

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021682.D
 Acq On : 28 Mar 2025 10:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 23:38:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	207038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	329996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	297102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	124192	55.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.720%	
35) Dibromofluoromethane	7.634	113	118517	55.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.740%	
50) Toluene-d8	10.103	98	453542	55.693	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.380%	
62) 4-Bromofluorobenzene	12.408	95	154098	55.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.880%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.861	85	109809	51.172	ug/l 98
3) Chloromethane	2.068	50	169294	56.105	ug/l 99
4) Vinyl Chloride	2.202	62	189598	55.561	ug/l 100
5) Bromomethane	2.592	94	123898	53.234	ug/l 94
6) Chloroethane	2.733	64	125527	56.216	ug/l 99
7) Trichlorofluoromethane	3.056	101	246236	56.329	ug/l 96
8) Diethyl Ether	3.452	74	60717	51.075	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.812	101	119672	51.906	ug/l 99
10) Methyl Iodide	4.001	142	143093	56.574	ug/l 99
11) Tert butyl alcohol	4.854	59	36916	253.367	ug/l 100
12) 1,1-Dichloroethene	3.787	96	115949	53.393	ug/l 94
13) Acrolein	3.647	56	63440	238.457	ug/l 98
14) Allyl chloride	4.385	41	188500	54.441	ug/l 98
15) Acrylonitrile	5.049	53	137218	276.449	ug/l 99
16) Acetone	3.860	43	104592	227.823	ug/l 99
17) Carbon Disulfide	4.104	76	391341	54.712	ug/l 98
18) Methyl Acetate	4.385	43	67250	59.104	ug/l 98
19) Methyl tert-butyl Ether	5.110	73	295942	54.737	ug/l 98
20) Methylene Chloride	4.610	84	129983	58.520	ug/l 98
21) trans-1,2-Dichloroethene	5.110	96	132113	55.253	ug/l 96
22) Diisopropyl ether	6.012	45	413432	56.920	ug/l 99
23) Vinyl Acetate	5.958	43	1188514	279.709	ug/l 99
24) 1,1-Dichloroethane	5.915	63	239377	55.116	ug/l 99
25) 2-Butanone	6.890	43	173603	264.748	ug/l 97
26) 2,2-Dichloropropane	6.884	77	206630	53.485	ug/l 100
27) cis-1,2-Dichloroethene	6.890	96	149919	55.755	ug/l 99
28) Bromochloromethane	7.244	49	102693	56.065	ug/l 99
29) Tetrahydrofuran	7.256	42	117791	279.112	ug/l 99
30) Chloroform	7.415	83	249427	55.216	ug/l 99
31) Cyclohexane	7.695	56	204076	51.546	ug/l 99
32) 1,1,1-Trichloroethane	7.616	97	220282	53.954	ug/l 99
36) 1,1-Dichloropropene	7.829	75	176871	54.246	ug/l 99
37) Ethyl Acetate	6.976	43	82837	53.833	ug/l 98
38) Carbon Tetrachloride	7.817	117	200576	53.710	ug/l 100
39) Methylcyclohexane	9.109	83	208666	53.572	ug/l 99
40) Benzene	8.073	78	540985	55.404	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	40336	49.359	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	148955	54.112	ug/l	99
43) Isopropyl Acetate	8.195	43	156172	53.555	ug/l	98
44) Trichloroethene	8.859	130	132362	53.202	ug/l	97
45) 1,2-Dichloropropane	9.140	63	128300	55.510	ug/l	99
46) Dibromomethane	9.231	93	73338	55.056	ug/l	98
47) Bromodichloromethane	9.420	83	189589	54.928	ug/l	99
48) Methyl methacrylate	9.219	41	76952	57.497	ug/l	96
49) 1,4-Dioxane	9.225	88	16139	1130.995	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	427715	281.850	ug/l	100
52) Toluene	10.170	92	342904	56.286	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	171485	55.935	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	198200	54.800	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	94766	55.283	ug/l	97
56) Ethyl methacrylate	10.438	69	125088	57.148	ug/l	99
57) 1,3-Dichloropropane	10.713	76	164067	55.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	302761	283.541	ug/l	100
59) 2-Hexanone	10.762	43	287407	284.379	ug/l	100
60) Dibromochloromethane	10.908	129	130245	55.650	ug/l	100
61) 1,2-Dibromoethane	11.012	107	88530	55.054	ug/l	99
64) Tetrachloroethene	10.646	164	137772	50.915	ug/l	97
65) Chlorobenzene	11.438	112	366751	53.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	130891	54.168	ug/l	99
67) Ethyl Benzene	11.518	91	650861	55.731	ug/l	98
68) m/p-Xylenes	11.627	106	501735	112.193	ug/l	100
69) o-Xylene	11.950	106	231932	56.184	ug/l	99
70) Styrene	11.969	104	395829	57.510	ug/l	99
71) Bromoform	12.133	173	76504	55.504	ug/l #	99
73) Isopropylbenzene	12.255	105	614195	54.731	ug/l	99
74) N-amyl acetate	12.072	43	142513	54.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	106395	52.733	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	144418	96.427	ug/l #	100
77) Bromobenzene	12.530	156	145466	53.988	ug/l	99
78) n-propylbenzene	12.597	91	745971	55.292	ug/l	100
79) 2-Chlorotoluene	12.676	91	426370	54.411	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	510087	55.616	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	34191	52.602	ug/l	98
82) 4-Chlorotoluene	12.773	91	438952	53.730	ug/l	99
83) tert-Butylbenzene	12.999	119	447431	54.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	512202	56.504	ug/l	99
85) sec-Butylbenzene	13.176	105	653760	54.761	ug/l	100
86) p-Isopropyltoluene	13.292	119	546596	55.395	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	283551	53.415	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	281544	53.681	ug/l	99
89) n-Butylbenzene	13.615	91	498481	54.626	ug/l	100
90) Hexachloroethane	13.877	117	113745	52.605	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	250892	54.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16002	51.172	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	132935	53.047	ug/l	99
94) Hexachlorobutadiene	15.023	225	81130	51.838	ug/l	99
95) Naphthalene	15.145	128	233754	56.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	115735	54.158	ug/l	99

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

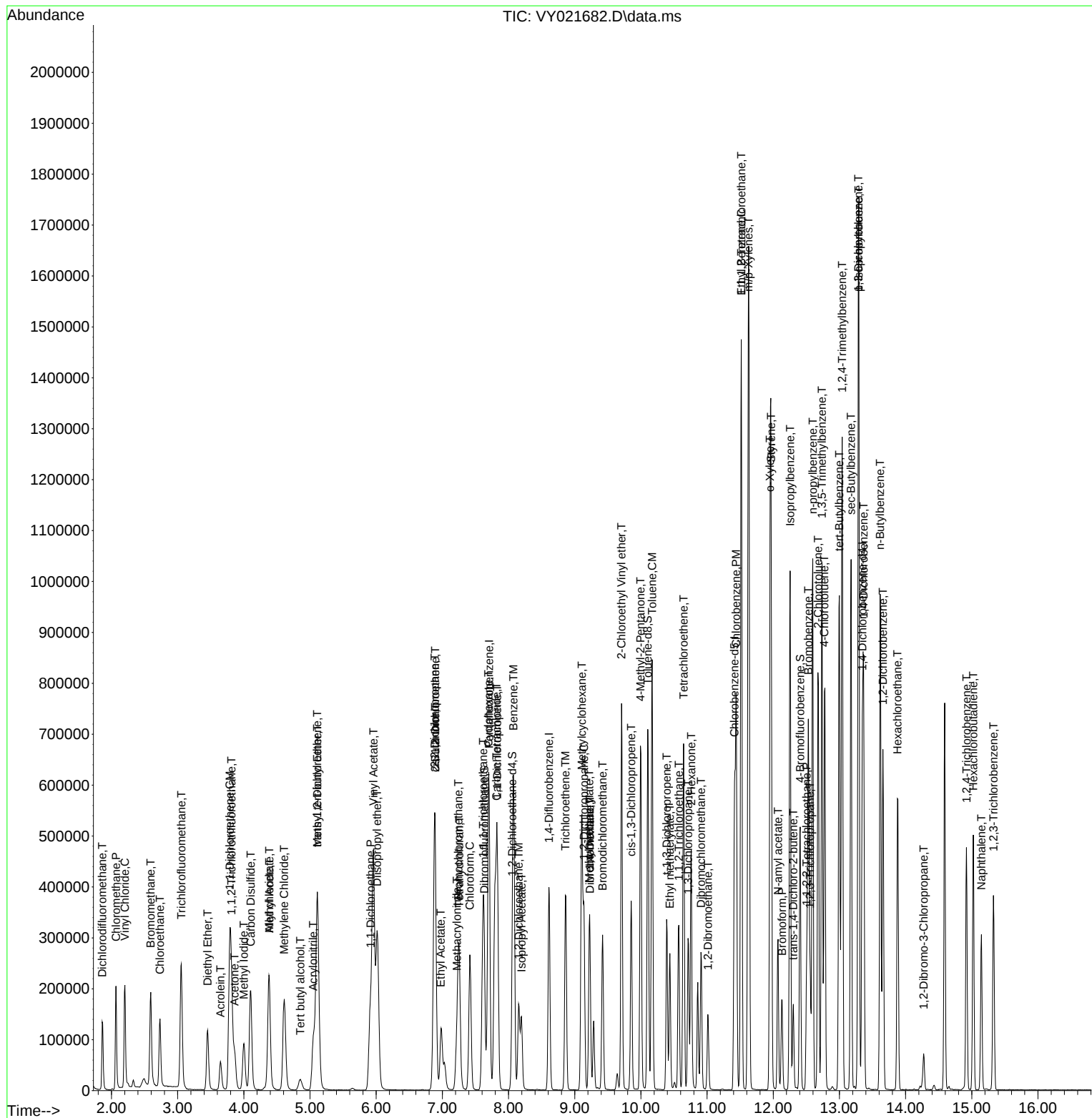
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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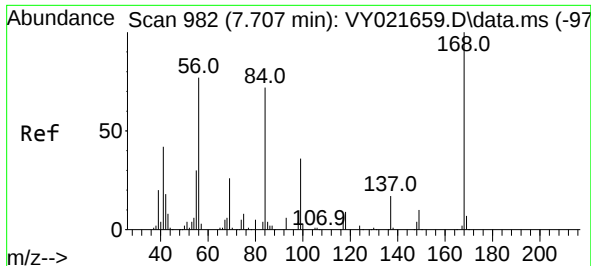
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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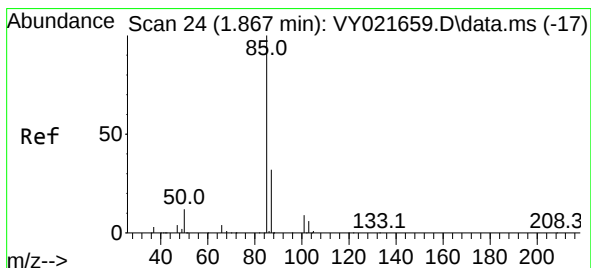
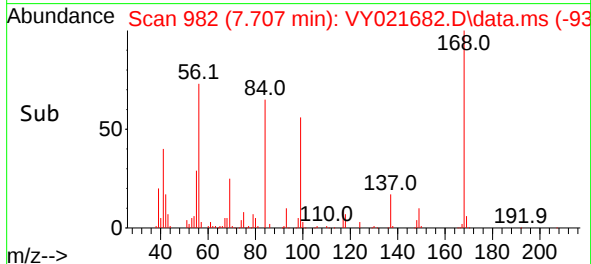
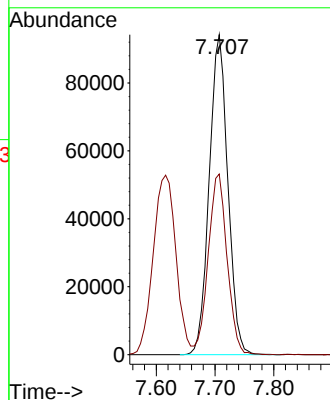
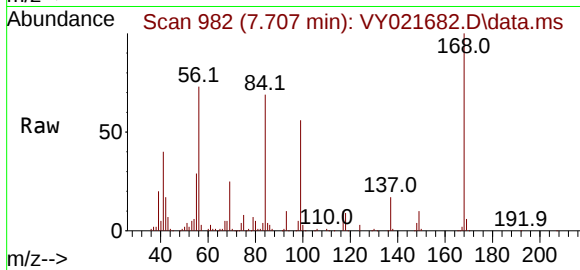




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021682.D
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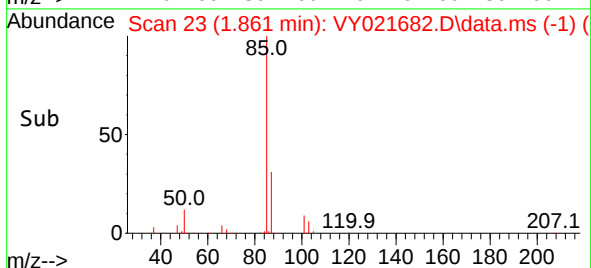
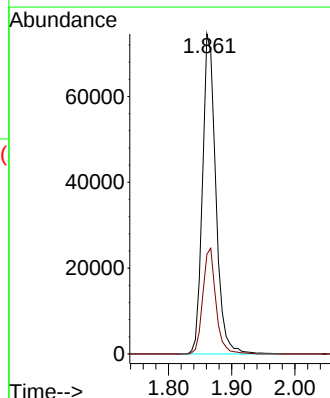
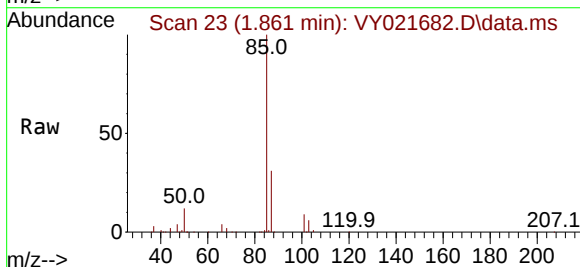
Instrument :
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ClientSampleId :
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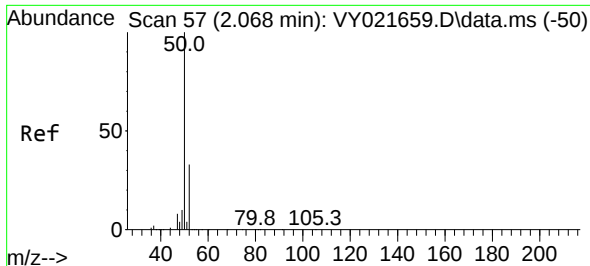
Tgt Ion:168 Resp: 207038
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 51.172 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 85 Resp: 109809
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6

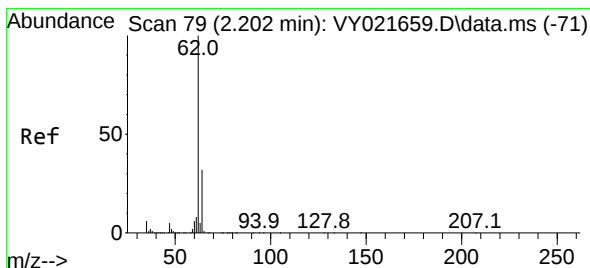
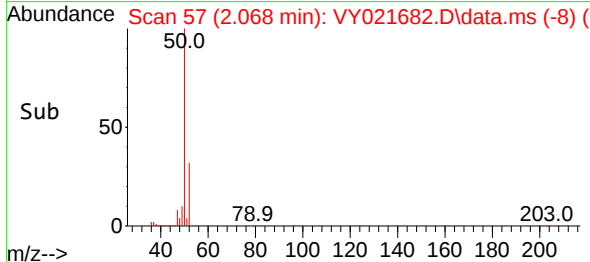
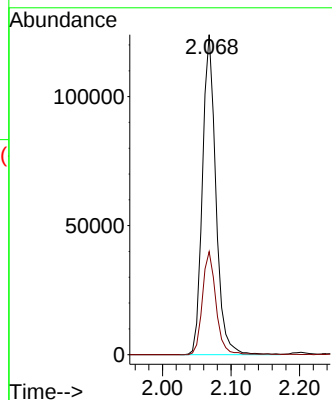
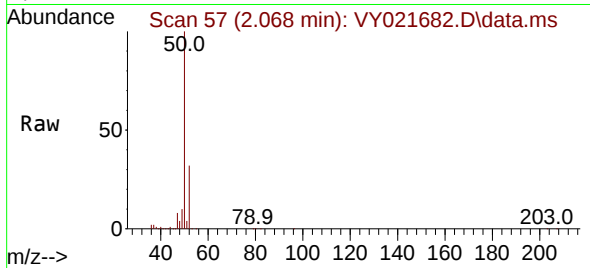




