

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021659.D
 Acq On : 27 Mar 2025 11:16
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 28 02:16:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	238234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	369963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	329626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130485	50.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.100%	
35) Dibromofluoromethane	7.634	113	125415	52.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.109	98	483058	52.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.407	95	162384	52.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	120589	48.836	ug/l	100
3) Chloromethane	2.068	50	164961	47.510	ug/l	100
4) Vinyl Chloride	2.202	62	190491	48.513	ug/l	100
5) Bromomethane	2.592	94	122288	45.662	ug/l	100
6) Chloroethane	2.732	64	122027	47.492	ug/l	100
7) Trichlorofluoromethane	3.055	101	241339	47.980	ug/l	100
8) Diethyl Ether	3.452	74	65605	47.960	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	127763	48.159	ug/l	100
10) Methyl Iodide	4.007	142	156113	53.639	ug/l	100
11) Tert butyl alcohol	4.860	59	40298	240.362	ug/l	100
12) 1,1-Dichloroethene	3.787	96	122422	48.991	ug/l	100
13) Acrolein	3.647	56	75366	246.189	ug/l	100
14) Allyl chloride	4.385	41	199515	50.077	ug/l	100
15) Acrylonitrile	5.061	53	144175	252.430	ug/l	100
16) Acetone	3.872	43	127702	241.737	ug/l	100
17) Carbon Disulfide	4.104	76	404128	49.101	ug/l	100
18) Methyl Acetate	4.385	43	63249	48.309	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	315679	50.742	ug/l	100
20) Methylene Chloride	4.616	84	134344	52.136	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	135112	49.108	ug/l	100
22) Diisopropyl ether	6.018	45	428881	51.315	ug/l	100
23) Vinyl Acetate	5.957	43	1269853	259.718	ug/l	100
24) 1,1-Dichloroethane	5.915	63	247826	49.589	ug/l	100
25) 2-Butanone	6.896	43	189416	251.037	ug/l	100
26) 2,2-Dichloropropane	6.884	77	219131	49.293	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	155365	50.214	ug/l	100
28) Bromochloromethane	7.244	49	101413	48.116	ug/l	100
29) Tetrahydrofuran	7.262	42	125387	258.206	ug/l	100
30) Chloroform	7.421	83	257511	49.541	ug/l	100
31) Cyclohexane	7.701	56	218689	48.004	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	230441	49.051	ug/l	100
36) 1,1-Dichloropropene	7.835	75	185559	50.763	ug/l	100
37) Ethyl Acetate	6.988	43	87321	50.617	ug/l	100
38) Carbon Tetrachloride	7.823	117	208537	49.810	ug/l	100
39) Methylcyclohexane	9.109	83	229134	52.472	ug/l	100
40) Benzene	8.079	78	554462	50.649	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	119440	130.380	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	155365	50.343	ug/l	100
43) Isopropyl Acetate	8.195	43	166982	51.076	ug/l	100
44) Trichloroethene	8.865	130	138449	49.637	ug/l	100
45) 1,2-Dichloropropane	9.140	63	130586	50.395	ug/l	100
46) Dibromomethane	9.231	93	73435	49.174	ug/l	100
47) Bromodichloromethane	9.420	83	194399	50.237	ug/l	100
48) Methyl methacrylate	9.219	41	77877	51.902	ug/l	100
49) 1,4-Dioxane	9.225	88	16481	1030.192	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	445564	261.893	ug/l	100
52) Toluene	10.170	92	351715	51.496	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	179747	52.296	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	209143	51.579	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	96578	50.254	ug/l	100
56) Ethyl methacrylate	10.438	69	135272	55.124	ug/l	100
57) 1,3-Dichloropropane	10.719	76	170109	51.252	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	332369	277.643	ug/l	100
59) 2-Hexanone	10.761	43	302538	267.012	ug/l	100
60) Dibromochloromethane	10.908	129	134696	51.334	ug/l	100
61) 1,2-Dibromoethane	11.017	107	93866	52.067	ug/l	100
64) Tetrachloroethene	10.646	164	147971	49.288	ug/l	100
65) Chlorobenzene	11.444	112	380661	50.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	135660	50.602	ug/l	100
67) Ethyl Benzene	11.517	91	676205	52.188	ug/l	100
68) m/p-Xylenes	11.627	106	519154	104.634	ug/l	100
69) o-Xylene	11.956	106	243359	53.135	ug/l	100
70) Styrene	11.969	104	406215	53.195	ug/l	100
71) Bromoform	12.133	173	78206	51.140	ug/l	100
73) Isopropylbenzene	12.255	105	642393	51.505	ug/l	100
74) N-amyl acetate	12.072	43	154054	52.630	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	110292	49.185	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	147626	88.688	ug/l #	100
77) Bromobenzene	12.529	156	149323	49.864	ug/l	100
78) n-propylbenzene	12.596	91	775252	51.702	ug/l	100
79) 2-Chlorotoluene	12.682	91	444178	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	528425	51.839	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	37240	51.550	ug/l	100
82) 4-Chlorotoluene	12.779	91	463024	50.995	ug/l	100
83) tert-Butylbenzene	12.999	119	467961	51.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	526387	52.248	ug/l	100
85) sec-Butylbenzene	13.176	105	687573	51.820	ug/l	100
86) p-Isopropyltoluene	13.291	119	576012	52.525	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	293534	49.752	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	292315	50.147	ug/l	100
89) n-Butylbenzene	13.615	91	532897	52.544	ug/l	100
90) Hexachloroethane	13.877	117	118708	49.396	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	255877	49.821	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17123	49.268	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	147434	52.935	ug/l	100
94) Hexachlorobutadiene	15.023	225	88090	50.642	ug/l	100
95) Naphthalene	15.145	128	253209	54.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	125294	52.754	ug/l	100

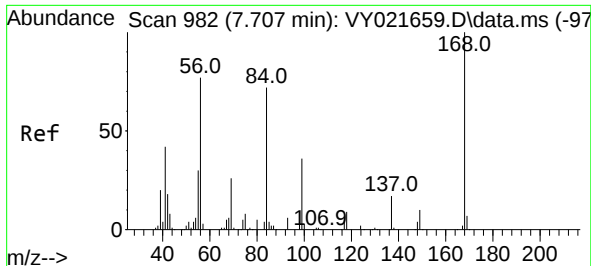
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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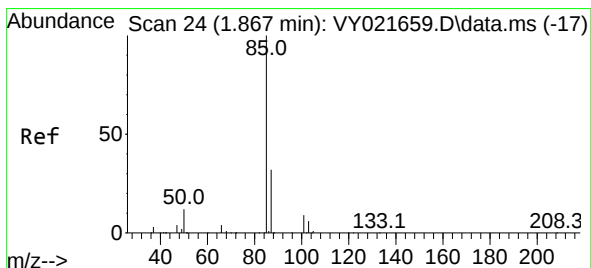
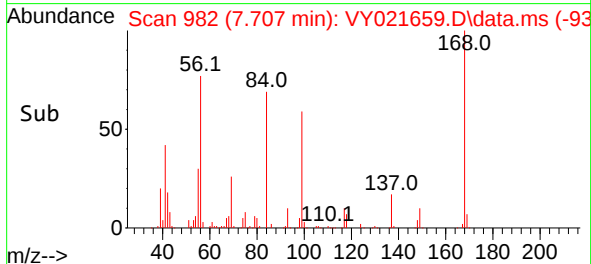
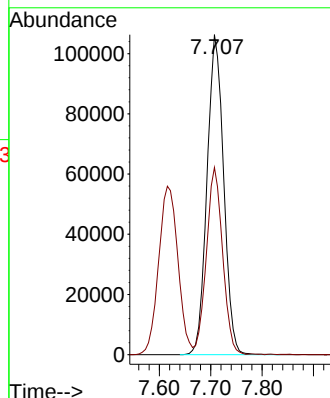
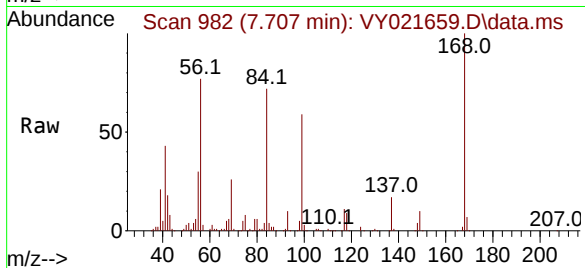
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

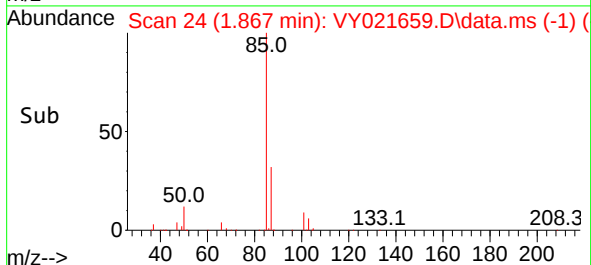
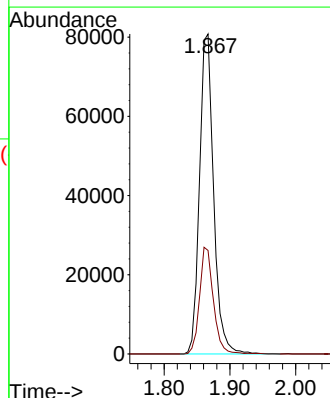
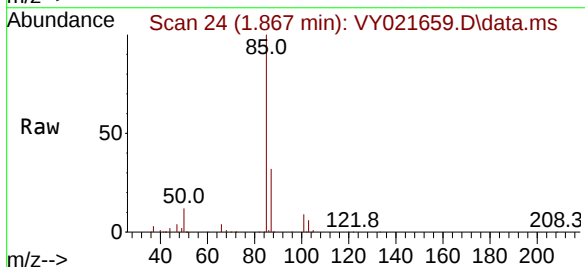
Instrument :
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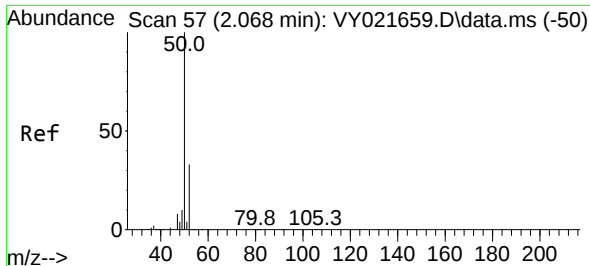
Tgt Ion:168 Resp: 238234
Ion Ratio Lower Upper
168 100
99 58.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 48.836 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 85 Resp: 120589
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

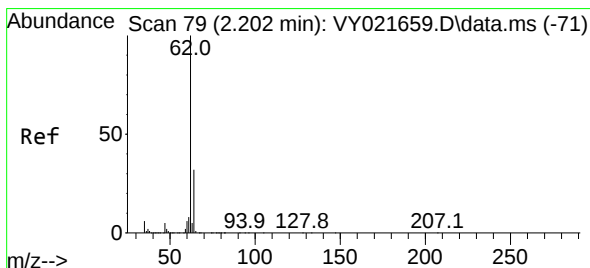
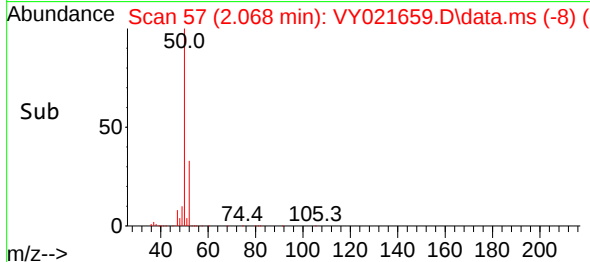
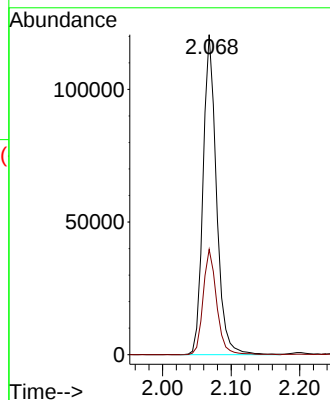
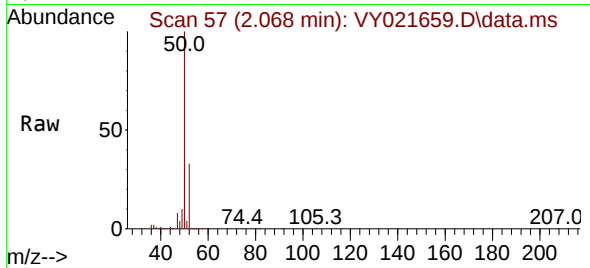




#3
Chloromethane
Concen: 47.510 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

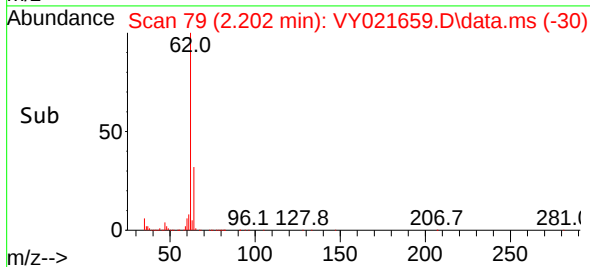
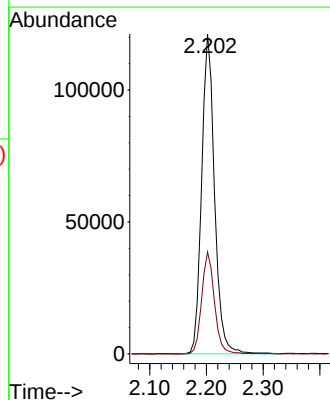
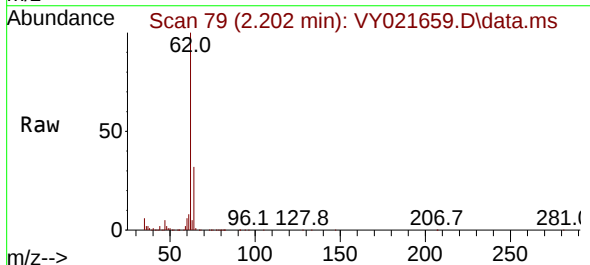
Instrument :
MSVOA_Y
ClientSampleId :
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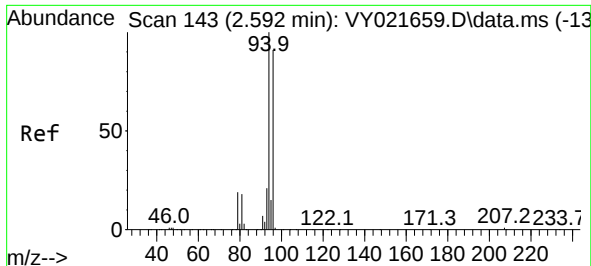
Tgt Ion: 50 Resp: 164961
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 48.513 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 62 Resp: 190491
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

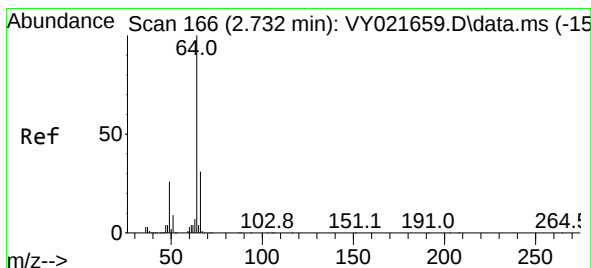
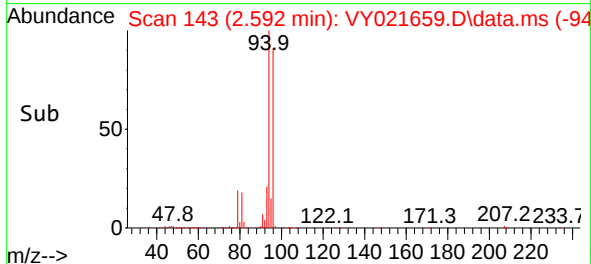
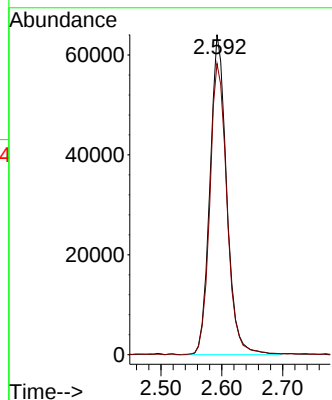
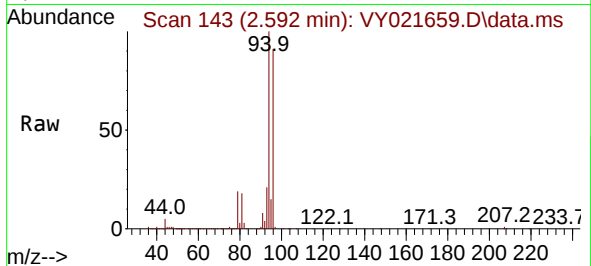




#5
Bromomethane
Concen: 45.662 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

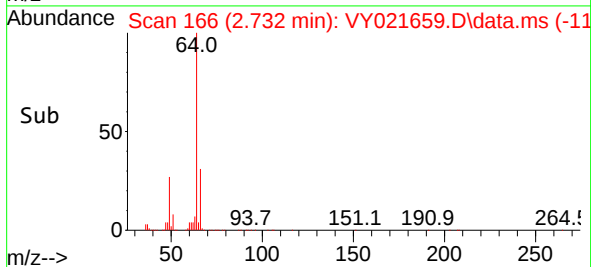
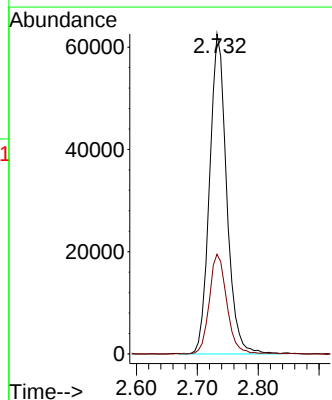
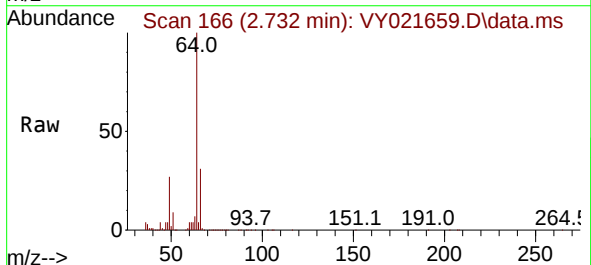
Instrument :
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Tgt Ion: 94 Resp: 122288
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2



#6
Chloroethane
Concen: 47.492 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 64 Resp: 122027
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

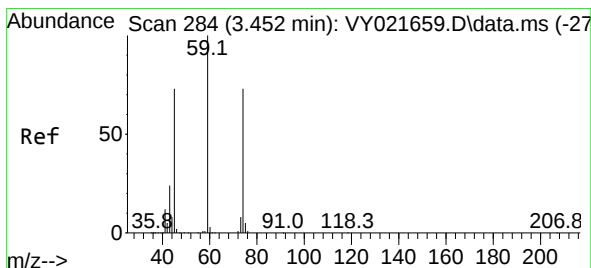
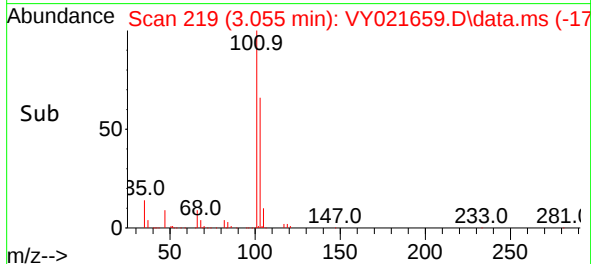
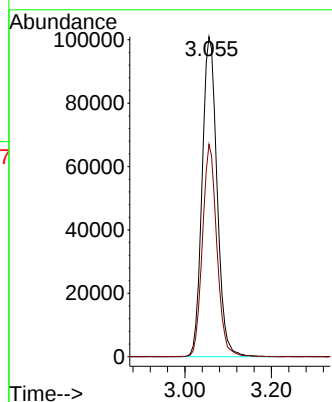
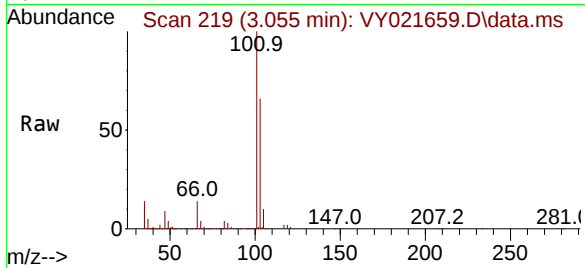




#7
 Trichlorofluoromethane
 Concen: 47.980 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

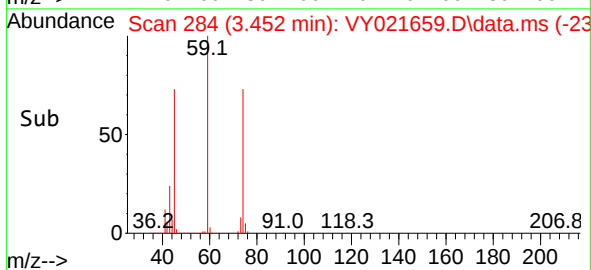
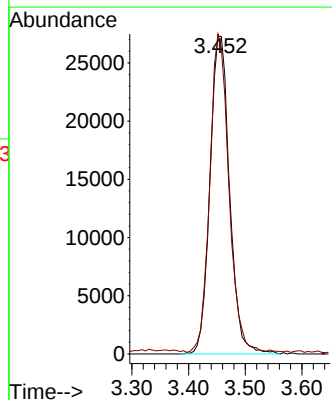
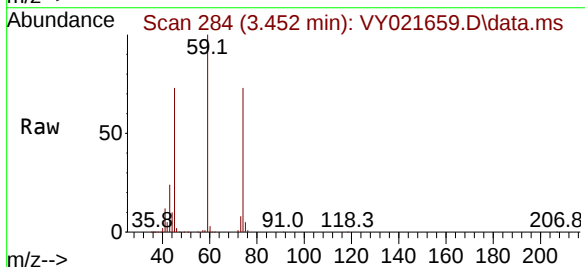
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 ClientSampleId :
 VSTDICCC050

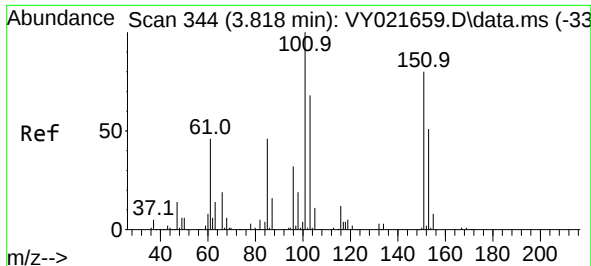
Tgt Ion:101 Resp: 241339
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 47.960 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Tgt Ion: 74 Resp: 65605
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.6 145.8

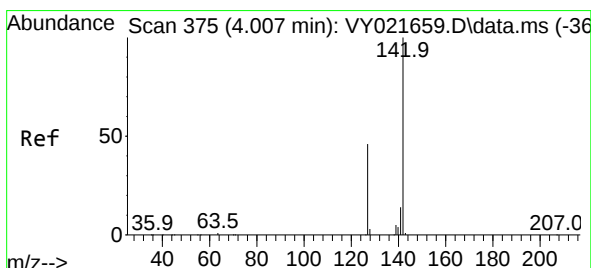
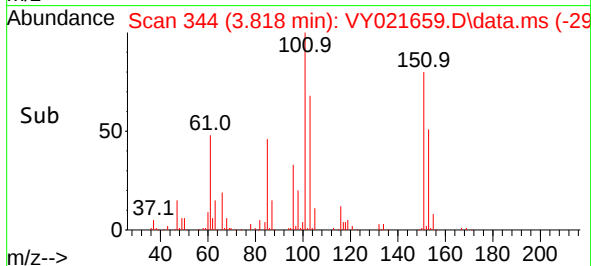
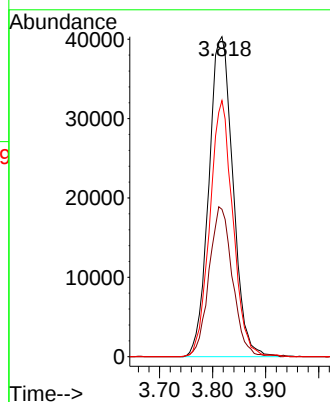
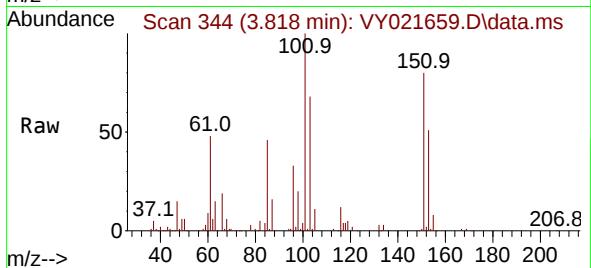




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.159 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021659.D
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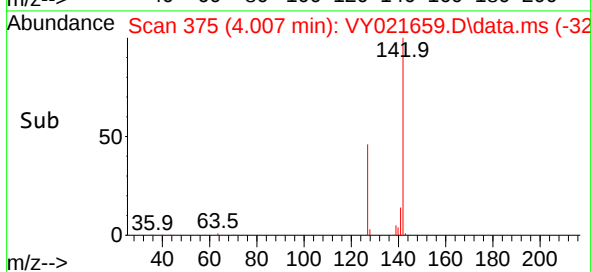
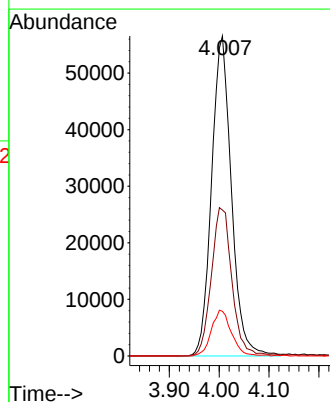
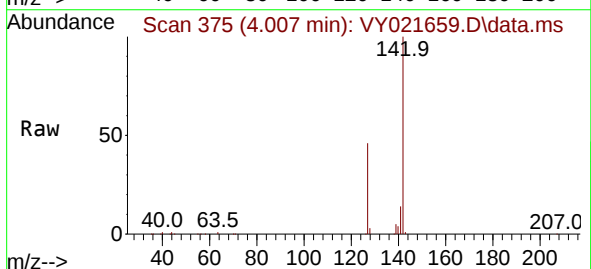
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 127763
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 76.6 61.3 91.9



