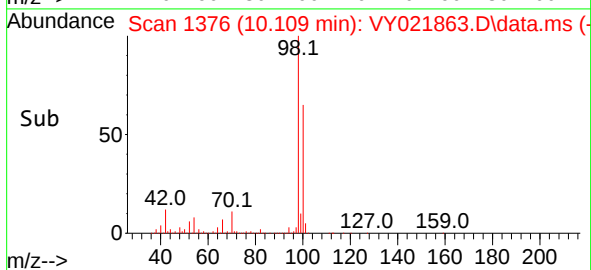
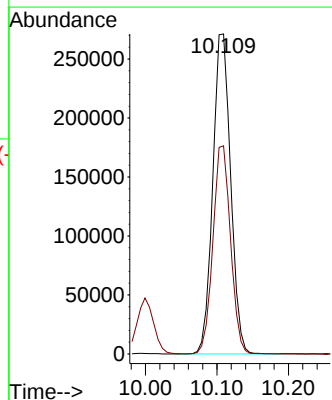
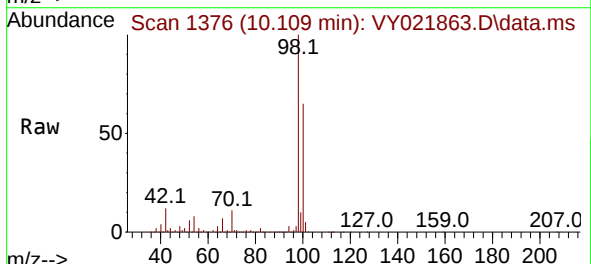
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

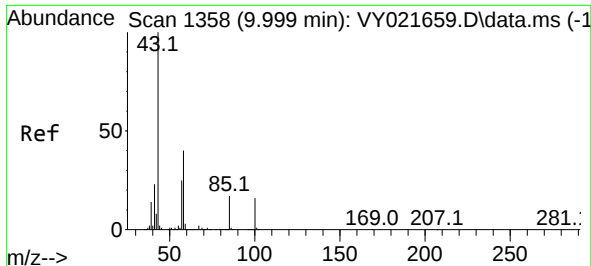
Tgt Ion: 88 Resp: 17779
Ion Ratio Lower Upper
88 100
43 31.3 28.8 43.2
58 66.6 59.4 89.2



#50
Toluene-d8
Concen: 49.633 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 98 Resp: 470108
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 267.493 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

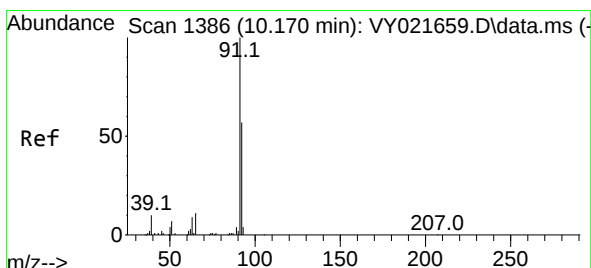
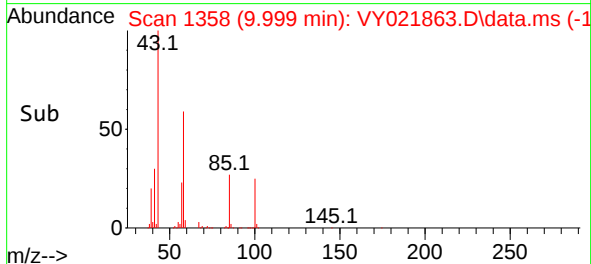
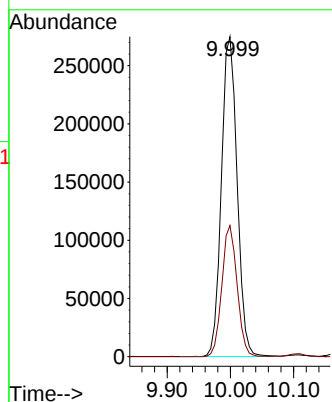
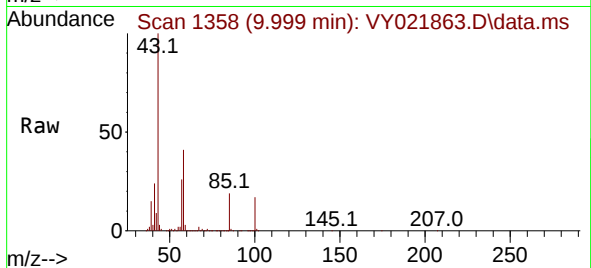
VSTDCCC050EC

Tgt Ion: 43 Resp: 472128

Ion Ratio Lower Upper

43 100

58 39.8 31.5 47.3



#52

Toluene

Concen: 54.154 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021863.D

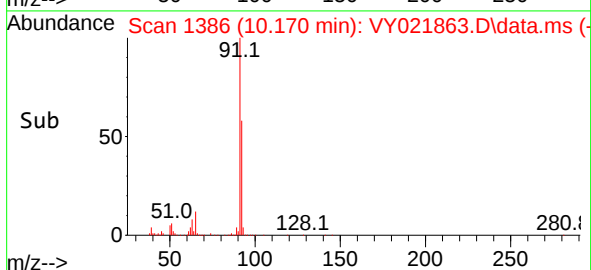
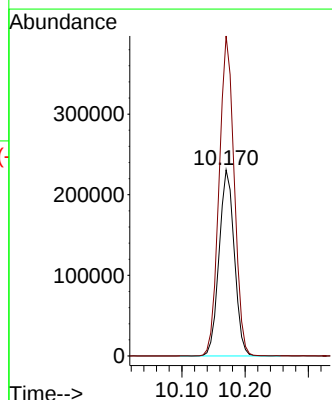
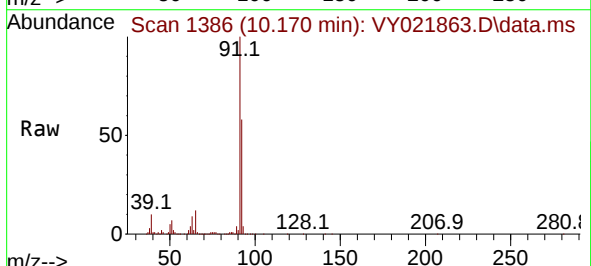
Acq: 11 Apr 2025 16:40

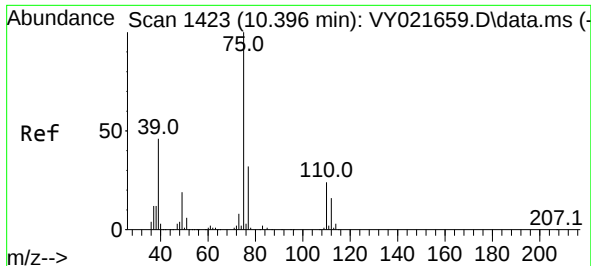
Tgt Ion: 92 Resp: 383715

Ion Ratio Lower Upper

92 100

91 170.6 138.6 207.8

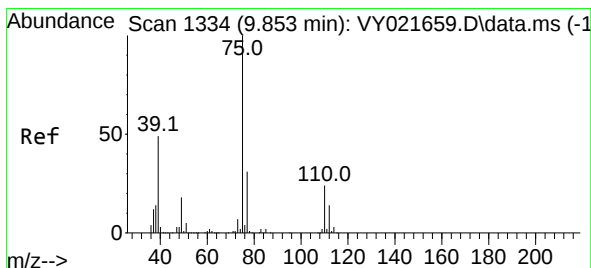
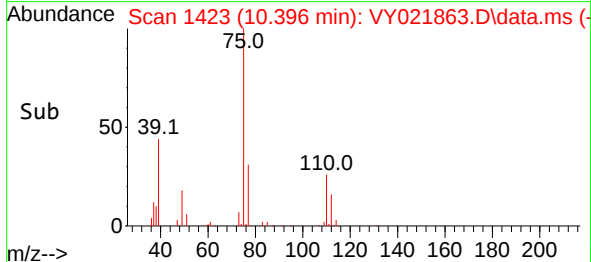
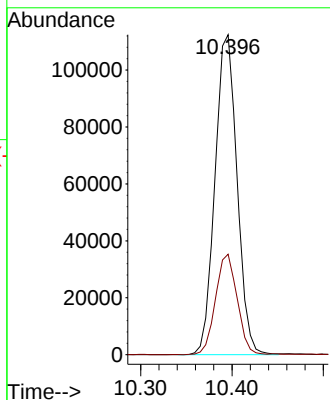
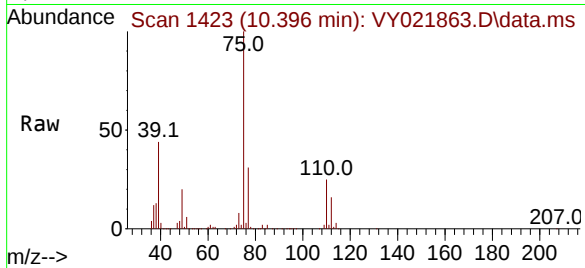




#53
t-1,3-Dichloropropene
Concen: 52.913 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

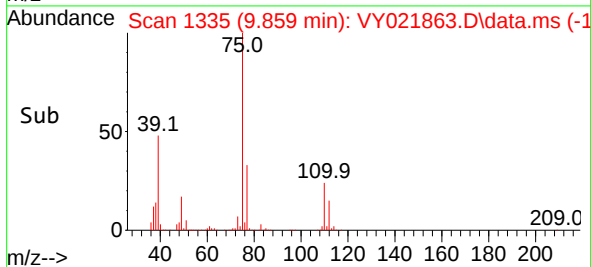
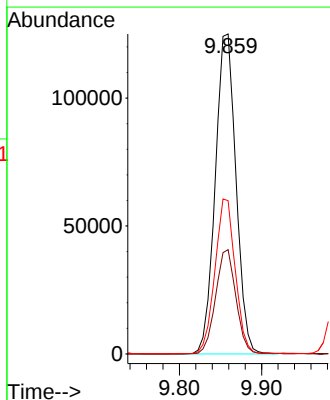
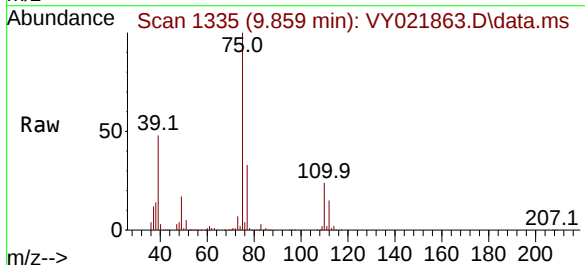
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

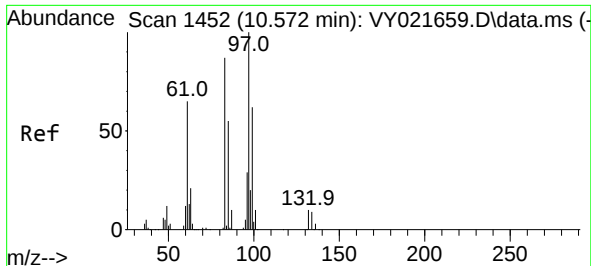
Tgt Ion: 75 Resp: 188674
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 75 Resp: 219434
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3
39 47.8 39.2 58.8

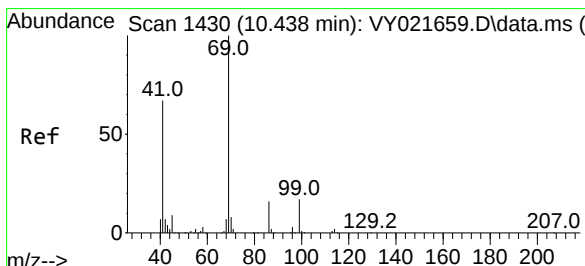
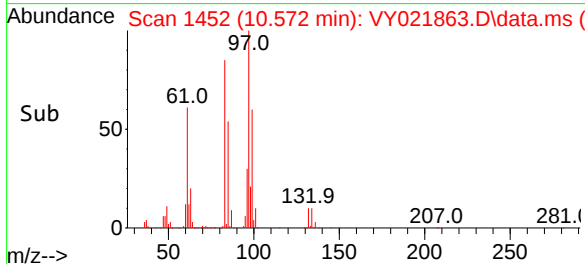
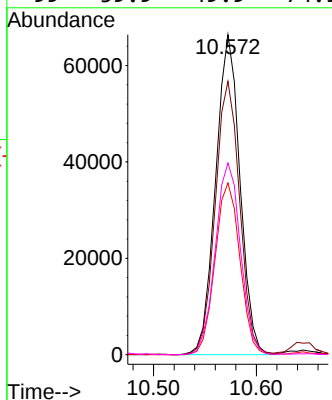
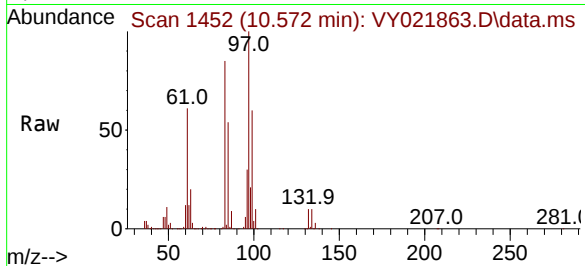