#3
Chloromethane
Concen: 56.105 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

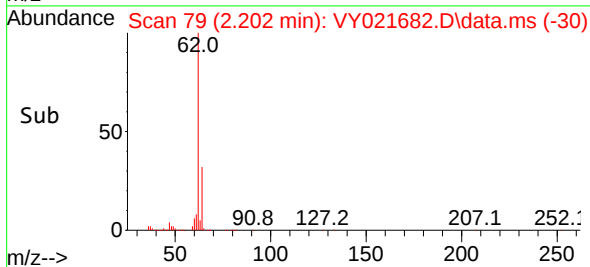
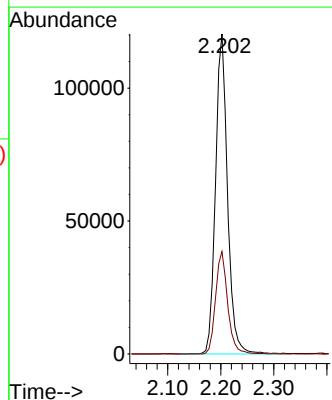
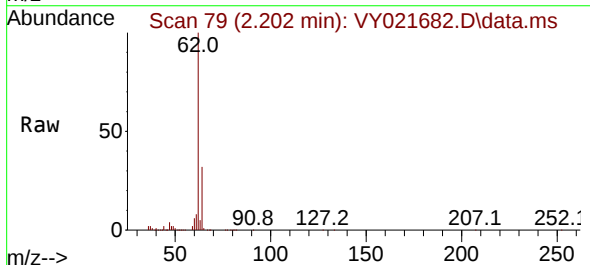
Instrument :
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ClientSampleId :
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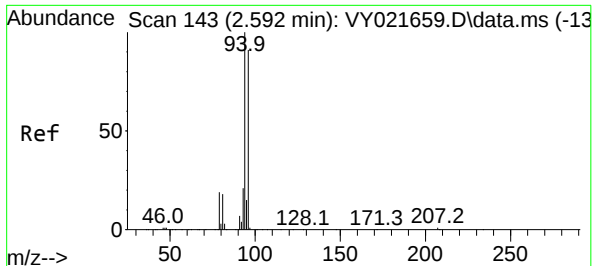
Tgt Ion: 50 Resp: 169294
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 55.561 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 62 Resp: 189598
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

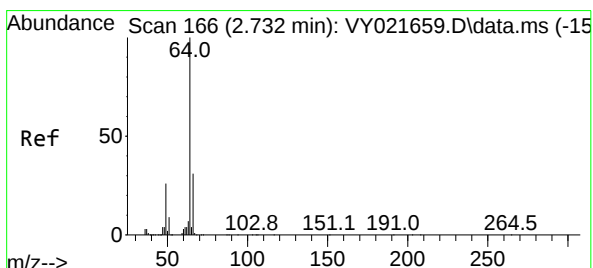
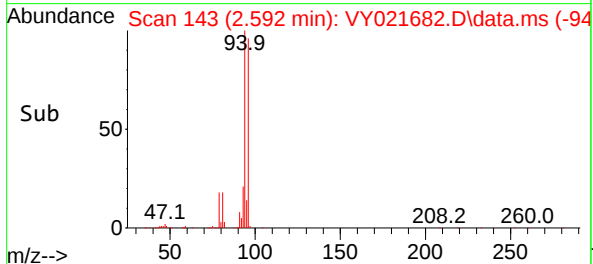
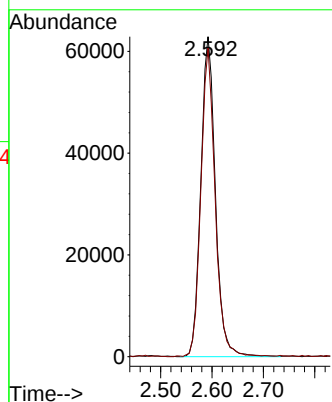
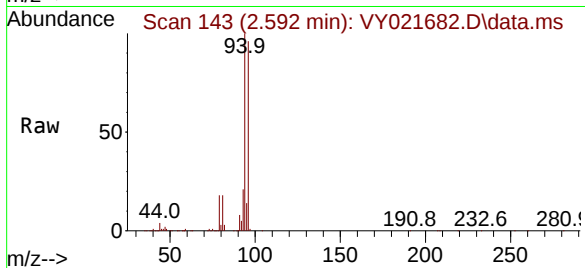




#5
Bromomethane
Concen: 53.234 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021682.D
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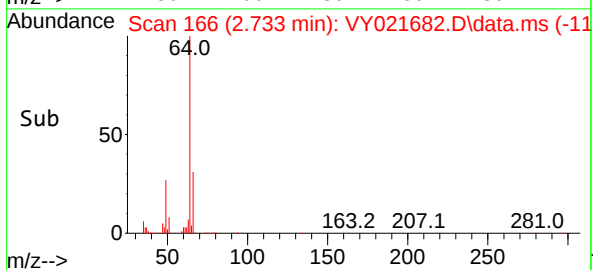
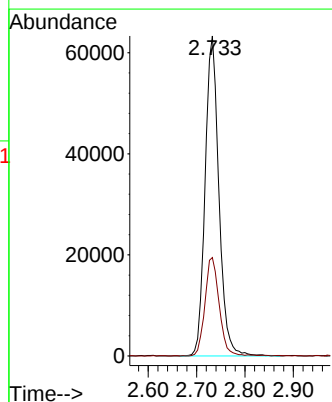
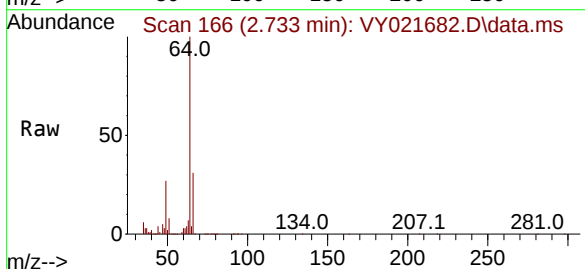
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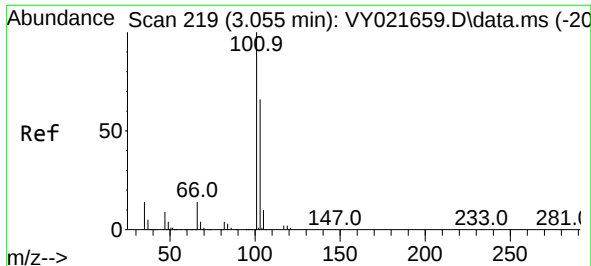
Tgt Ion: 94 Resp: 123898
Ion Ratio Lower Upper
94 100
96 96.3 72.8 109.2



#6
Chloroethane
Concen: 56.216 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 64 Resp: 125527
Ion Ratio Lower Upper
64 100
66 30.8 24.9 37.3

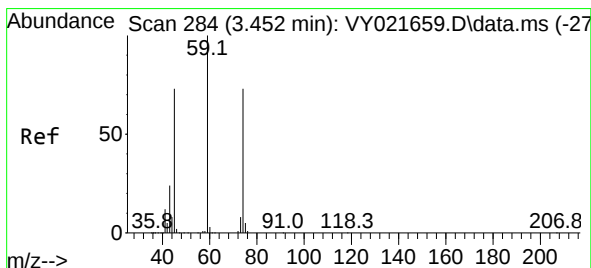
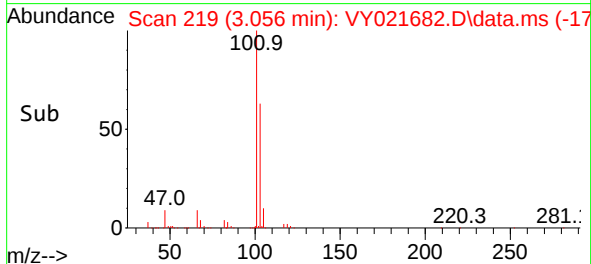
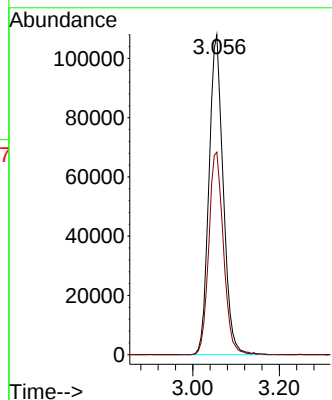
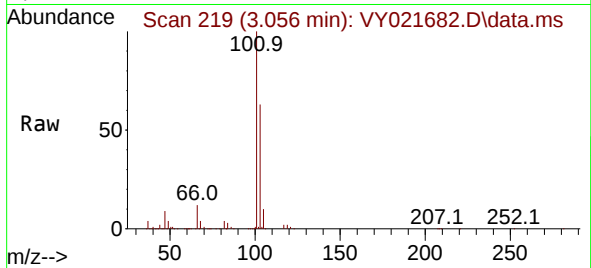




#7
 Trichlorofluoromethane
 Concen: 56.329 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

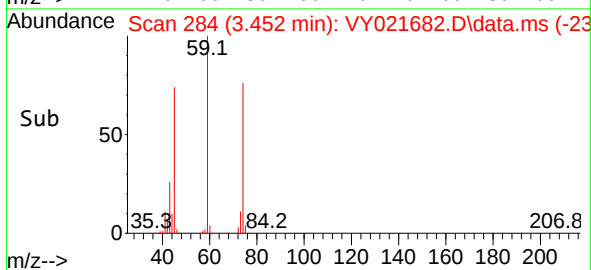
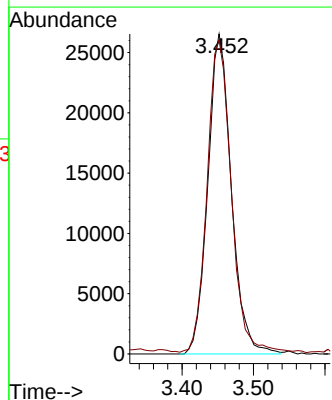
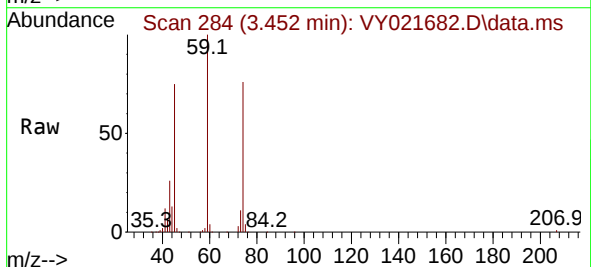
Instrument :
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 ClientSampleId :
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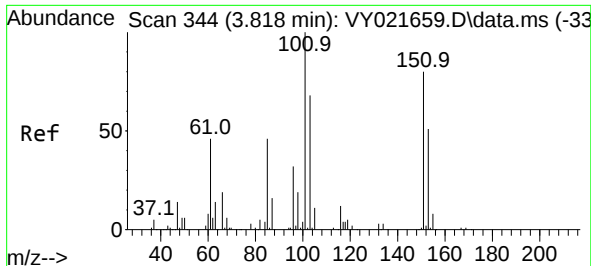
Tgt Ion:101 Resp: 246236
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 51.075 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

Tgt Ion: 74 Resp: 60717
 Ion Ratio Lower Upper
 74 100
 45 100.3 48.6 145.8

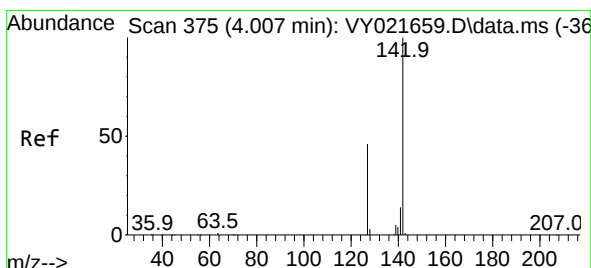
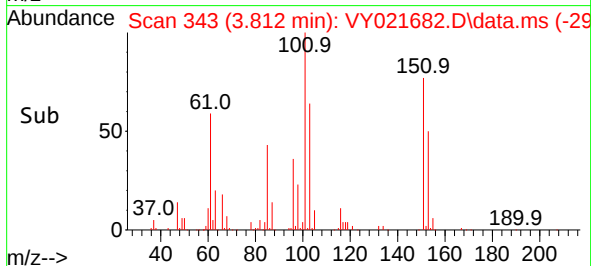
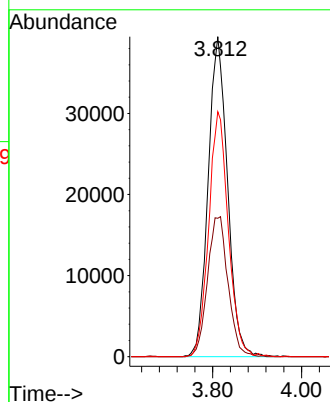
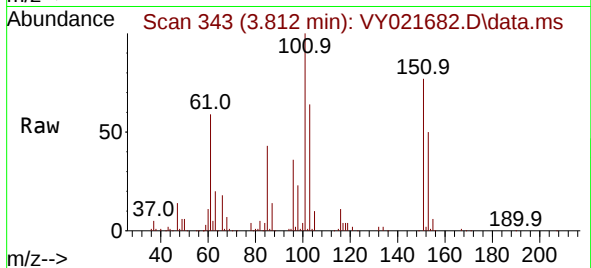




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.906 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

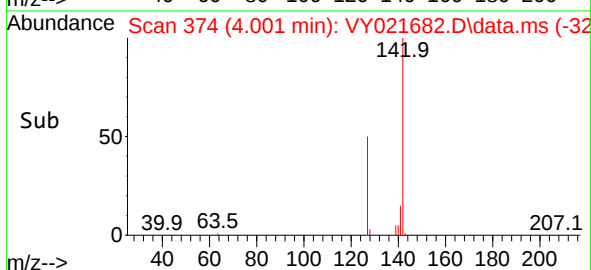
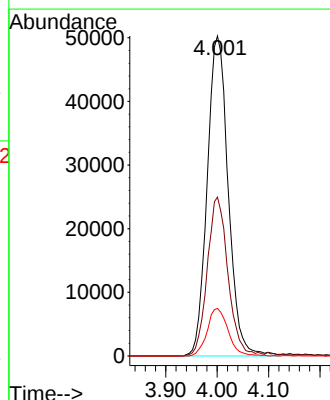
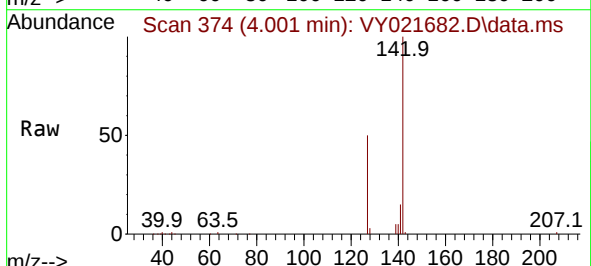
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 119672
Ion Ratio Lower Upper
101 100
85 46.4 36.3 54.5
151 77.2 61.3 91.9



#10
Methyl Iodide
Concen: 56.574 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion:142 Resp: 143093
Ion Ratio Lower Upper
142 100
127 48.9 38.7 58.1
141 14.8 11.5 17.3

