

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021710.D
 Acq On : 31 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 05:32:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	219865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	330473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	152394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127456	53.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.634	113	122875	57.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.640%	
50) Toluene-d8	10.103	98	468580	57.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.920%	
62) 4-Bromofluorobenzene	12.408	95	157726	57.178	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	110829	48.634	ug/l	99
3) Chloromethane	2.068	50	153656	47.952	ug/l	100
4) Vinyl Chloride	2.202	62	176402	48.678	ug/l	100
5) Bromomethane	2.592	94	115403	46.691	ug/l	94
6) Chloroethane	2.733	64	115443	48.684	ug/l	99
7) Trichlorofluoromethane	3.056	101	236259	50.894	ug/l	96
8) Diethyl Ether	3.452	74	60712	48.091	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	123379	50.392	ug/l	99
10) Methyl Iodide	4.001	142	138134	51.427	ug/l	99
11) Tert butyl alcohol	4.848	59	36150	233.635	ug/l	100
12) 1,1-Dichloroethene	3.787	96	114123	49.486	ug/l	95
13) Acrolein	3.647	56	48270	170.852	ug/l	100
14) Allyl chloride	4.379	41	181439	49.344	ug/l	100
15) Acrylonitrile	5.055	53	133278	252.846	ug/l	98
16) Acetone	3.867	43	107103	219.682	ug/l	100
17) Carbon Disulfide	4.104	76	375340	49.414	ug/l	98
18) Methyl Acetate	4.379	43	64621	53.480	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	289989	50.507	ug/l	100
20) Methylene Chloride	4.616	84	125964	53.035	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	126860	49.961	ug/l	97
22) Diisopropyl ether	6.012	45	400685	51.947	ug/l	99
23) Vinyl Acetate	5.958	43	1158030	256.635	ug/l	99
24) 1,1-Dichloroethane	5.915	63	229920	49.850	ug/l	99
25) 2-Butanone	6.890	43	171790	246.699	ug/l	98
26) 2,2-Dichloropropane	6.884	77	202048	49.248	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	142913	50.049	ug/l	99
28) Bromochloromethane	7.238	49	98416	50.596	ug/l	99
29) Tetrahydrofuran	7.256	42	115430	257.561	ug/l	99
30) Chloroform	7.421	83	238885	49.797	ug/l	99
31) Cyclohexane	7.701	56	203830	48.480	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	215280	49.652	ug/l	98
36) 1,1-Dichloropropene	7.835	75	173128	53.022	ug/l	99
37) Ethyl Acetate	6.982	43	79695	51.716	ug/l	98
38) Carbon Tetrachloride	7.817	117	200776	53.686	ug/l	98
39) Methylcyclohexane	9.110	83	211833	54.307	ug/l	99
40) Benzene	8.079	78	519385	53.115	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	44282	54.109	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	145634	52.829	ug/l	99
43) Isopropyl Acetate	8.195	43	150197	51.432	ug/l #	85
44) Trichloroethene	8.866	130	129956	52.160	ug/l	100
45) 1,2-Dichloropropane	9.140	63	122763	53.038	ug/l	100
46) Dibromomethane	9.231	93	71550	53.637	ug/l	97
47) Bromodichloromethane	9.420	83	183708	53.147	ug/l	99
48) Methyl methacrylate	9.219	41	74238	55.389	ug/l	97
49) 1,4-Dioxane	9.225	88	15546	1087.866	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	419220	275.853	ug/l	99
52) Toluene	10.170	92	329514	54.010	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	166167	54.122	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	193376	53.389	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	91162	53.104	ug/l	99
56) Ethyl methacrylate	10.439	69	121632	55.489	ug/l	98
57) 1,3-Dichloropropane	10.719	76	161318	54.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	317515	296.929	ug/l	100
59) 2-Hexanone	10.762	43	282672	279.290	ug/l	99
60) Dibromochloromethane	10.908	129	127495	54.396	ug/l	100
61) 1,2-Dibromoethane	11.012	107	87468	54.315	ug/l	99
64) Tetrachloroethene	10.646	164	139924	50.794	ug/l	96
65) Chlorobenzene	11.438	112	351796	50.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	128337	52.170	ug/l	100
67) Ethyl Benzene	11.518	91	622139	52.327	ug/l	99
68) m/p-Xylenes	11.627	106	481760	105.817	ug/l	100
69) o-Xylene	11.957	106	223057	53.076	ug/l	99
70) Styrene	11.969	104	384466	54.868	ug/l	98
71) Bromoform	12.133	173	74815	53.316	ug/l #	100
73) Isopropylbenzene	12.255	105	588325	51.977	ug/l	99
74) N-amyl acetate	12.072	43	138528	52.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	102605	50.420	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	139407	92.285	ug/l #	100
77) Bromobenzene	12.530	156	140917	51.852	ug/l	99
78) n-propylbenzene	12.597	91	717878	52.754	ug/l	99
79) 2-Chlorotoluene	12.682	91	407733	51.587	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	490840	53.059	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	34607	52.787	ug/l	98
82) 4-Chlorotoluene	12.780	91	426228	51.727	ug/l	100
83) tert-Butylbenzene	12.999	119	433355	52.594	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	486329	53.191	ug/l	100
85) sec-Butylbenzene	13.176	105	631509	52.444	ug/l	99
86) p-Isopropyltoluene	13.292	119	530150	53.269	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	275074	51.375	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	269656	50.974	ug/l	99
89) n-Butylbenzene	13.621	91	487459	52.961	ug/l	100
90) Hexachloroethane	13.877	117	109245	50.091	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	238170	51.099	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15397	48.816	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	129975	51.422	ug/l	99
94) Hexachlorobutadiene	15.023	225	80551	51.027	ug/l	98
95) Naphthalene	15.145	128	223037	53.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	113397	52.610	ug/l	99

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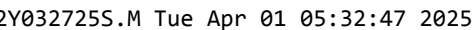
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MSVOA_Y
ClientSampleId :
VSTDCCC050

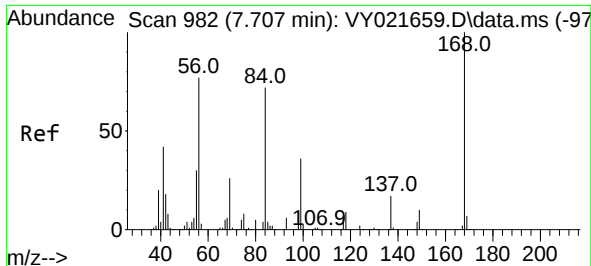
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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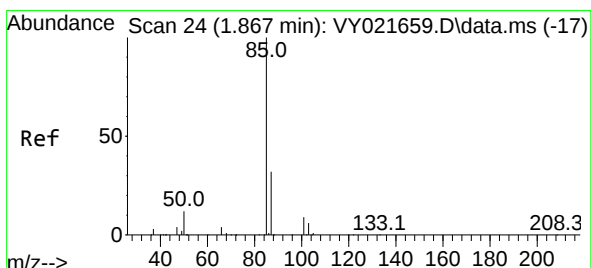
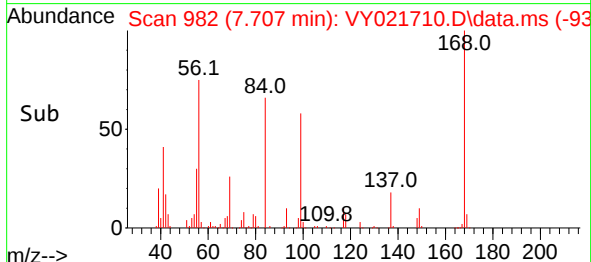
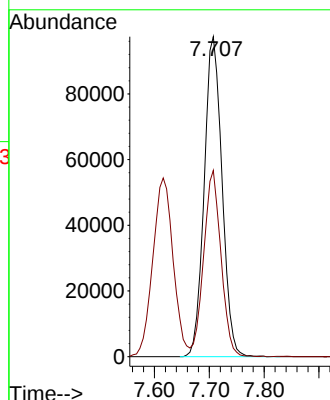
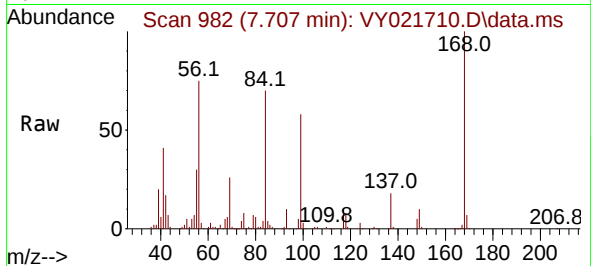




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021710.D
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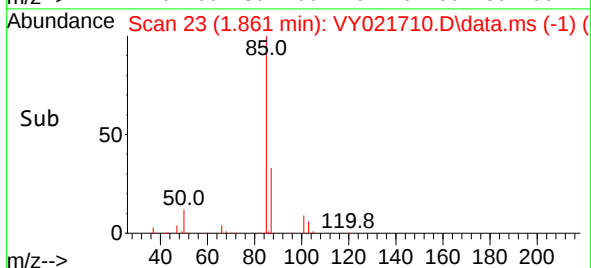
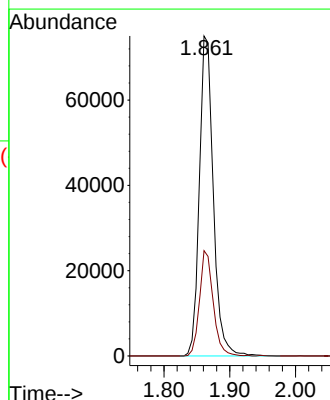
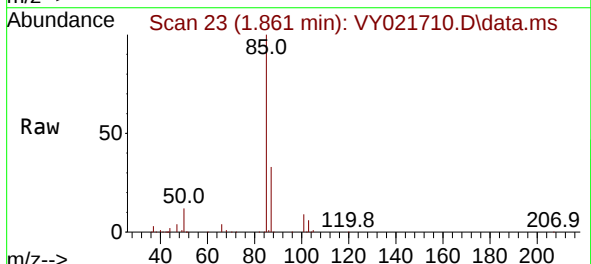
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

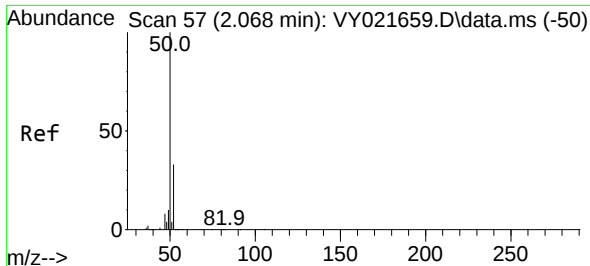
Tgt Ion:168 Resp: 219865
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 48.634 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 85 Resp: 110829
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6

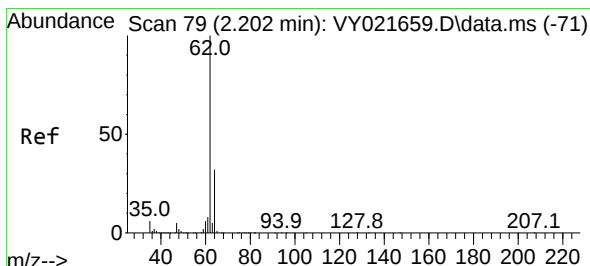
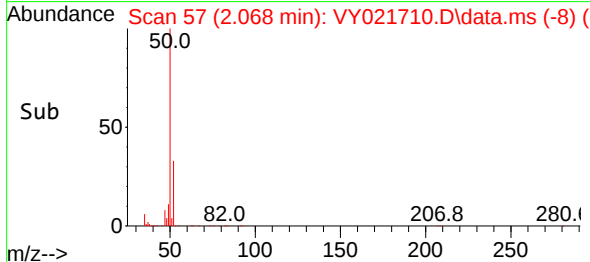
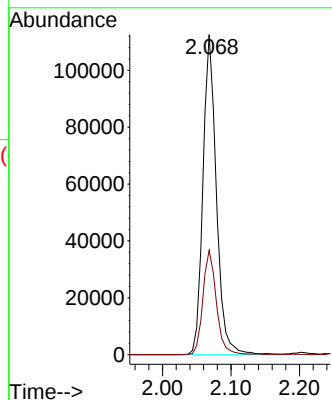
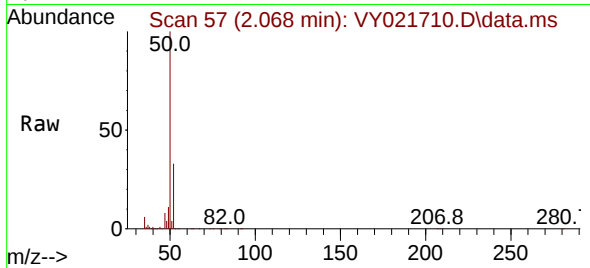




#3
Chloromethane
Concen: 47.952 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

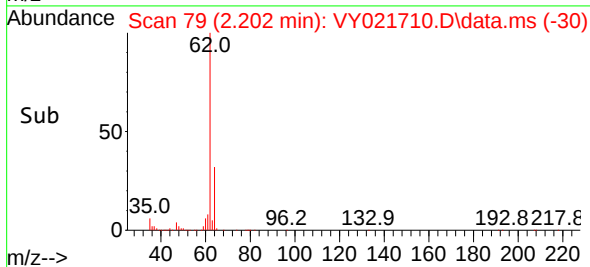
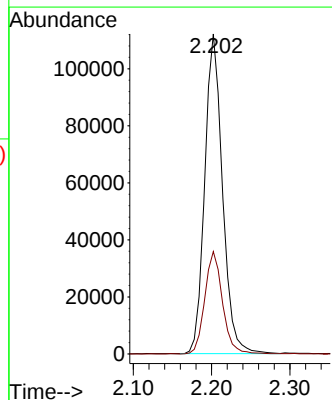
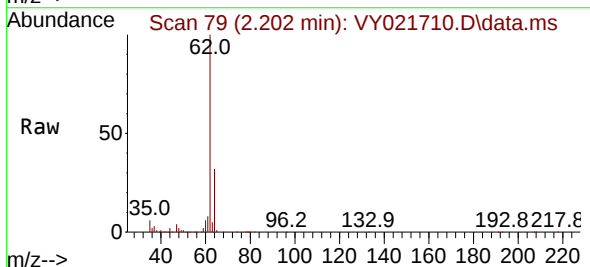
Instrument :
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ClientSampleId :
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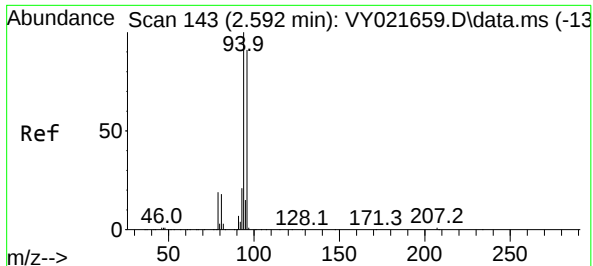
Tgt Ion: 50 Resp: 153656
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 48.678 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 62 Resp: 176402
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

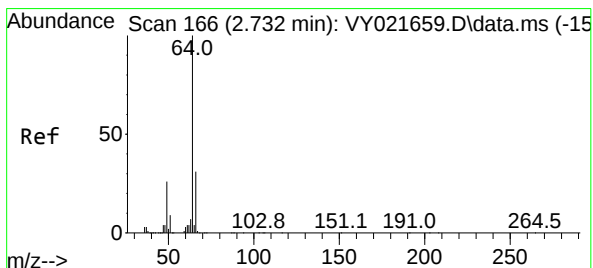
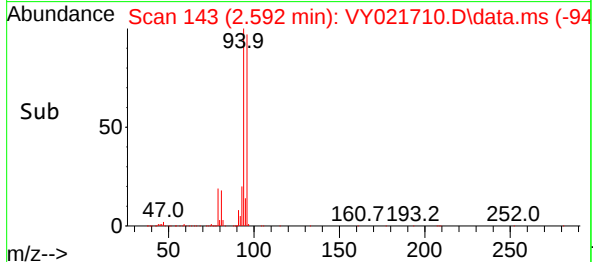
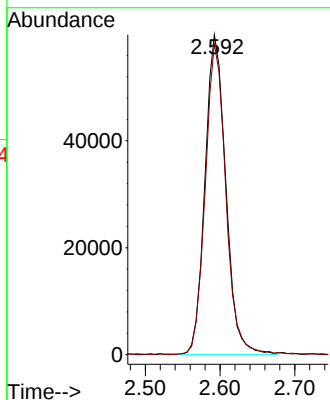
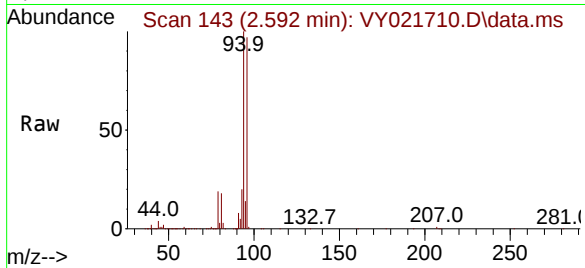




#5
Bromomethane
Concen: 46.691 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

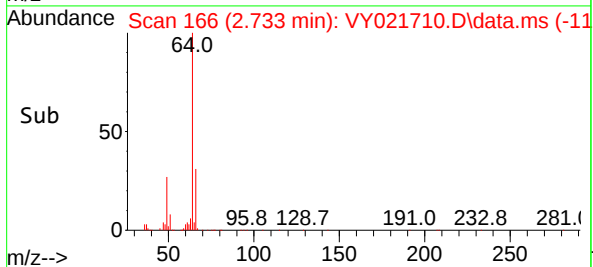
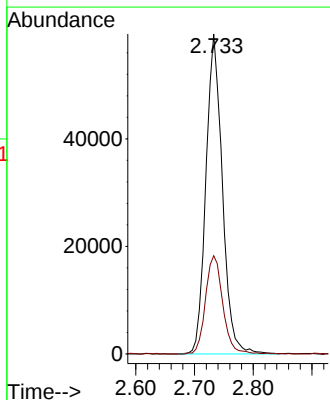
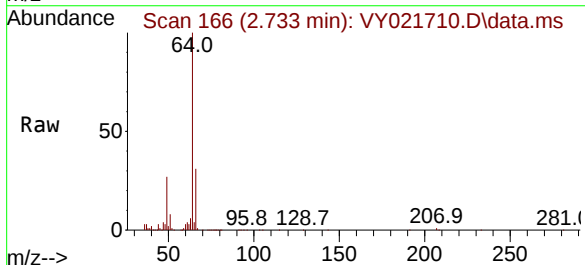
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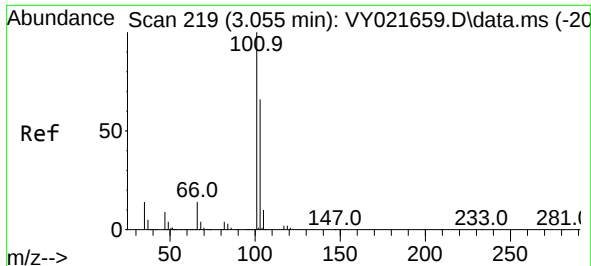
Tgt Ion: 94 Resp: 115403
Ion Ratio Lower Upper
94 100
96 97.0 72.8 109.2



#6
Chloroethane
Concen: 48.684 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 64 Resp: 115443
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3

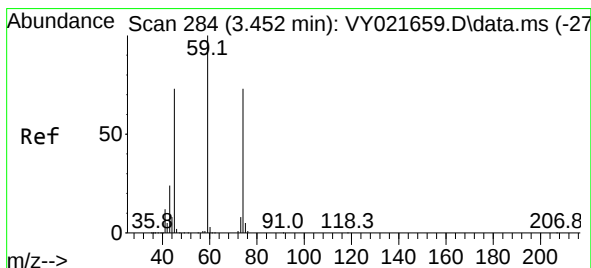
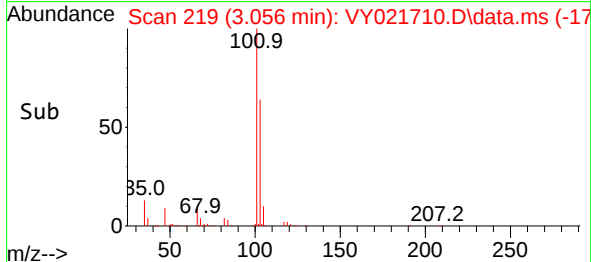
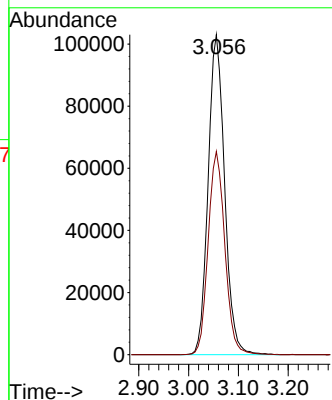
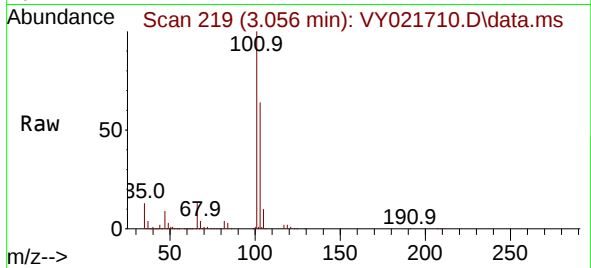




#7
 Trichlorofluoromethane
 Concen: 50.894 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

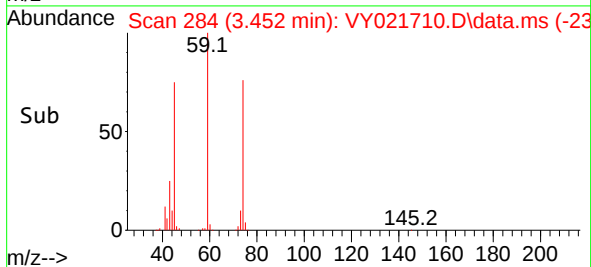
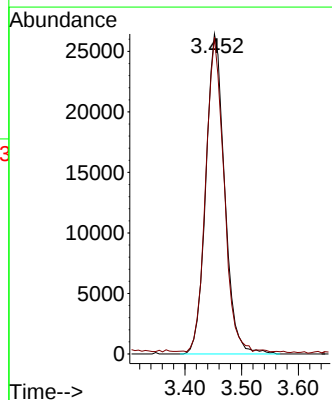
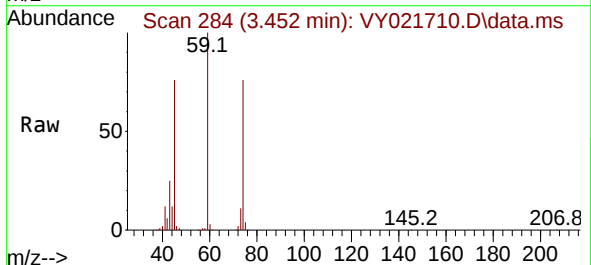
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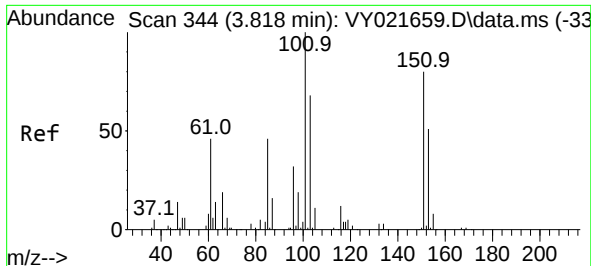
Tgt Ion:101 Resp: 236259
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 48.091 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

Tgt Ion: 74 Resp: 60712
 Ion Ratio Lower Upper
 74 100
 45 94.6 48.6 145.8

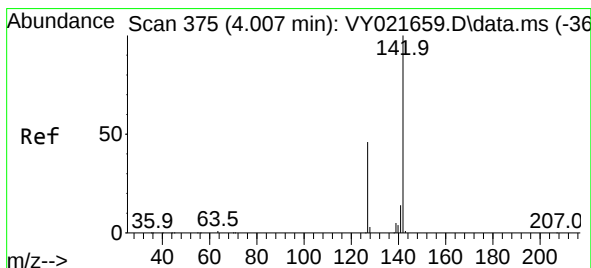
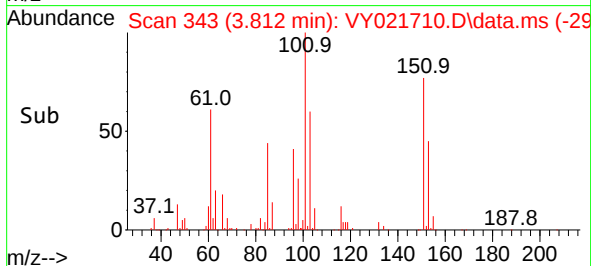
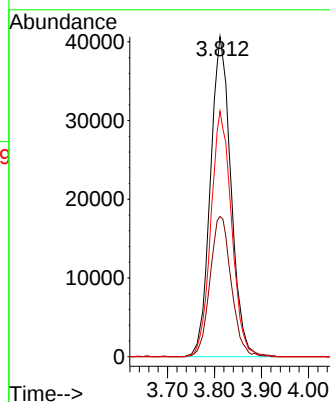
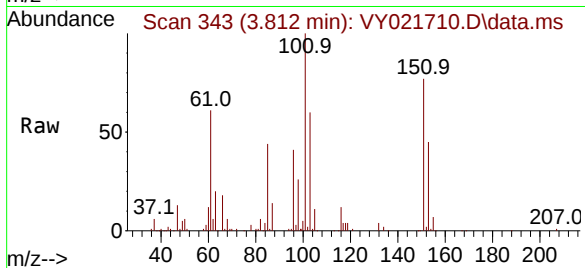




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.392 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

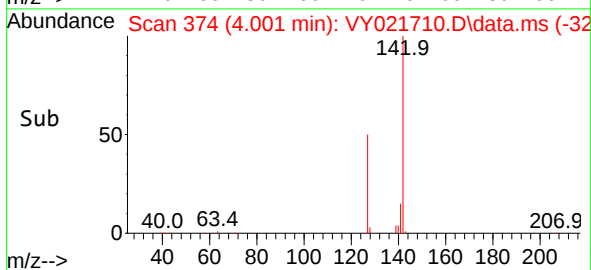
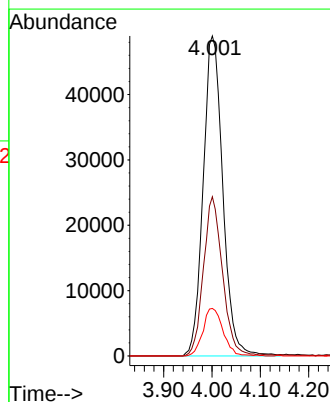
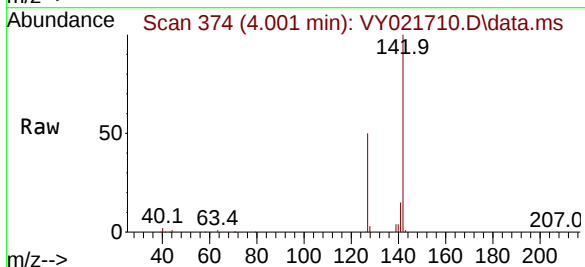
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