#10
Methyl Iodide
Concen: 53.639 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:142 Resp: 156113
Ion Ratio Lower Upper
142 100
127 48.4 38.7 58.1
141 14.4 11.5 17.3

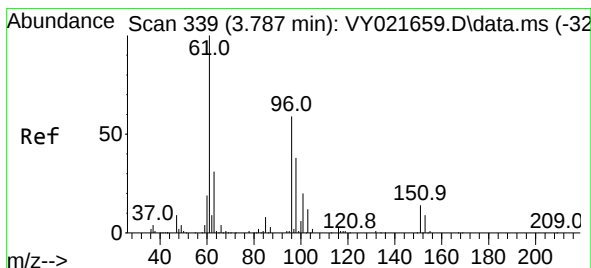
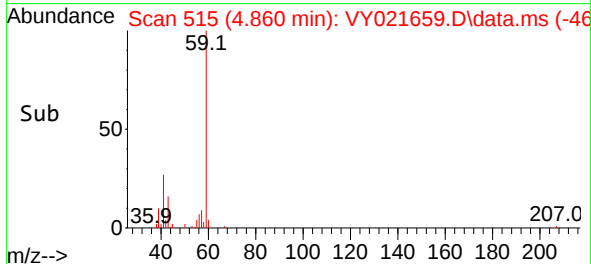
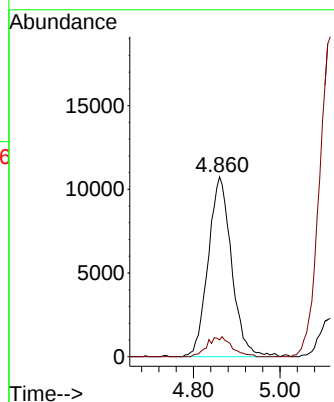
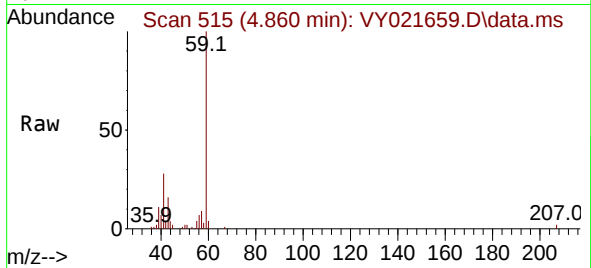




#11
Tert butyl alcohol
Concen: 240.362 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

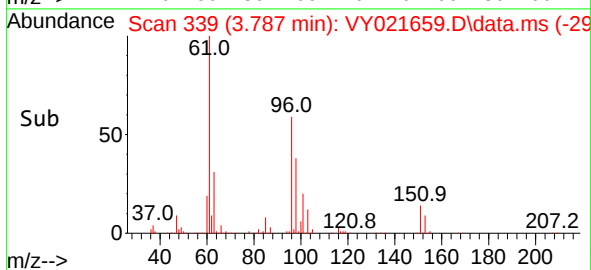
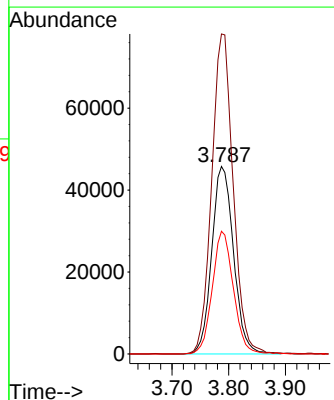
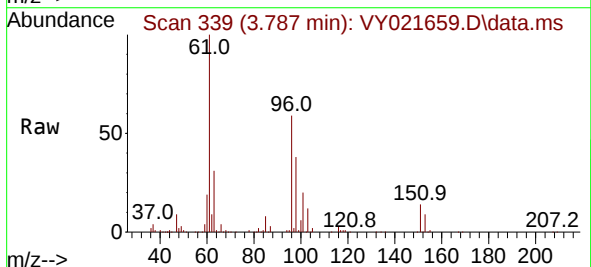
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

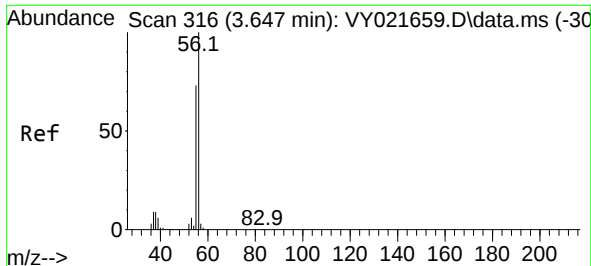
Tgt Ion: 59 Resp: 40298
Ion Ratio Lower Upper
59 100
57 11.5 9.2 13.8



#12
1,1-Dichloroethene
Concen: 48.991 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 96 Resp: 122422
Ion Ratio Lower Upper
96 100
61 170.7 136.6 204.8
98 65.4 52.3 78.5

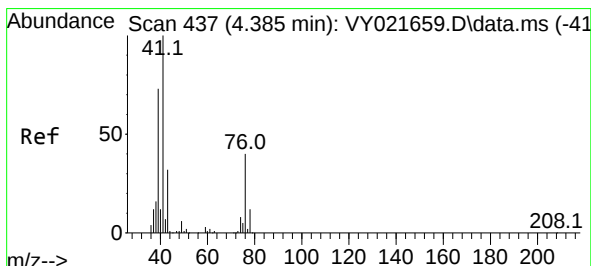
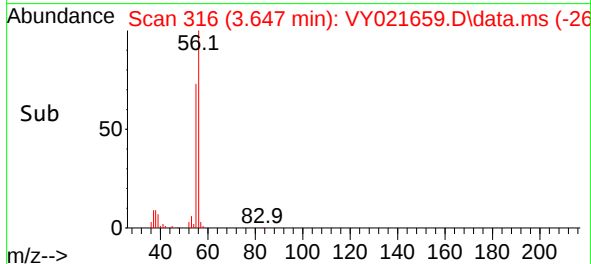
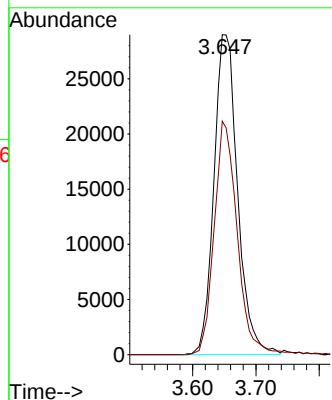
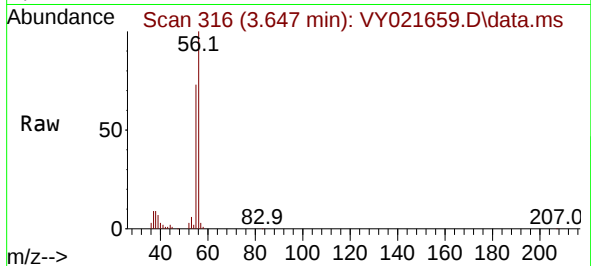




#13
Acrolein
Concen: 246.189 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

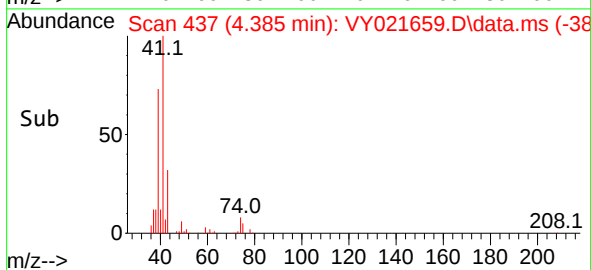
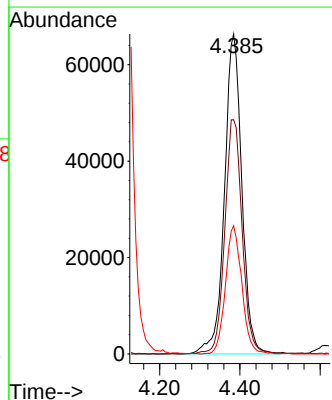
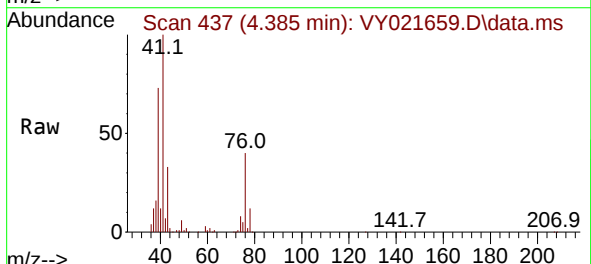
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

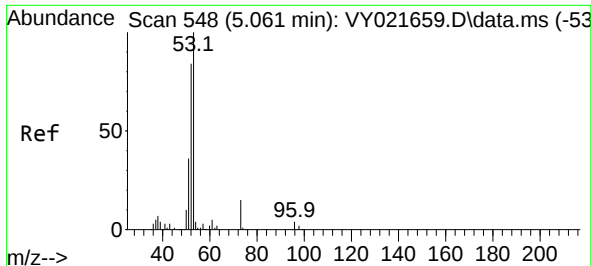
Tgt Ion: 56 Resp: 75366
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0



#14
Allyl chloride
Concen: 50.077 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 41 Resp: 199515
Ion Ratio Lower Upper
41 100
39 73.3 58.6 88.0
76 37.9 30.3 45.5

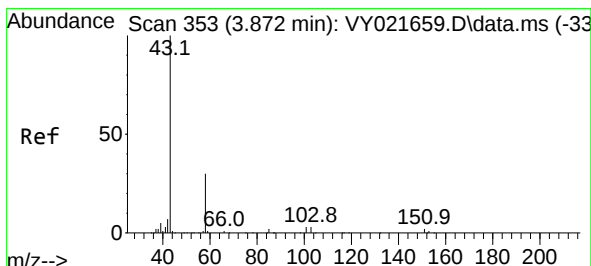
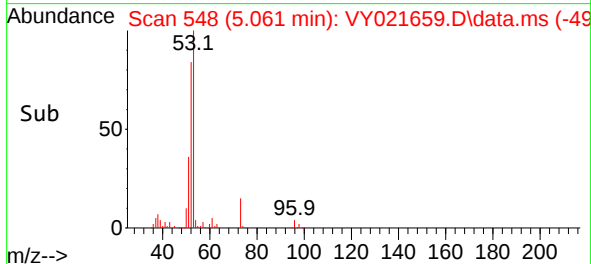
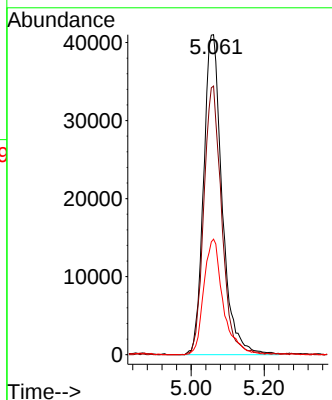
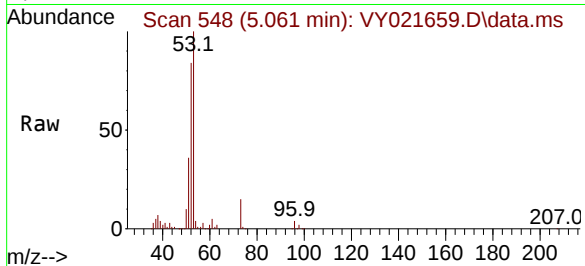




#15
Acrylonitrile
Concen: 252.430 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

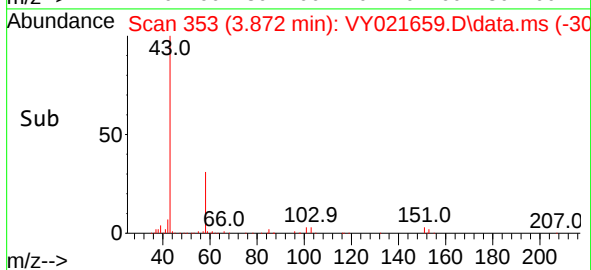
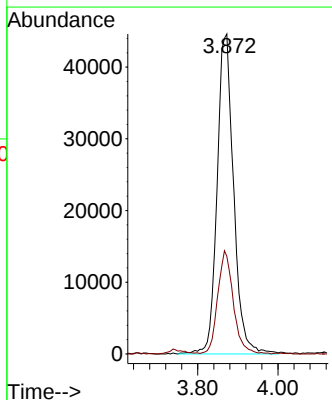
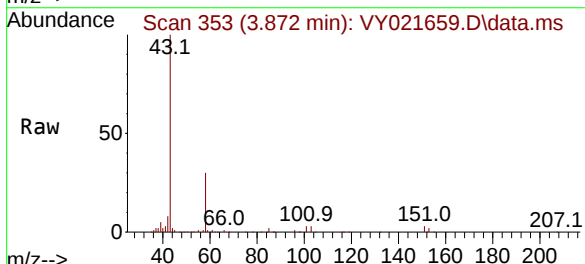
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

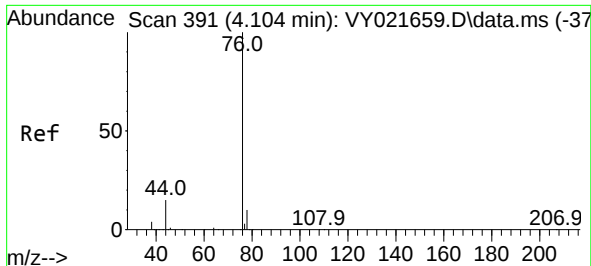
Tgt Ion: 53 Resp: 144175
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 37.7 30.2 45.2



#16
Acetone
Concen: 241.737 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 43 Resp: 127702
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4

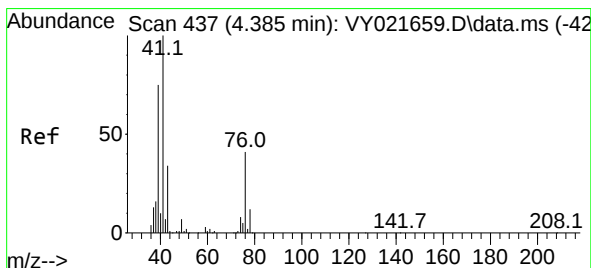
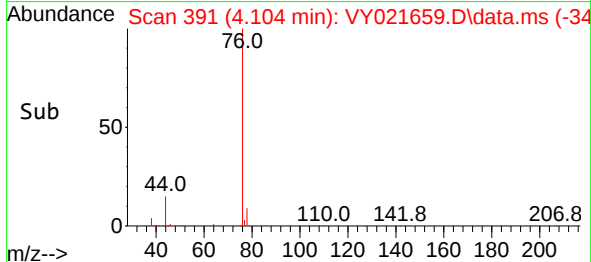
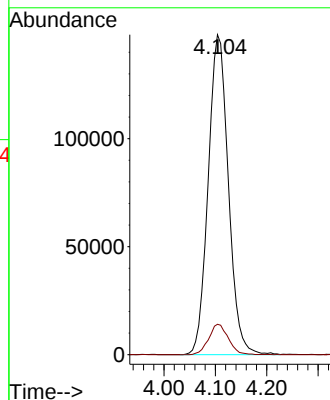
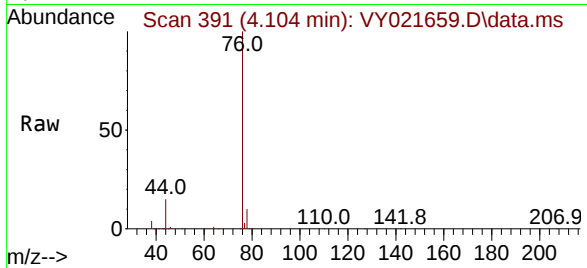




#17
Carbon Disulfide
Concen: 49.101 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

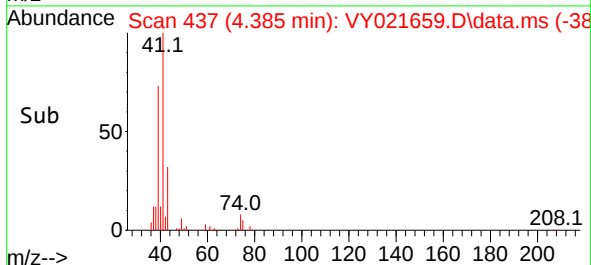
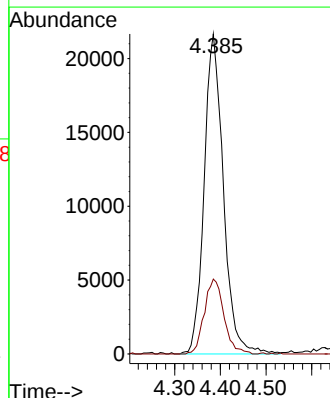
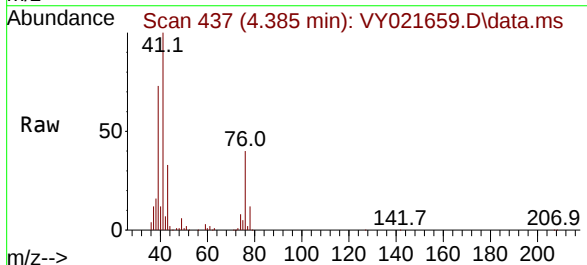
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

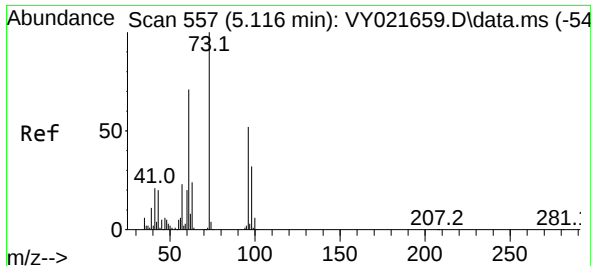
Tgt Ion: 76 Resp: 404128
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 48.309 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 43 Resp: 63249
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.742 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

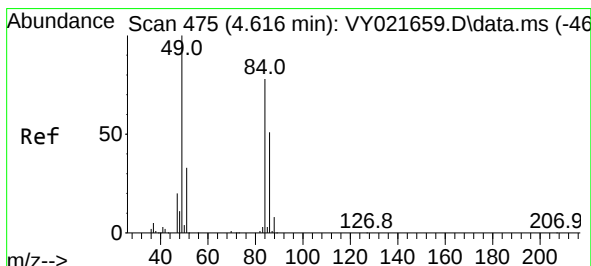
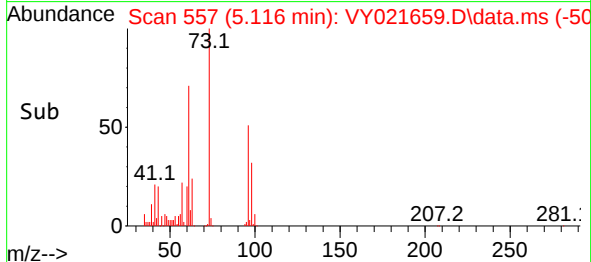
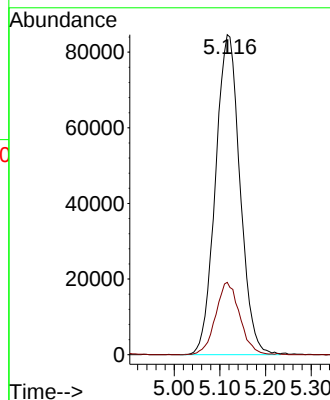
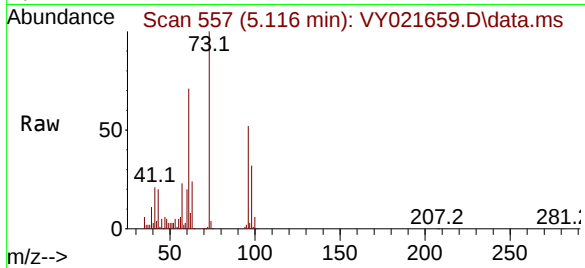
VSTDICCC050

Tgt Ion: 73 Resp: 315679

Ion Ratio Lower Upper

73 100

57 22.6 18.1 27.1



#20

Methylene Chloride

Concen: 52.136 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion: 84 Resp: 134344

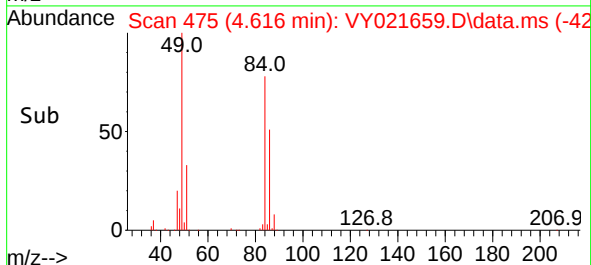
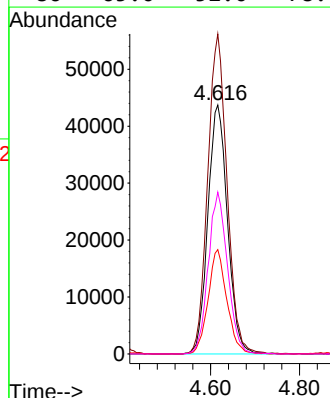
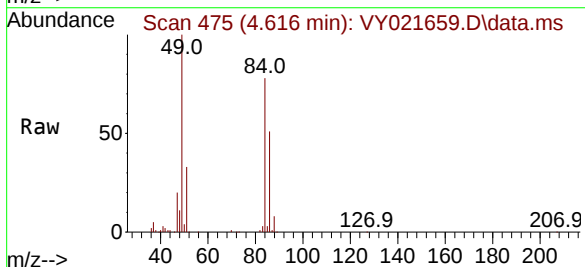
Ion Ratio Lower Upper

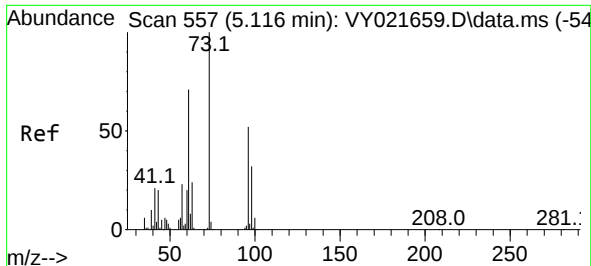
84 100

49 128.5 102.8 154.2

51 41.9 33.5 50.3

86 65.0 52.0 78.0

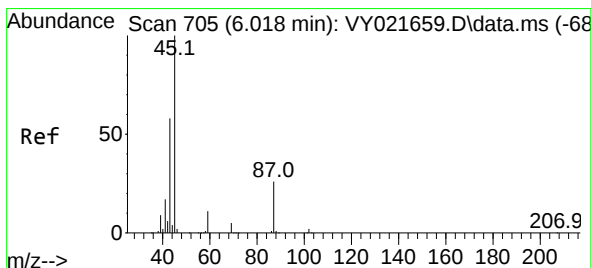
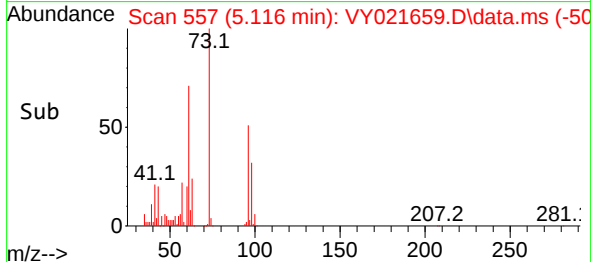
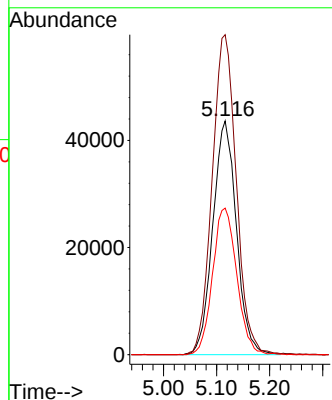
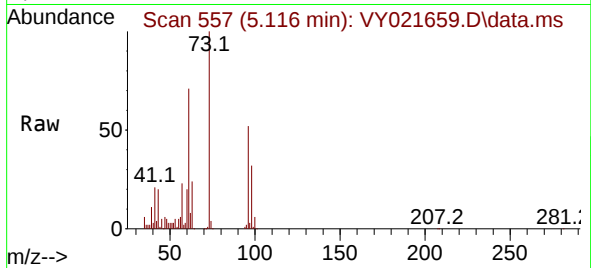




#21
trans-1,2-Dichloroethene
Concen: 49.108 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

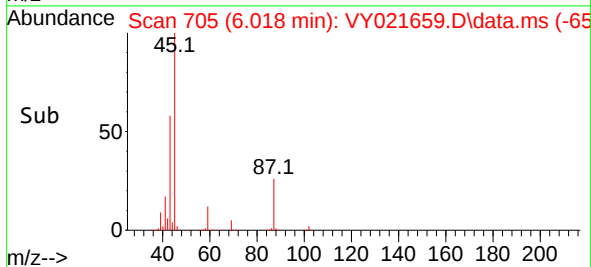
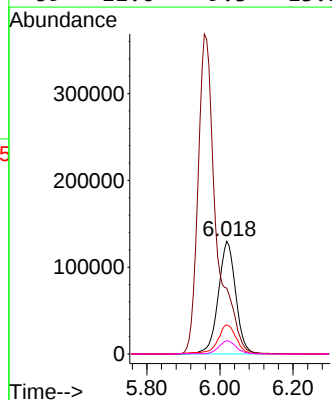
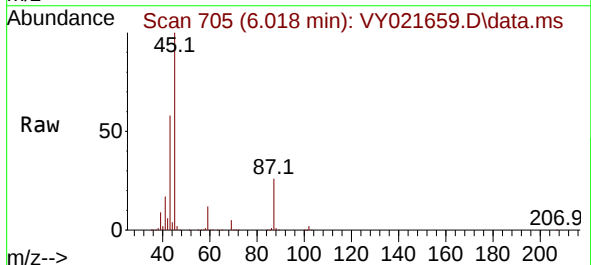
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