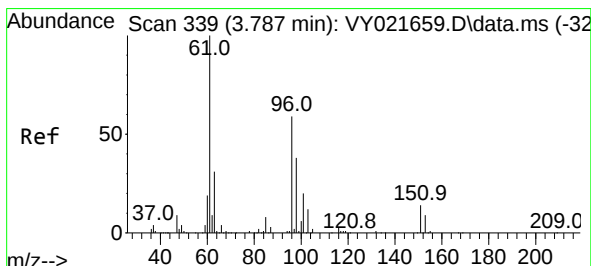
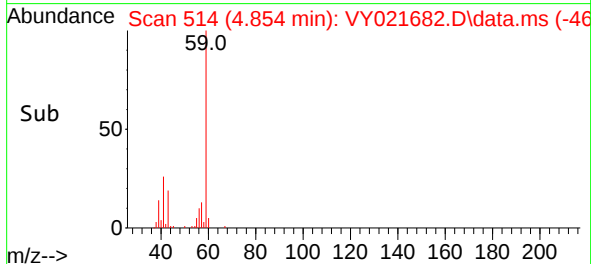
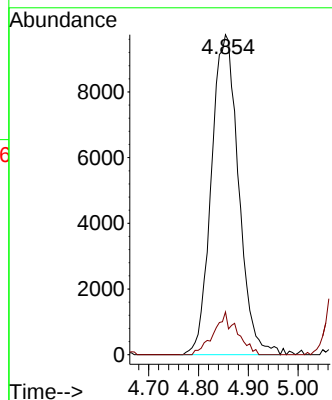
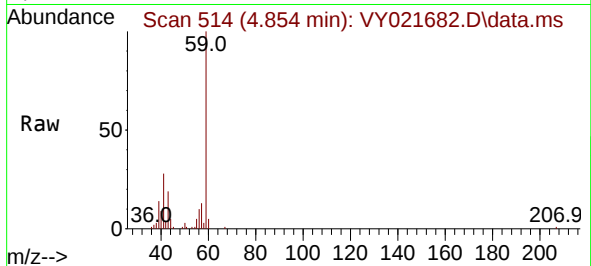




#11
Tert butyl alcohol
Concen: 253.367 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

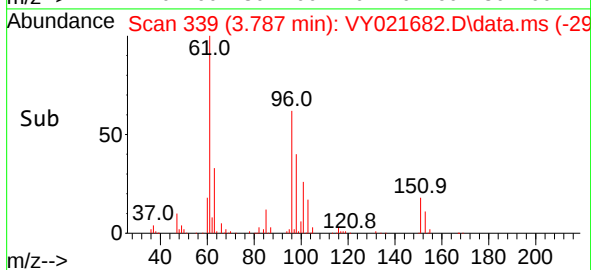
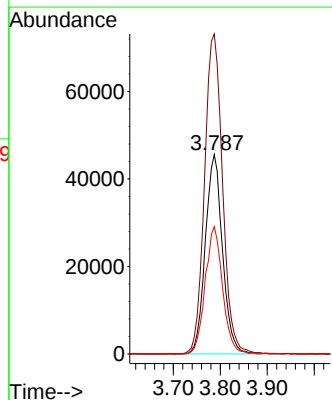
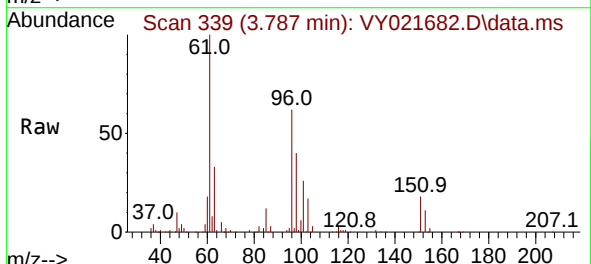
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

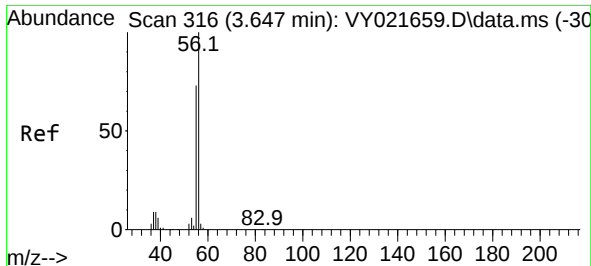
Tgt Ion: 59 Resp: 36916
Ion Ratio Lower Upper
59 100
57 11.4 9.2 13.8



#12
1,1-Dichloroethene
Concen: 53.393 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 96 Resp: 115949
Ion Ratio Lower Upper
96 100
61 160.3 136.6 204.8
98 63.9 52.3 78.5





#13

Acrolein

Concen: 238.457 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

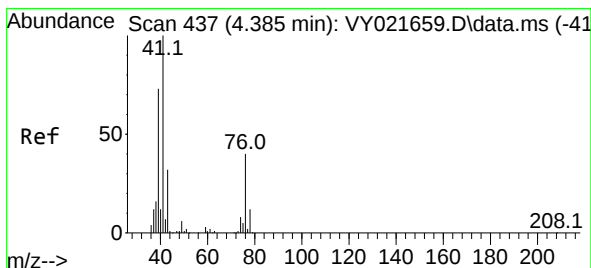
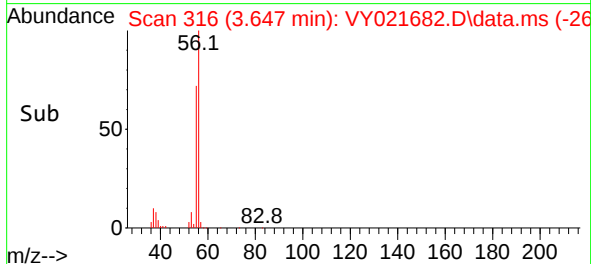
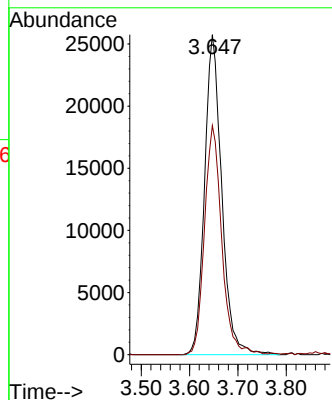
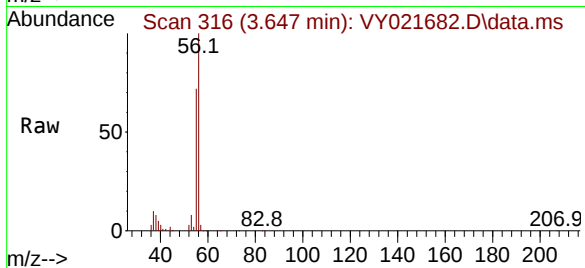
VSTDCCC050

Tgt Ion: 56 Resp: 63440

Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



#14

Allyl chloride

Concen: 54.441 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

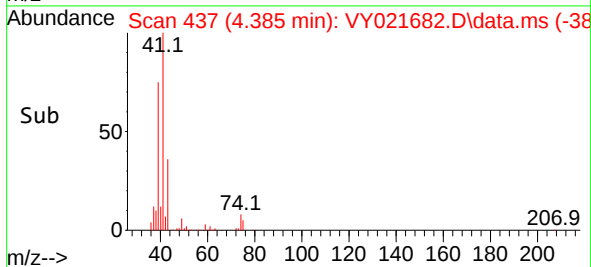
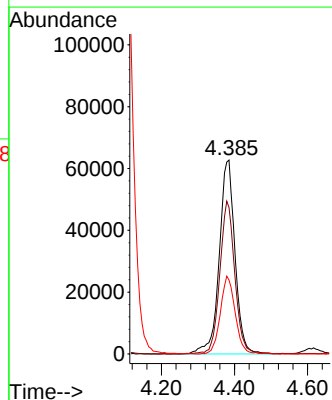
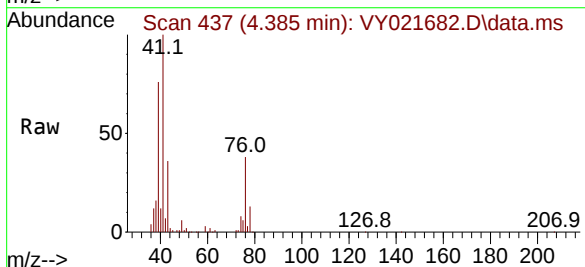
Tgt Ion: 41 Resp: 188500

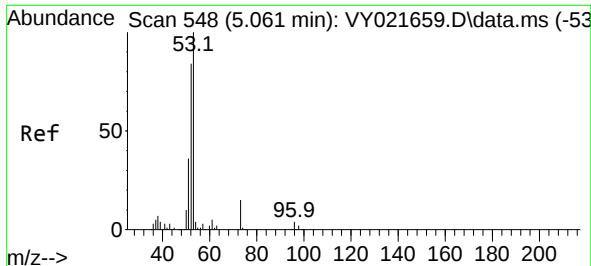
Ion Ratio Lower Upper

41 100

39 75.1 58.6 88.0

76 37.7 30.3 45.5

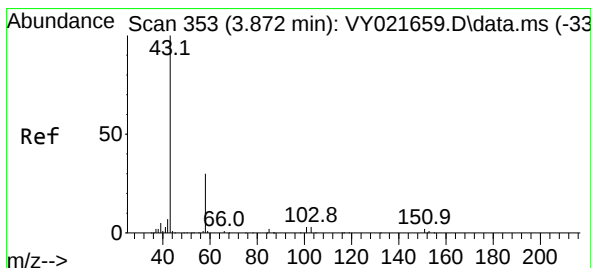
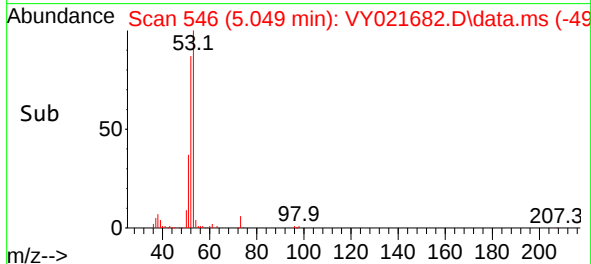
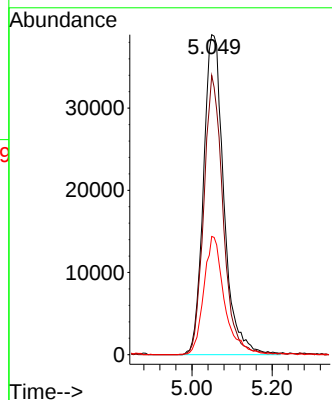
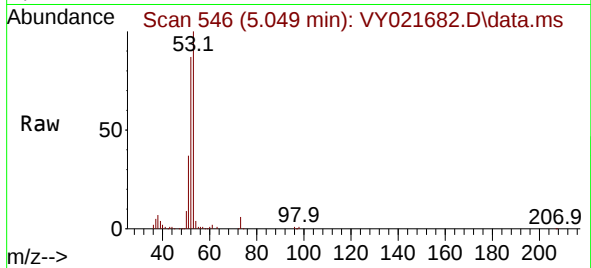




#15
Acrylonitrile
Concen: 276.449 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

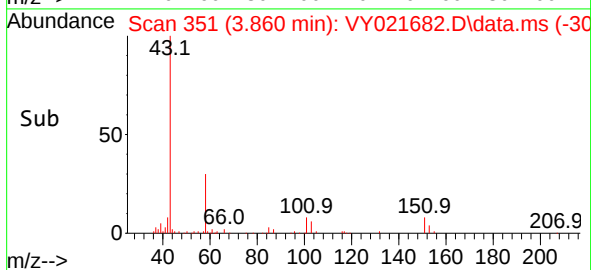
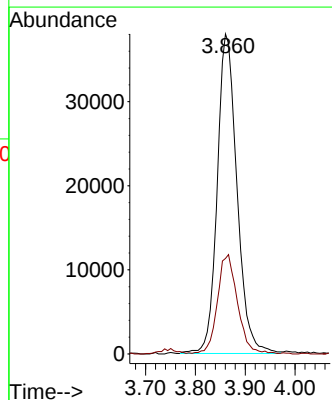
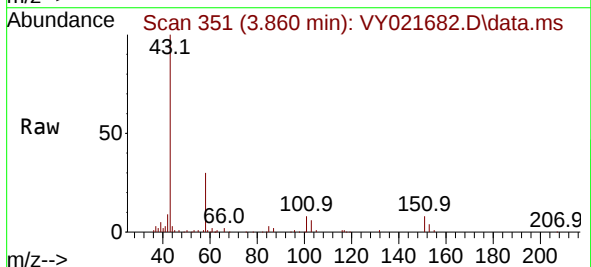
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

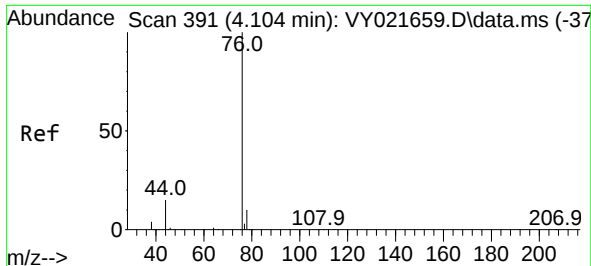
Tgt Ion: 53 Resp: 137218
Ion Ratio Lower Upper
53 100
52 82.1 64.9 97.3
51 37.6 30.2 45.2



#16
Acetone
Concen: 227.823 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 43 Resp: 104592
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4

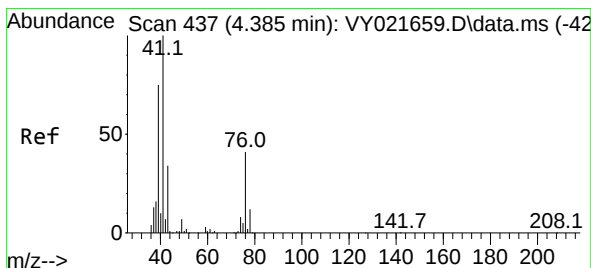
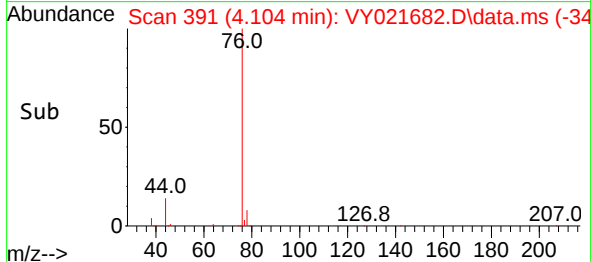
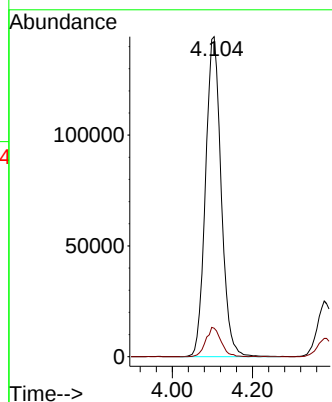
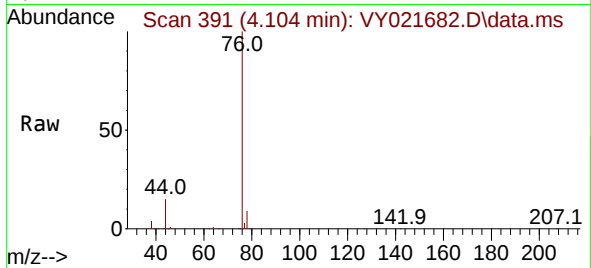




#17
Carbon Disulfide
Concen: 54.712 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

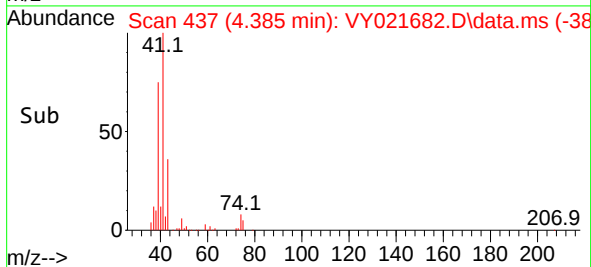
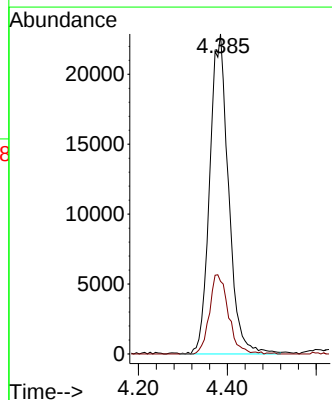
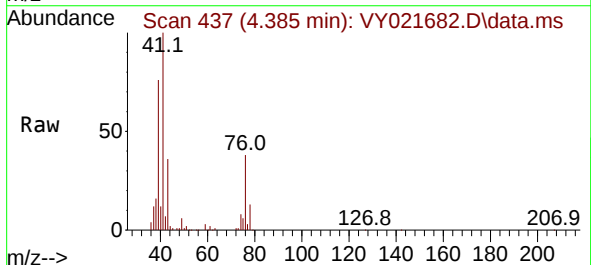
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 391341
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 59.104 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 43 Resp: 67250
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7