#55
1,1,2-Trichloroethane
Concen: 54.775 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

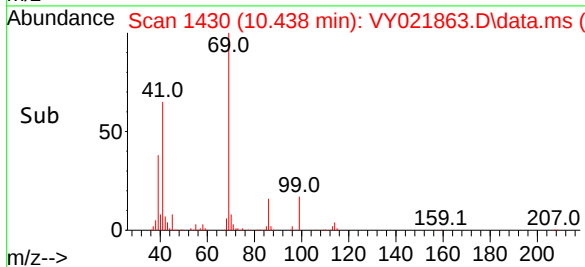
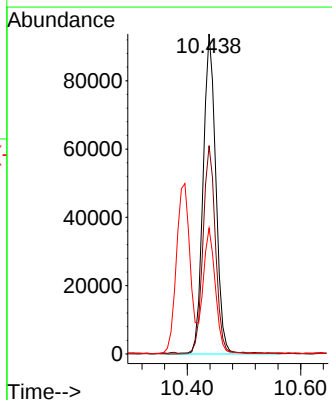
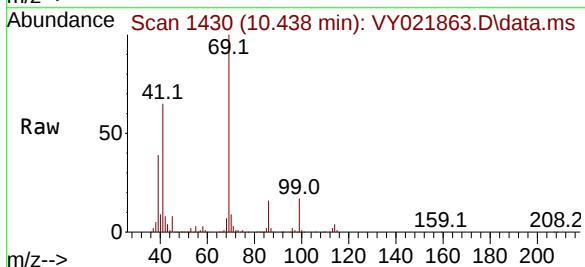
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

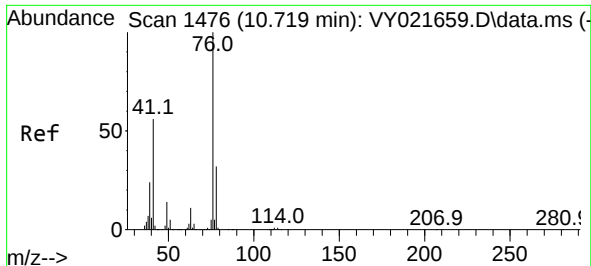
Tgt Ion: 97	Resp: 109209
Ion Ratio	Lower Upper
97 100	
83 85.4	69.5 104.3
85 53.7	43.9 65.9
99 59.9	49.9 74.9



#56
Ethyl methacrylate
Concen: 57.399 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 69	Resp: 146126
Ion Ratio	Lower Upper
69 100	
41 62.9	53.8 80.6
39 36.1	29.6 44.4





#57

1,3-Dichloropropane

Concen: 53.736 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

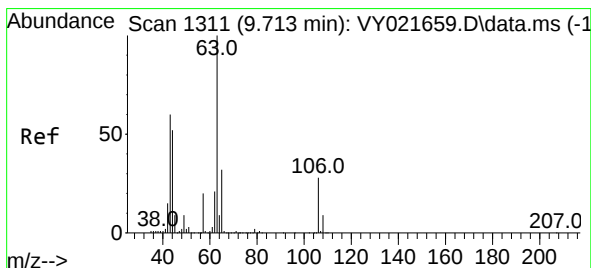
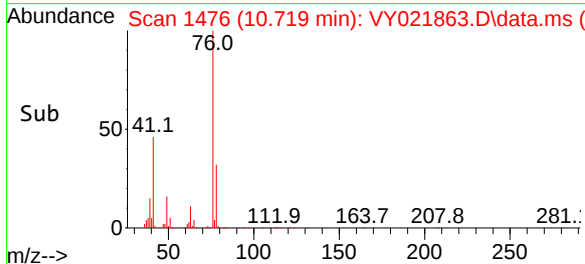
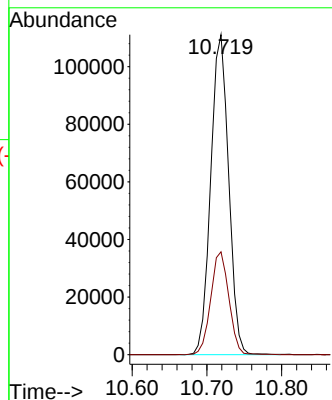
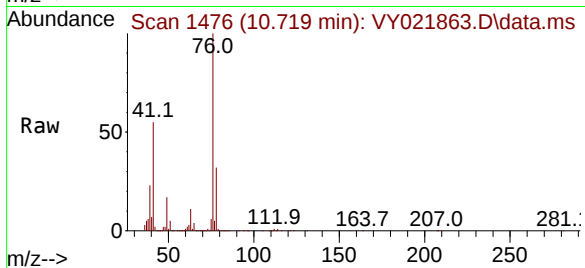
VSTDCCC050EC

Tgt Ion: 76 Resp: 185029

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.776 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021863.D

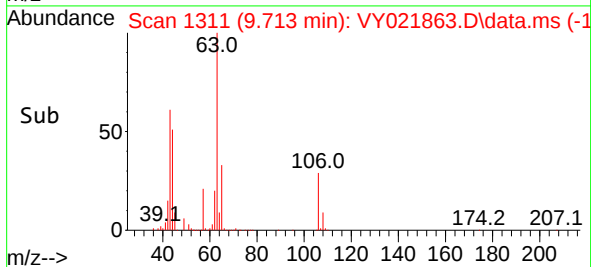
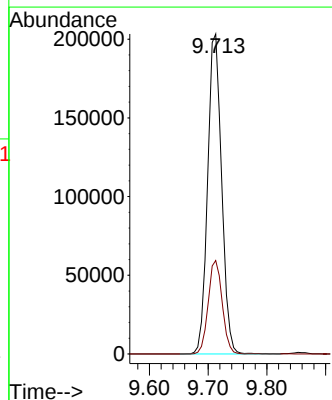
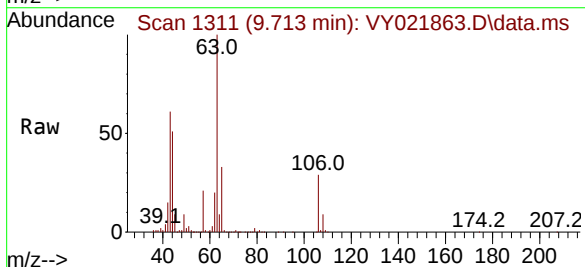
Acq: 11 Apr 2025 16:40

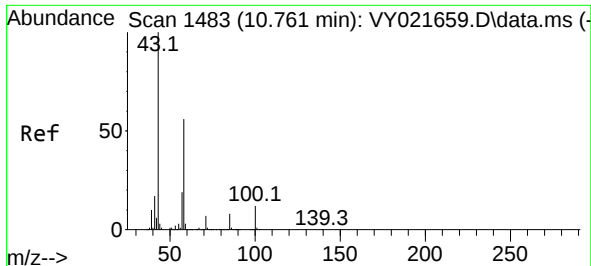
Tgt Ion: 63 Resp: 336283

Ion Ratio Lower Upper

63 100

106 29.2 22.4 33.6





#59

2-Hexanone

Concen: 269.597 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

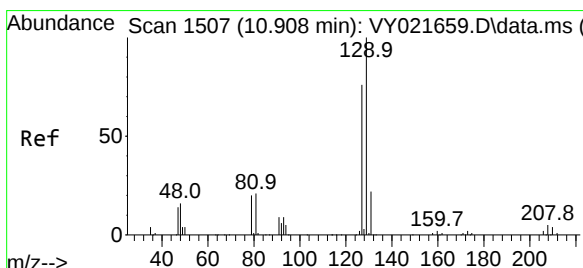
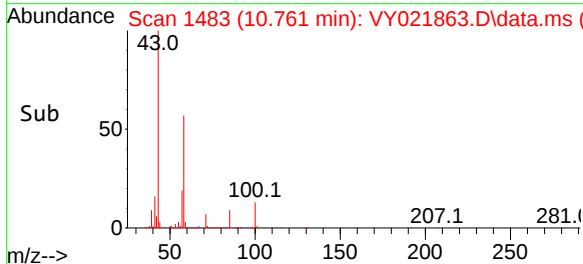
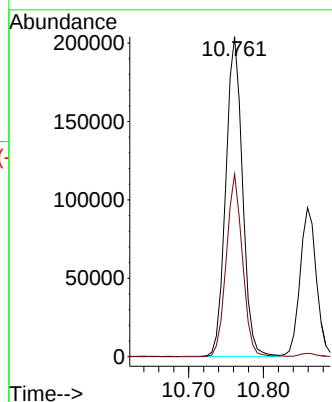
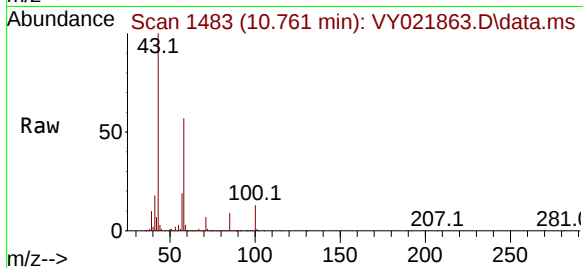
VSTDCCC050EC

Tgt Ion: 43 Resp: 316903

Ion Ratio Lower Upper

43 100

58 55.3 27.2 81.5



#60

Dibromochloromethane

Concen: 54.856 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021863.D

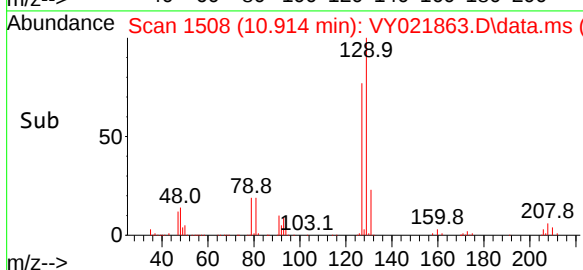
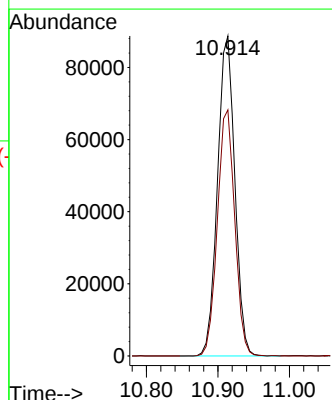
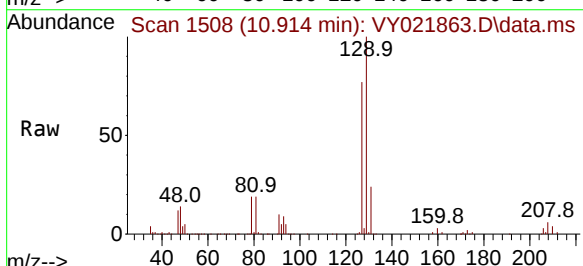
Acq: 11 Apr 2025 16:40

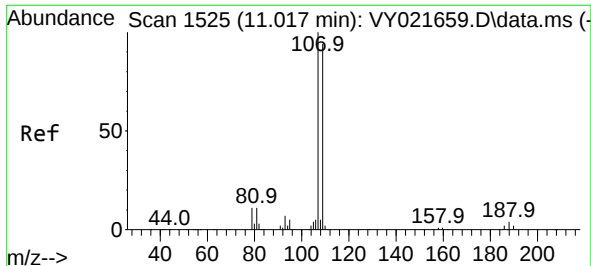
Tgt Ion:129 Resp: 149326

Ion Ratio Lower Upper

129 100

127 77.2 38.6 115.7

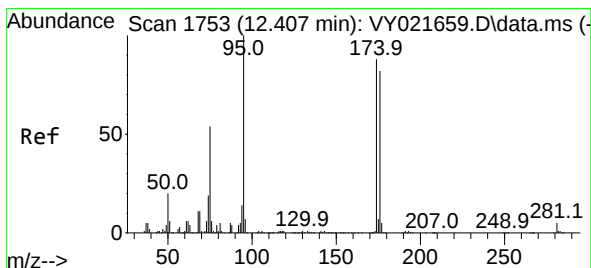
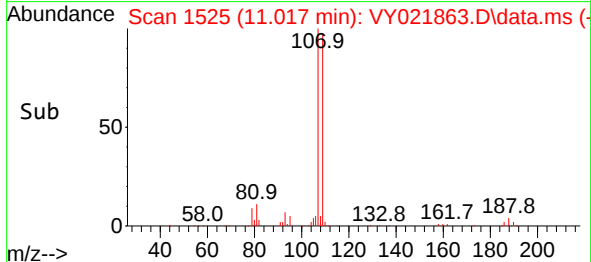
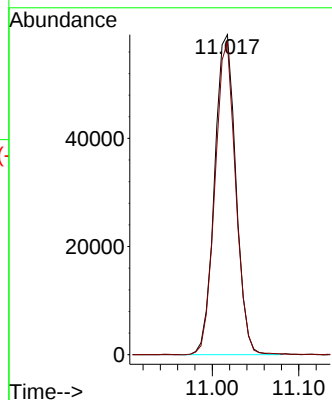
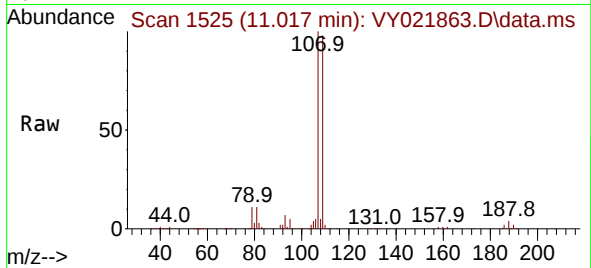




