

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022251.D
 Acq On : 13 May 2025 18:36
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 14 04:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	197164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92973	51.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.100%	
35) Dibromofluoromethane	7.634	113	102339	53.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.103	98	391016	54.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.340%	
62) 4-Bromofluorobenzene	12.401	95	134345	55.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	68895	41.008	ug/l	99
3) Chloromethane	2.062	50	125935	52.644	ug/l	100
4) Vinyl Chloride	2.202	62	156251	53.153	ug/l	98
5) Bromomethane	2.592	94	123823	48.891	ug/l	97
6) Chloroethane	2.732	64	109465	54.677	ug/l	94
7) Trichlorofluoromethane	3.049	101	192912	49.766	ug/l	100
8) Diethyl Ether	3.452	74	48016	47.591	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	104351	49.624	ug/l	98
10) Methyl Iodide	4.001	142	116769	47.962	ug/l	96
11) Tert butyl alcohol	4.878	59	26421	264.261	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	91311	46.587	ug/l	96
13) Acrolein	3.653	56	8714	48.560	ug/l	100
14) Allyl chloride	4.378	41	116157	50.896	ug/l	96
15) Acrylonitrile	5.055	53	102894	278.573	ug/l	97
16) Acetone	3.873	43	69378	294.878	ug/l	90
17) Carbon Disulfide	4.098	76	281201	44.996	ug/l	99
18) Methyl Acetate	4.391	43	64126	75.379	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	233048	53.123	ug/l	98
20) Methylene Chloride	4.610	84	112793	48.980	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	108262	49.320	ug/l	96
22) Diisopropyl ether	6.018	45	290873	57.271	ug/l	98
23) Vinyl Acetate	5.964	43	728877	266.289	ug/l	99
24) 1,1-Dichloroethane	5.915	63	187425	53.239	ug/l	99
25) 2-Butanone	6.890	43	116990	281.817	ug/l	96
26) 2,2-Dichloropropane	6.884	77	154917	50.207	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	128558	52.378	ug/l	99
28) Bromochloromethane	7.244	49	78423	57.351	ug/l	95
29) Tetrahydrofuran	7.262	42	79848	296.153	ug/l	99
30) Chloroform	7.421	83	212699	54.469	ug/l	96
31) Cyclohexane	7.695	56	147566	49.017	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	186478	52.784	ug/l	99
36) 1,1-Dichloropropene	7.835	75	142261	55.308	ug/l	99
37) Ethyl Acetate	6.982	43	55034	59.574	ug/l	98
38) Carbon Tetrachloride	7.817	117	171058	55.655	ug/l	98
39) Methylcyclohexane	9.109	83	171688	53.041	ug/l	95
40) Benzene	8.079	78	455893	56.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	27478	54.413	ug/l	90
42) 1,2-Dichloroethane	8.158	62	117073	58.810	ug/l	99
43) Isopropyl Acetate	8.195	43	105783	59.627	ug/l	98
44) Trichloroethene	8.866	130	120417	54.070	ug/l	96
45) 1,2-Dichloropropane	9.140	63	104865	58.976	ug/l	98
46) Dibromomethane	9.231	93	64838	58.251	ug/l	98
47) Bromodichloromethane	9.420	83	166509	59.882	ug/l	100
48) Methyl methacrylate	9.219	41	51276	62.523	ug/l	97
49) 1,4-Dioxane	9.231	88	14061	1185.225	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	307996	331.184	ug/l	97
52) Toluene	10.170	92	301770	57.981	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	138881	58.229	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	163556	57.688	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	90348	60.766	ug/l	98
56) Ethyl methacrylate	10.438	69	102100	60.050	ug/l	96
57) 1,3-Dichloropropane	10.713	76	142636	59.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	264880	318.629	ug/l	98
59) 2-Hexanone	10.762	43	202988	330.921	ug/l	97
60) Dibromochloromethane	10.908	129	122456	59.489	ug/l	99
61) 1,2-Dibromoethane	11.011	107	83420	59.431	ug/l	98
64) Tetrachloroethene	10.646	164	139661	53.429	ug/l	97
65) Chlorobenzene	11.438	112	335684	54.174	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	120877	55.410	ug/l	98
67) Ethyl Benzene	11.517	91	563651	55.607	ug/l	99
68) m/p-Xylenes	11.627	106	458345	113.635	ug/l	99
69) o-Xylene	11.956	106	213630	57.464	ug/l	99
70) Styrene	11.969	104	366034	58.641	ug/l	99
71) Bromoform	12.127	173	72949	57.517	ug/l #	100
73) Isopropylbenzene	12.255	105	557301	52.648	ug/l	100
74) N-amyl acetate	12.066	43	98482	54.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	97747	54.771	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	130709	96.314	ug/l #	100
77) Bromobenzene	12.529	156	137598	51.443	ug/l	96
78) n-propylbenzene	12.590	91	680922	54.016	ug/l	99
79) 2-Chlorotoluene	12.676	91	393681	53.700	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	469805	53.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30425	53.988	ug/l	99
82) 4-Chlorotoluene	12.773	91	407070	53.414	ug/l	100
83) tert-Butylbenzene	12.993	119	423785	54.178	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	472519	54.164	ug/l	99
85) sec-Butylbenzene	13.176	105	622020	54.343	ug/l	100
86) p-Isopropyltoluene	13.292	119	530530	54.584	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	285826	52.613	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	280118	52.063	ug/l	99
89) n-Butylbenzene	13.615	91	465722	53.607	ug/l	100
90) Hexachloroethane	13.877	117	113966	53.368	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	252511	53.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15730	55.400	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	140125	52.187	ug/l	98
94) Hexachlorobutadiene	15.023	225	85245	51.601	ug/l	99
95) Naphthalene	15.145	128	243265	54.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	122823	52.992	ug/l	99

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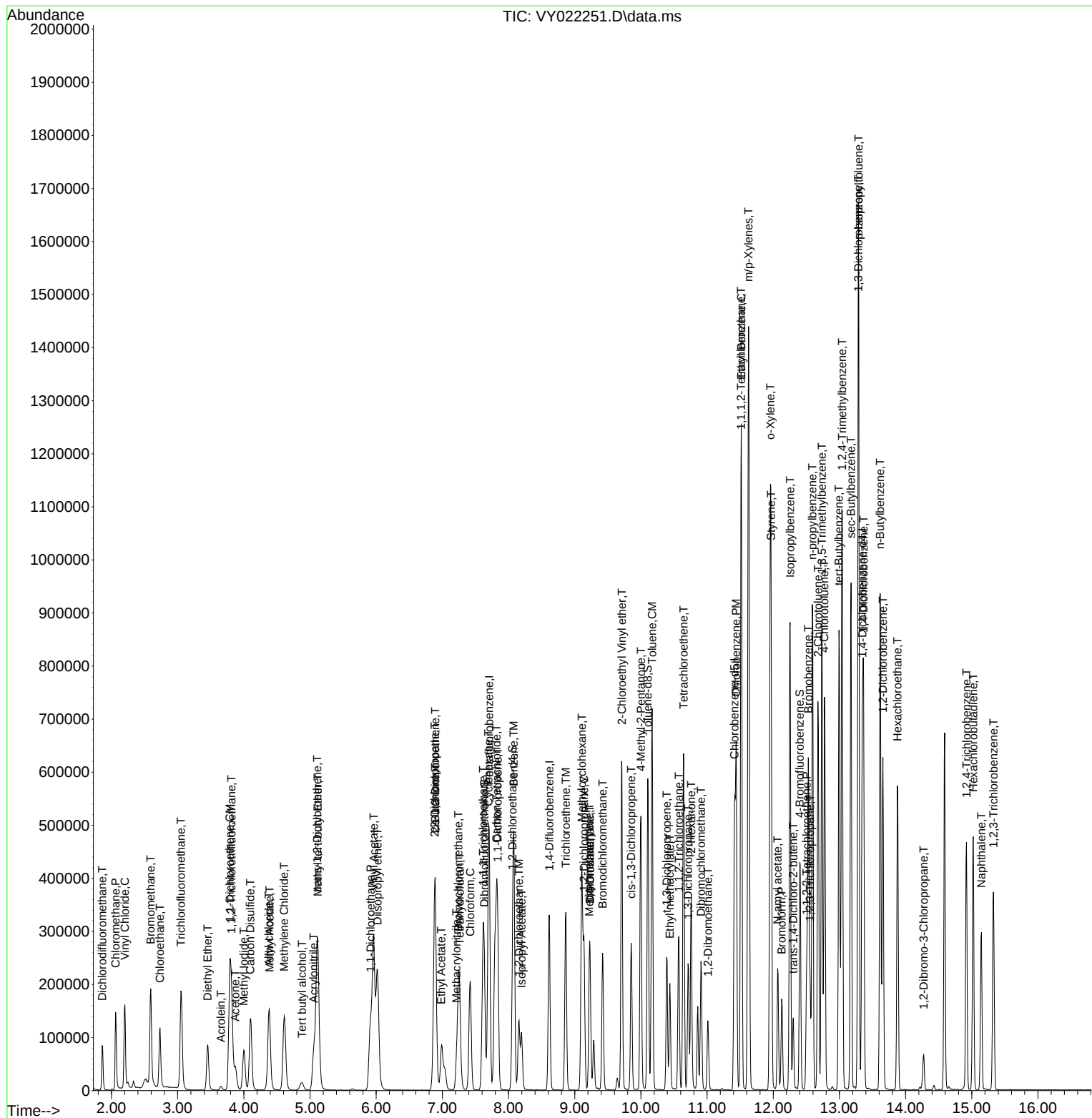
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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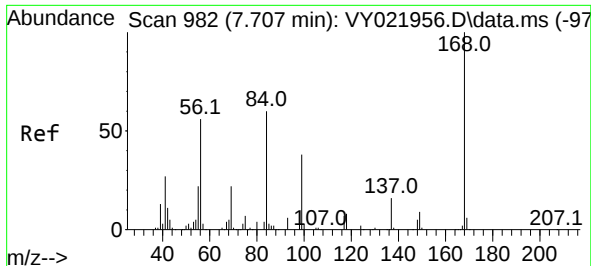
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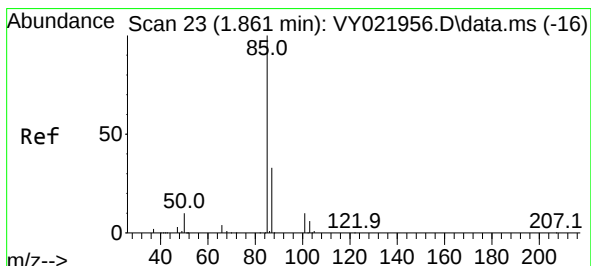
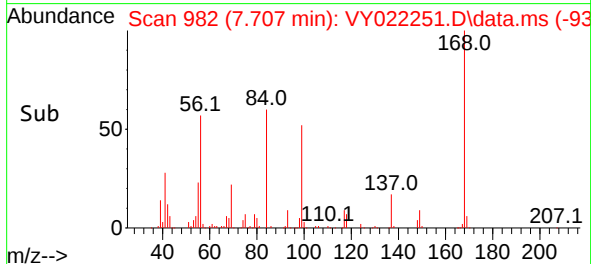
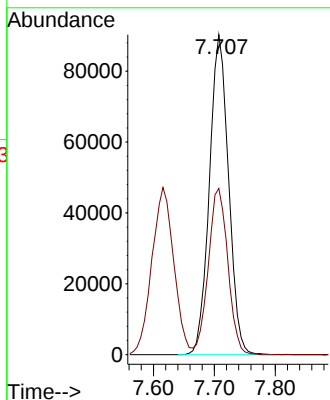
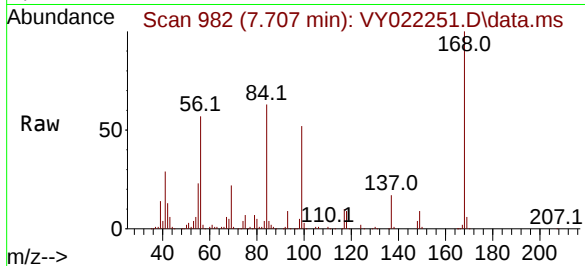




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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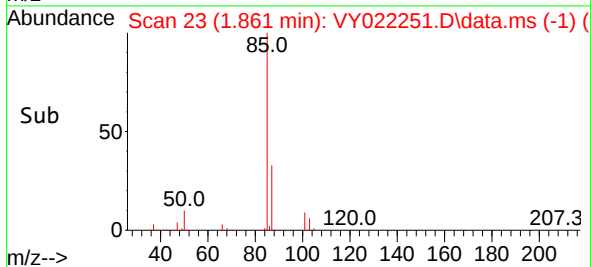
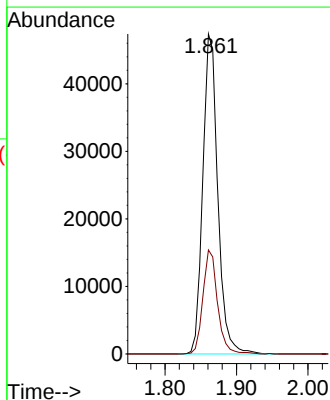
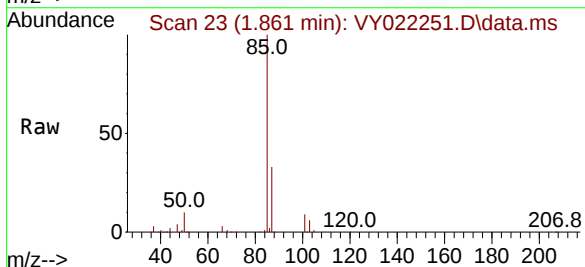
Instrument :
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VSTDCCC050EC

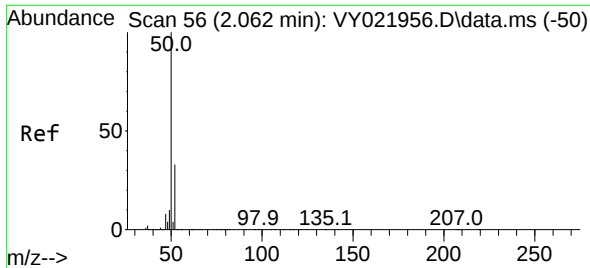
Tgt Ion:168 Resp: 197164
Ion Ratio Lower Upper
168 100
99 51.9 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 41.008 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 85 Resp: 68895
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7

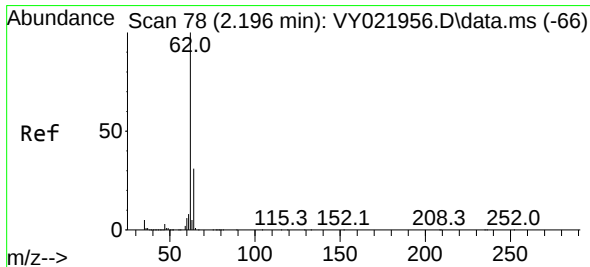
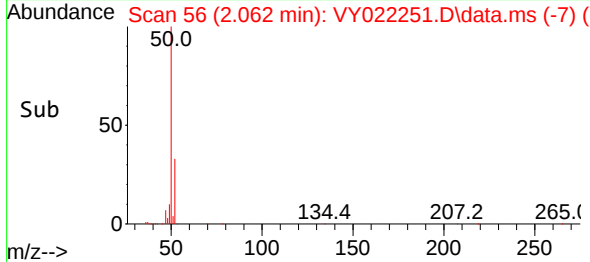
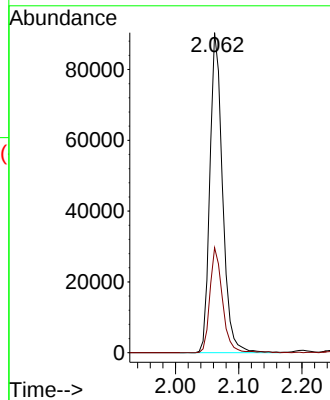
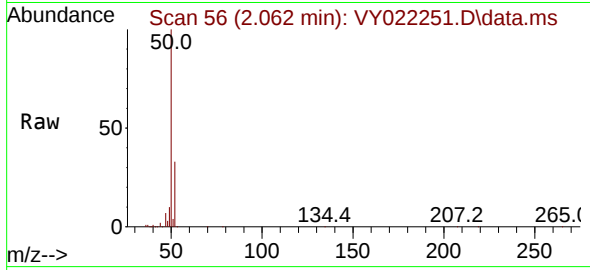




#3
Chloromethane
Concen: 52.644 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

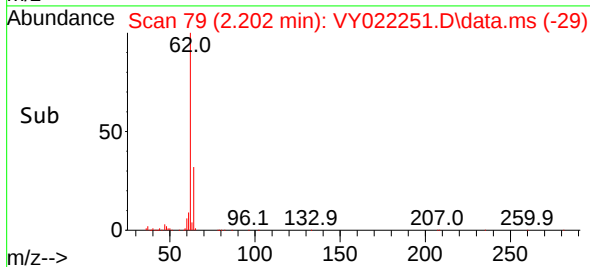
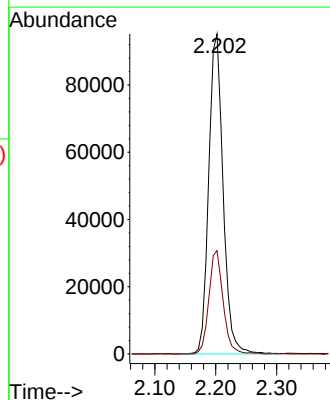
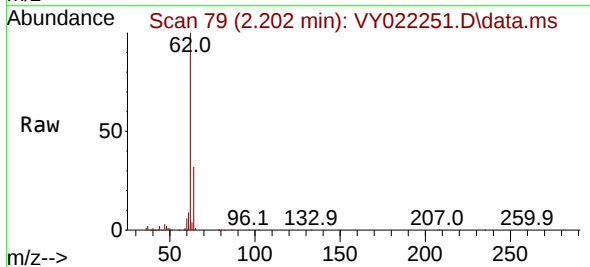
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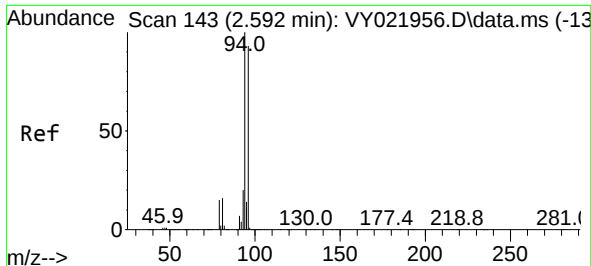
Tgt Ion: 50 Resp: 125935
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 53.153 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 62 Resp: 156251
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7

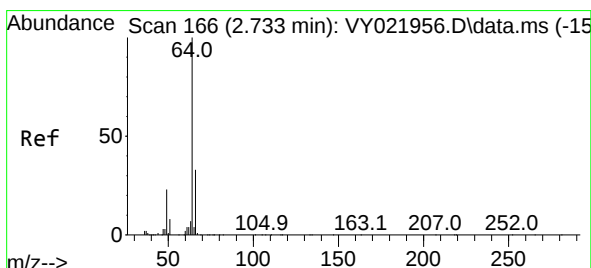
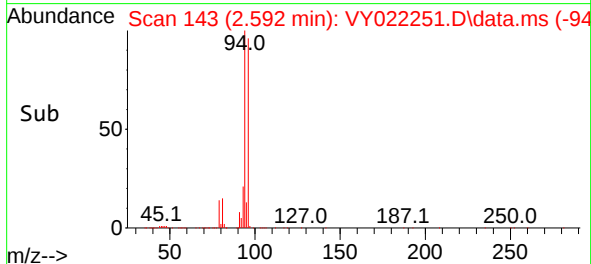
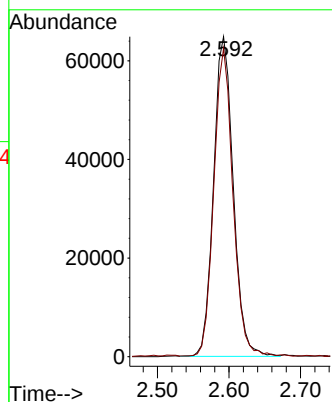
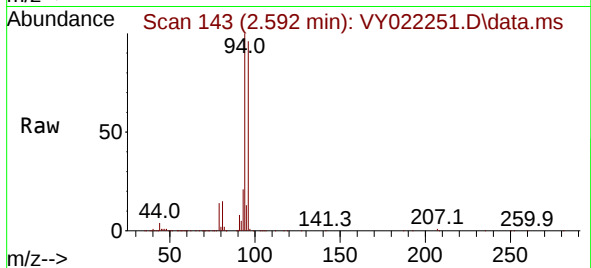




#5
Bromomethane
Concen: 48.891 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022251.D
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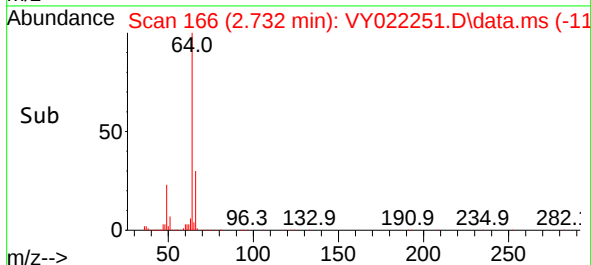
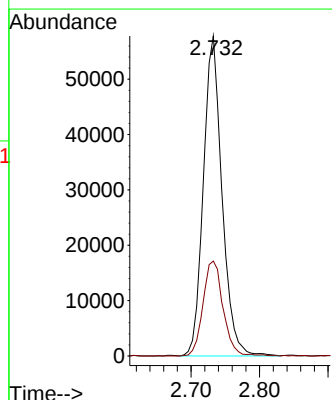
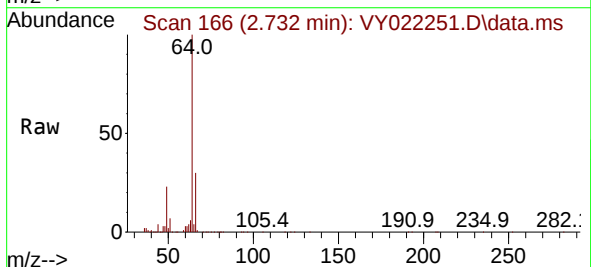
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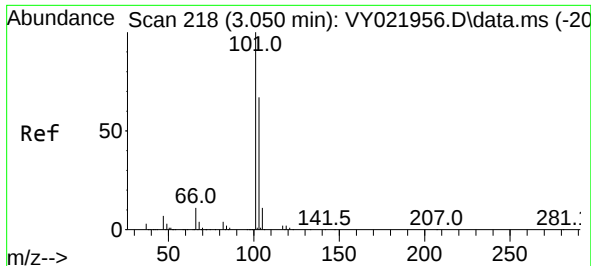
Tgt Ion: 94 Resp: 123823
Ion Ratio Lower Upper
94 100
96 96.3 74.6 111.8



#6
Chloroethane
Concen: 54.677 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022251.D
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Tgt Ion: 64 Resp: 109465
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4

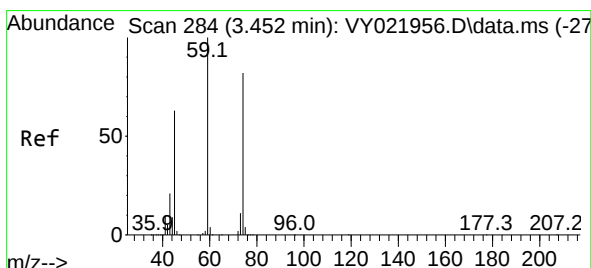
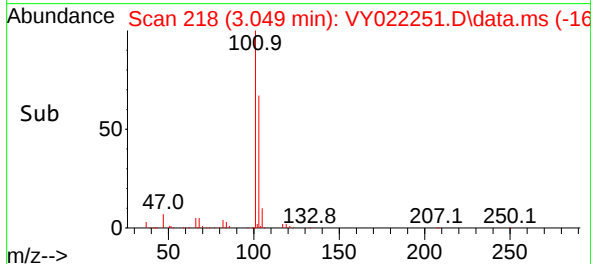
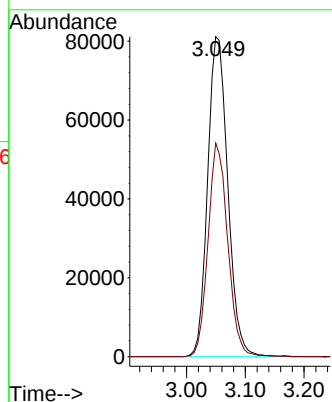
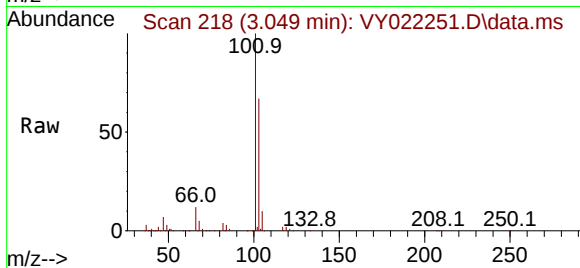




#7
 Trichlorofluoromethane
 Concen: 49.766 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022251.D
 Acq: 13 May 2025 18:36

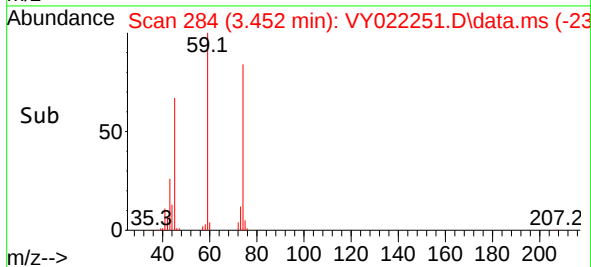
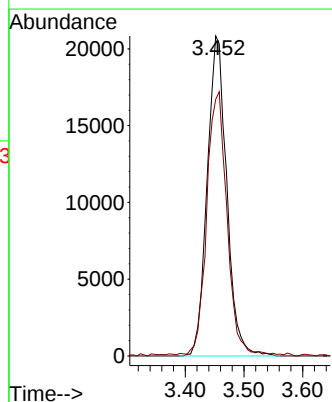
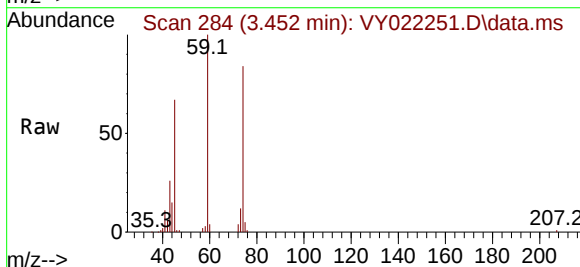
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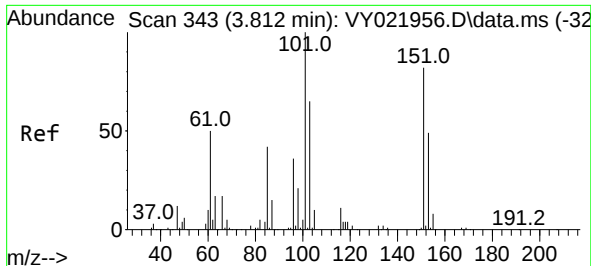
Tgt Ion:101 Resp: 192912
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.6 80.4