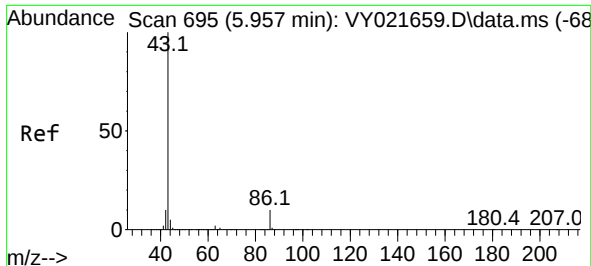
Tgt Ion: 96 Resp: 135112
Ion Ratio Lower Upper
96 100
61 136.7 109.4 164.0
98 62.7 50.2 75.2



#22
Diisopropyl ether
Concen: 51.315 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 45 Resp: 428881
Ion Ratio Lower Upper
45 100
43 58.2 46.6 69.8
87 25.9 20.7 31.1
59 11.6 9.3 13.9



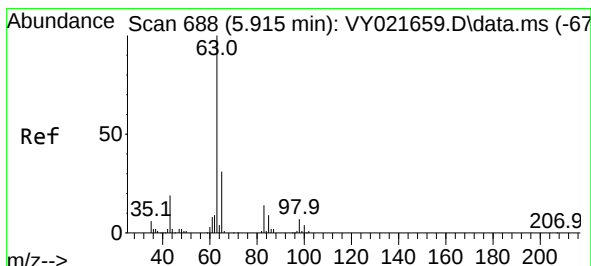
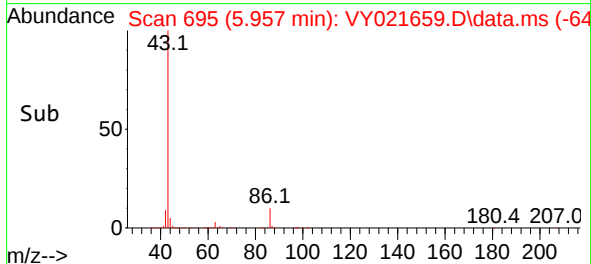
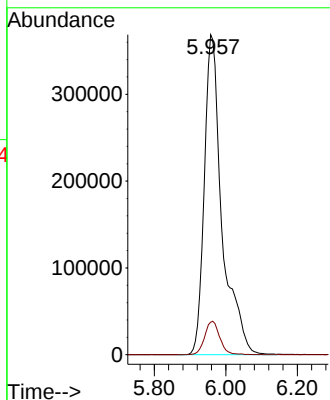
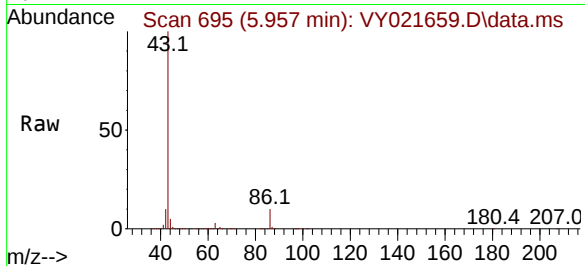


#23
 Vinyl Acetate
 Concen: 259.718 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1269853

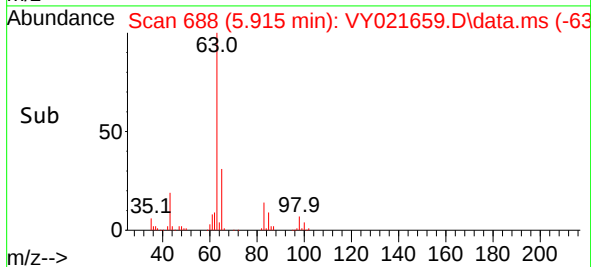
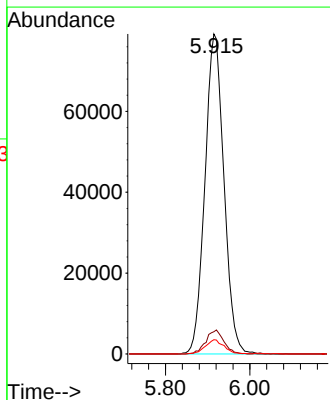
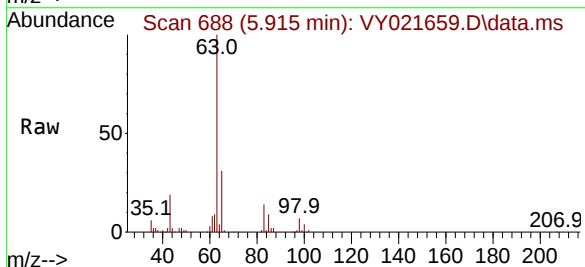
Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

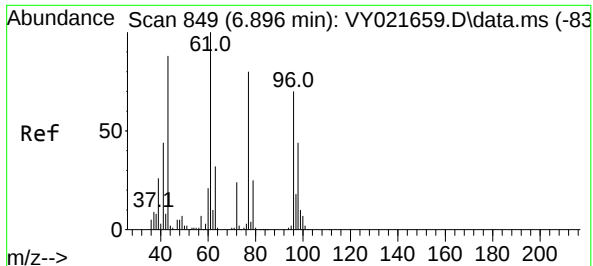


#24
 1,1-Dichloroethane
 Concen: 49.589 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Tgt Ion: 63 Resp: 247826

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.5
100	4.4	2.2	6.6





#25

2-Butanone

Concen: 251.037 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

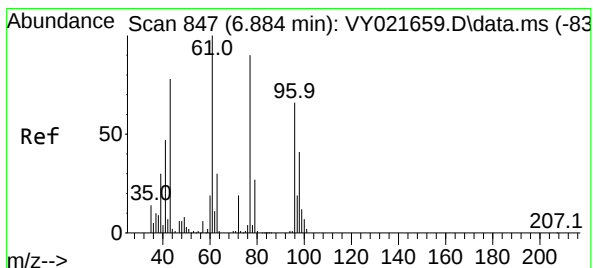
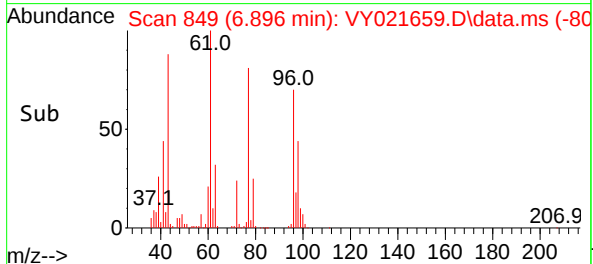
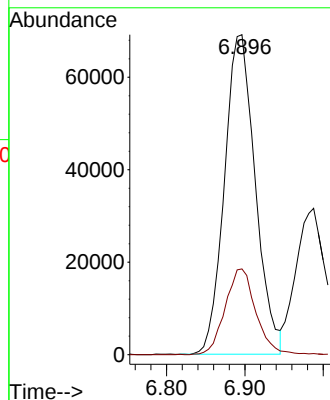
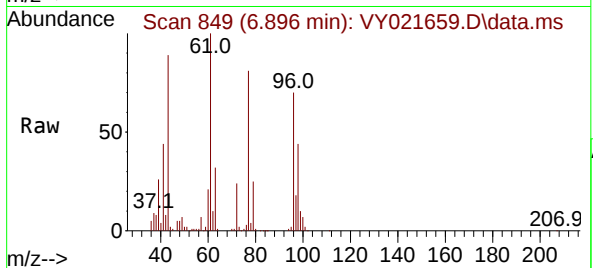
VSTDICCC050

Tgt Ion: 43 Resp: 189416

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.293 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021659.D

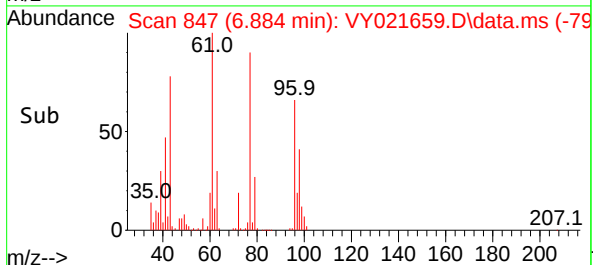
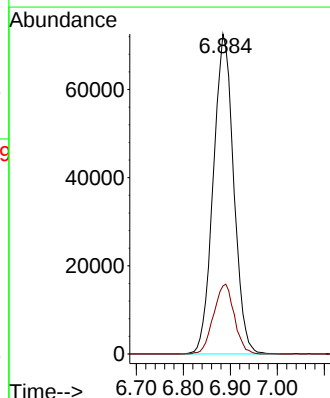
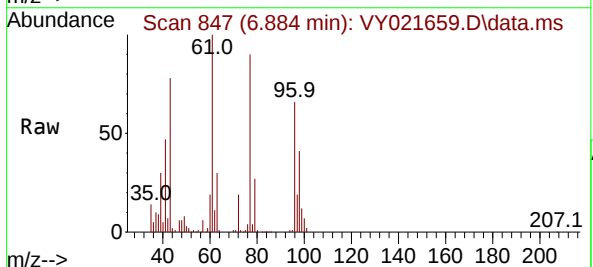
Acq: 27 Mar 2025 11:16

Tgt Ion: 77 Resp: 219131

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1

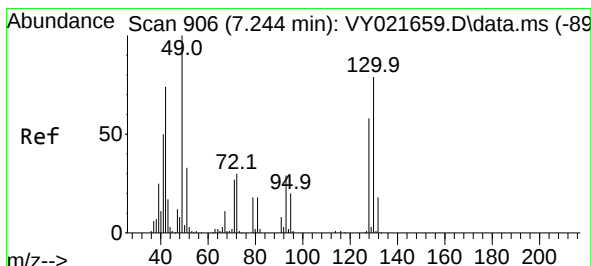
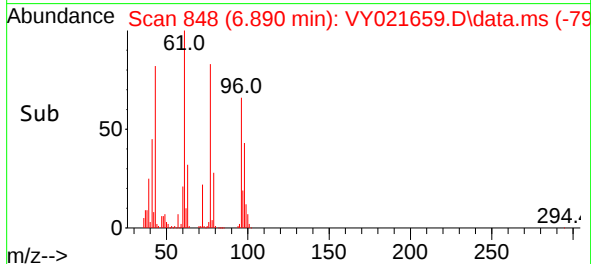
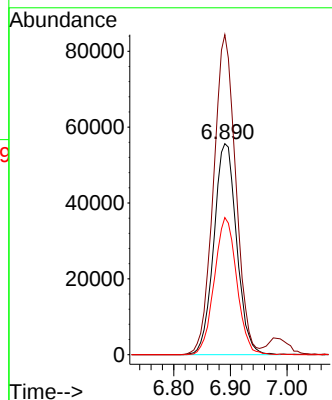
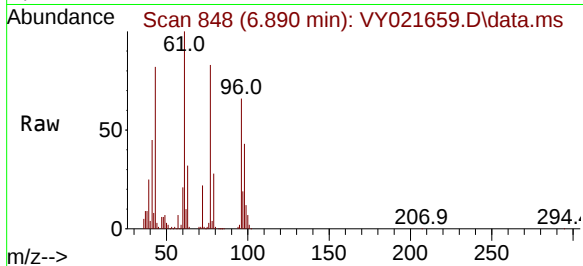




#27
 cis-1,2-Dichloroethene
 Concen: 50.214 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

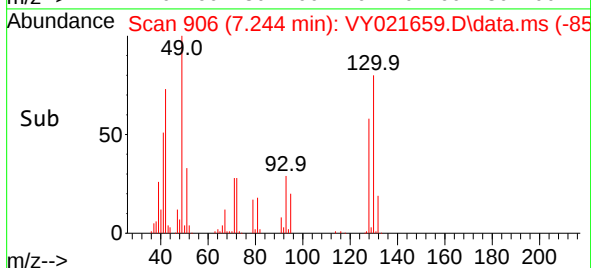
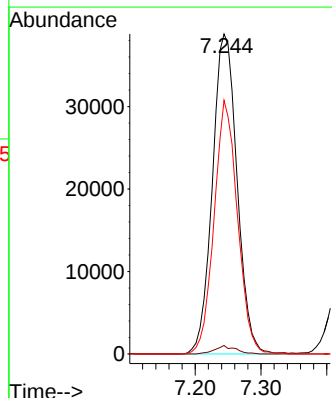
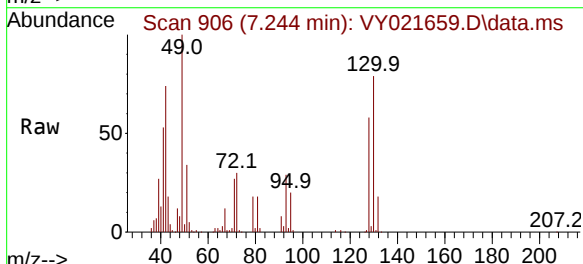
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

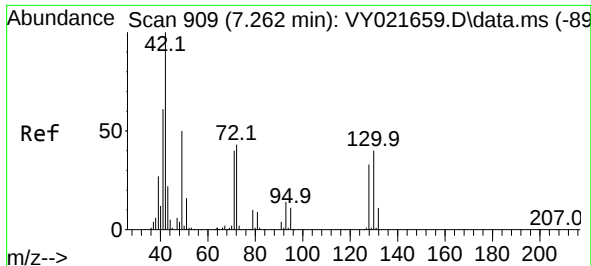
Tgt Ion: 96 Resp: 155365
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 296.4
 98 64.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 48.116 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Tgt Ion: 49 Resp: 101413
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 75.1 60.1 90.1

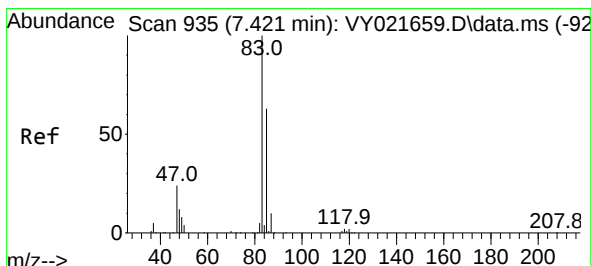
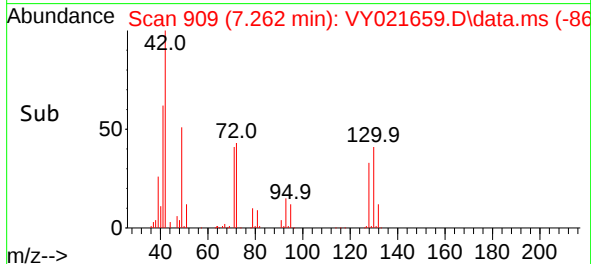
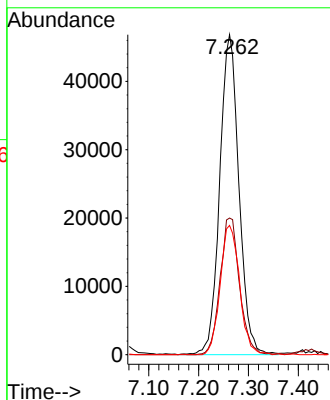
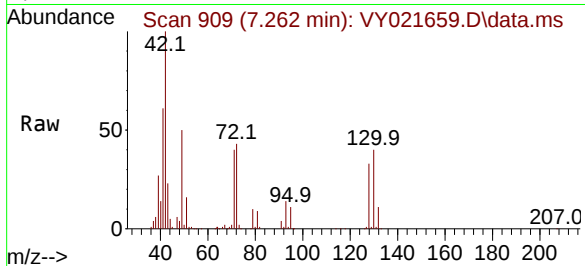




#29
Tetrahydrofuran
Concen: 258.206 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

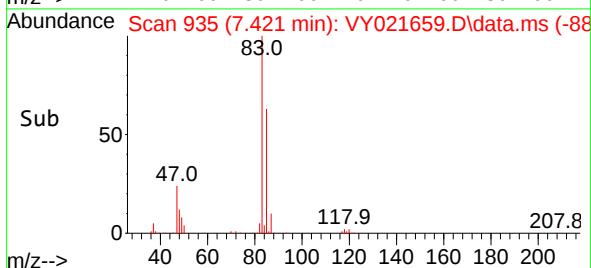
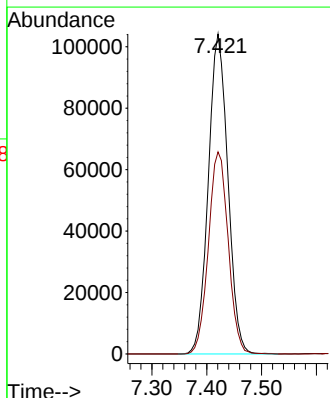
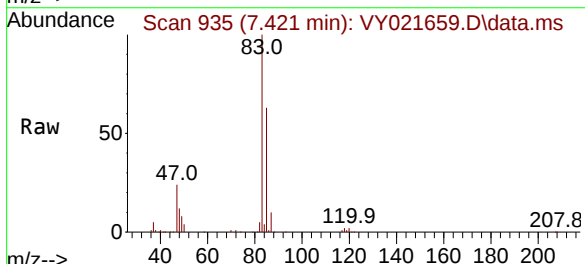
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

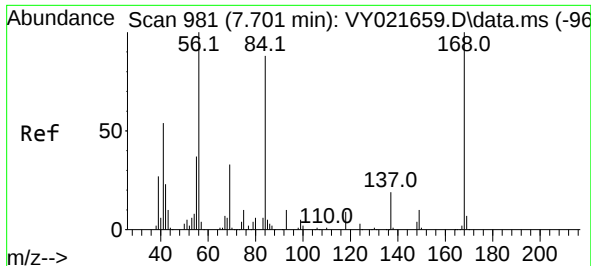
Tgt Ion: 42 Resp: 125387
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.6 32.5 48.7



#30
Chloroform
Concen: 49.541 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 83 Resp: 257511
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8

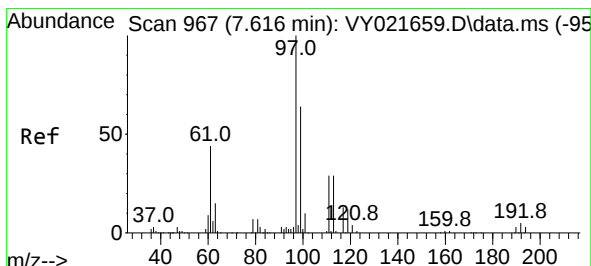
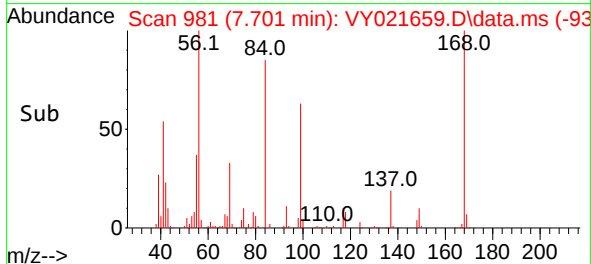
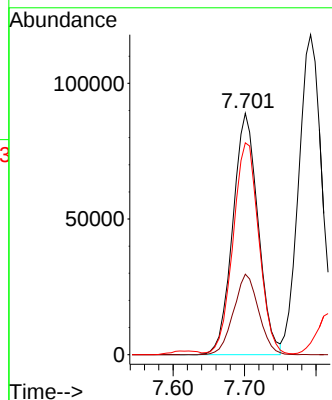
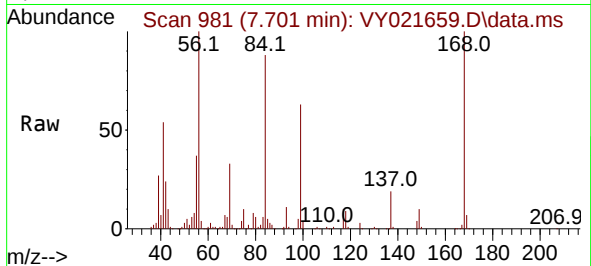




#31
Cyclohexane
Concen: 48.004 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

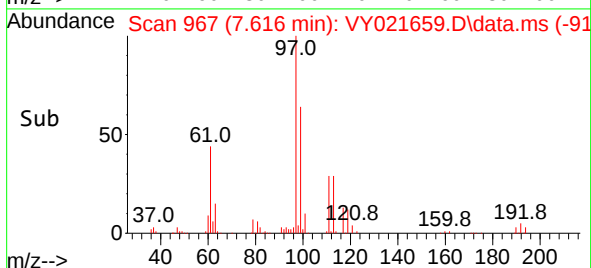
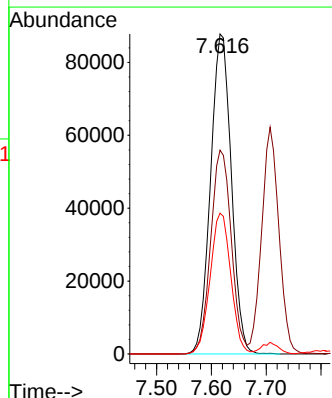
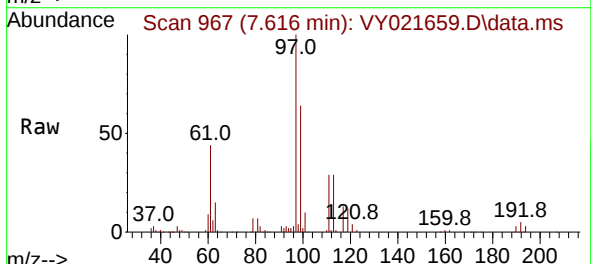
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

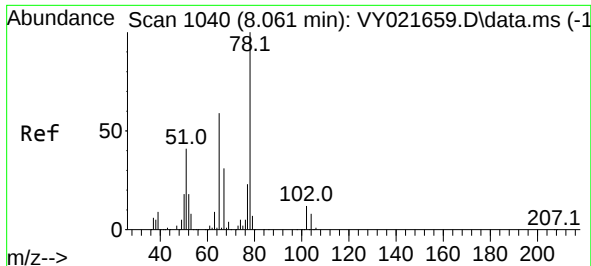
Tgt Ion: 56 Resp: 218689
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 86.2 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.051 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 97 Resp: 230441
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 44.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.552 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

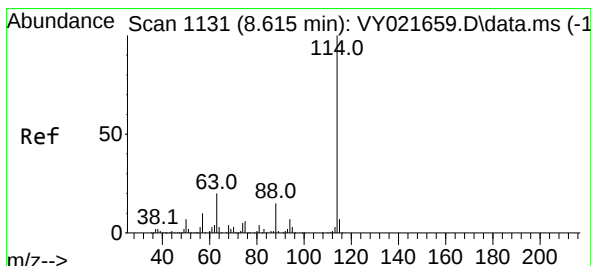
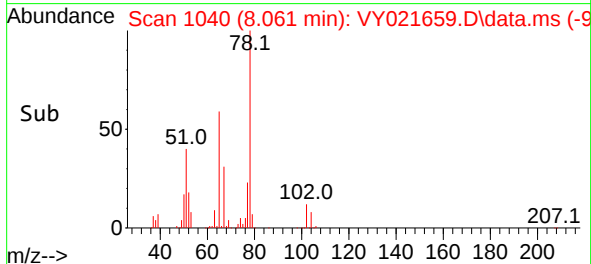
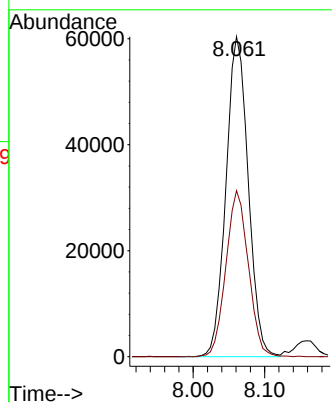
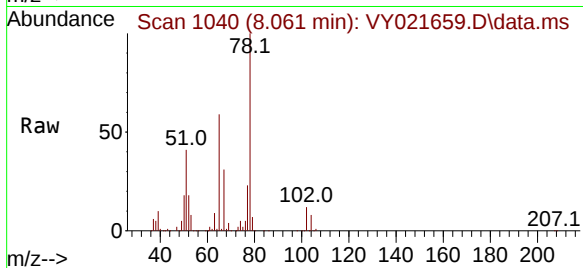
VSTDICCC050

Tgt Ion: 65 Resp: 130485

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

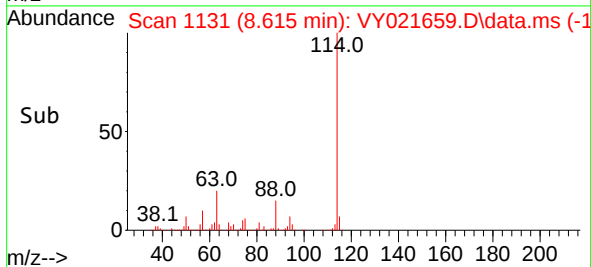
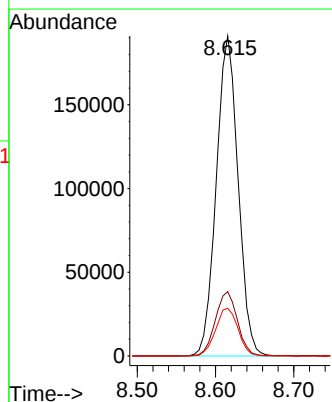
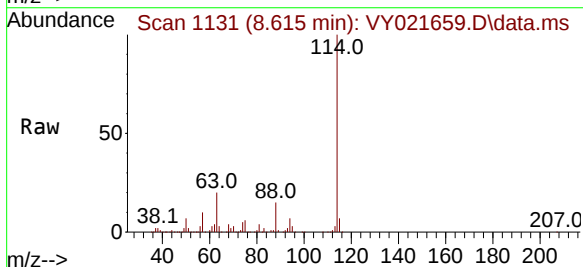
Tgt Ion: 114 Resp: 369963