#61
1,2-Dibromoethane
Concen: 53.974 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

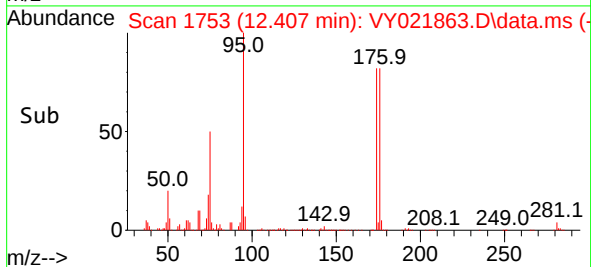
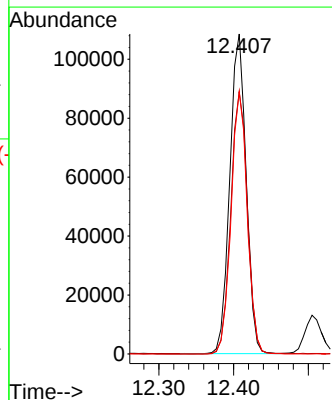
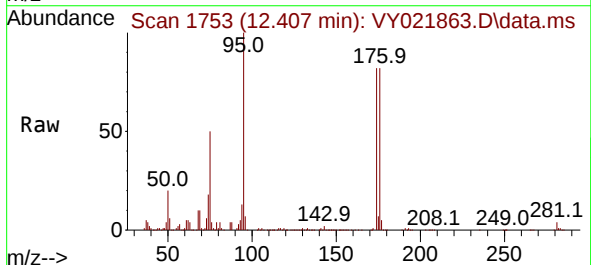
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

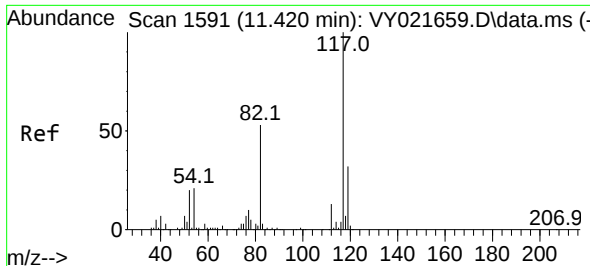
Tgt Ion:107 Resp: 100948
Ion Ratio Lower Upper
107 100
109 95.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.585 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 95 Resp: 165267
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 80.9 0.0 162.0

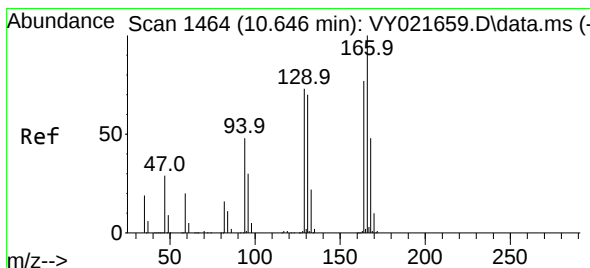
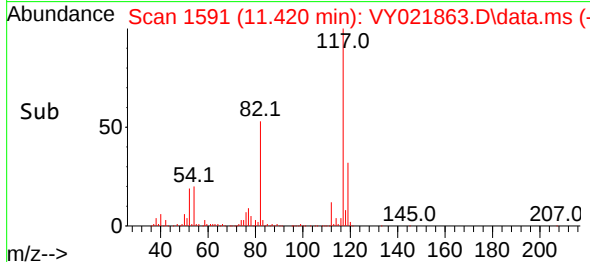
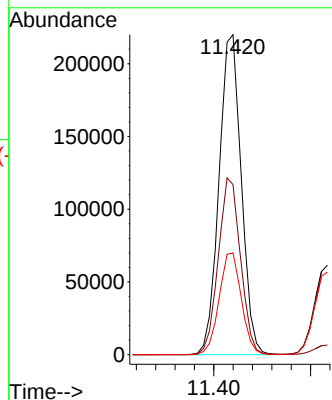
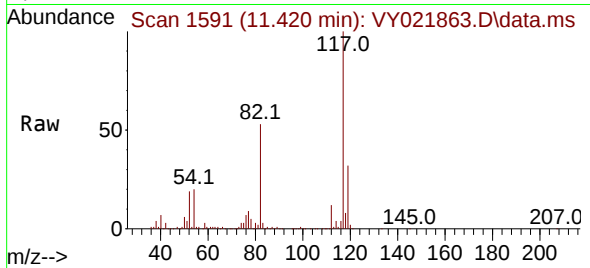




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

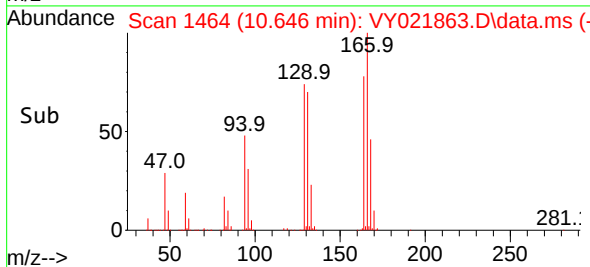
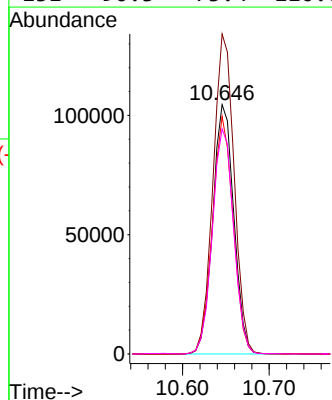
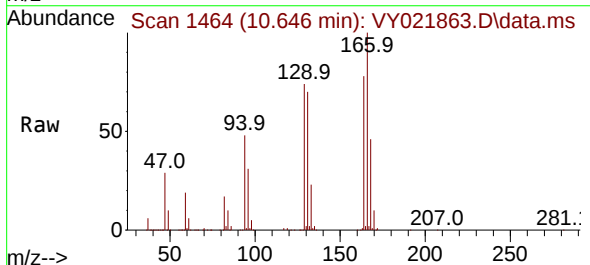
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

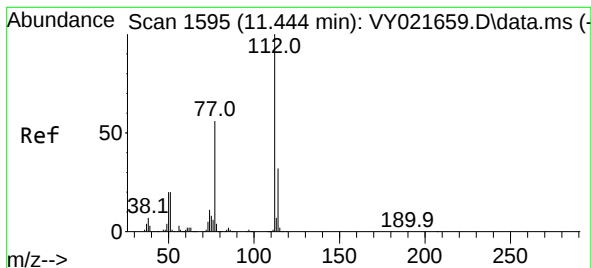
Tgt Ion:117 Resp: 351068
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 55.101 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion:164 Resp: 176183
Ion Ratio Lower Upper
164 100
166 128.4 104.6 156.8
129 95.3 76.6 114.8
131 90.3 73.4 110.0





#65

Chlorobenzene

Concen: 52.130 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

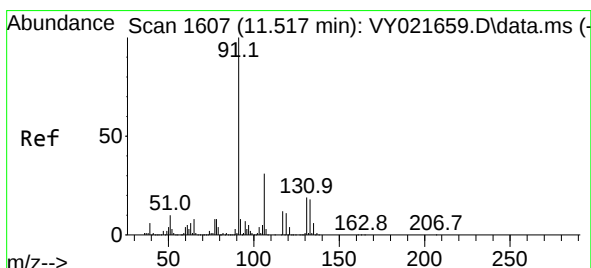
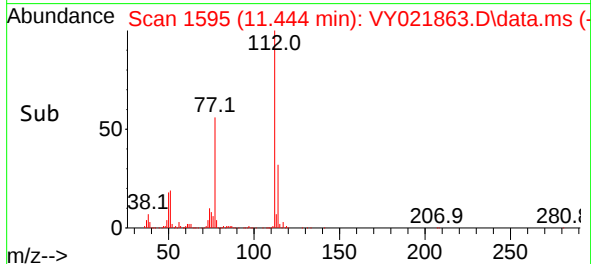
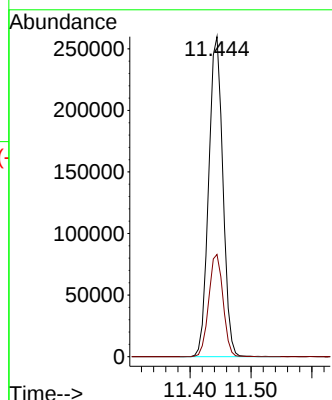
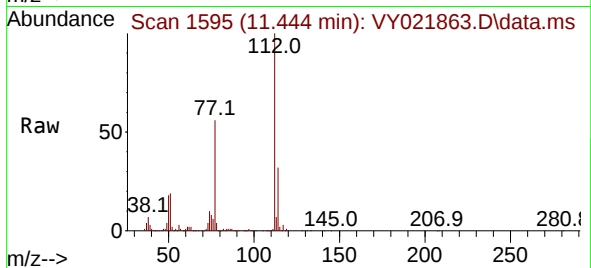
VSTDCCC050EC

Tgt Ion:112 Resp: 419527

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.787 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

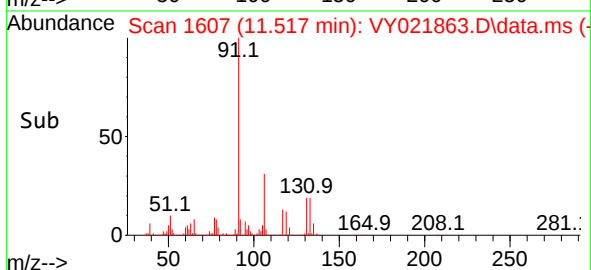
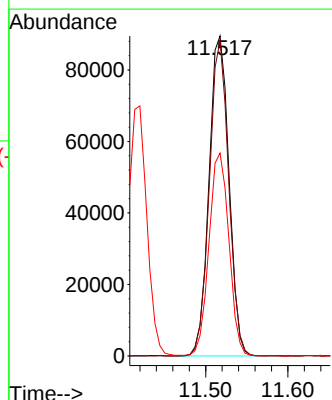
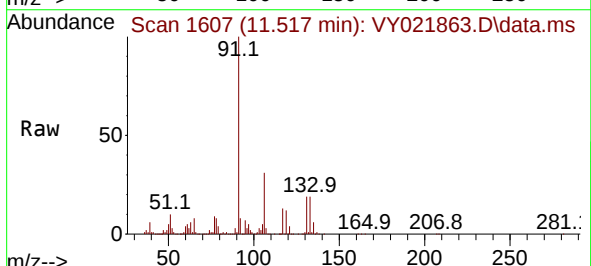
Tgt Ion:131 Resp: 150724

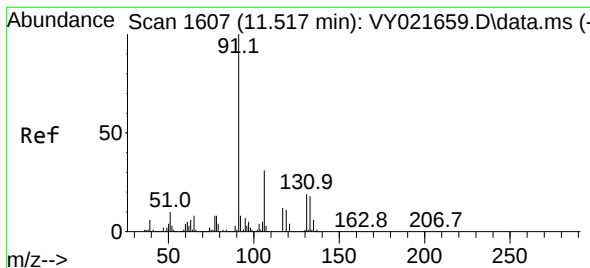
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 63.4 31.6 95.0