#8
 Diethyl Ether
 Concen: 47.591 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 48016
 Ion Ratio Lower Upper
 74 100
 45 84.7 39.1 117.5

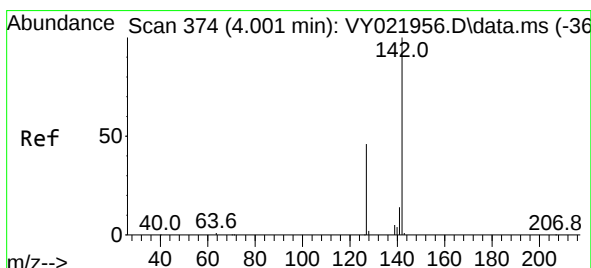
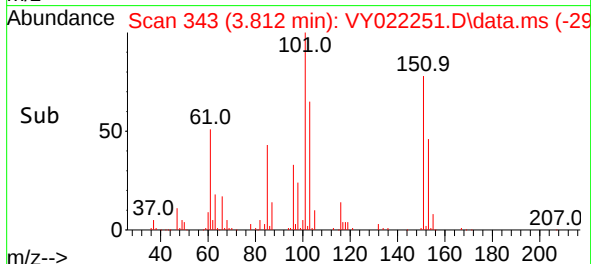
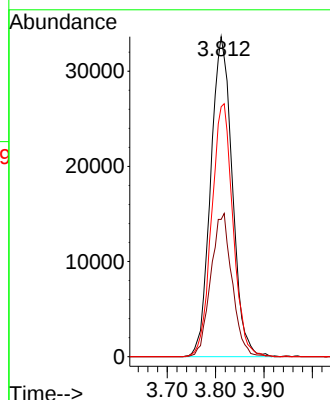
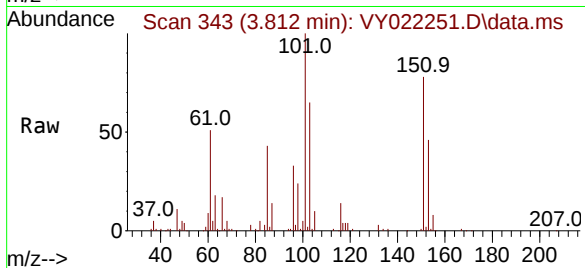




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.624 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

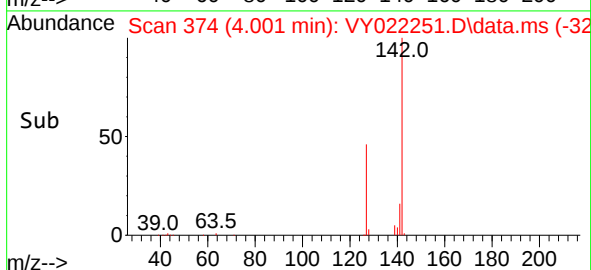
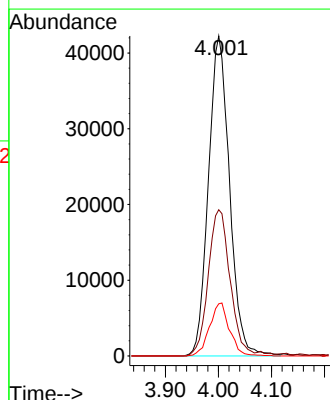
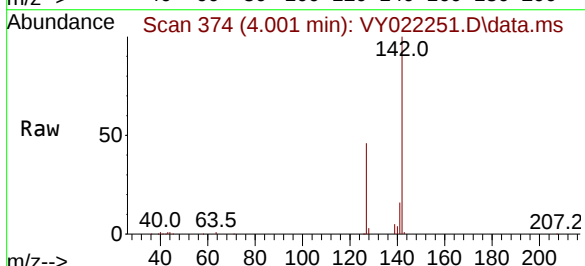
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

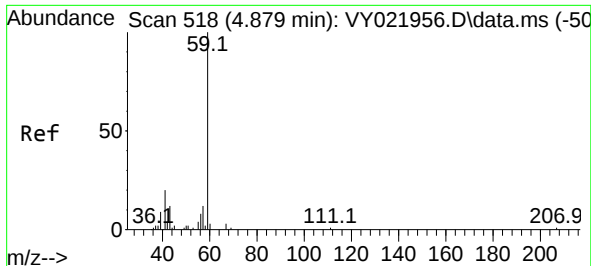
Tgt Ion:101 Resp: 104351
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 78.2 63.7 95.5



#10
Methyl Iodide
Concen: 47.962 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion:142 Resp: 116769
Ion Ratio Lower Upper
142 100
127 47.8 36.2 54.2
141 15.7 11.7 17.5

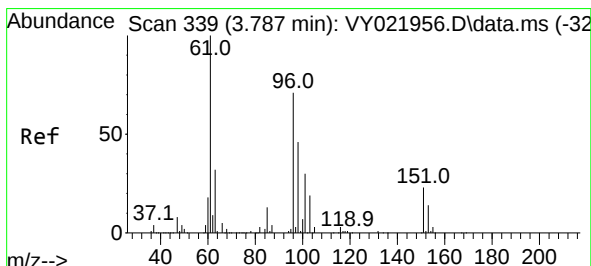
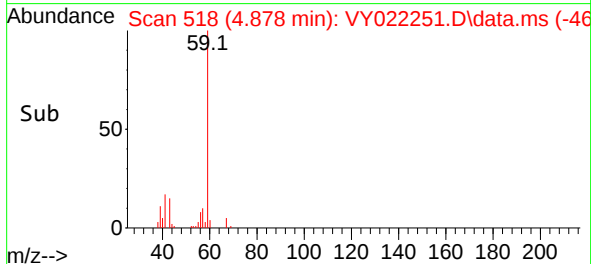
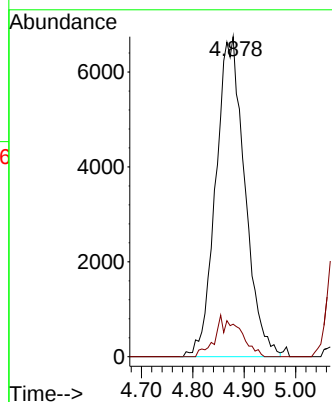
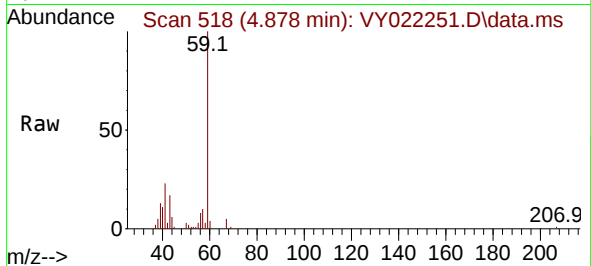




#11
Tert butyl alcohol
Concen: 264.261 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

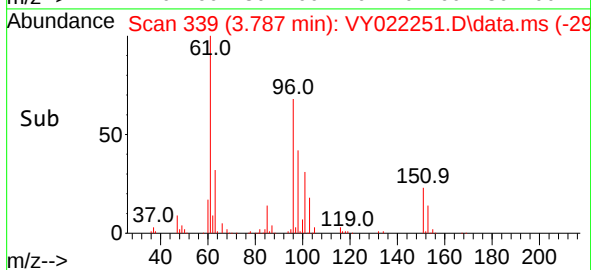
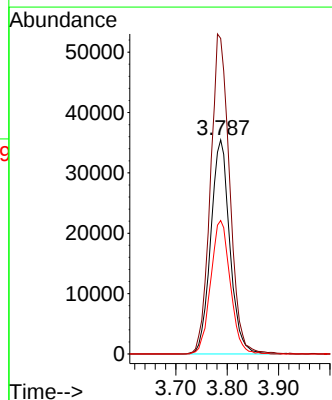
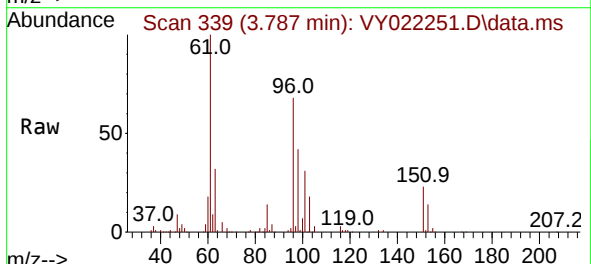
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

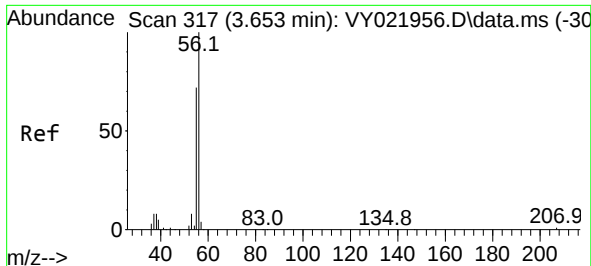
Tgt Ion: 59 Resp: 26421
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 46.587 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 96 Resp: 91311
Ion Ratio Lower Upper
96 100
61 147.4 113.0 169.4
98 62.4 51.4 77.2

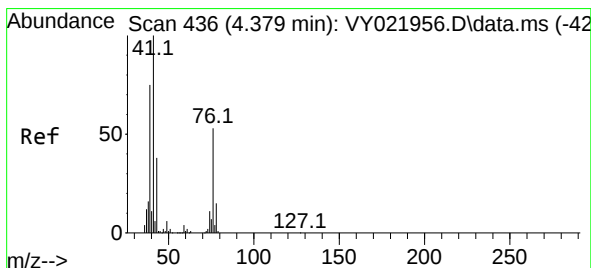
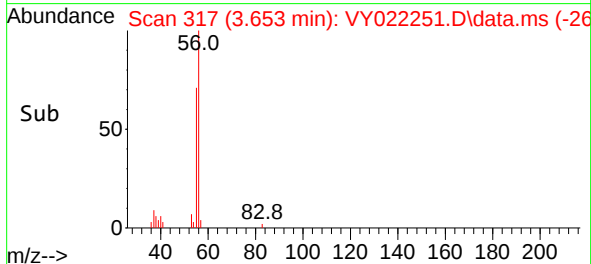
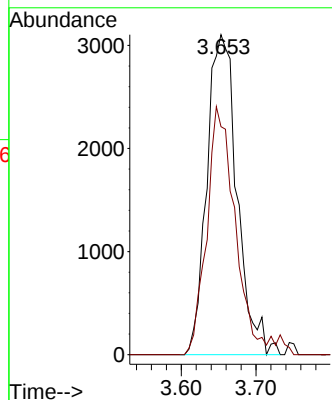
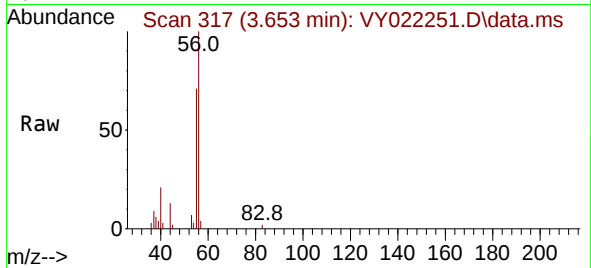




#13
Acrolein
Concen: 48.560 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

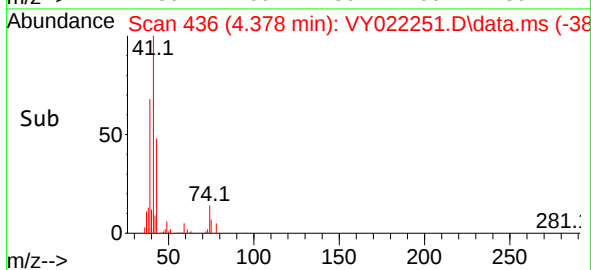
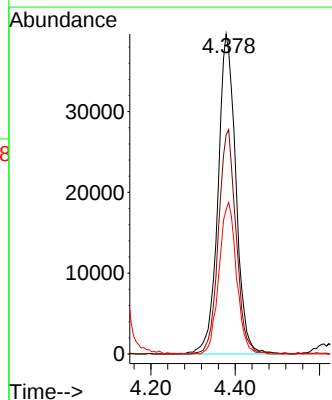
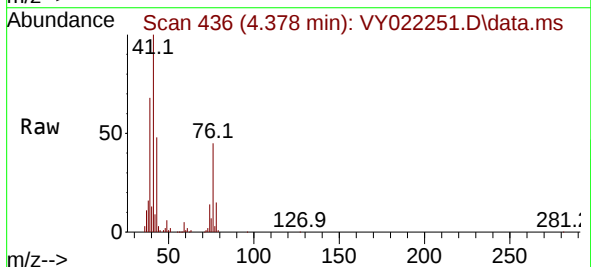
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8714
Ion Ratio Lower Upper
56 100
55 71.9 57.4 86.0



#14
Allyl chloride
Concen: 50.896 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 41 Resp: 116157
Ion Ratio Lower Upper
41 100
39 69.3 57.2 85.8
76 46.4 39.7 59.5

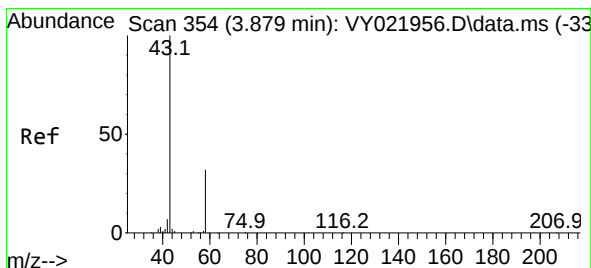
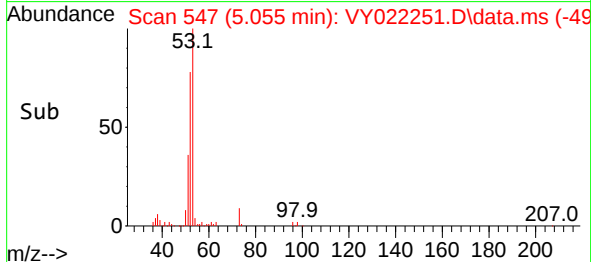
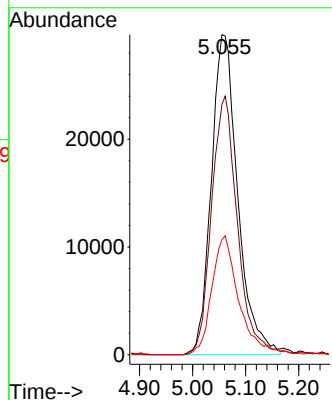
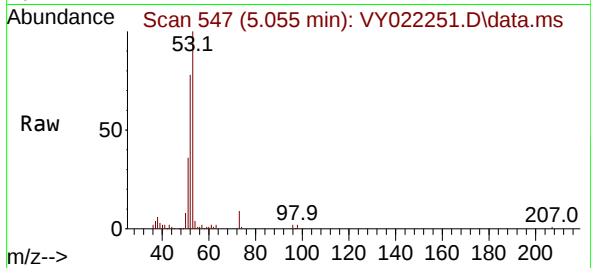




#15
Acrylonitrile
Concen: 278.573 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

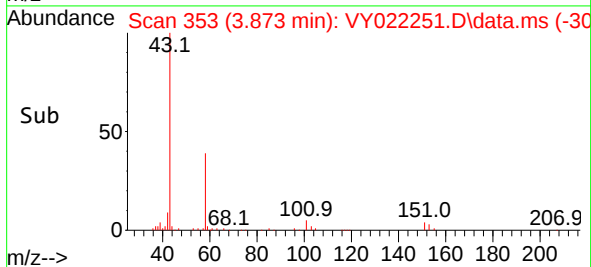
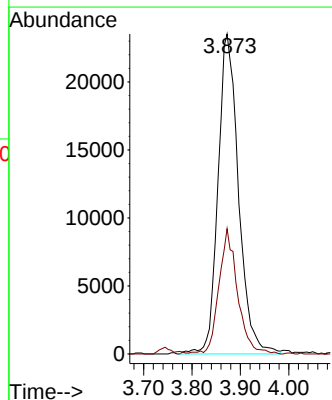
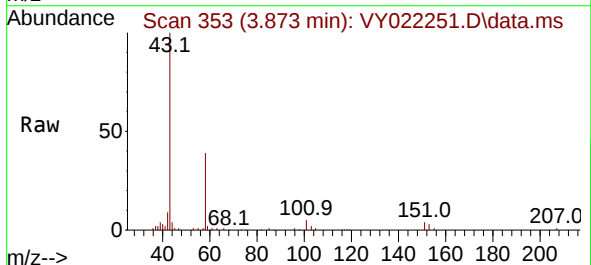
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

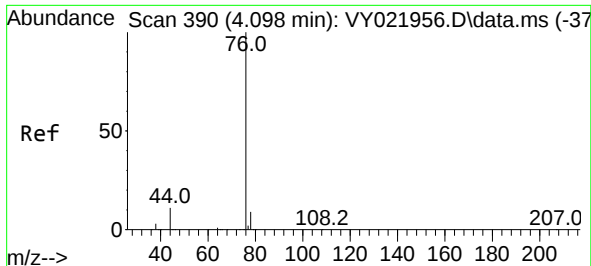
Tgt Ion: 53 Resp: 102894
Ion Ratio Lower Upper
53 100
52 79.2 65.0 97.6
51 38.1 28.9 43.3



#16
Acetone
Concen: 294.878 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 43 Resp: 69378
Ion Ratio Lower Upper
43 100
58 39.2 27.0 40.4

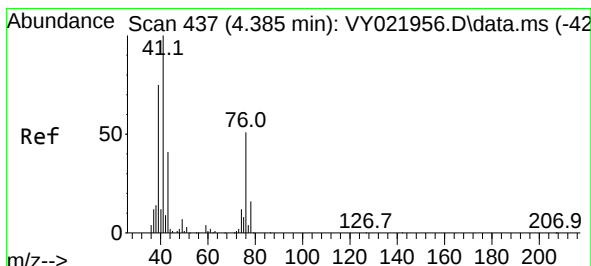
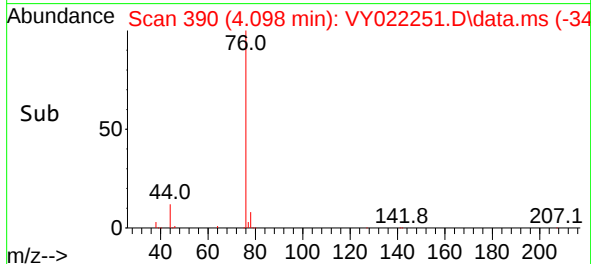
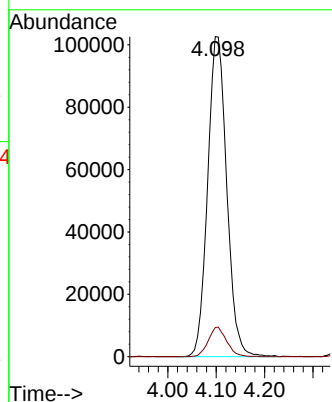
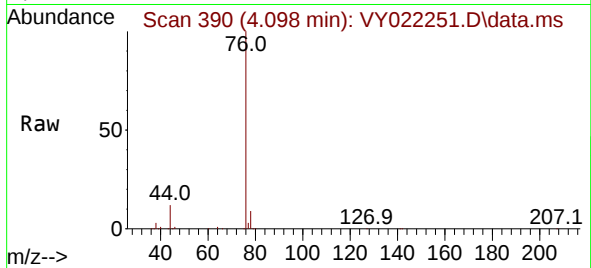




#17
Carbon Disulfide
Concen: 44.996 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

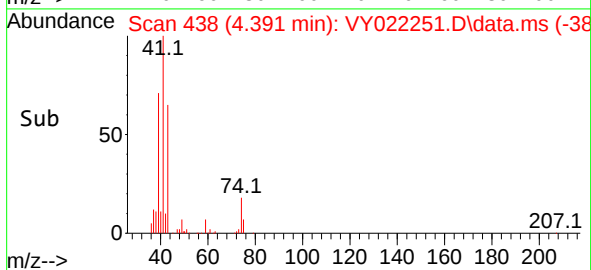
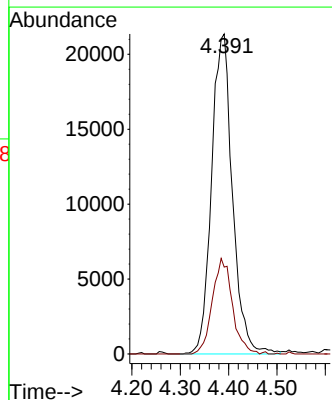
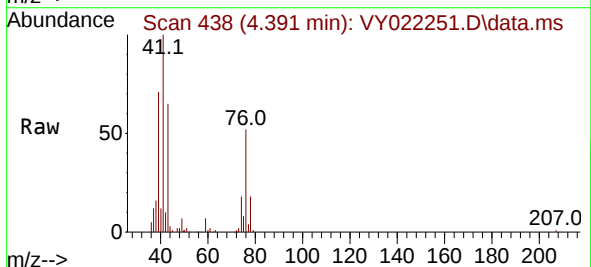
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 281201
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 75.379 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 43 Resp: 64126
Ion Ratio Lower Upper
43 100
74 28.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 53.123 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

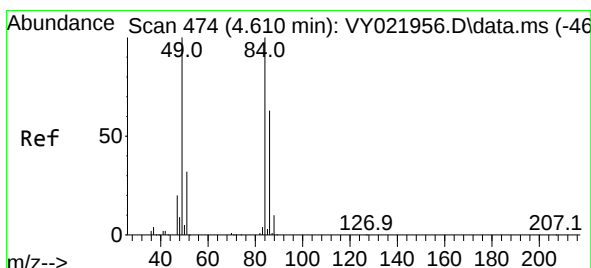
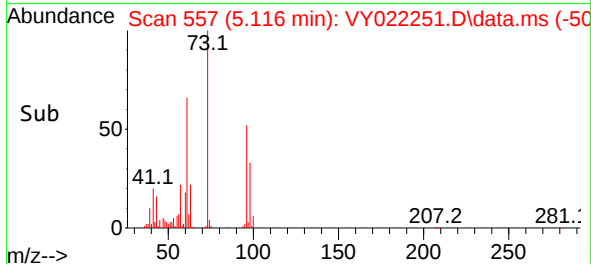
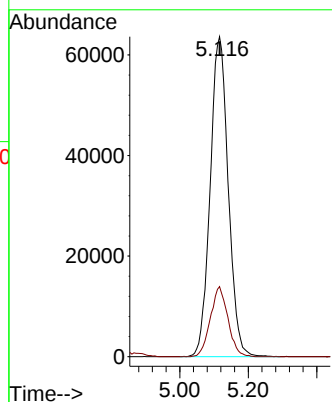
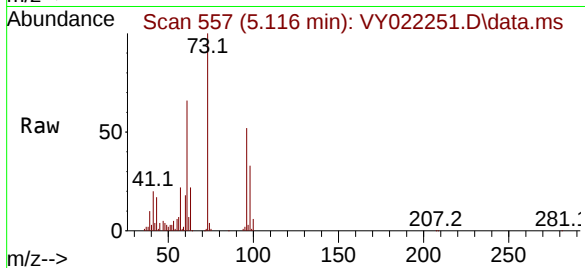
VSTDCCC050EC

Tgt Ion: 73 Resp: 233048

Ion Ratio Lower Upper

73 100

57 21.9 16.9 25.3



#20

Methylene Chloride

Concen: 48.980 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Tgt Ion: 84 Resp: 112793

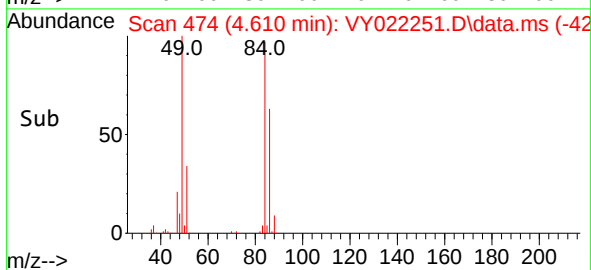
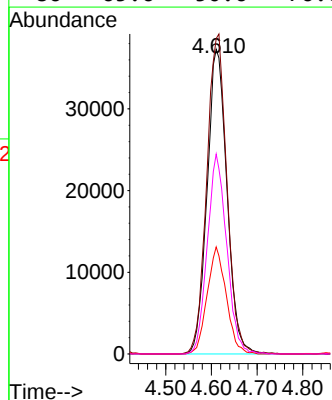
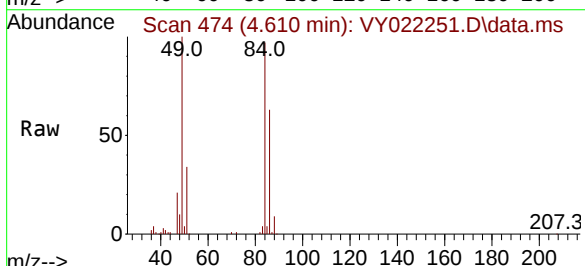
Ion Ratio Lower Upper