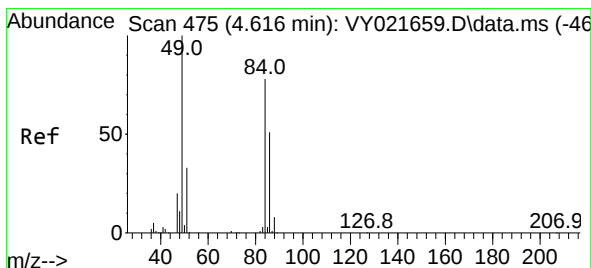
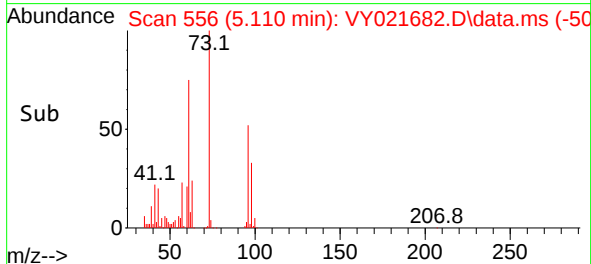
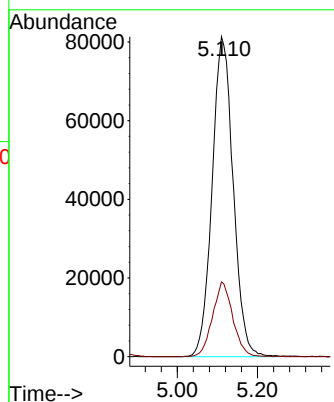
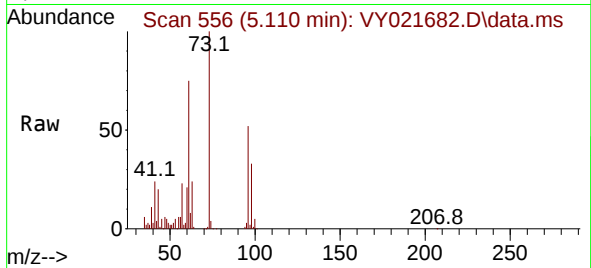




#19
Methyl tert-butyl Ether
Concen: 54.737 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

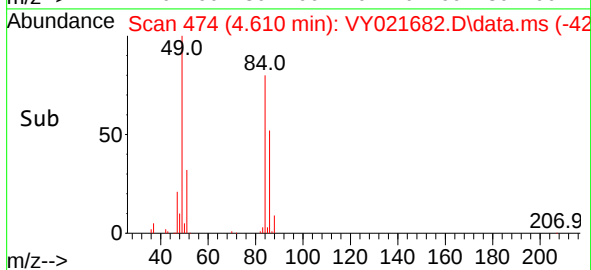
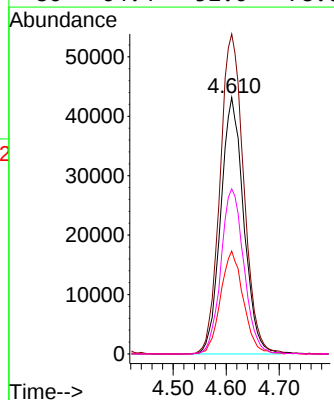
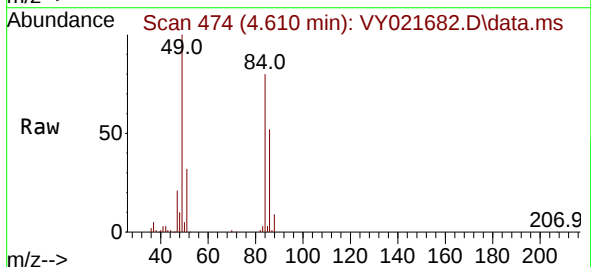
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 295942
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 58.520 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 84 Resp: 129983
Ion Ratio Lower Upper
84 100
49 124.8 102.8 154.2
51 40.1 33.5 50.3
86 64.4 52.0 78.0

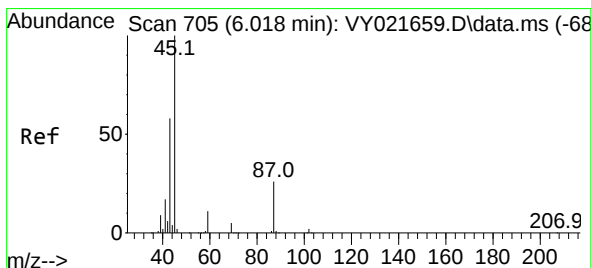
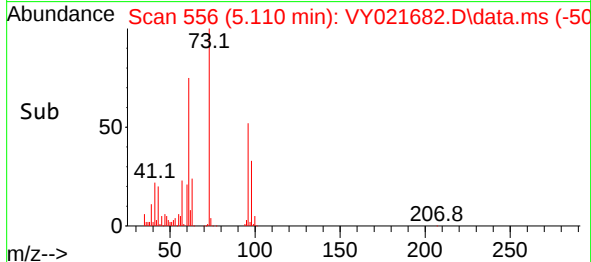
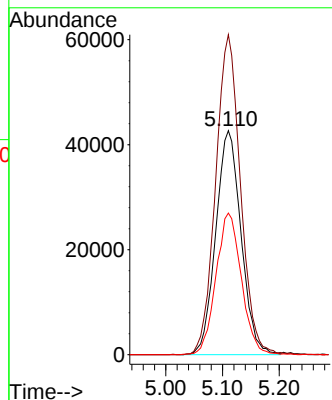
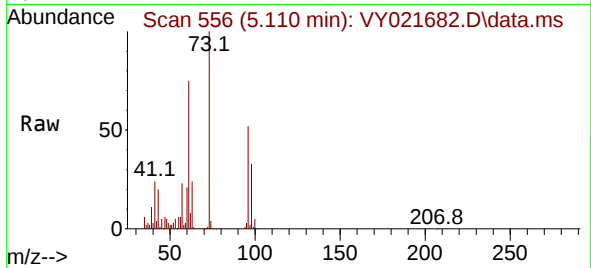




#21
trans-1,2-Dichloroethene
Concen: 55.253 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

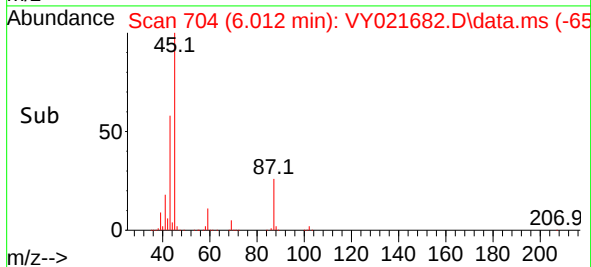
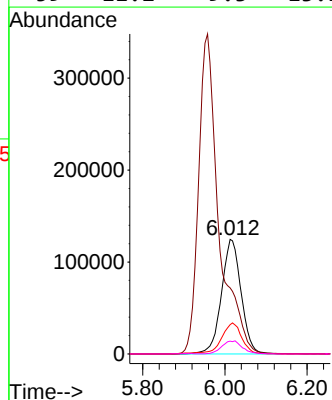
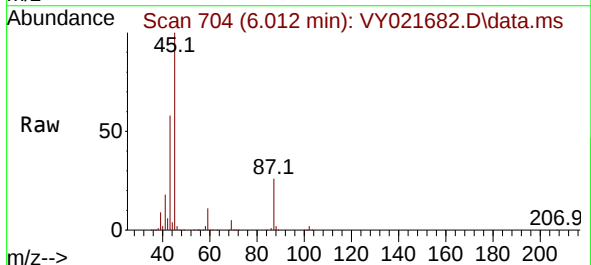
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

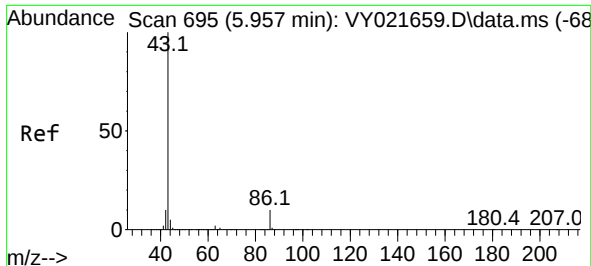
Tgt Ion: 96 Resp: 132113
Ion Ratio Lower Upper
96 100
61 142.8 109.4 164.0
98 63.2 50.2 75.2



#22
Diisopropyl ether
Concen: 56.920 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 45 Resp: 413432
Ion Ratio Lower Upper
45 100
43 57.4 46.6 69.8
87 25.6 20.7 31.1
59 11.2 9.3 13.9

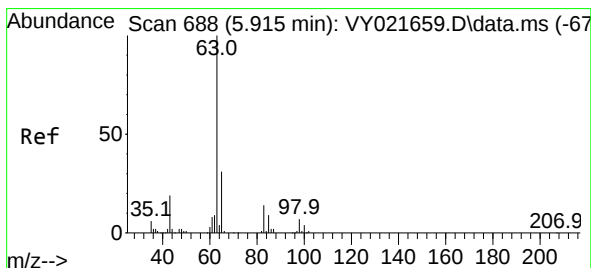
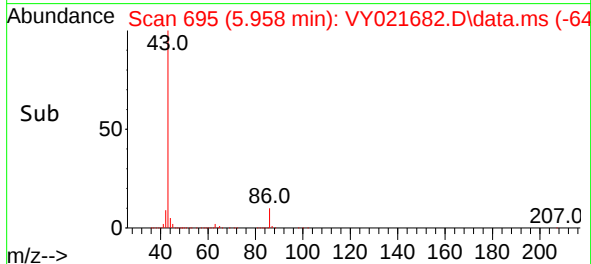
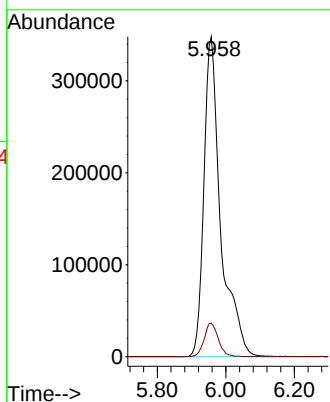
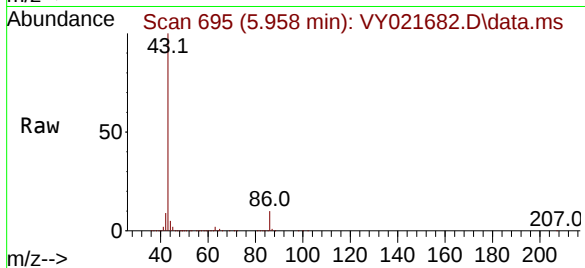




#23
 Vinyl Acetate
 Concen: 279.709 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

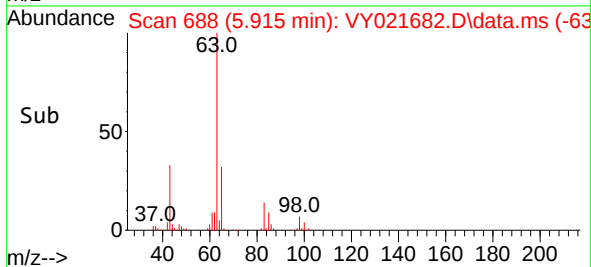
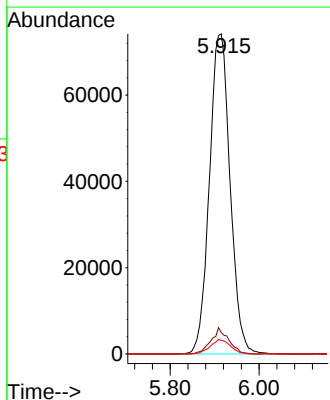
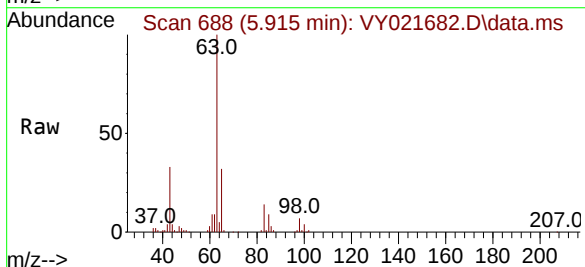
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

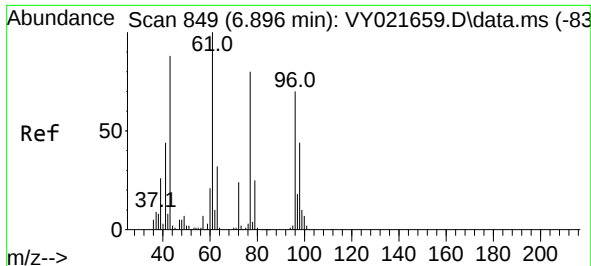
Tgt Ion: 43 Resp: 1188514
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 55.116 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

Tgt Ion: 63 Resp: 239377
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.3 2.2 6.6

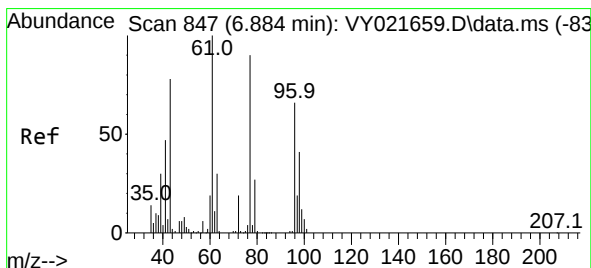
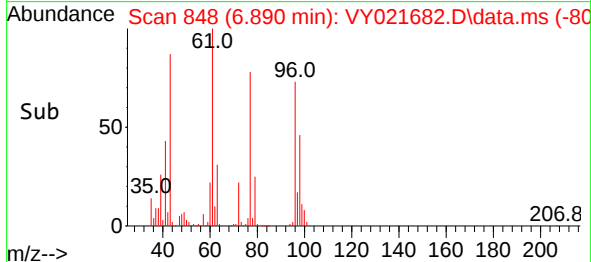
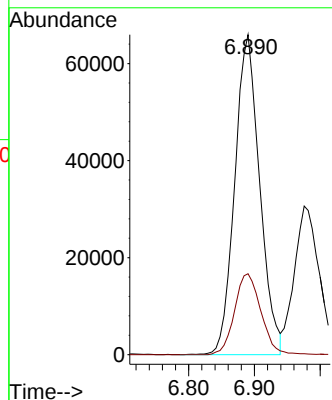
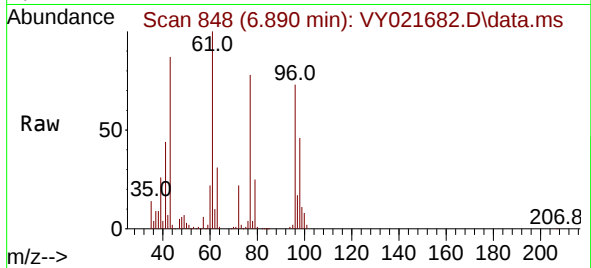




#25
2-Butanone
Concen: 264.748 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

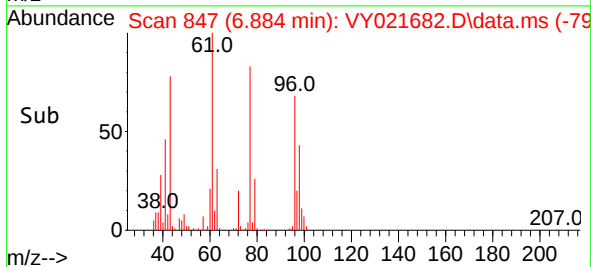
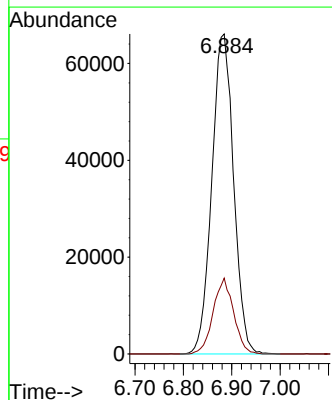
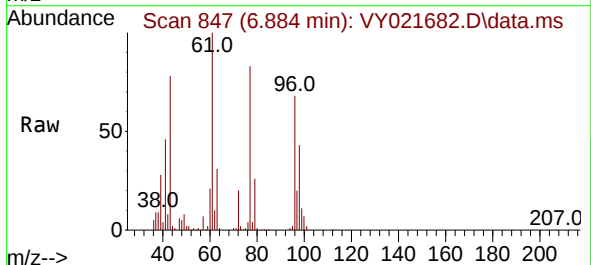
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