#67

Ethyl Benzene

Concen: 52.996 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

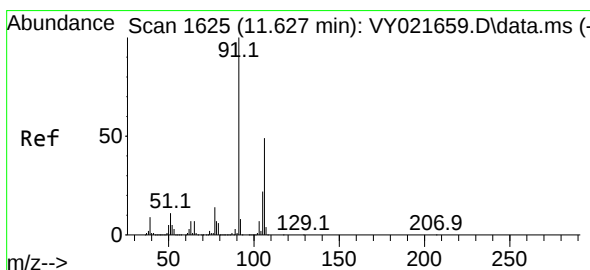
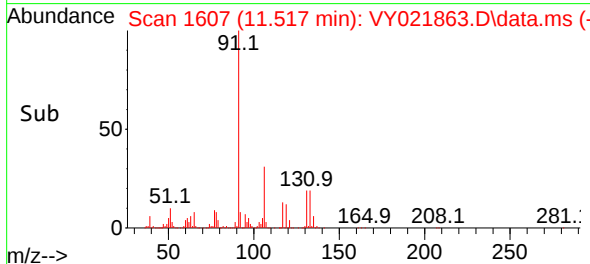
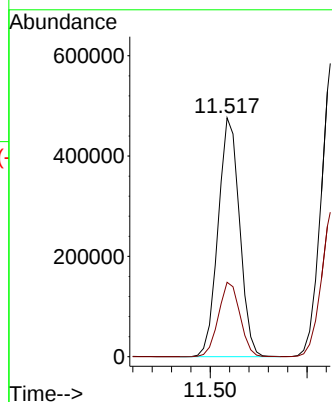
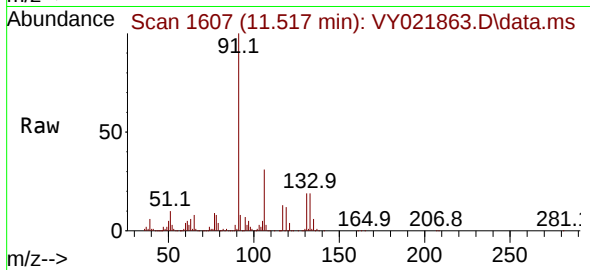
VSTDCCC050EC

Tgt Ion: 91 Resp: 731336

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 107.989 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021863.D

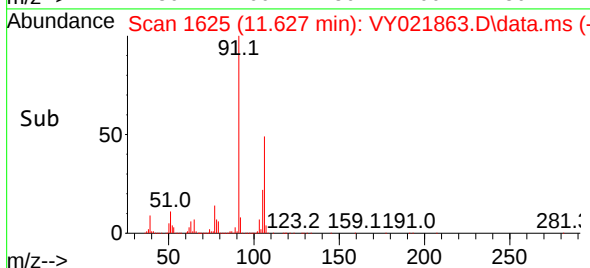
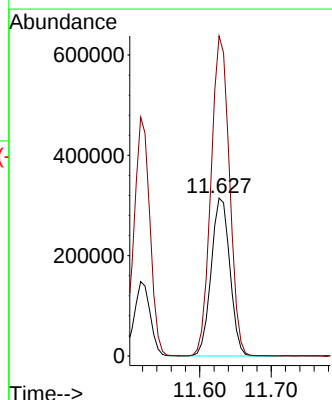
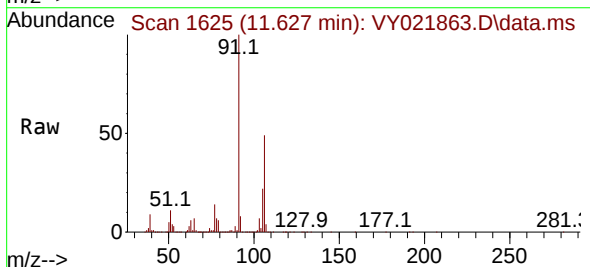
Acq: 11 Apr 2025 16:40

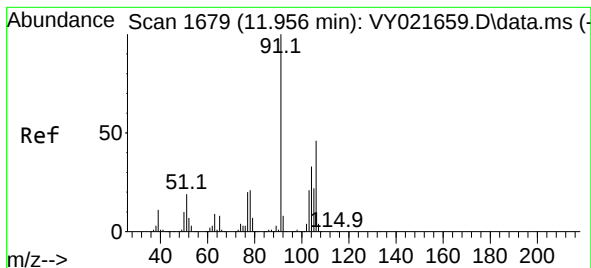
Tgt Ion:106 Resp: 570656

Ion Ratio Lower Upper

106 100

91 200.4 162.4 243.6





#69

o-Xylene

Concen: 54.070 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

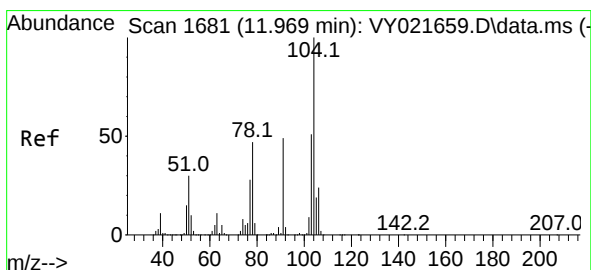
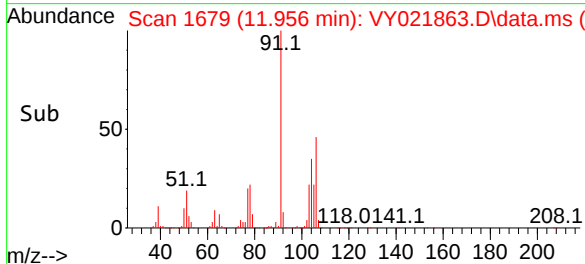
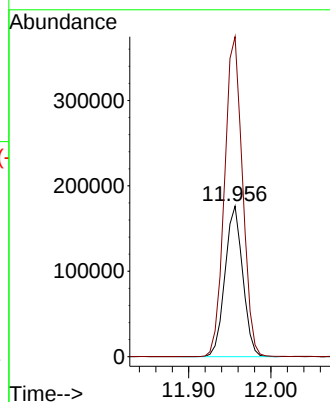
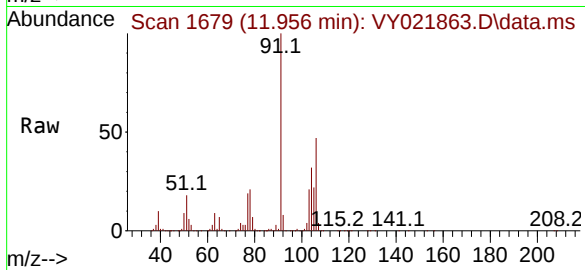
VSTDCCC050EC

Tgt Ion:106 Resp: 263746

Ion Ratio Lower Upper

106 100

91 215.6 106.7 319.9



#70

Styrene

Concen: 55.817 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

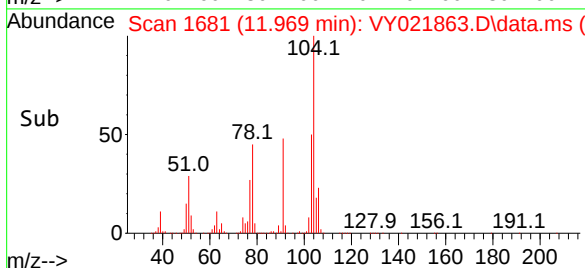
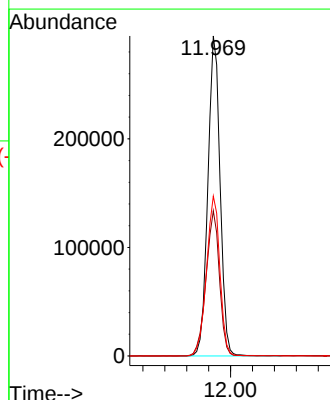
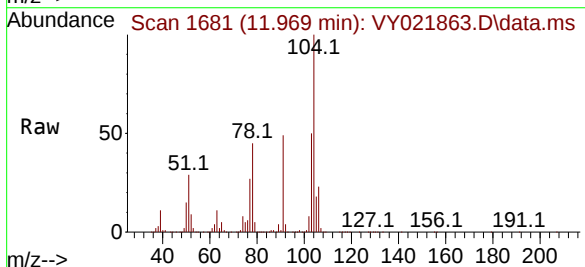
Tgt Ion:104 Resp: 453964

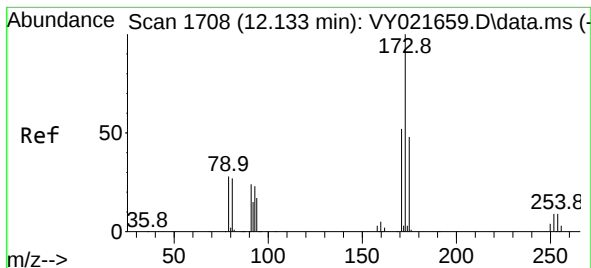
Ion Ratio Lower Upper

104 100

78 49.5 40.8 61.2

103 54.6 44.2 66.2





#71

Bromoform

Concen: 53.505 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

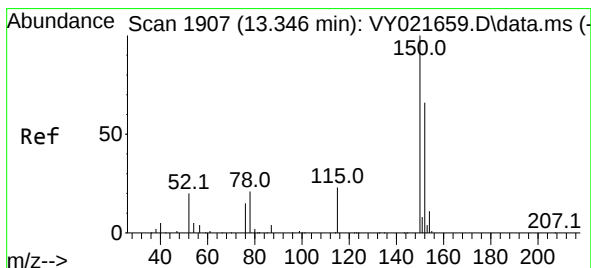
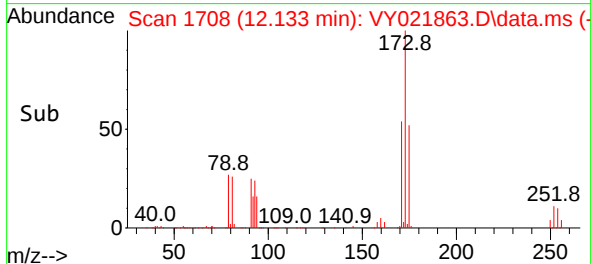
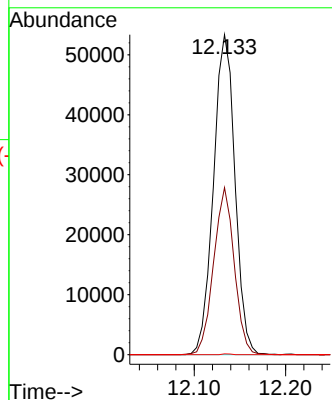
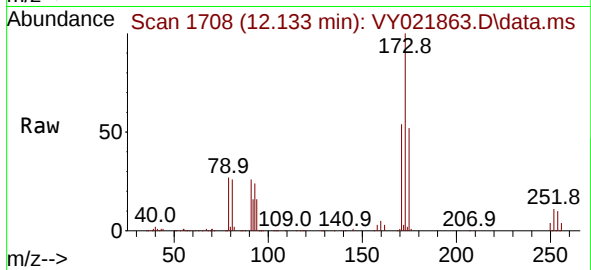
Tgt Ion:173 Resp: 87144

Ion Ratio Lower Upper

173 100

175 50.2 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

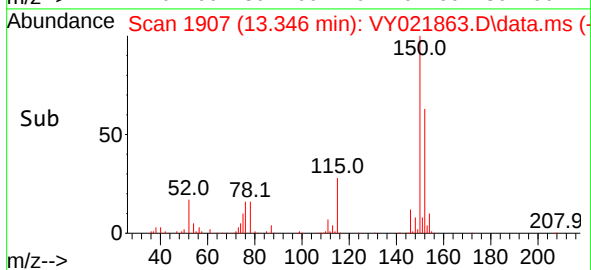
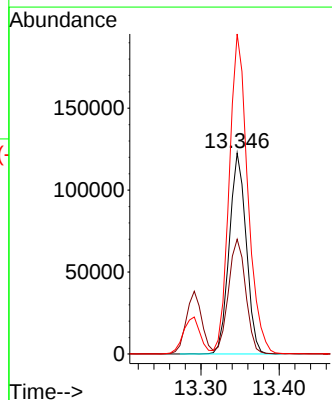
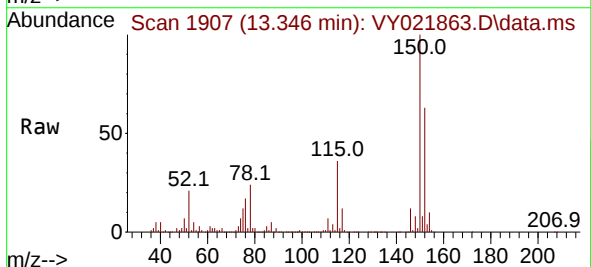
Tgt Ion:152 Resp: 183704

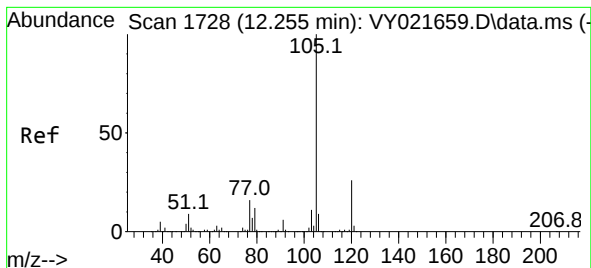
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 174.9 0.0 348.4