84 100

49 103.5 79.9 119.9

51 35.1 25.4 38.0

86 65.6 50.6 76.0

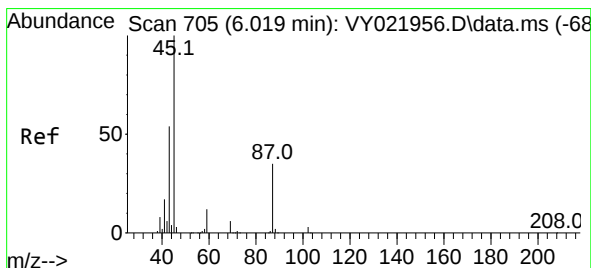
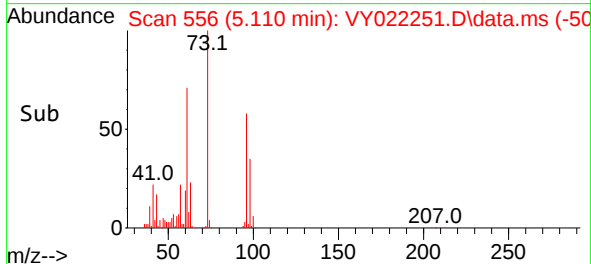
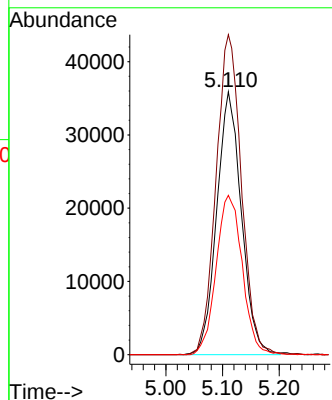
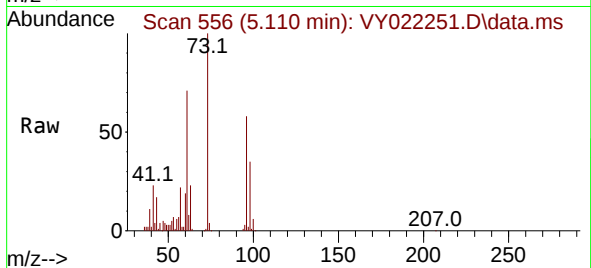




#21
trans-1,2-Dichloroethene
Concen: 49.320 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

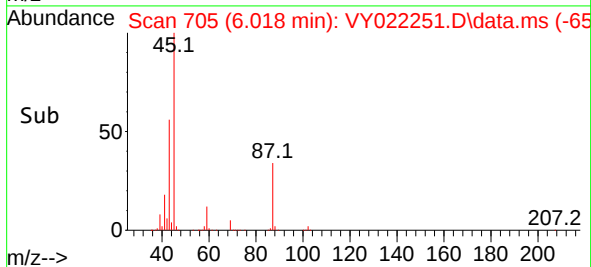
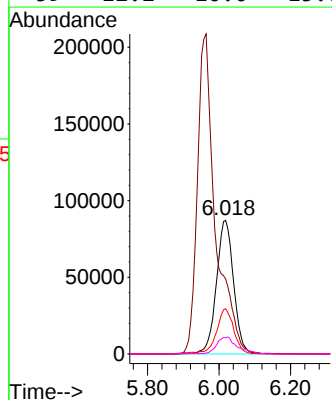
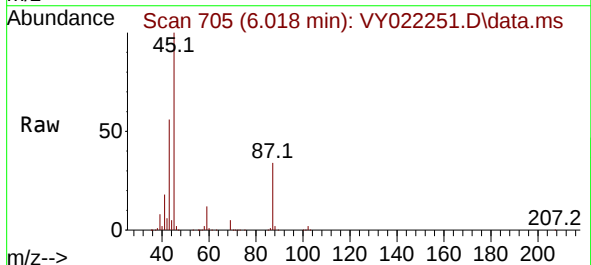
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

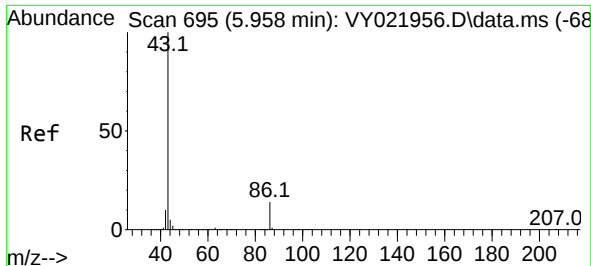
Tgt Ion: 96 Resp: 108262
Ion Ratio Lower Upper
96 100
61 121.6 92.6 138.8
98 60.7 50.2 75.4



#22
Diisopropyl ether
Concen: 57.271 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 45 Resp: 290873
Ion Ratio Lower Upper
45 100
43 56.0 43.6 65.4
87 33.9 28.2 42.4
59 12.2 10.0 15.0

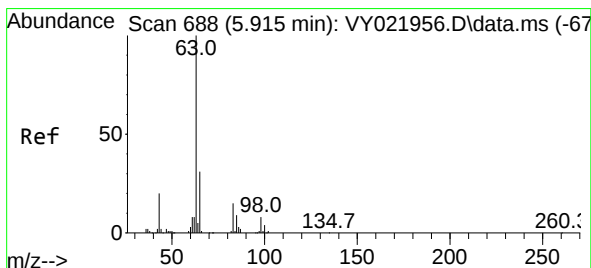
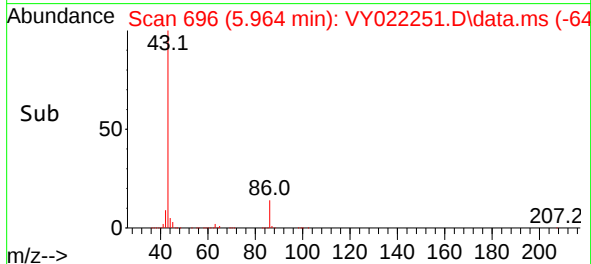
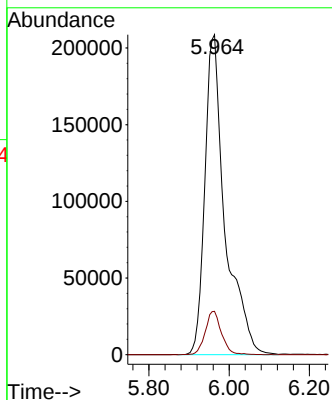
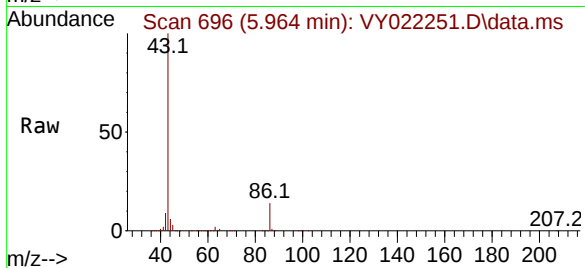




#23
 Vinyl Acetate
 Concen: 266.289 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022251.D
 Acq: 13 May 2025 18:36

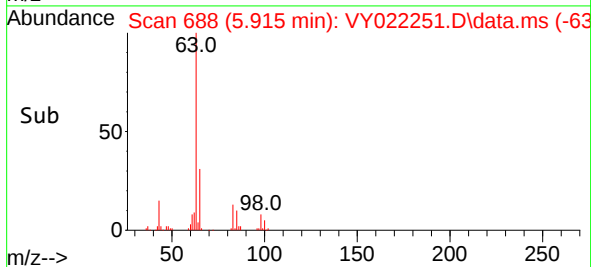
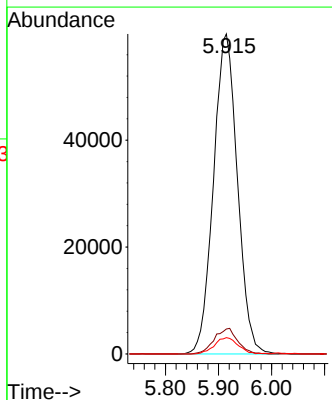
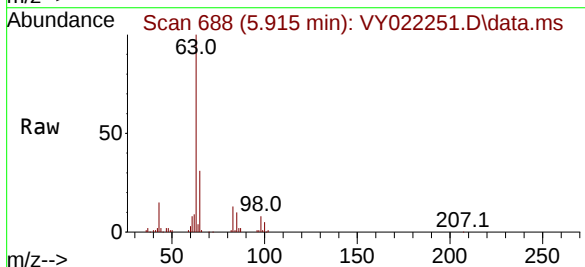
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

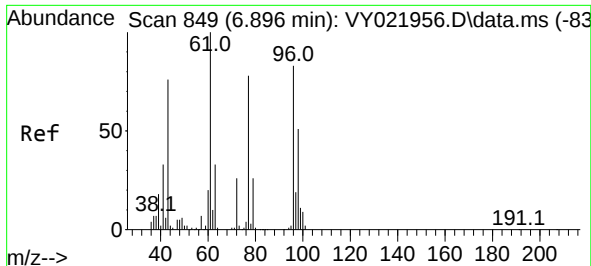
Tgt Ion: 43 Resp: 728877
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 53.239 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022251.D
 Acq: 13 May 2025 18:36

Tgt Ion: 63 Resp: 187425
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.1 2.0 6.0

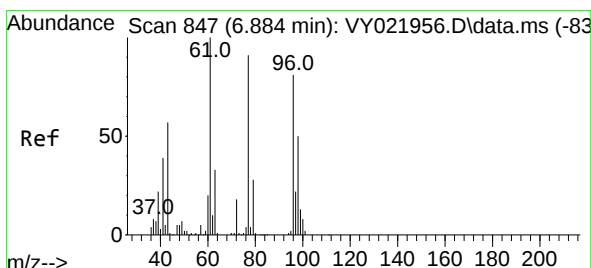
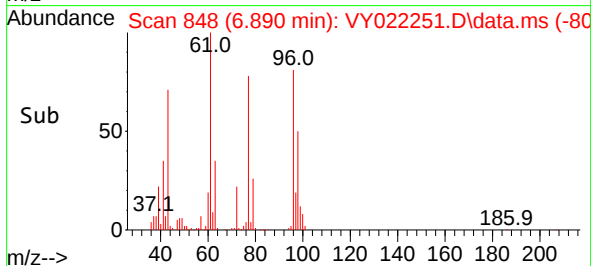
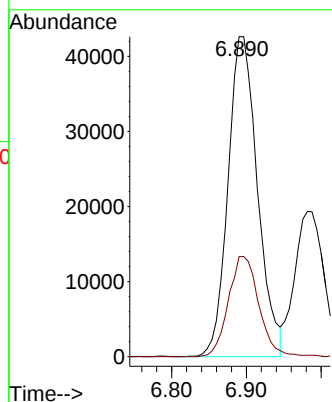
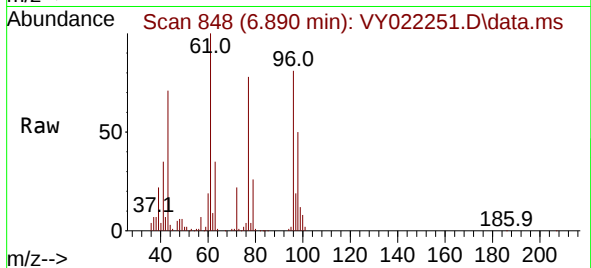




#25
2-Butanone
Concen: 281.817 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

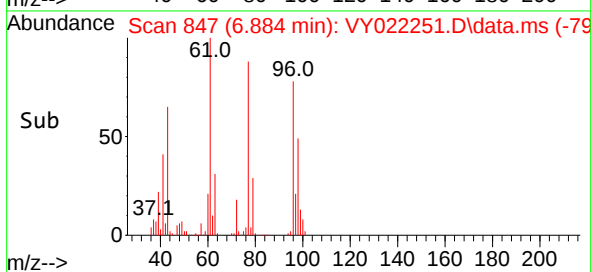
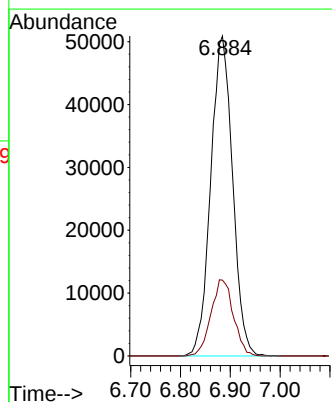
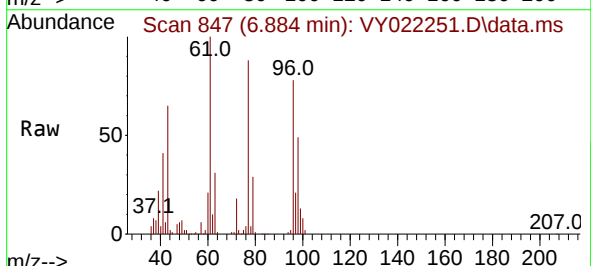
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

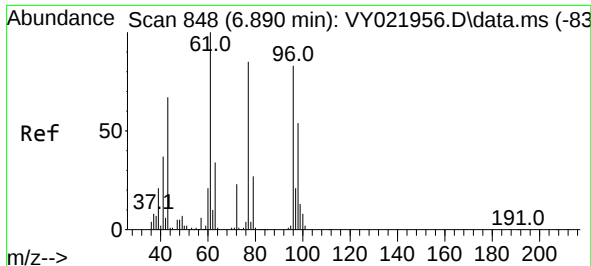
Tgt Ion: 43 Resp: 116990
Ion Ratio Lower Upper
43 100
72 31.2 27.0 40.4



#26
2,2-Dichloropropane
Concen: 50.207 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 77 Resp: 154917
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 52.378 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

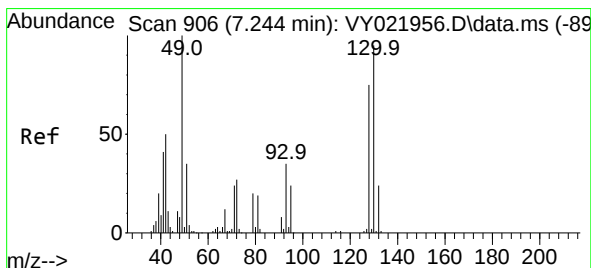
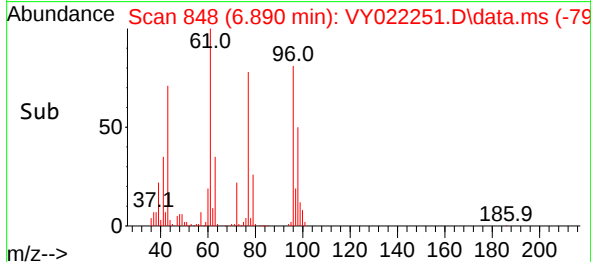
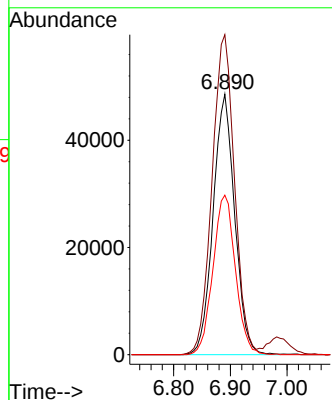
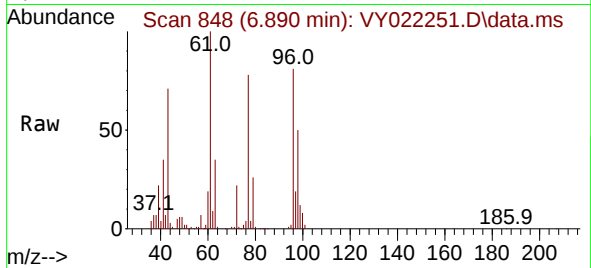
Tgt Ion: 96 Resp: 128558

Ion Ratio Lower Upper

96 100

61 127.3 0.0 251.4

98 63.7 0.0 128.4



#28

Bromochloromethane

Concen: 57.351 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

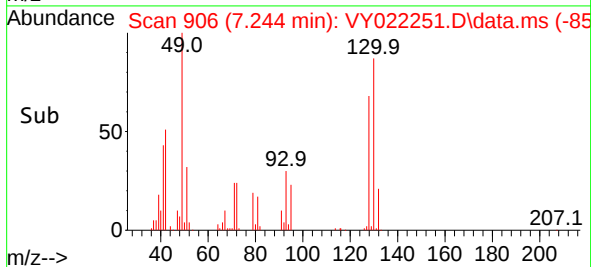
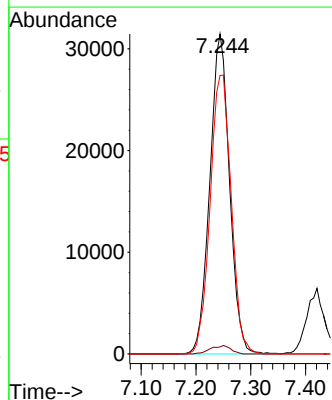
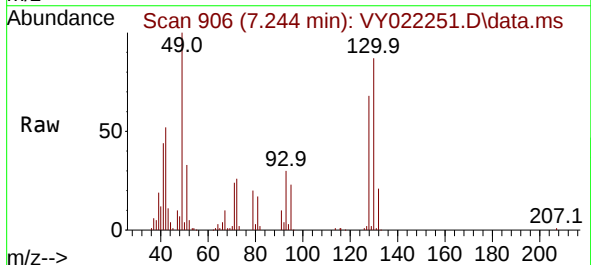
Tgt Ion: 49 Resp: 78423

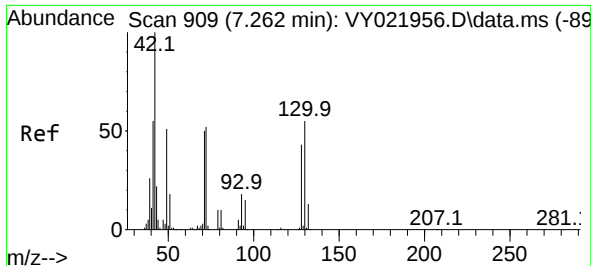
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 93.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 296.153 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

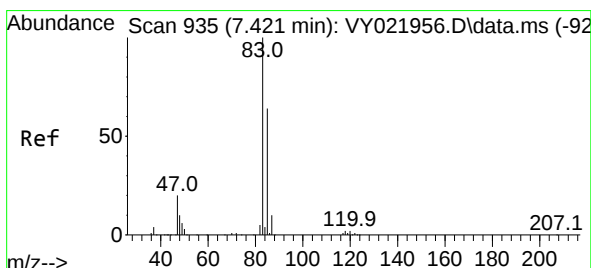
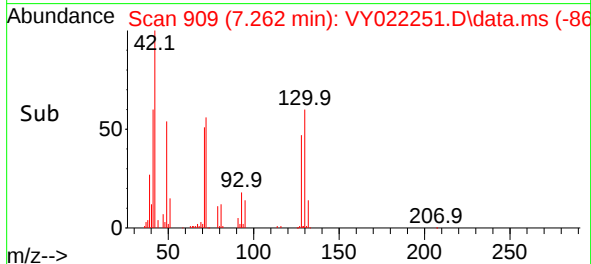
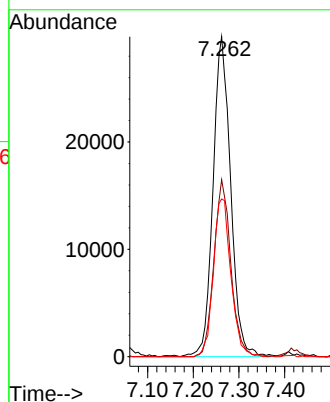
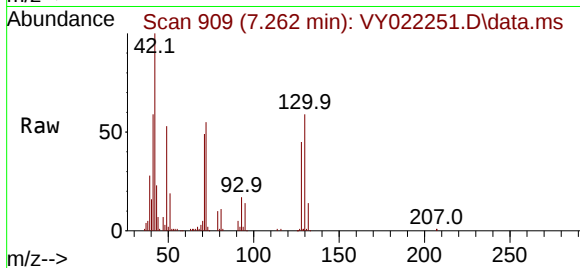
Tgt Ion: 42 Resp: 79848

Ion Ratio Lower Upper

42 100

72 53.2 42.6 63.8

71 49.2 40.6 61.0



#30

Chloroform

Concen: 54.469 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022251.D

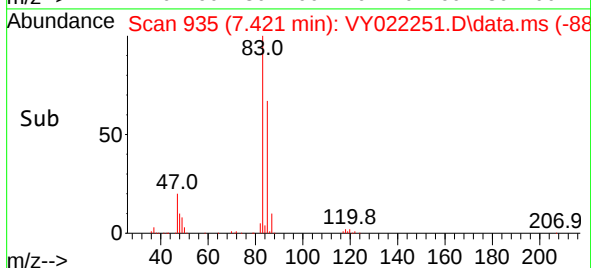
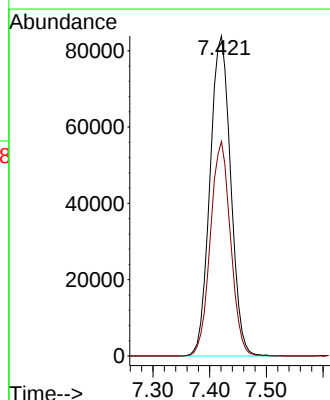
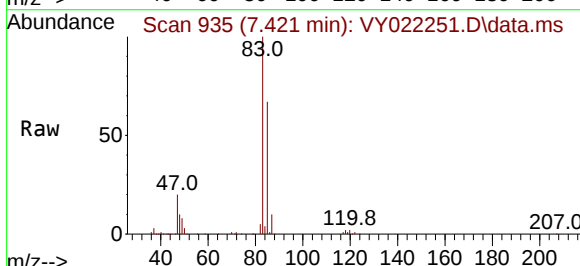
Acq: 13 May 2025 18:36

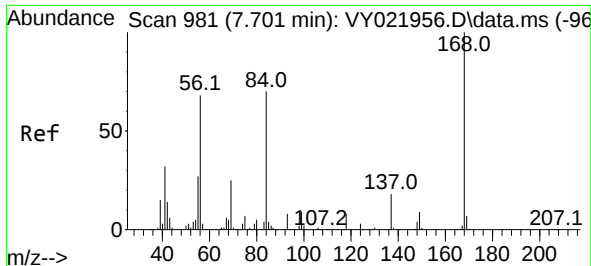
Tgt Ion: 83 Resp: 212699

Ion Ratio Lower Upper

83 100

85 67.1 51.3 76.9

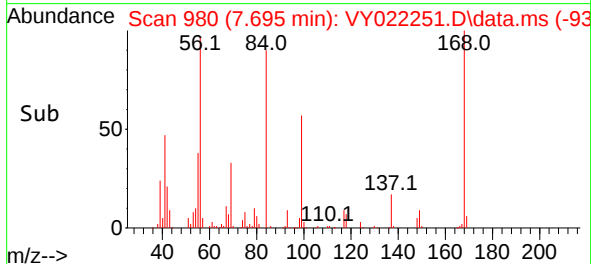
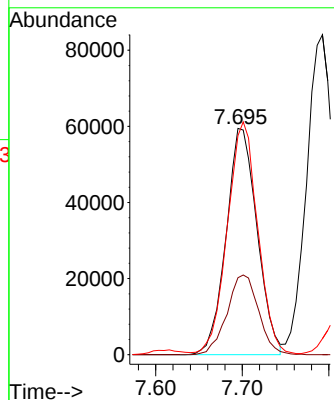
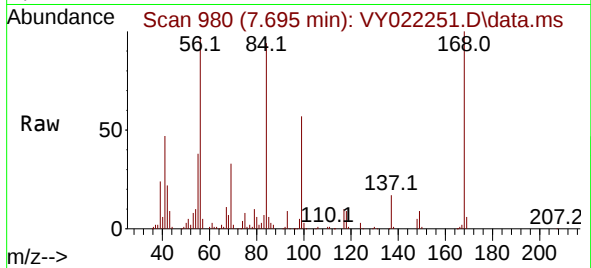




#31
Cyclohexane
Concen: 49.017 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

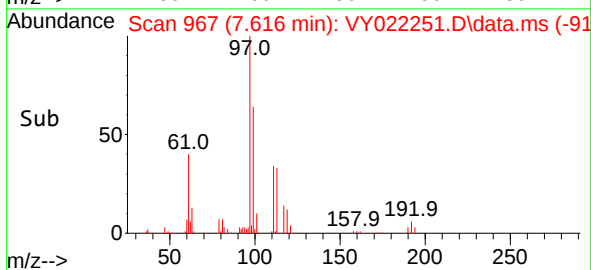
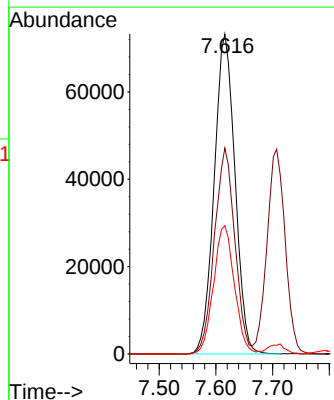
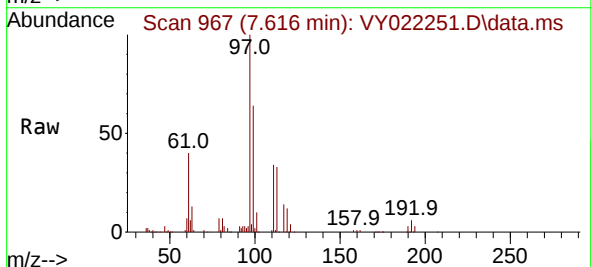
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 147566
Ion Ratio Lower Upper
56 100
69 34.0 29.4 44.2
84 95.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 52.784 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 97 Resp: 186478
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 40.2 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.051 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

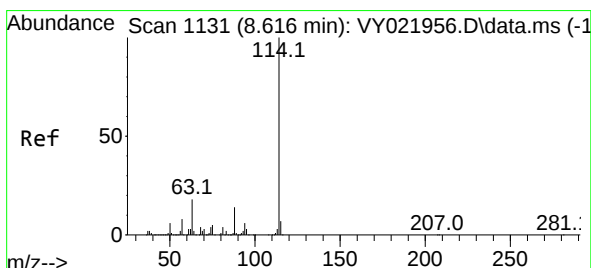
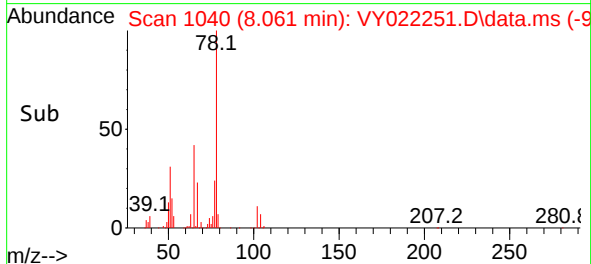
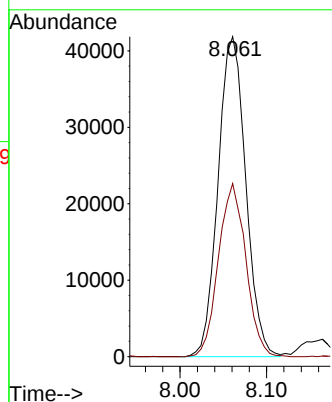
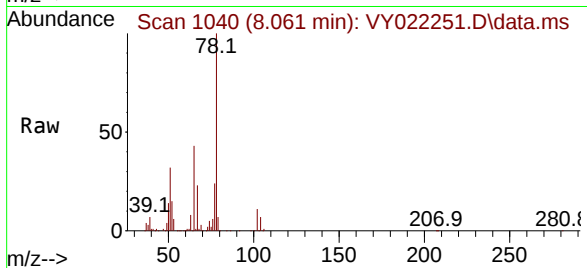
VSTDCCC050EC