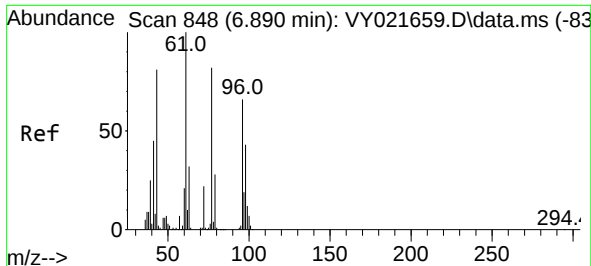
Tgt Ion: 43 Resp: 173603
Ion Ratio Lower Upper
43 100
72 25.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 53.485 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 77 Resp: 206630
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 55.755 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

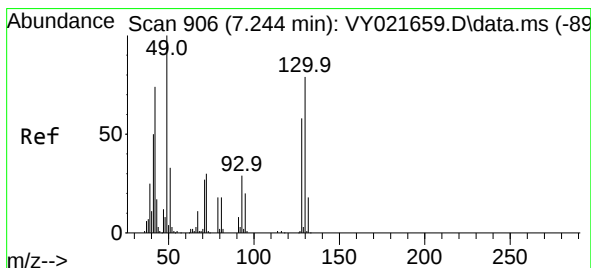
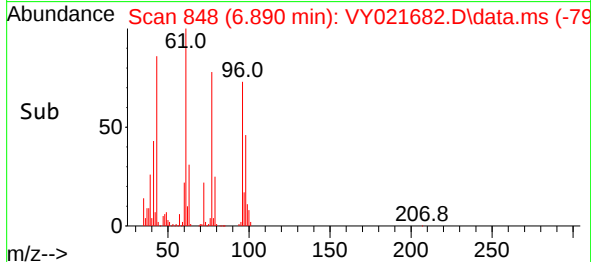
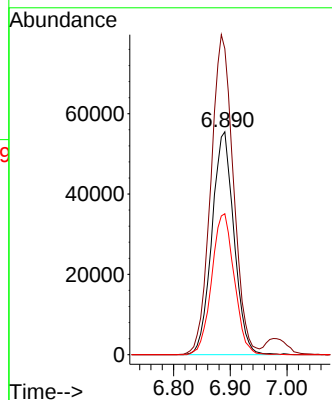
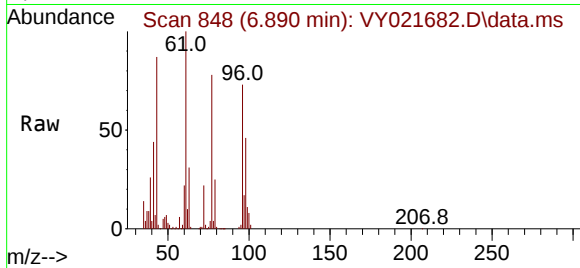
Tgt Ion: 96 Resp: 149919

Ion Ratio Lower Upper

96 100

61 147.0 0.0 296.4

98 64.5 0.0 128.0



#28

Bromochloromethane

Concen: 56.065 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

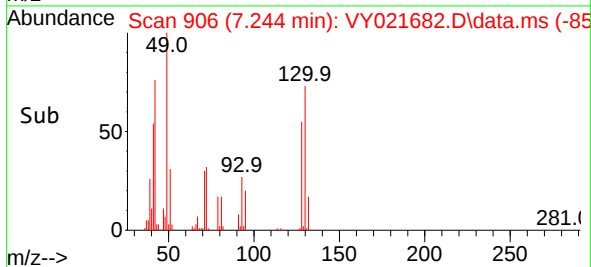
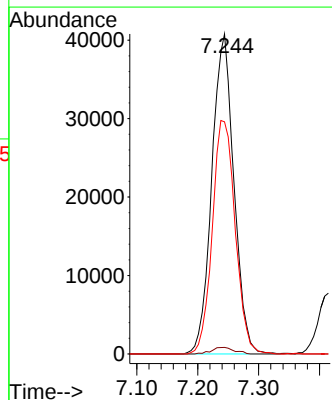
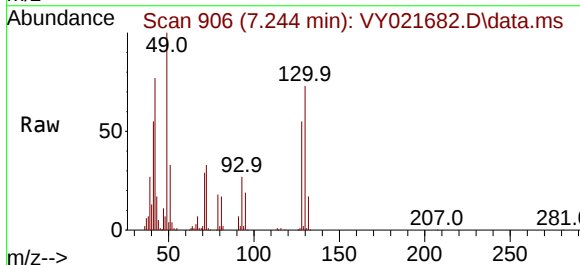
Tgt Ion: 49 Resp: 102693

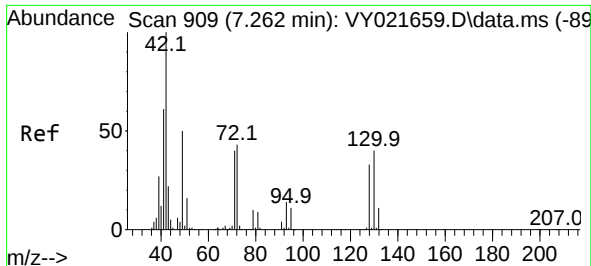
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 75.7 60.1 90.1





#29

Tetrahydrofuran

Concen: 279.112 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

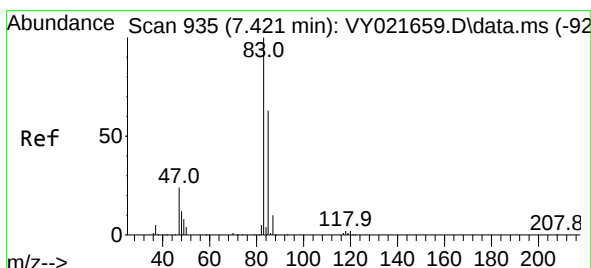
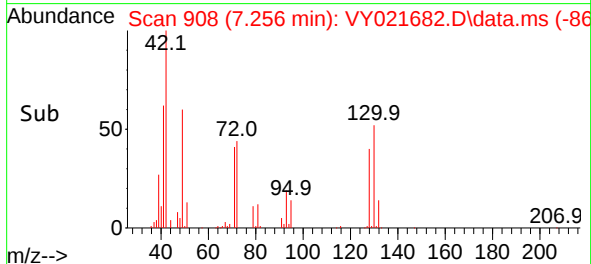
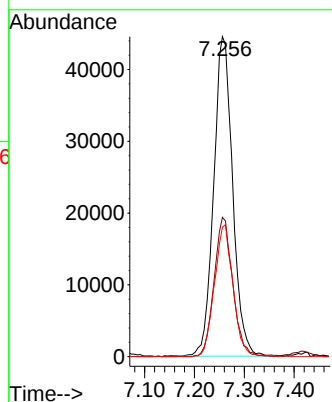
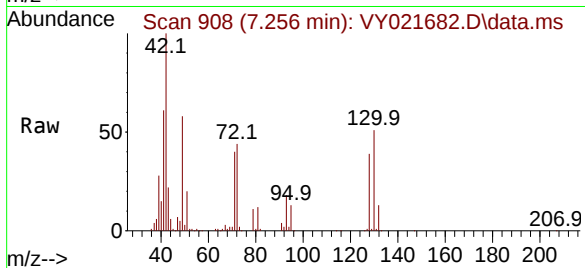
Tgt Ion: 42 Resp: 117791

Ion Ratio Lower Upper

42 100

72 42.8 34.6 52.0

71 40.4 32.5 48.7



#30

Chloroform

Concen: 55.216 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021682.D

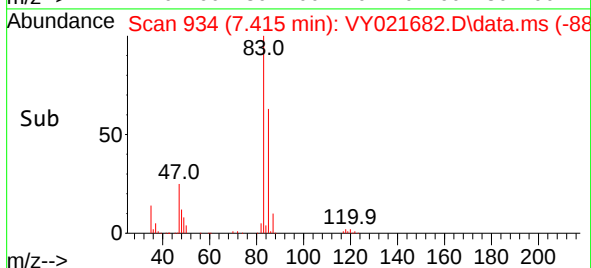
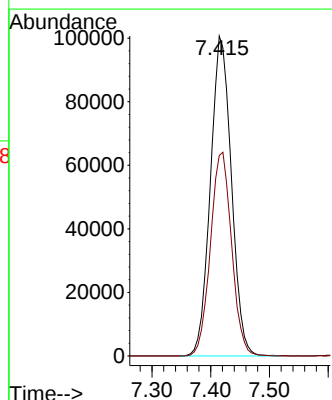
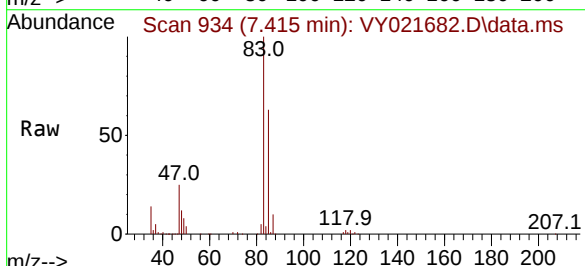
Acq: 28 Mar 2025 10:42

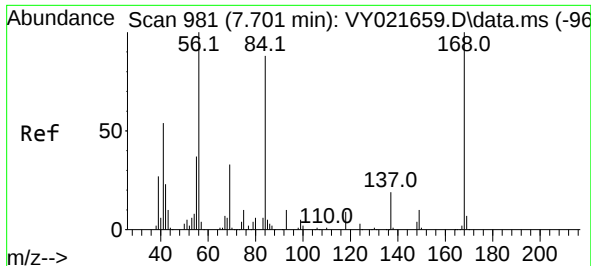
Tgt Ion: 83 Resp: 249427

Ion Ratio Lower Upper

83 100

85 62.6 50.6 75.8

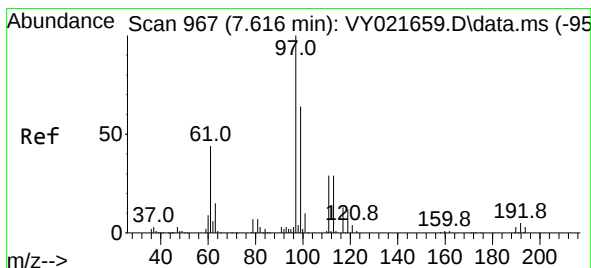
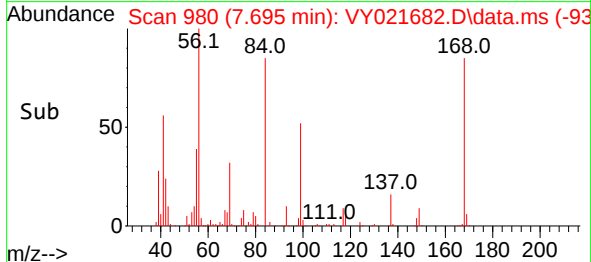
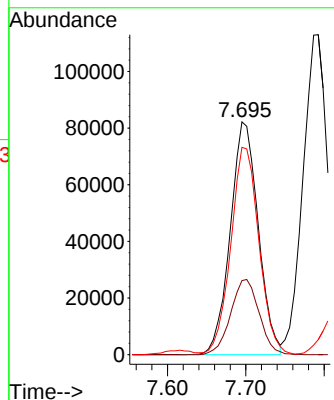
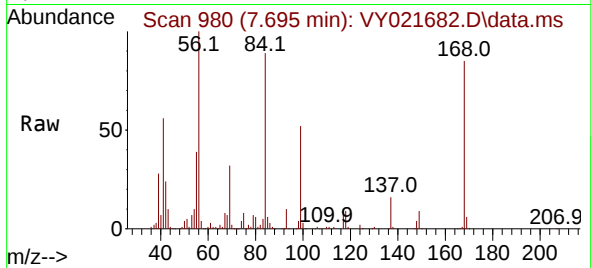




#31
Cyclohexane
Concen: 51.546 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

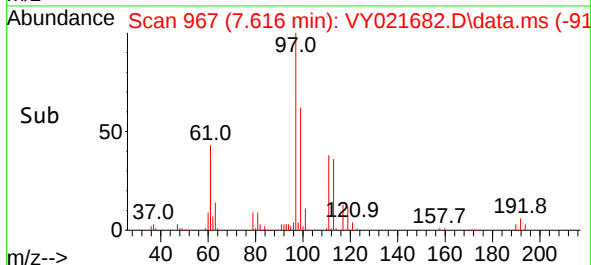
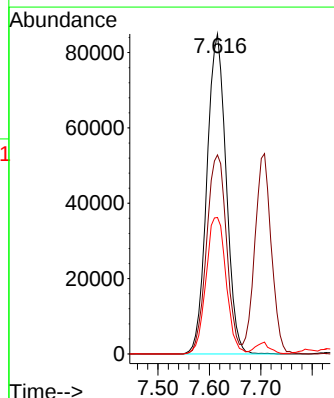
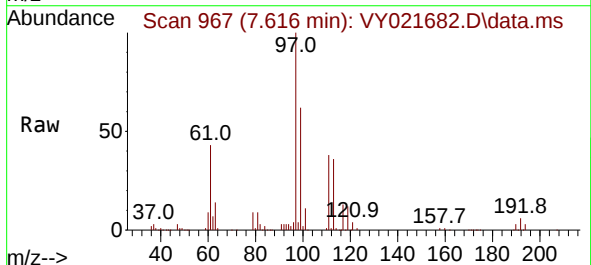
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

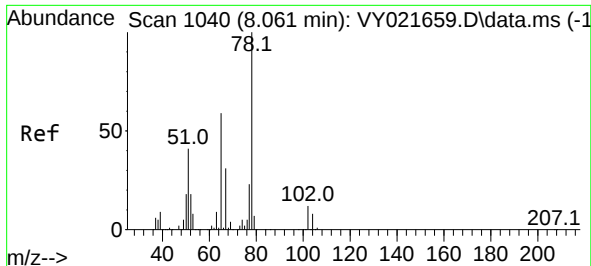
Tgt Ion: 56 Resp: 204076
Ion Ratio Lower Upper
56 100
69 31.9 26.6 40.0
84 87.2 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 53.954 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 97 Resp: 220282
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 44.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.364 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

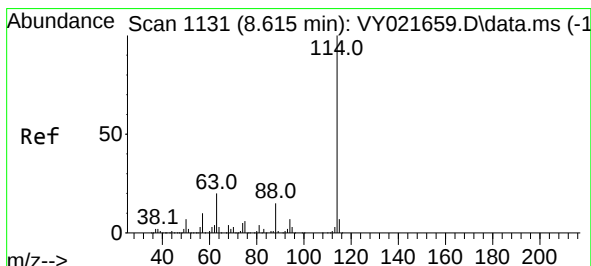
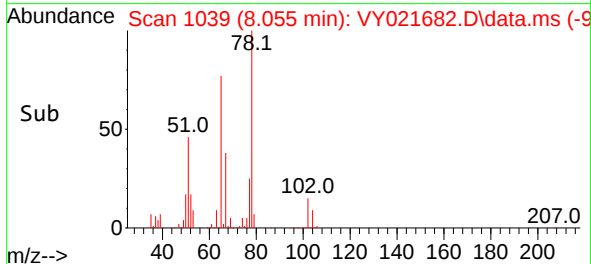
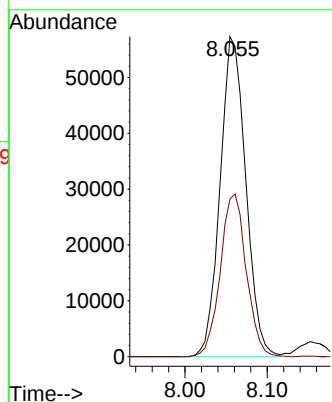
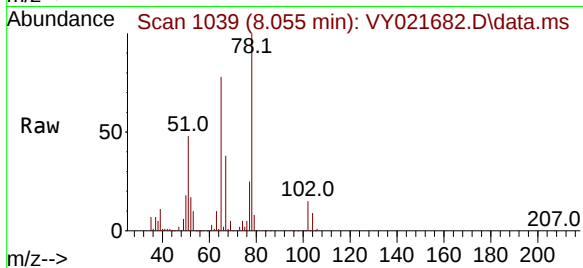
VSTDCCC050