#73

Isopropylbenzene

Concen: 51.647 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

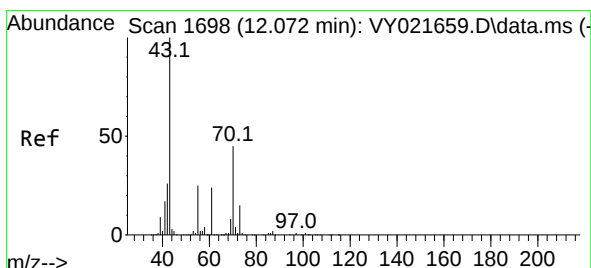
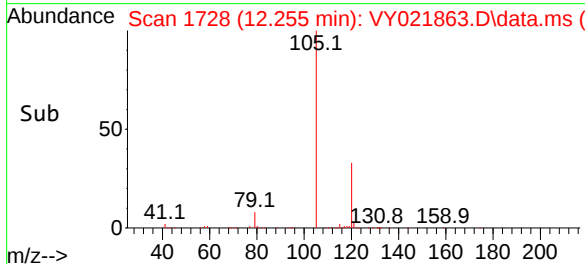
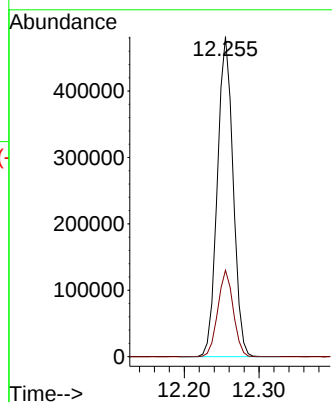
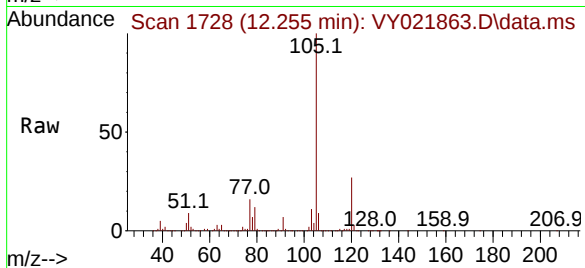
VSTDCCC050EC

Tgt Ion:105 Resp: 704687

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 50.212 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Tgt Ion: 43 Resp: 160790

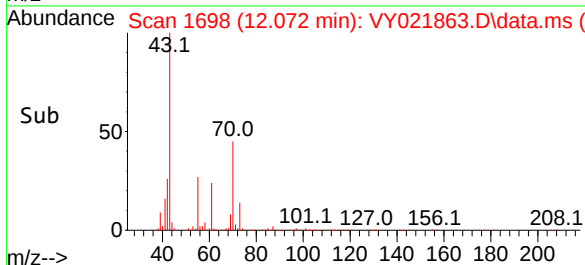
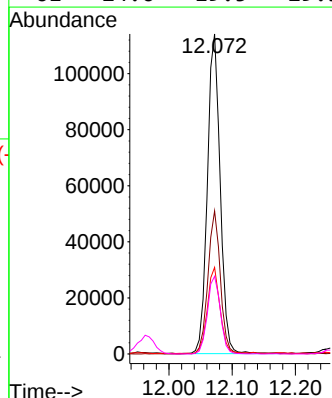
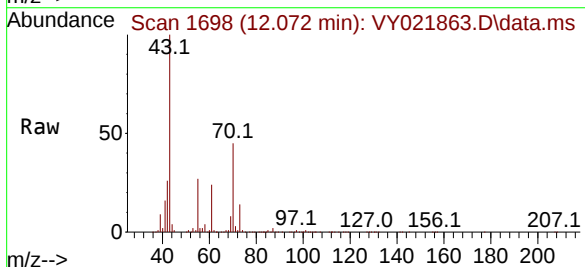
Ion Ratio Lower Upper

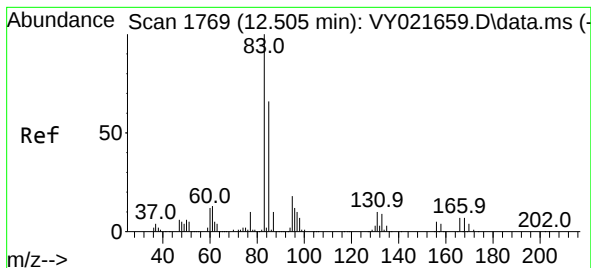
43 100

70 43.6 34.7 52.1

55 26.5 21.2 31.8

61 24.6 19.5 29.3

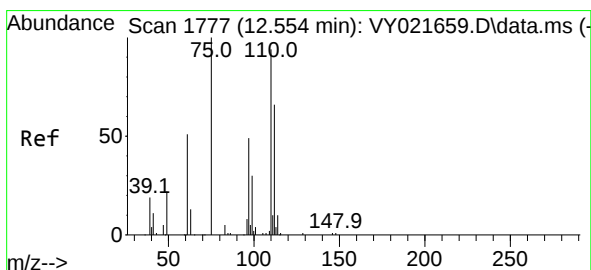
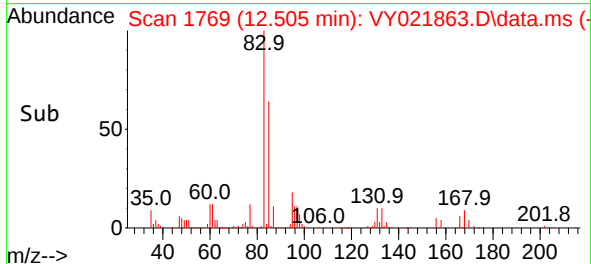
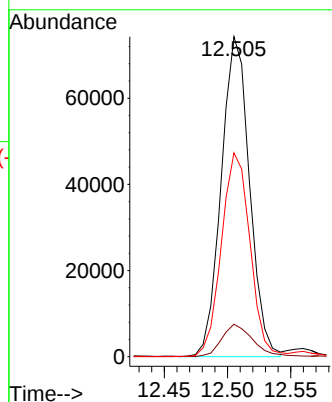
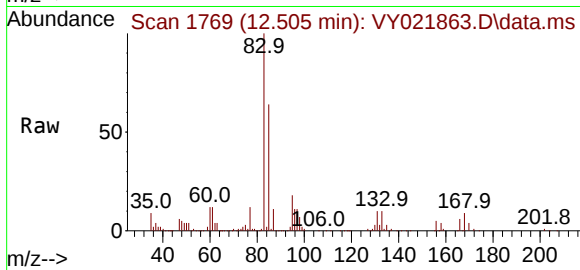




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.123 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

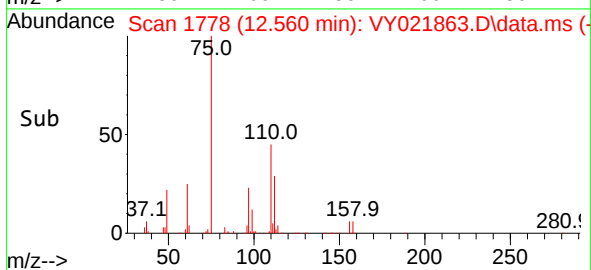
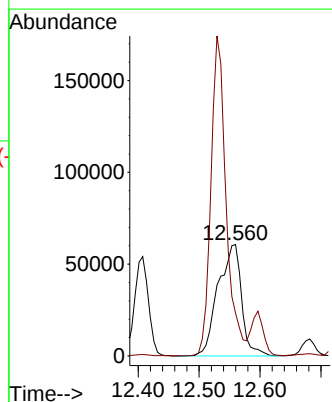
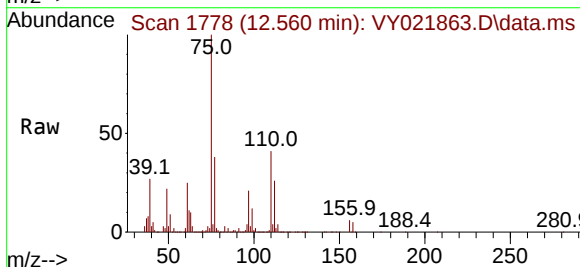
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

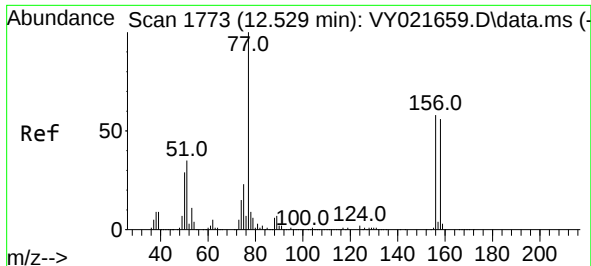
Tgt Ion: 83 Resp: 115599
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.1 15.3
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 89.301 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

Tgt Ion: 75 Resp: 162616
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

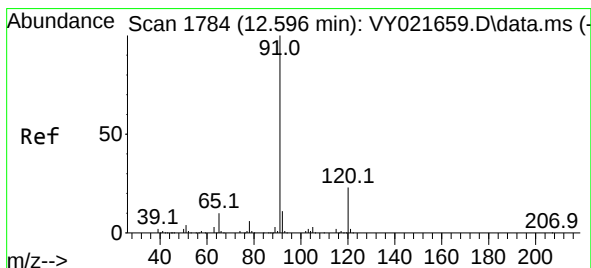
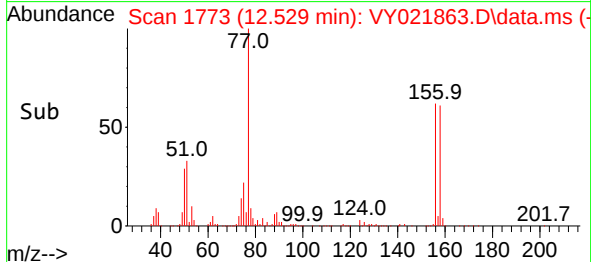
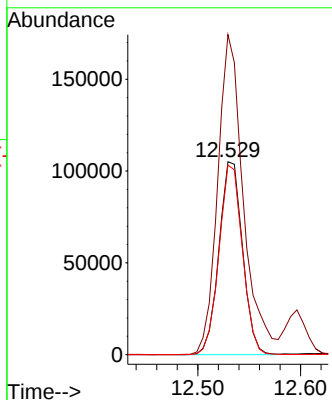
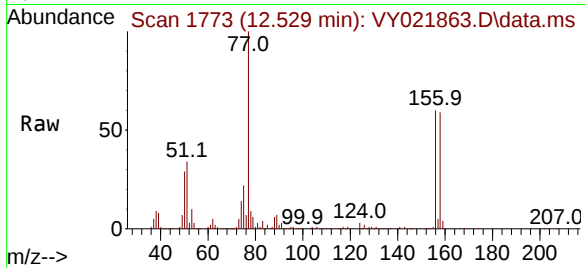




#77
Bromobenzene
Concen: 51.061 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

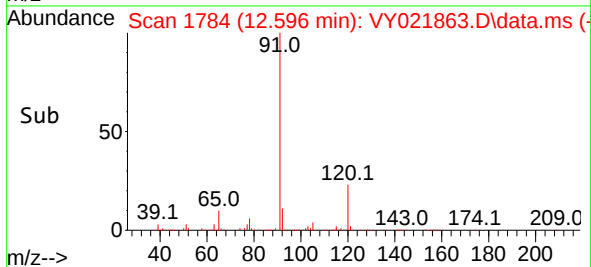
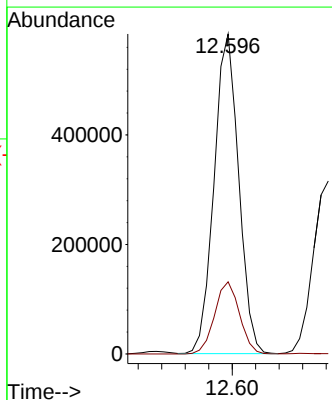
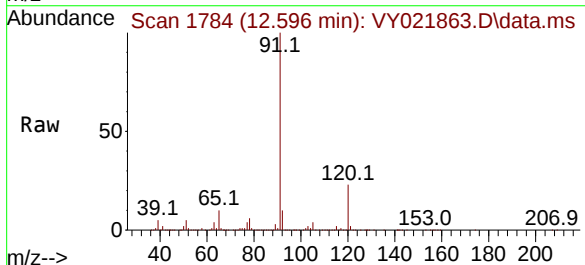
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