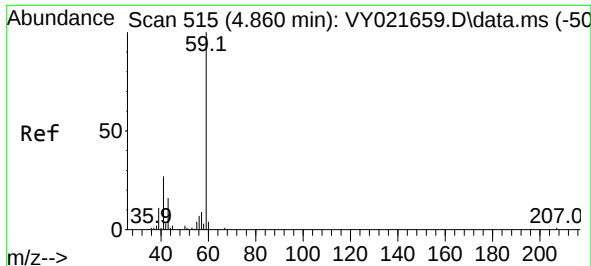
Tgt Ion:101 Resp: 123379
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 77.4 61.3 91.9



#10
Methyl Iodide
Concen: 51.427 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:142 Resp: 138134
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 15.2 11.5 17.3

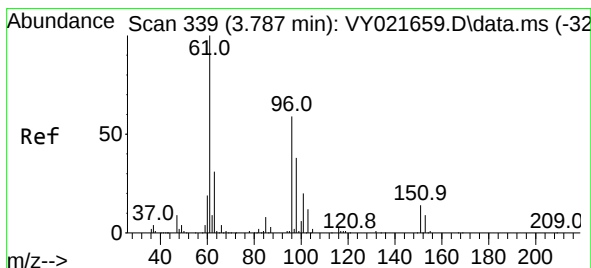
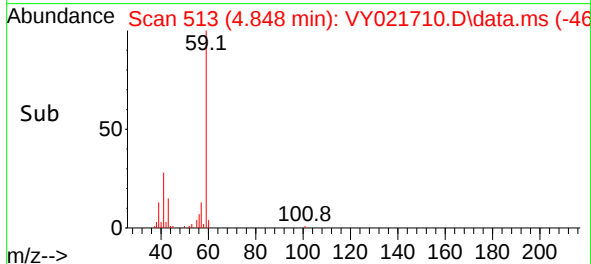
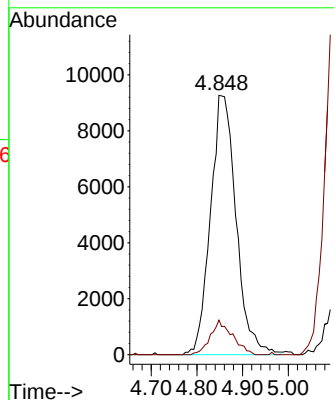
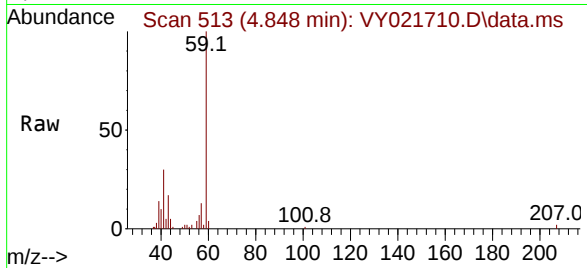




#11
Tert butyl alcohol
Concen: 233.635 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

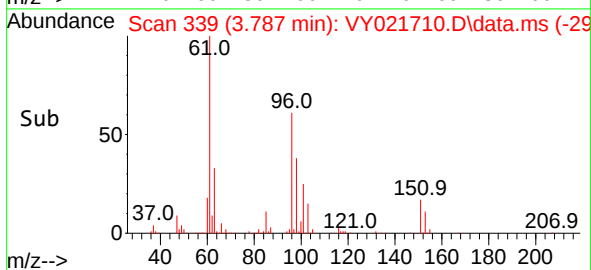
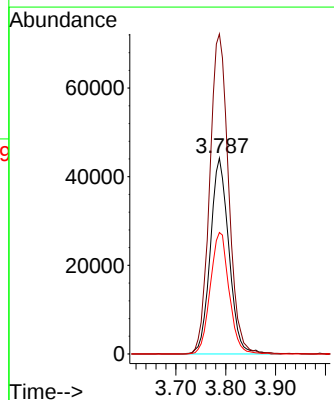
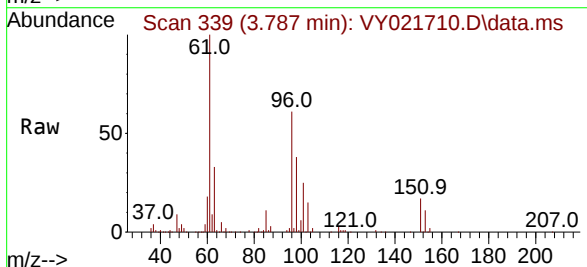
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

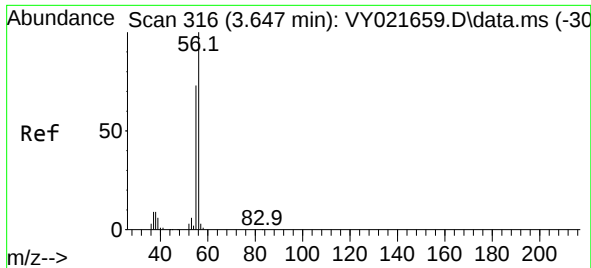
Tgt Ion: 59 Resp: 36150
Ion Ratio Lower Upper
59 100
57 11.4 9.2 13.8



#12
1,1-Dichloroethene
Concen: 49.486 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 96 Resp: 114123
Ion Ratio Lower Upper
96 100
61 163.4 136.6 204.8
98 62.0 52.3 78.5





#13

Acrolein

Concen: 170.852 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

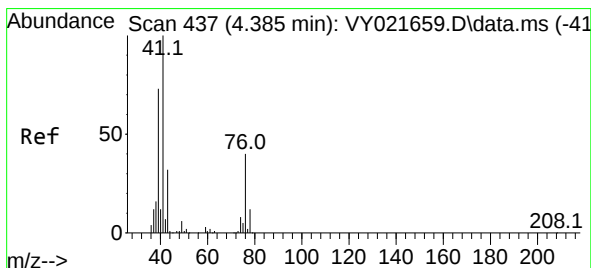
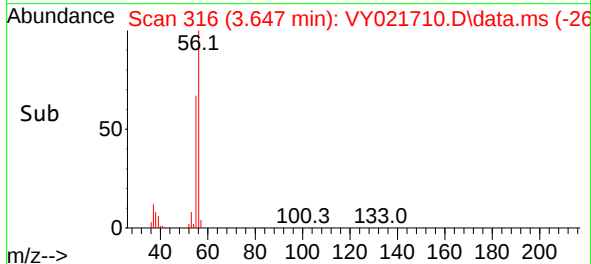
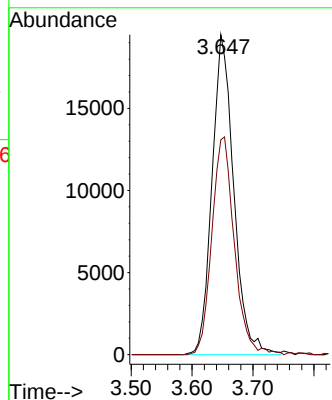
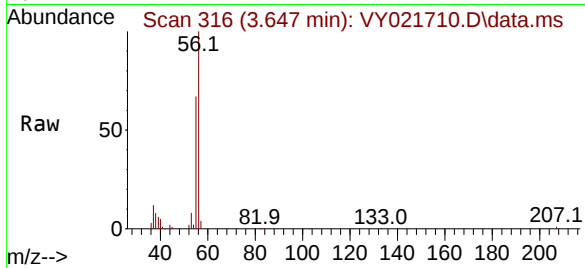
VSTDCCC050

Tgt Ion: 56 Resp: 48270

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#14

Allyl chloride

Concen: 49.344 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

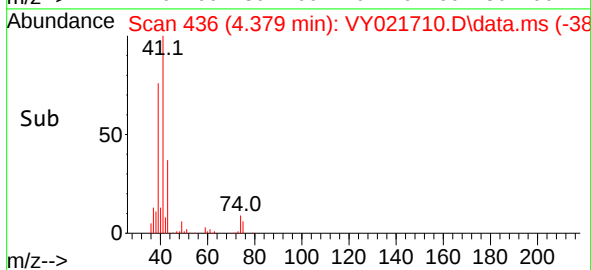
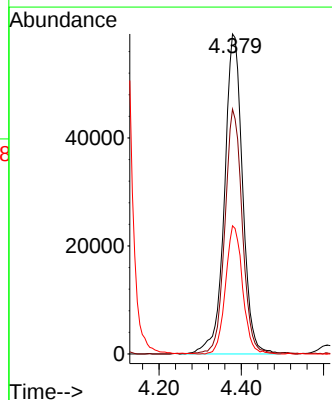
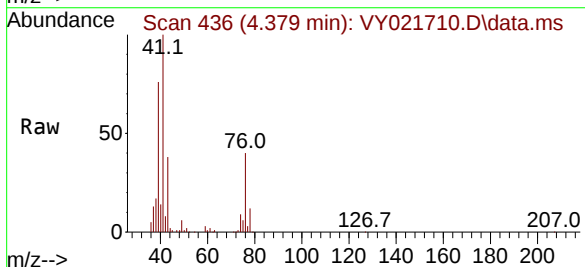
Tgt Ion: 41 Resp: 181439

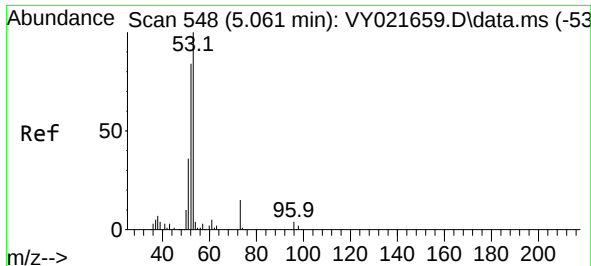
Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 37.7 30.3 45.5

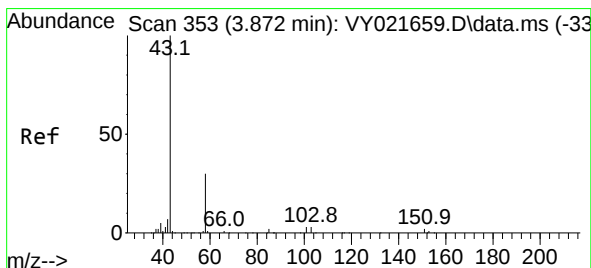
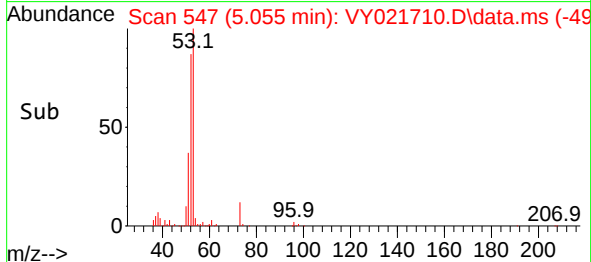
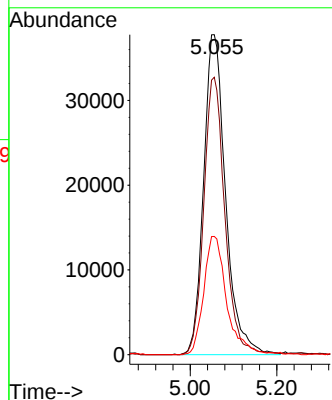
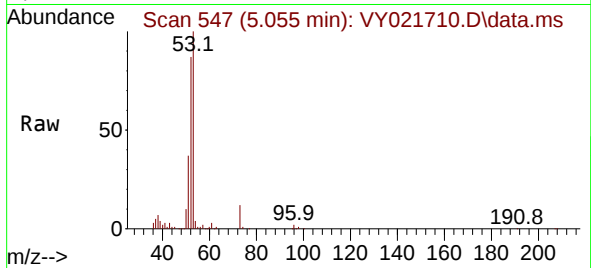




#15
Acrylonitrile
Concen: 252.846 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

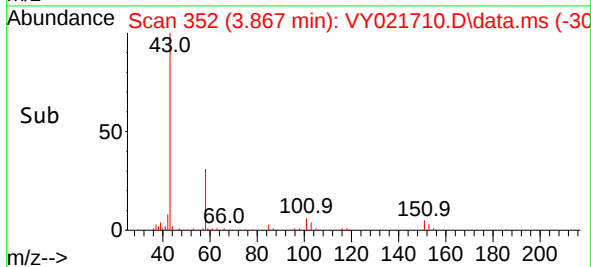
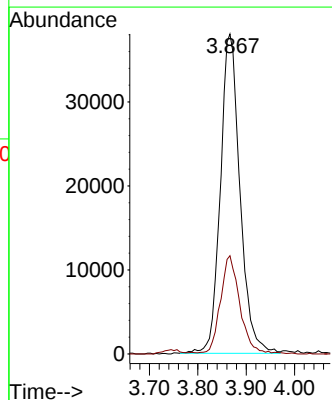
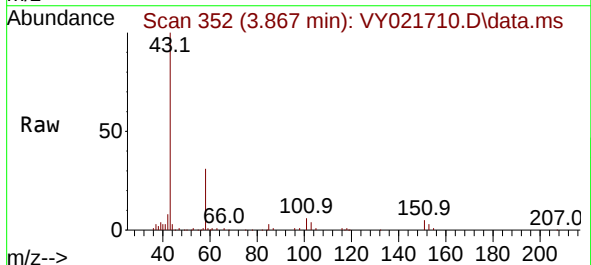
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

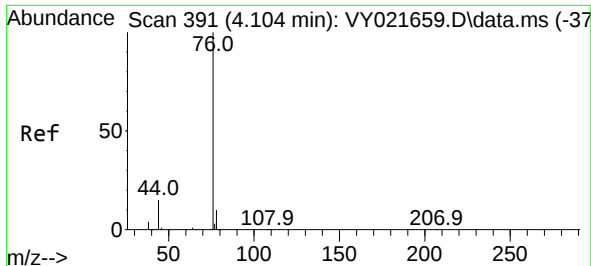
Tgt Ion: 53 Resp: 133278
Ion Ratio Lower Upper
53 100
52 83.0 64.9 97.3
51 38.4 30.2 45.2



#16
Acetone
Concen: 219.682 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 43 Resp: 107103
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4

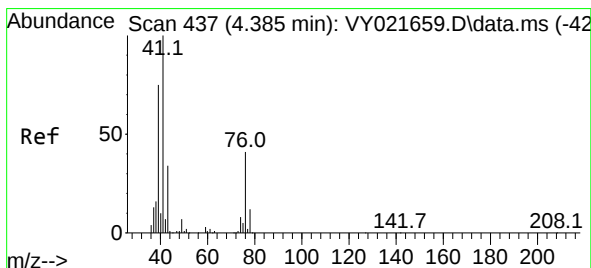
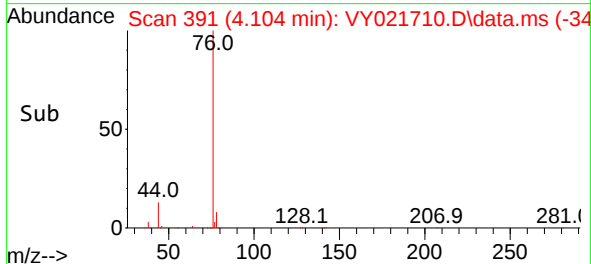
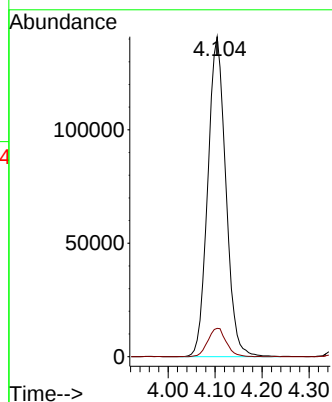
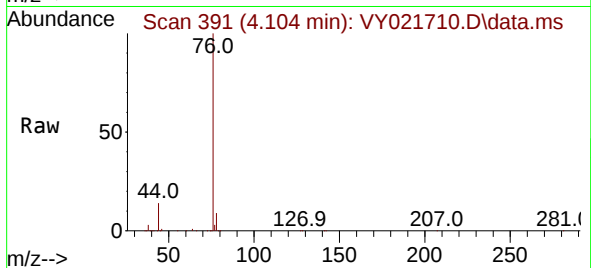




#17
Carbon Disulfide
Concen: 49.414 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

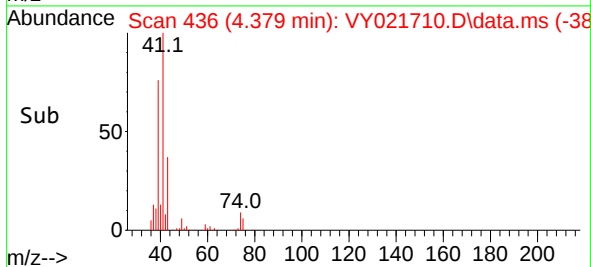
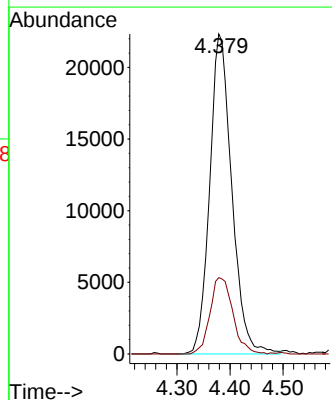
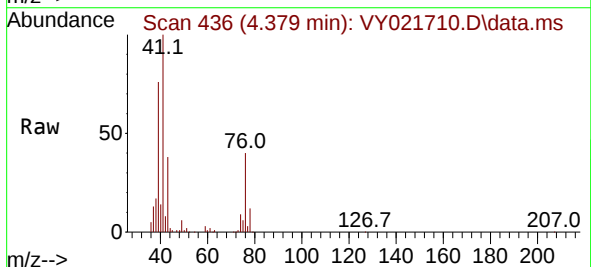
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

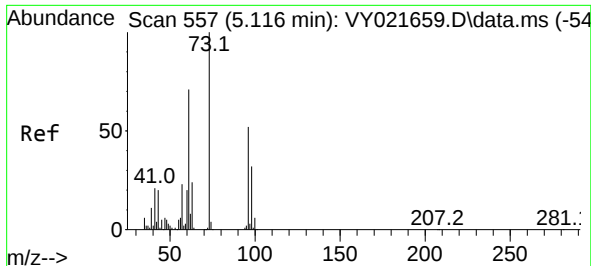
Tgt Ion: 76 Resp: 375340
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 53.480 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 43 Resp: 64621
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7

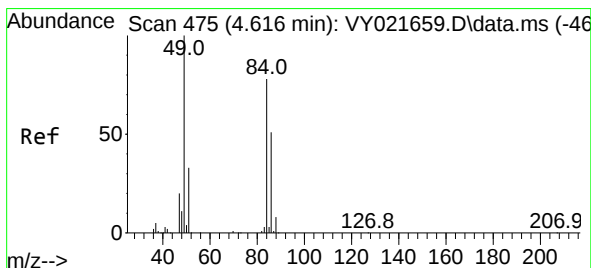
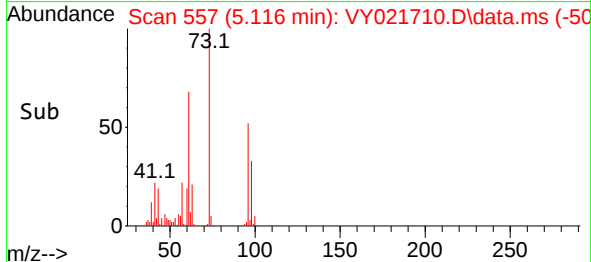
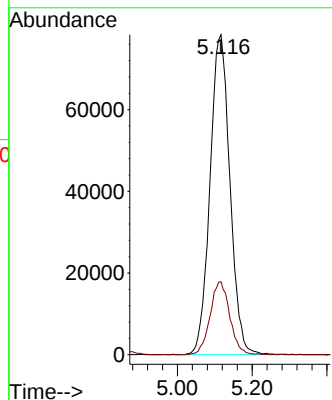
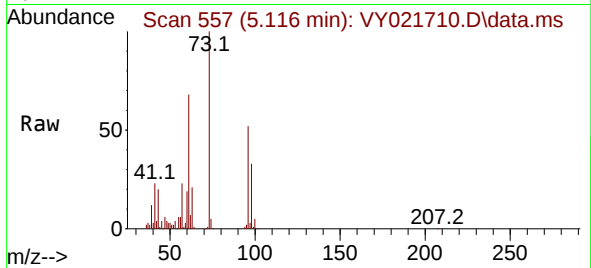




#19
Methyl tert-butyl Ether
Concen: 50.507 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

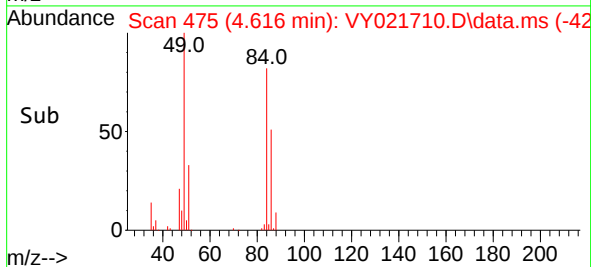
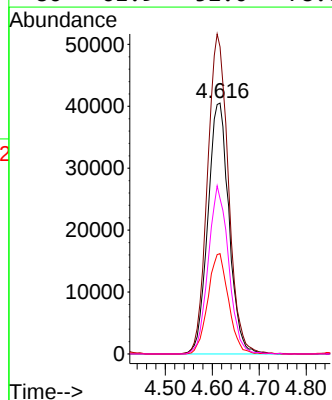
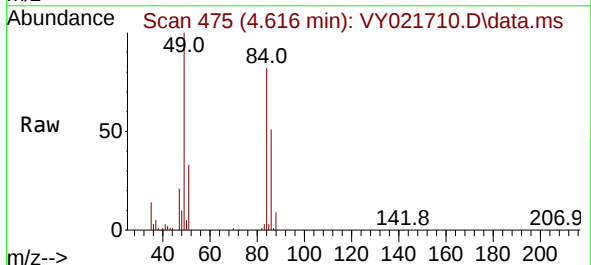
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

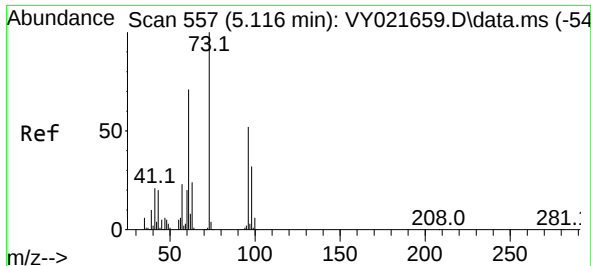
Tgt Ion: 73 Resp: 289989
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1



#20
Methylene Chloride
Concen: 53.035 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 84 Resp: 125964
Ion Ratio Lower Upper
84 100
49 122.4 102.8 154.2
51 40.0 33.5 50.3
86 61.9 52.0 78.0

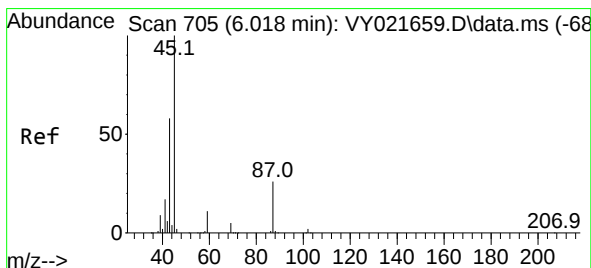
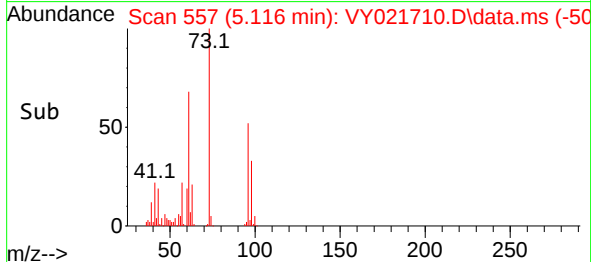
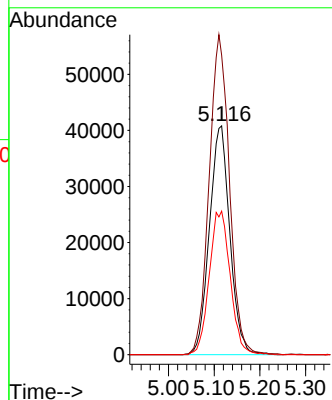
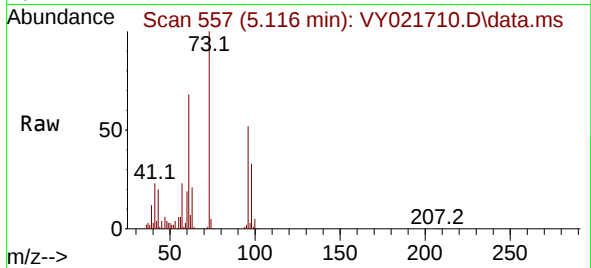




#21
trans-1,2-Dichloroethene
Concen: 49.961 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

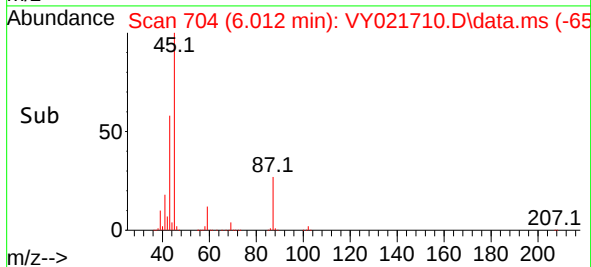
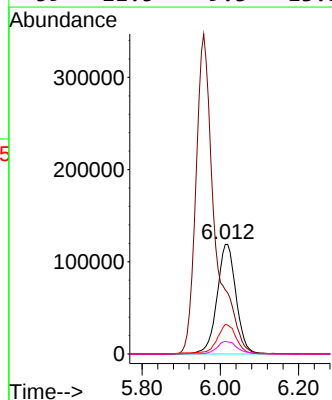
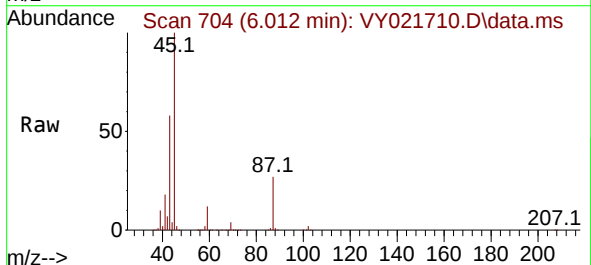
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