Tgt Ion: 65 Resp: 92973

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

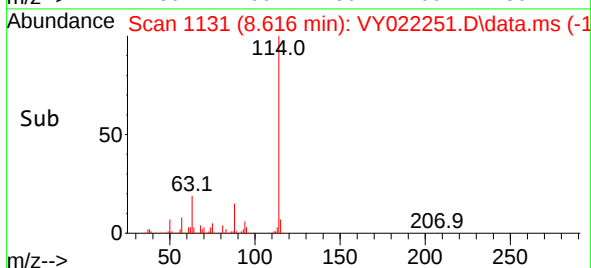
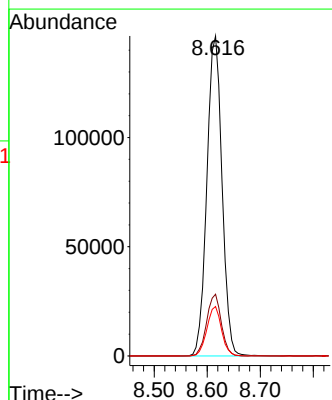
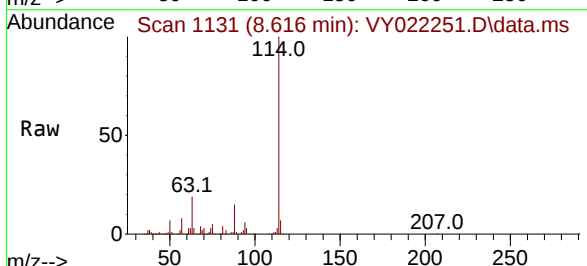
Tgt Ion: 114 Resp: 289841

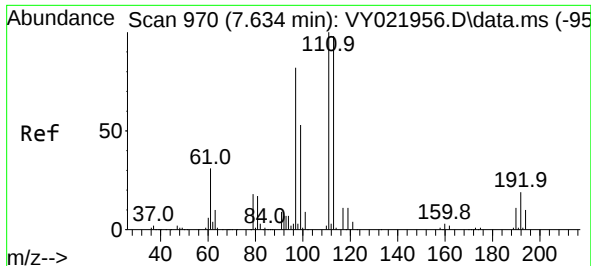
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.4

88 15.5 0.0 28.2

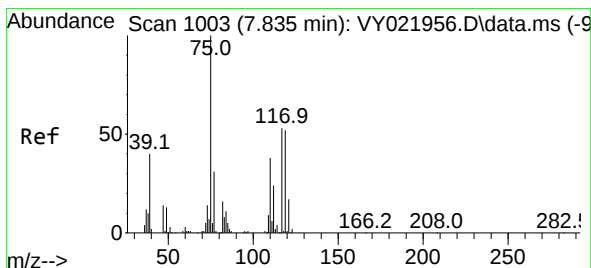
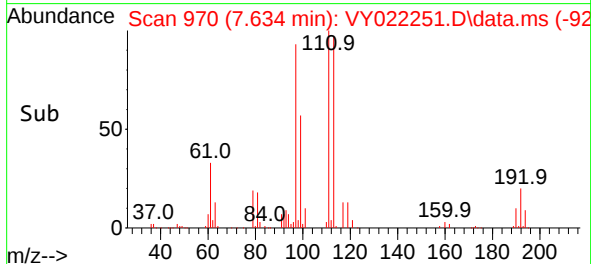
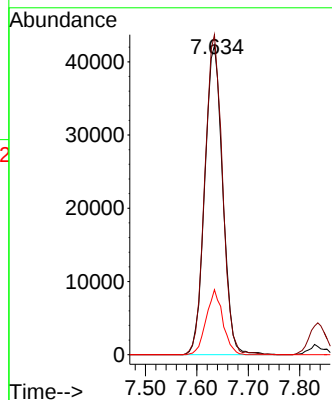
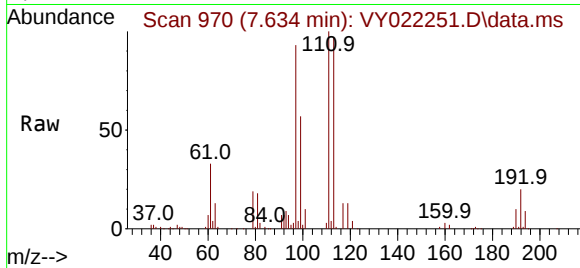




#35
Dibromofluoromethane
Concen: 53.445 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

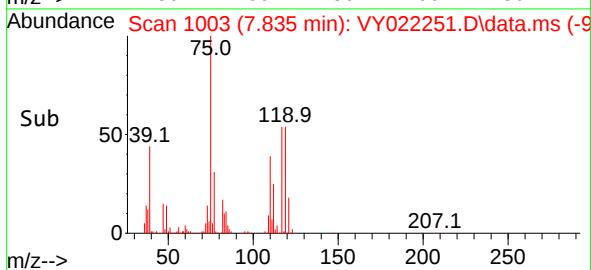
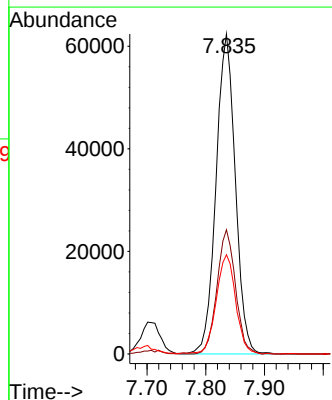
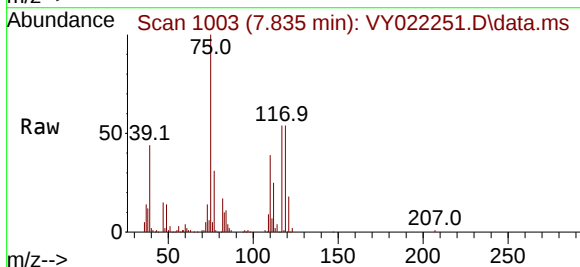
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

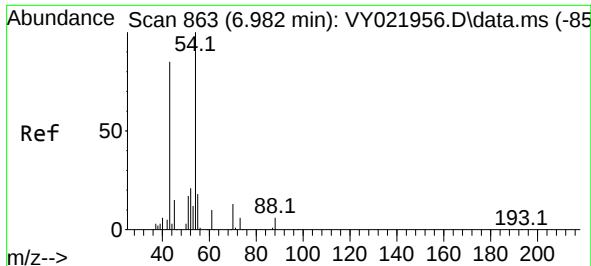
Tgt Ion:113 Resp: 102339
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 55.308 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 75 Resp: 142261
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.3
77 31.4 25.5 38.3





#37

Ethyl Acetate

Concen: 59.574 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

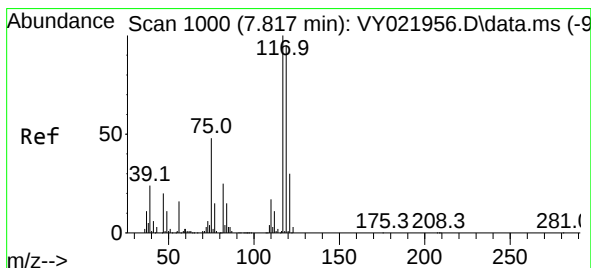
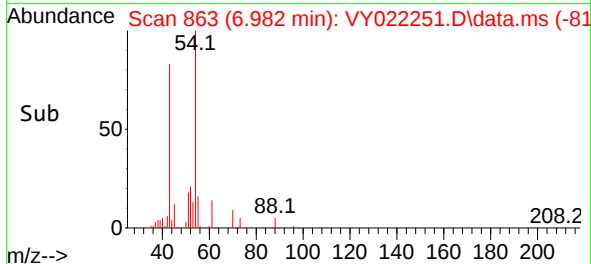
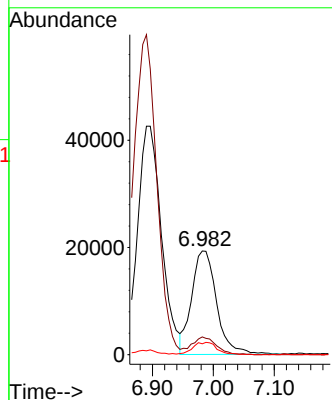
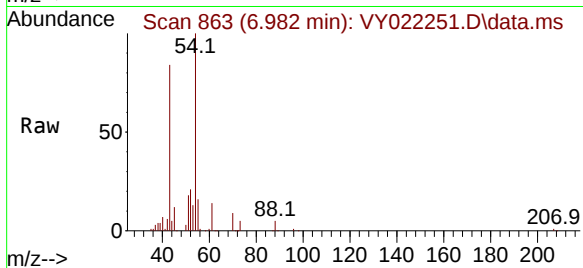
Tgt Ion: 43 Resp: 55034

Ion Ratio Lower Upper

43 100

61 15.6 13.8 20.6

70 11.6 9.2 13.8



#38

Carbon Tetrachloride

Concen: 55.655 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

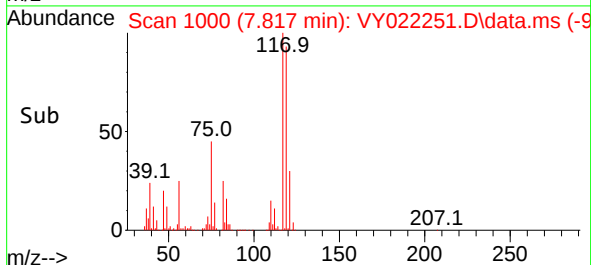
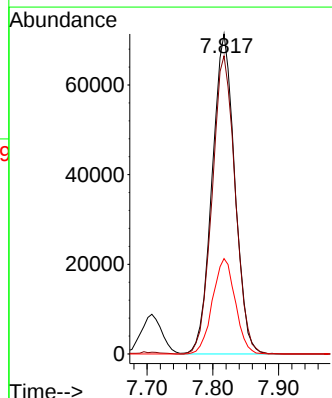
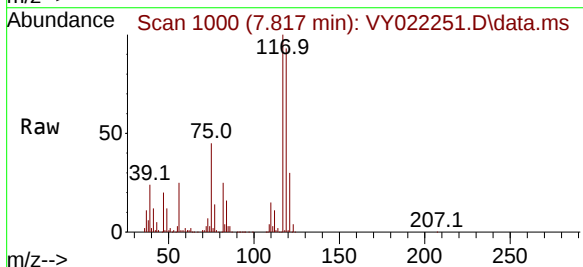
Tgt Ion: 117 Resp: 171058

Ion Ratio Lower Upper

117 100

119 93.2 76.2 114.4

121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 53.041 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

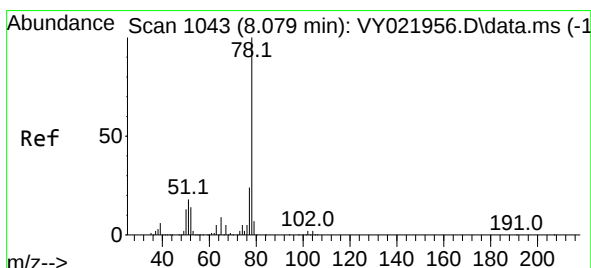
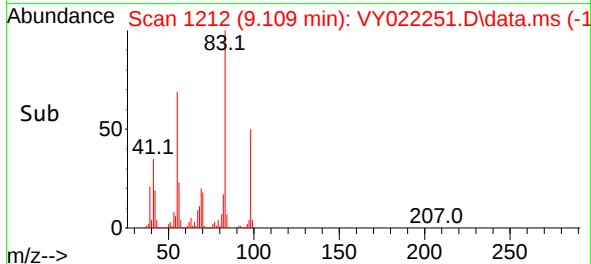
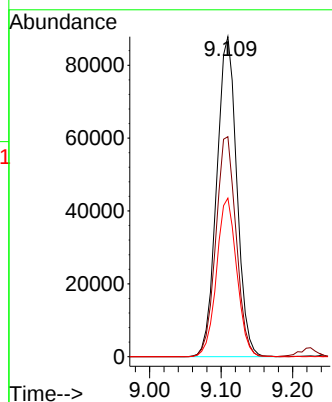
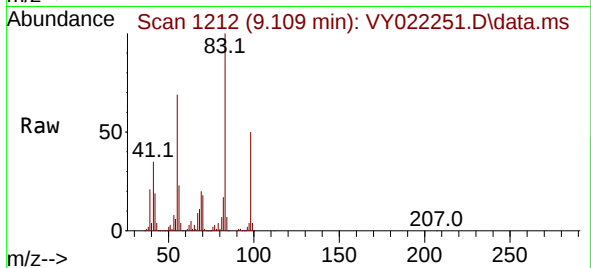
Tgt Ion: 83 Resp: 171688

Ion Ratio Lower Upper

83 100

55 68.7 50.6 75.8

98 49.5 38.6 58.0



#40

Benzene

Concen: 56.700 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022251.D

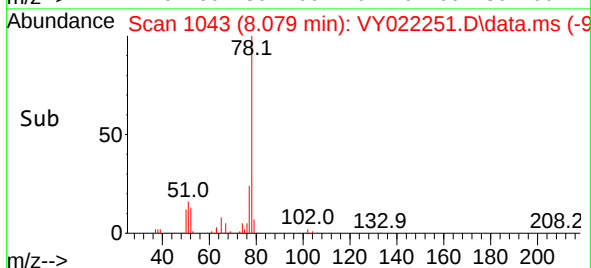
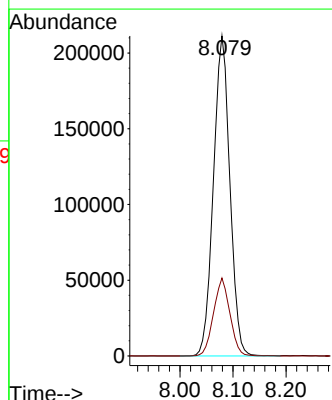
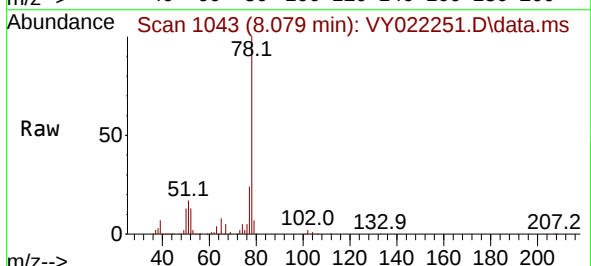
Acq: 13 May 2025 18:36

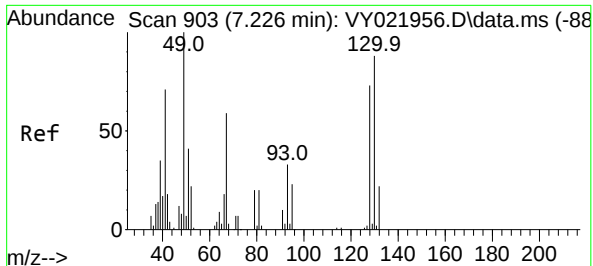
Tgt Ion: 78 Resp: 455893

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

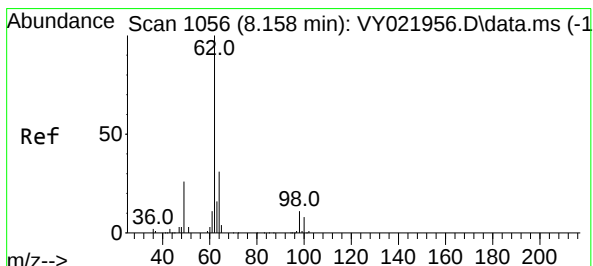
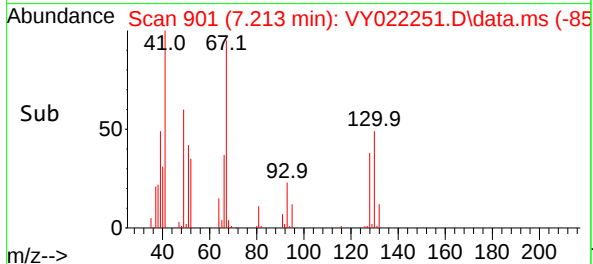
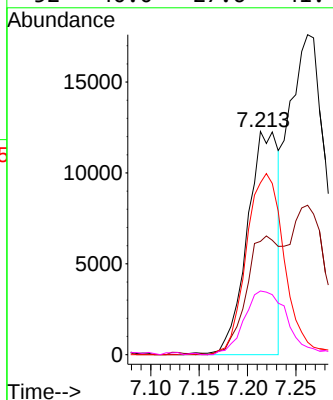
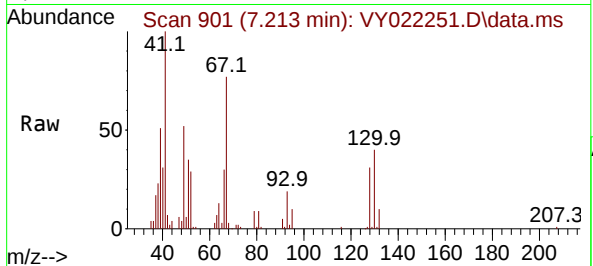




#41
Methacrylonitrile
Concen: 54.413 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

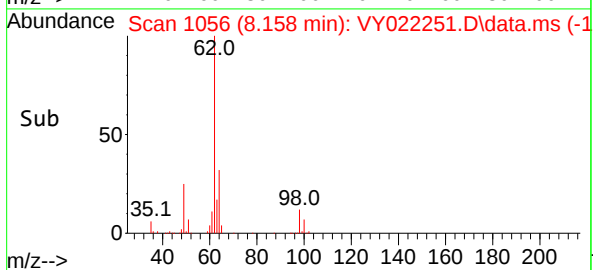
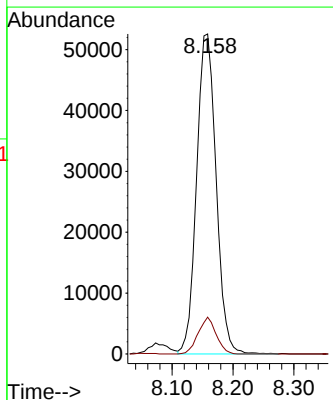
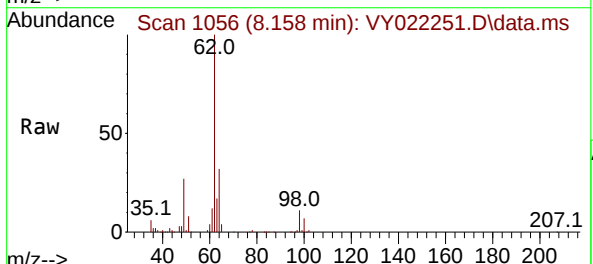
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

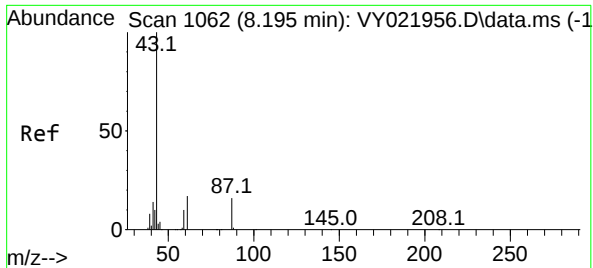
Tgt Ion: 41 Resp: 27478
Ion Ratio Lower Upper
41 100
39 54.3 36.6 55.0
67 99.4 72.2 108.4
52 40.0 27.6 41.4



#42
1,2-Dichloroethane
Concen: 58.810 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 62 Resp: 117073
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

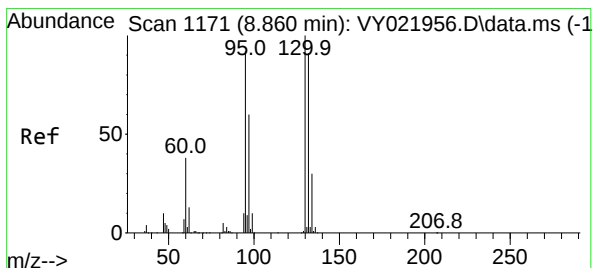
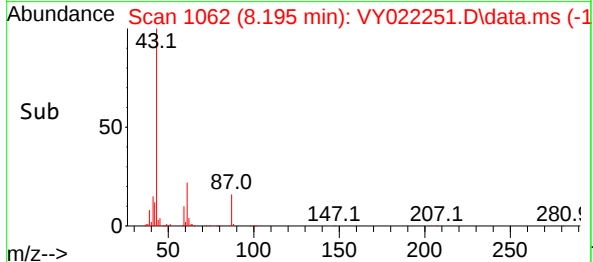
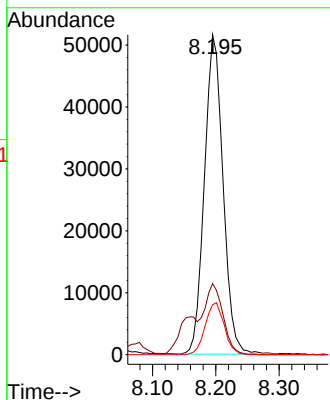
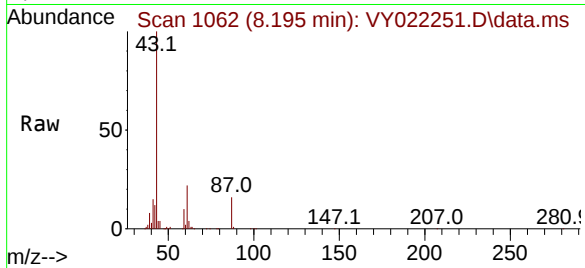




#43
Isopropyl Acetate
Concen: 59.627 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

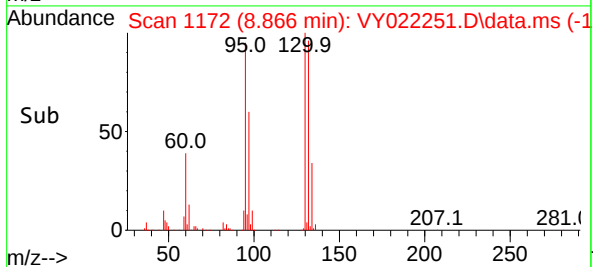
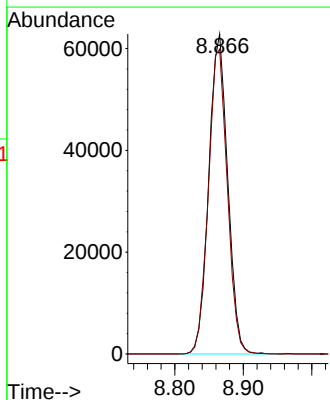
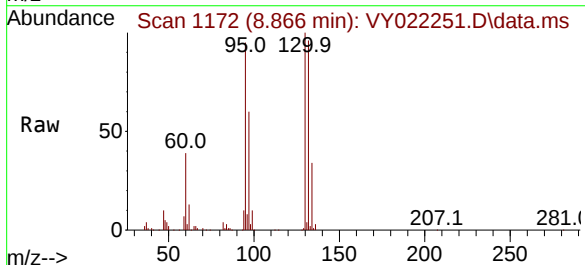
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 105783
Ion Ratio Lower Upper
43 100
61 22.6 18.9 28.3
87 16.6 13.7 20.5



#44
Trichloroethene
Concen: 54.070 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion:130 Resp: 120417
Ion Ratio Lower Upper
130 100
95 95.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 58.976 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

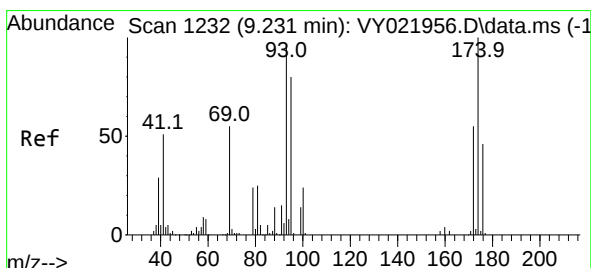
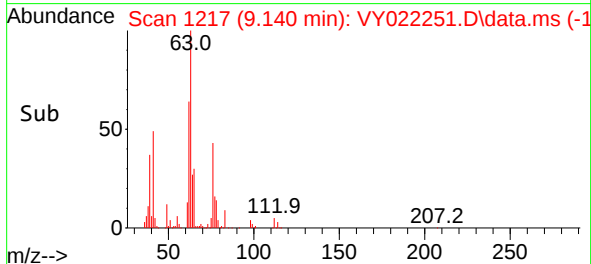
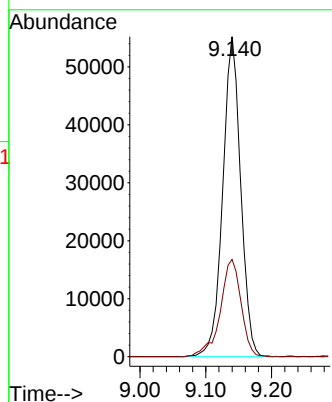
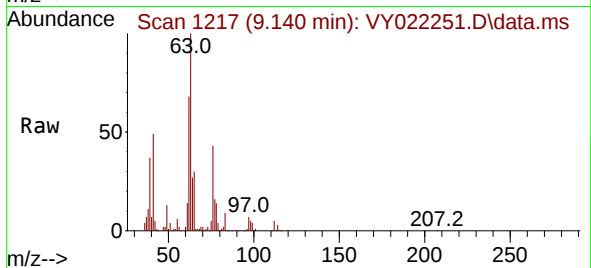
VSTDCCC050EC

Tgt Ion: 63 Resp: 104865

Ion Ratio Lower Upper

63 100

65 30.4 25.2 37.8



#46

Dibromomethane

Concen: 58.251 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

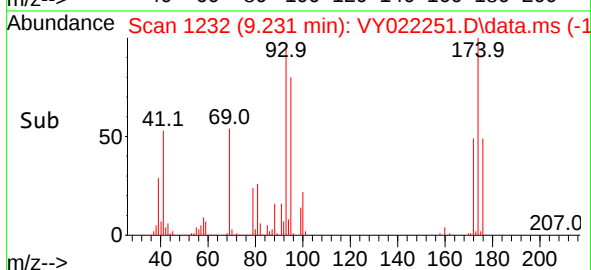
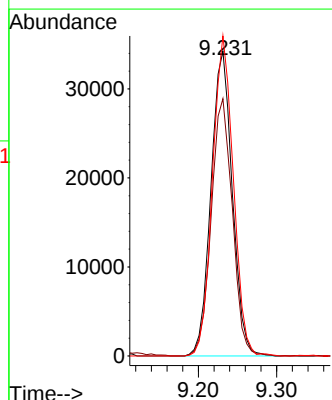
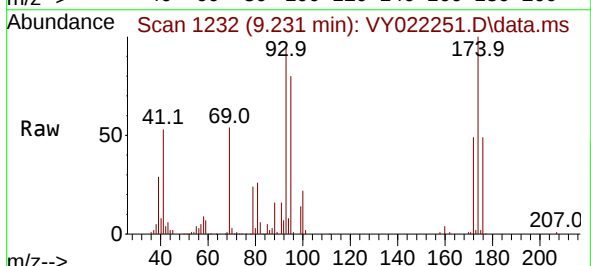
Tgt Ion: 93 Resp: 64838