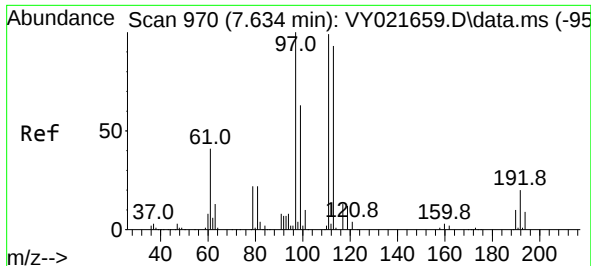
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.9 0.0 29.8

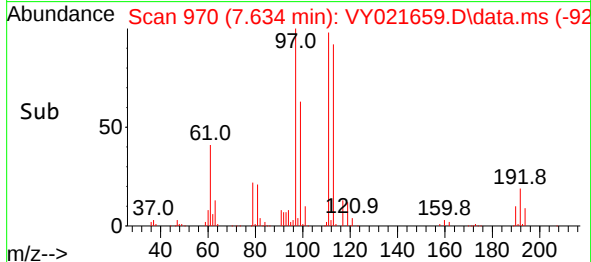
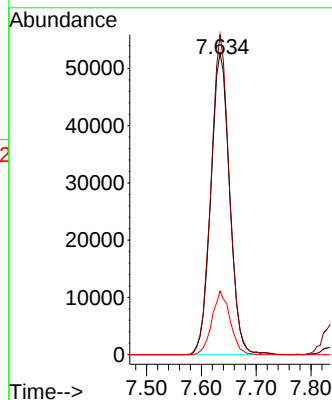
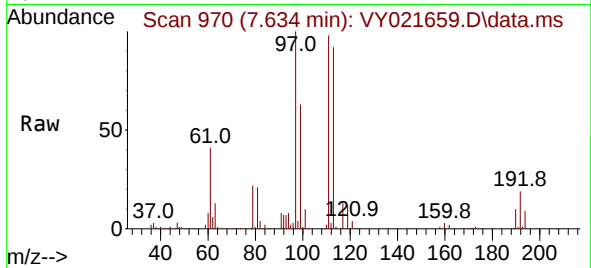




#35
Dibromofluoromethane
Concen: 52.259 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

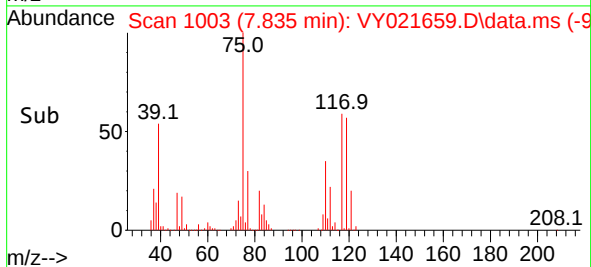
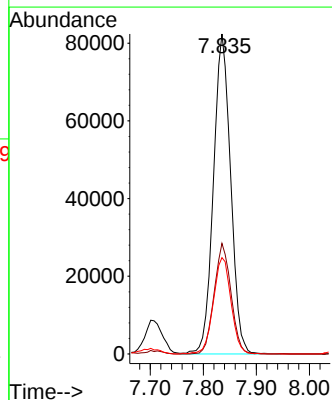
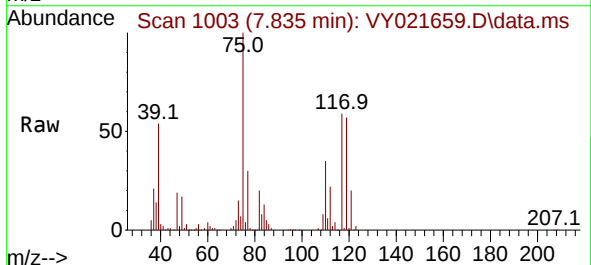
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

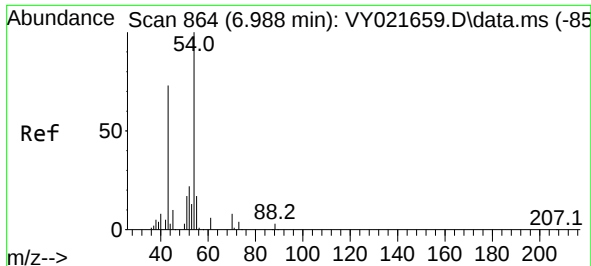
Tgt Ion:113 Resp: 125415
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.763 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 75 Resp: 185559
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.0 24.8 37.2

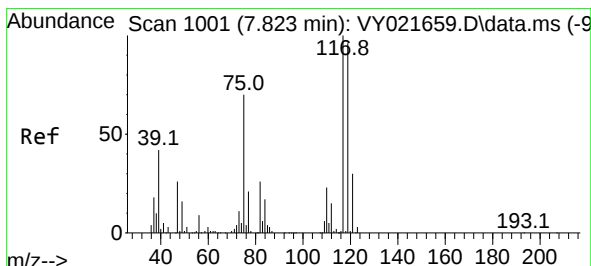
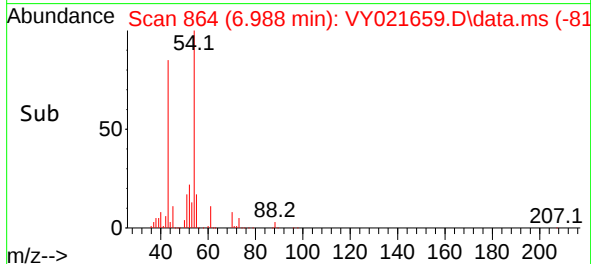
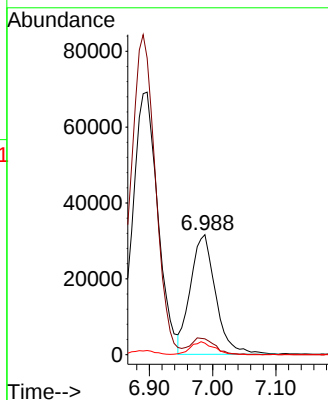
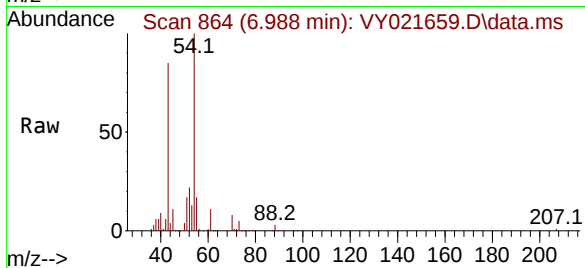




#37
Ethyl Acetate
Concen: 50.617 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

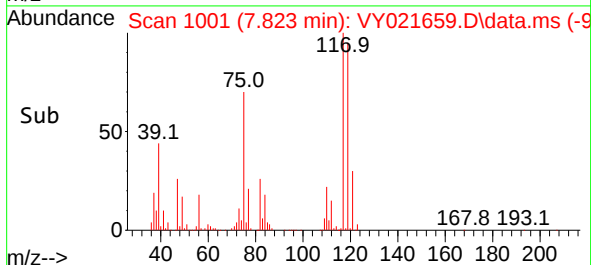
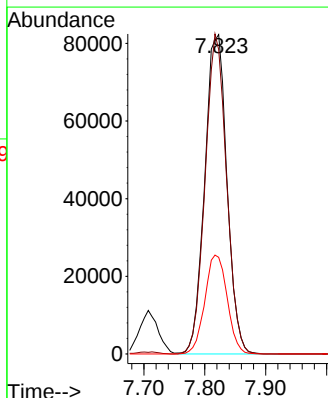
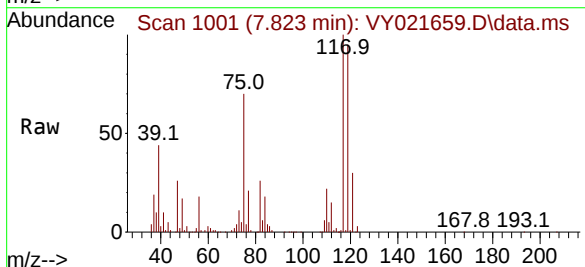
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

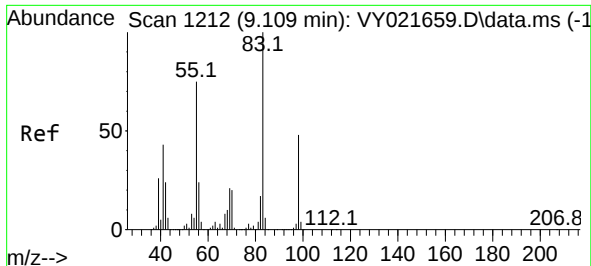
Tgt Ion: 43 Resp: 87321
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.810 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 117 Resp: 208537
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4
121 30.3 24.2 36.4

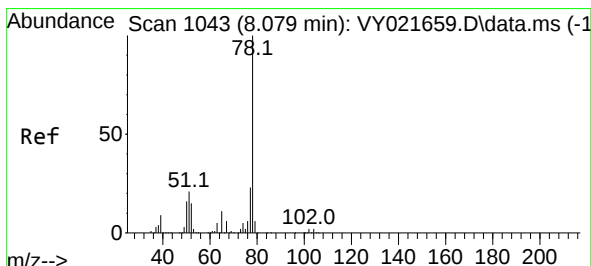
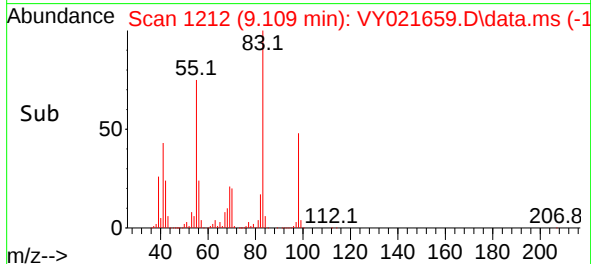
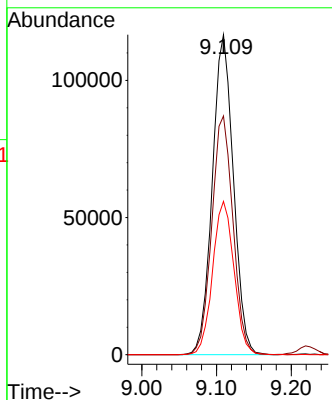
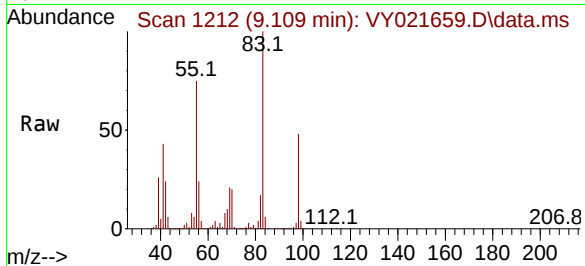




#39
Methylcyclohexane
Concen: 52.472 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

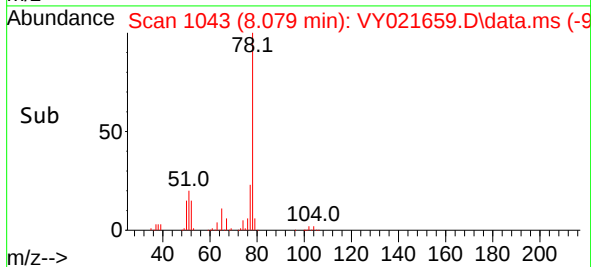
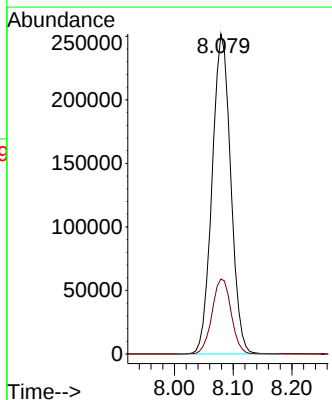
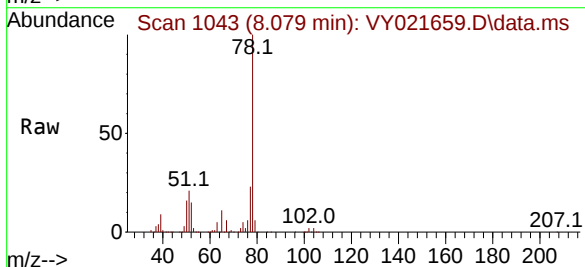
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

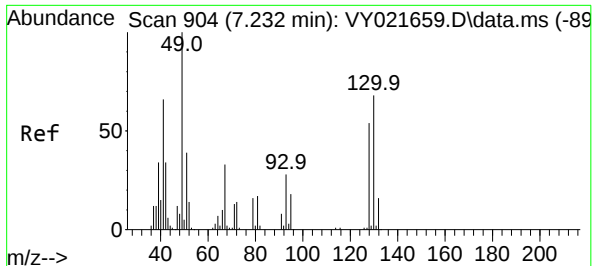
Tgt Ion: 83 Resp: 229134
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 47.9 38.3 57.5



#40
Benzene
Concen: 50.649 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 78 Resp: 554462
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

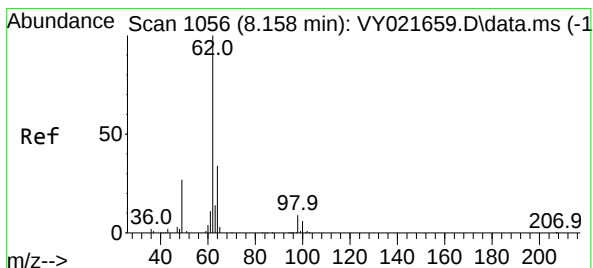
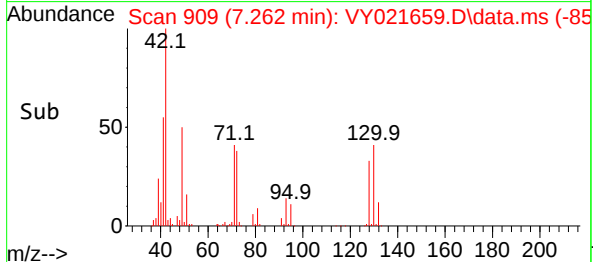
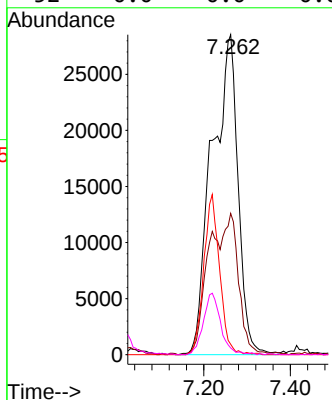
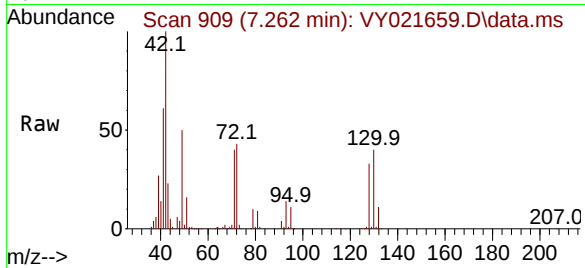




#41
Methacrylonitrile
Concen: 130.380 ug/l
RT: 7.262 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

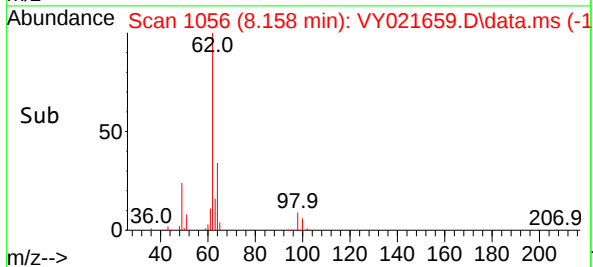
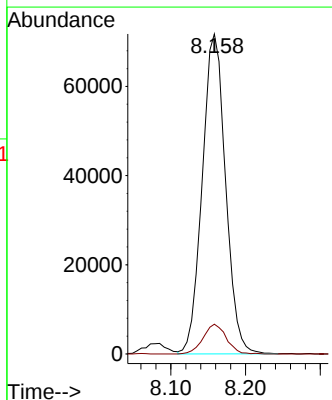
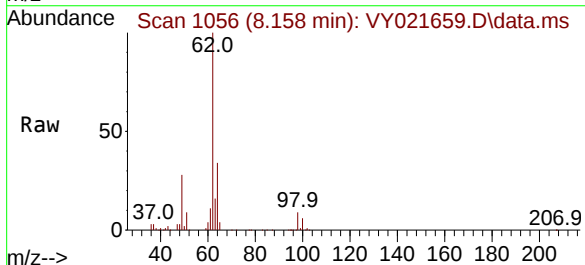
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

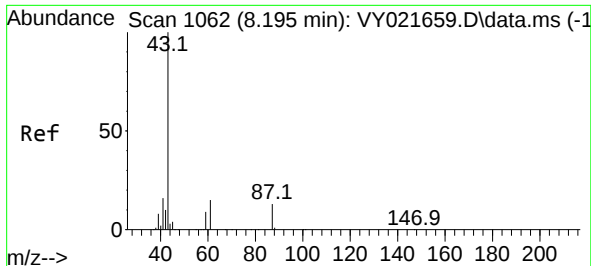
Tgt Ion: 41 Resp: 119440
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.343 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 62 Resp: 155365
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

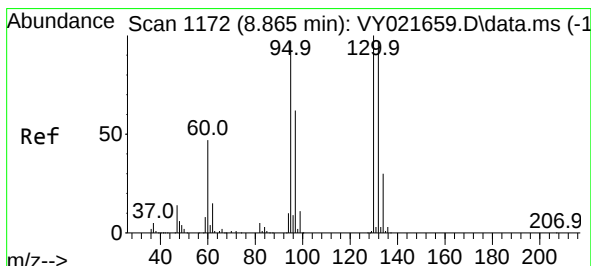
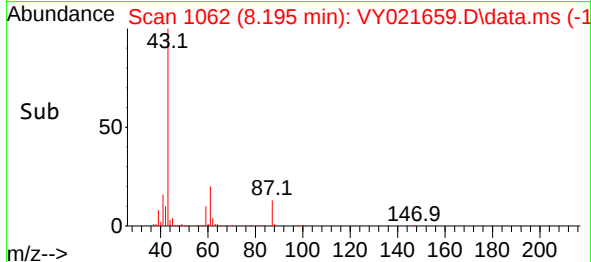
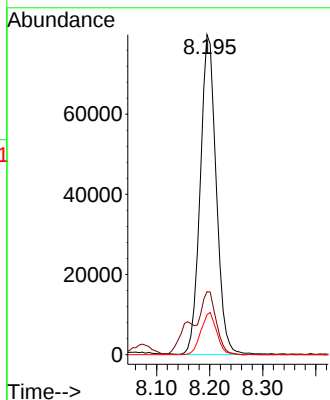
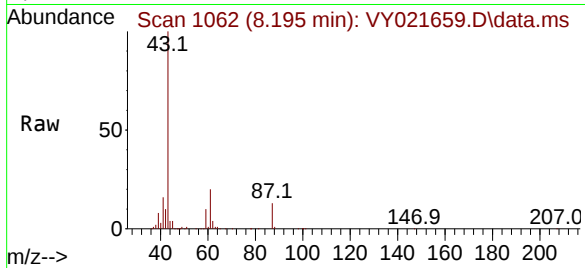




#43
Isopropyl Acetate
Concen: 51.076 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

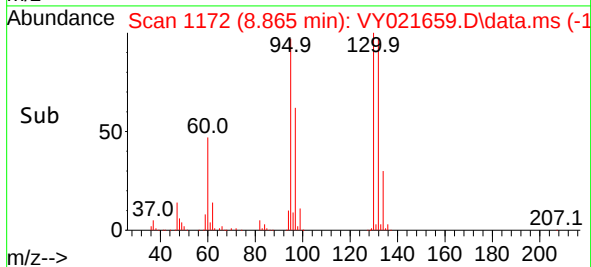
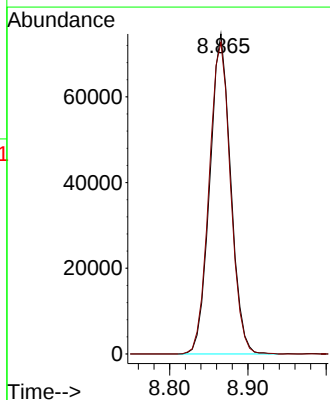
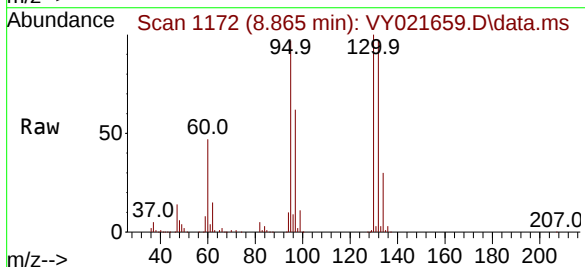
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

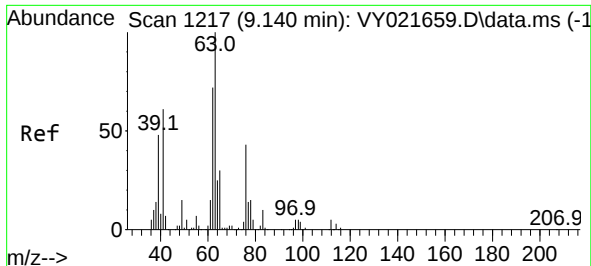
Tgt Ion: 43 Resp: 166982
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 13.0 10.4 15.6



#44
Trichloroethene
Concen: 49.637 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:130 Resp: 138449
Ion Ratio Lower Upper
130 100
95 97.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.395 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

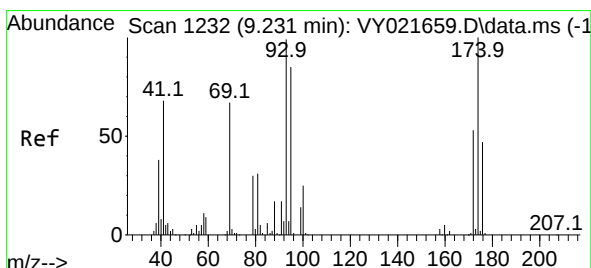
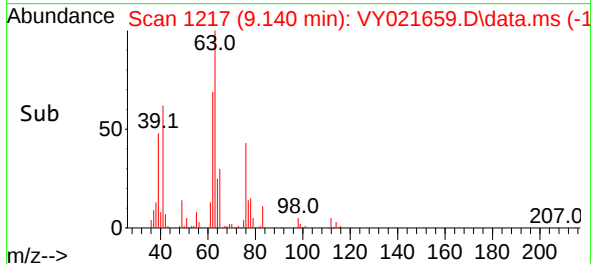
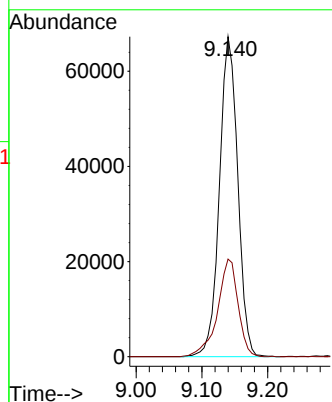
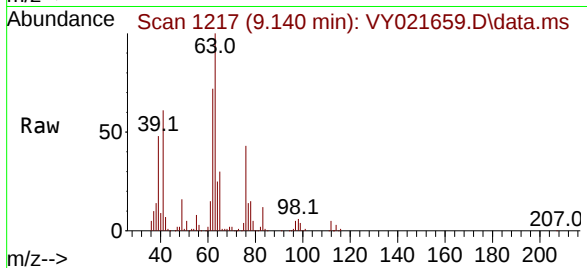
VSTDICCC050

Tgt Ion: 63 Resp: 130586

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 49.174 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

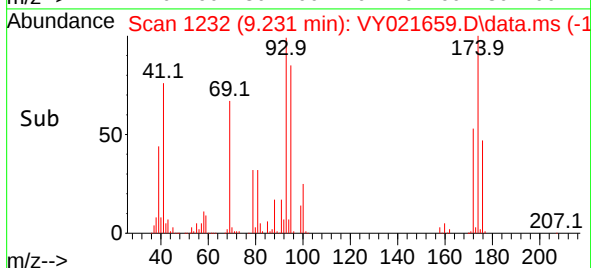
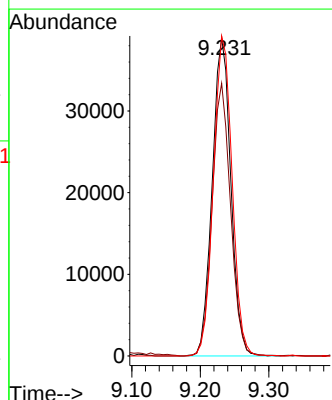
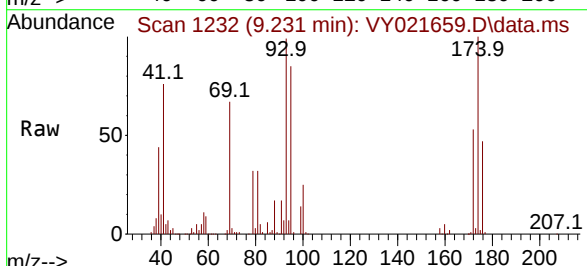
Tgt Ion: 93 Resp: 73435

Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

174 101.1 80.9 121.3

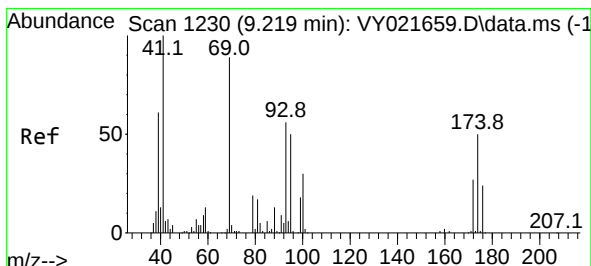
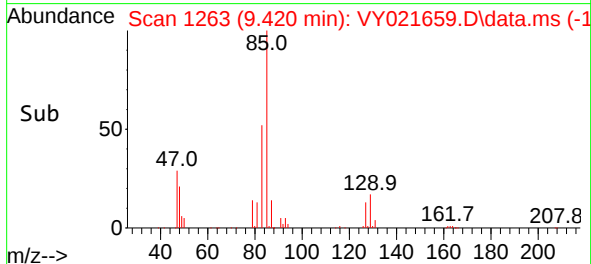
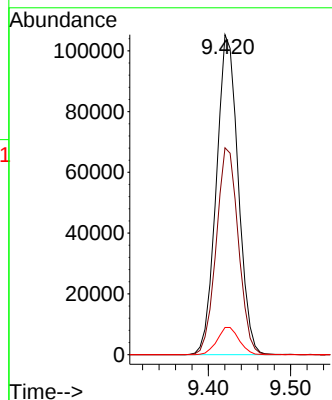
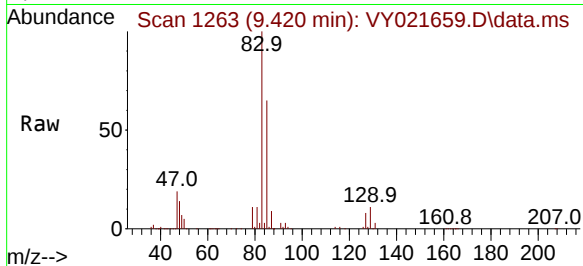




#47
Bromodichloromethane
Concen: 50.237 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

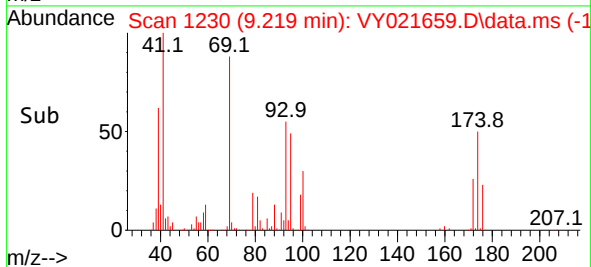
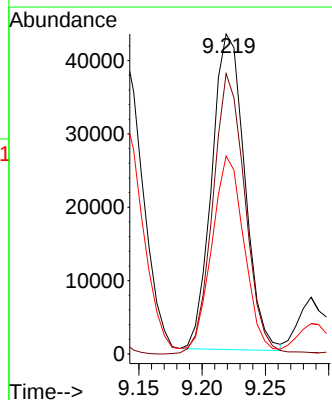
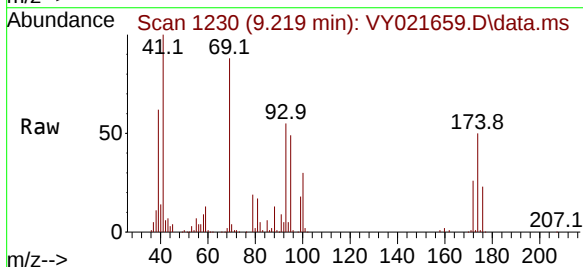
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

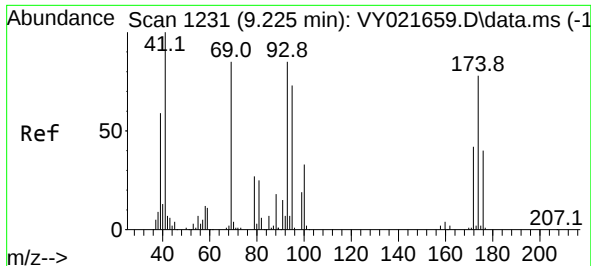
Tgt Ion: 83 Resp: 194399
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 51.902 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 41 Resp: 77877
Ion Ratio Lower Upper
41 100
69 87.3 69.8 104.8
39 59.0 47.2 70.8





#49

1,4-Dioxane

Concen: 1030.192 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

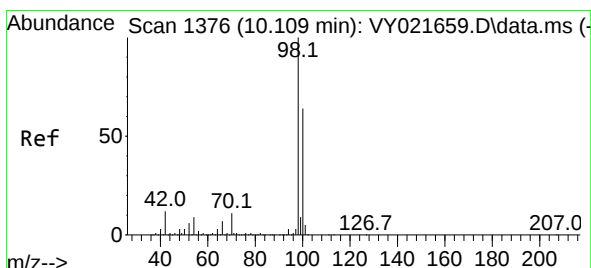
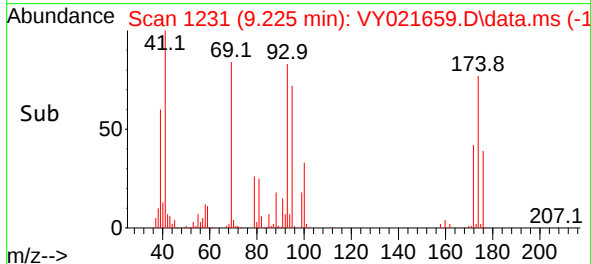
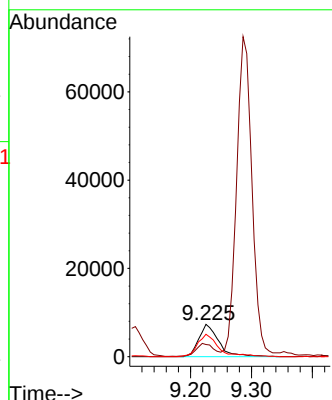
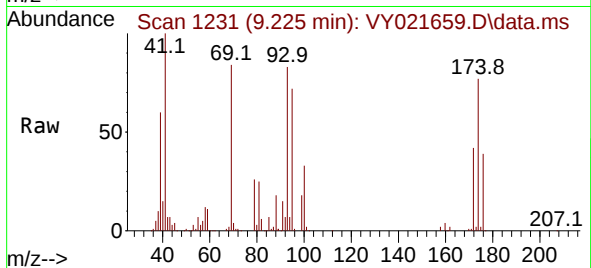
Tgt Ion: 88 Resp: 16481

Ion Ratio Lower Upper

88 100

43 36.0 28.8 43.2

58 74.3 59.4 89.2



#50

Toluene-d8

Concen: 52.909 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021659.D

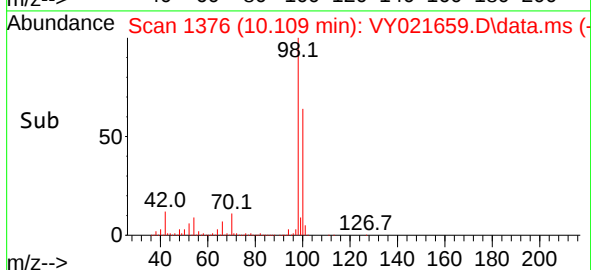
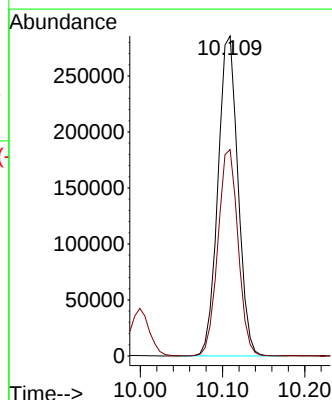
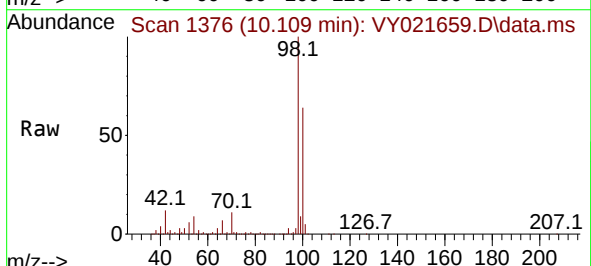
Acq: 27 Mar 2025 11:16

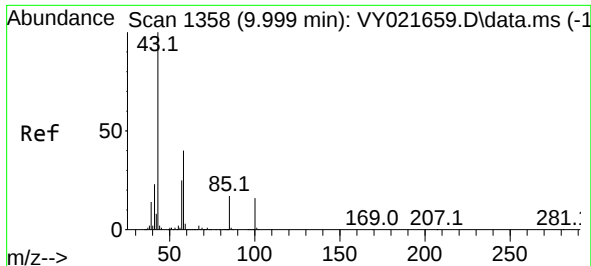
Tgt Ion: 98 Resp: 483058

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 261.893 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

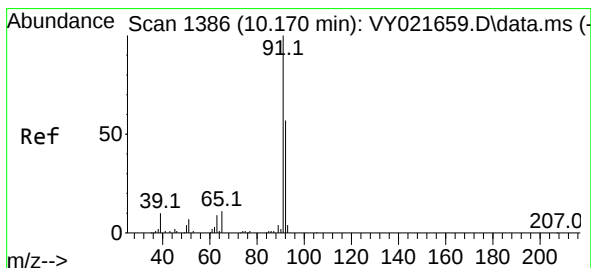
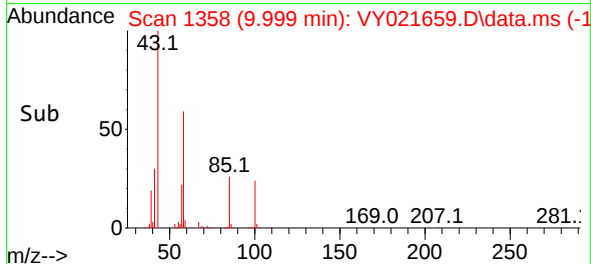
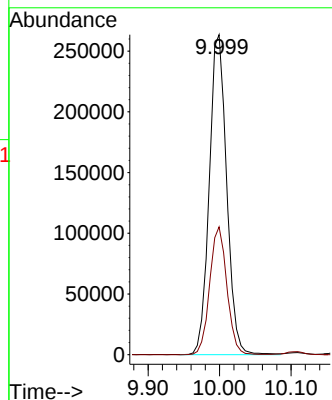
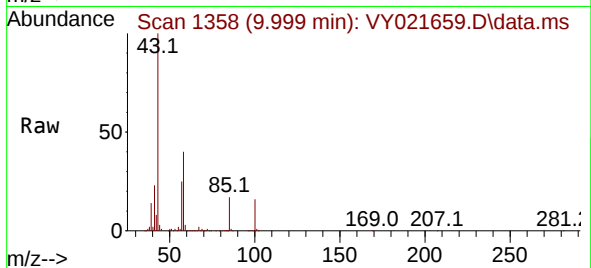
VSTDICCC050

Tgt Ion: 43 Resp: 445564

Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



#52

Toluene

Concen: 51.496 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021659.D

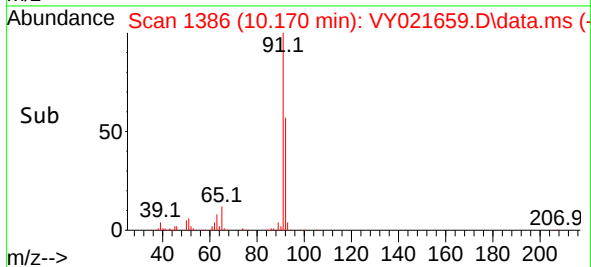
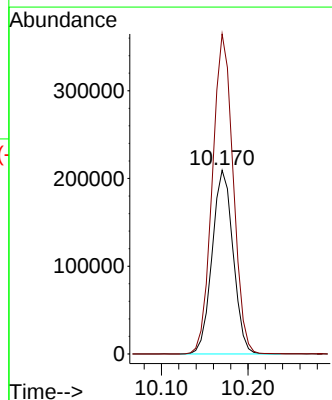
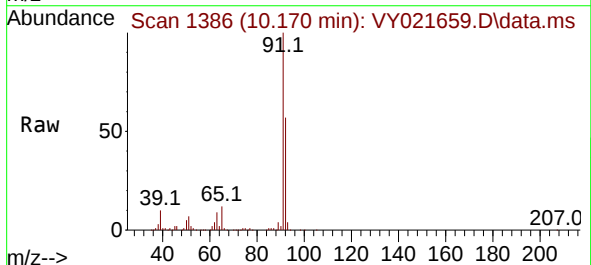
Acq: 27 Mar 2025 11:16

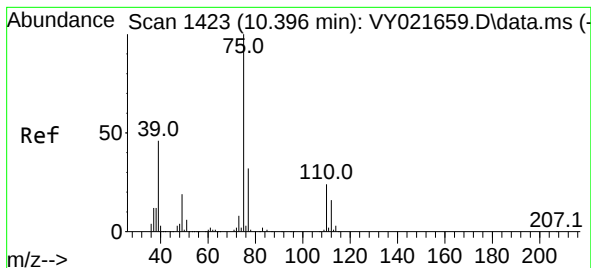
Tgt Ion: 92 Resp: 351715

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8

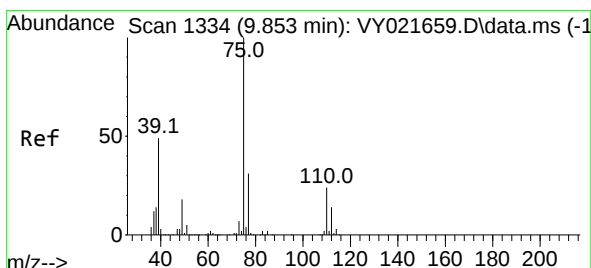
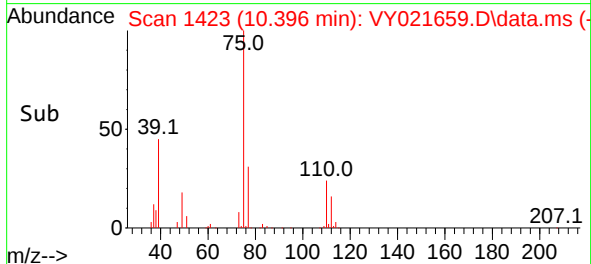
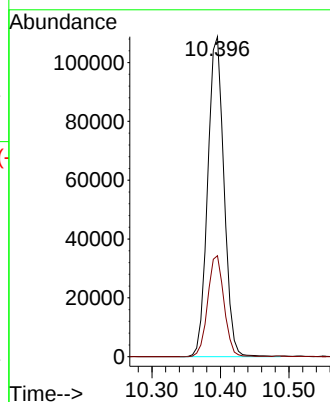
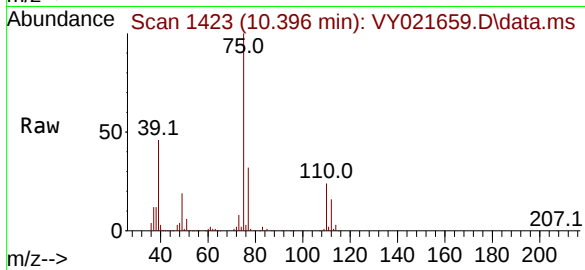




#53
 t-1,3-Dichloropropene
 Concen: 52.296 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

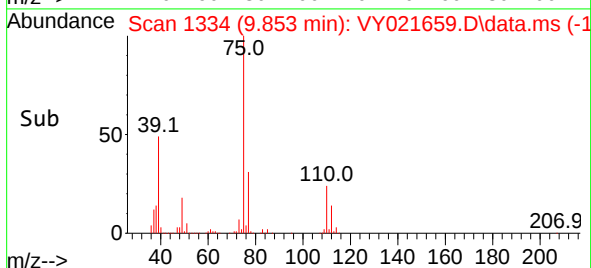
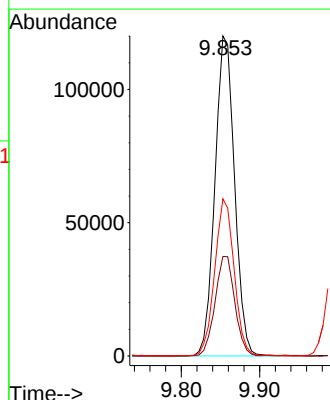
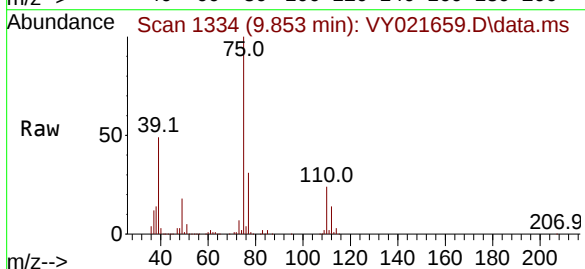
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

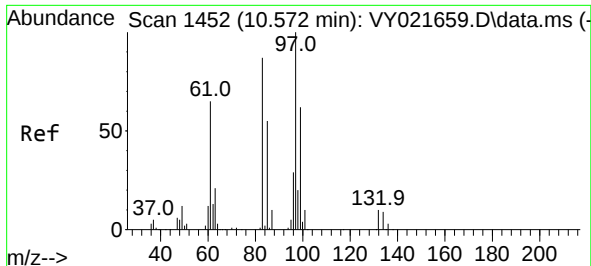
Tgt Ion: 75 Resp: 179747
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.579 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Tgt Ion: 75 Resp: 209143
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 49.0 39.2 58.8

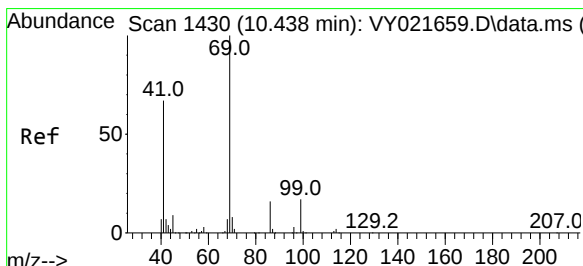
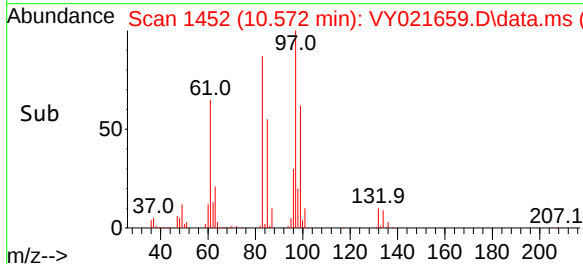
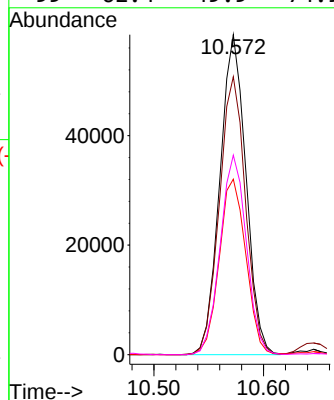
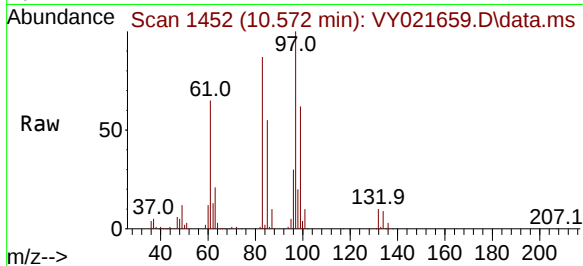




#55
1,1,2-Trichloroethane
Concen: 50.254 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

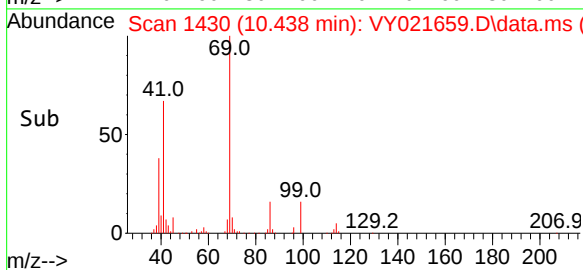
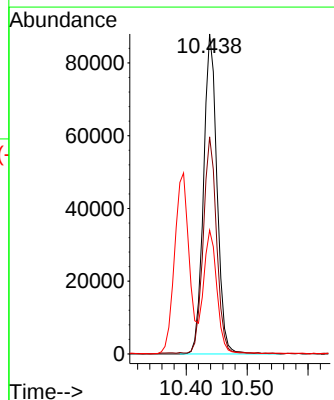
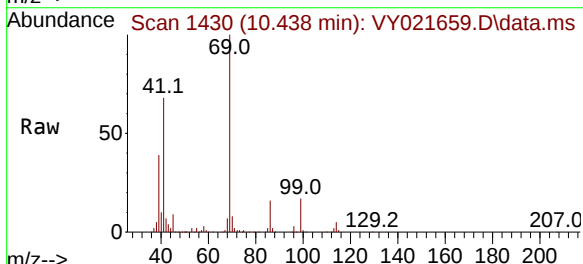
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	97	Resp:	96578
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	54.9	43.9	65.9
99	62.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 55.124 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:	69	Resp:	135272
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.8	80.6
39	37.0	29.6	44.4





#57

1,3-Dichloropropane

Concen: 51.252 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

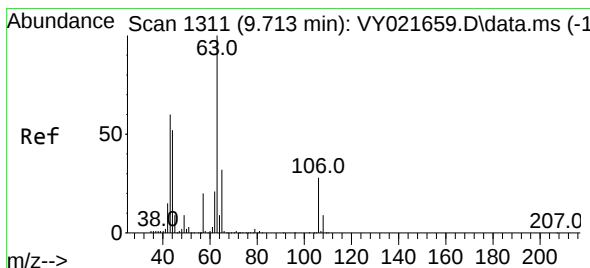
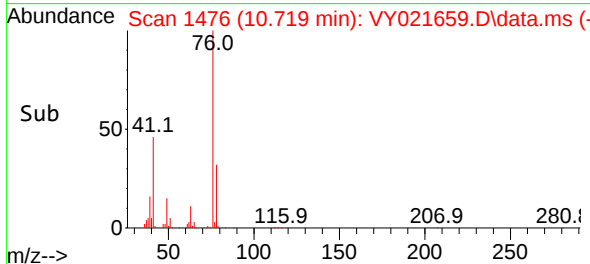
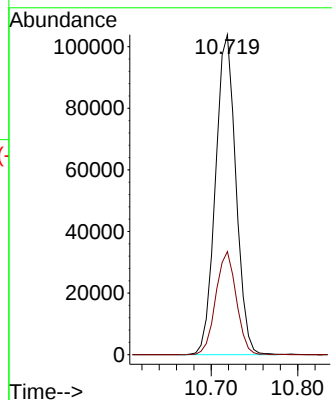
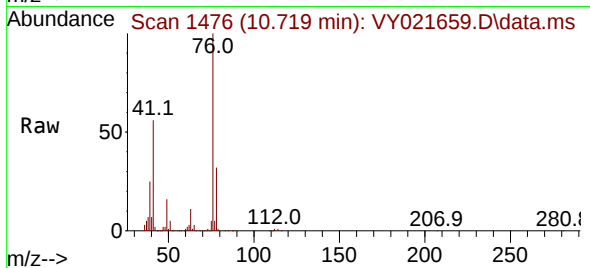
VSTDICCC050

Tgt Ion: 76 Resp: 170109

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 277.643 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021659.D

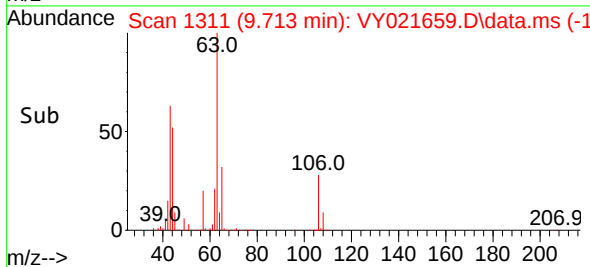
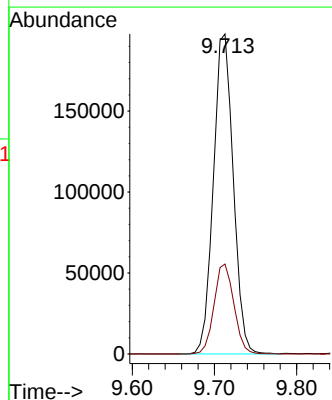
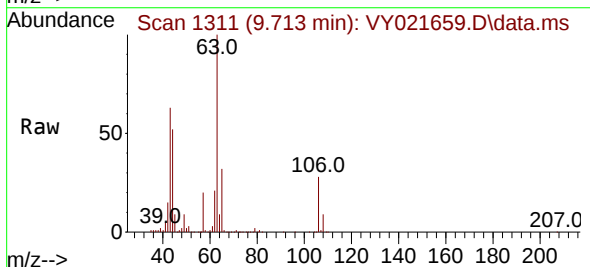
Acq: 27 Mar 2025 11:16

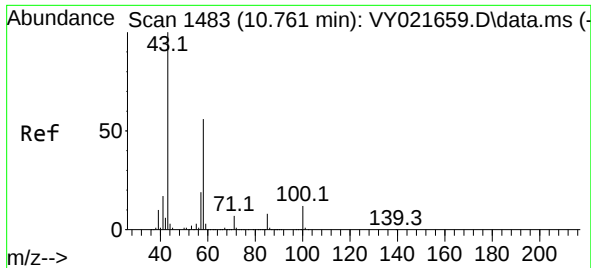
Tgt Ion: 63 Resp: 332369

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

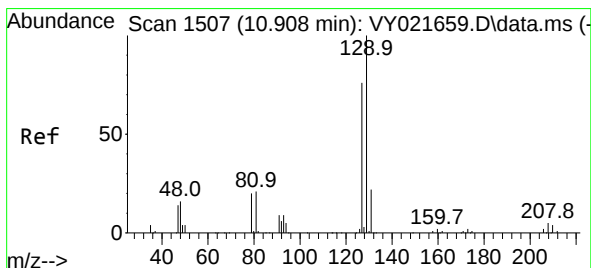
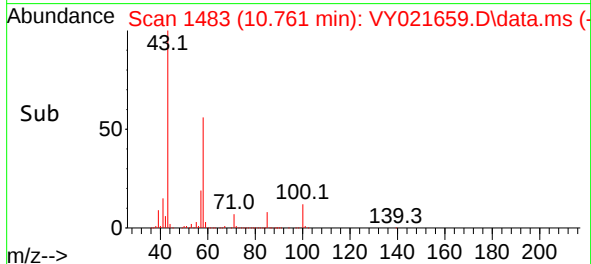
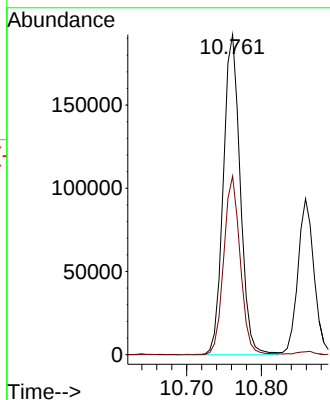
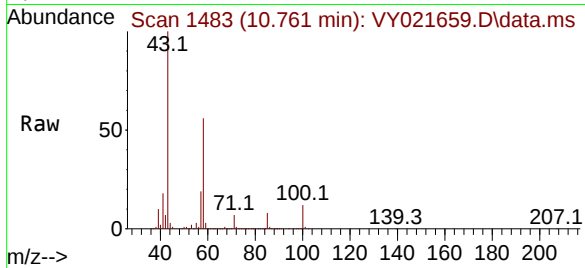