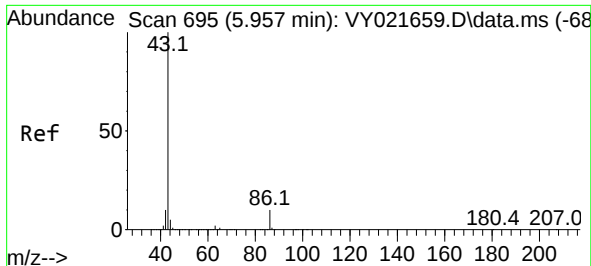
Tgt Ion: 96 Resp: 126860
Ion Ratio Lower Upper
96 100
61 130.9 109.4 164.0
98 62.7 50.2 75.2



#22
Diisopropyl ether
Concen: 51.947 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 45 Resp: 400685
Ion Ratio Lower Upper
45 100
43 58.0 46.6 69.8
87 26.9 20.7 31.1
59 11.5 9.3 13.9

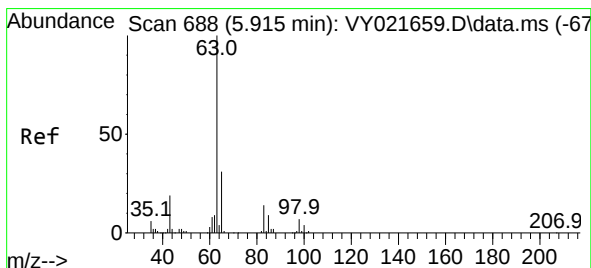
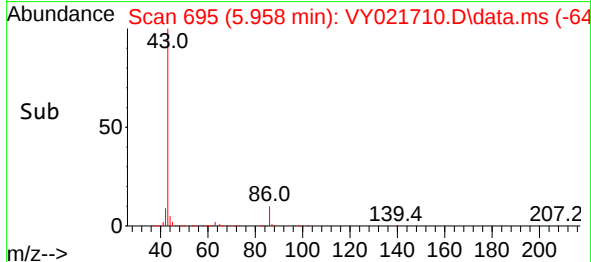
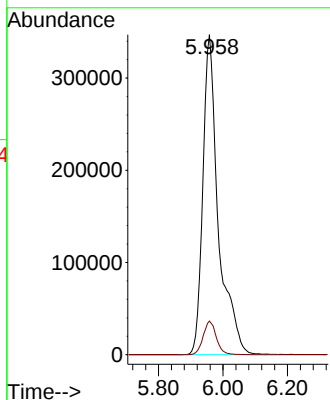
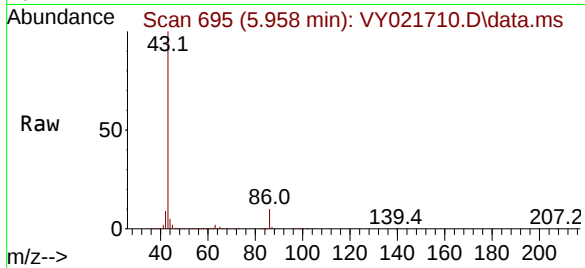




#23
 Vinyl Acetate
 Concen: 256.635 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

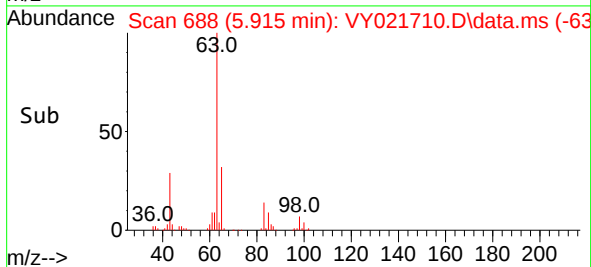
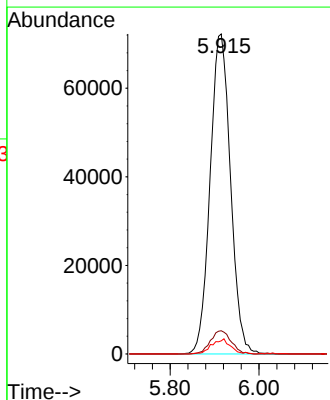
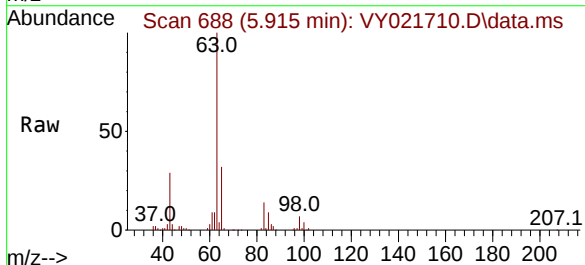
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

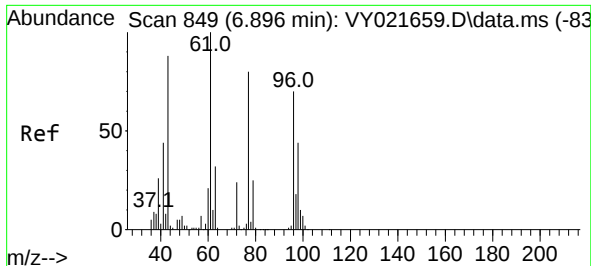
Tgt Ion: 43 Resp: 1158030
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.850 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

Tgt Ion: 63 Resp: 229920
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 246.699 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

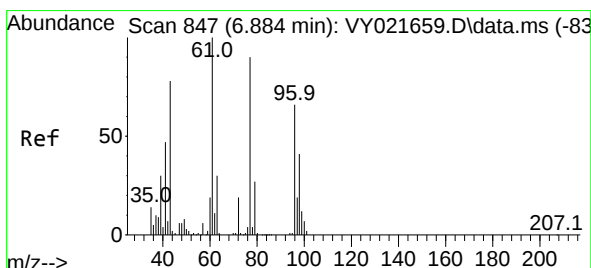
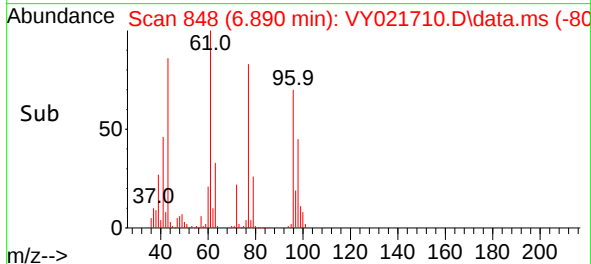
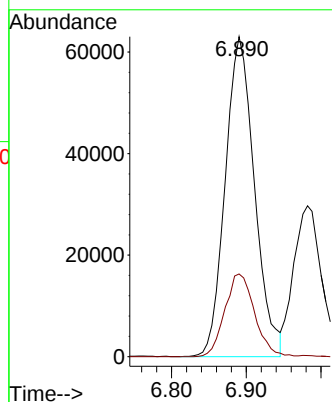
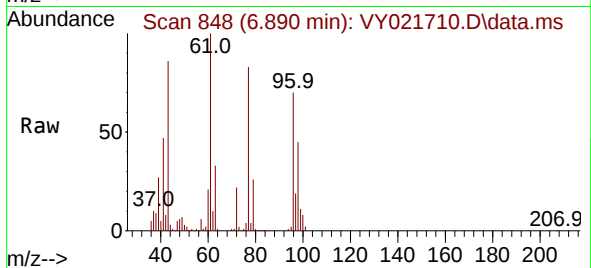
VSTDCCC050

Tgt Ion: 43 Resp: 171790

Ion Ratio Lower Upper

43 100

72 25.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.248 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021710.D

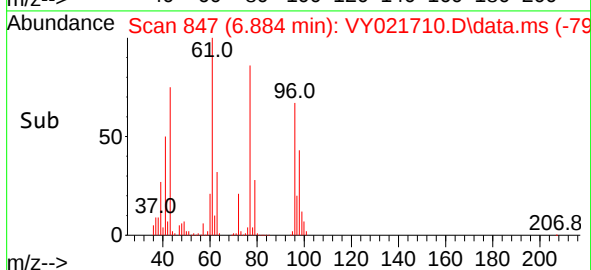
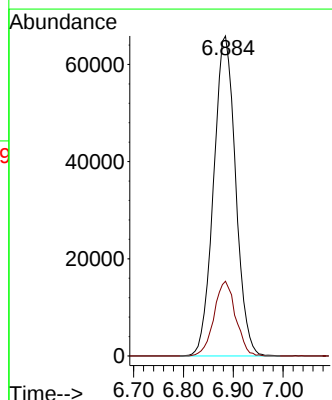
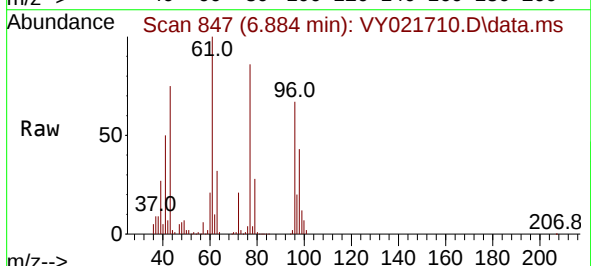
Acq: 31 Mar 2025 10:08

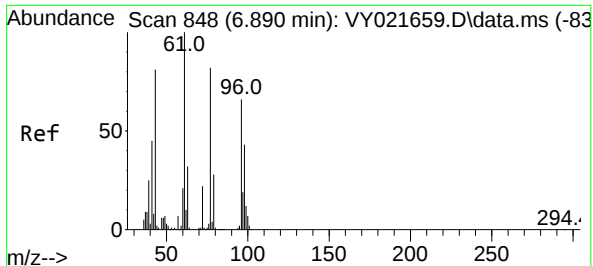
Tgt Ion: 77 Resp: 202048

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.049 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

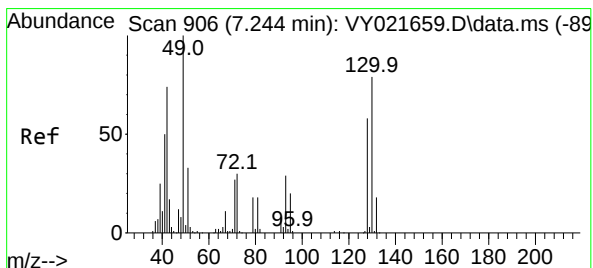
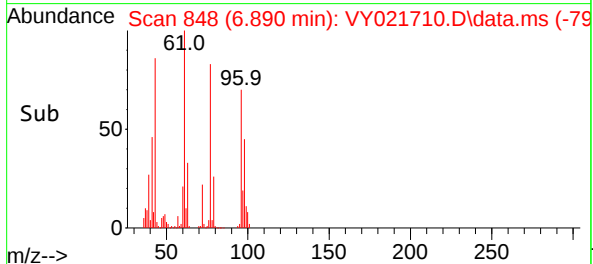
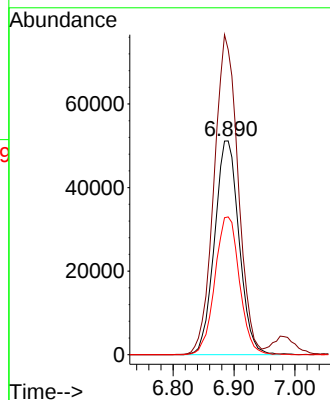
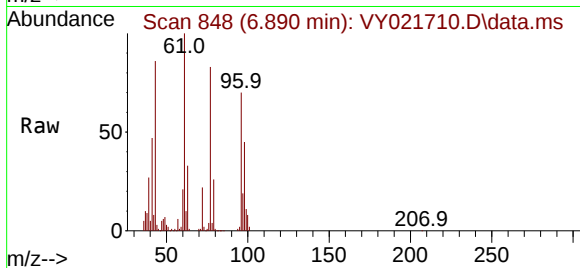
Tgt Ion: 96 Resp: 142913

Ion Ratio Lower Upper

96 100

61 147.0 0.0 296.4

98 64.8 0.0 128.0



#28

Bromochloromethane

Concen: 50.596 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

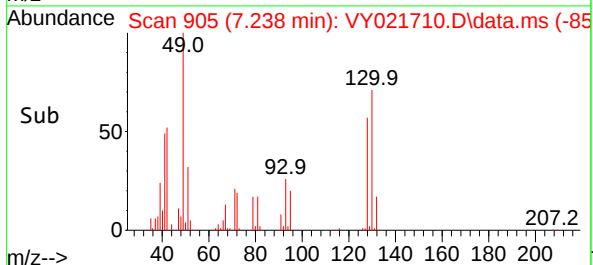
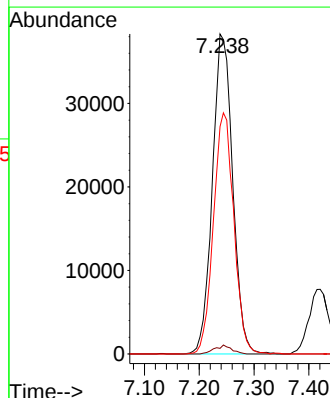
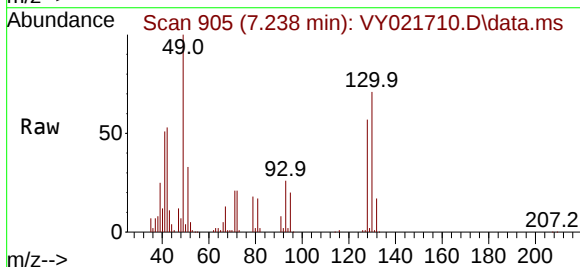
Tgt Ion: 49 Resp: 98416

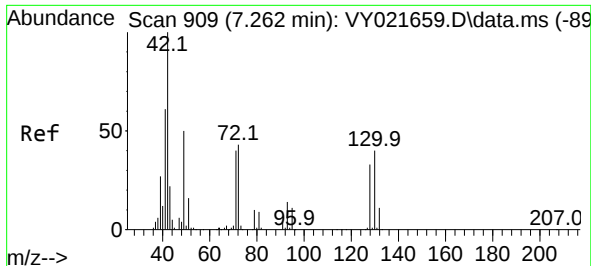
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 75.8 60.1 90.1





#29

Tetrahydrofuran

Concen: 257.561 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

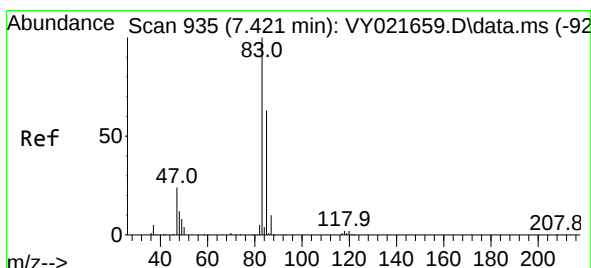
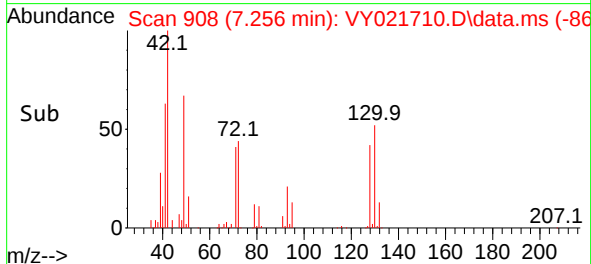
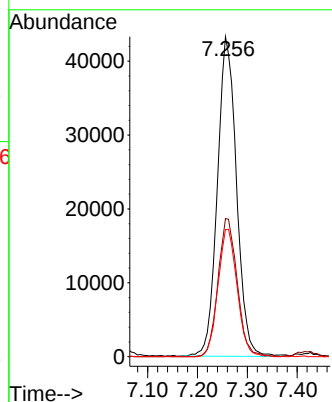
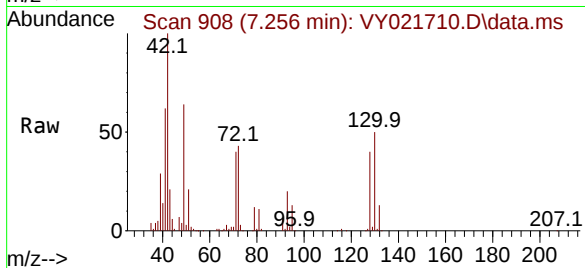
Tgt Ion: 42 Resp: 115430

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 39.9 32.5 48.7



#30

Chloroform

Concen: 49.797 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021710.D

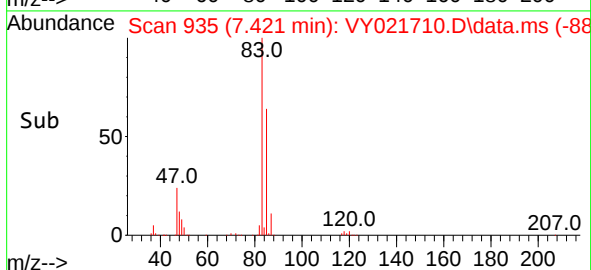
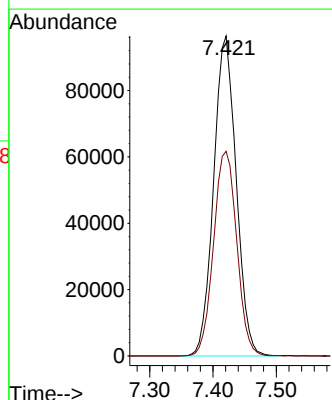
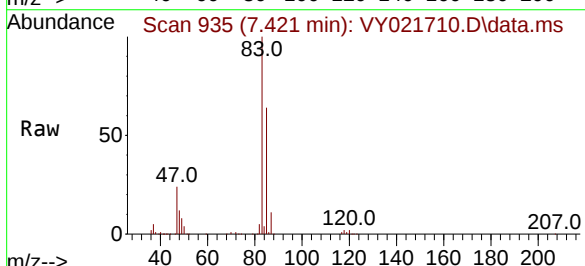
Acq: 31 Mar 2025 10:08

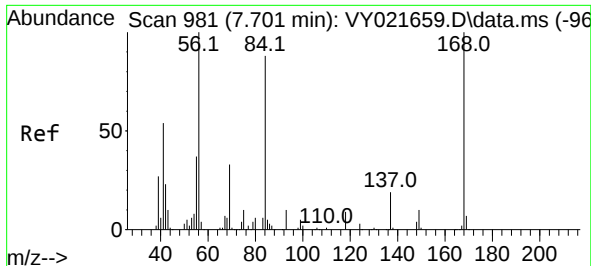
Tgt Ion: 83 Resp: 238885

Ion Ratio Lower Upper

83 100

85 64.0 50.6 75.8

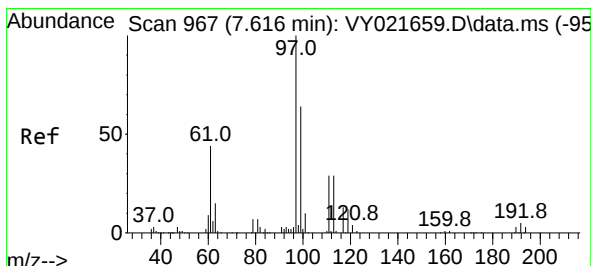
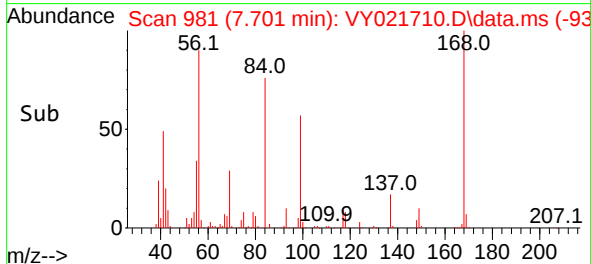
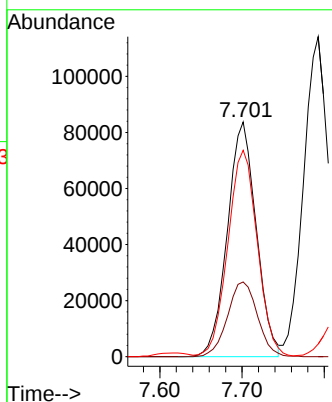
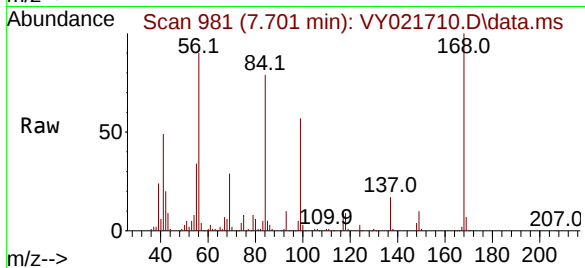




#31
Cyclohexane
Concen: 48.480 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

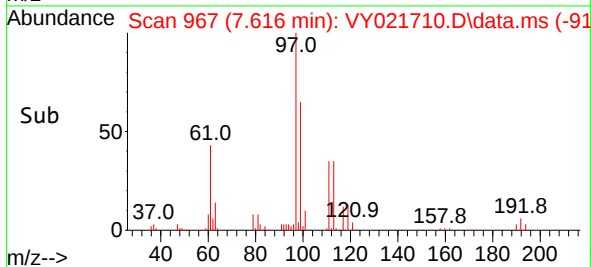
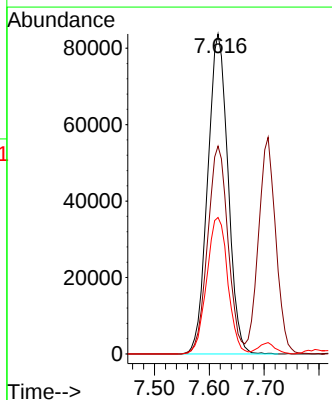
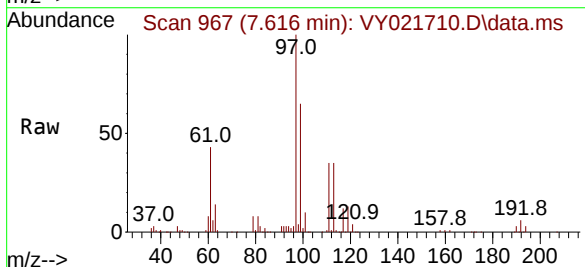
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

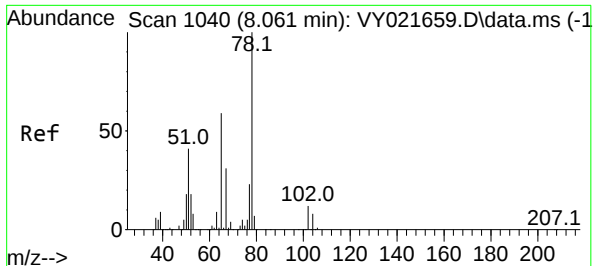
Tgt Ion: 56 Resp: 203830
Ion Ratio Lower Upper
56 100
69 31.8 26.6 40.0
84 86.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.652 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 97 Resp: 215280
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.504 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

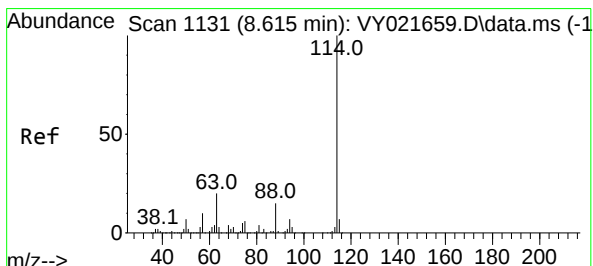
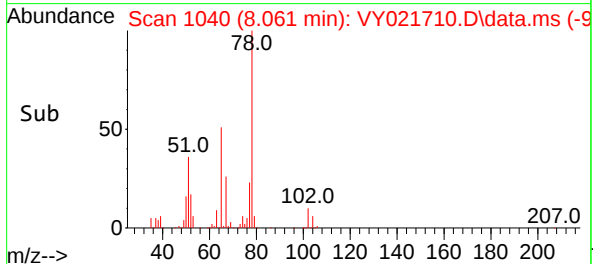
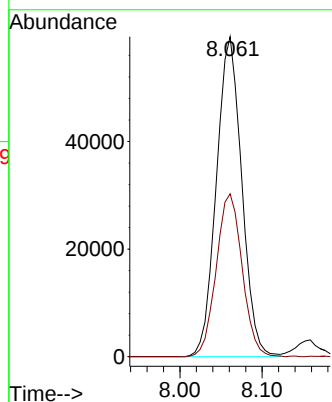
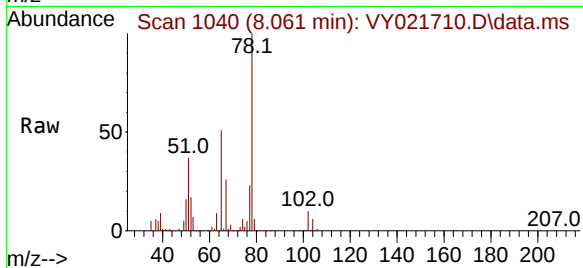
VSTDCCC050

Tgt Ion: 65 Resp: 127456

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

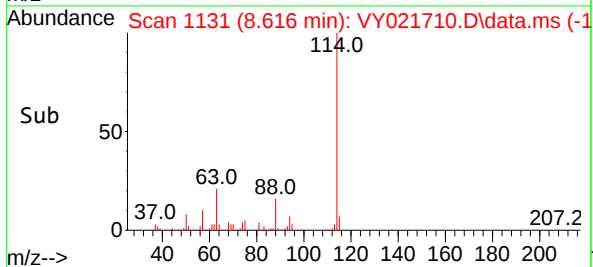
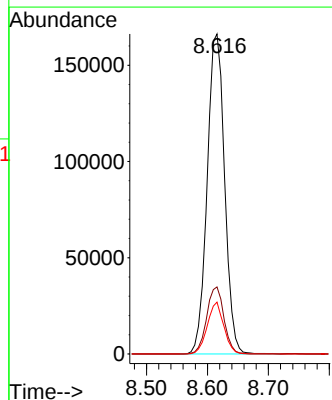
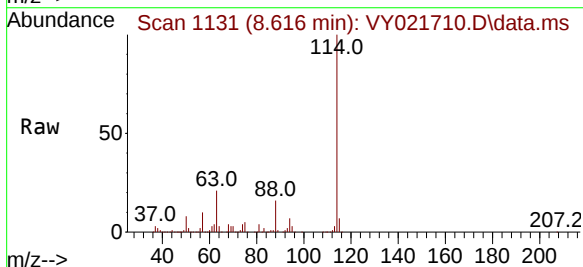
Tgt Ion: 114 Resp: 330473