Tgt Ion: 65 Resp: 124192

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

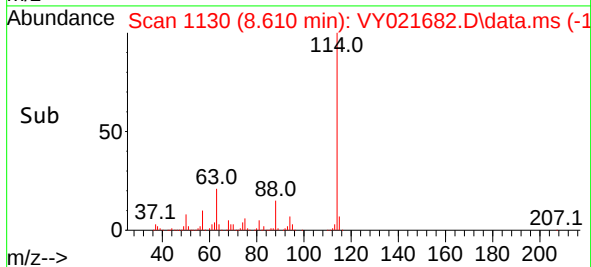
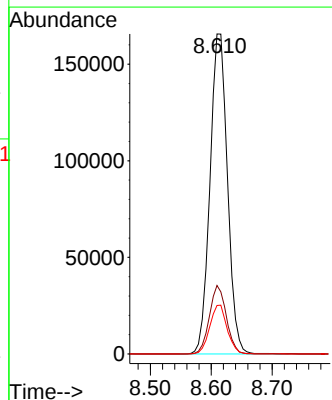
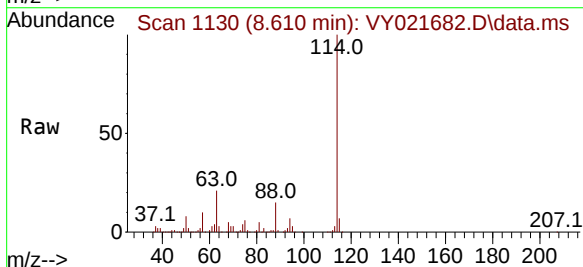
Tgt Ion: 114 Resp: 329996

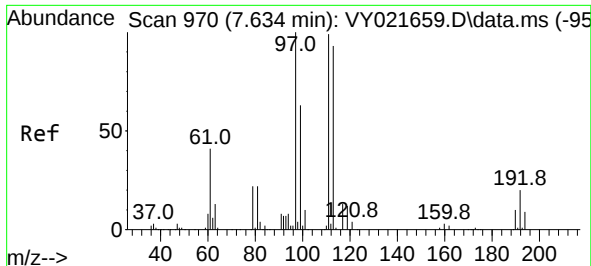
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 15.1 0.0 29.8

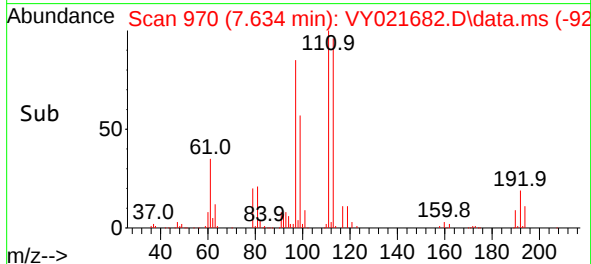
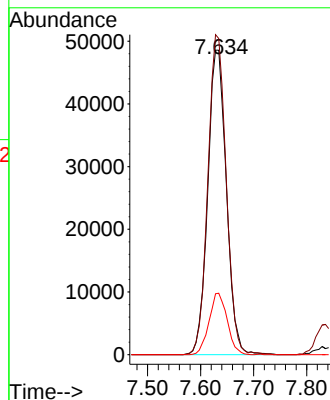
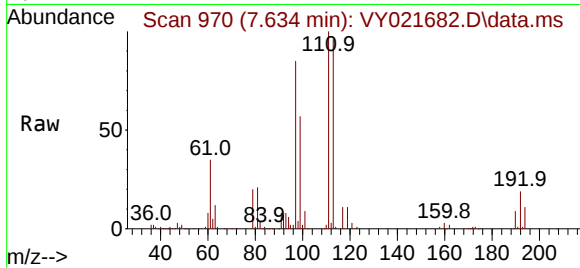




#35
Dibromofluoromethane
Concen: 55.365 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

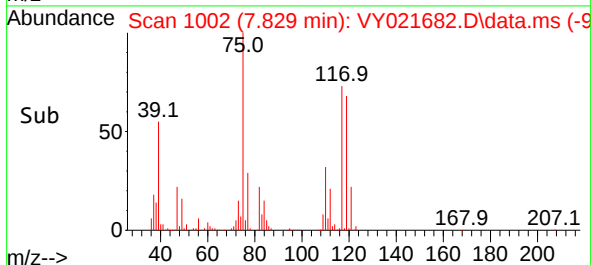
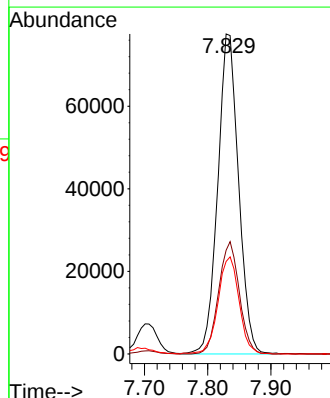
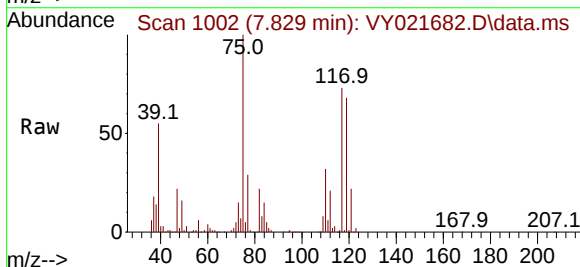
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

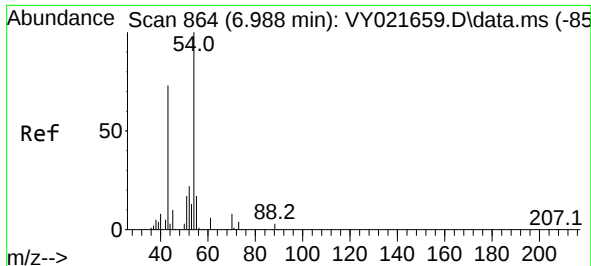
Tgt Ion:113 Resp: 118517
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 54.246 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 75 Resp: 176871
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 30.7 24.8 37.2

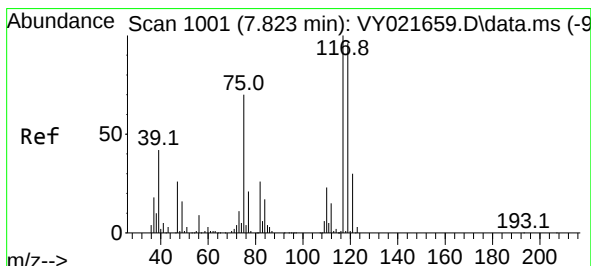
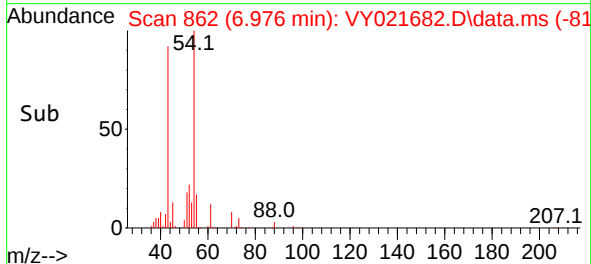
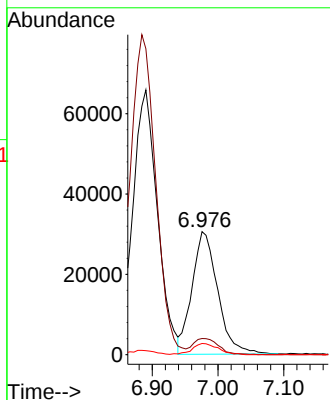
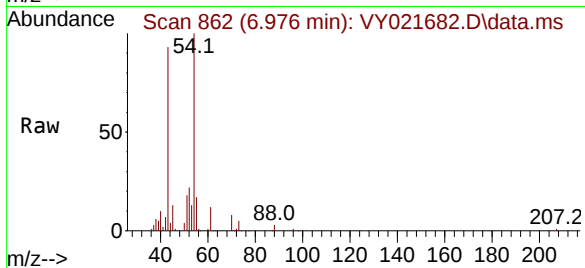




#37
Ethyl Acetate
Concen: 53.833 ug/l
RT: 6.976 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

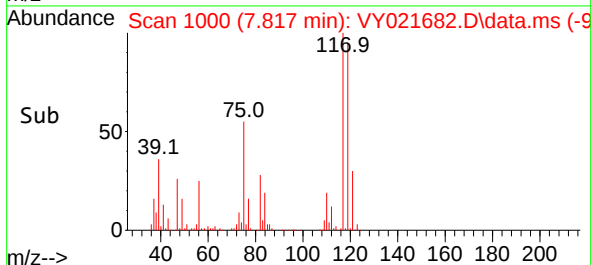
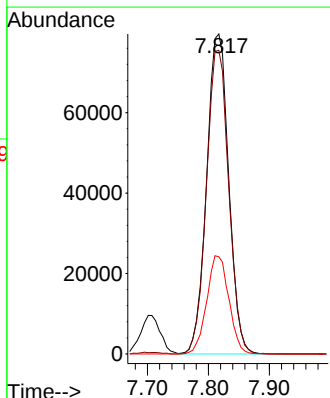
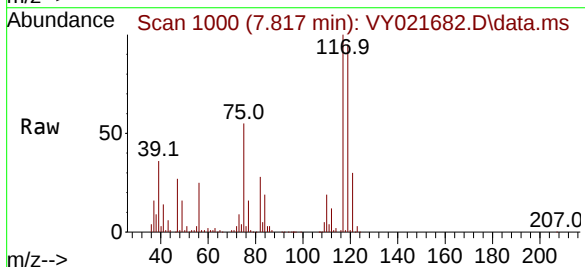
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

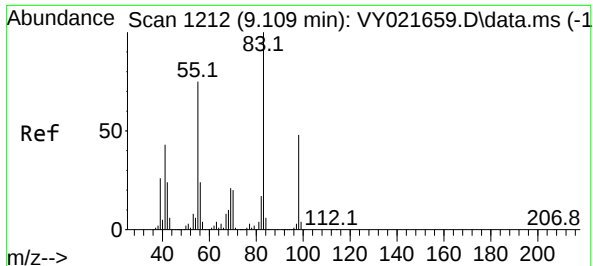
Tgt Ion: 43 Resp: 82837
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.710 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 117 Resp: 200576
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4
121 30.4 24.2 36.4





#39

Methylcyclohexane

Concen: 53.572 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

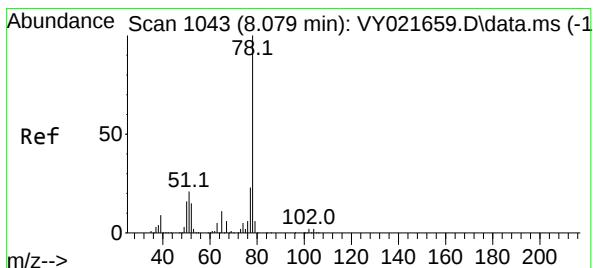
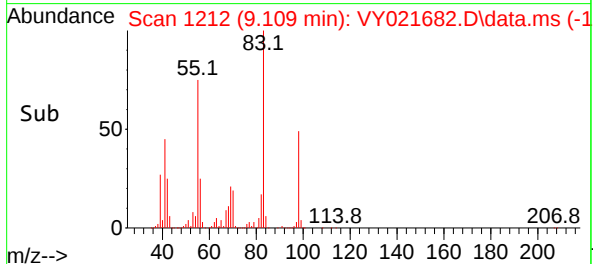
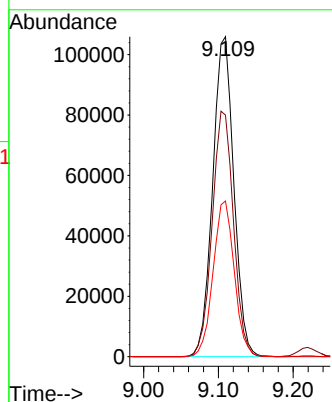
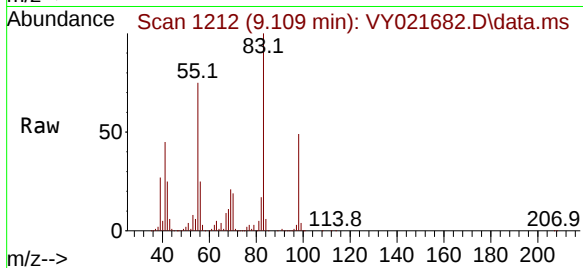
Tgt Ion: 83 Resp: 208666

Ion Ratio Lower Upper

83 100

55 75.5 59.7 89.5

98 48.6 38.3 57.5



#40

Benzene

Concen: 55.404 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY021682.D

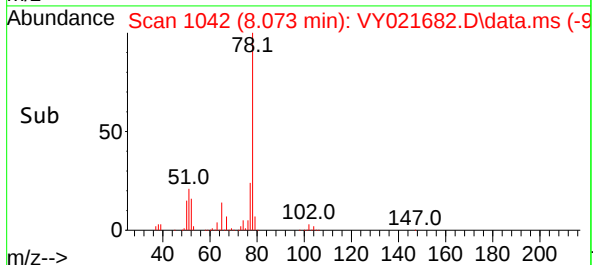
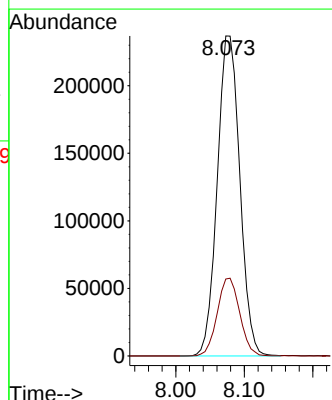
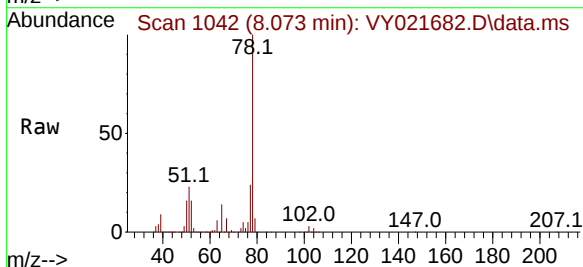
Acq: 28 Mar 2025 10:42

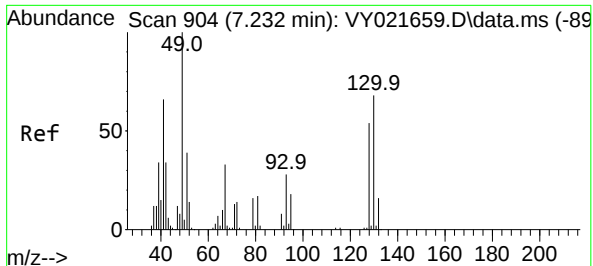
Tgt Ion: 78 Resp: 540985

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

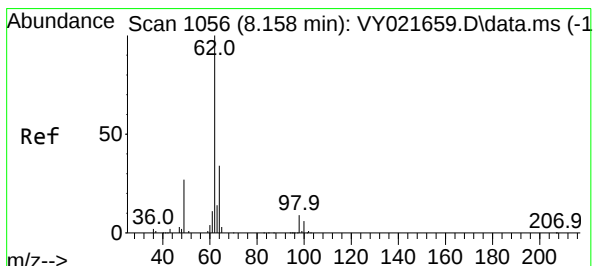
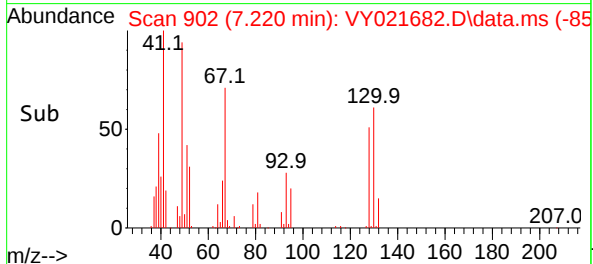
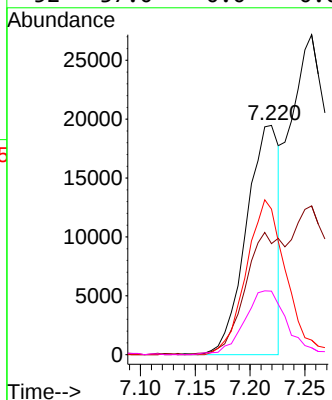
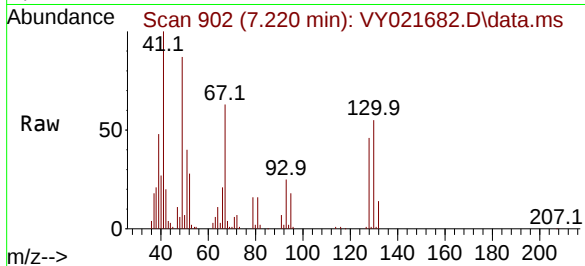




#41
Methacrylonitrile
Concen: 49.359 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