#59
2-Hexanone
Concen: 267.012 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

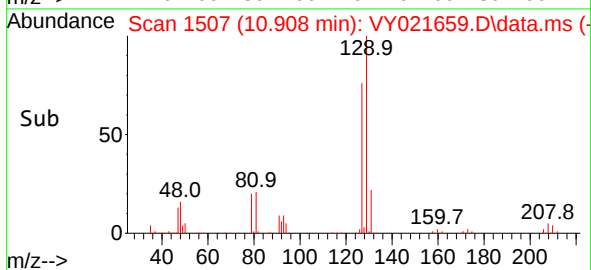
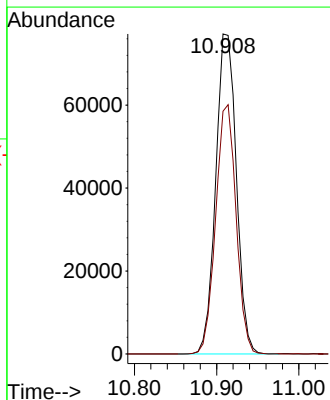
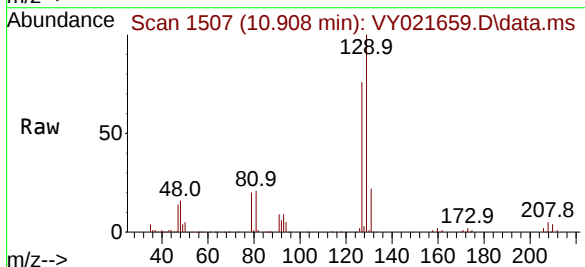
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

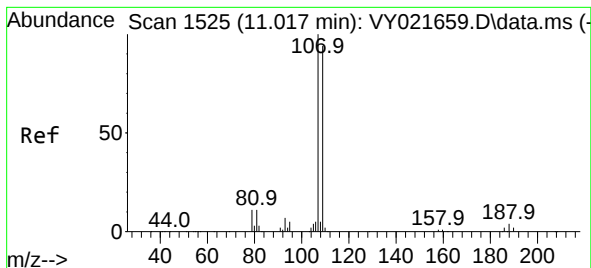
Tgt Ion: 43 Resp: 302538
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5



#60
Dibromochloromethane
Concen: 51.334 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:129 Resp: 134696
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 52.067 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

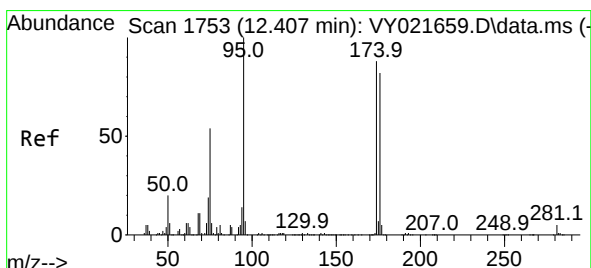
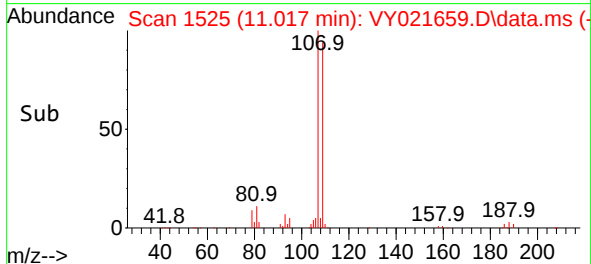
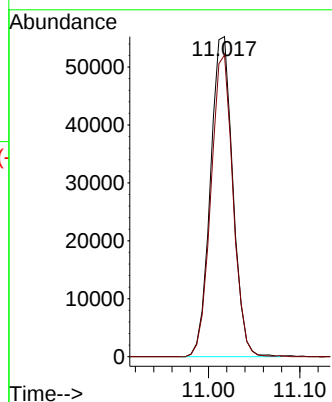
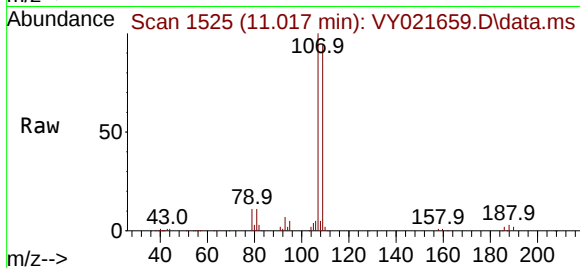
VSTDICCC050

Tgt Ion:107 Resp: 93866

Ion Ratio Lower Upper

107 100

109 93.0 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 52.583 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

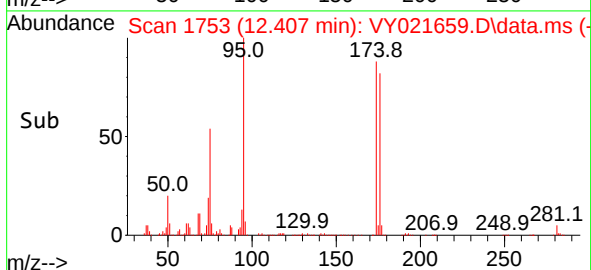
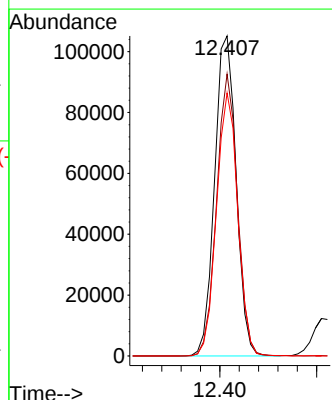
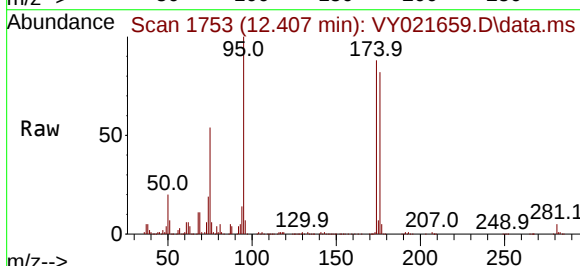
Tgt Ion: 95 Resp: 162384

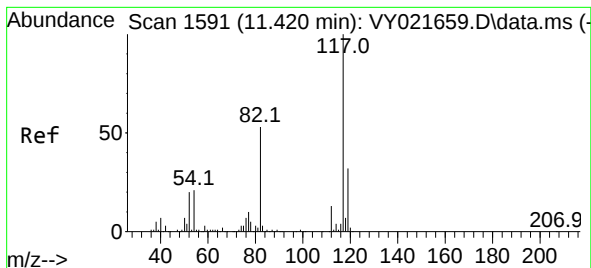
Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.8

176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

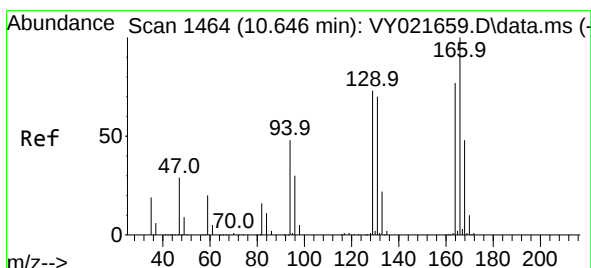
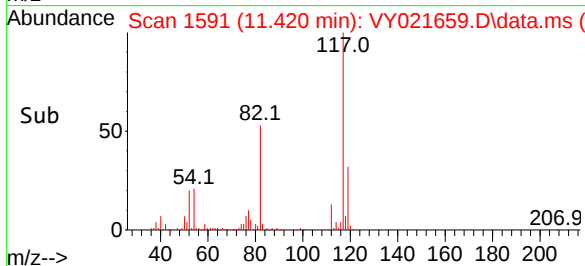
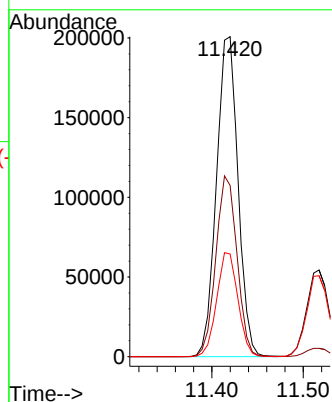
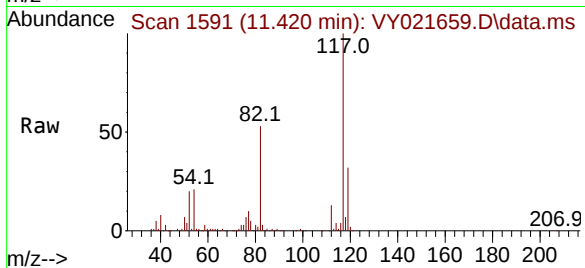
Tgt Ion:117 Resp: 329626

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 49.288 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:164 Resp: 147971

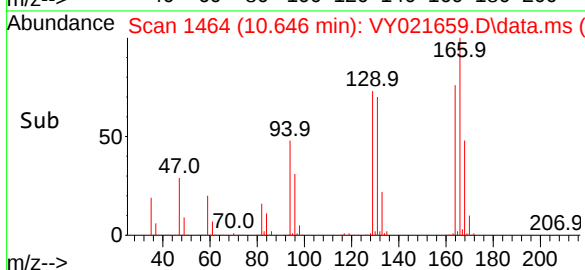
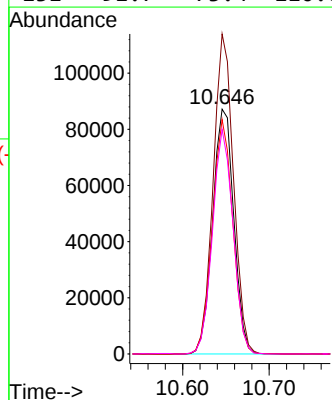
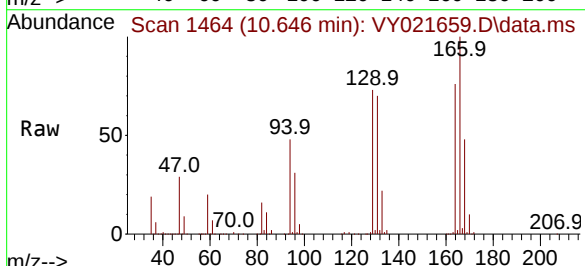
Ion Ratio Lower Upper

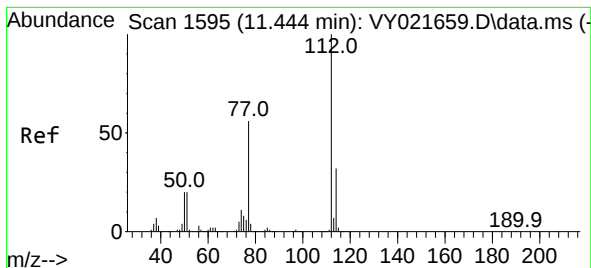
164 100

166 130.7 104.6 156.8

129 95.7 76.6 114.8

131 91.7 73.4 110.0





#65

Chlorobenzene

Concen: 50.378 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

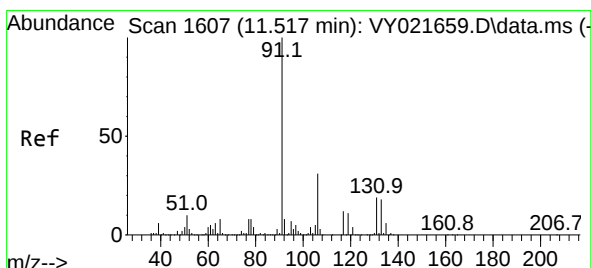
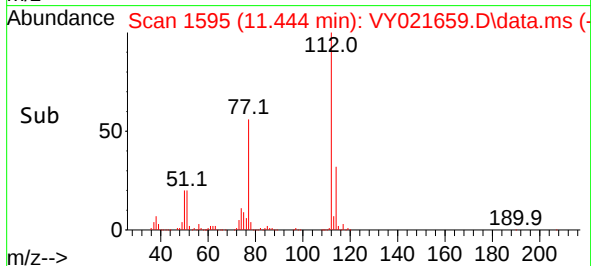
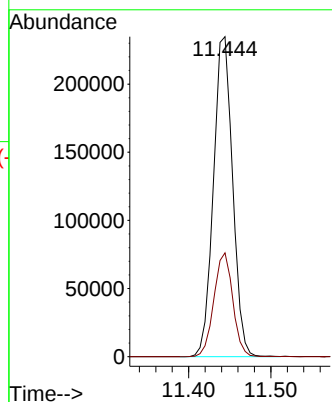
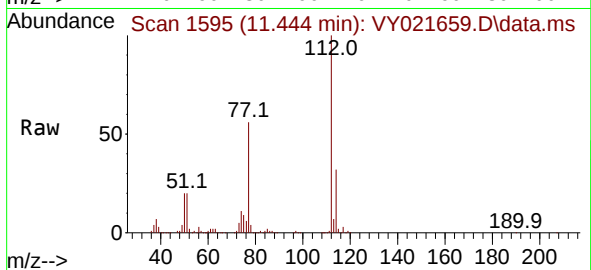
VSTDICCC050

Tgt Ion:112 Resp: 380661

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.602 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

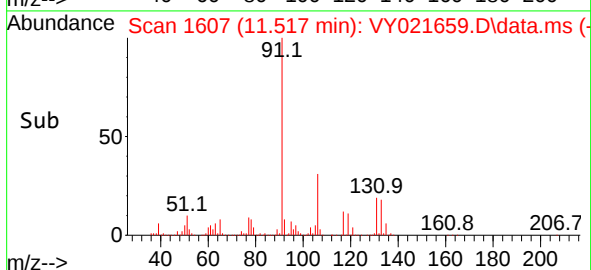
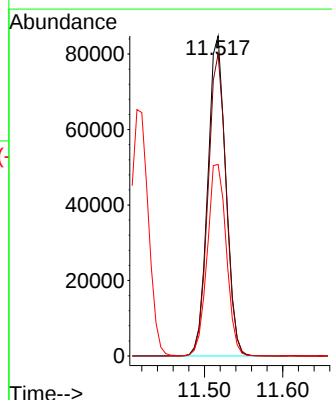
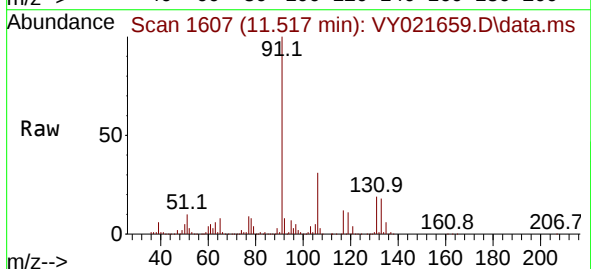
Tgt Ion:131 Resp: 135660

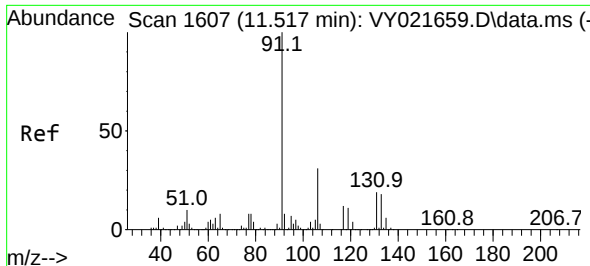
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 63.3 31.6 95.0

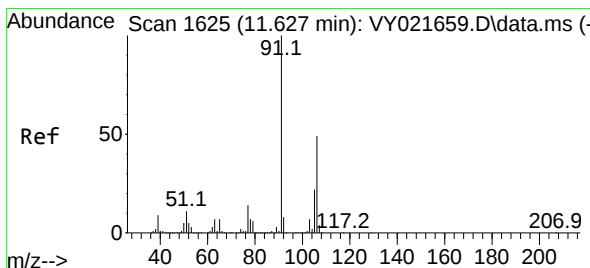
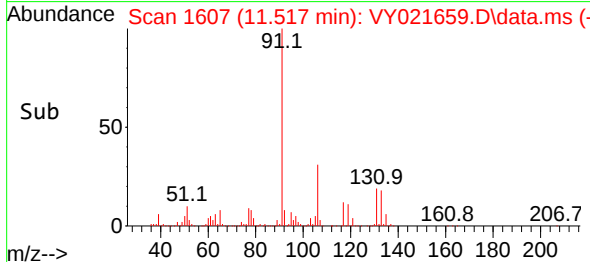
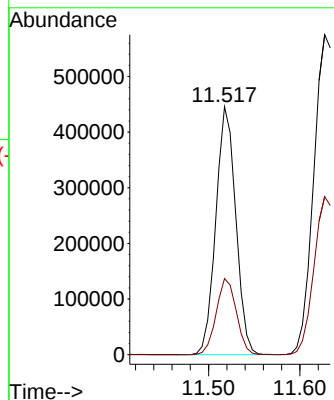
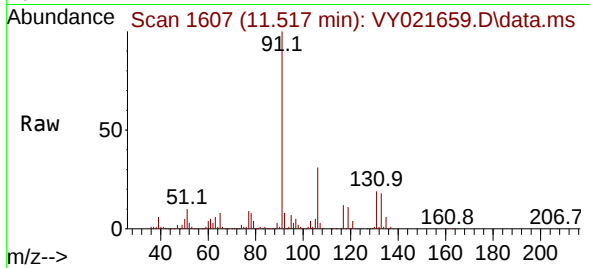




#67
Ethyl Benzene
Concen: 52.188 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

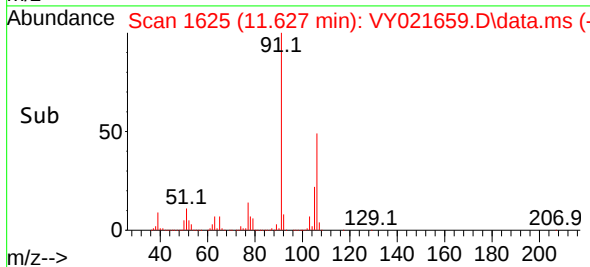
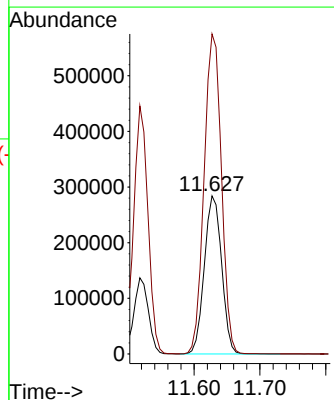
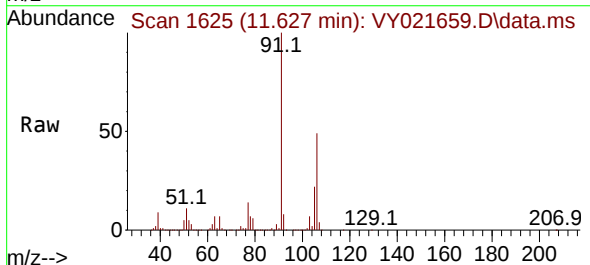
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

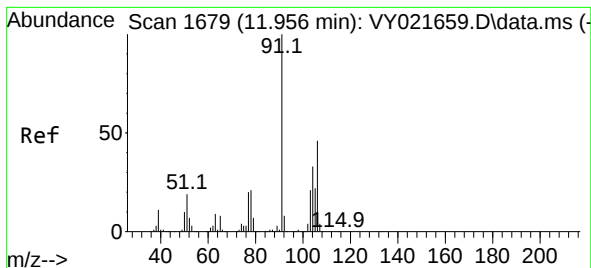
Tgt Ion: 91 Resp: 676205
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 104.634 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 106 Resp: 519154
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6





#69

o-Xylene

Concen: 53.135 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

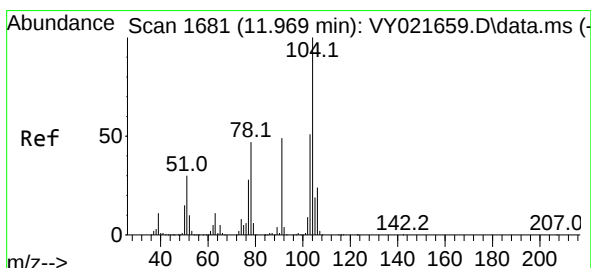
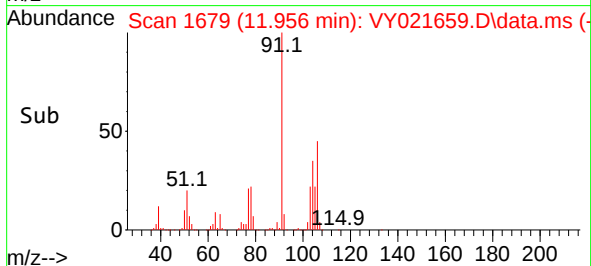
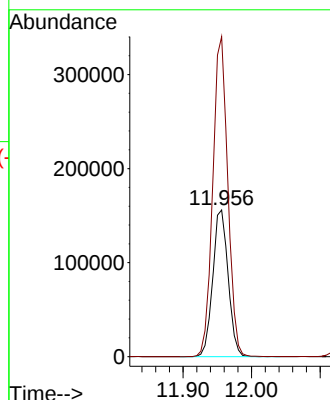
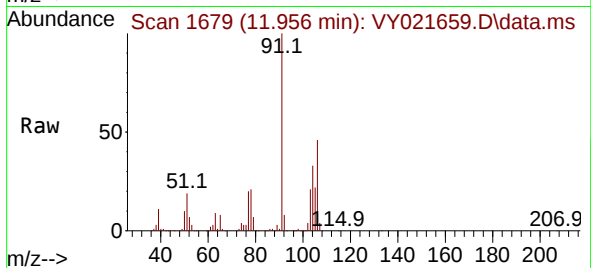
VSTDICCC050

Tgt Ion:106 Resp: 243359

Ion Ratio Lower Upper

106 100

91 213.3 106.7 319.9



#70

Styrene

Concen: 53.195 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

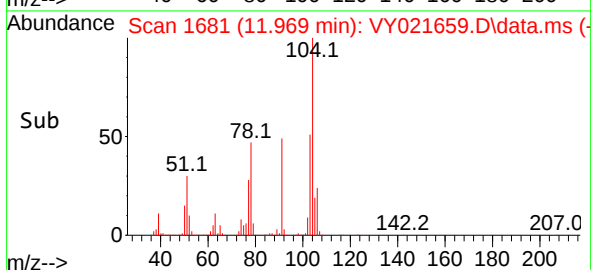
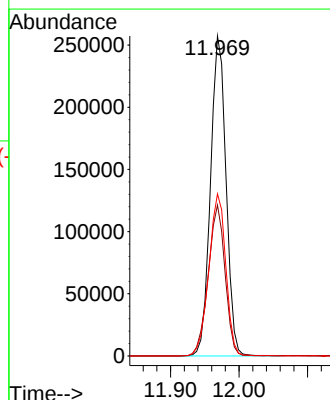
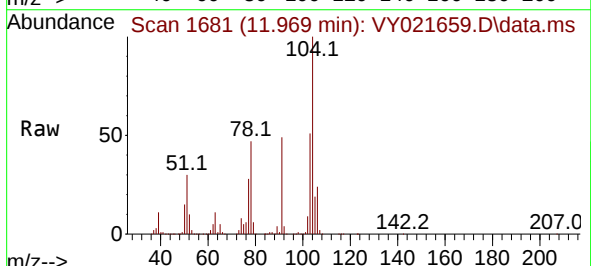
Tgt Ion:104 Resp: 406215

Ion Ratio Lower Upper

104 100

78 51.0 40.8 61.2

103 55.2 44.2 66.2





#71

Bromoform

Concen: 51.140 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

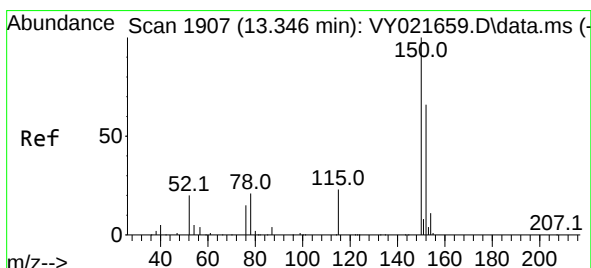
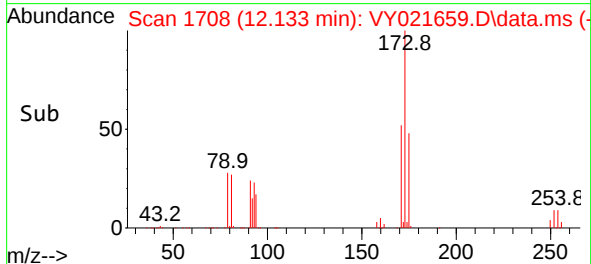
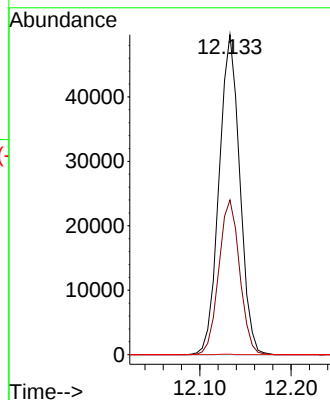
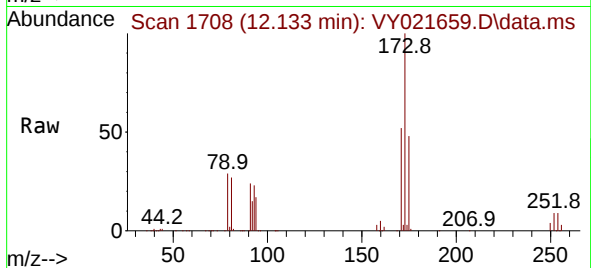
Tgt Ion:173 Resp: 78206