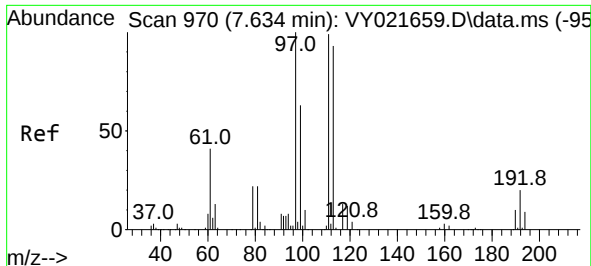
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 16.2 0.0 29.8

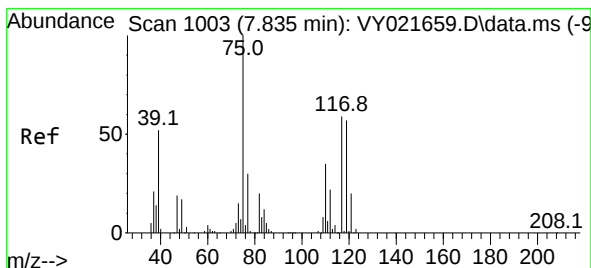
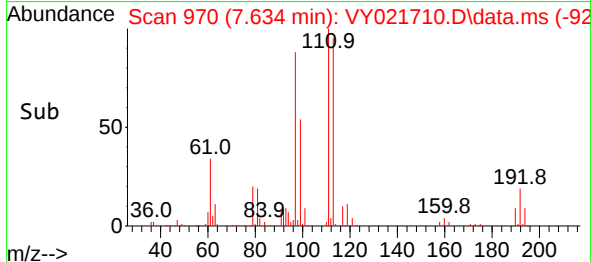
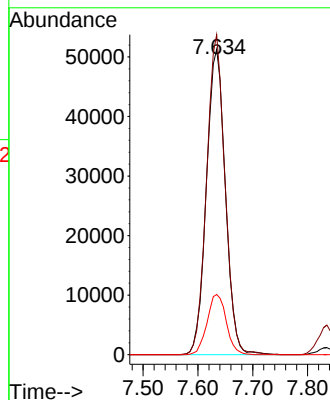
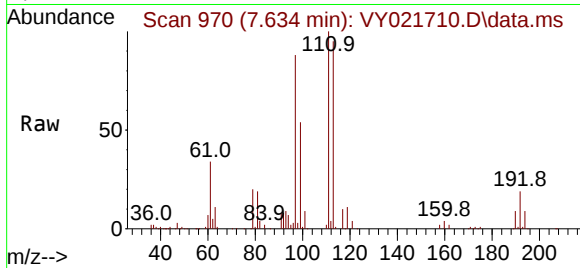




#35
Dibromofluoromethane
Concen: 57.318 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

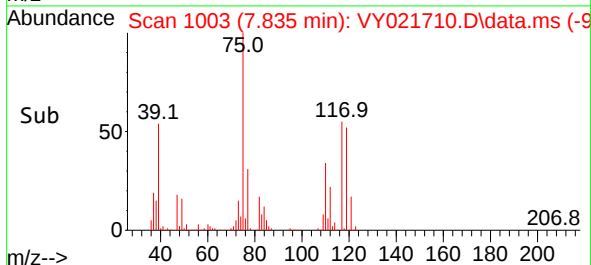
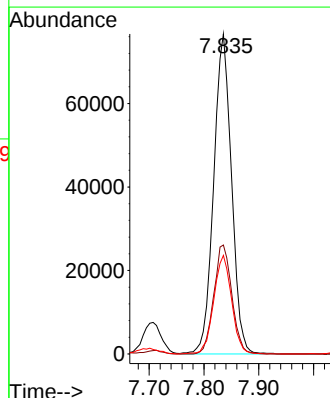
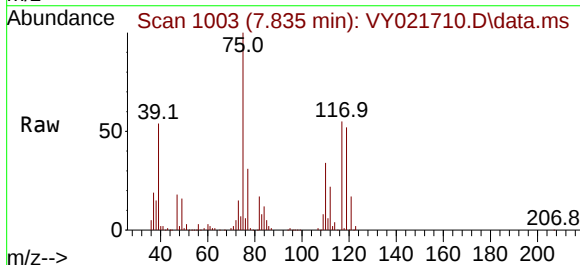
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

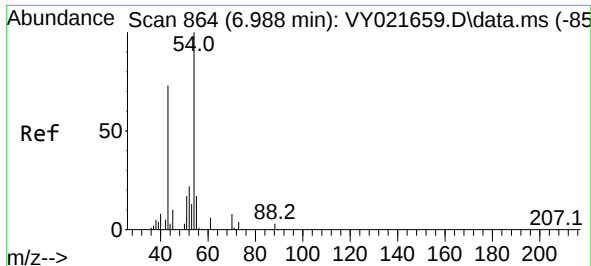
Tgt Ion:113 Resp: 122875
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 53.022 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 75 Resp: 173128
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 30.9 24.8 37.2

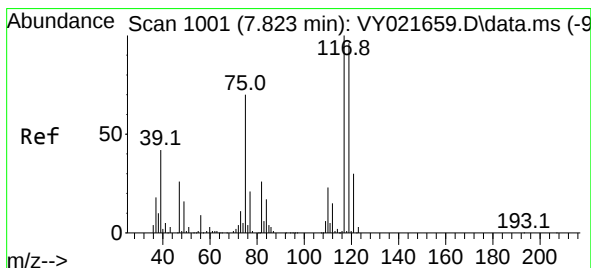
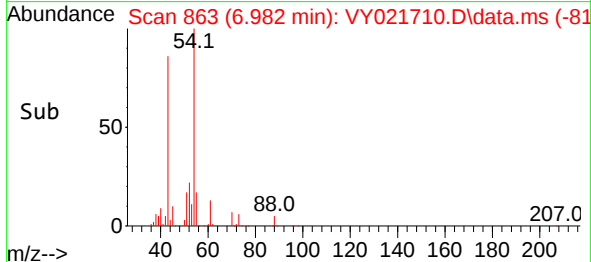
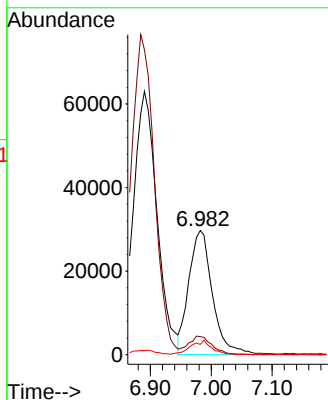
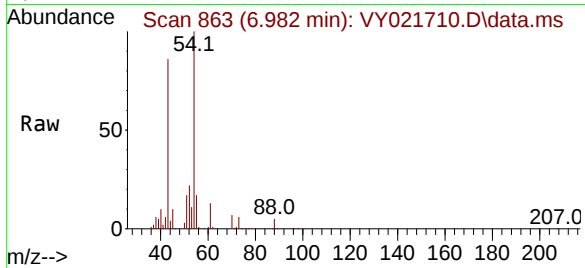




#37
Ethyl Acetate
Concen: 51.716 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

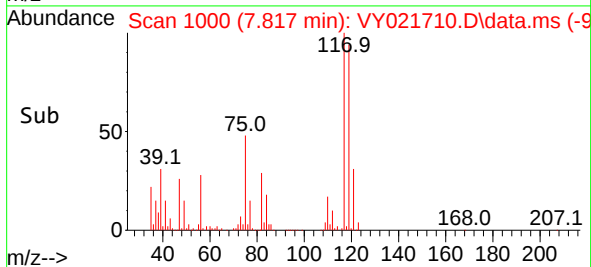
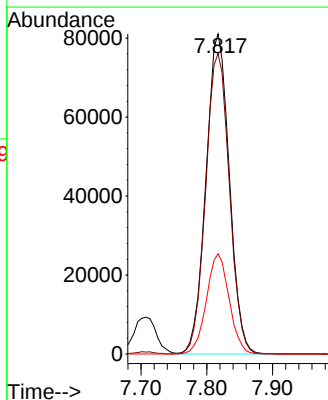
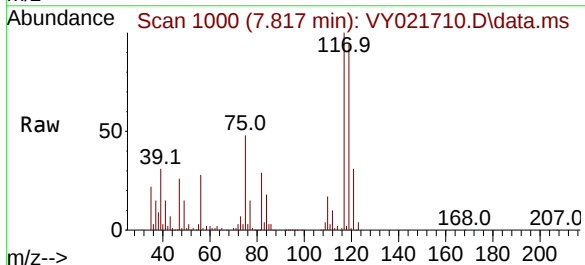
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

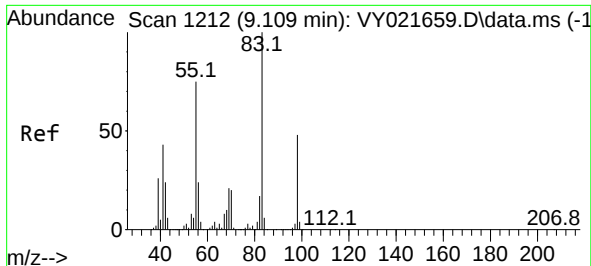
Tgt Ion: 43 Resp: 79695
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.6
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.686 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 117 Resp: 200776
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.4
121 31.3 24.2 36.4

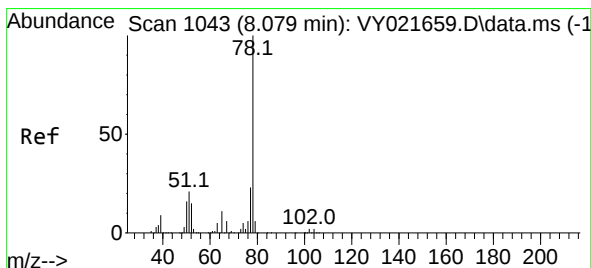
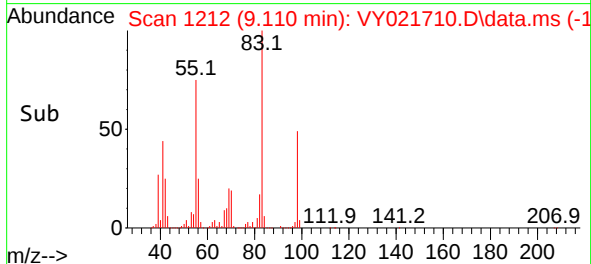
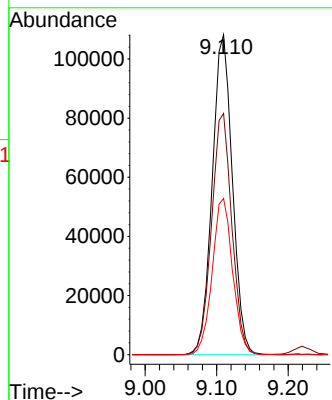
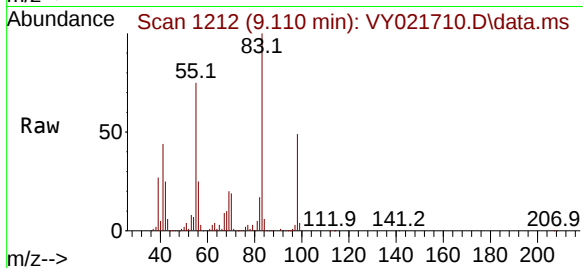




#39
Methylcyclohexane
Concen: 54.307 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

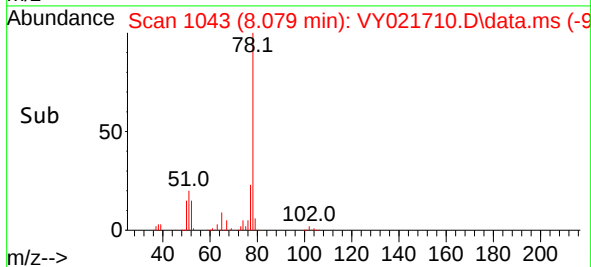
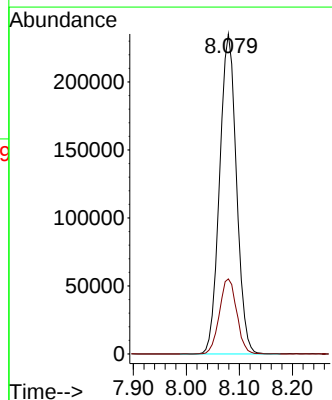
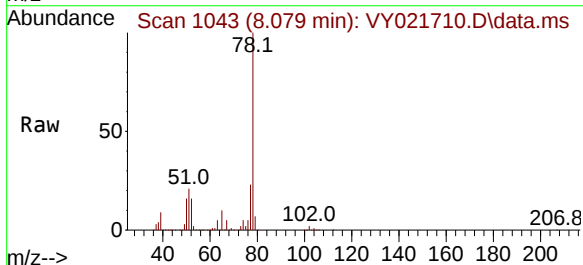
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

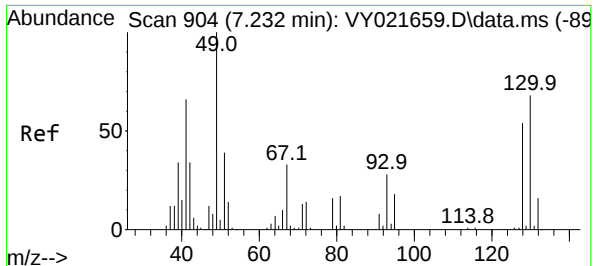
Tgt Ion: 83 Resp: 211833
Ion Ratio Lower Upper
83 100
55 75.3 59.7 89.5
98 48.8 38.3 57.5



#40
Benzene
Concen: 53.115 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 78 Resp: 519385
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

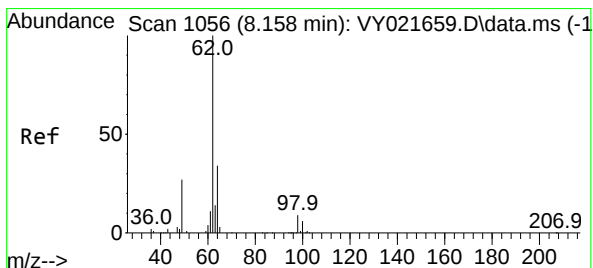
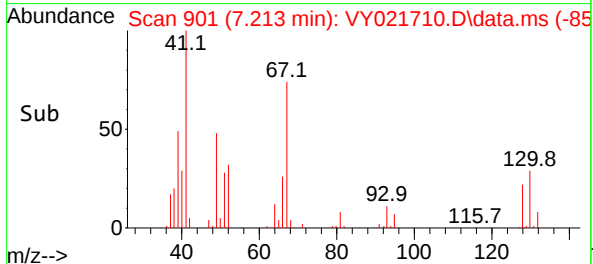
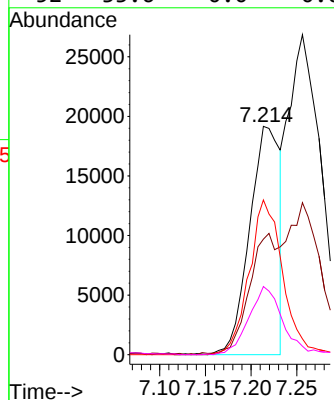
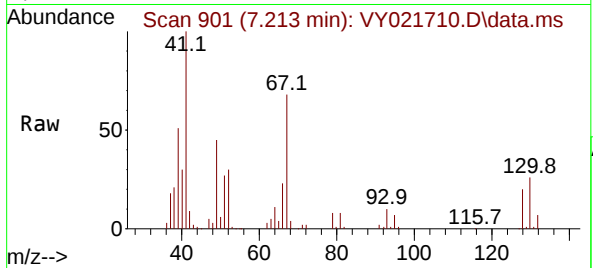




#41
Methacrylonitrile
Concen: 54.109 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

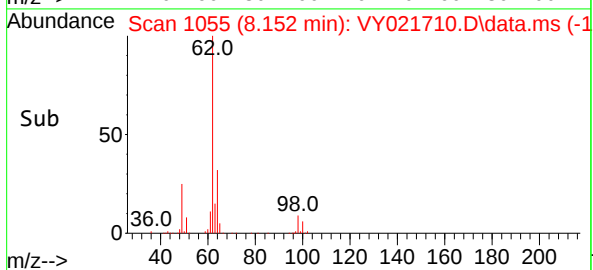
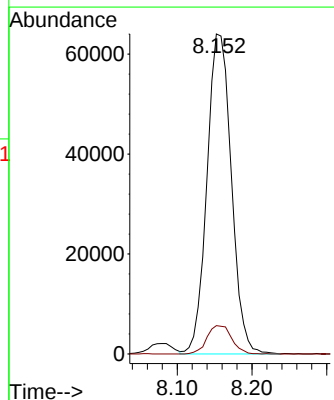
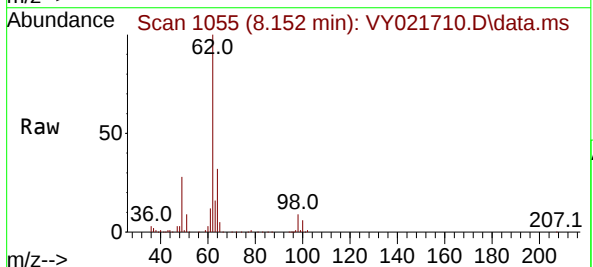
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

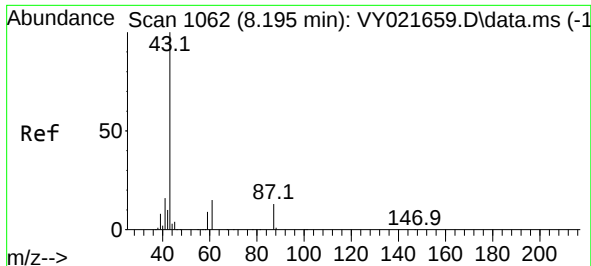
Tgt Ion:	41	Resp:	44282
Ion	Ratio	Lower	Upper
41	100		
39	45.5	0.0	0.0#
67	75.4	0.0	0.0#
52	33.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.829 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:	62	Resp:	145634
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

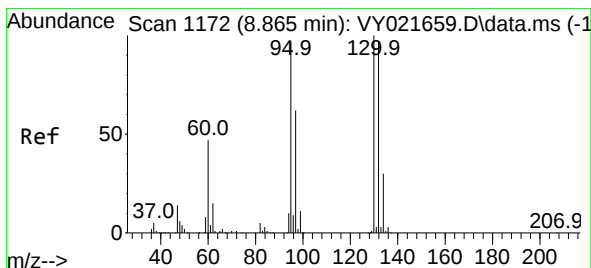
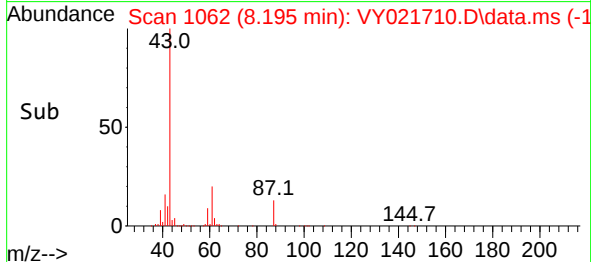
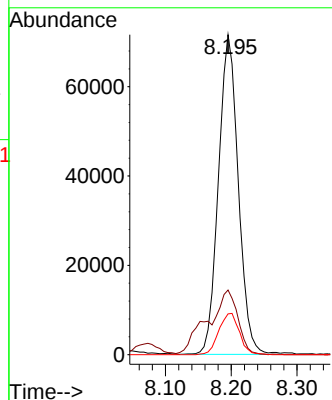
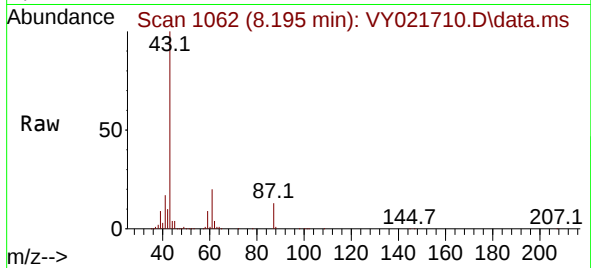




#43
Isopropyl Acetate
Concen: 51.432 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

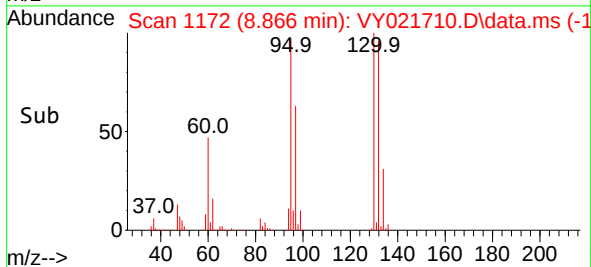
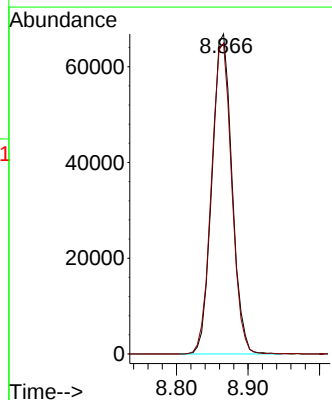
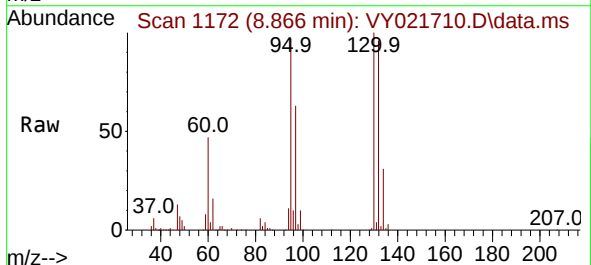
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

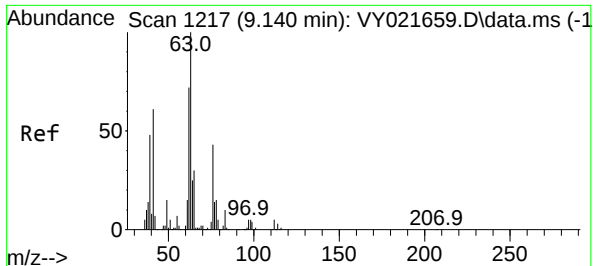
Tgt Ion: 43 Resp: 150197
Ion Ratio Lower Upper
43 100
61 30.6 15.9 23.9#
87 13.4 10.4 15.6



#44
Trichloroethene
Concen: 52.160 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:130 Resp: 129956
Ion Ratio Lower Upper
130 100
95 97.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.038 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

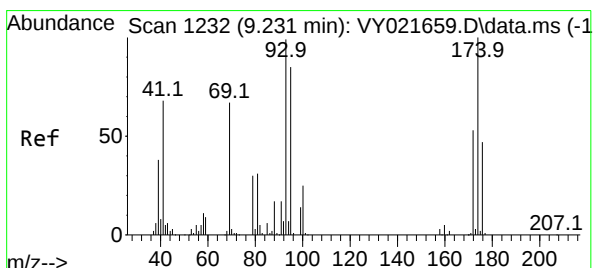
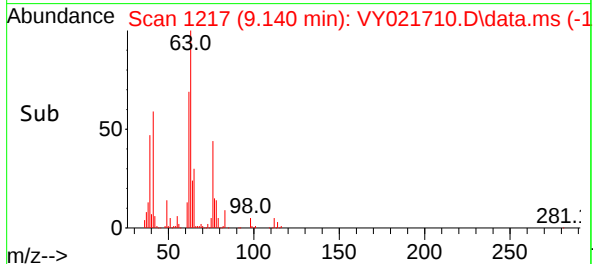
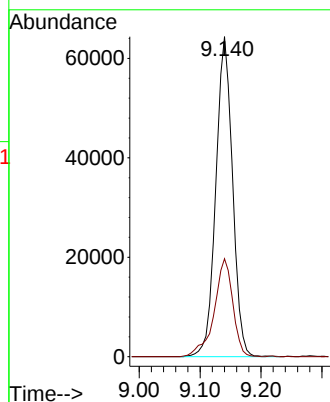
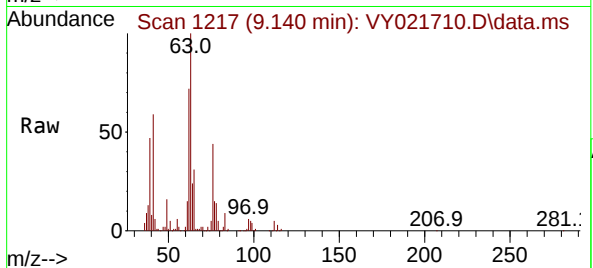
VSTDCCC050

Tgt Ion: 63 Resp: 122763

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 53.637 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

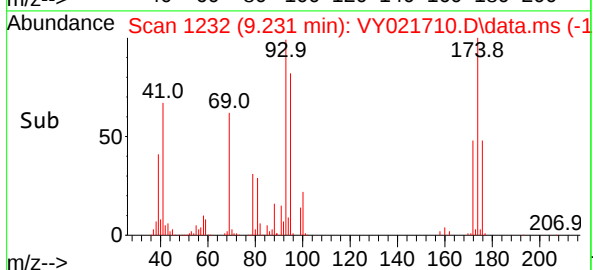
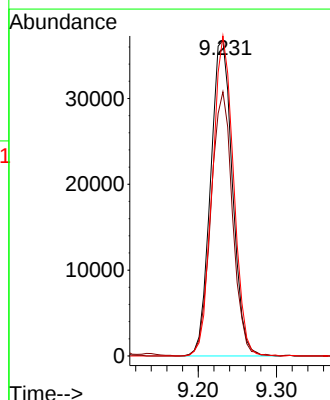
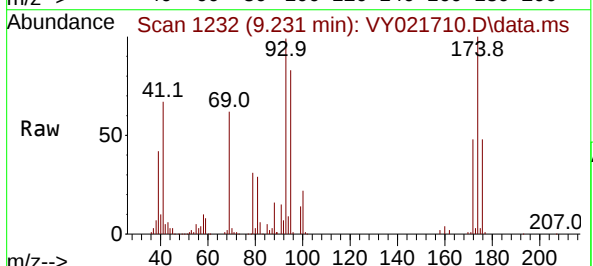
Tgt Ion: 93 Resp: 71550