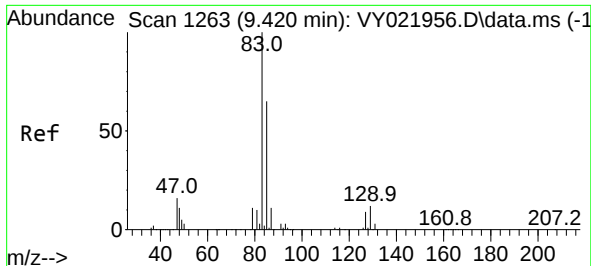
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 102.6 84.6 127.0

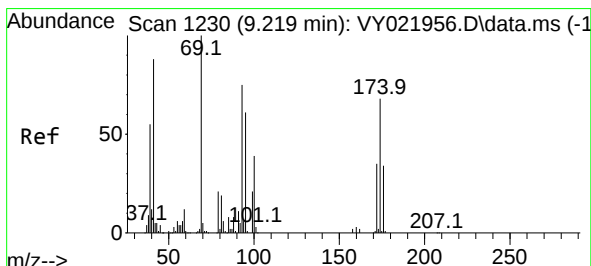
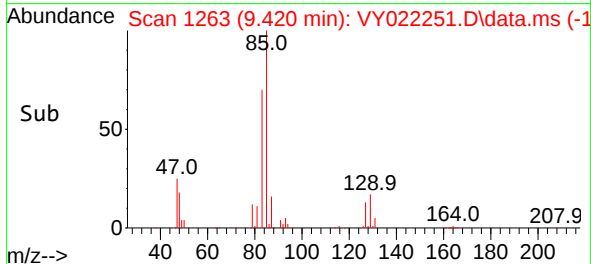
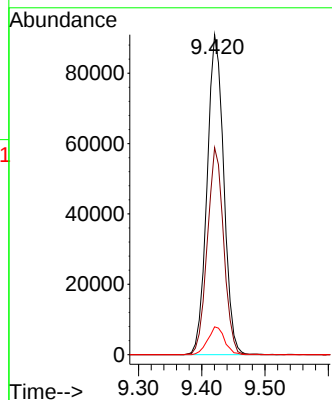
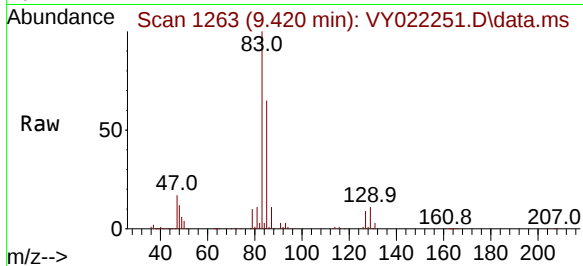




#47
Bromodichloromethane
Concen: 59.882 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

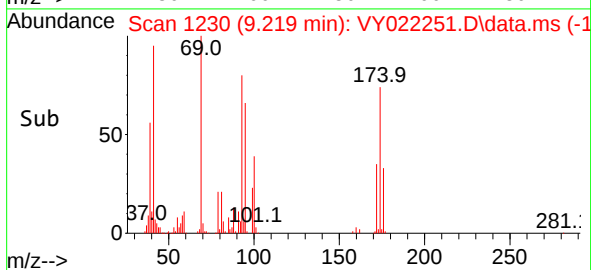
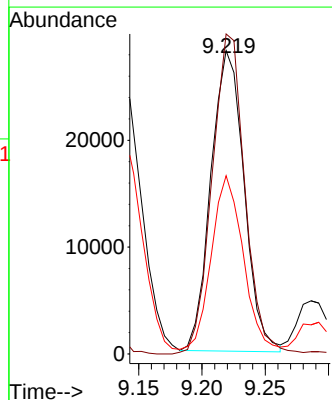
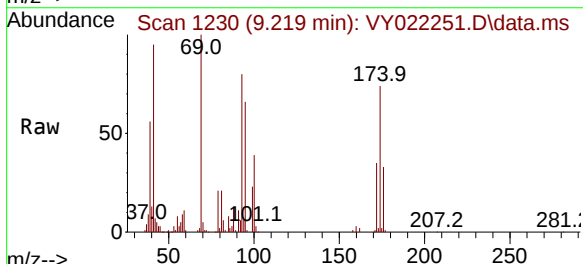
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

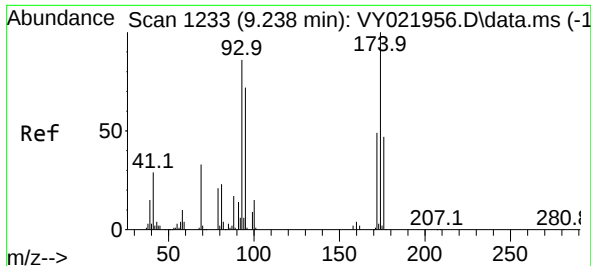
Tgt Ion: 83 Resp: 166509
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 62.523 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 41 Resp: 51276
Ion Ratio Lower Upper
41 100
69 104.9 85.5 128.3
39 55.1 46.2 69.4





#49

1,4-Dioxane

Concen: 1185.225 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

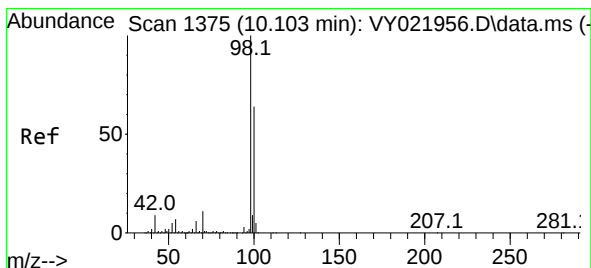
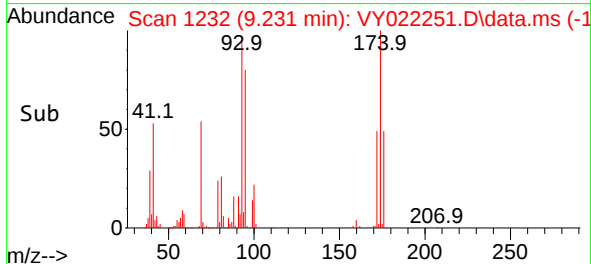
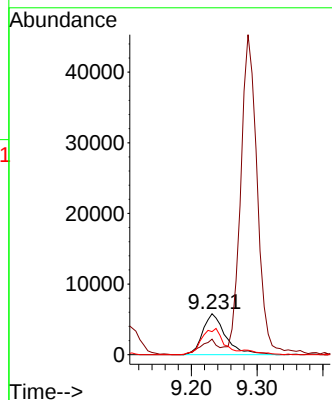
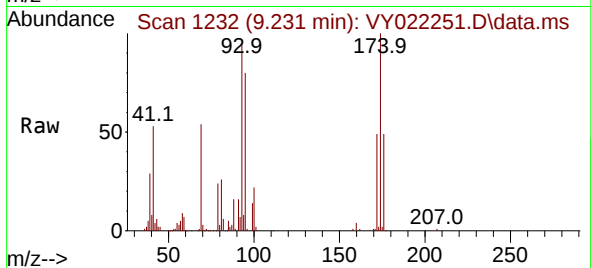
Tgt Ion: 88 Resp: 14061

Ion Ratio Lower Upper

88 100

43 26.7 21.3 31.9

58 61.7 50.5 75.7



#50

Toluene-d8

Concen: 54.165 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022251.D

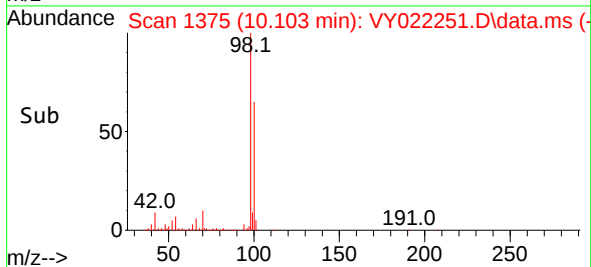
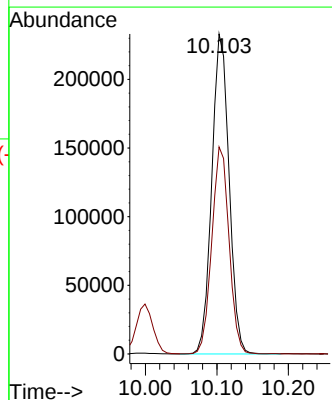
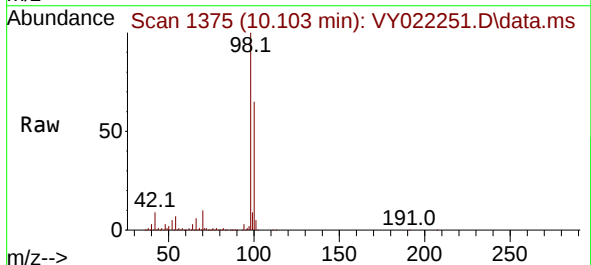
Acq: 13 May 2025 18:36

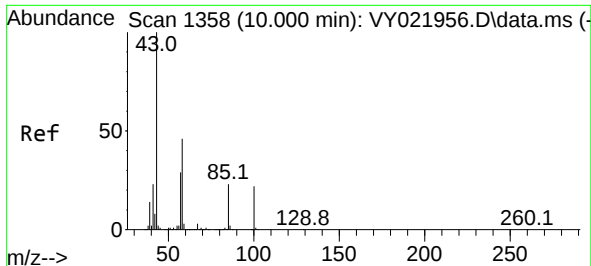
Tgt Ion: 98 Resp: 391016

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

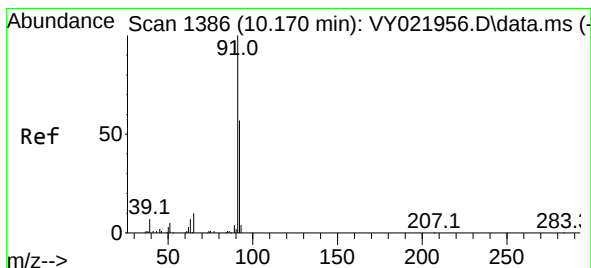
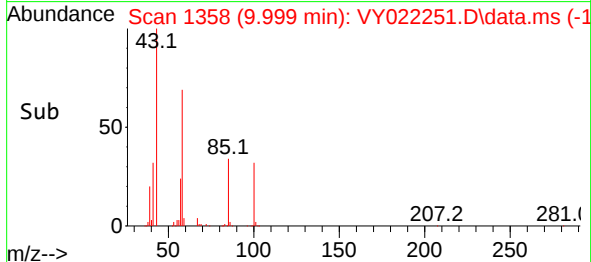
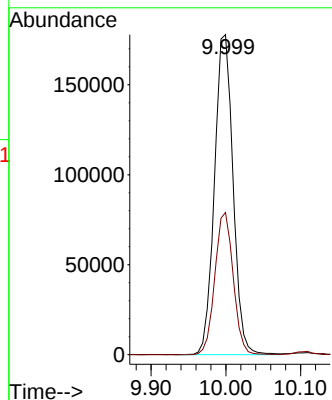
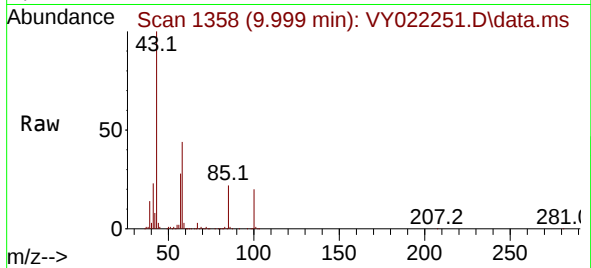




#51
4-Methyl-2-Pentanone
Concen: 331.184 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

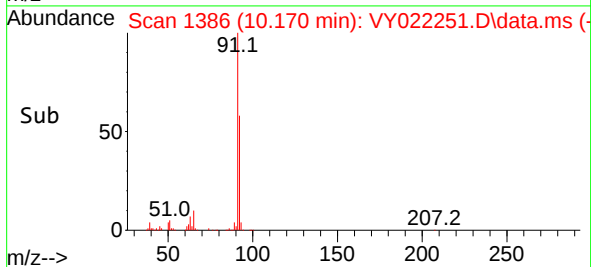
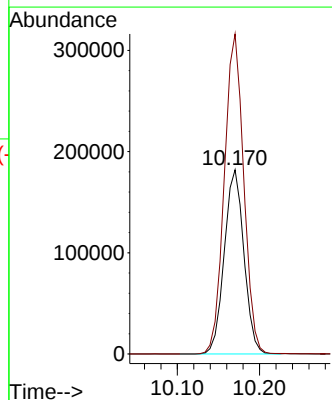
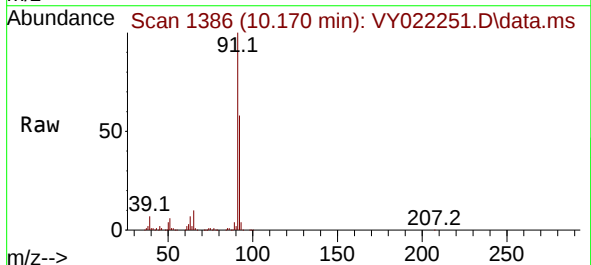
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

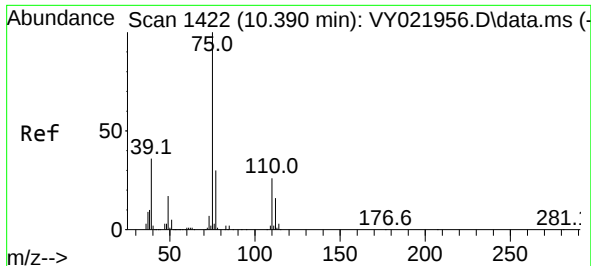
Tgt Ion: 43 Resp: 307996
Ion Ratio Lower Upper
43 100
58 43.9 36.6 55.0



#52
Toluene
Concen: 57.981 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 92 Resp: 301770
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

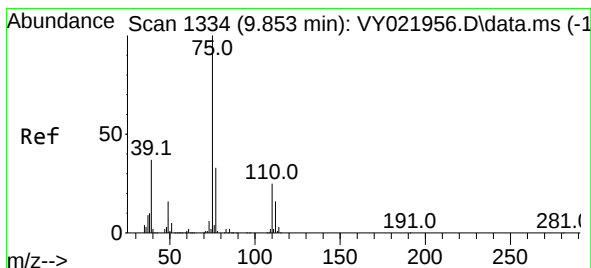
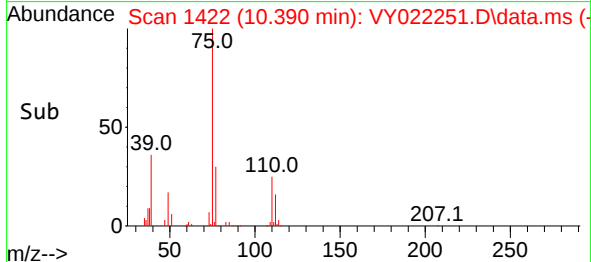
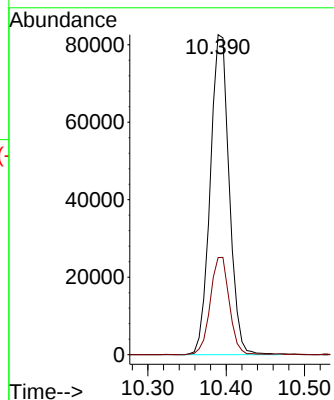
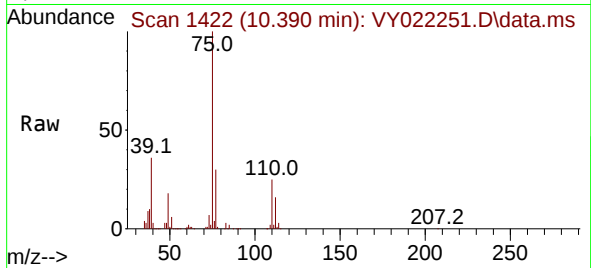




#53
t-1,3-Dichloropropene
Concen: 58.229 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

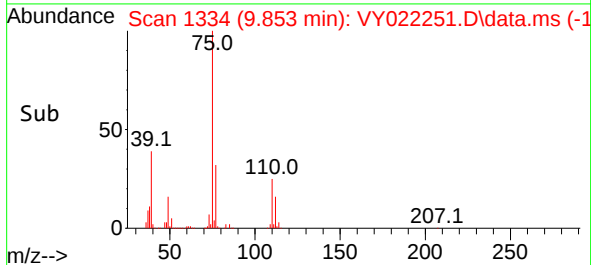
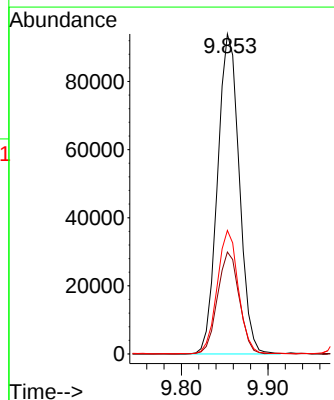
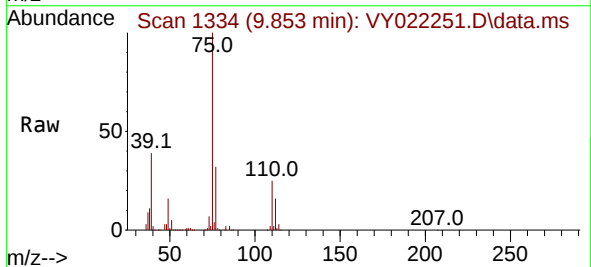
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 138881
Ion Ratio Lower Upper
75 100
77 30.4 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 57.688 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 75 Resp: 163556
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
39 38.5 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 60.766 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90348

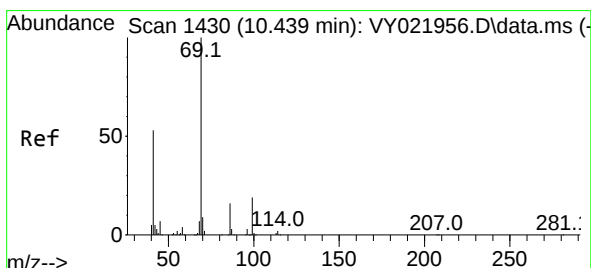
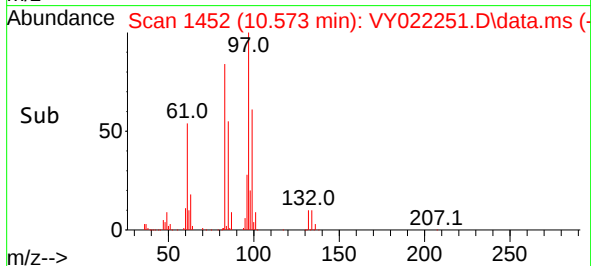
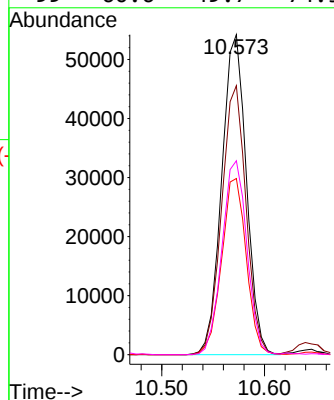
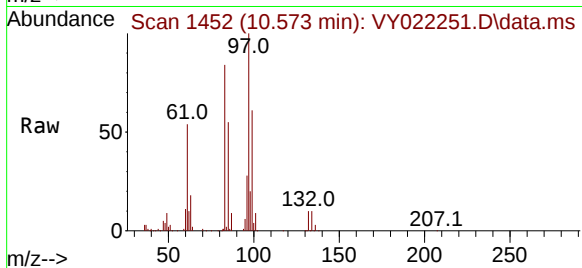
Ion Ratio Lower Upper

97 100

83 84.1 66.7 100.1

85 55.1 42.6 64.0

99 60.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 60.050 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

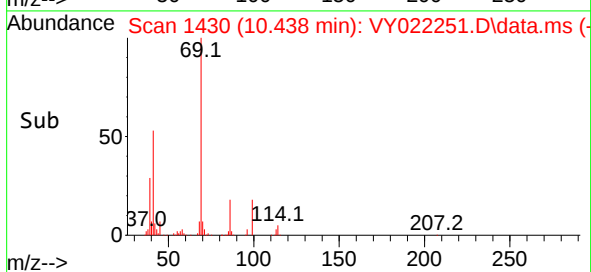
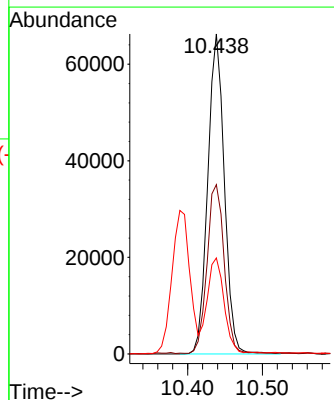
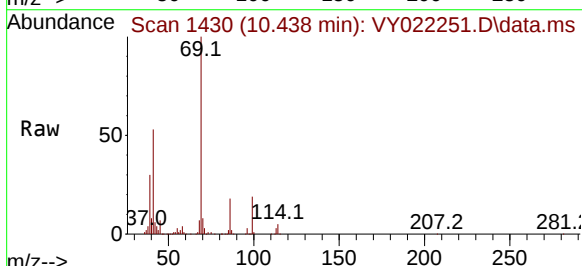
Tgt Ion: 69 Resp: 102100

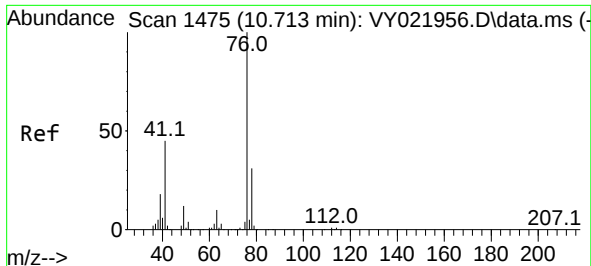
Ion Ratio Lower Upper

69 100

41 54.6 40.7 61.1

39 30.5 23.3 34.9





#57

1,3-Dichloropropane

Concen: 59.842 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

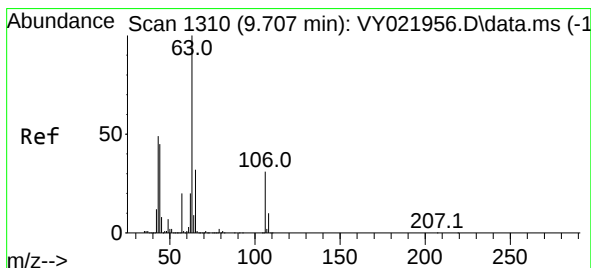
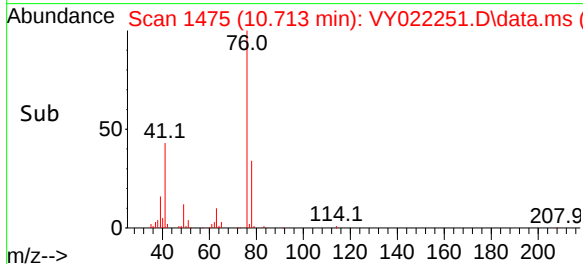
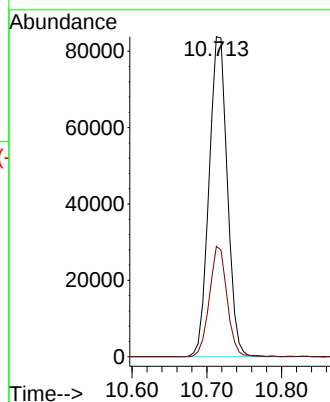
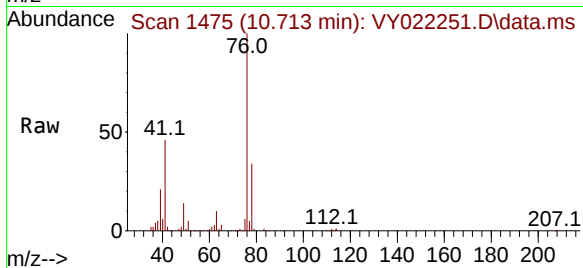
VSTDCCC050EC

Tgt Ion: 76 Resp: 142636

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 318.629 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022251.D

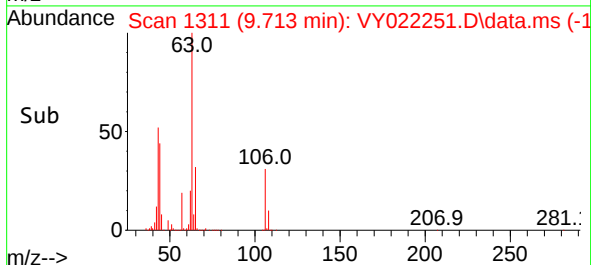
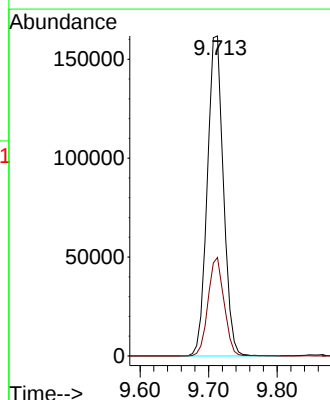
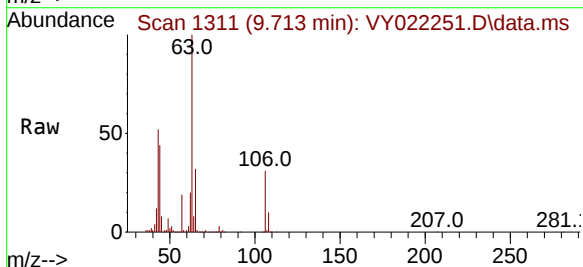
Acq: 13 May 2025 18:36