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

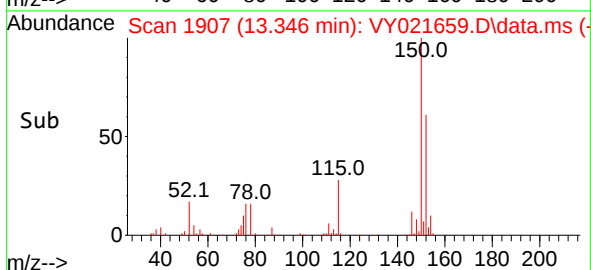
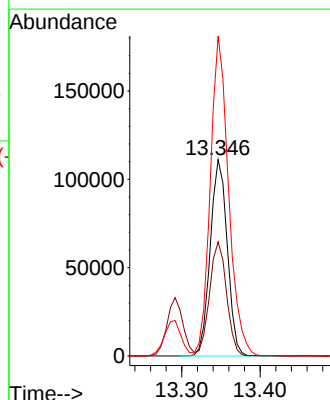
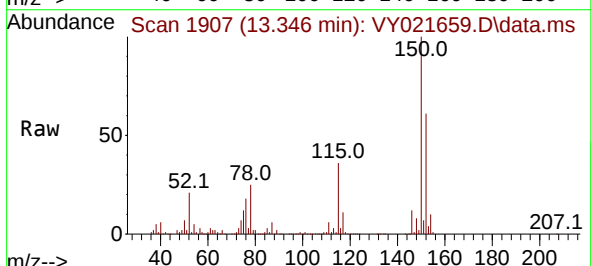
Tgt Ion:152 Resp: 167924

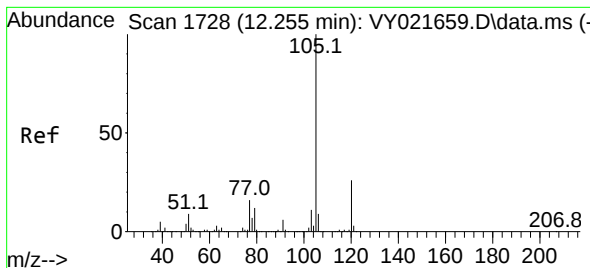
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 174.2 0.0 348.4





#73

Isopropylbenzene

Concen: 51.505 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

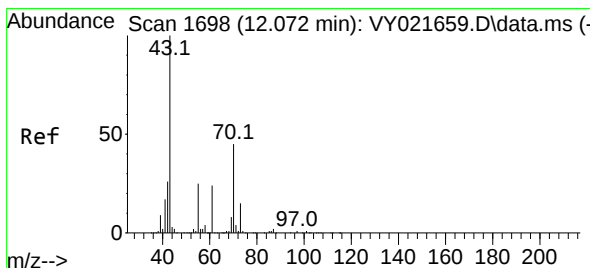
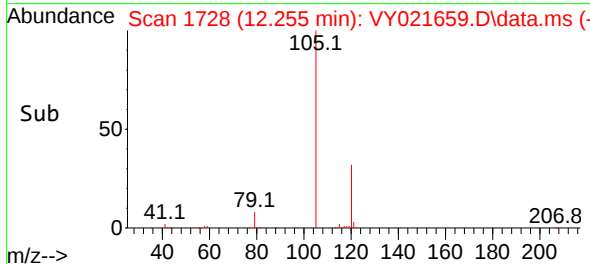
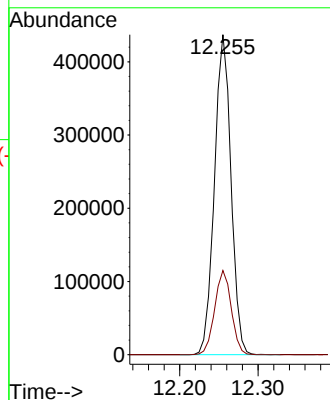
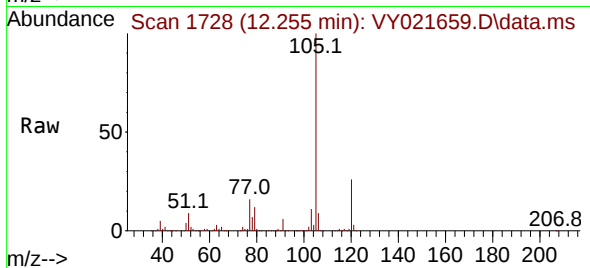
VSTDICCC050

Tgt Ion:105 Resp: 642393

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 52.630 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion: 43 Resp: 154054

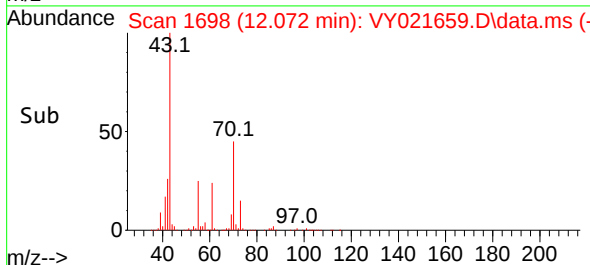
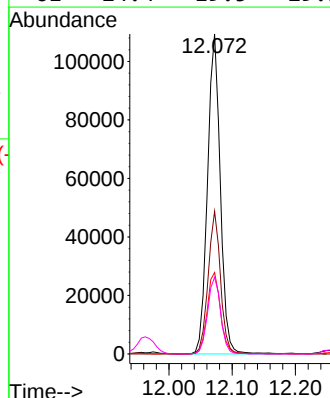
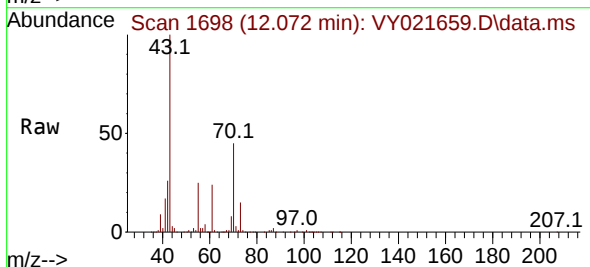
Ion Ratio Lower Upper

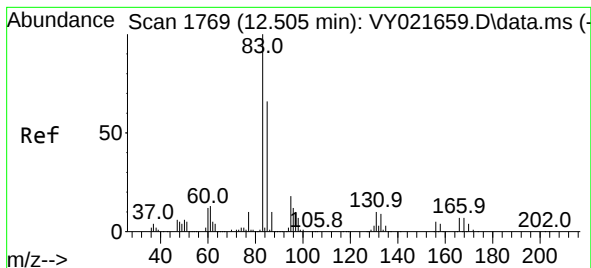
43 100

70 43.4 34.7 52.1

55 26.5 21.2 31.8

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.185 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

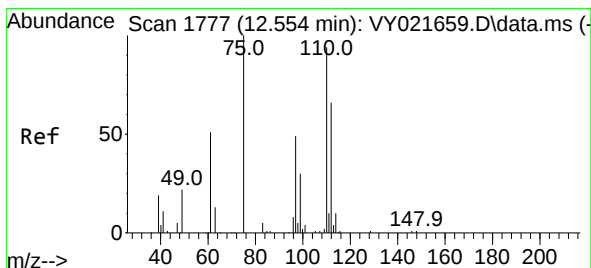
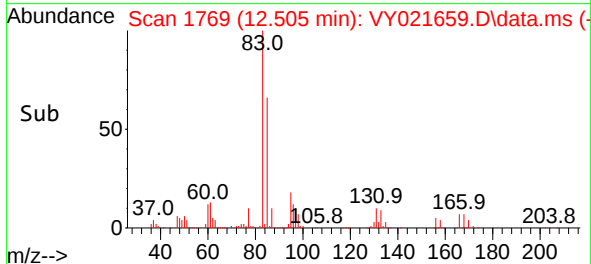
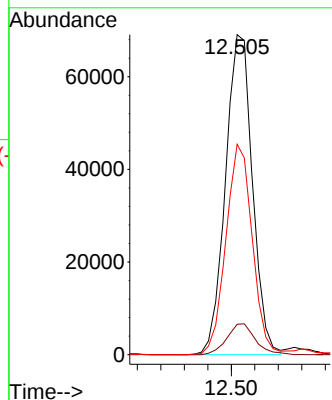
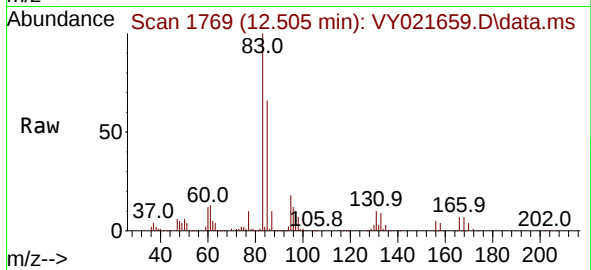
Tgt Ion: 83 Resp: 110292

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 88.688 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021659.D

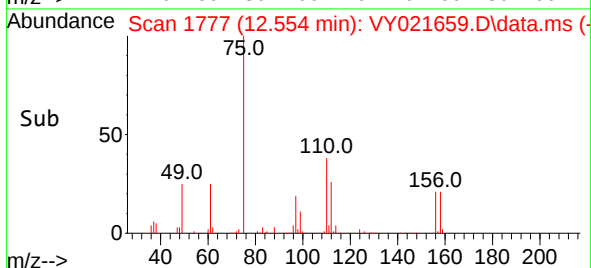
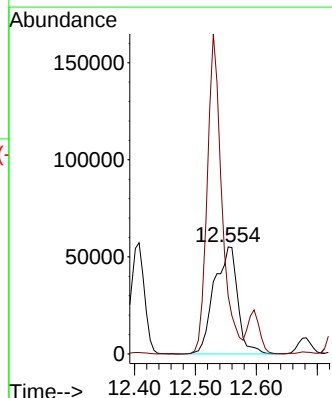
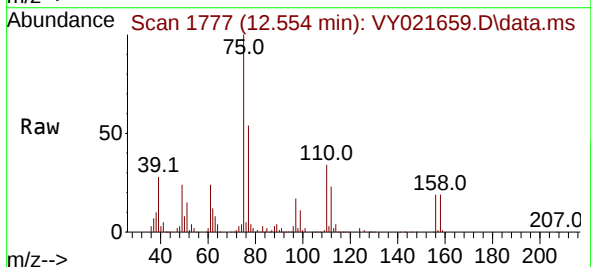
Acq: 27 Mar 2025 11:16

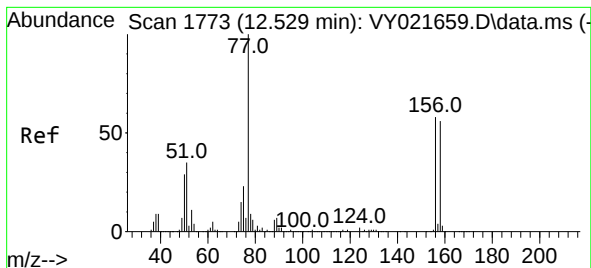
Tgt Ion: 75 Resp: 147626

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.864 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

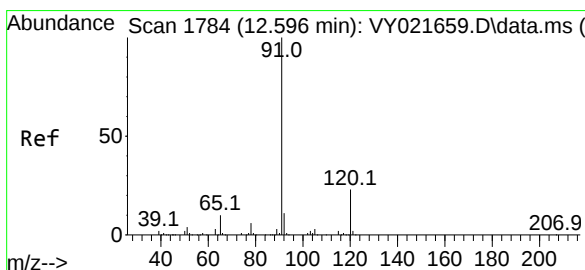
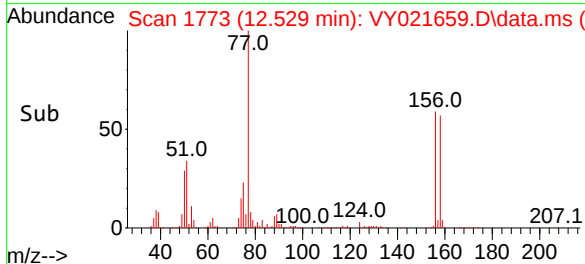
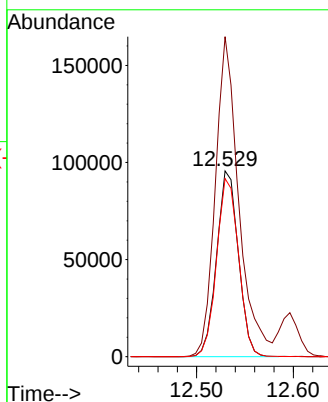
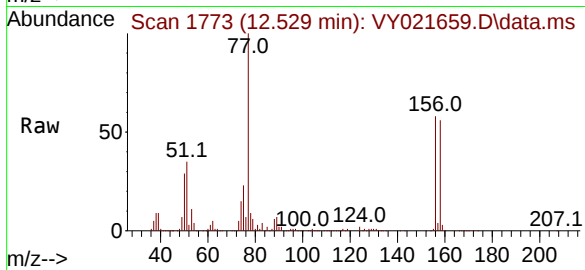
Tgt Ion:156 Resp: 149323

Ion Ratio Lower Upper

156 100

77 185.5 92.8 278.3

158 97.1 48.5 145.6



#78

n-propylbenzene

Concen: 51.702 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021659.D

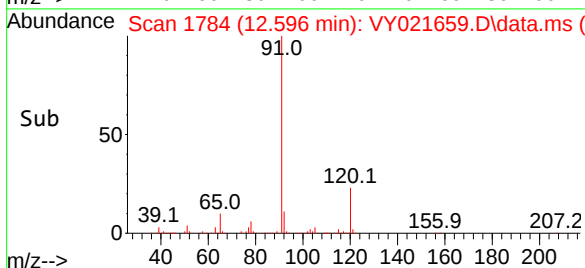
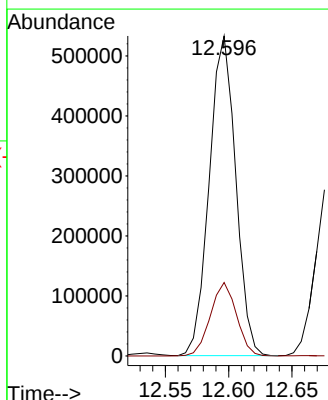
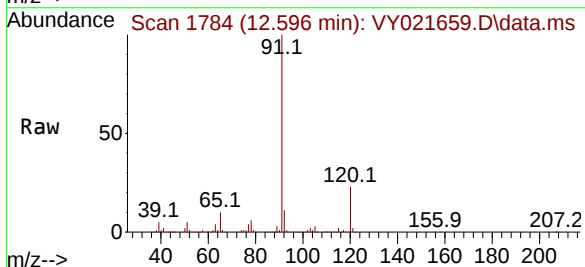
Acq: 27 Mar 2025 11:16

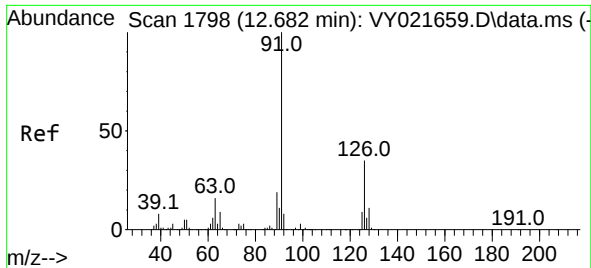
Tgt Ion: 91 Resp: 775252

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

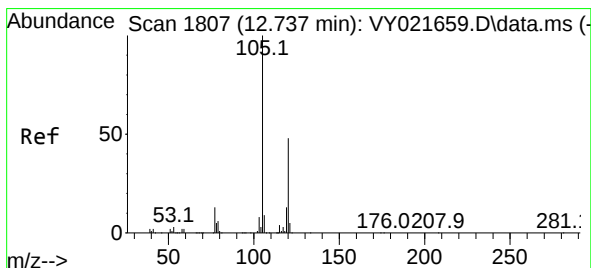
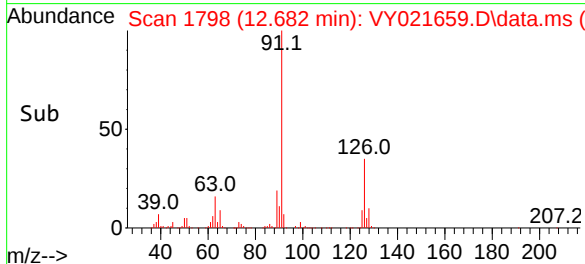
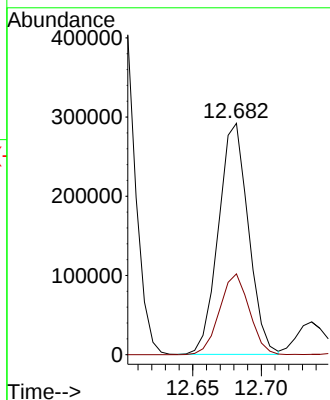
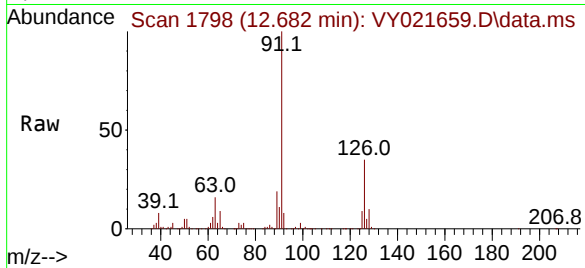




#79
2-Chlorotoluene
Concen: 51.001 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

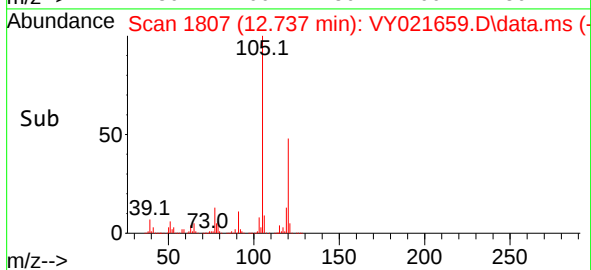
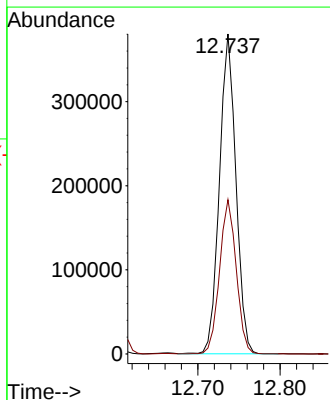
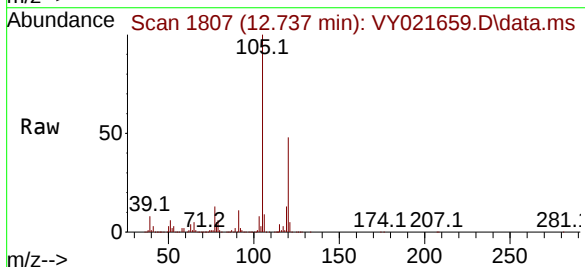
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

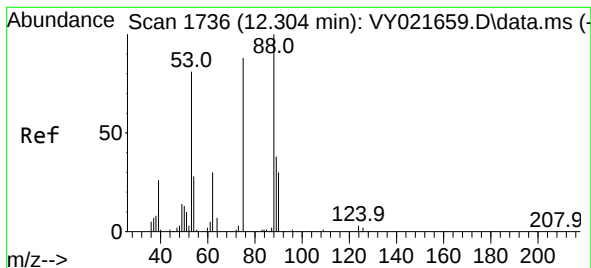
Tgt Ion: 91 Resp: 444178
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 51.839 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 105 Resp: 528425
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

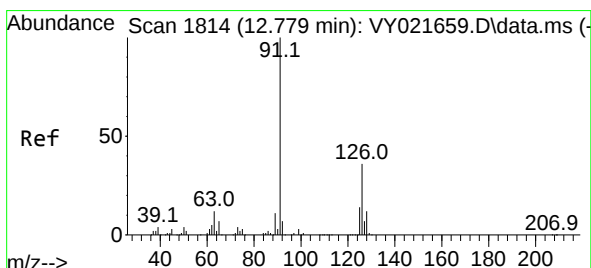
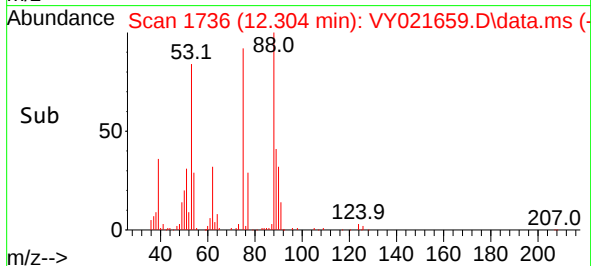
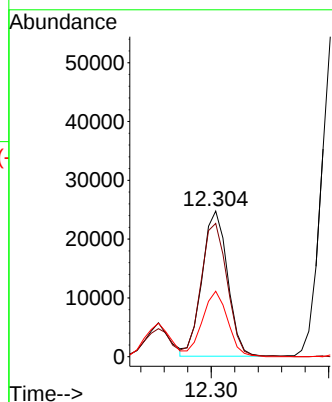
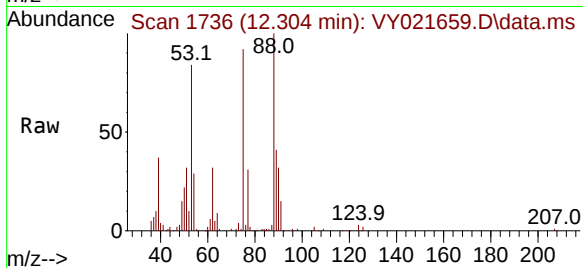




#81
trans-1,4-Dichloro-2-butene
Concen: 51.550 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

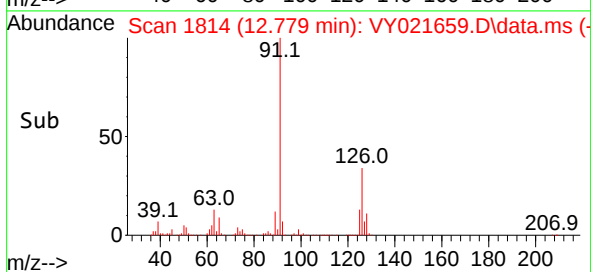
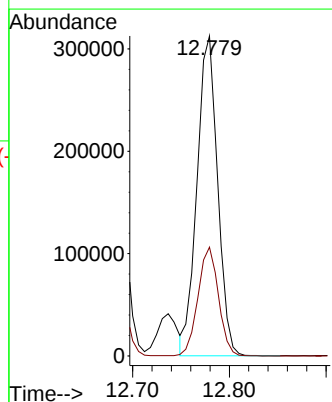
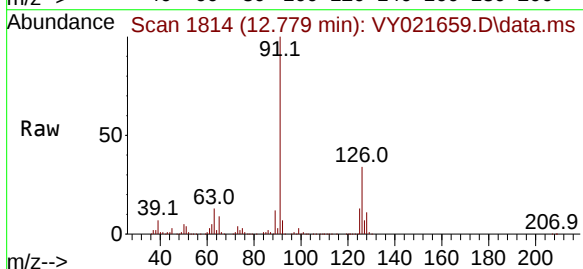
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

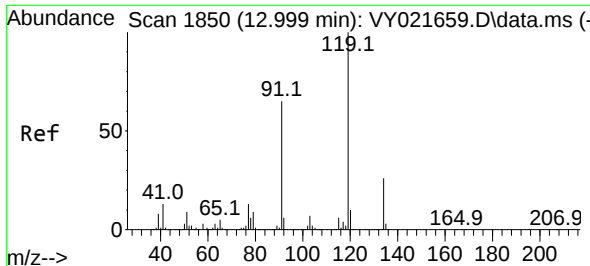
Tgt Ion: 75 Resp: 37240
Ion Ratio Lower Upper
75 100
53 95.1 76.1 114.1
89 45.3 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.995 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 91 Resp: 463024
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

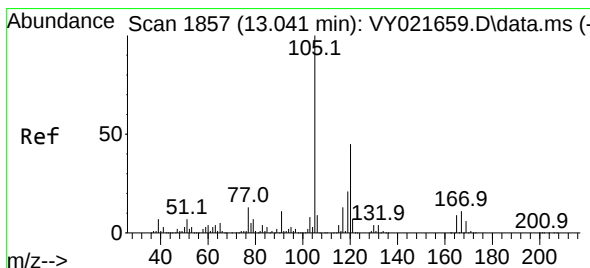
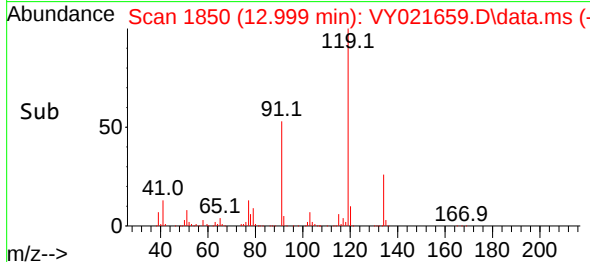
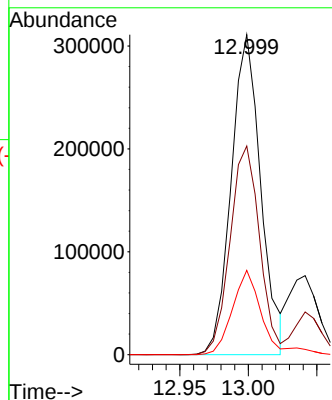
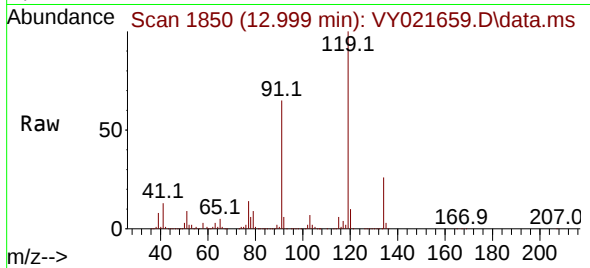