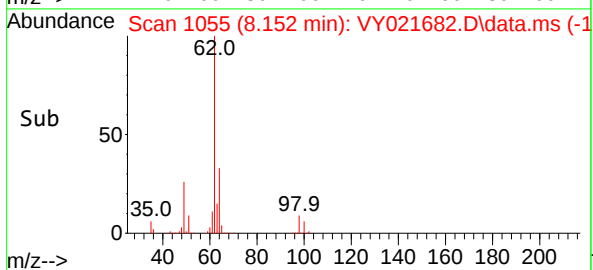
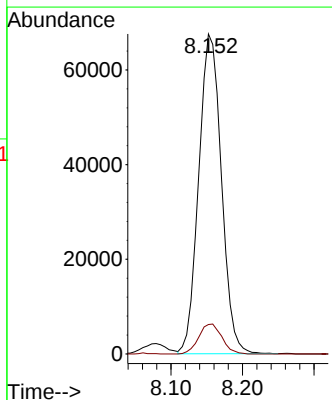
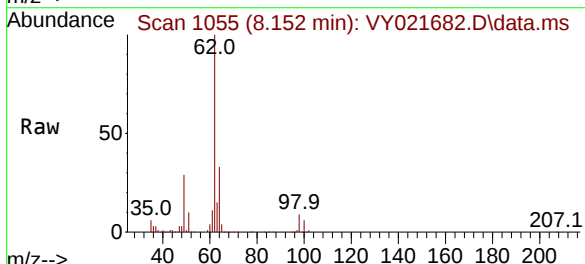
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

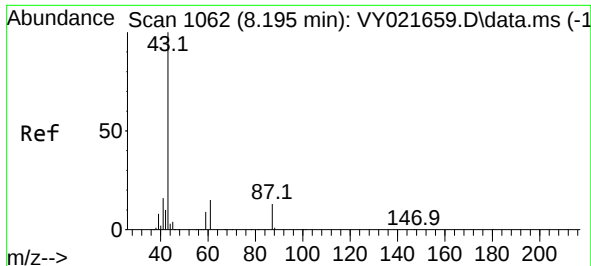
Tgt Ion: 41 Resp: 40336
Ion Ratio Lower Upper
41 100
39 63.0 0.0 0.0#
67 82.8 0.0 0.0#
52 37.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 54.112 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 62 Resp: 148955
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4





#43

Isopropyl Acetate

Concen: 53.555 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

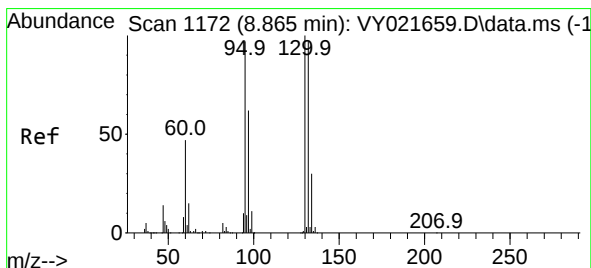
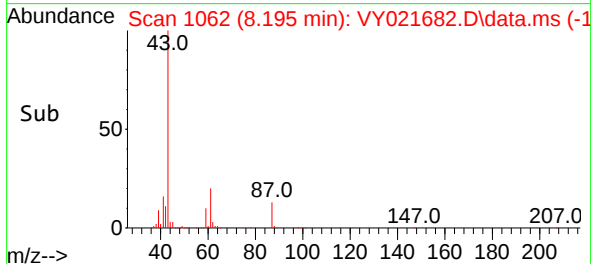
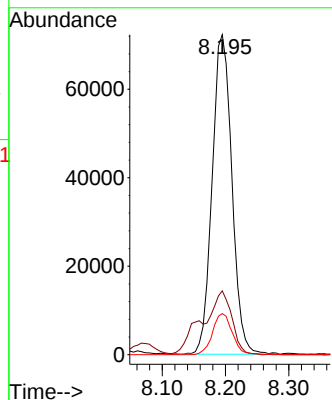
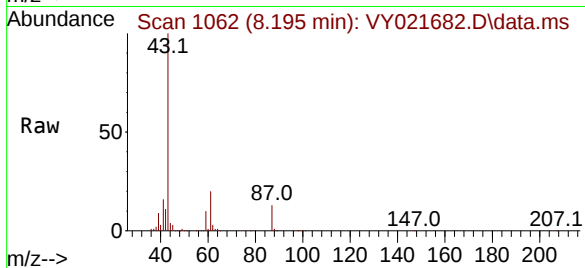
Tgt Ion: 43 Resp: 156172

Ion Ratio Lower Upper

43 100

61 20.9 15.9 23.9

87 12.8 10.4 15.6



#44

Trichloroethene

Concen: 53.202 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VY021682.D

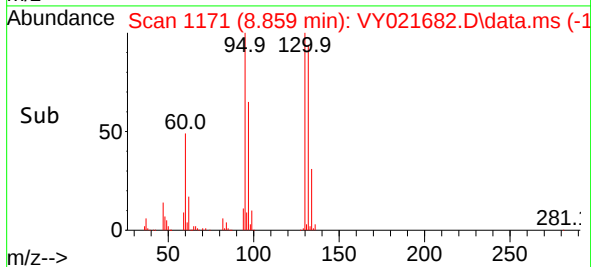
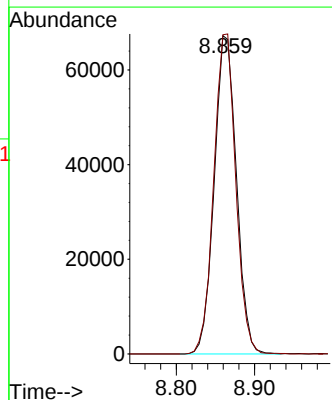
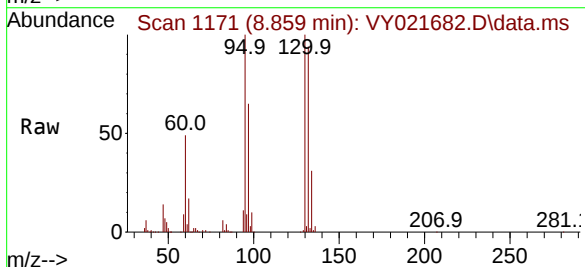
Acq: 28 Mar 2025 10:42

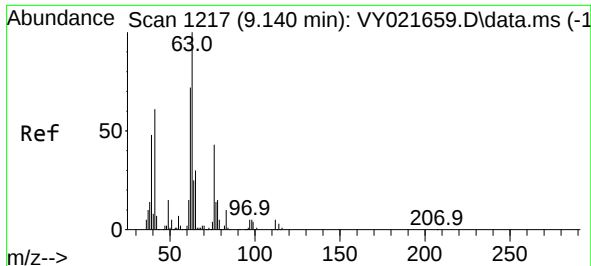
Tgt Ion:130 Resp: 132362

Ion Ratio Lower Upper

130 100

95 100.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 55.510 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

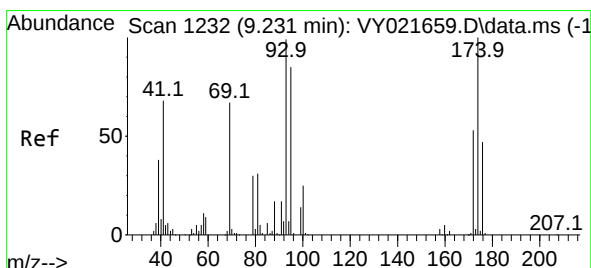
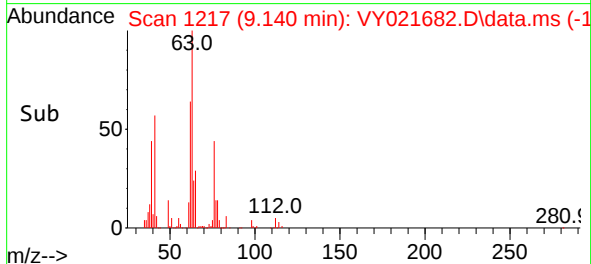
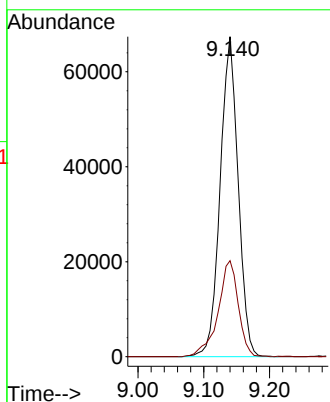
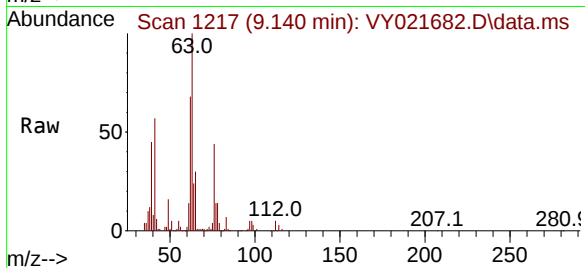
VSTDCCC050

Tgt Ion: 63 Resp: 128300

Ion Ratio Lower Upper

63 100

65 30.0 24.4 36.6



#46

Dibromomethane

Concen: 55.056 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

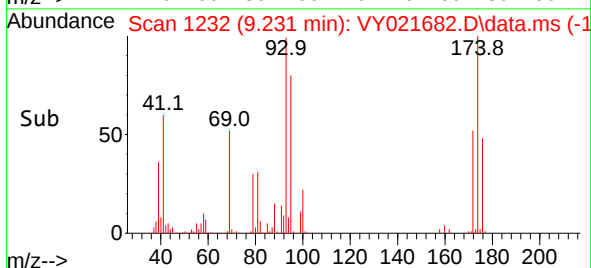
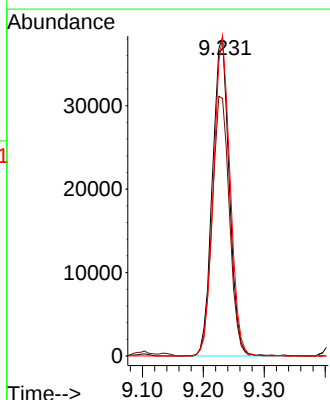
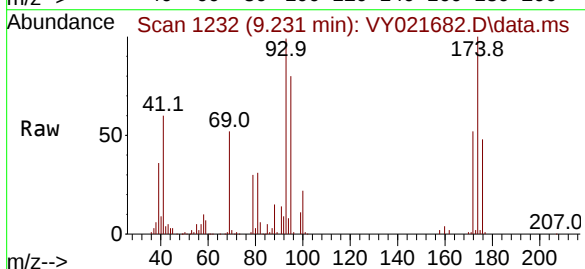
Tgt Ion: 93 Resp: 73338

Ion Ratio Lower Upper

93 100

95 83.4 68.1 102.1

174 98.8 80.9 121.3

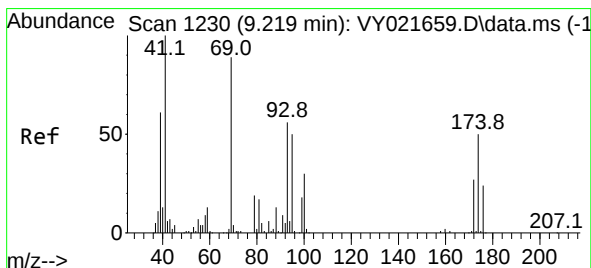
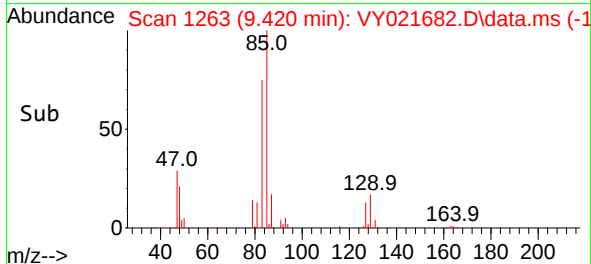
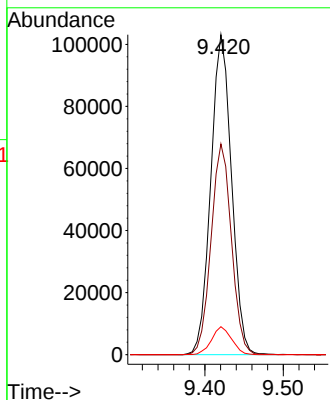
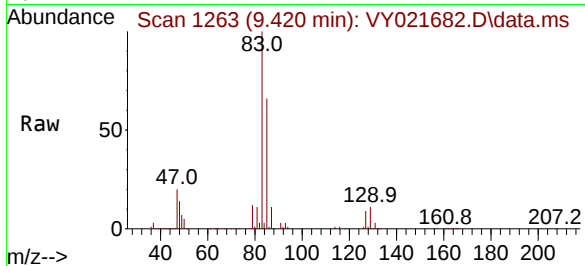




#47
Bromodichloromethane
Concen: 54.928 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

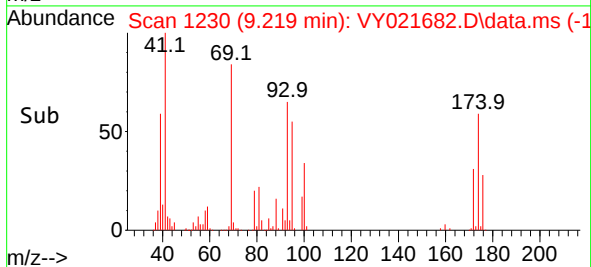
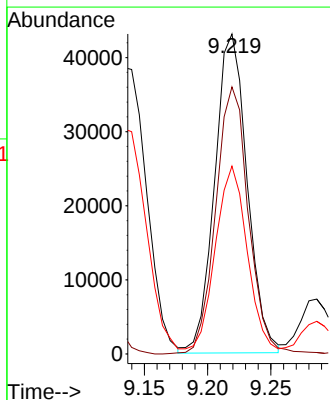
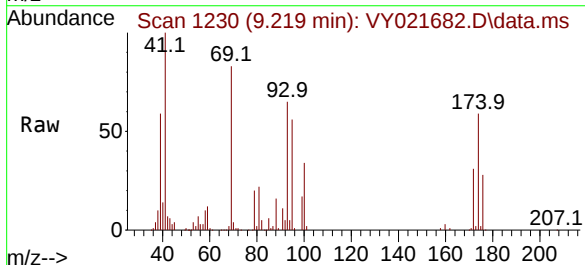
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 189589
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 57.497 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 41 Resp: 76952
Ion Ratio Lower Upper
41 100
69 84.5 69.8 104.8
39 55.2 47.2 70.8





#49

1,4-Dioxane

Concen: 1130.995 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

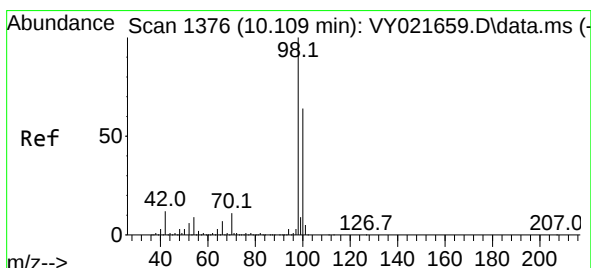
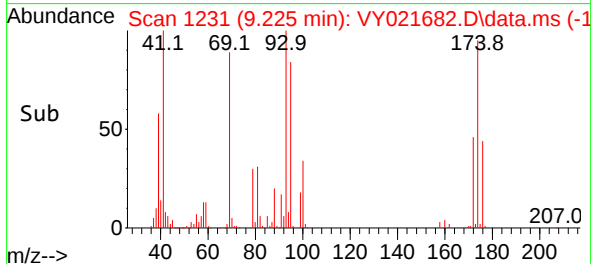
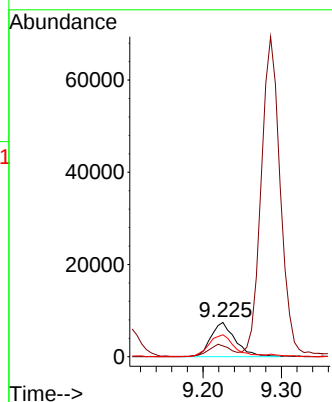
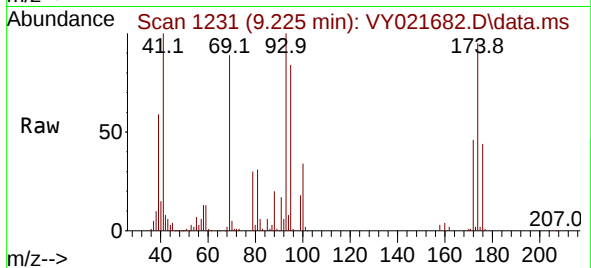
Tgt Ion: 88 Resp: 16139