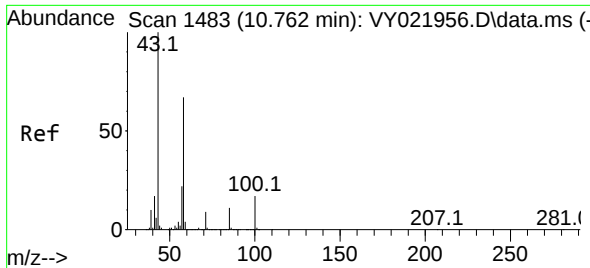
Tgt Ion: 63 Resp: 264880

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

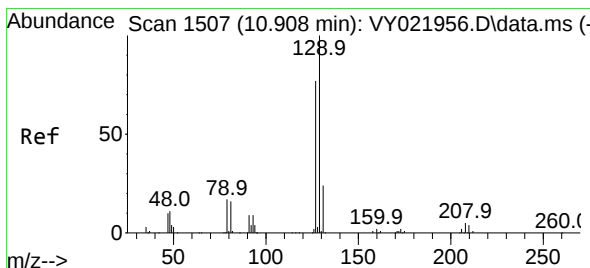
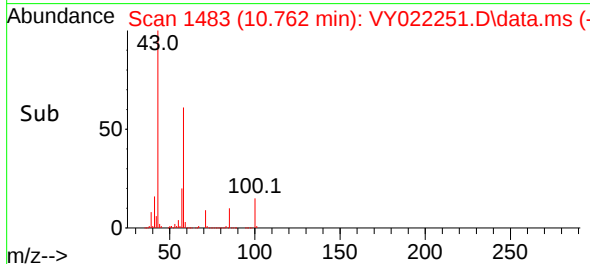
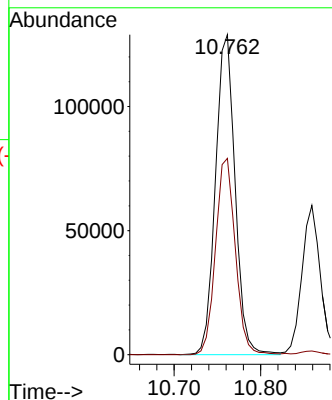
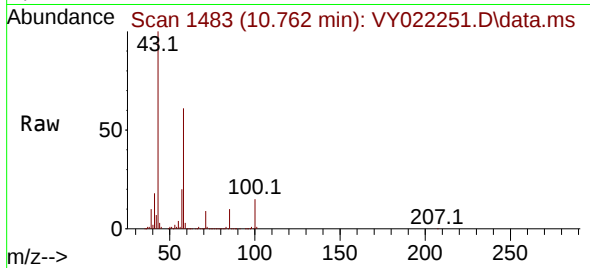




#59
2-Hexanone
Concen: 330.921 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

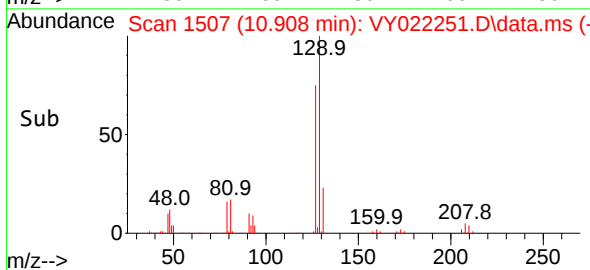
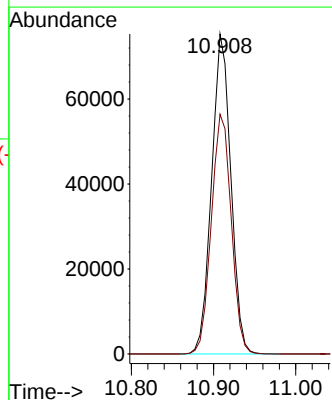
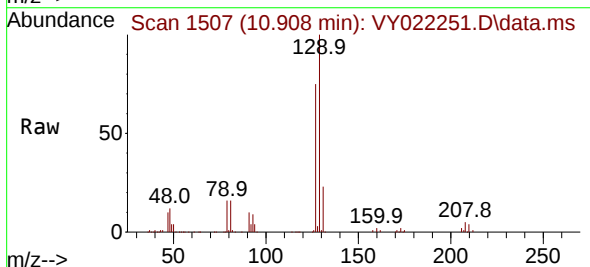
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

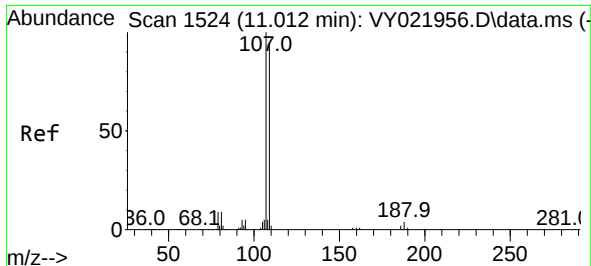
Tgt Ion: 43 Resp: 202988
Ion Ratio Lower Upper
43 100
58 61.9 32.0 96.0



#60
Dibromochloromethane
Concen: 59.489 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 129 Resp: 122456
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

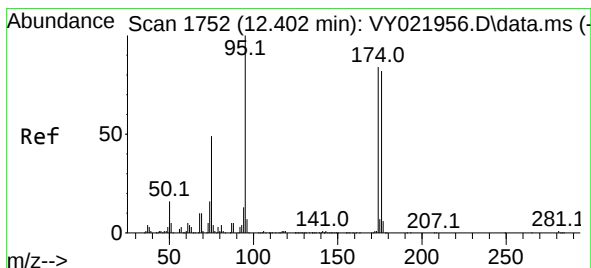
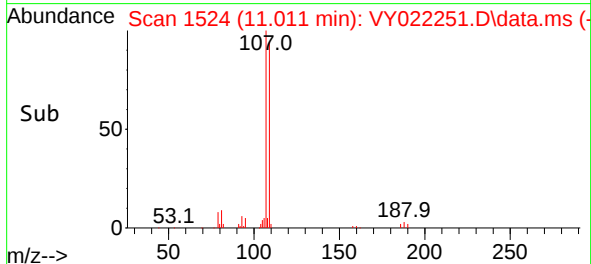
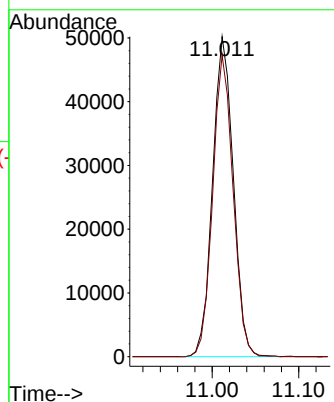
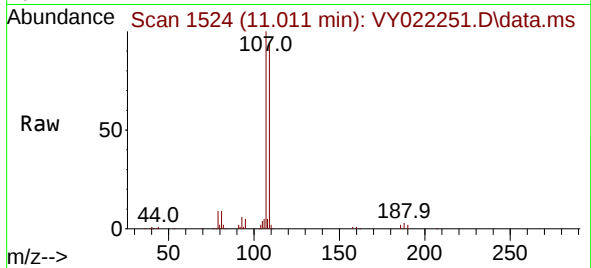




#61
1,2-Dibromoethane
Concen: 59.431 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

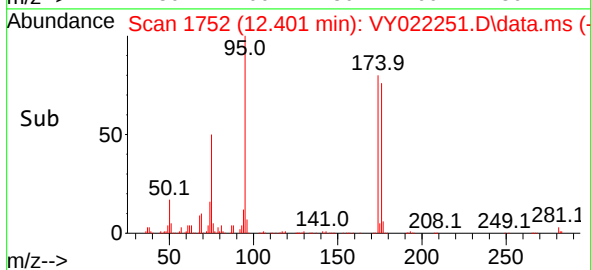
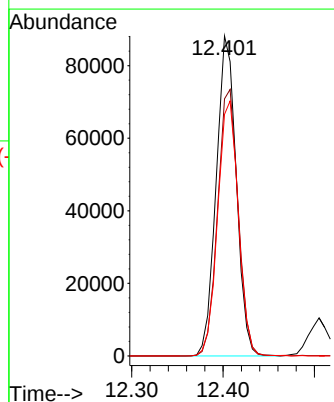
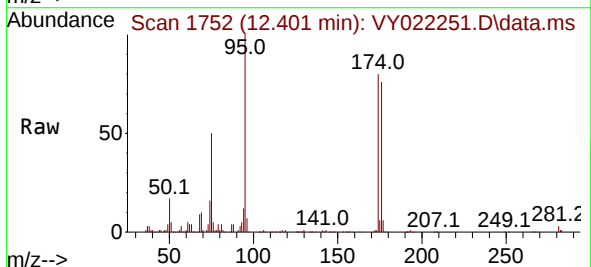
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

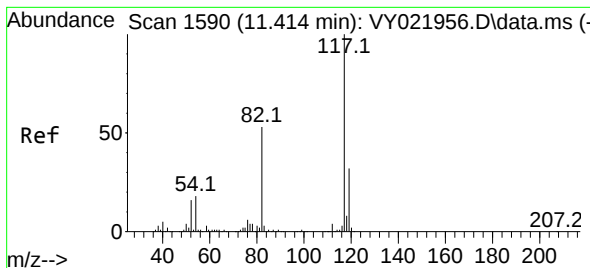
Tgt Ion:107 Resp: 83420
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 95 Resp: 134345
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

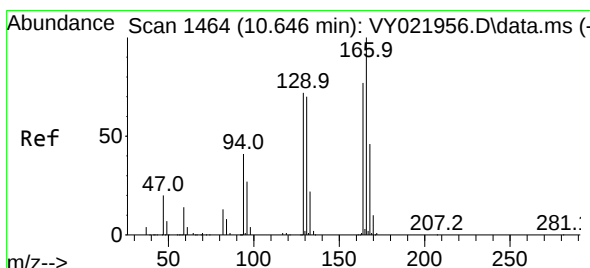
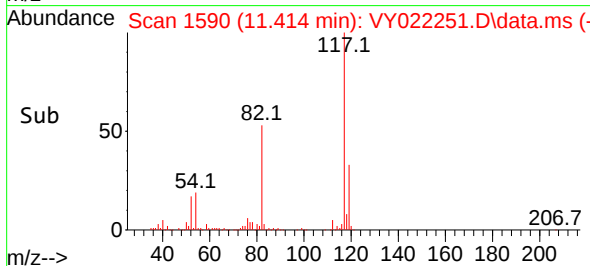
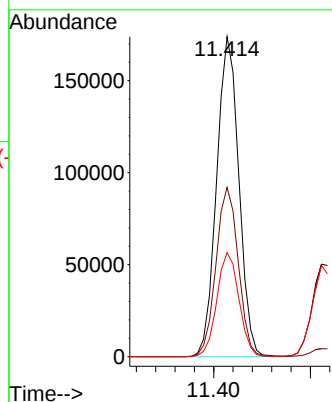
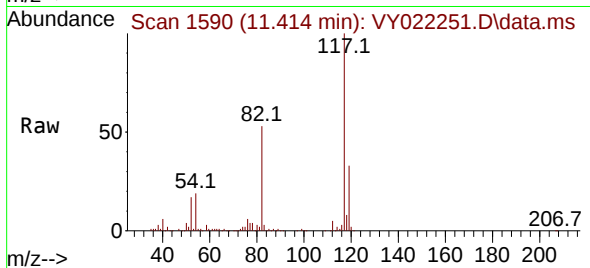
Tgt Ion:117 Resp: 277090

Ion Ratio Lower Upper

117 100

82 52.9 42.1 63.1

119 32.5 25.7 38.5



#64

Tetrachloroethene

Concen: 53.429 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Tgt Ion:164 Resp: 139661

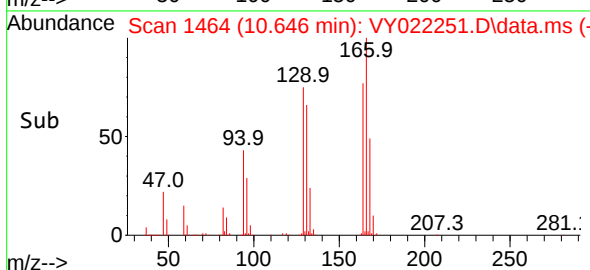
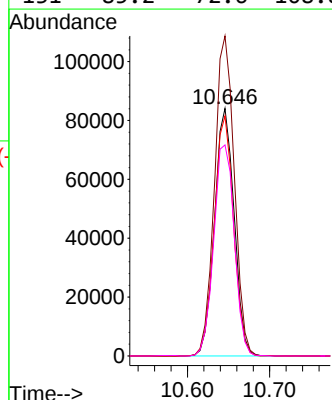
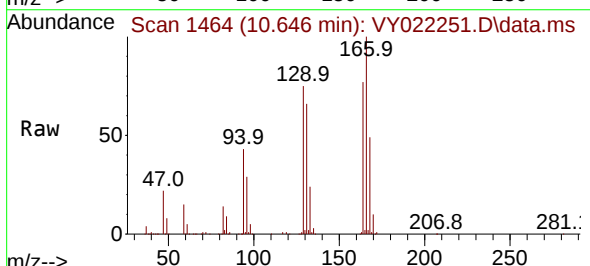
Ion Ratio Lower Upper

164 100

166 129.3 103.6 155.4

129 97.0 74.2 111.4

131 85.2 72.6 108.8

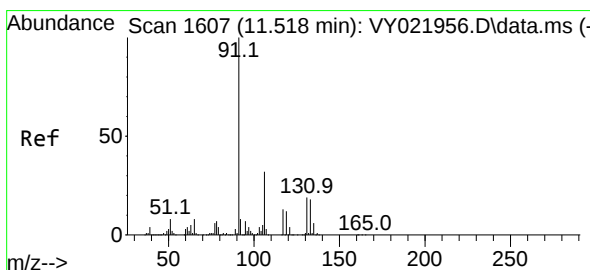
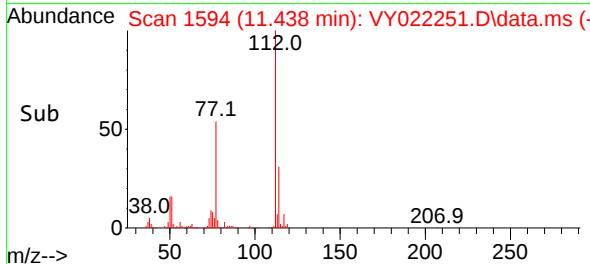
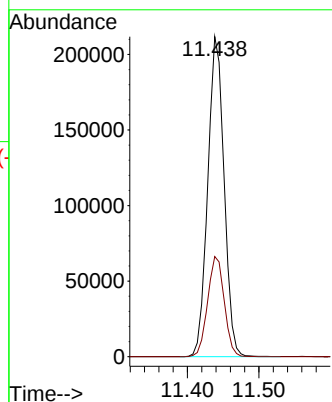
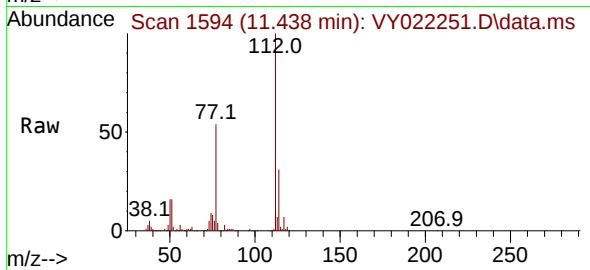




#65
Chlorobenzene
Concen: 54.174 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

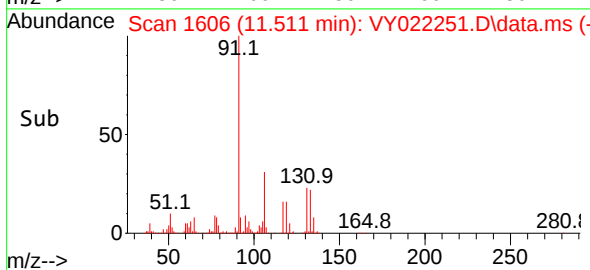
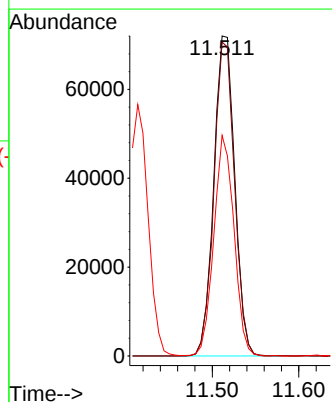
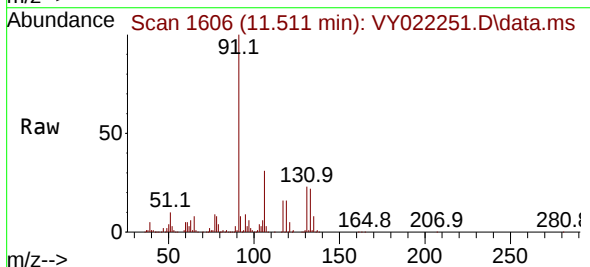
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

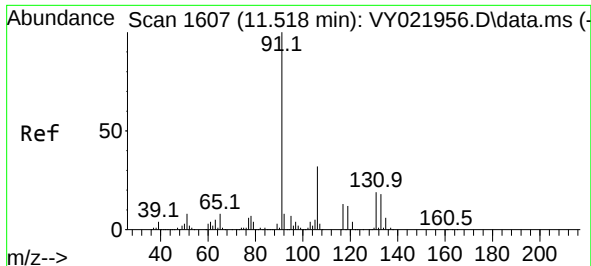
Tgt Ion:112 Resp: 335684
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.410 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion:131 Resp: 120877
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 66.5 32.4 97.0





#67

Ethyl Benzene

Concen: 55.607 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

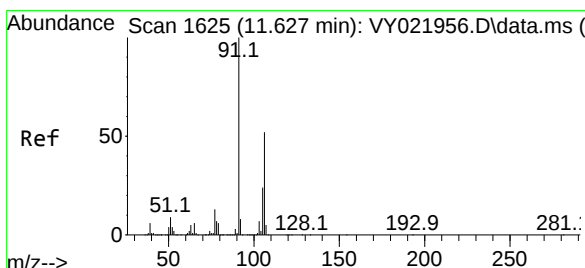
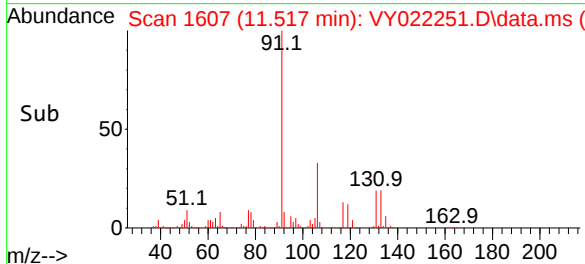
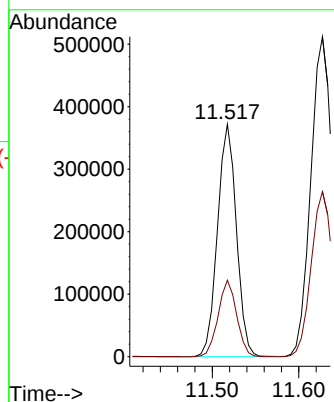
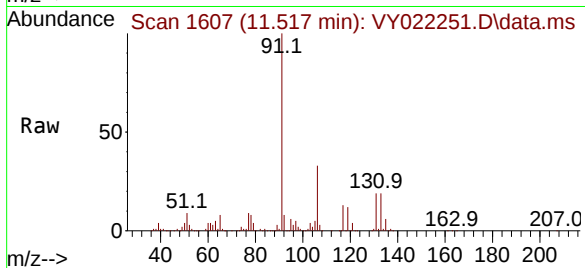
VSTDCCC050EC

Tgt Ion: 91 Resp: 563651

Ion Ratio Lower Upper

91 100

106 32.9 25.9 38.9



#68

m/p-Xylenes

Concen: 113.635 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022251.D

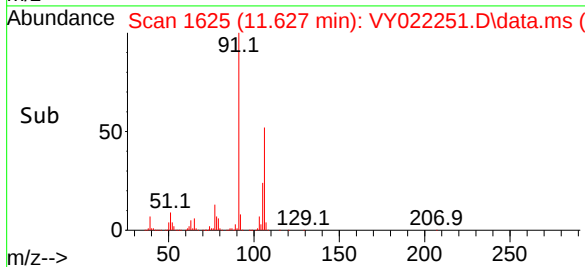
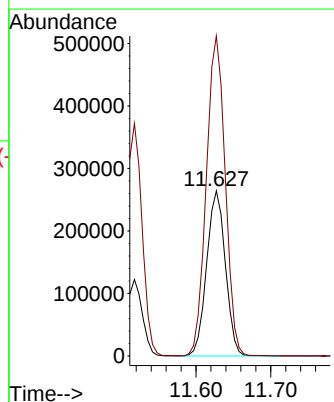
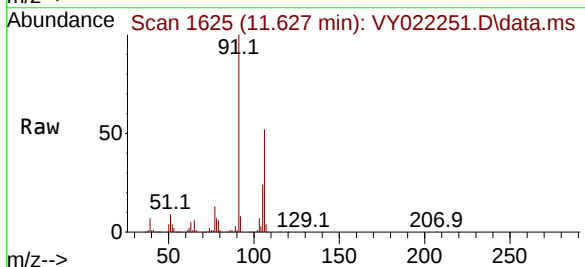
Acq: 13 May 2025 18:36

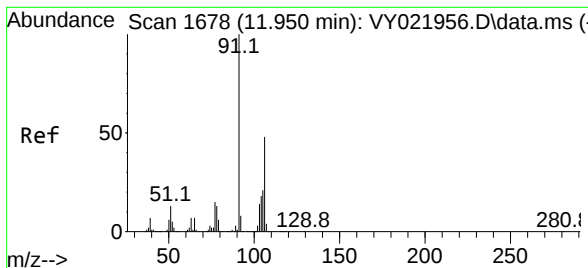
Tgt Ion: 106 Resp: 458345

Ion Ratio Lower Upper

106 100

91 196.1 156.2 234.2

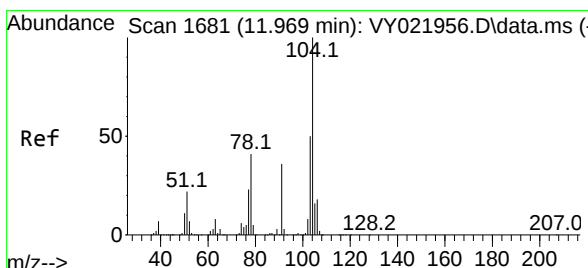
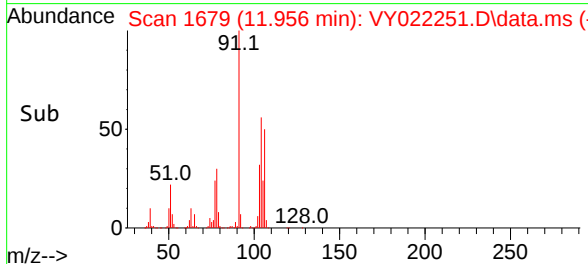
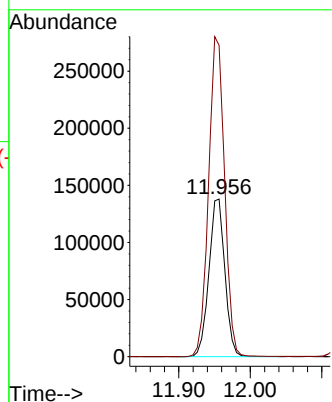
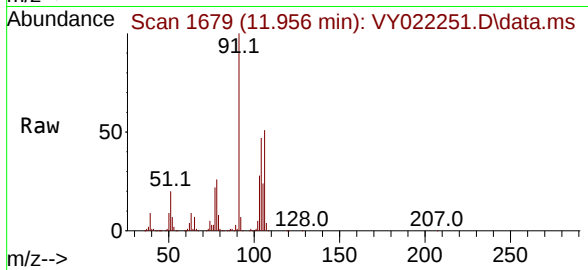




#69
o-Xylene
Concen: 57.464 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

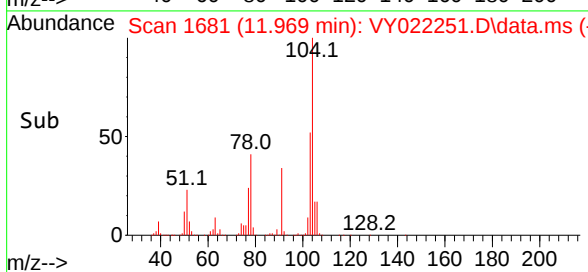
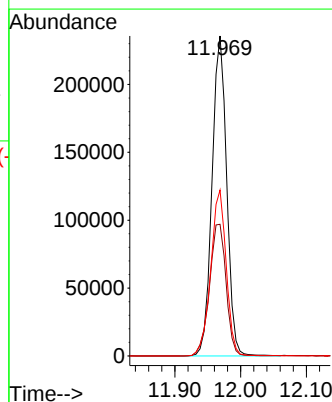
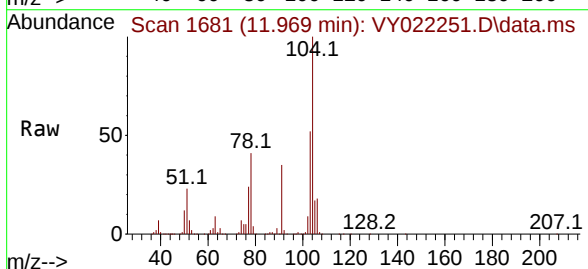
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

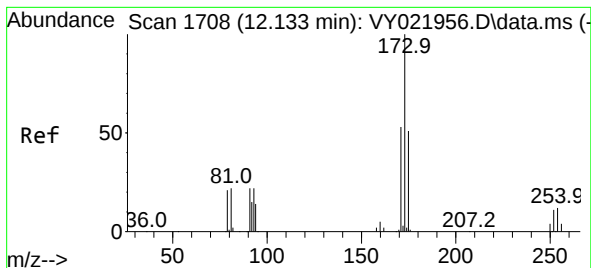
Tgt Ion:106 Resp: 213630
Ion Ratio Lower Upper
106 100
91 203.7 103.0 308.9



#70
Styrene
Concen: 58.641 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion:104 Resp: 366034
Ion Ratio Lower Upper
104 100
78 46.6 36.6 54.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 57.517 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