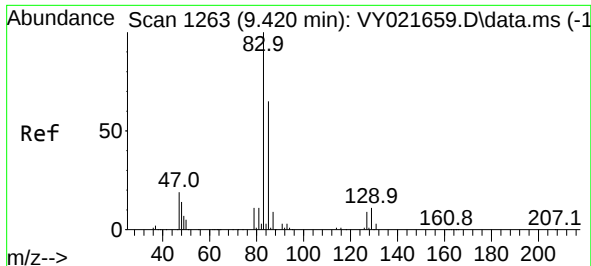
Ion Ratio Lower Upper

93 100

95 82.4 68.1 102.1

174 98.1 80.9 121.3

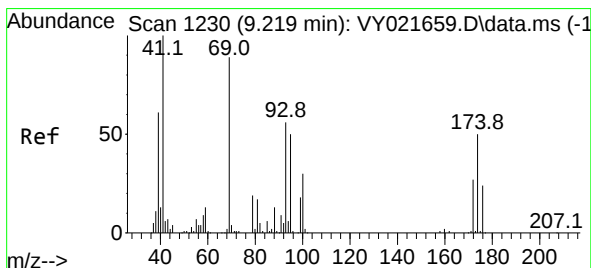
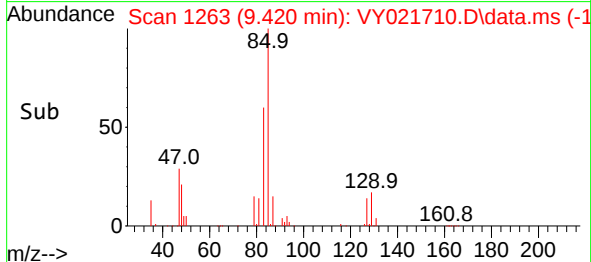
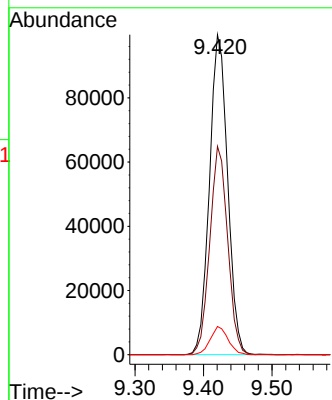
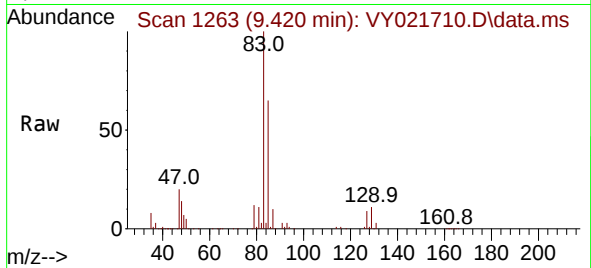




#47
Bromodichloromethane
Concen: 53.147 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

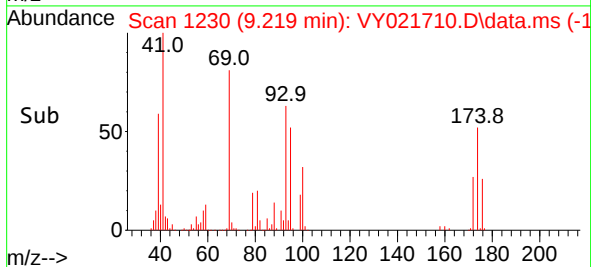
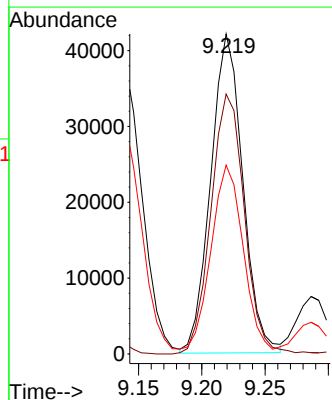
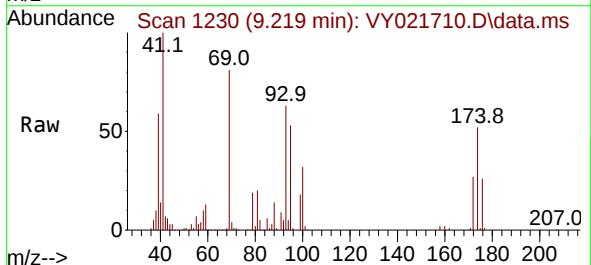
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

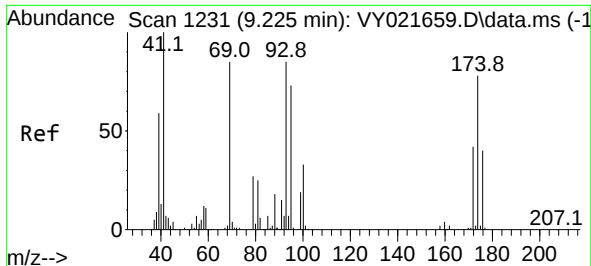
Tgt Ion: 83 Resp: 183708
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 55.389 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 41 Resp: 74238
Ion Ratio Lower Upper
41 100
69 85.0 69.8 104.8
39 56.9 47.2 70.8





#49

1,4-Dioxane

Concen: 1087.866 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

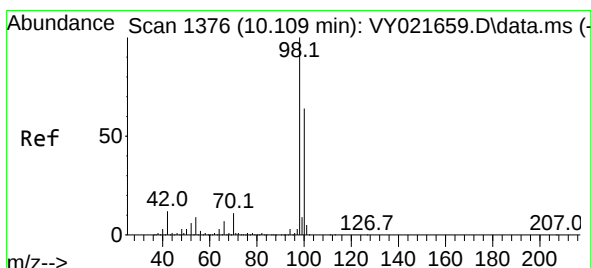
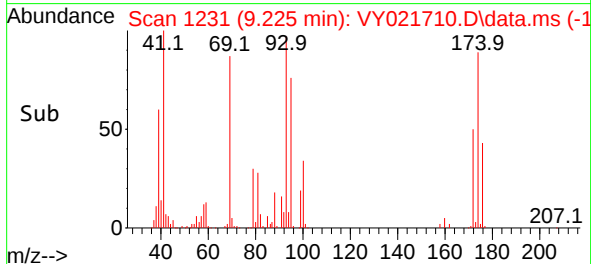
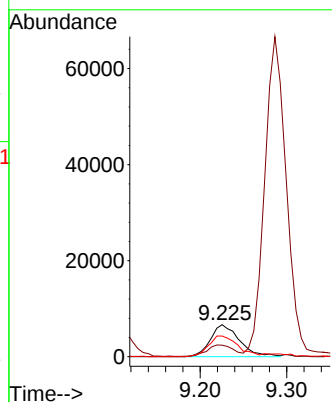
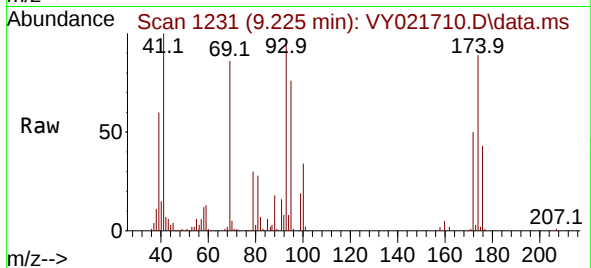
Tgt Ion: 88 Resp: 15546

Ion Ratio Lower Upper

88 100

43 32.7 28.8 43.2

58 65.3 59.4 89.2



#50

Toluene-d8

Concen: 57.457 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021710.D

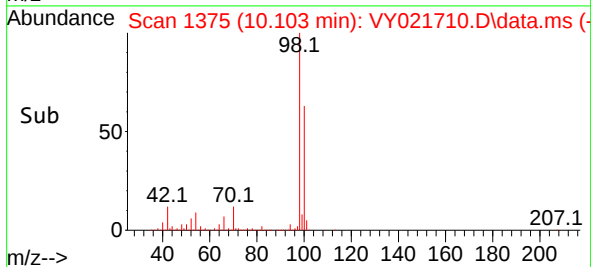
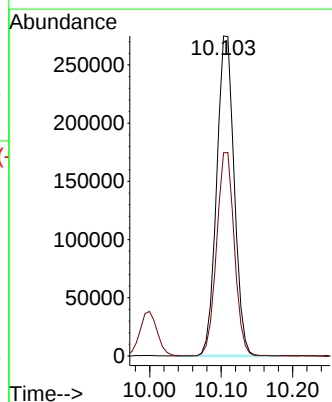
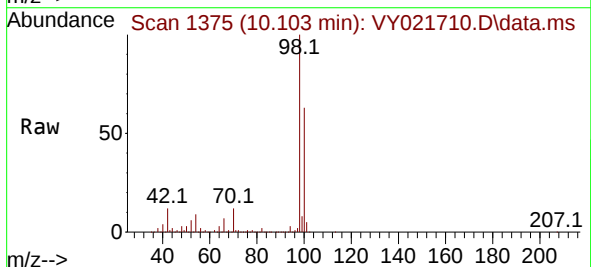
Acq: 31 Mar 2025 10:08

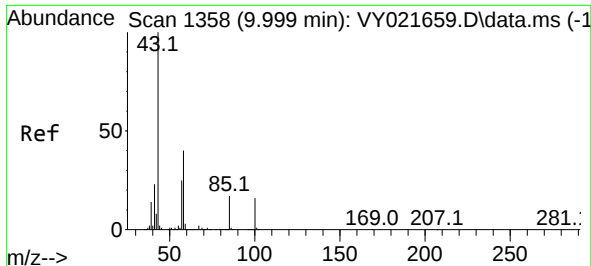
Tgt Ion: 98 Resp: 468580

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 275.853 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

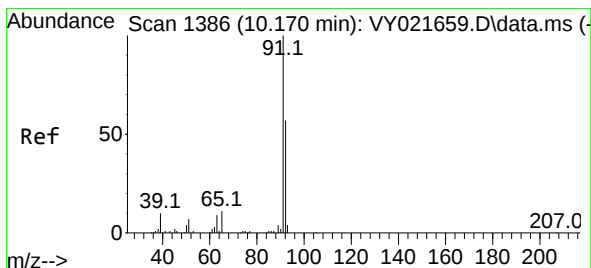
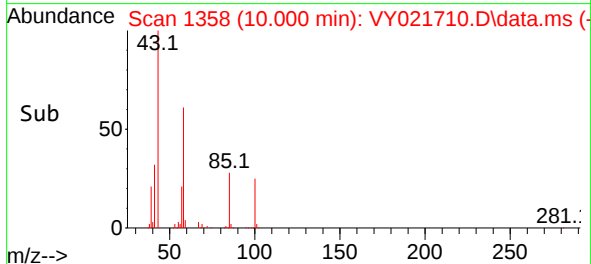
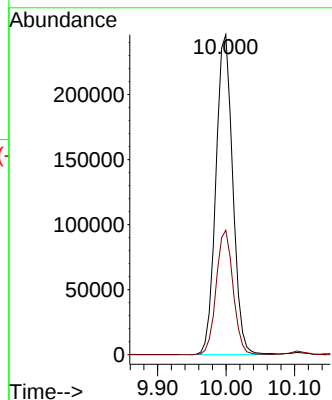
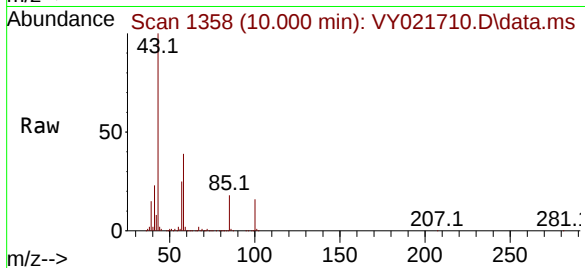
VSTDCCC050

Tgt Ion: 43 Resp: 419220

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



#52

Toluene

Concen: 54.010 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021710.D

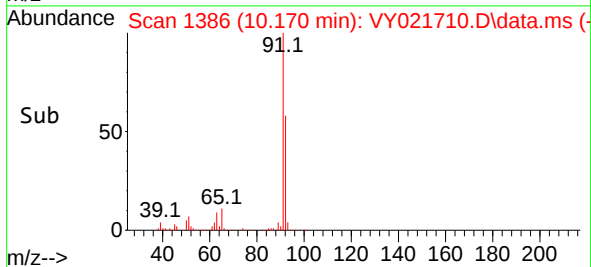
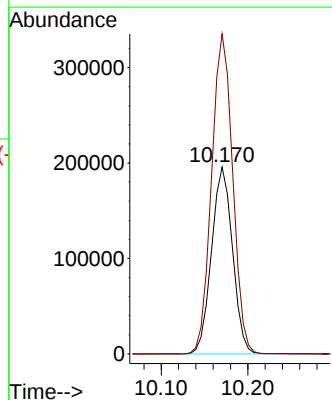
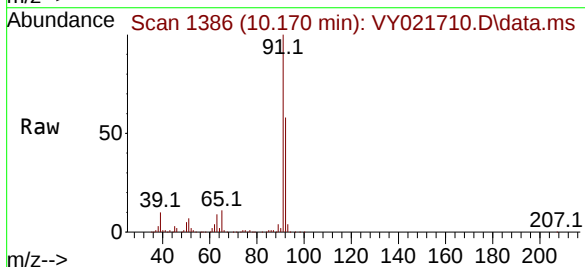
Acq: 31 Mar 2025 10:08

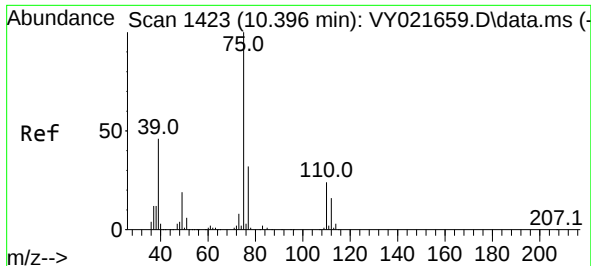
Tgt Ion: 92 Resp: 329514

Ion Ratio Lower Upper

92 100

91 172.5 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 54.122 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

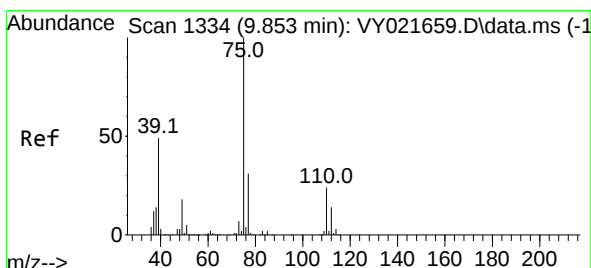
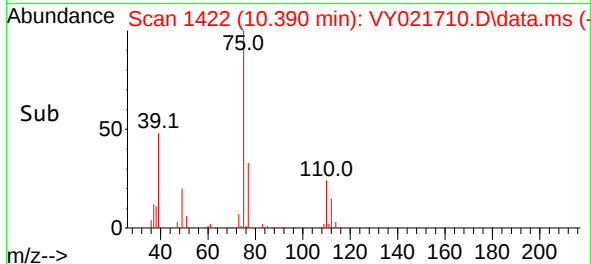
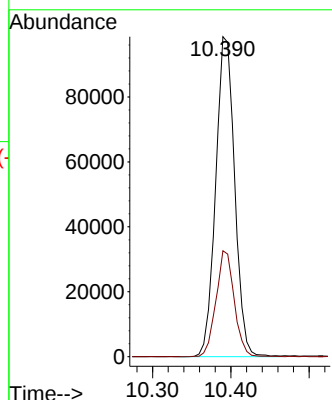
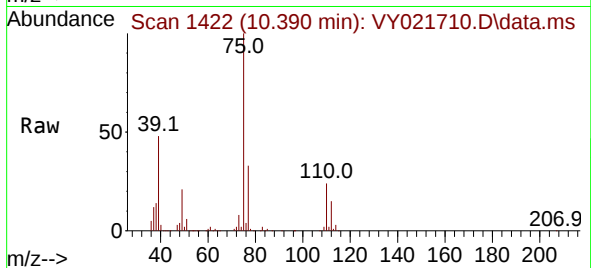
VSTDCCC050

Tgt Ion: 75 Resp: 166167

Ion Ratio Lower Upper

75 100

77 33.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 53.389 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

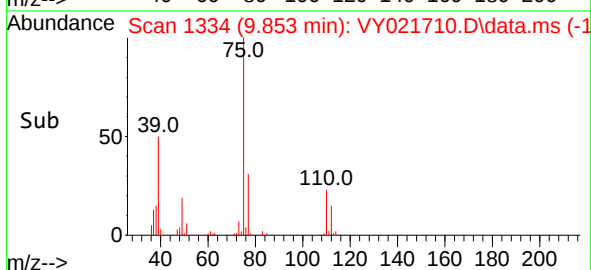
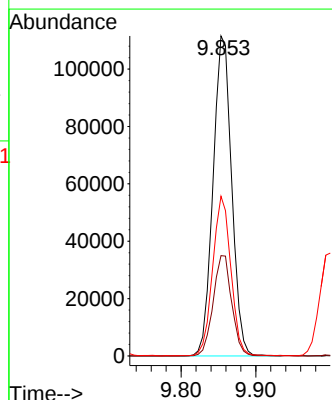
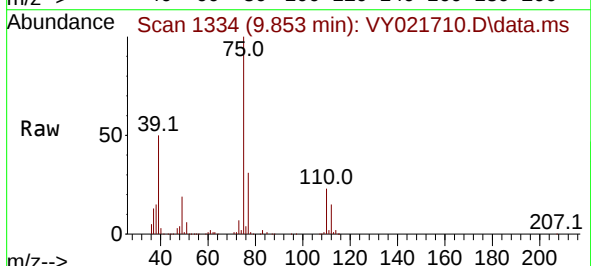
Tgt Ion: 75 Resp: 193376

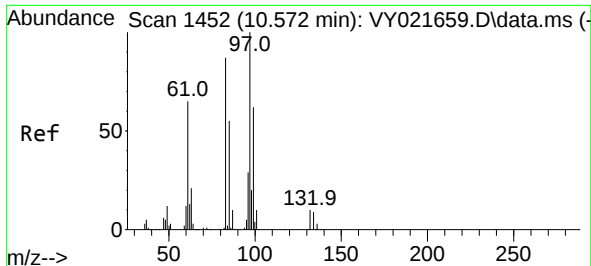
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 49.8 39.2 58.8

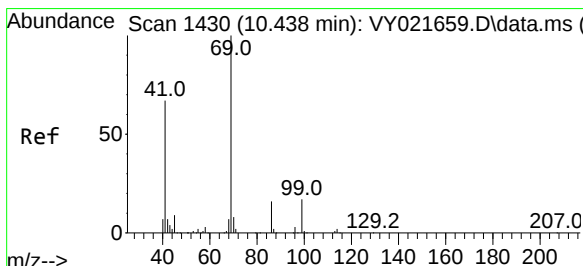
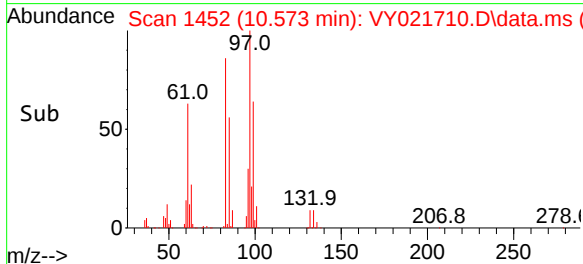
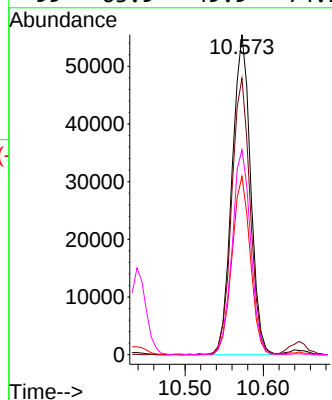
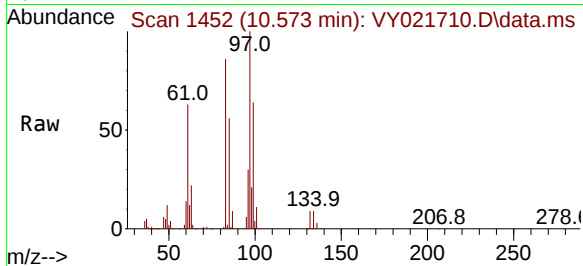




#55
1,1,2-Trichloroethane
Concen: 53.104 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

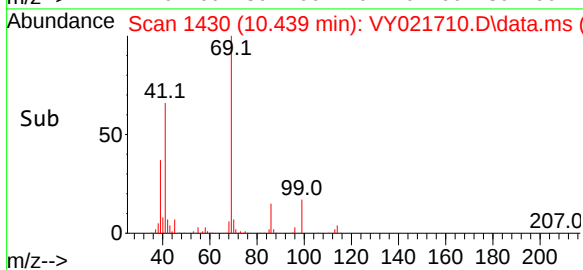
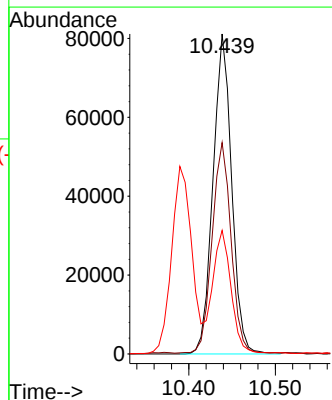
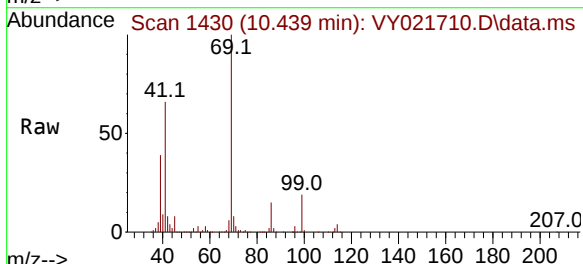
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

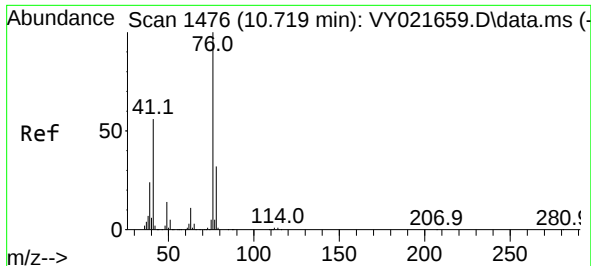
Tgt Ion: 97	Resp: 91162
Ion Ratio	Lower Upper
97 100	
83 86.4	69.5 104.3
85 55.7	43.9 65.9
99 63.9	49.9 74.9



#56
Ethyl methacrylate
Concen: 55.489 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 69	Resp: 121632
Ion Ratio	Lower Upper
69 100	
41 66.7	53.8 80.6
39 38.8	29.6 44.4





#57

1,3-Dichloropropane

Concen: 54.411 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

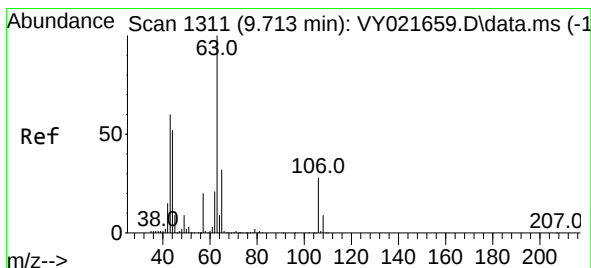
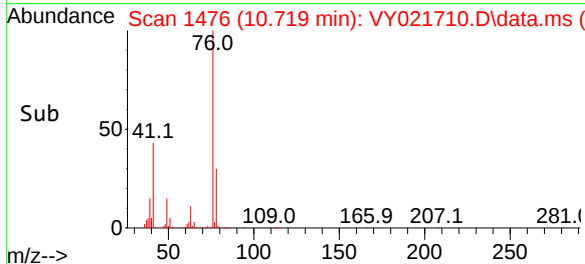
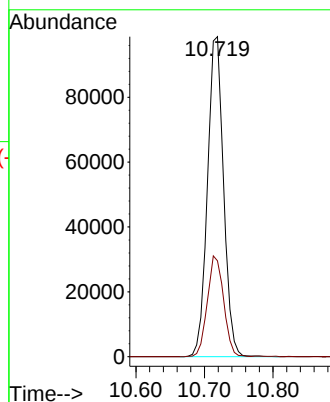
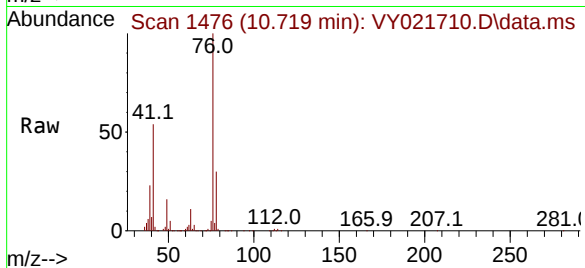
VSTDCCC050

Tgt Ion: 76 Resp: 161318

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 296.929 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021710.D

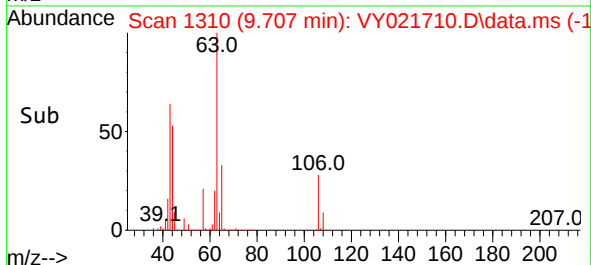
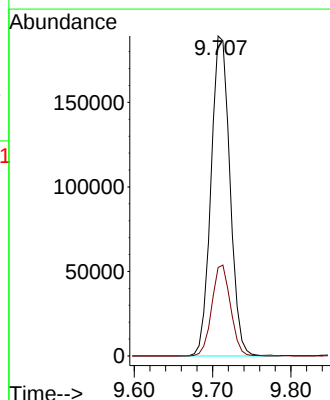
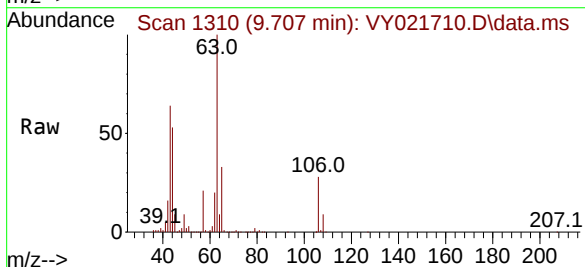
Acq: 31 Mar 2025 10:08