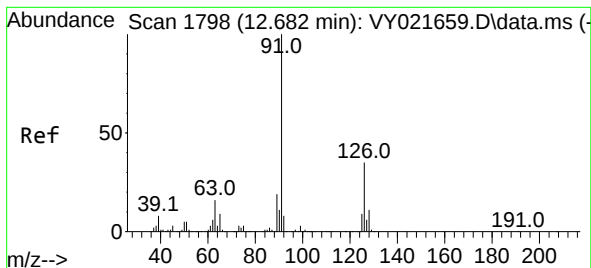
Tgt Ion:156 Resp: 167277
Ion Ratio Lower Upper
156 100
77 181.3 92.8 278.3
158 97.6 48.5 145.6



#78
n-propylbenzene
Concen: 51.753 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 91 Resp: 848941
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 50.884 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

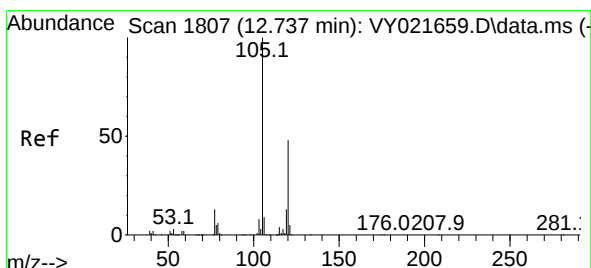
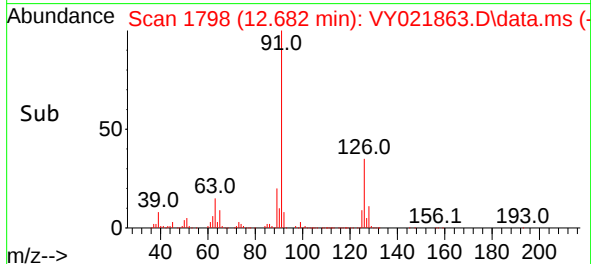
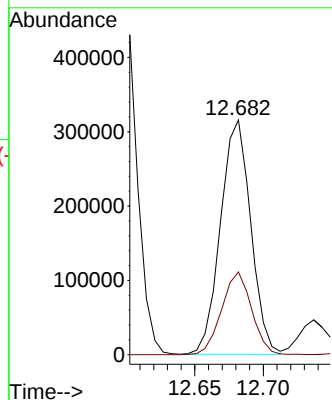
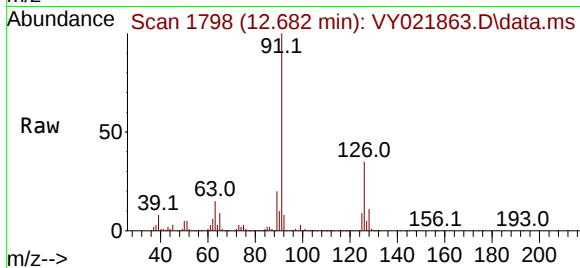
VSTDCCC050EC

Tgt Ion: 91 Resp: 484804

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 52.158 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021863.D

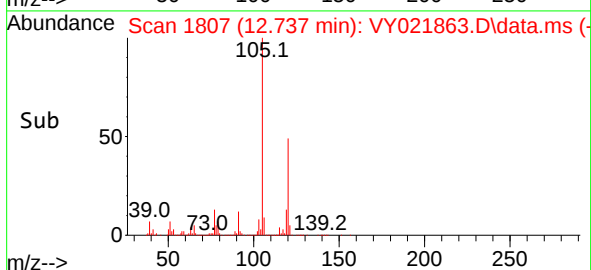
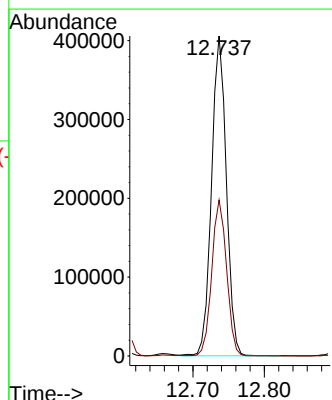
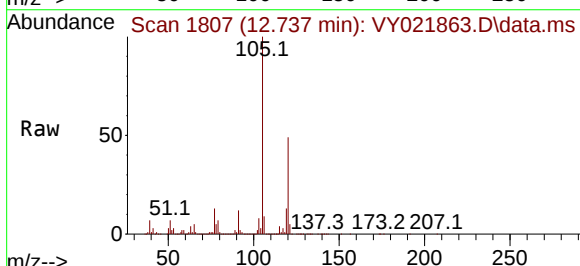
Acq: 11 Apr 2025 16:40

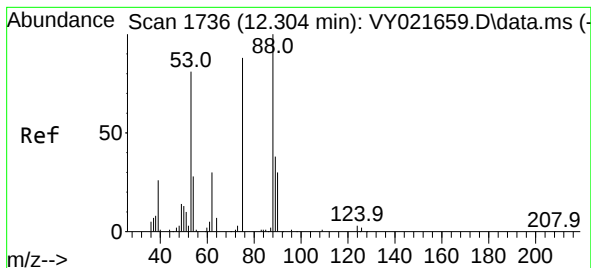
Tgt Ion: 105 Resp: 581639

Ion Ratio Lower Upper

105 100

120 48.9 24.5 73.5

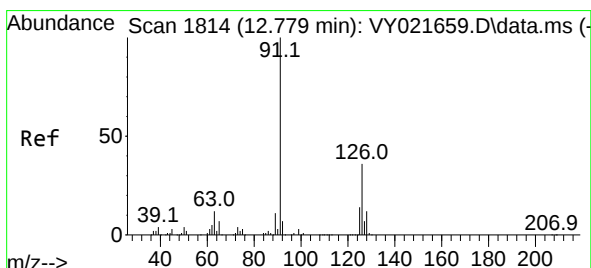
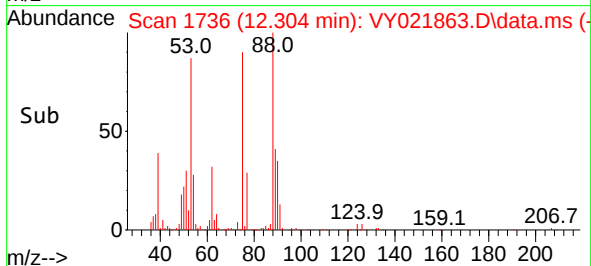
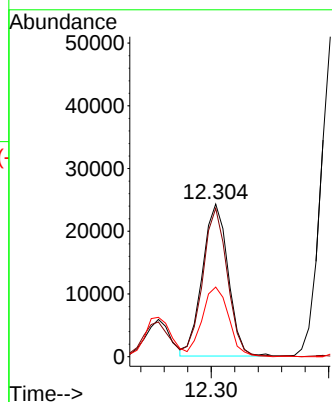
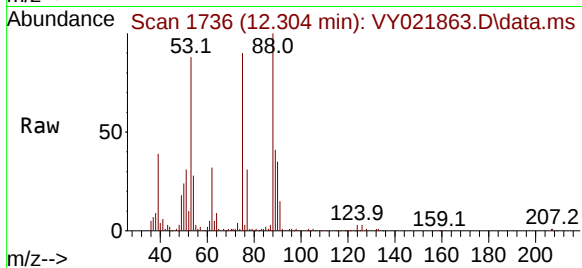




#81
trans-1,4-Dichloro-2-butene
Concen: 46.727 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

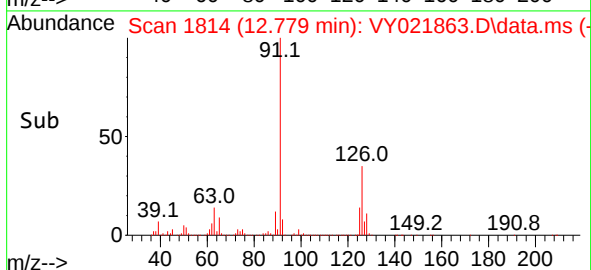
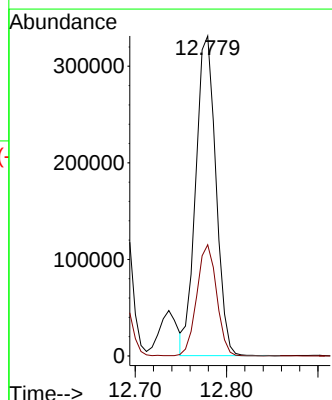
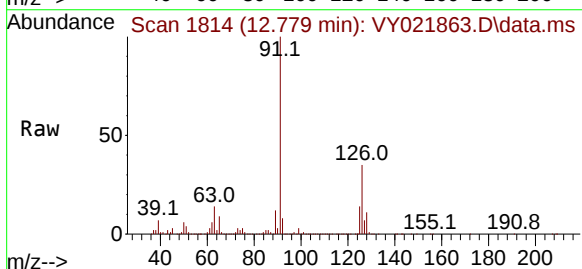
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

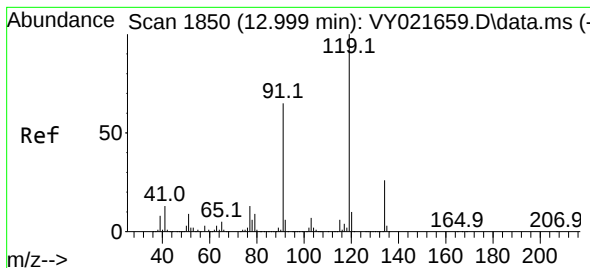
Tgt Ion: 75 Resp: 36928
Ion Ratio Lower Upper
75 100
53 94.6 76.1 114.1
89 46.9 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.974 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion: 91 Resp: 506324
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.943 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

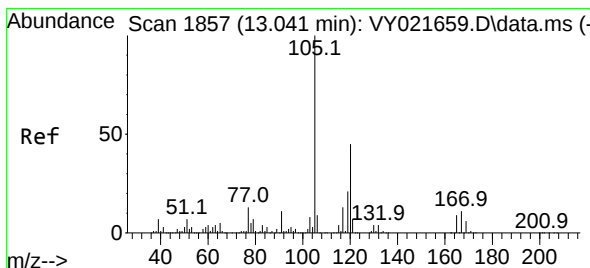
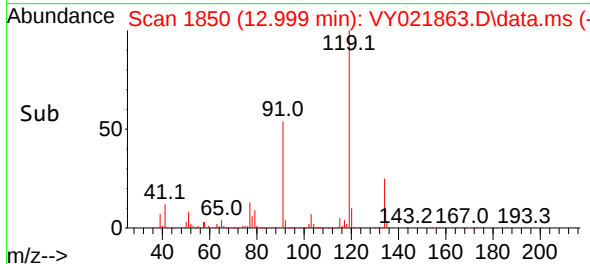
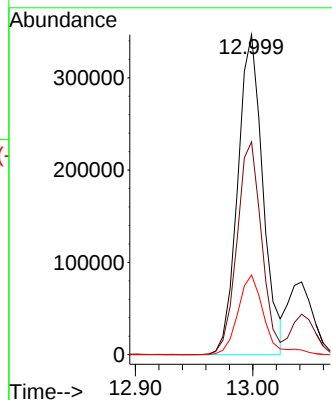
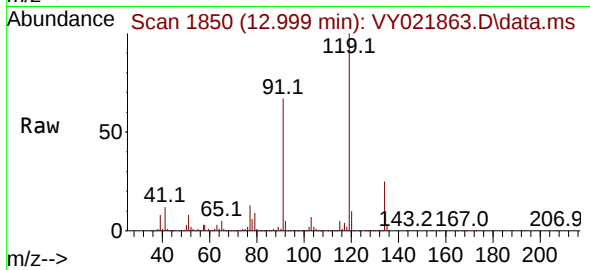
Tgt Ion:119 Resp: 515927

Ion Ratio Lower Upper

119 100

91 65.2 32.6 97.7

134 26.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 53.361 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021863.D

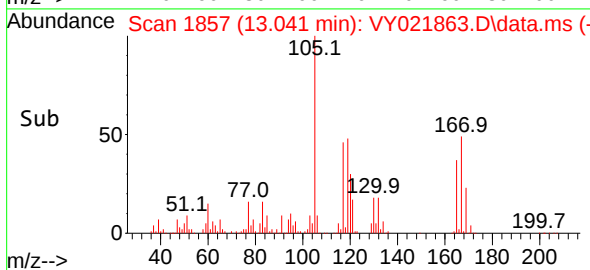
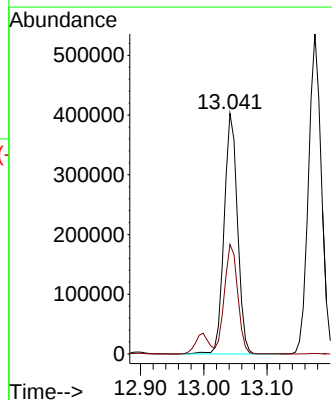
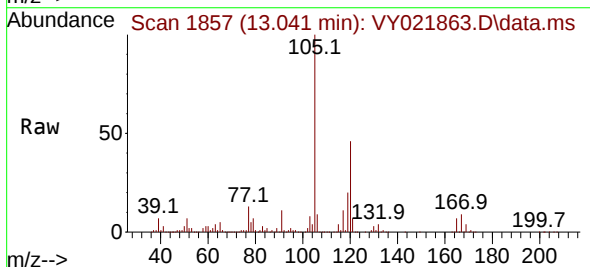
Acq: 11 Apr 2025 16:40