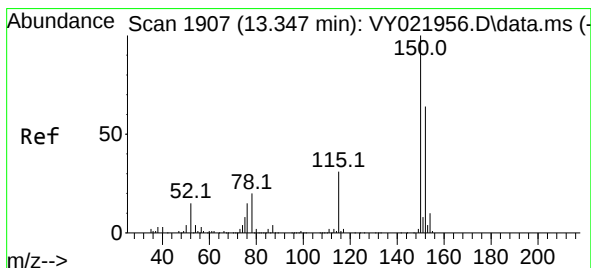
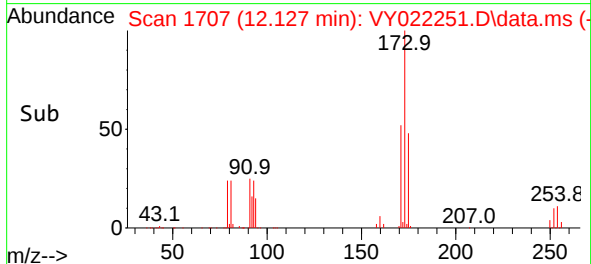
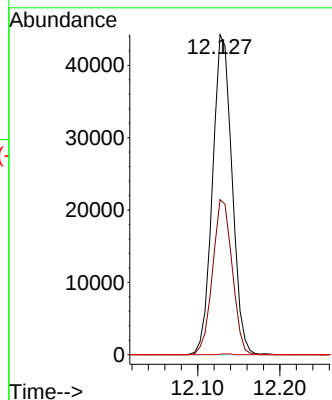
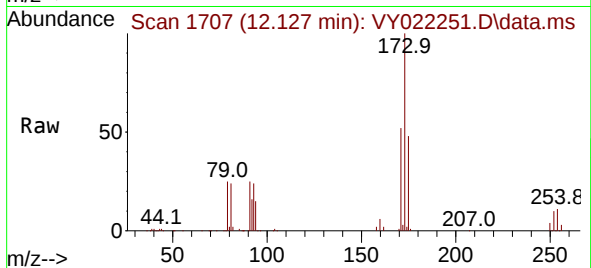
Tgt Ion:173 Resp: 72949

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

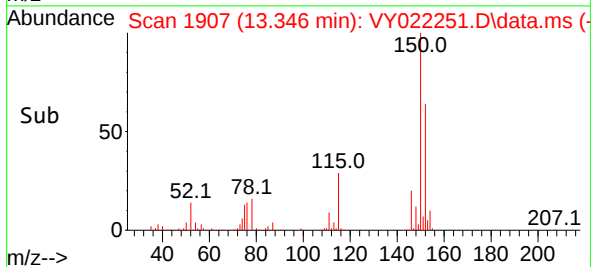
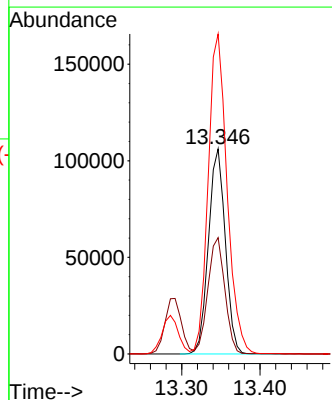
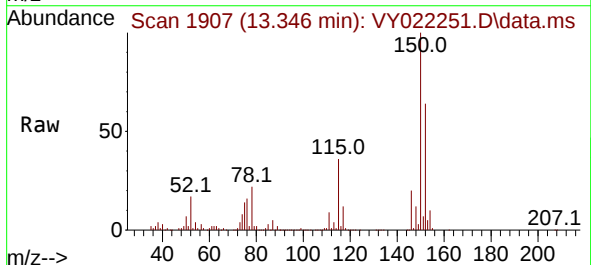
Tgt Ion:152 Resp: 158439

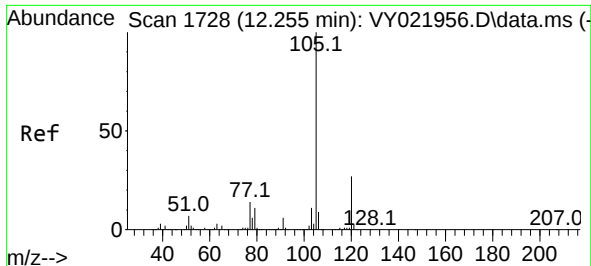
Ion Ratio Lower Upper

152 100

115 56.8 28.0 84.0

150 175.0 0.0 345.6

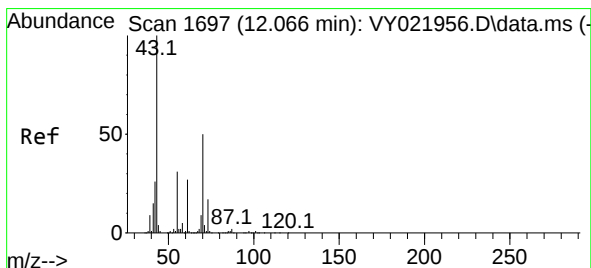
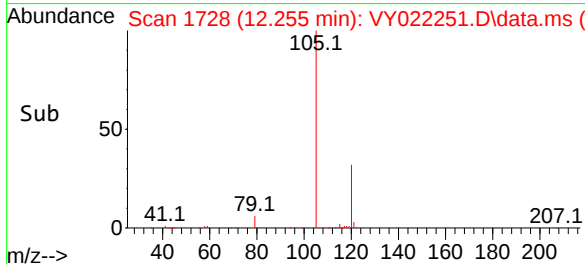
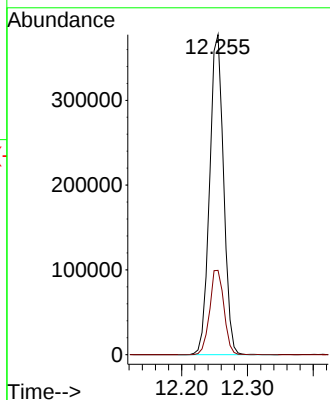
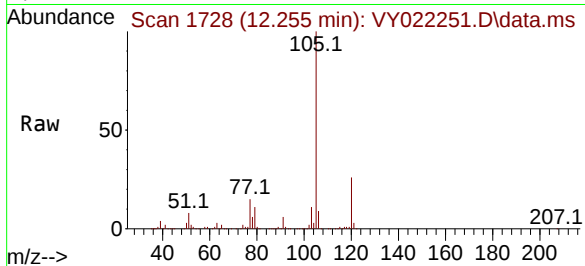




#73
Isopropylbenzene
Concen: 52.648 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

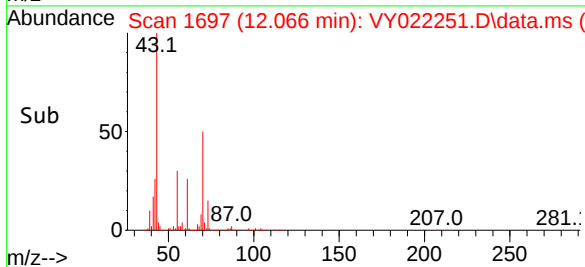
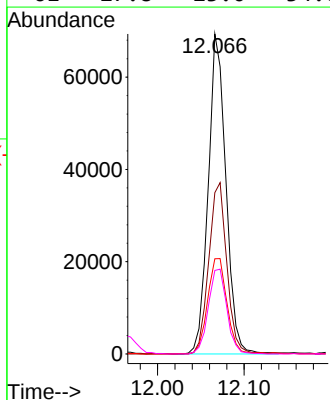
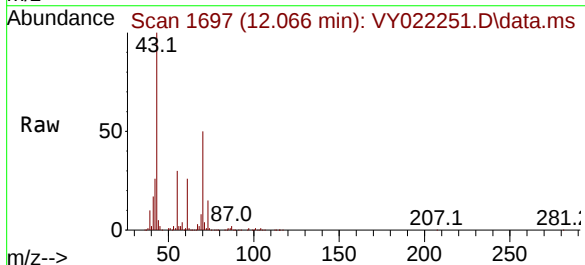
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

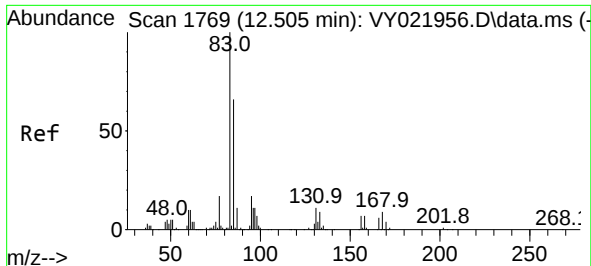
Tgt Ion:105 Resp: 557301
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 54.150 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 43 Resp: 98482
Ion Ratio Lower Upper
43 100
70 54.7 43.2 64.8
55 33.1 25.7 38.5
61 27.8 23.0 34.6

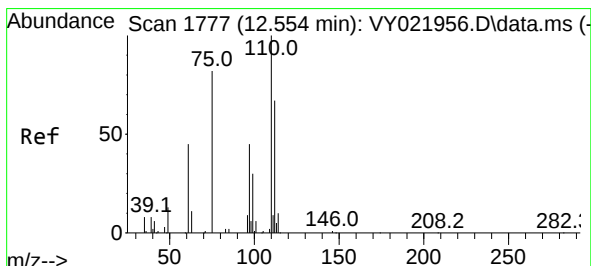
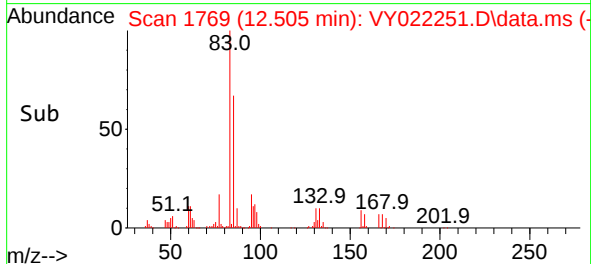
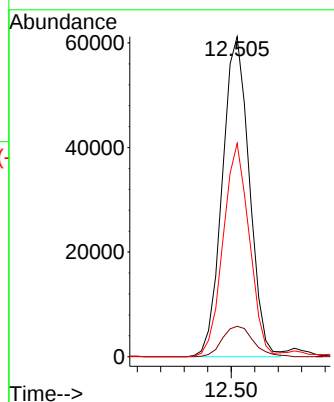
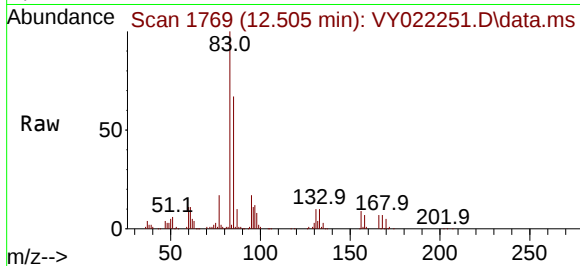




#75
1,1,2,2-Tetrachloroethane
Concen: 54.771 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

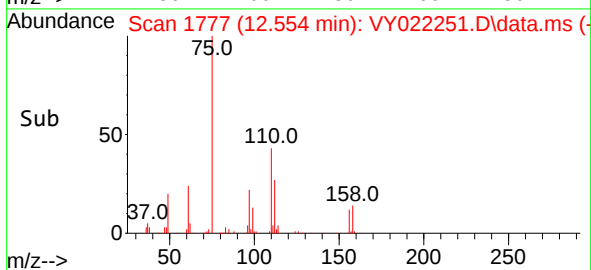
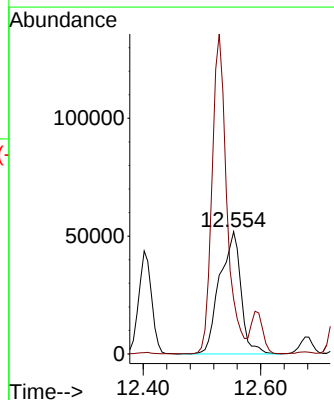
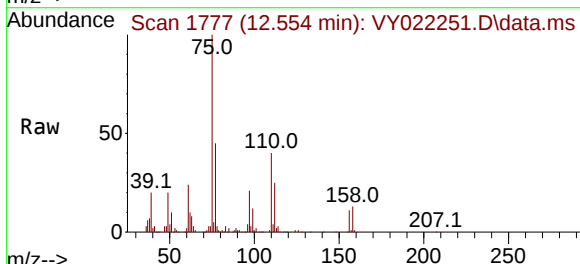
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

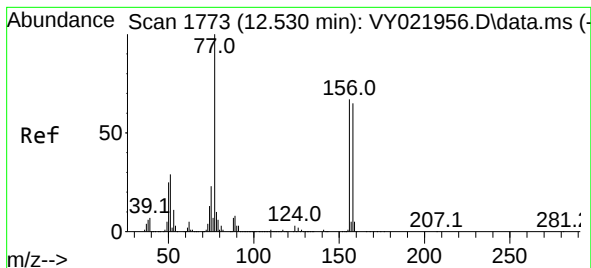
Tgt Ion: 83 Resp: 97747
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 96.314 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 75 Resp: 130709
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.443 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

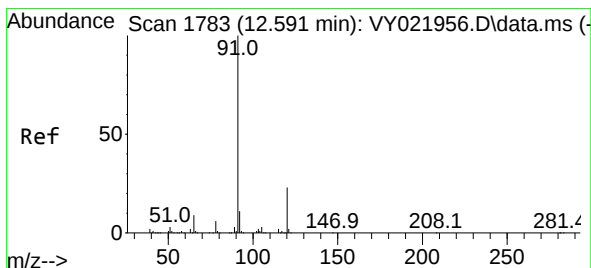
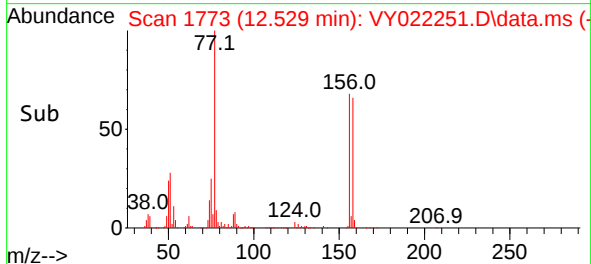
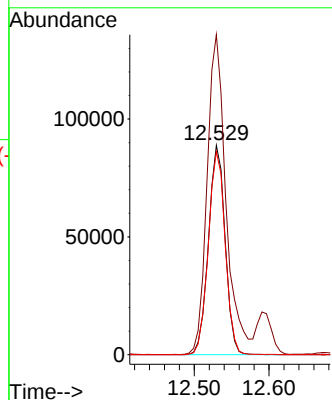
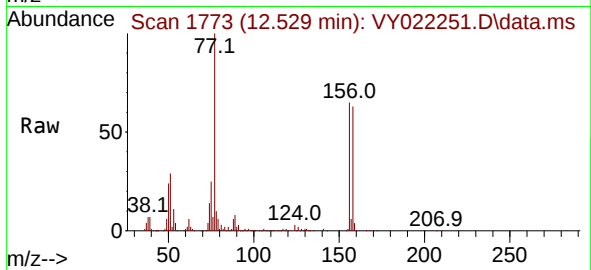
Tgt Ion:156 Resp: 137598

Ion Ratio Lower Upper

156 100

77 172.3 82.7 248.1

158 98.2 48.1 144.4



#78

n-propylbenzene

Concen: 54.016 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY022251.D

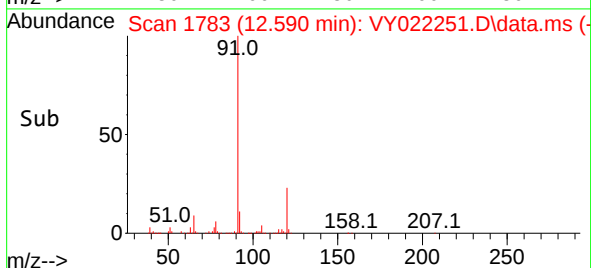
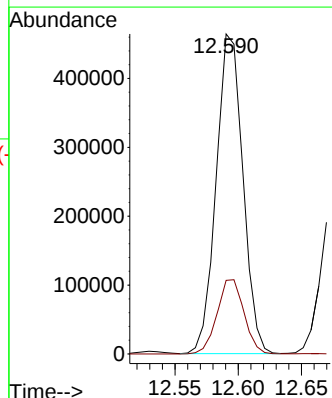
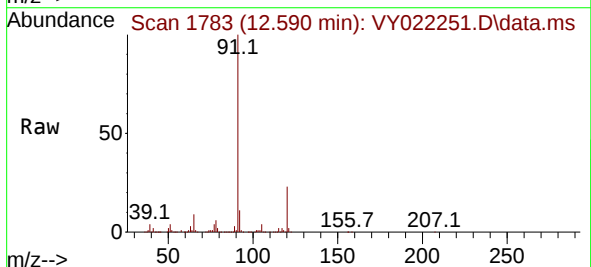
Acq: 13 May 2025 18:36

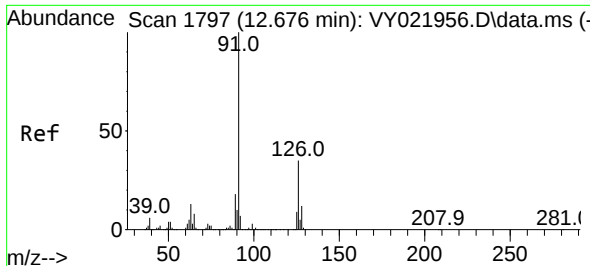
Tgt Ion: 91 Resp: 680922

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

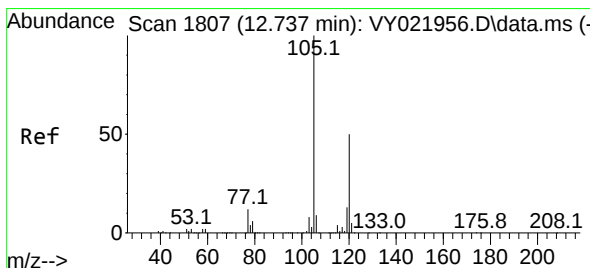
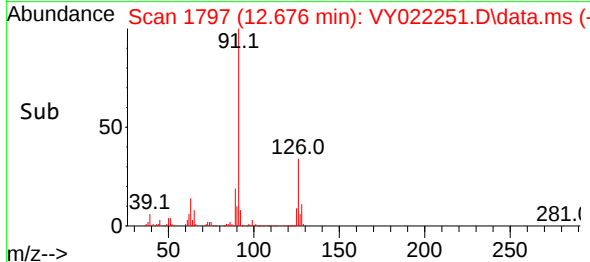
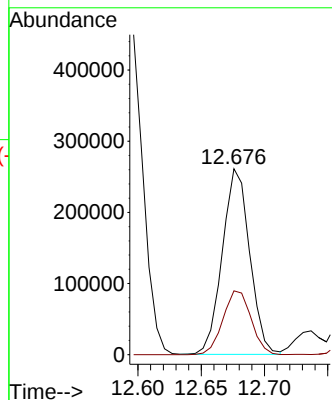
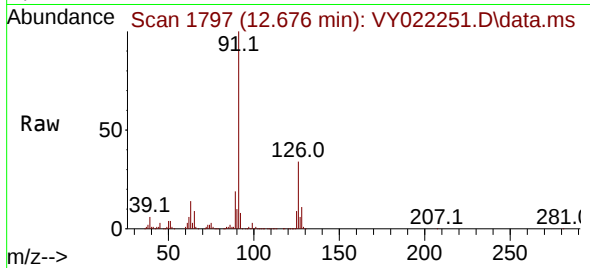




#79
2-Chlorotoluene
Concen: 53.700 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

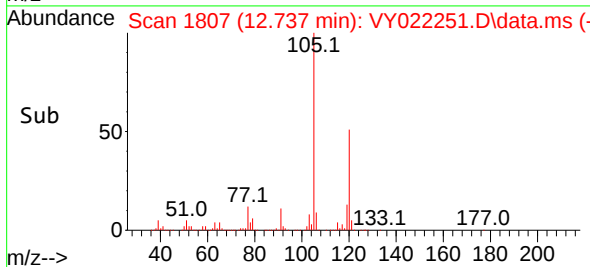
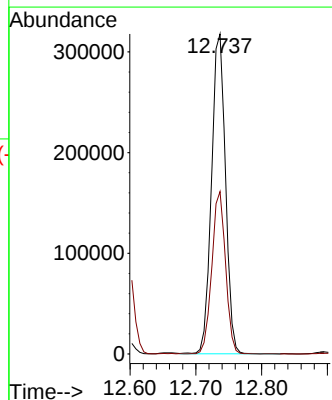
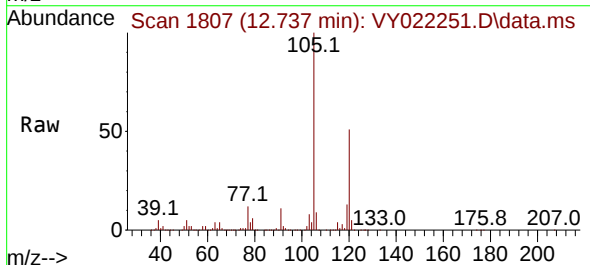
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

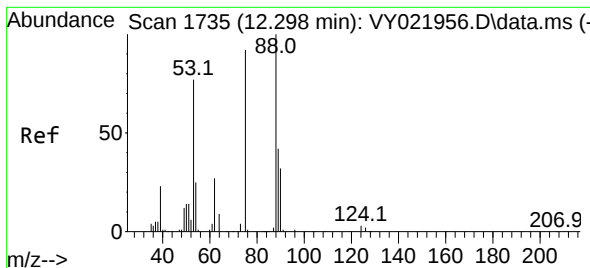
Tgt Ion: 91 Resp: 393681
Ion Ratio Lower Upper
91 100
126 35.3 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 53.866 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 105 Resp: 469805
Ion Ratio Lower Upper
105 100
120 49.8 25.0 75.0

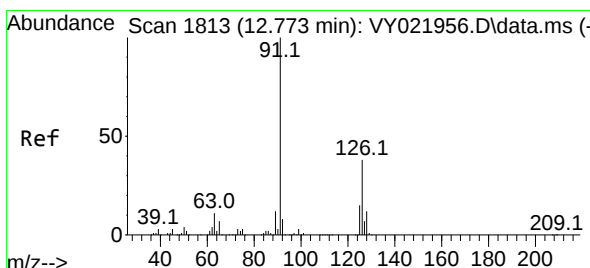
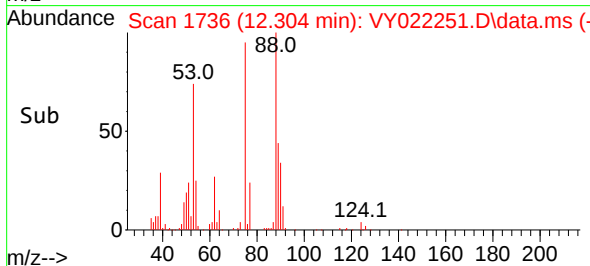
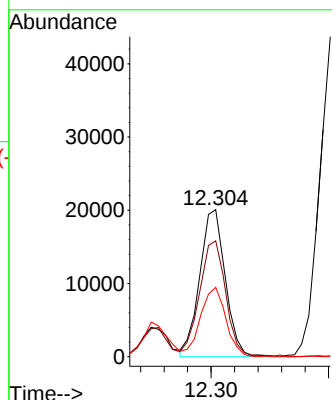
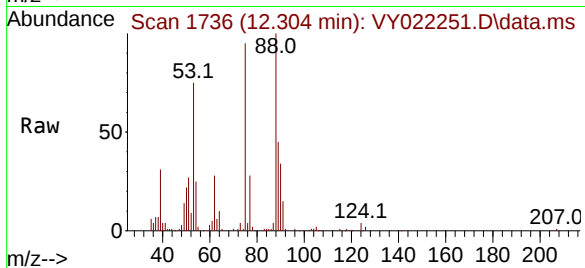




#81
trans-1,4-Dichloro-2-butene
Concen: 53.988 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

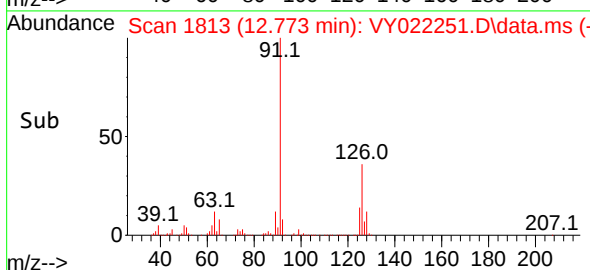
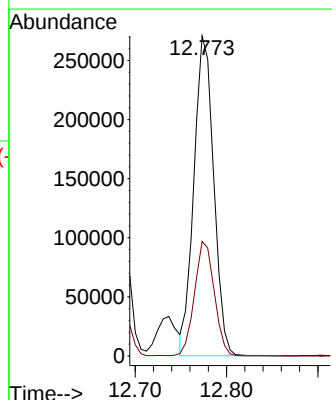
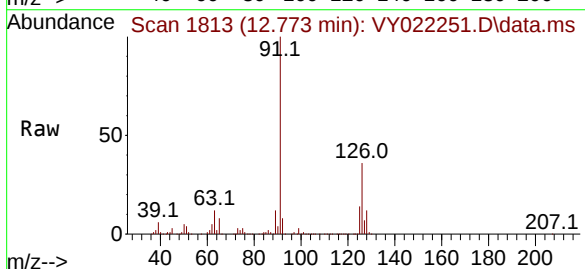
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

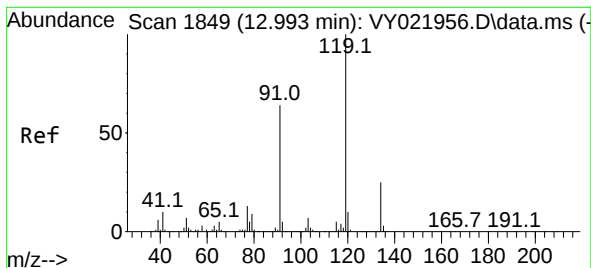
Tgt Ion: 75 Resp: 30425
Ion Ratio Lower Upper
75 100
53 81.1 66.0 99.0
89 46.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 53.414 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 91 Resp: 407070
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.178 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

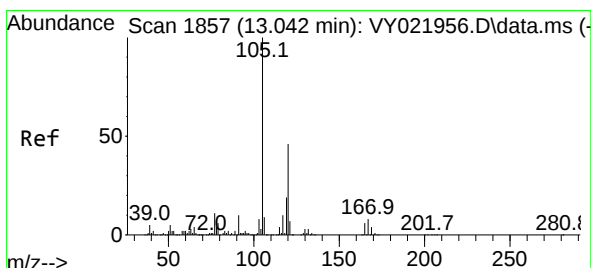
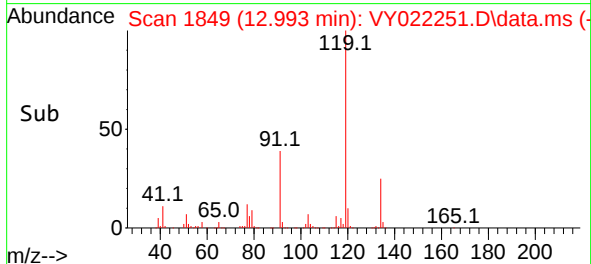
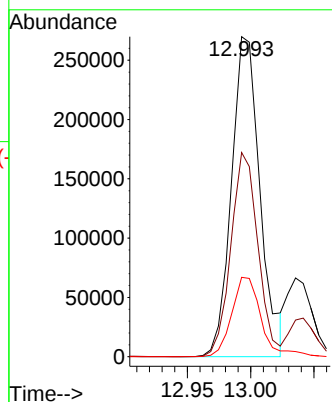
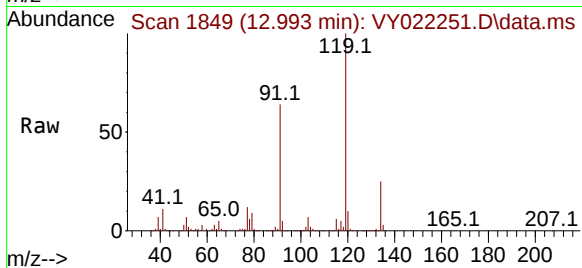
Tgt Ion:119 Resp: 423785