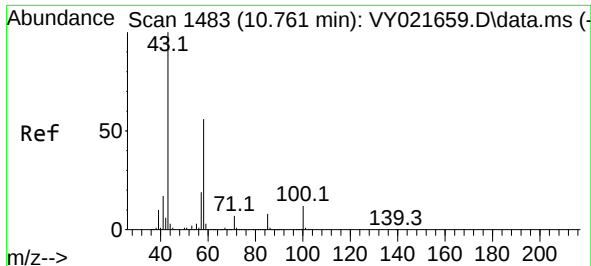
Tgt Ion: 63 Resp: 317515

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

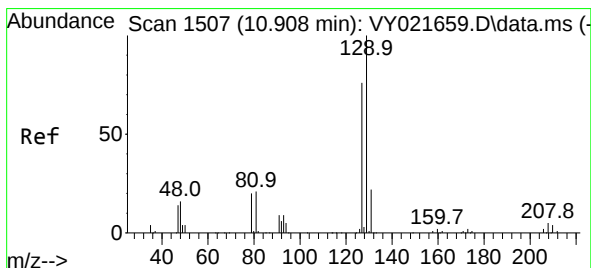
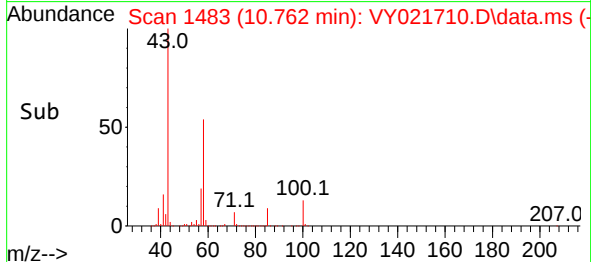
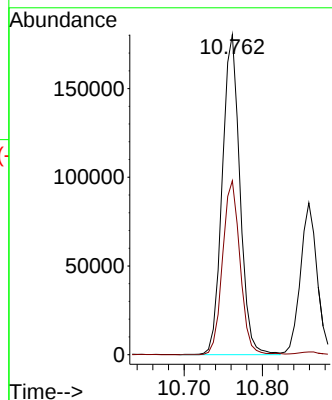
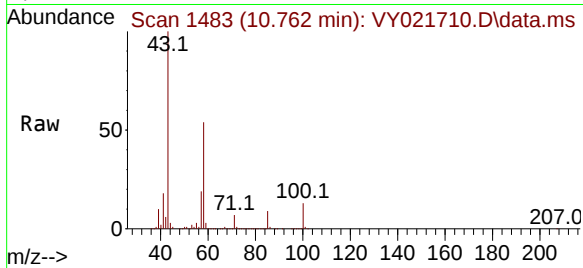




#59
2-Hexanone
Concen: 279.290 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

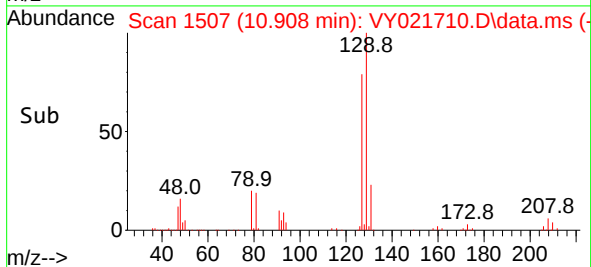
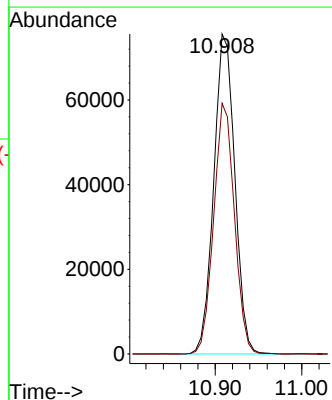
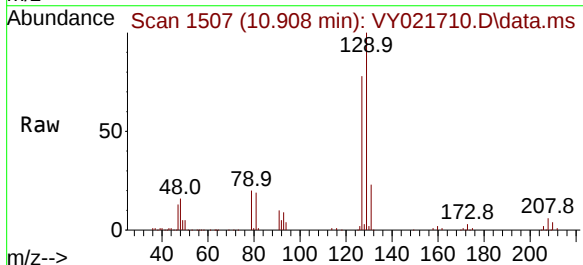
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

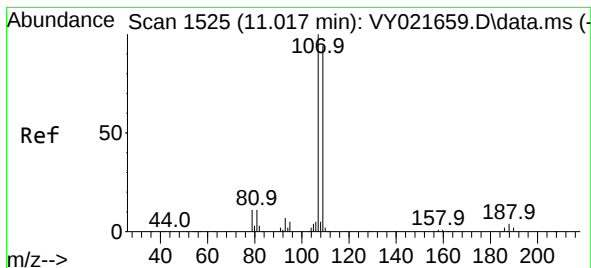
Tgt Ion: 43 Resp: 282672
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 54.396 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:129 Resp: 127495
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

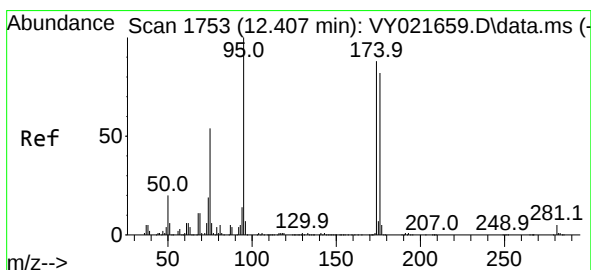
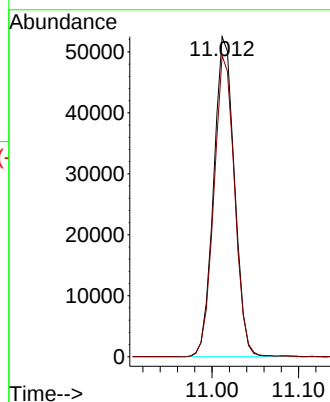
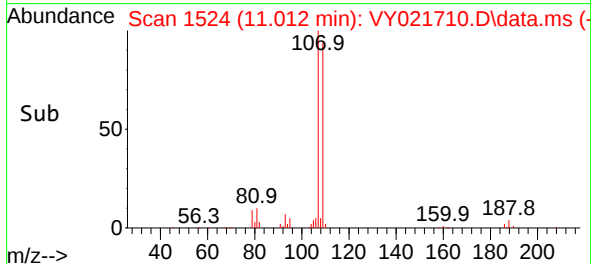
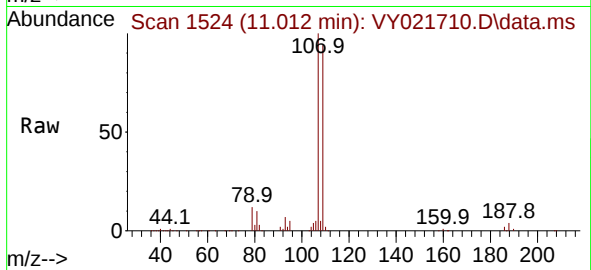




#61
1,2-Dibromoethane
Concen: 54.315 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

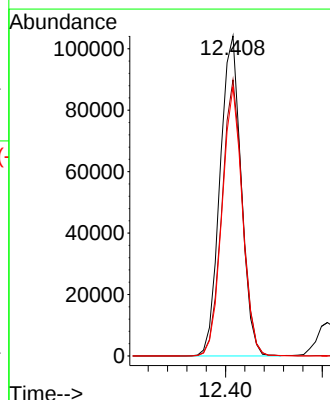
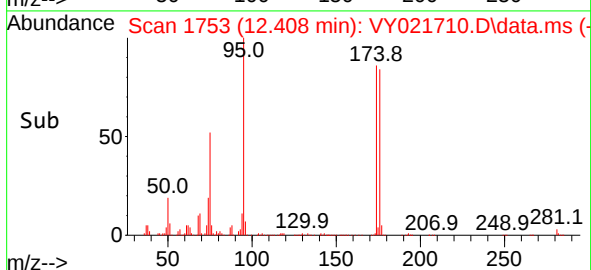
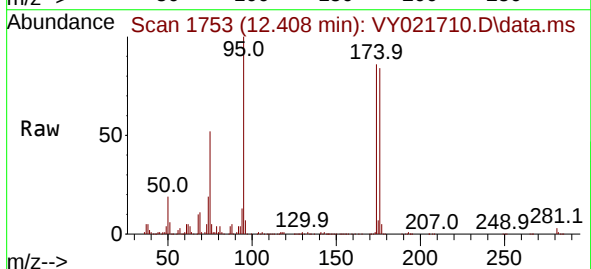
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

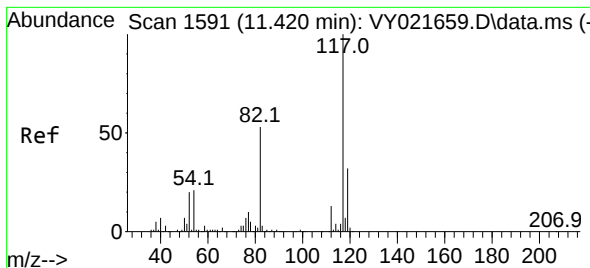
Tgt Ion:107 Resp: 87468
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 57.178 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 95 Resp: 157726
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.8
176 81.0 0.0 162.0

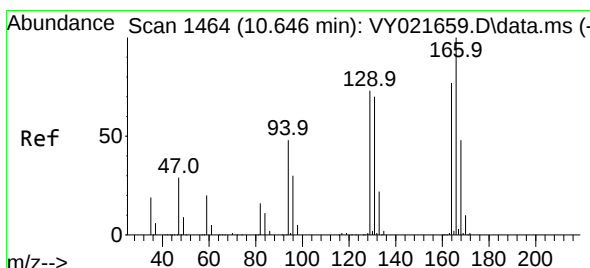
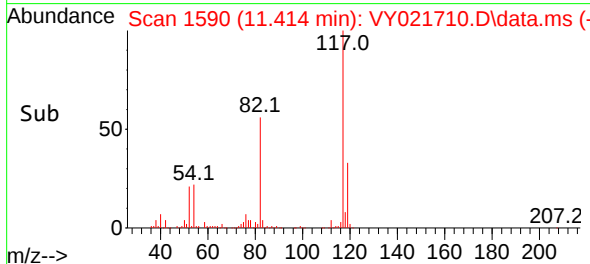
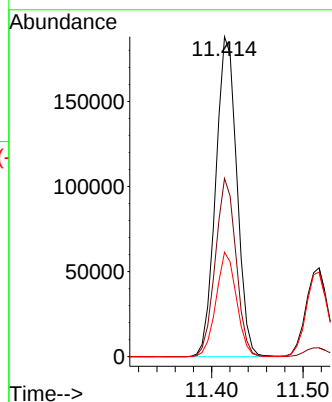
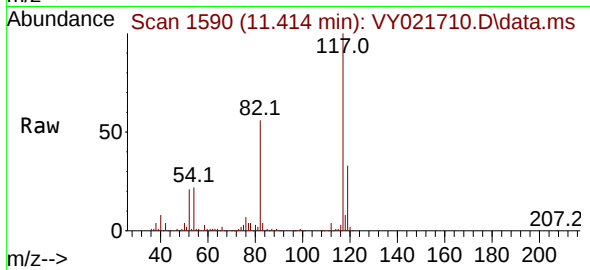




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

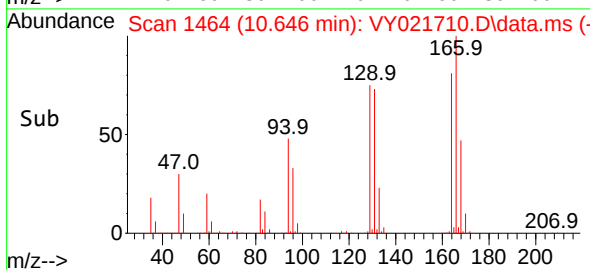
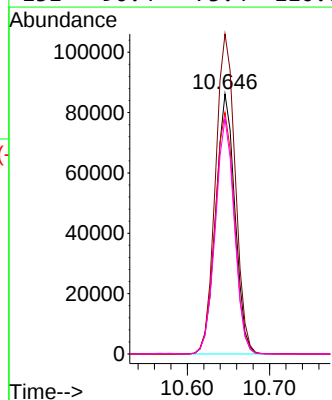
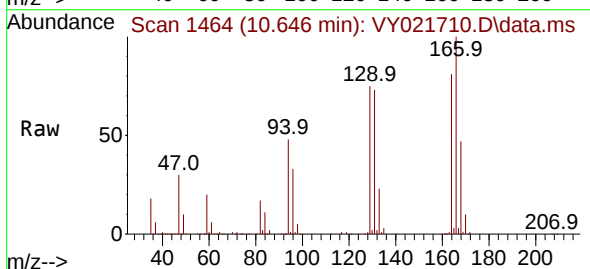
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

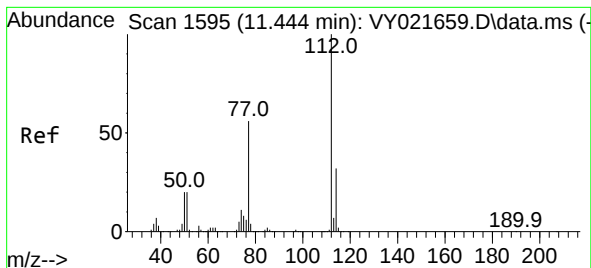
Tgt Ion:117 Resp: 302464
Ion Ratio Lower Upper
117 100
82 55.7 42.8 64.2
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 50.794 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:164 Resp: 139924
Ion Ratio Lower Upper
164 100
166 123.1 104.6 156.8
129 92.9 76.6 114.8
131 90.4 73.4 110.0





#65

Chlorobenzene

Concen: 50.739 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

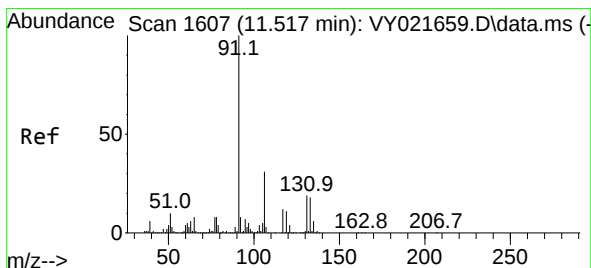
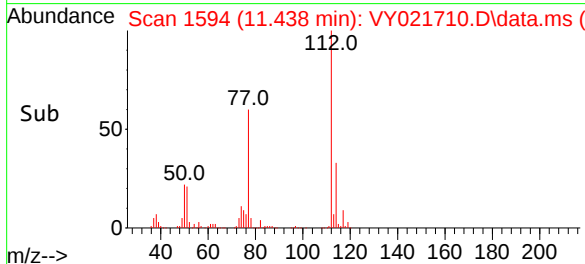
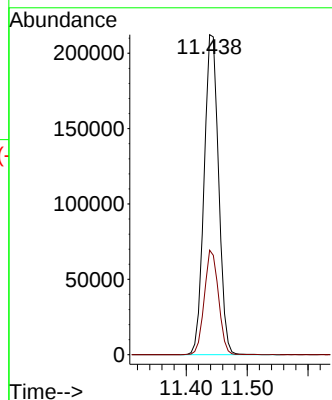
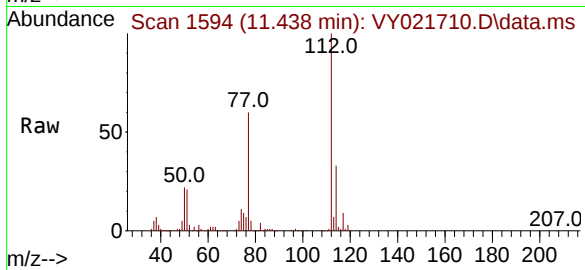
VSTDCCC050

Tgt Ion:112 Resp: 351796

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.170 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

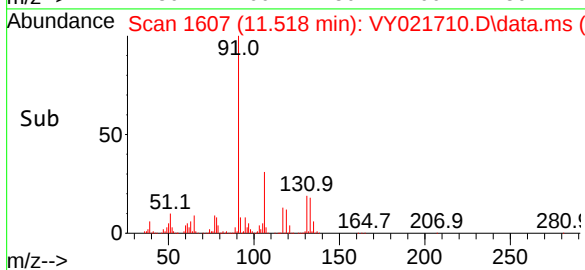
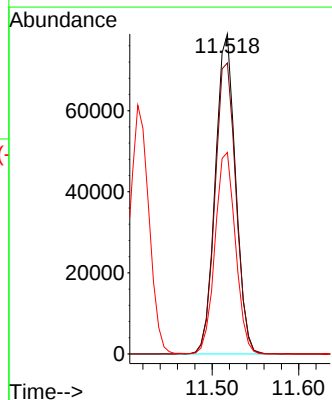
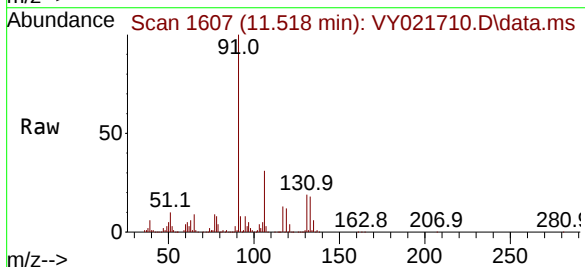
Tgt Ion:131 Resp: 128337

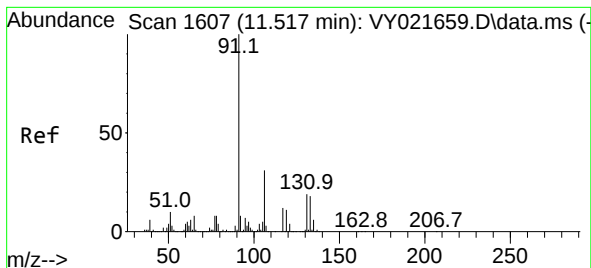
Ion Ratio Lower Upper

131 100

133 94.2 47.3 141.8

119 63.6 31.6 95.0

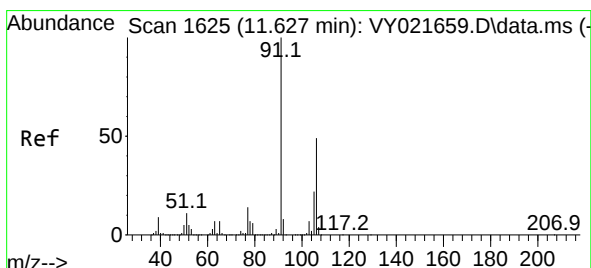
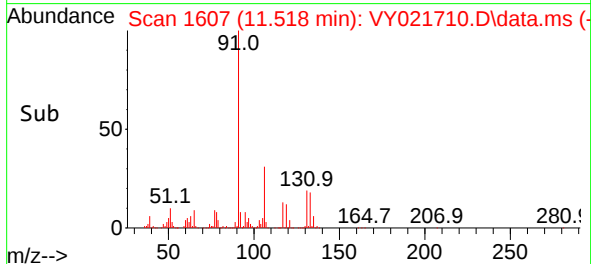
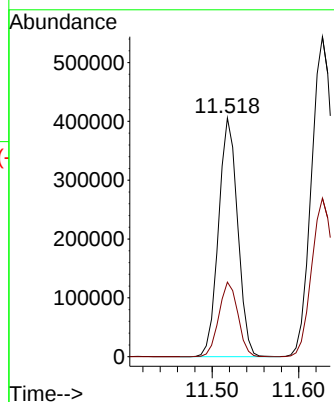
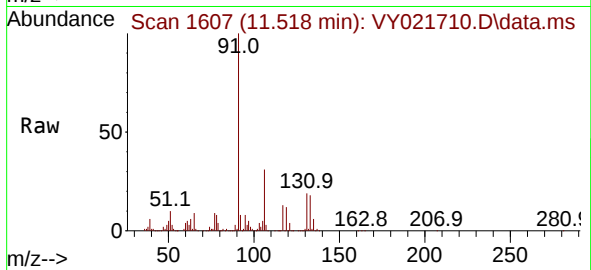




#67
Ethyl Benzene
Concen: 52.327 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

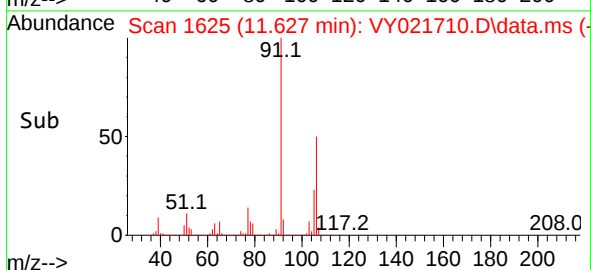
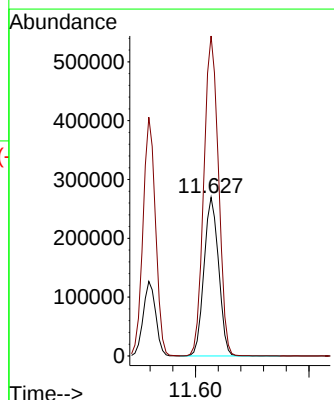
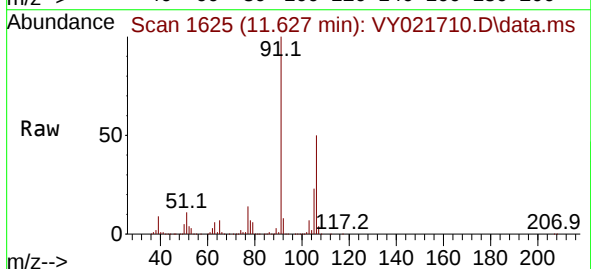
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

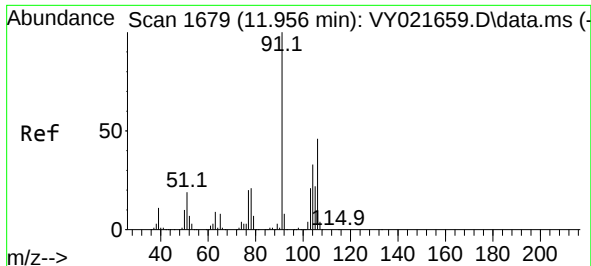
Tgt Ion: 91 Resp: 622139
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 105.817 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:106 Resp: 481760
Ion Ratio Lower Upper
106 100
91 202.8 162.4 243.6

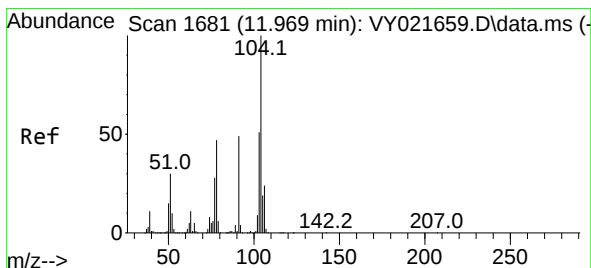
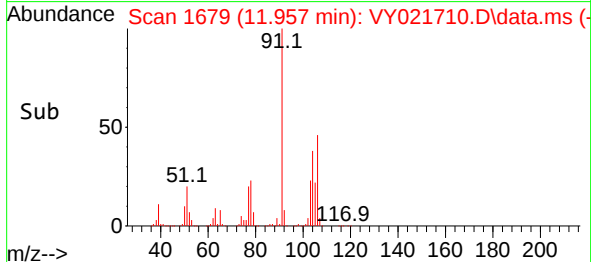
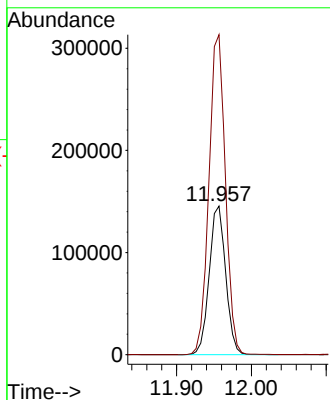
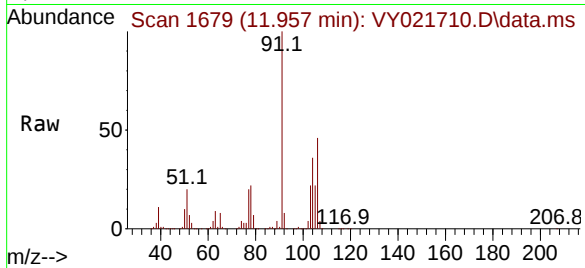




#69
o-Xylene
Concen: 53.076 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

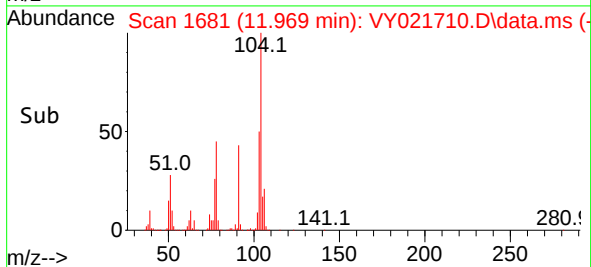
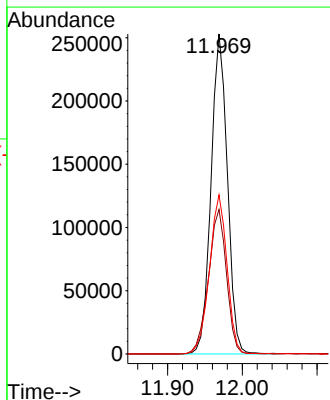
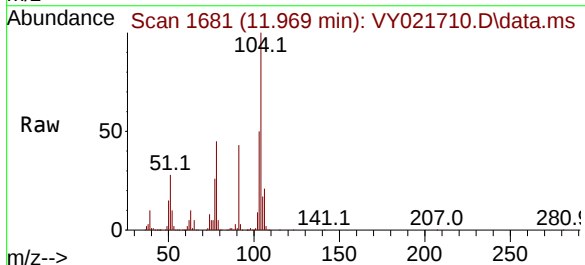
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

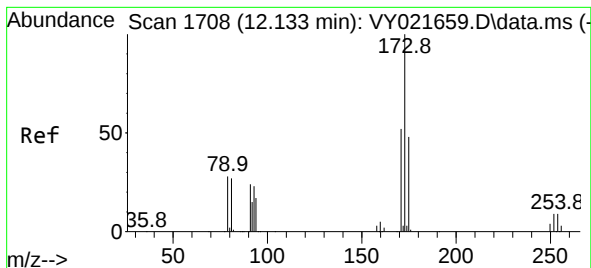
Tgt Ion:106 Resp: 223057
Ion Ratio Lower Upper
106 100
91 215.6 106.7 319.9



#70
Styrene
Concen: 54.868 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion:104 Resp: 384466
Ion Ratio Lower Upper
104 100
78 49.8 40.8 61.2
103 53.5 44.2 66.2