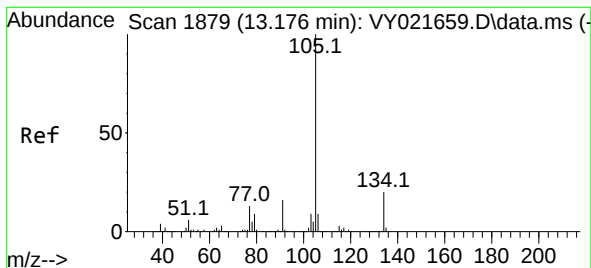
Tgt Ion:105 Resp: 588121

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.160 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

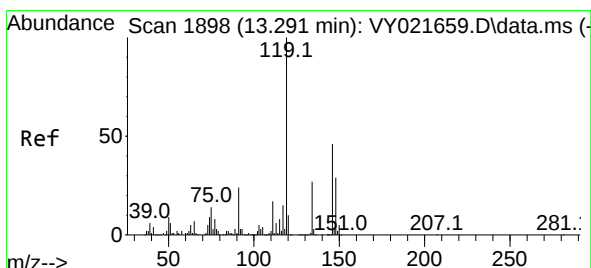
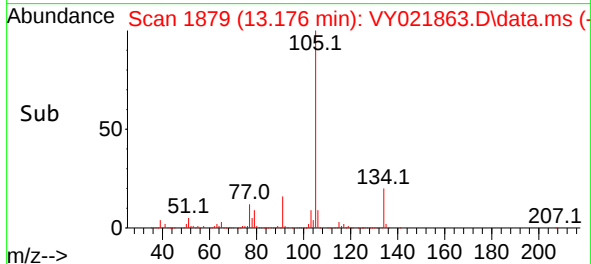
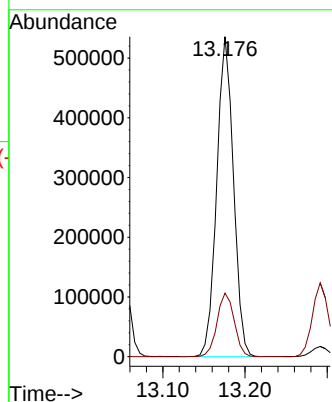
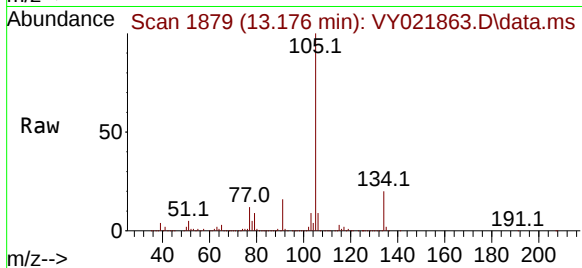
VSTDCCC050EC

Tgt Ion:105 Resp: 757128

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.177 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

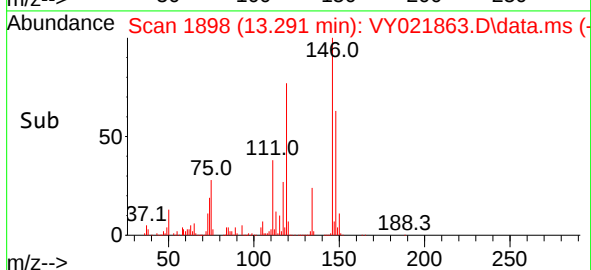
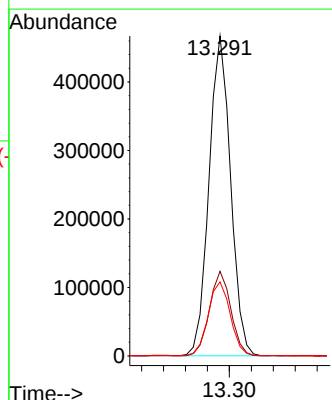
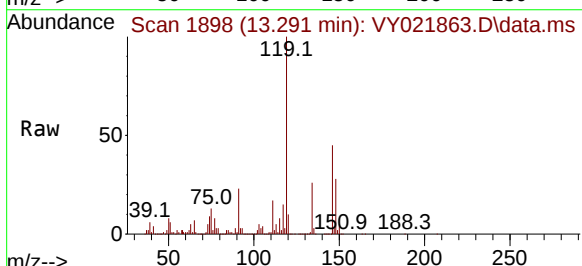
Tgt Ion:119 Resp: 637973

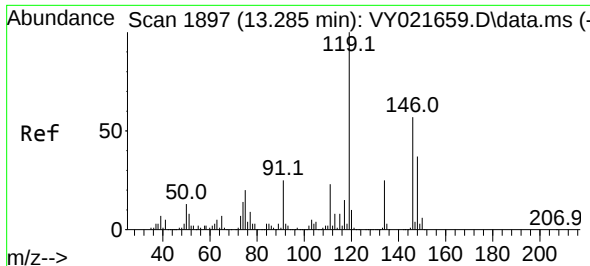
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.5 12.0 36.0

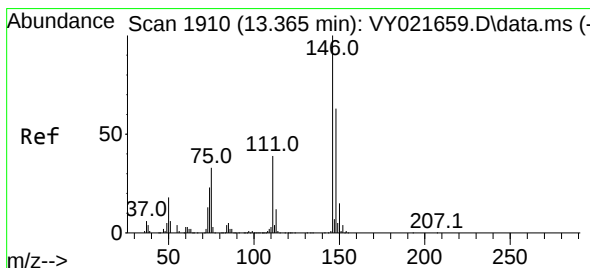
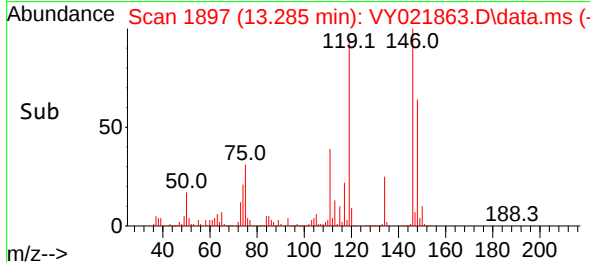
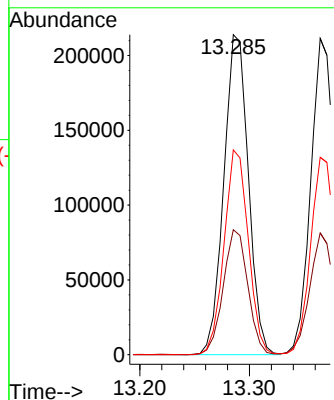
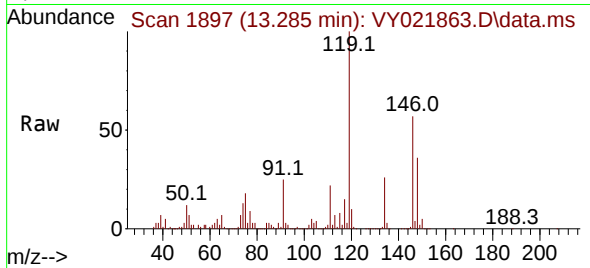




#87
 1,3-Dichlorobenzene
 Concen: 51.669 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

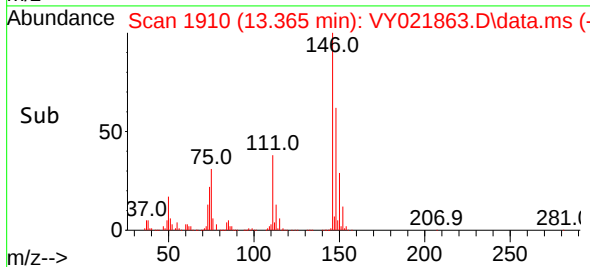
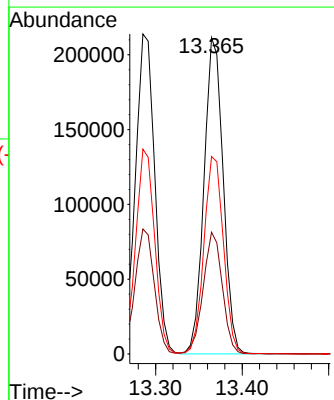
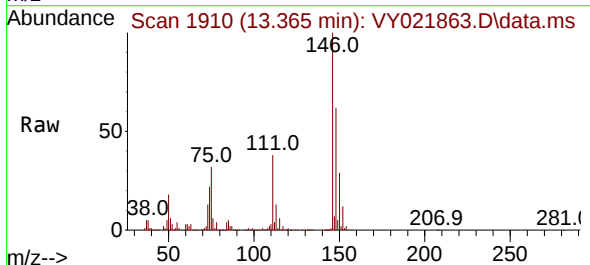
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

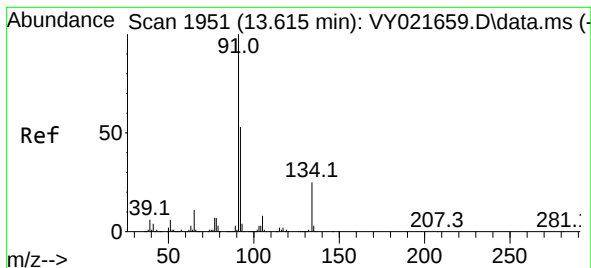
Tgt Ion:146 Resp: 333490
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 60.0
 148 63.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.870 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021863.D
 Acq: 11 Apr 2025 16:40

Tgt Ion:146 Resp: 324393
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 52.389 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

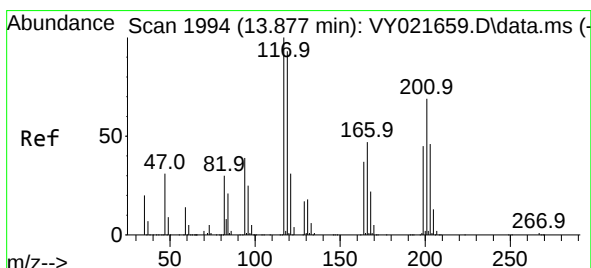
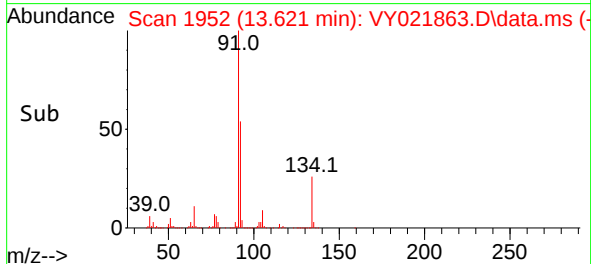
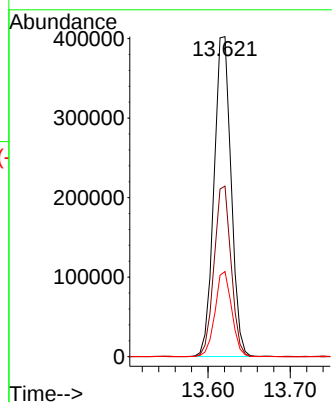
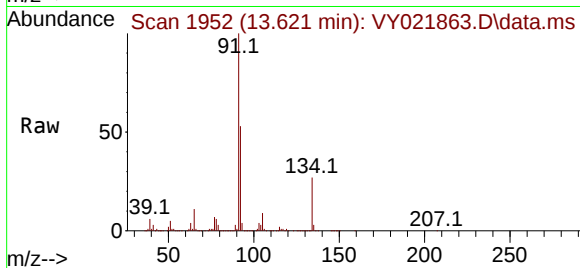
Tgt Ion: 91 Resp: 581260