Ion Ratio Lower Upper

119 100

91 60.6 30.3 90.9

134 25.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.164 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022251.D

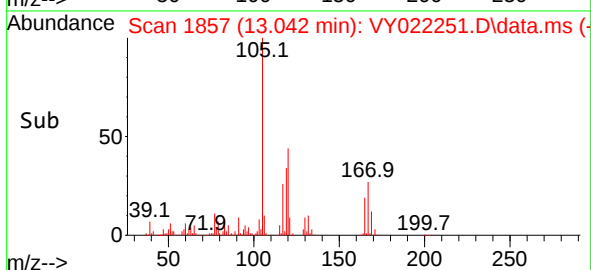
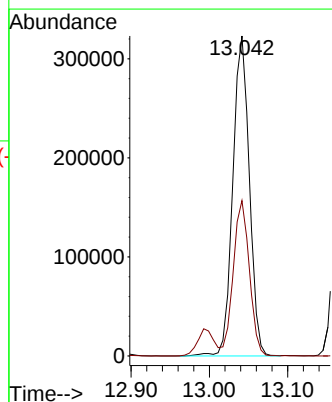
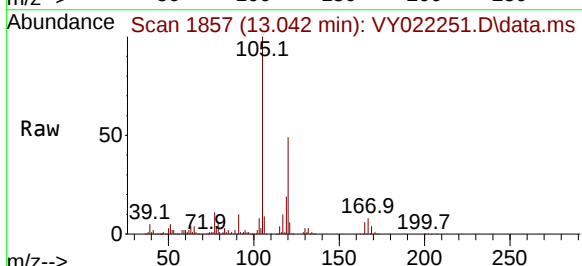
Acq: 13 May 2025 18:36

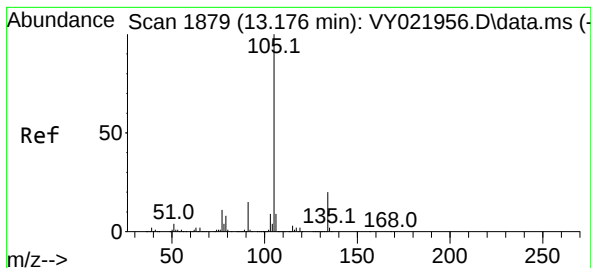
Tgt Ion:105 Resp: 472519

Ion Ratio Lower Upper

105 100

120 47.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 54.343 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

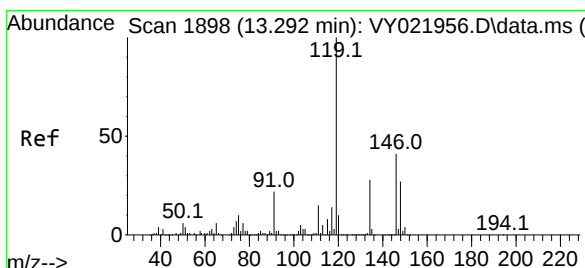
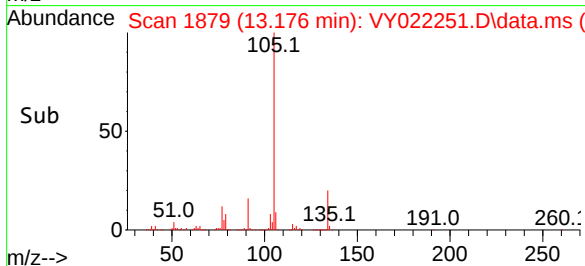
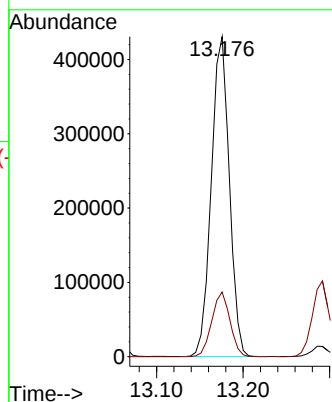
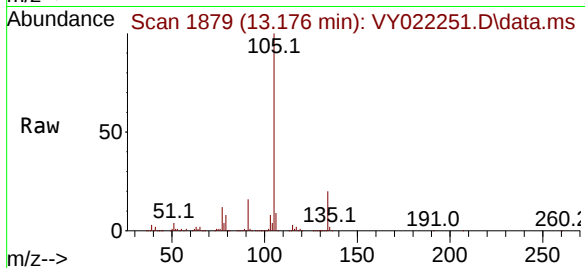
VSTDCCC050EC

Tgt Ion:105 Resp: 622020

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.584 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

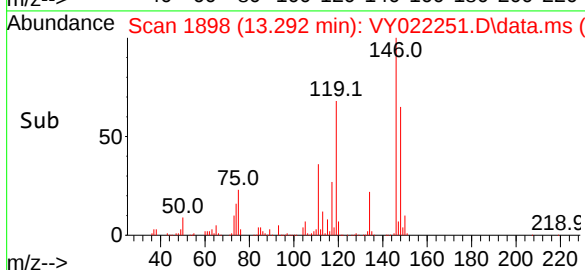
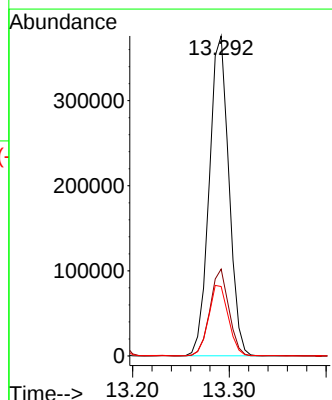
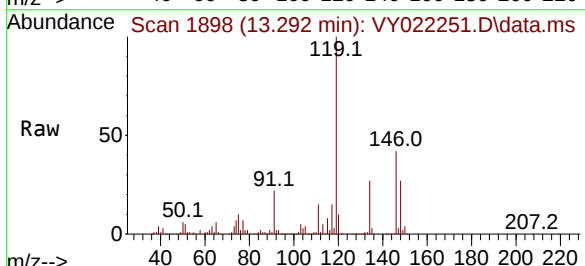
Tgt Ion:119 Resp: 530530

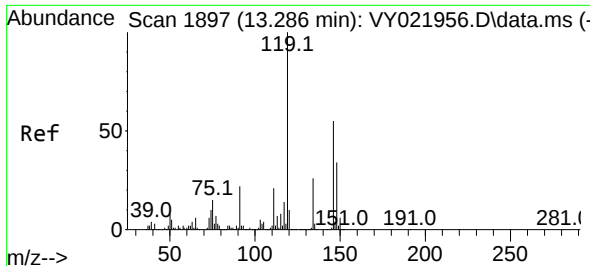
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.7

91 22.2 11.0 33.0

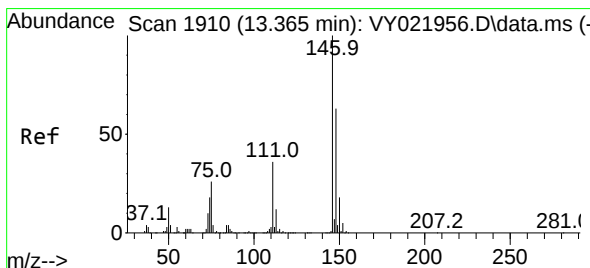
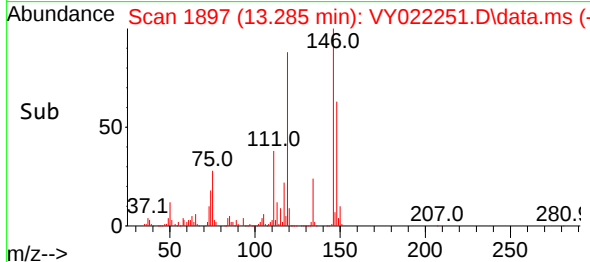
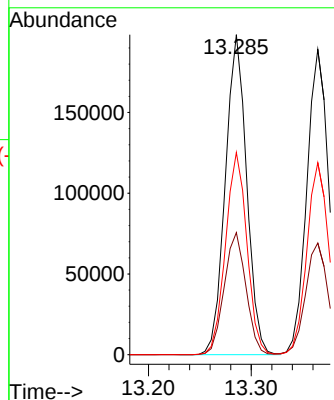
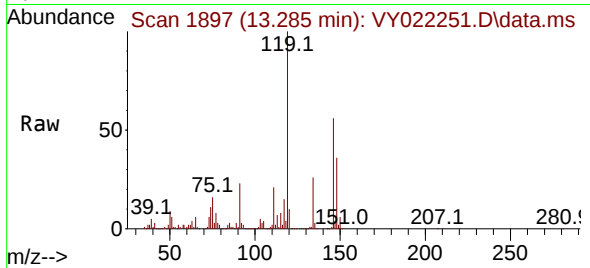




#87
1,3-Dichlorobenzene
Concen: 52.613 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

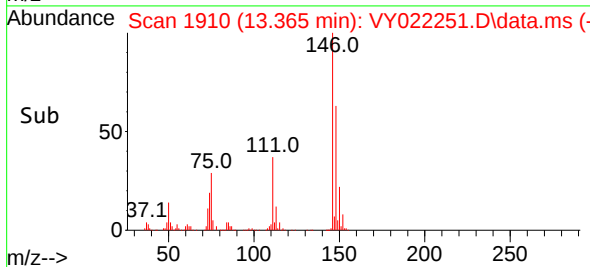
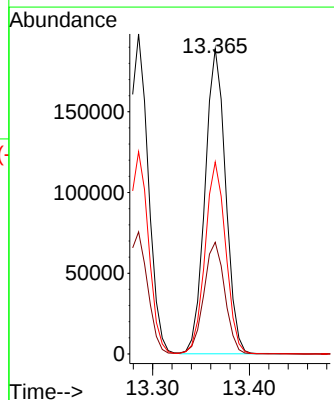
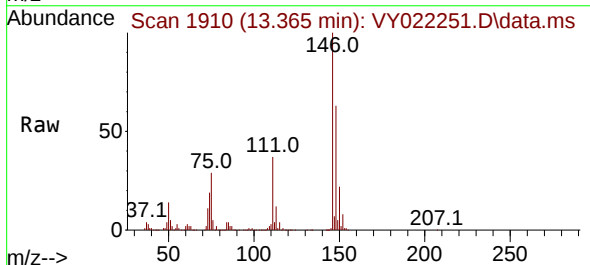
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

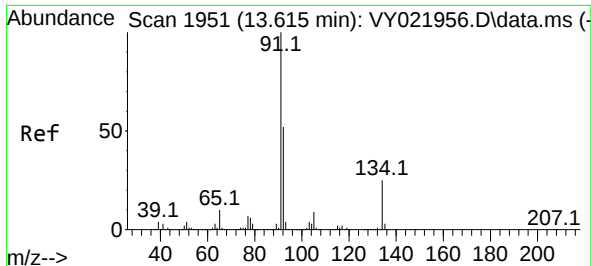
Tgt Ion:146 Resp: 285826
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 52.063 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion:146 Resp: 280118
Ion Ratio Lower Upper
146 100
111 37.3 19.2 57.6
148 63.2 32.0 96.0

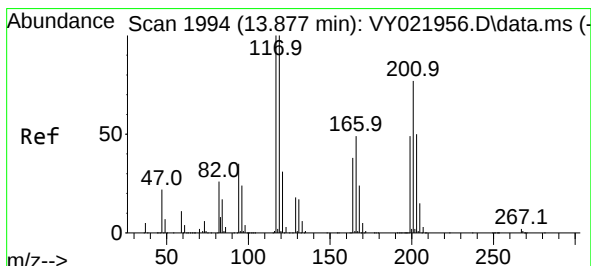
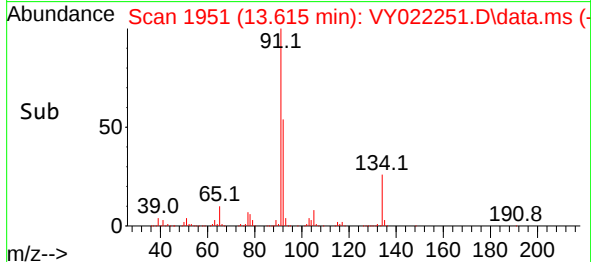
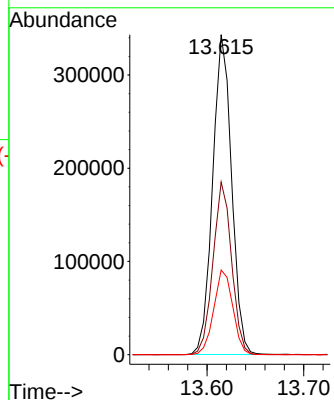
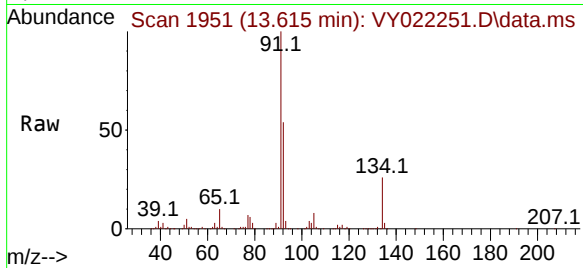




#89
n-Butylbenzene
Concen: 53.607 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

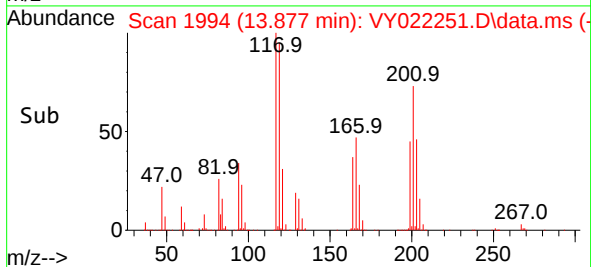
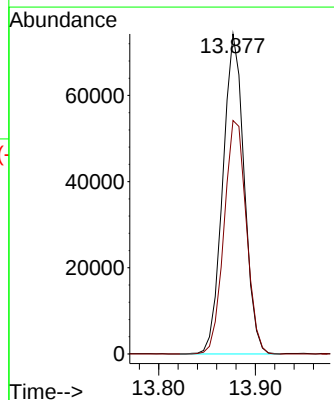
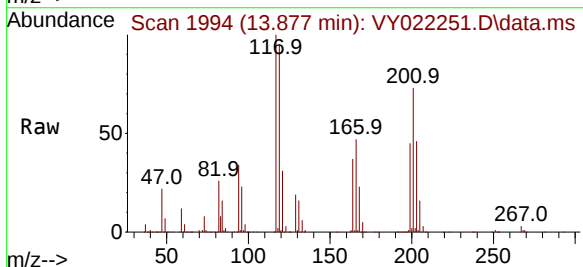
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

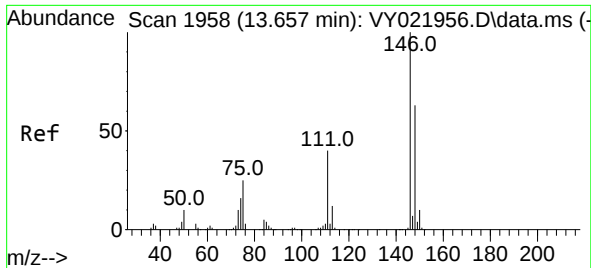
Tgt Ion: 91 Resp: 465722
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 53.368 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 117 Resp: 113966
Ion Ratio Lower Upper
117 100
201 75.9 38.7 116.1

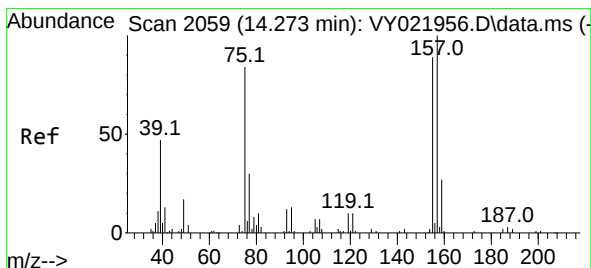
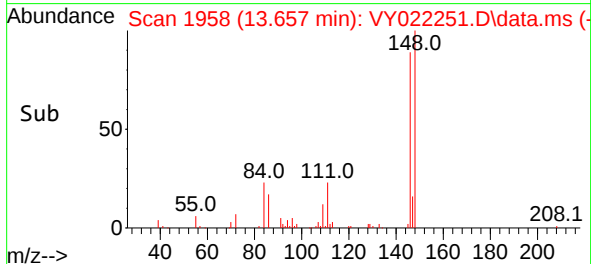
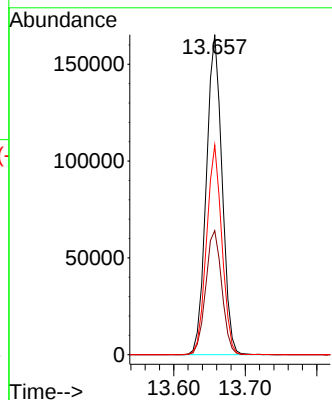
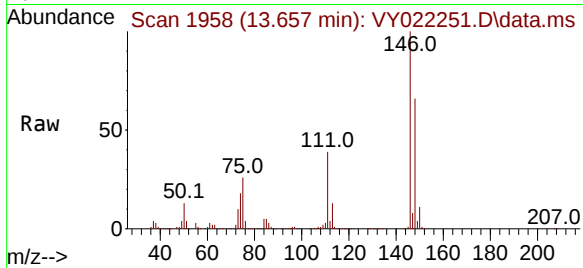




#91
1,2-Dichlorobenzene
Concen: 53.292 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

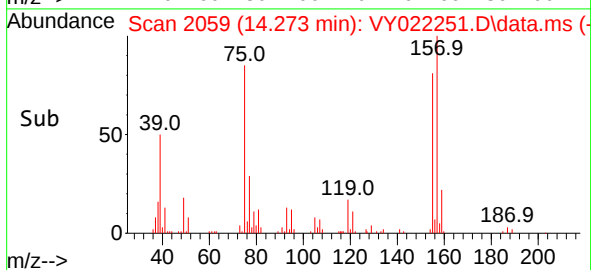
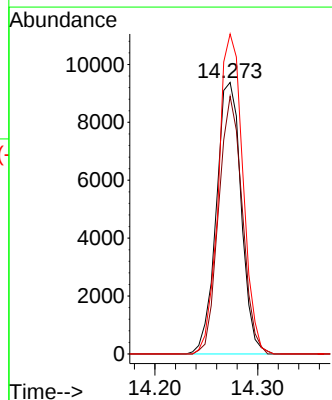
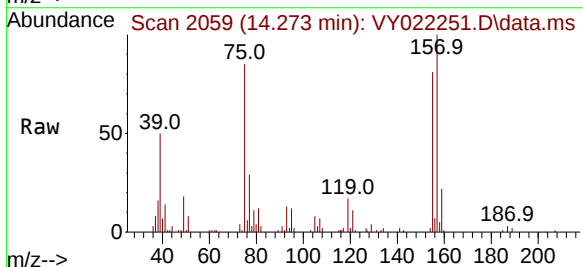
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 252511
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.400 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022251.D
Acq: 13 May 2025 18:36

Tgt Ion: 75 Resp: 15730
Ion Ratio Lower Upper
75 100
155 89.8 50.7 152.3
157 115.6 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 52.187 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

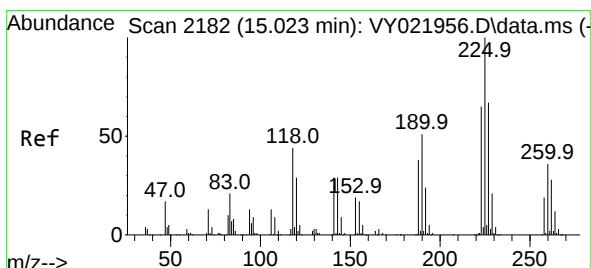
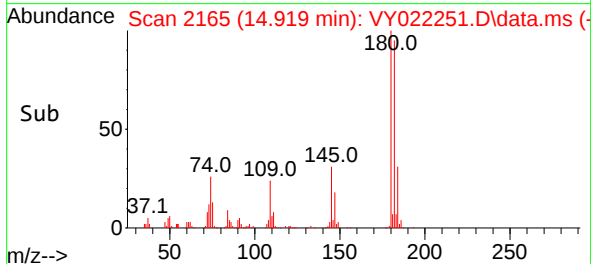
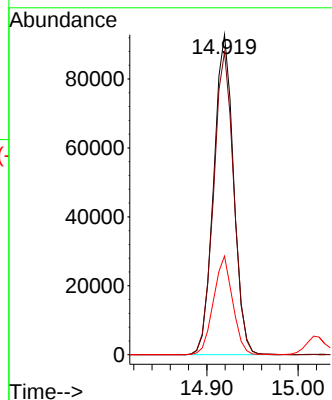
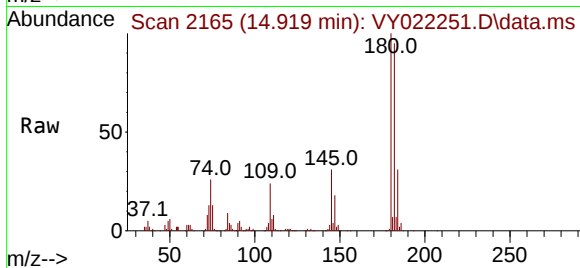
Tgt Ion:180 Resp: 140125

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 29.8 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.601 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

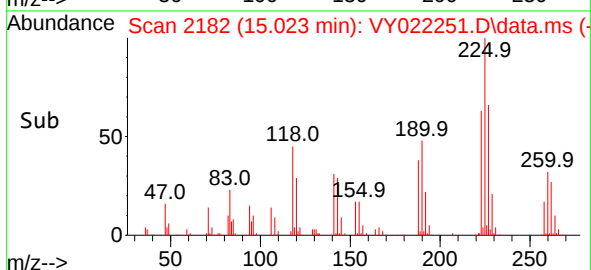
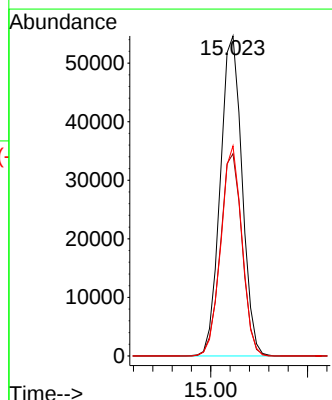
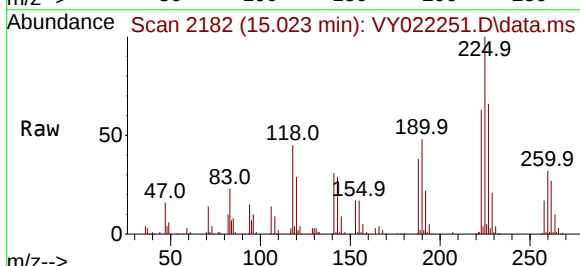
Tgt Ion:225 Resp: 85245

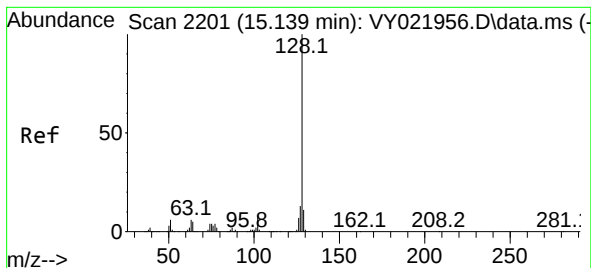
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 63.4 32.3 96.9





#95

Naphthalene

Concen: 54.540 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

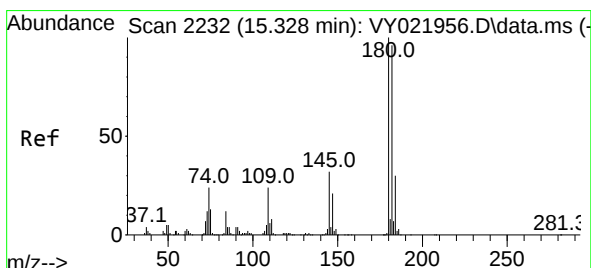
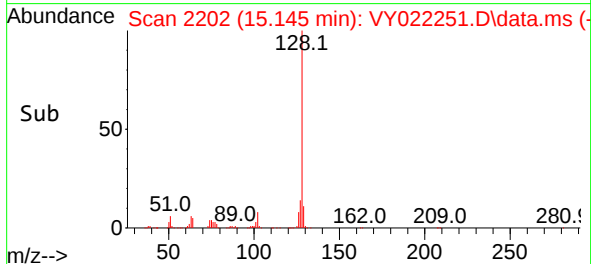
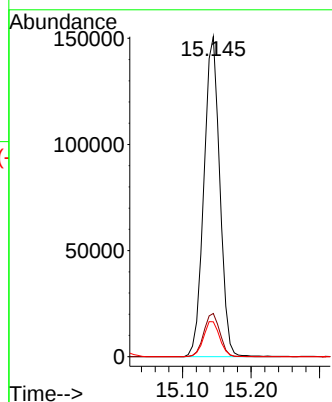
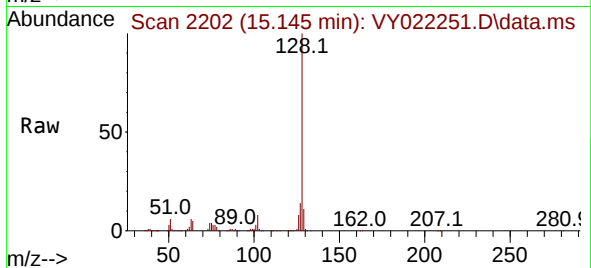
Tgt Ion:128 Resp: 243265

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.992 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022251.D

Acq: 13 May 2025 18:36

Tgt Ion:180 Resp: 122823

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 32.3 16.0 48.0