#83
tert-Butylbenzene
Concen: 51.541 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

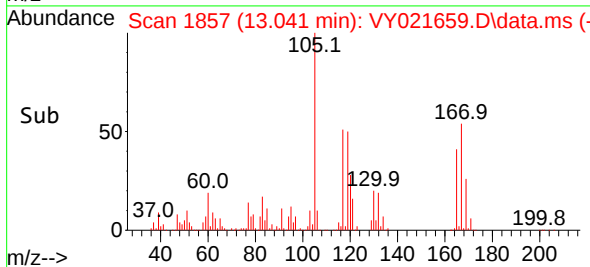
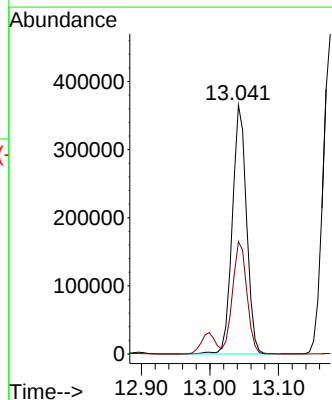
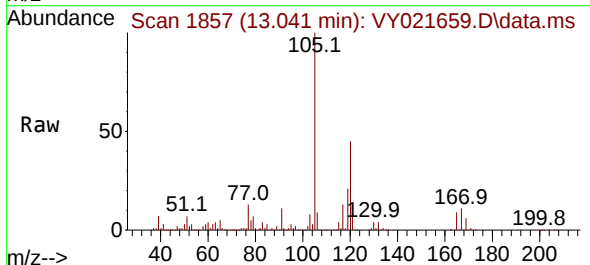
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

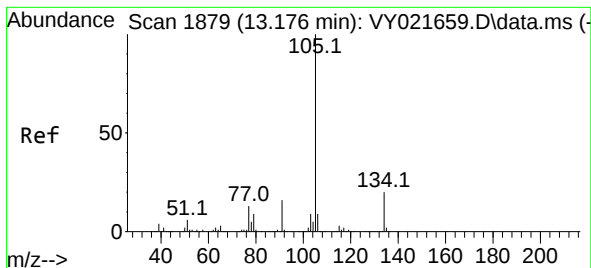
Tgt Ion:119 Resp: 467961
Ion Ratio Lower Upper
119 100
91 65.1 32.6 97.7
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.248 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion:105 Resp: 526387
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.820 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

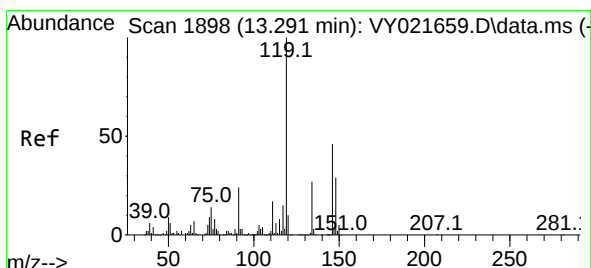
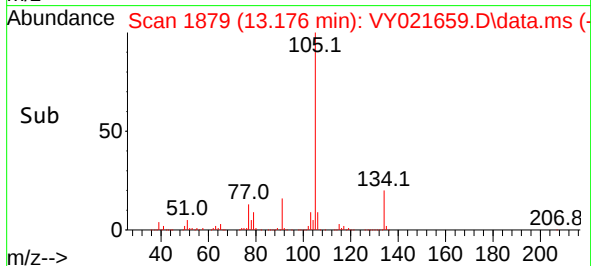
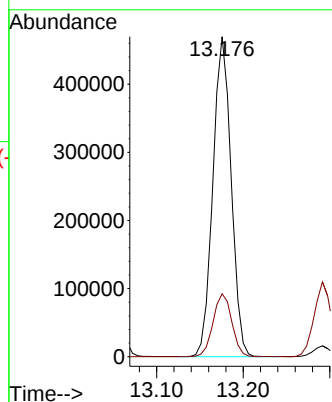
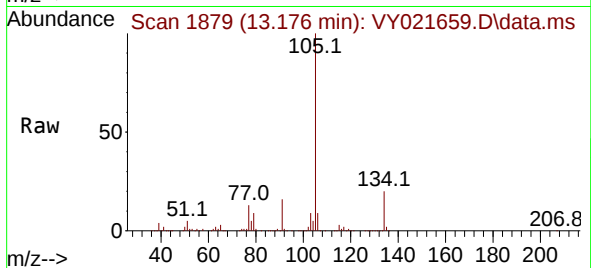
VSTDICCC050

Tgt Ion:105 Resp: 687573

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.525 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

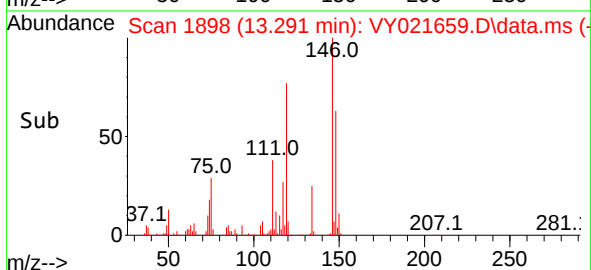
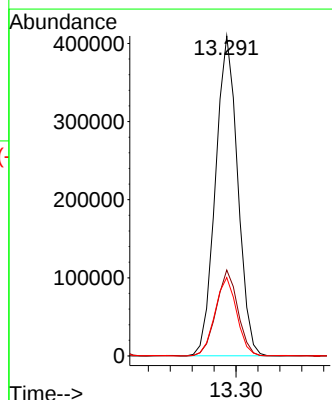
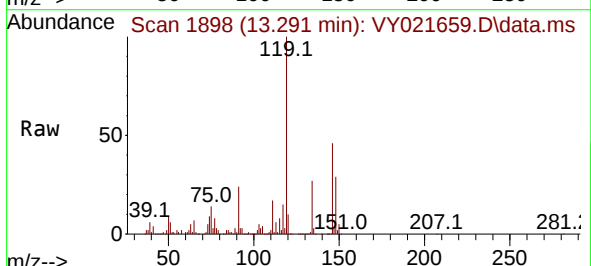
Tgt Ion:119 Resp: 576012

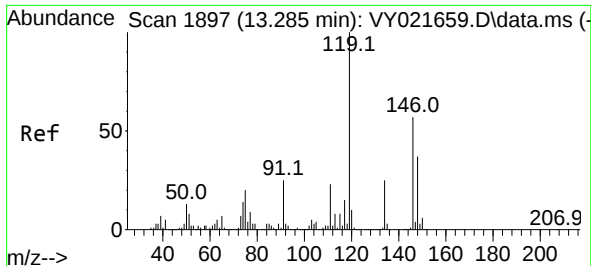
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.0 12.0 36.0

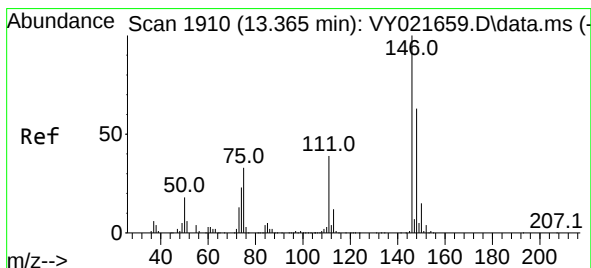
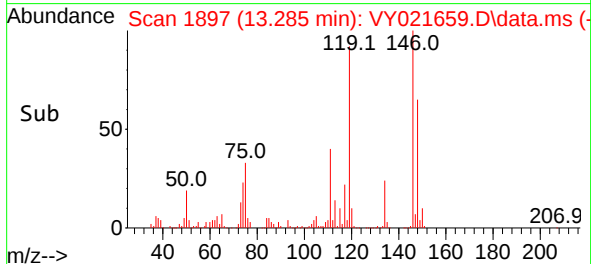
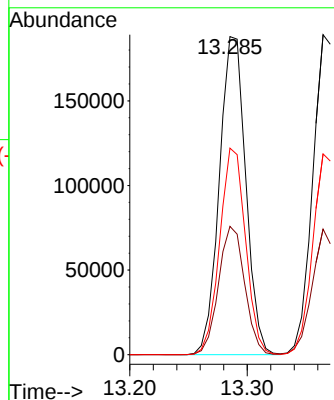
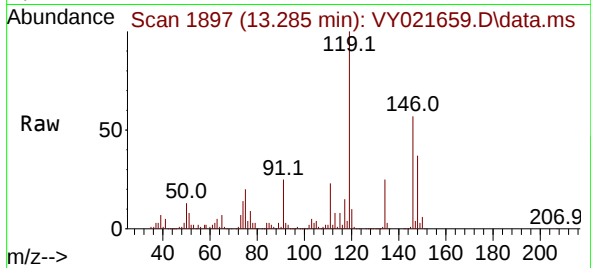




#87
 1,3-Dichlorobenzene
 Concen: 49.752 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

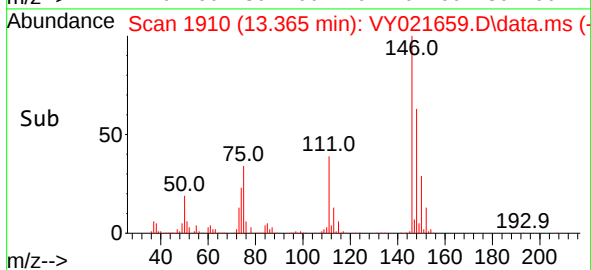
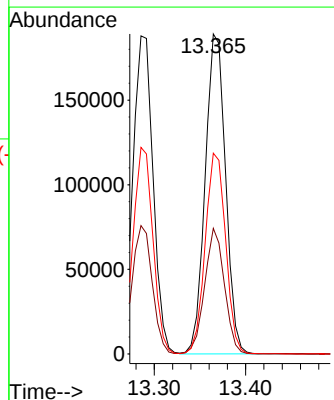
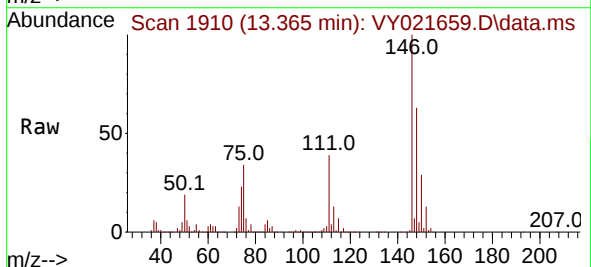
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

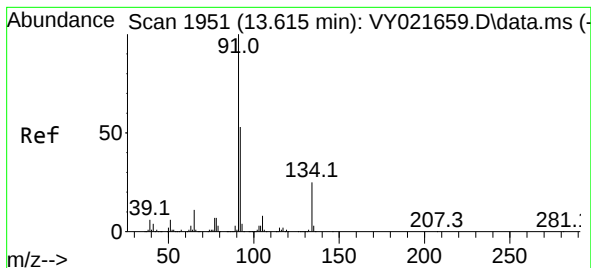
Tgt Ion:146 Resp: 293534
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.147 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021659.D
 Acq: 27 Mar 2025 11:16

Tgt Ion:146 Resp: 292315
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 52.544 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

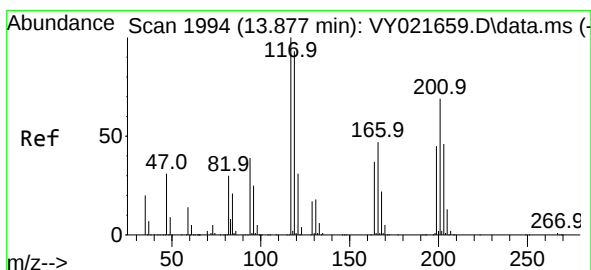
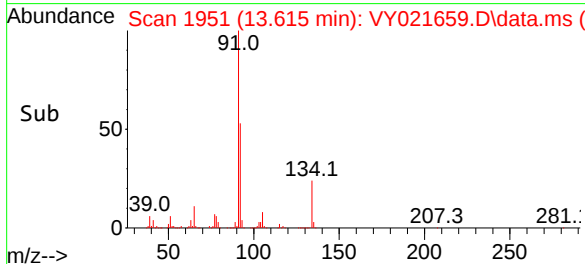
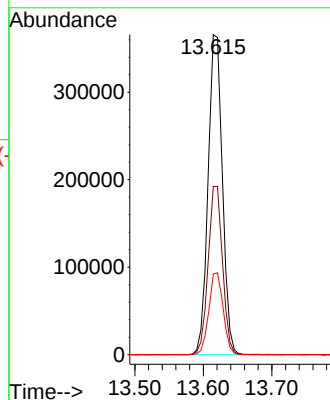
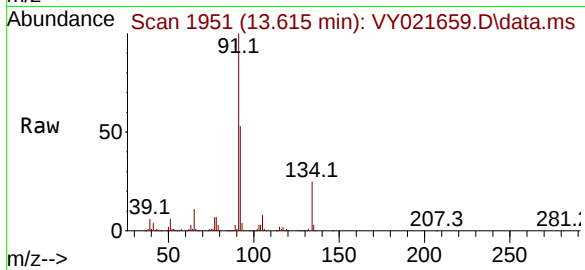
Tgt Ion: 91 Resp: 532897

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 49.396 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021659.D

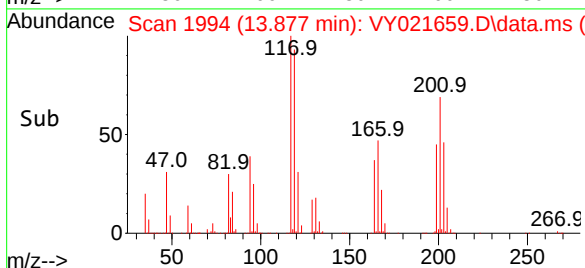
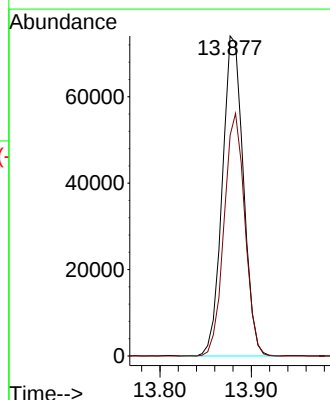
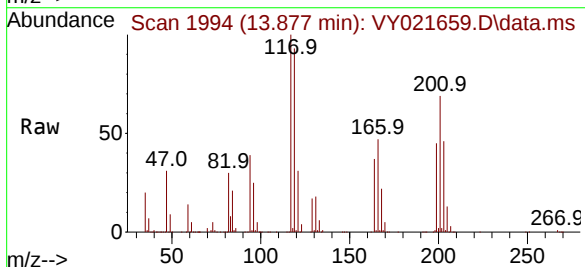
Acq: 27 Mar 2025 11:16

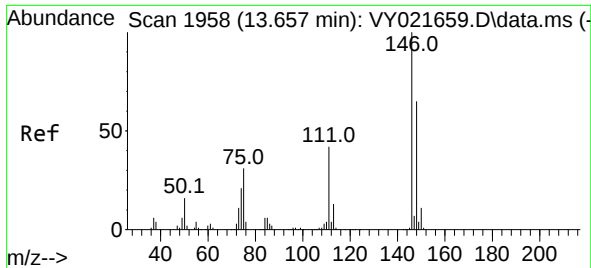
Tgt Ion: 117 Resp: 118708

Ion Ratio Lower Upper

117 100

201 74.7 37.4 112.1

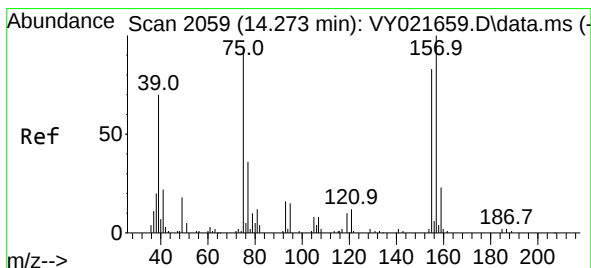
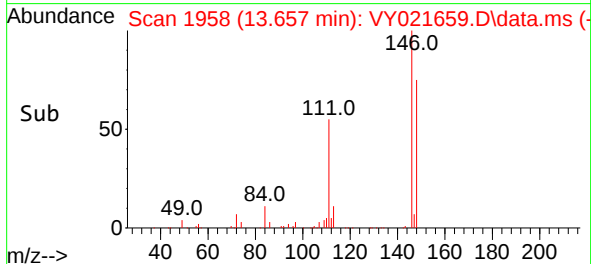
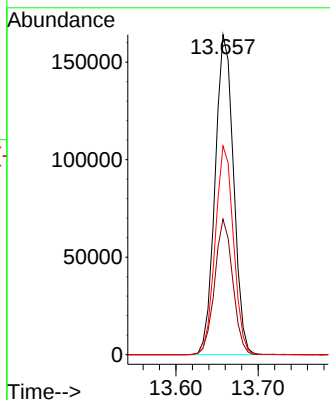
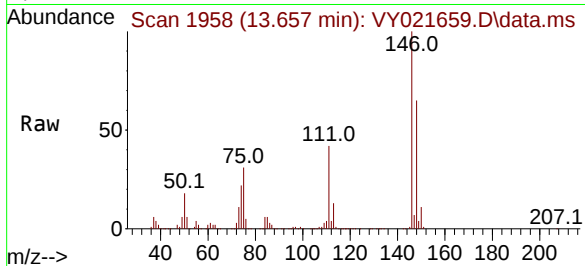




#91
1,2-Dichlorobenzene
Concen: 49.821 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

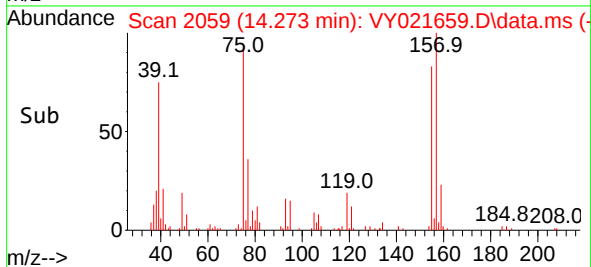
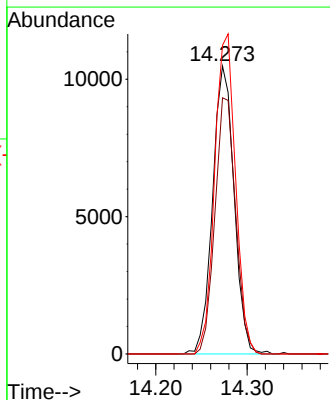
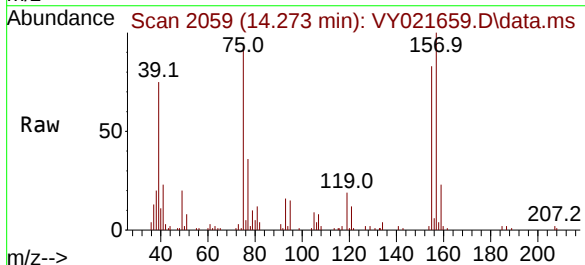
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

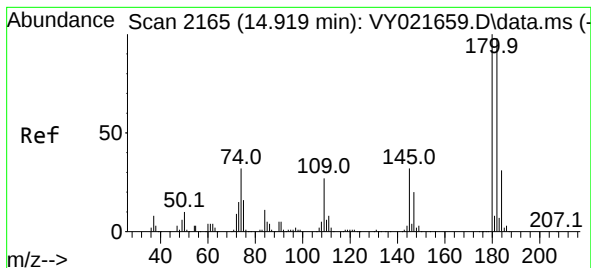
Tgt Ion:146 Resp: 255877
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.268 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021659.D
Acq: 27 Mar 2025 11:16

Tgt Ion: 75 Resp: 17123
Ion Ratio Lower Upper
75 100
155 85.9 43.0 128.8
157 108.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.935 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

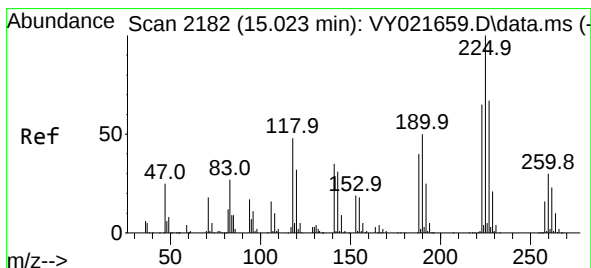
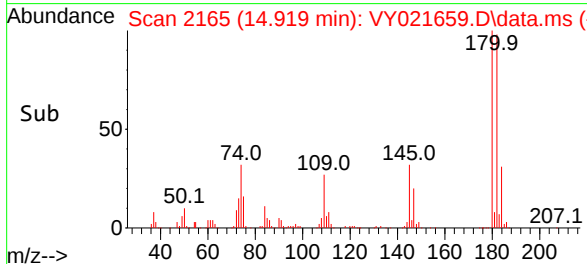
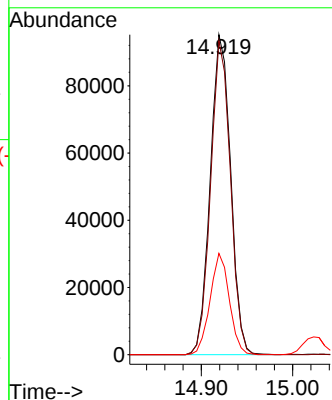
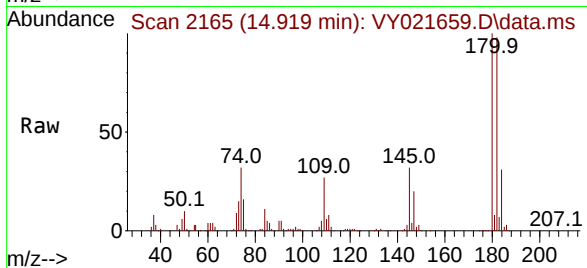
Tgt Ion:180 Resp: 147434

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 50.642 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

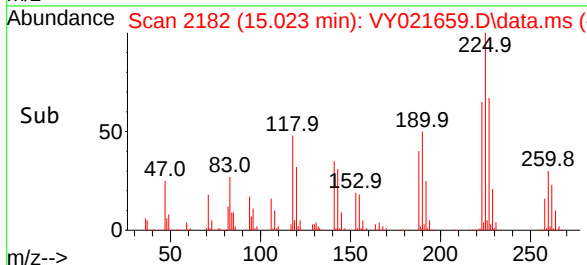
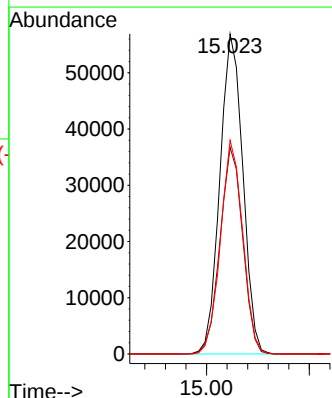
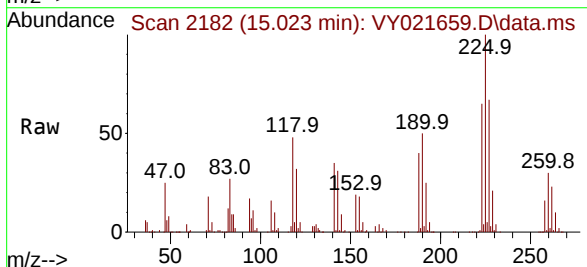
Tgt Ion:225 Resp: 88090

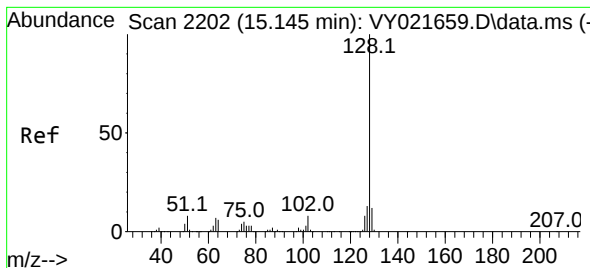
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 54.848 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

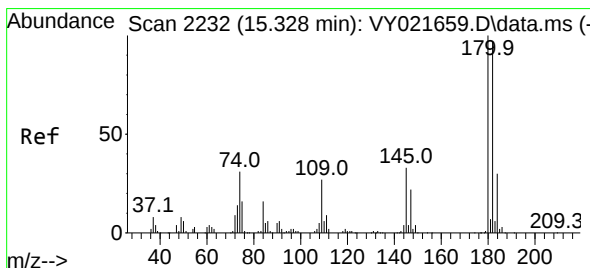
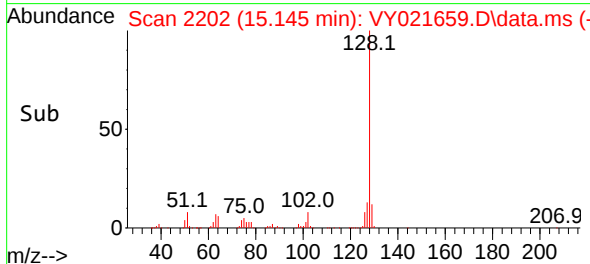
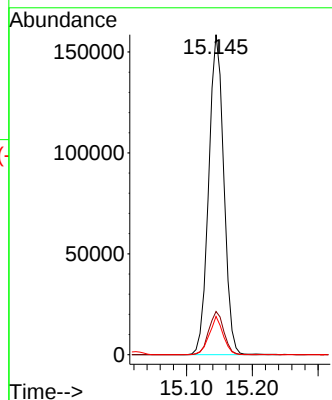
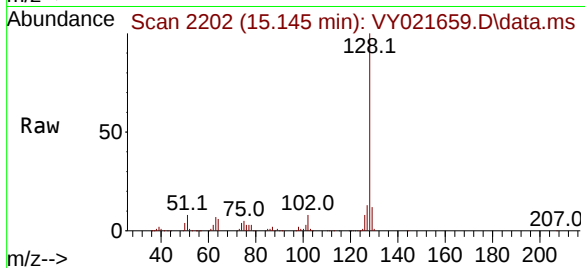
Tgt Ion:128 Resp: 253209

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.754 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021659.D

Acq: 27 Mar 2025 11:16

Tgt Ion:180 Resp: 125294

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 31.8 15.9 47.7