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.9 12.8 38.4



#90

Hexachloroethane

Concen: 51.073 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021863.D

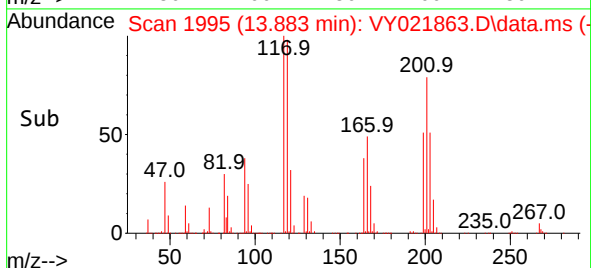
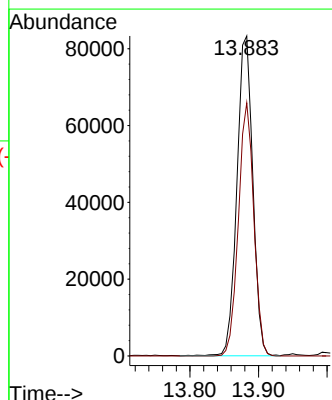
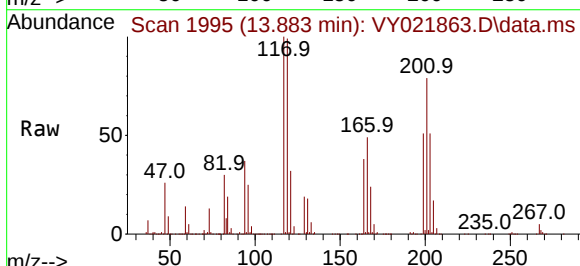
Acq: 11 Apr 2025 16:40

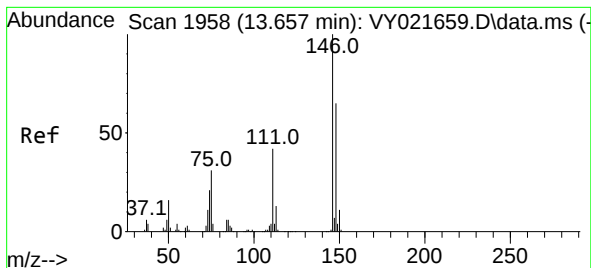
Tgt Ion: 117 Resp: 134271

Ion Ratio Lower Upper

117 100

201 76.8 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 52.336 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

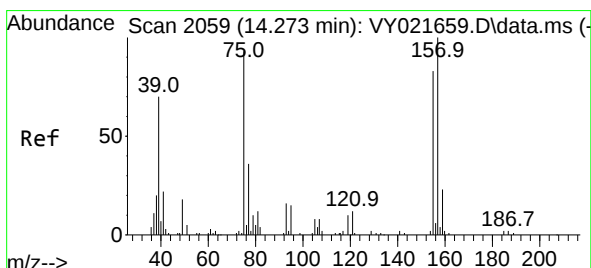
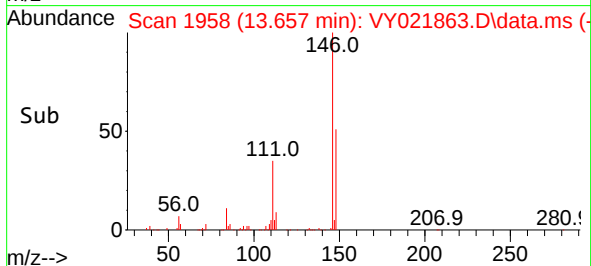
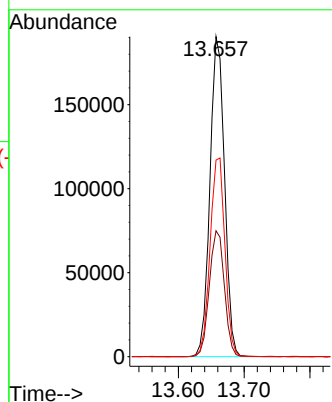
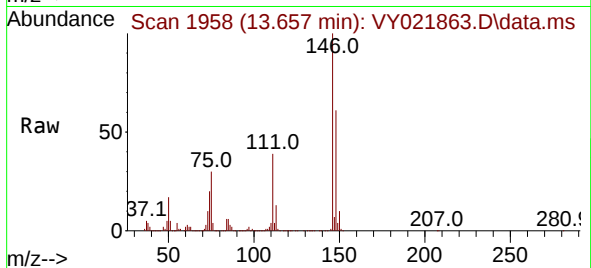
Tgt Ion:146 Resp: 294055

Ion Ratio Lower Upper

146 100

111 40.6 20.7 62.1

148 63.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.677 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

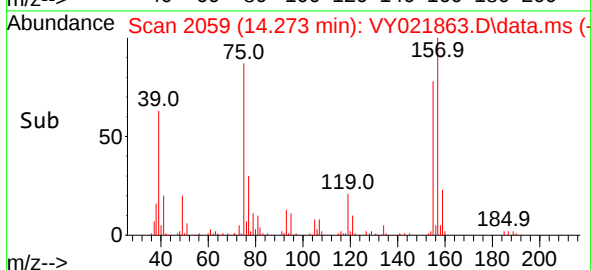
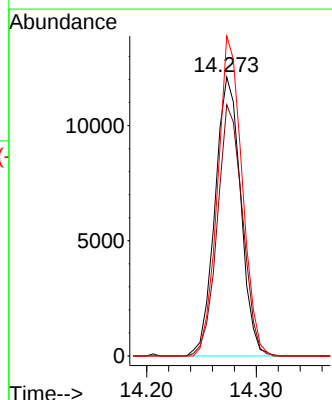
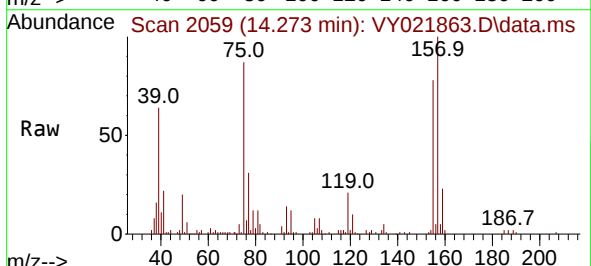
Tgt Ion: 75 Resp: 19648

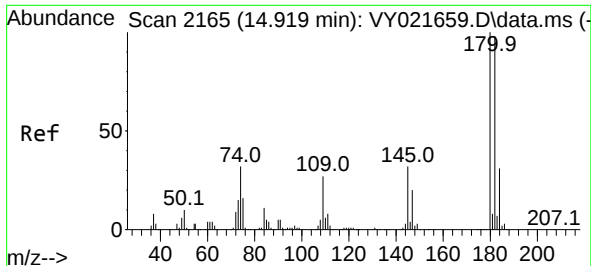
Ion Ratio Lower Upper

75 100

155 88.3 43.0 128.8

157 109.6 54.0 162.0

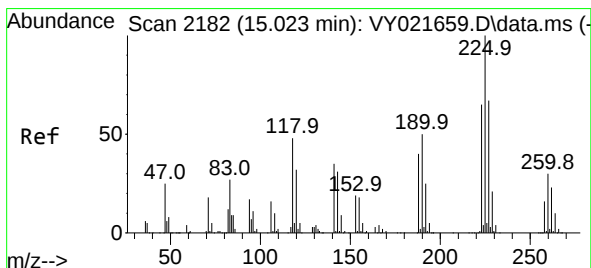
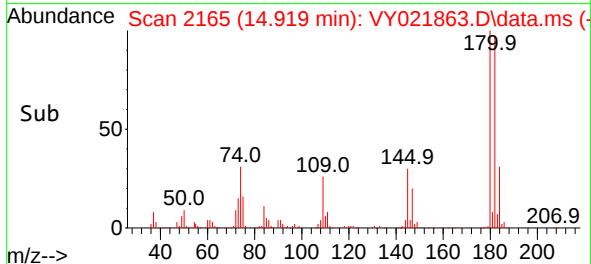
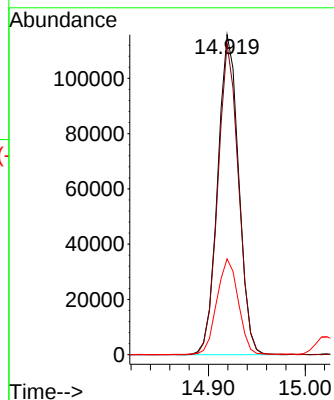
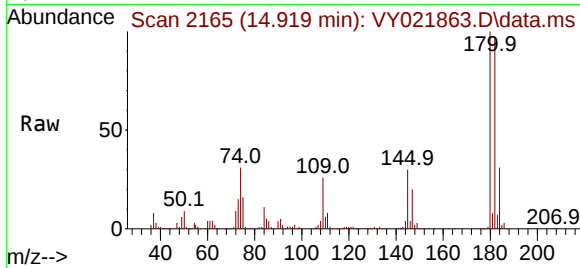




#93
1,2,4-Trichlorobenzene
Concen: 57.291 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

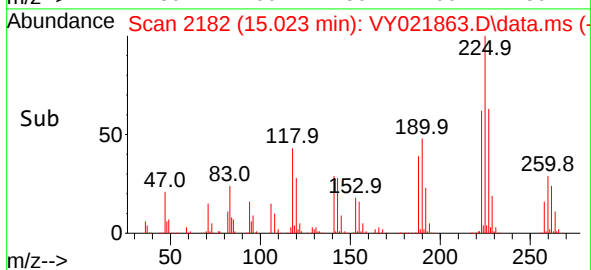
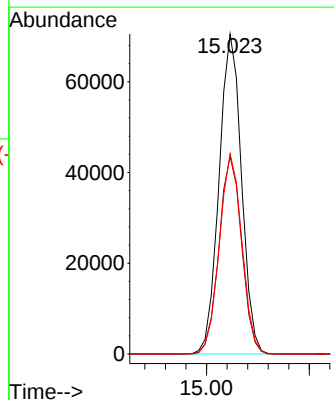
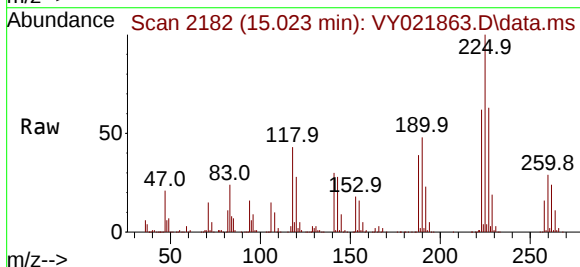
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

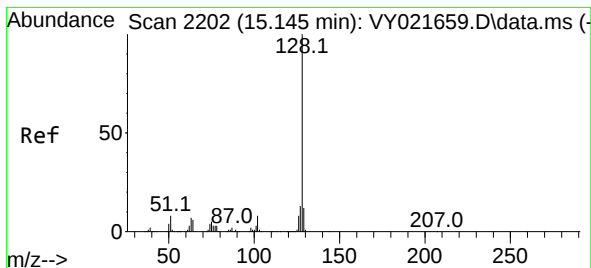
Tgt Ion:180 Resp: 174560
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.6
145 30.8 14.9 44.9



#94
Hexachlorobutadiene
Concen: 55.990 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021863.D
Acq: 11 Apr 2025 16:40

Tgt Ion:225 Resp: 106544
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.7
227 62.8 32.4 97.0





#95

Naphthalene

Concen: 64.164 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

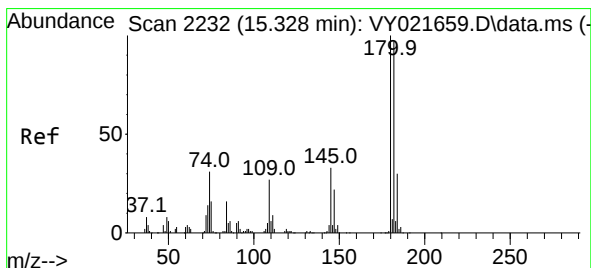
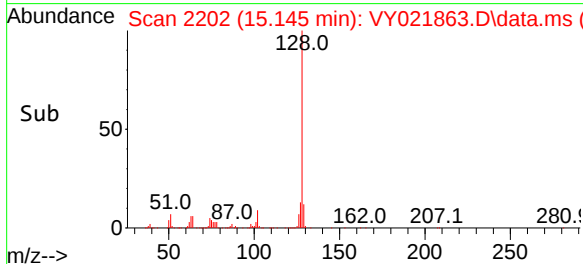
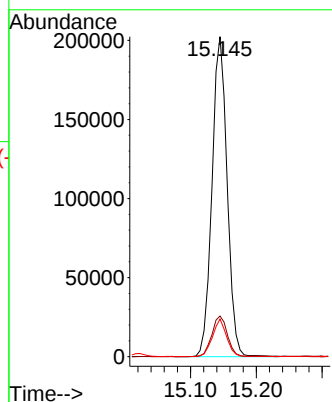
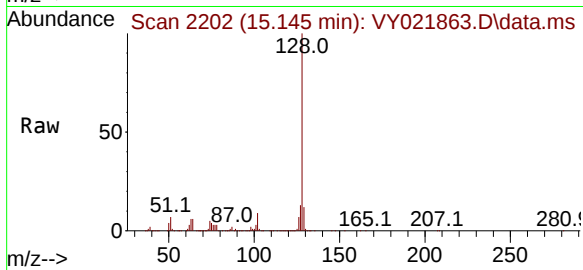
Tgt Ion:128 Resp: 324052

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 59.406 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021863.D

Acq: 11 Apr 2025 16:40

Tgt Ion:180 Resp: 154353

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 32.2 15.9 47.7