#71

Bromoform

Concen: 53.316 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

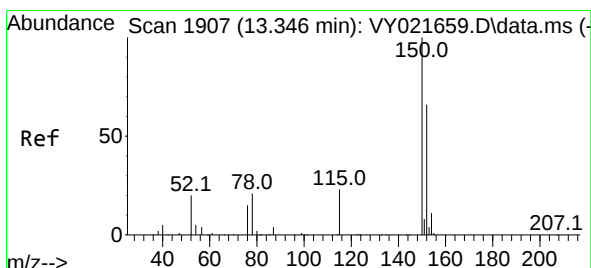
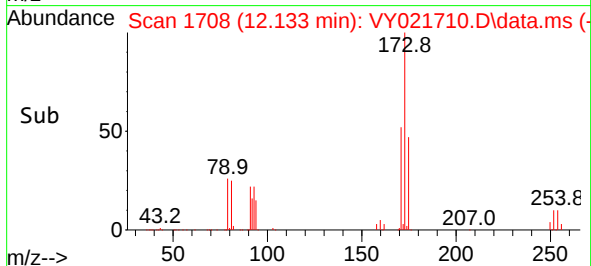
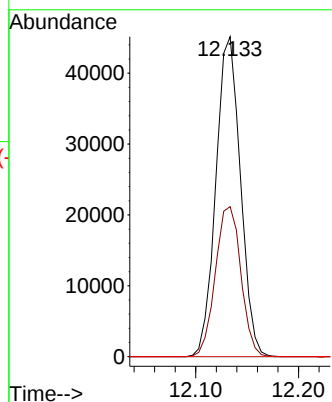
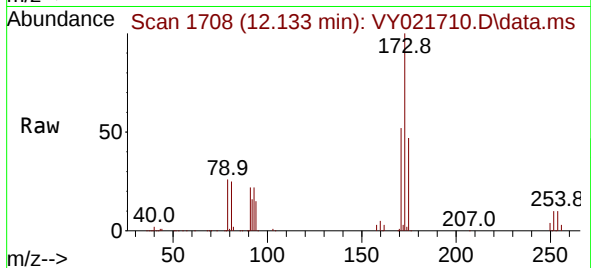
Tgt Ion:173 Resp: 74815

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

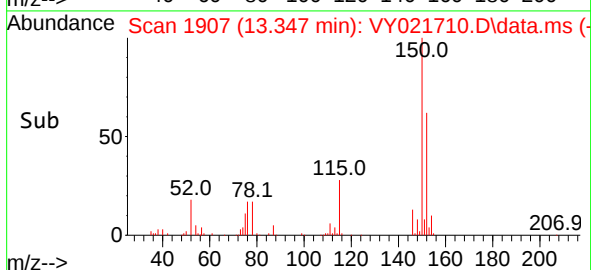
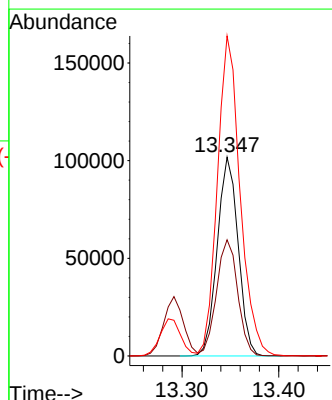
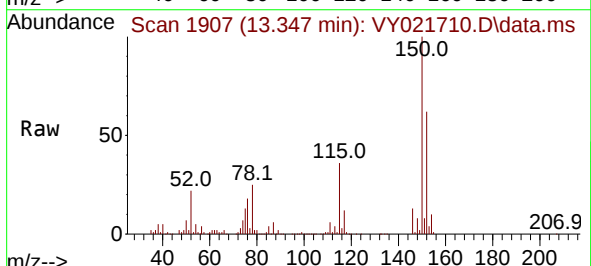
Tgt Ion:152 Resp: 152394

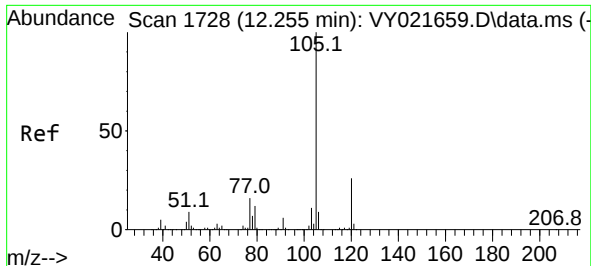
Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 175.1 0.0 348.4

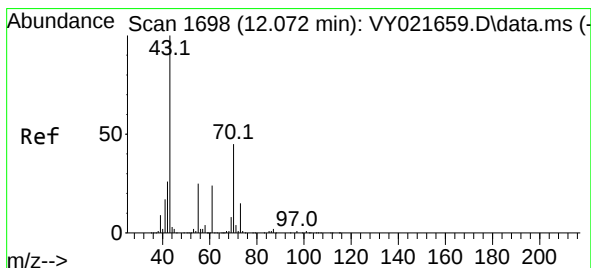
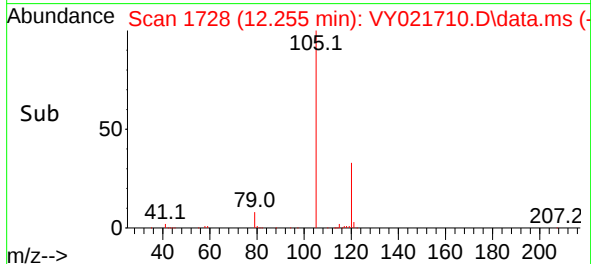
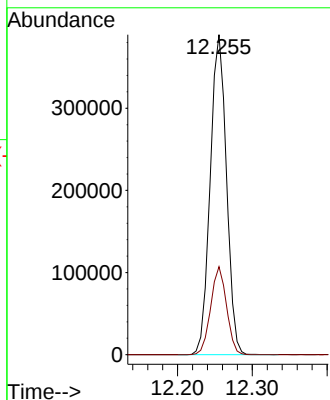
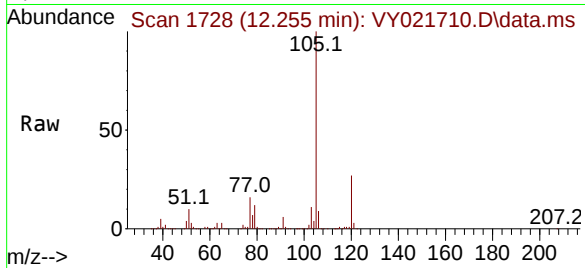




#73
Isopropylbenzene
Concen: 51.977 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

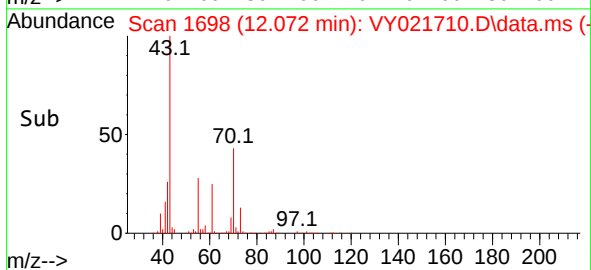
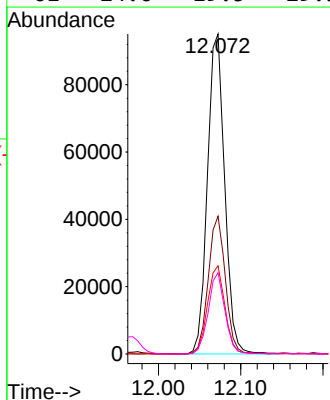
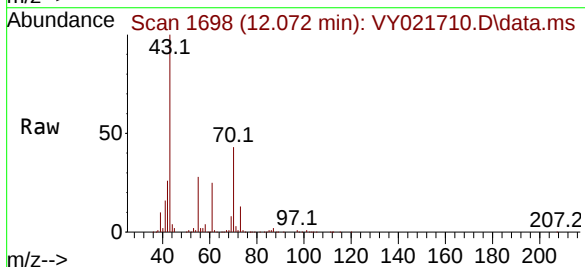
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

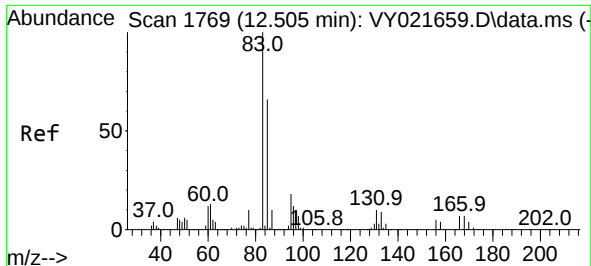
Tgt Ion:105 Resp: 588325
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 52.148 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 43 Resp: 138528
Ion Ratio Lower Upper
43 100
70 42.8 34.7 52.1
55 28.0 21.2 31.8
61 24.6 19.5 29.3

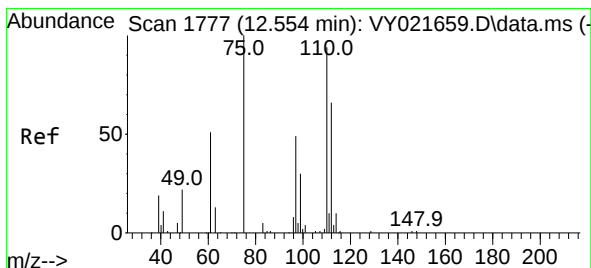
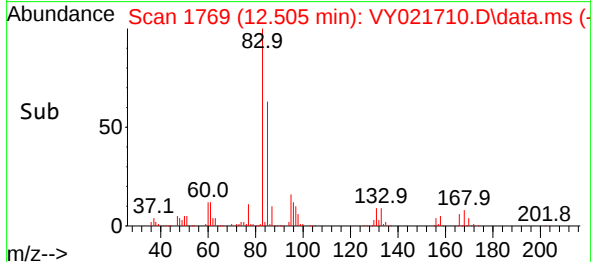
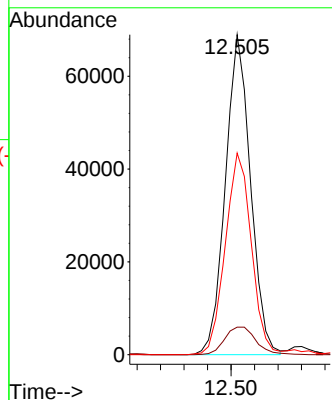
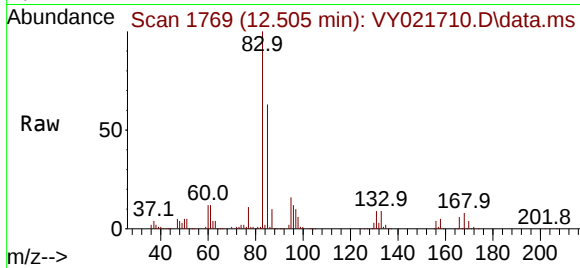




#75
1,1,2,2-Tetrachloroethane
Concen: 50.420 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

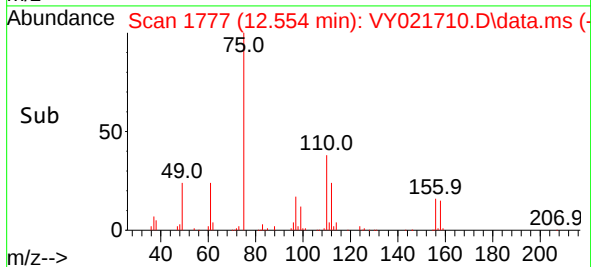
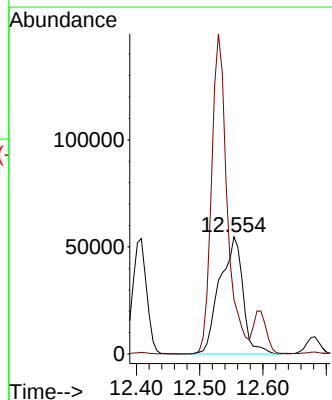
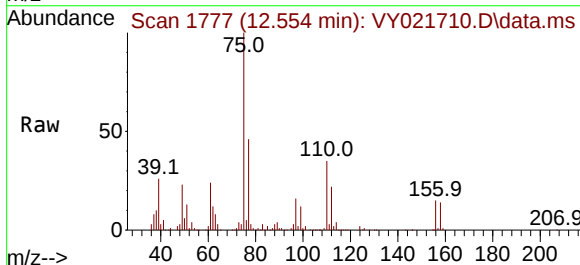
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

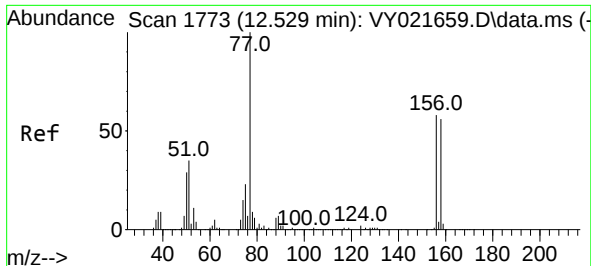
Tgt Ion: 83 Resp: 102605
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 92.285 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 75 Resp: 139407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

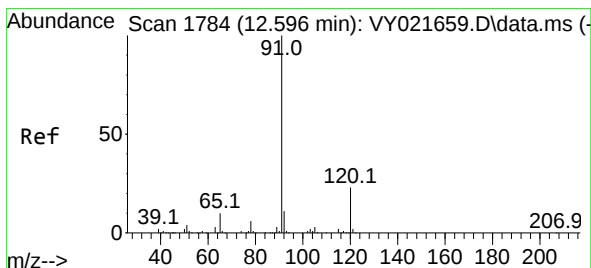
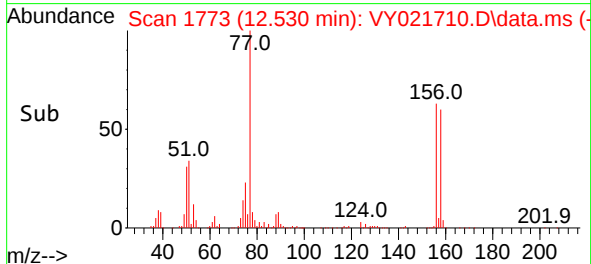
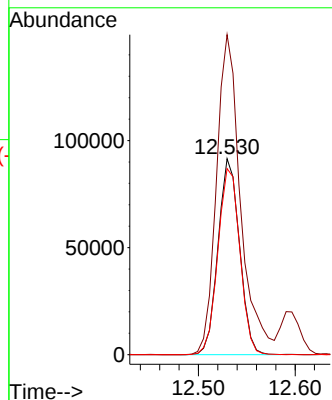
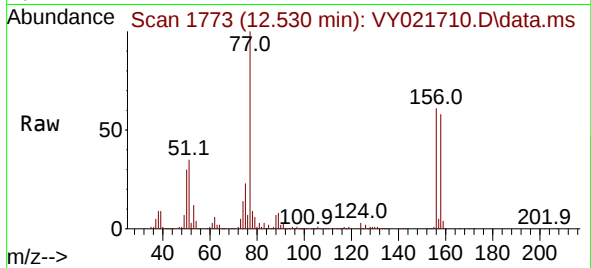




#77
Bromobenzene
Concen: 51.852 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

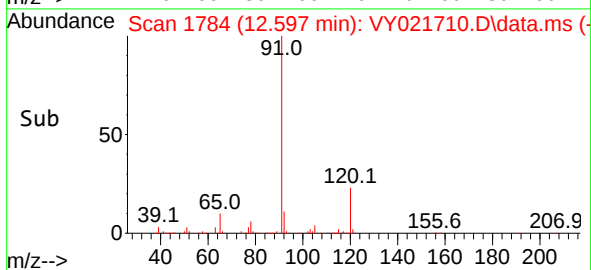
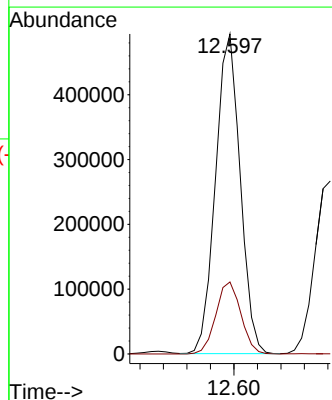
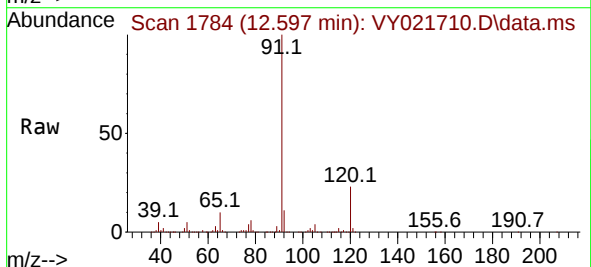
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

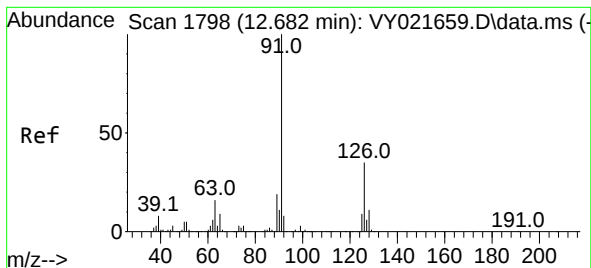
Tgt Ion:156 Resp: 140917
Ion Ratio Lower Upper
156 100
77 183.6 92.8 278.3
158 97.2 48.5 145.6



#78
n-propylbenzene
Concen: 52.754 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 91 Resp: 717878
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.587 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

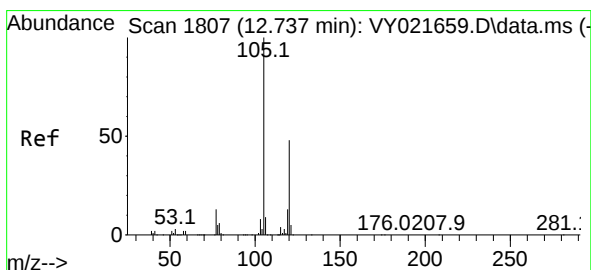
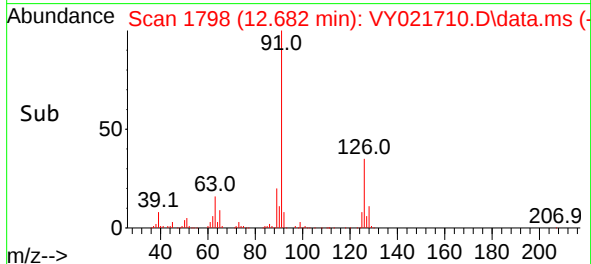
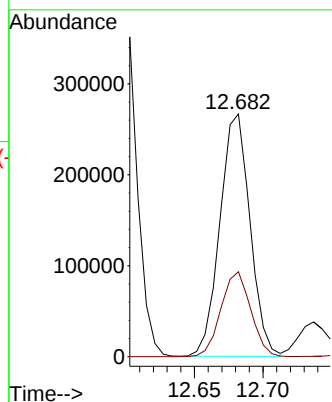
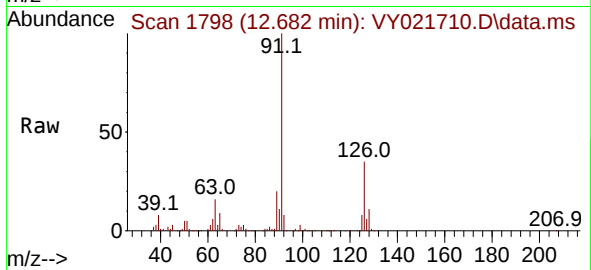
VSTDCCC050

Tgt Ion: 91 Resp: 407733

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 53.059 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021710.D

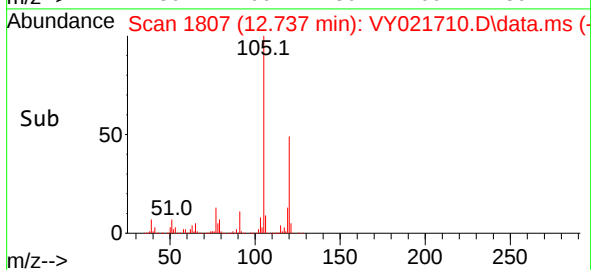
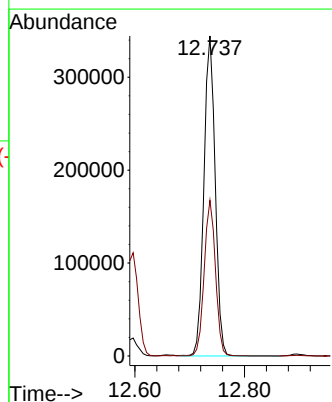
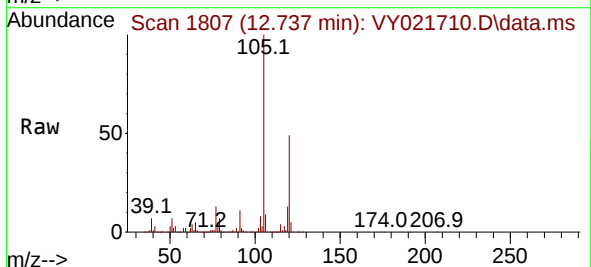
Acq: 31 Mar 2025 10:08

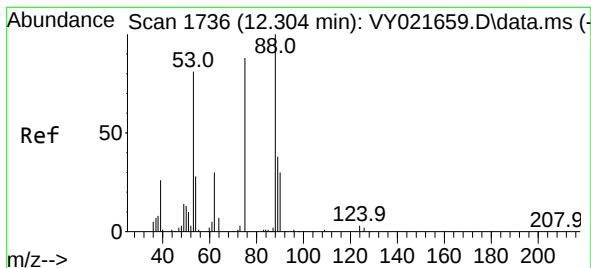
Tgt Ion:105 Resp: 490840

Ion Ratio Lower Upper

105 100

120 48.7 24.5 73.5

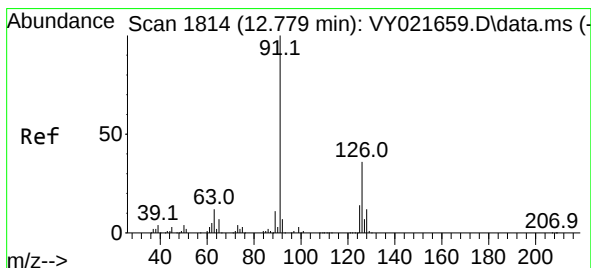
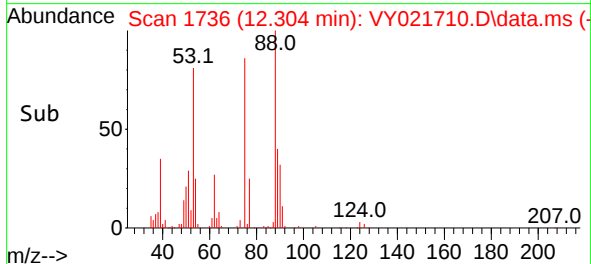
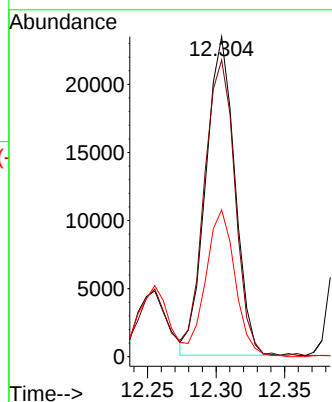
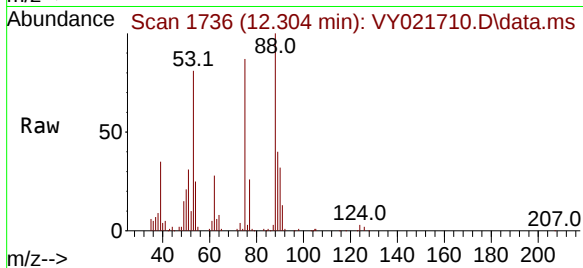




#81
trans-1,4-Dichloro-2-butene
Concen: 52.787 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

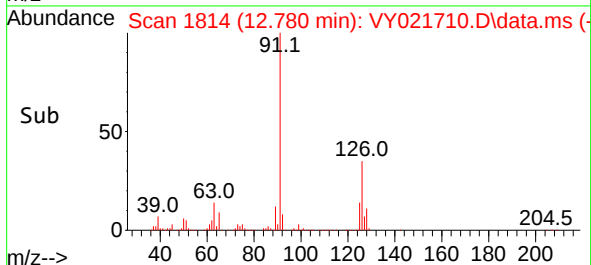
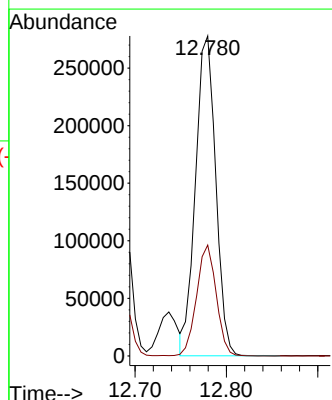
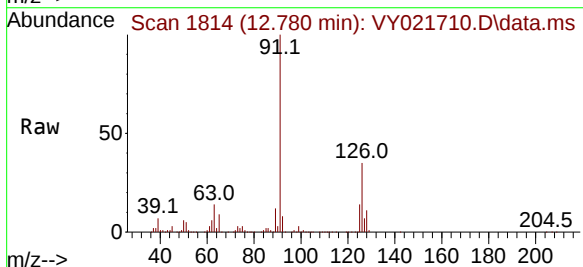
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

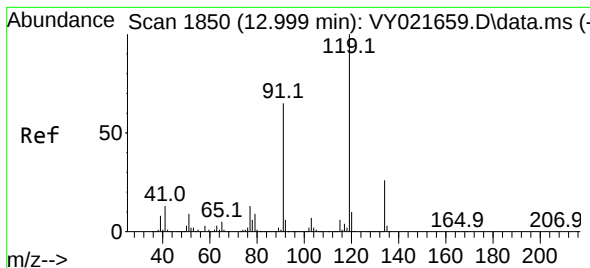
Tgt Ion: 75 Resp: 34607
Ion Ratio Lower Upper
75 100
53 97.7 76.1 114.1
89 45.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.727 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 91 Resp: 426228
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

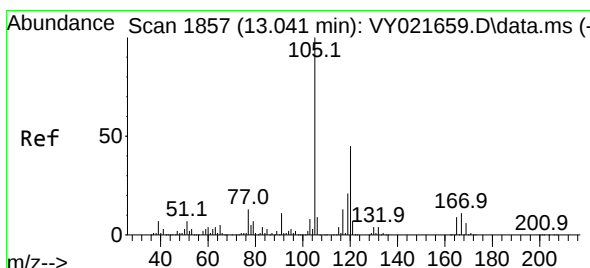
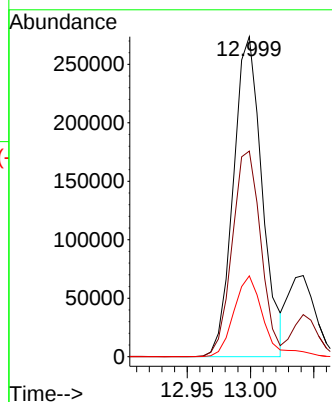
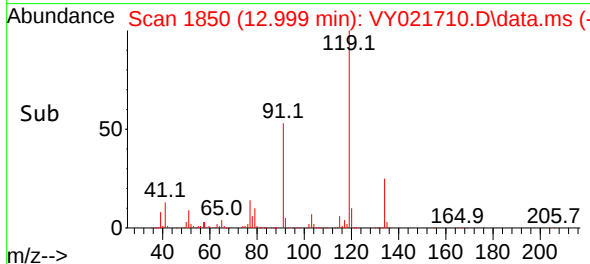
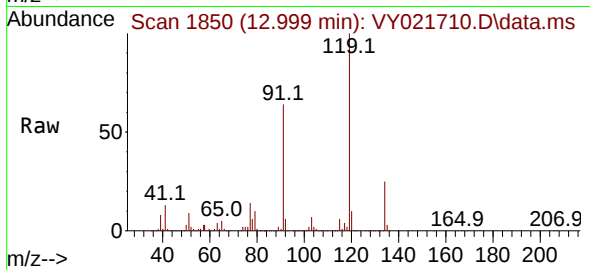




#83
 tert-Butylbenzene
 Concen: 52.594 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

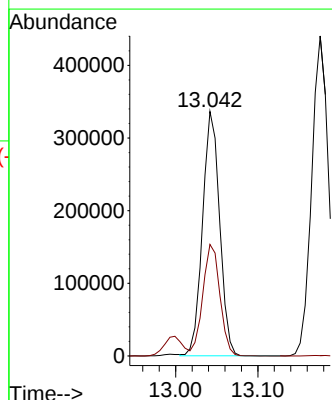
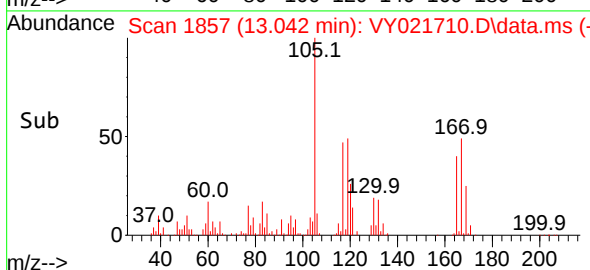
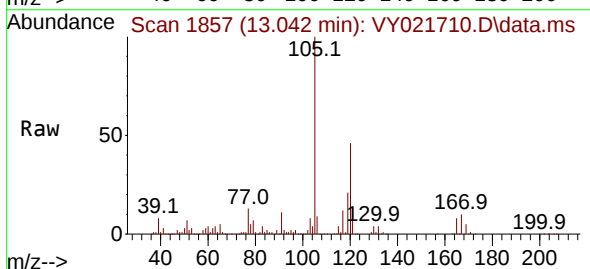
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

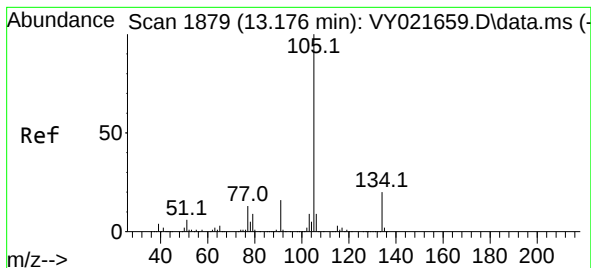
Tgt Ion:119 Resp: 433355
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.6 97.7
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.191 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021710.D
 Acq: 31 Mar 2025 10:08

Tgt Ion:105 Resp: 486329
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.444 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

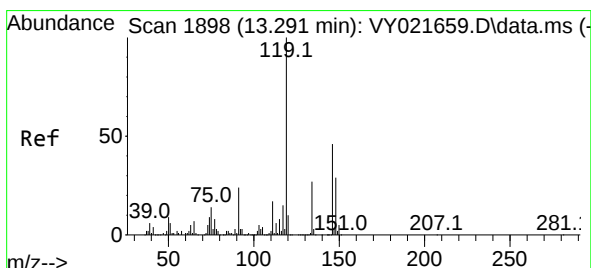
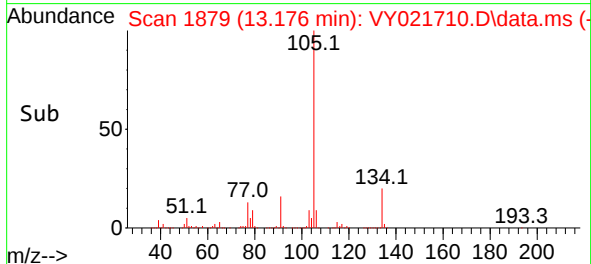
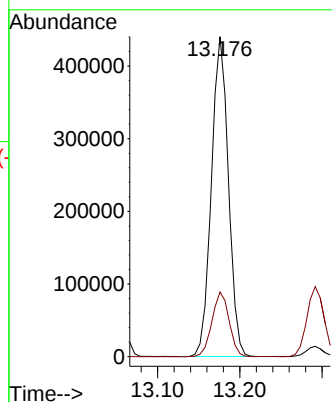
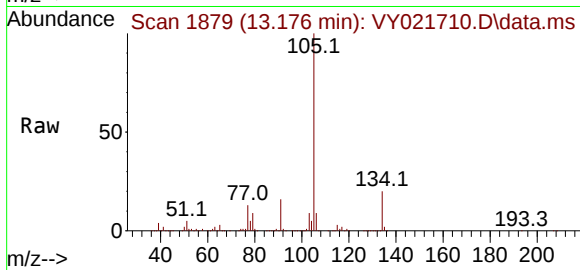
VSTDCCC050

Tgt Ion:105 Resp: 631509

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.269 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

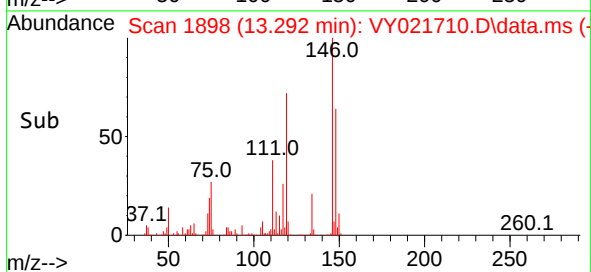
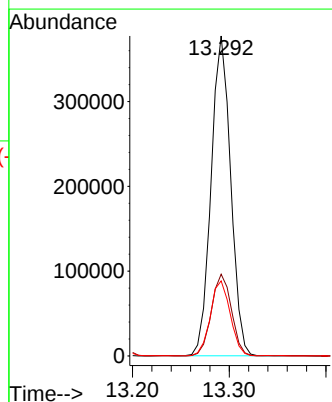
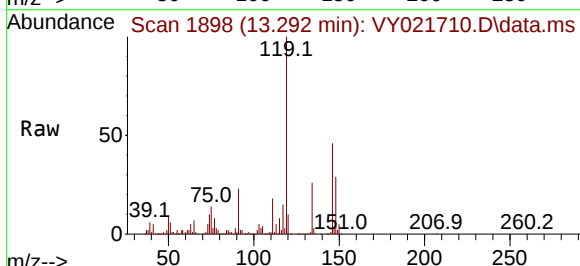
Tgt Ion:119 Resp: 530150

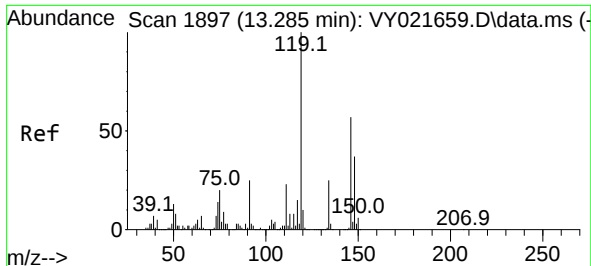
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 51.375 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

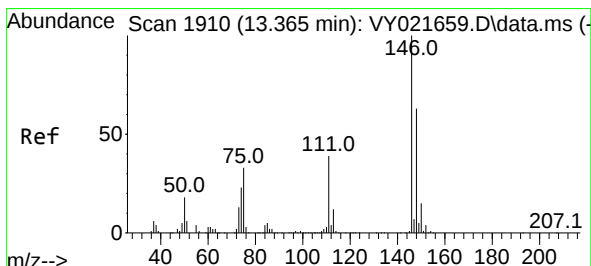
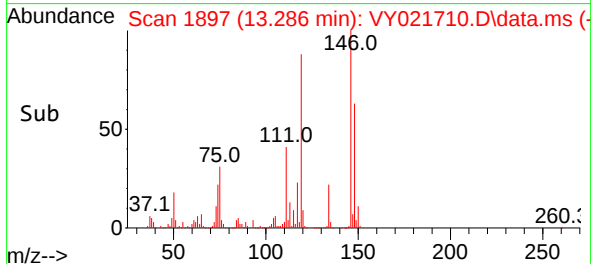
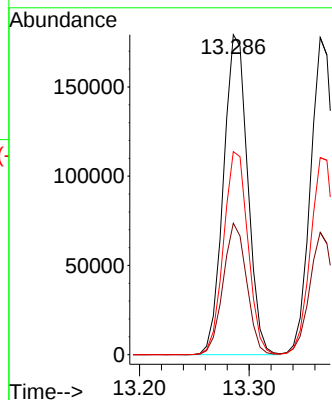
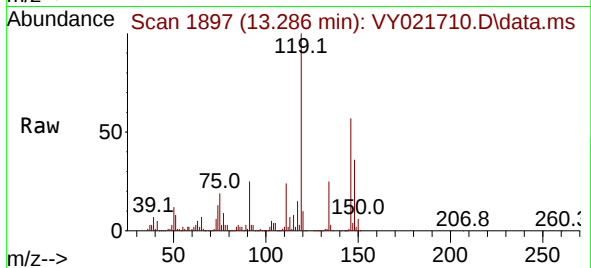
Tgt Ion:146 Resp: 275074

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.974 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

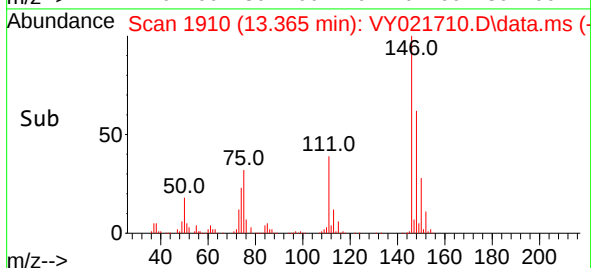
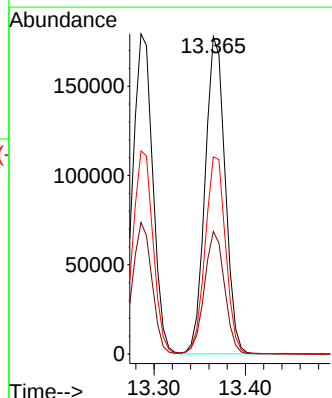
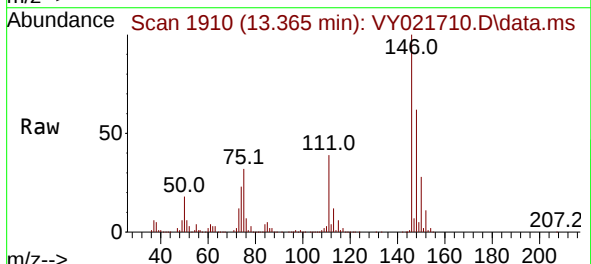
Tgt Ion:146 Resp: 269656

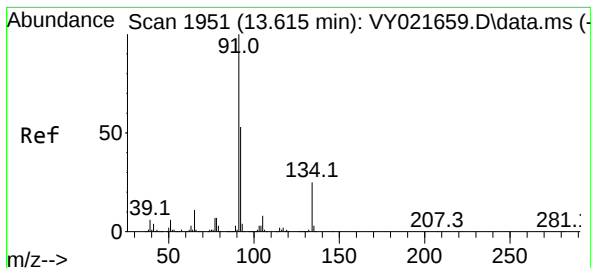
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.1

148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 52.961 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

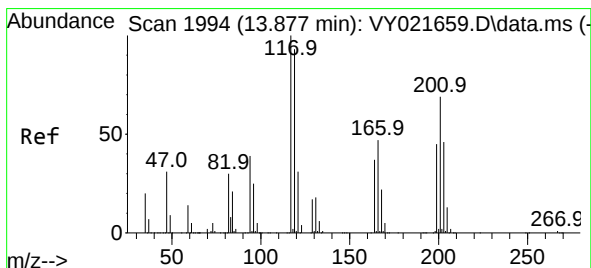
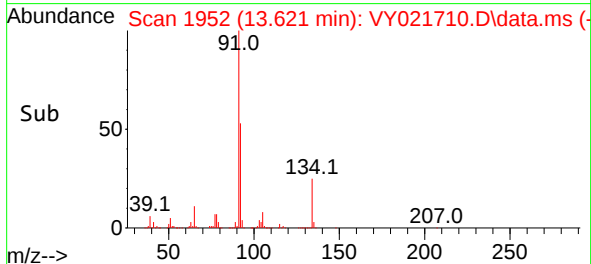
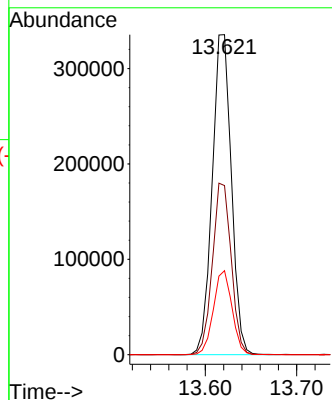
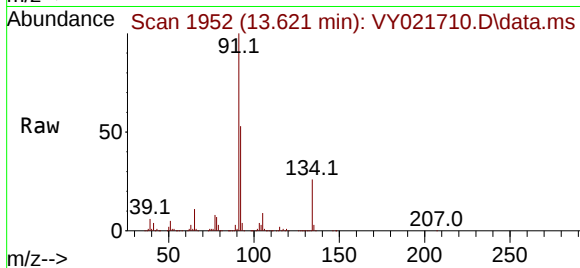
Tgt Ion: 91 Resp: 487459

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 50.091 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021710.D

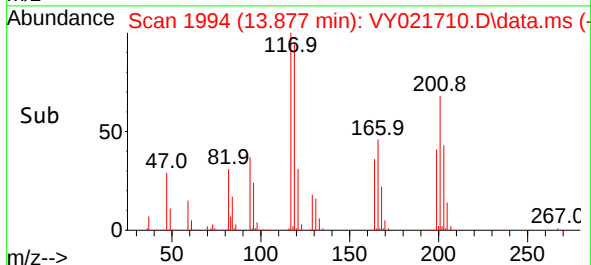
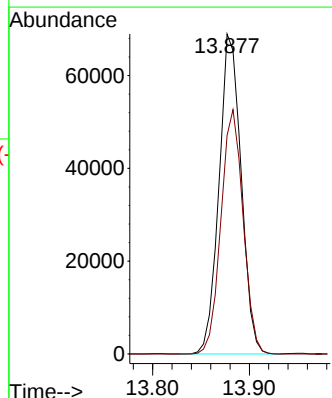
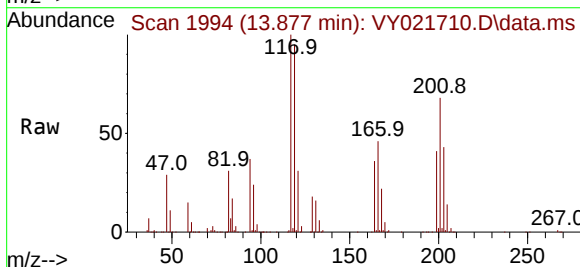
Acq: 31 Mar 2025 10:08

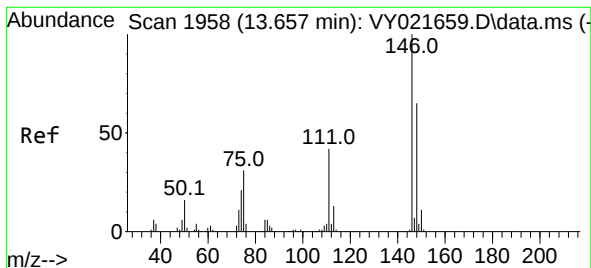
Tgt Ion: 117 Resp: 109245

Ion Ratio Lower Upper

117 100

201 76.5 37.4 112.1

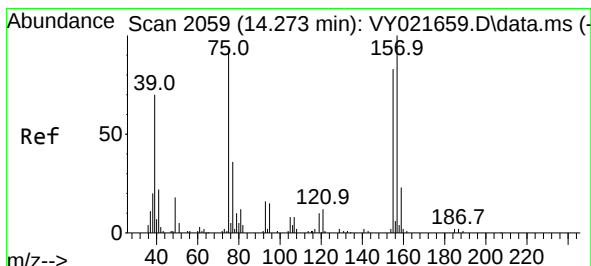
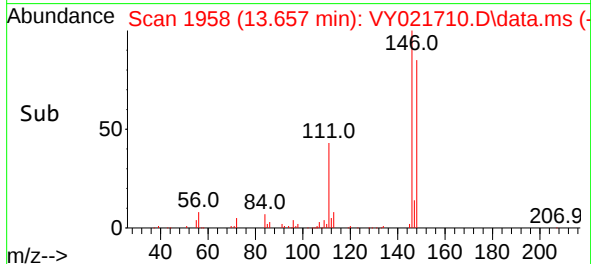
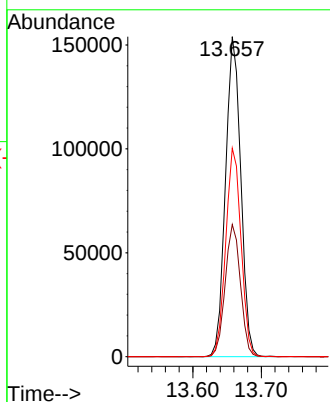
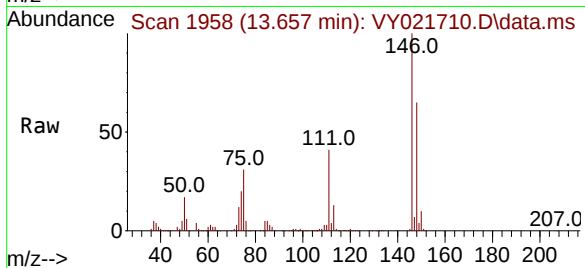




#91
1,2-Dichlorobenzene
Concen: 51.099 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

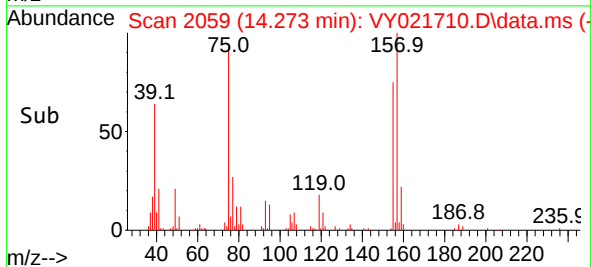
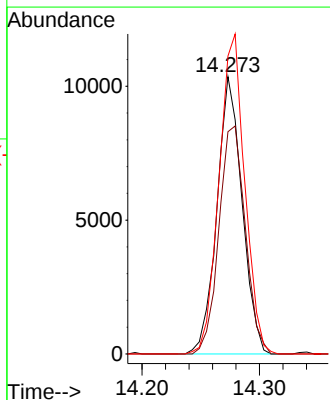
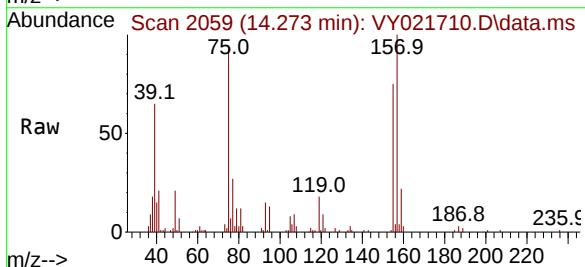
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

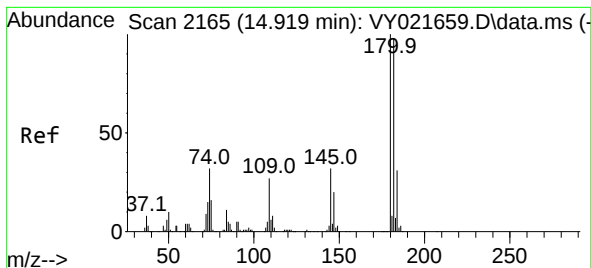
Tgt Ion:146 Resp: 238170
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 65.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.816 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021710.D
Acq: 31 Mar 2025 10:08

Tgt Ion: 75 Resp: 15397
Ion Ratio Lower Upper
75 100
155 86.2 43.0 128.8
157 118.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 51.422 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

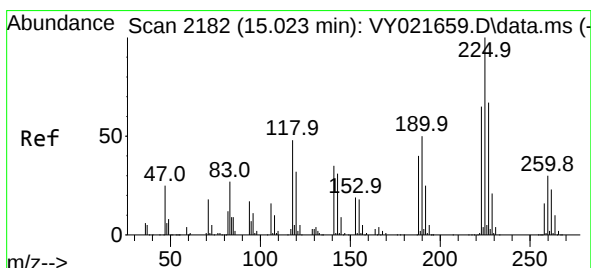
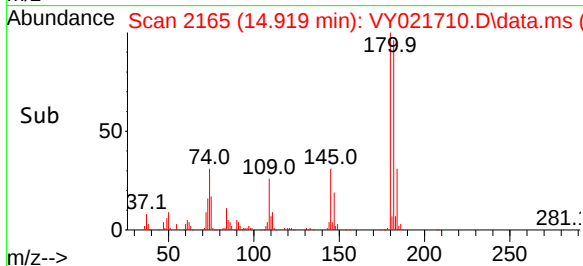
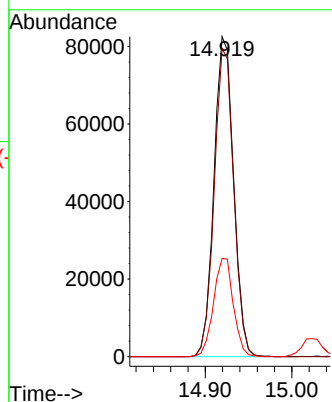
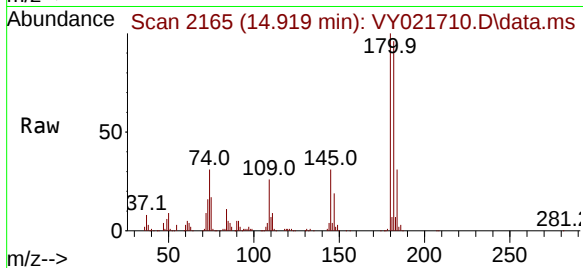
Tgt Ion:180 Resp: 129975

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 31.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 51.027 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

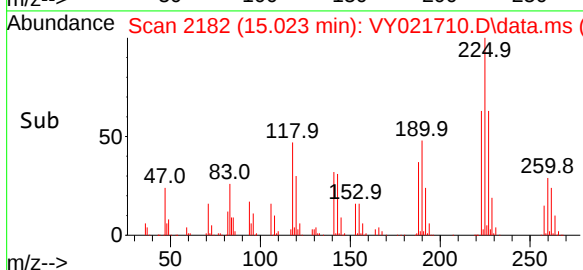
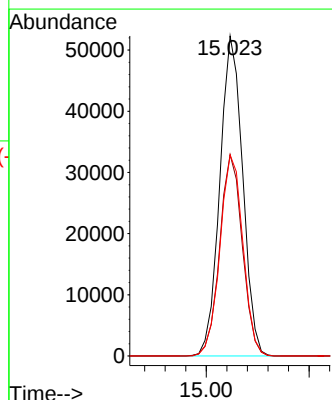
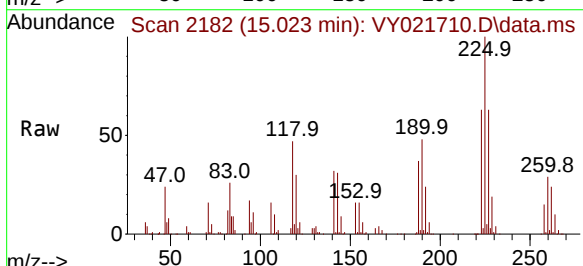
Tgt Ion:225 Resp: 80551

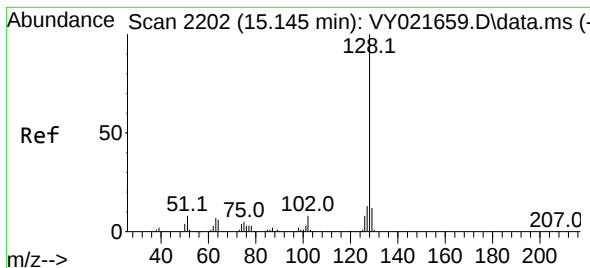
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 53.236 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021710.D

Acq: 31 Mar 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

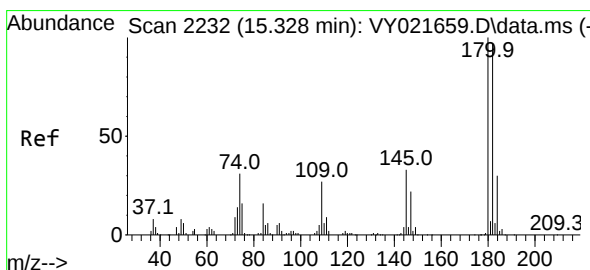
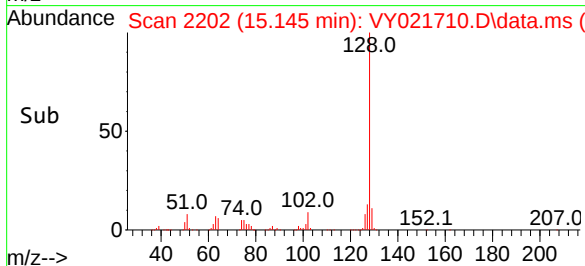
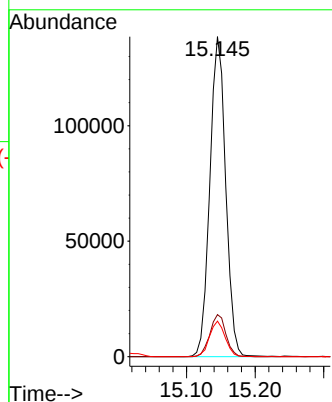
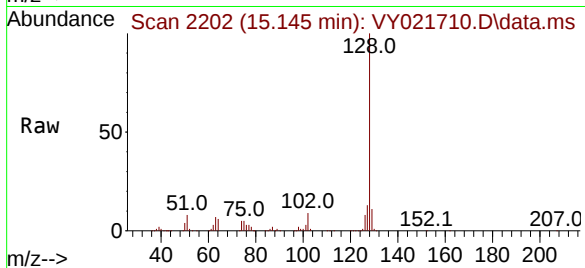
Tgt Ion:128 Resp: 223037

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.610 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

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Tgt Ion:180 Resp: 113397

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 31.2 15.9 47.7