Ion Ratio Lower Upper

88 100

43 30.4 28.8 43.2

58 65.2 59.4 89.2



#50

Toluene-d8

Concen: 55.693 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021682.D

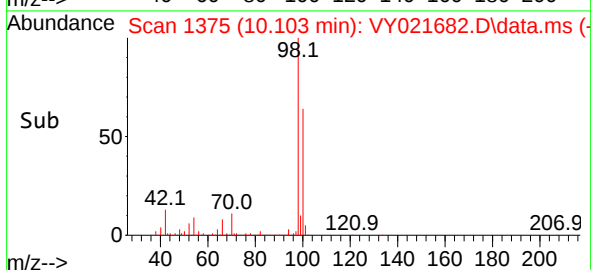
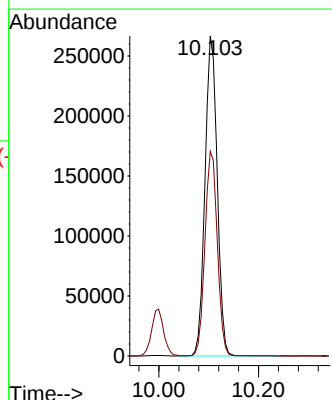
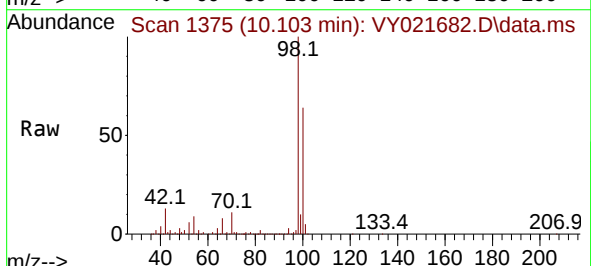
Acq: 28 Mar 2025 10:42

Tgt Ion: 98 Resp: 453542

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 281.850 ug/l

RT: 9.993 min Scan# 1358

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

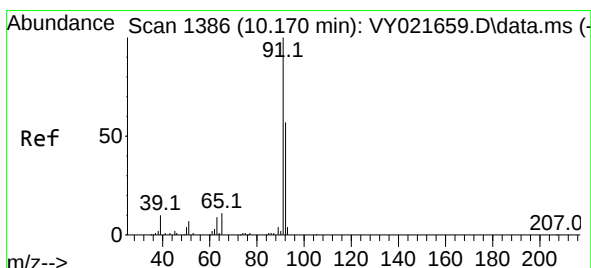
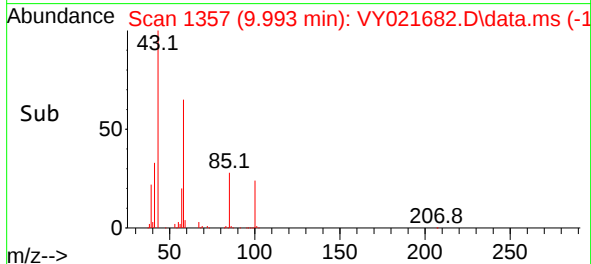
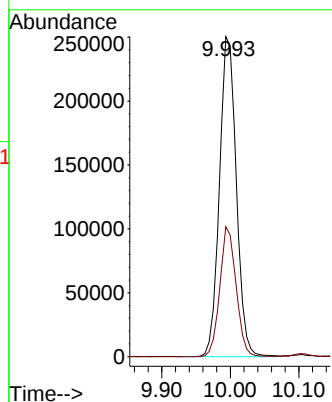
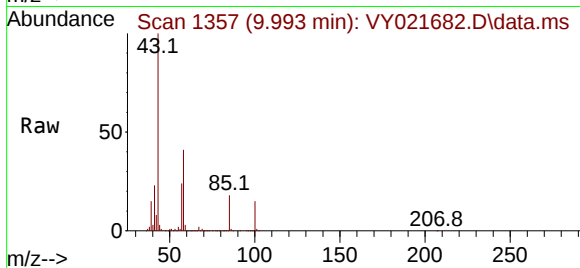
VSTDCCC050

Tgt Ion: 43 Resp: 427715

Ion Ratio Lower Upper

43 100

58 39.2 31.5 47.3



#52

Toluene

Concen: 56.286 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021682.D

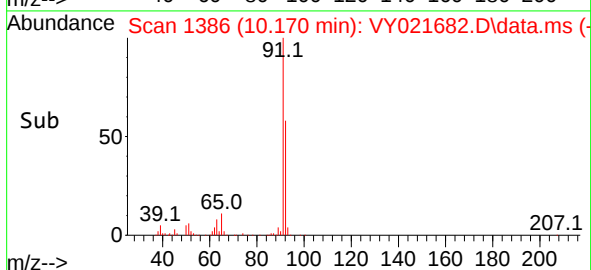
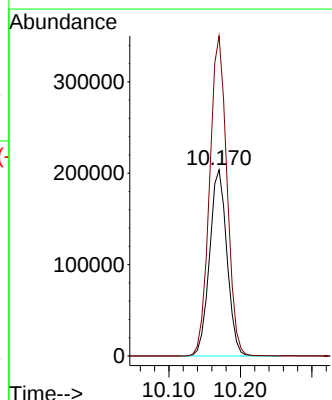
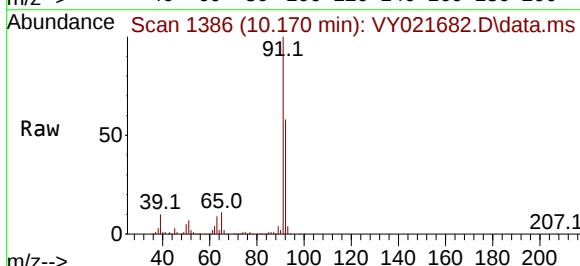
Acq: 28 Mar 2025 10:42

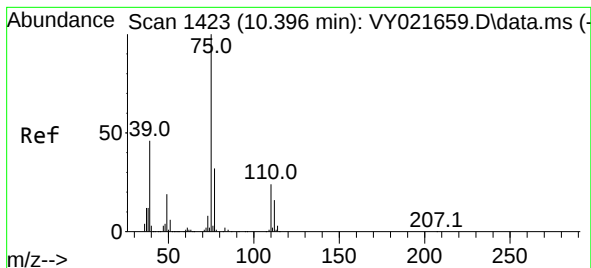
Tgt Ion: 92 Resp: 342904

Ion Ratio Lower Upper

92 100

91 172.1 138.6 207.8

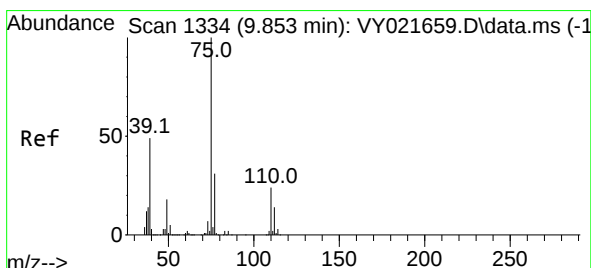
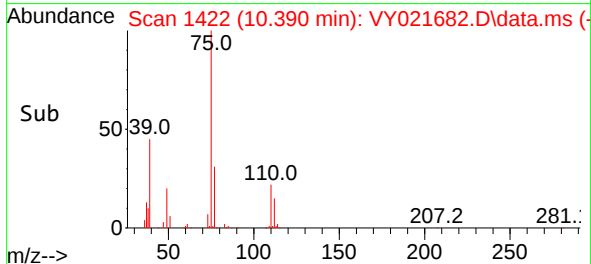
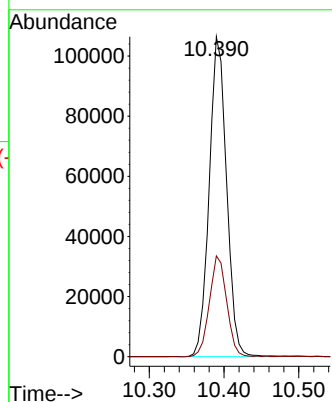
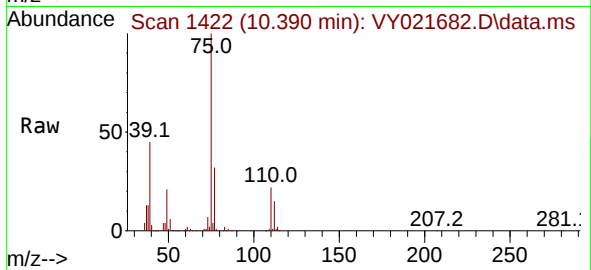




#53
 t-1,3-Dichloropropene
 Concen: 55.935 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

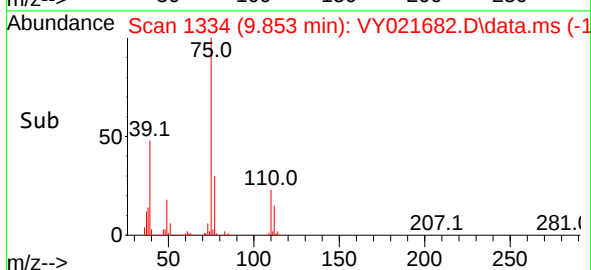
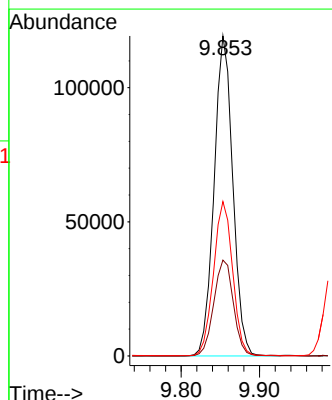
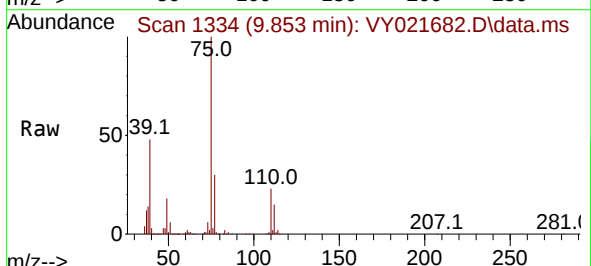
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

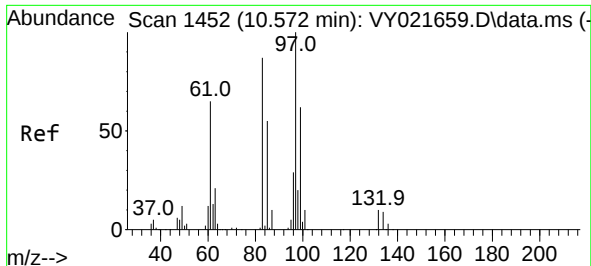
Tgt Ion: 75 Resp: 171485
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.800 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021682.D
 Acq: 28 Mar 2025 10:42

Tgt Ion: 75 Resp: 198200
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 48.2 39.2 58.8

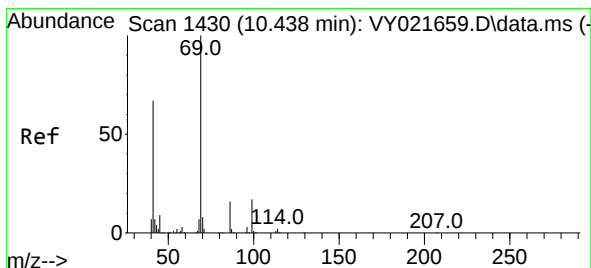
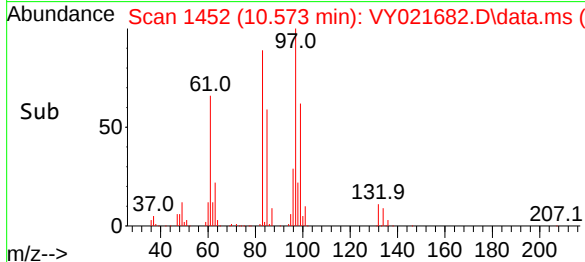
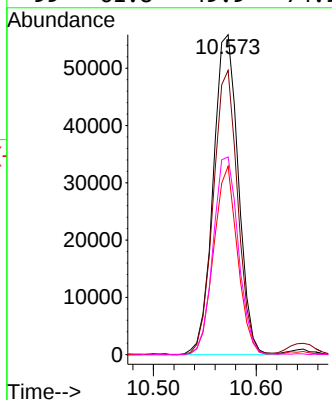
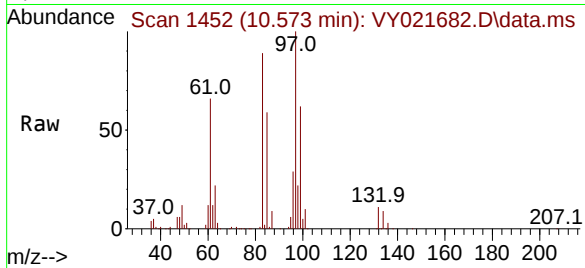




#55
1,1,2-Trichloroethane
Concen: 55.283 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

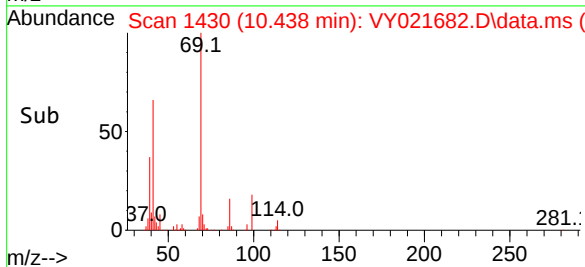
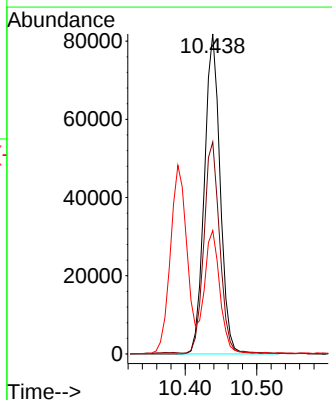
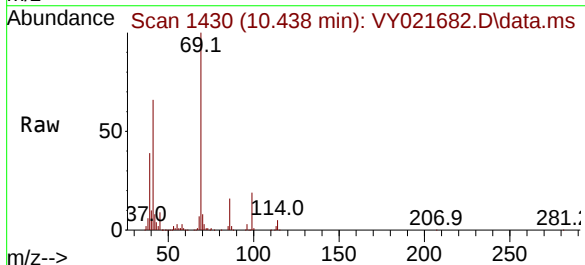
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	94766
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.5	104.3
85	58.9	43.9	65.9
99	61.8	49.9	74.9



#56
Ethyl methacrylate
Concen: 57.148 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion:	69	Resp:	125088
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.8	80.6
39	37.6	29.6	44.4





#57

1,3-Dichloropropane

Concen: 55.418 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

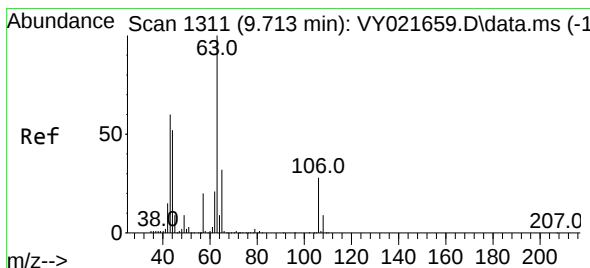
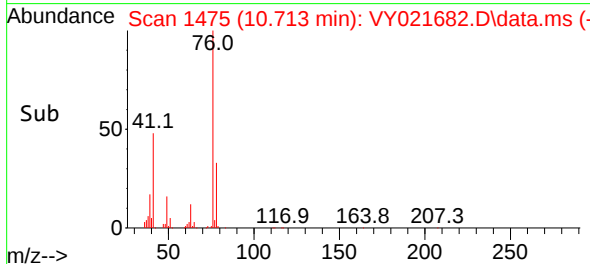
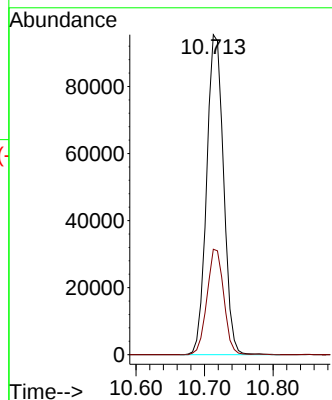
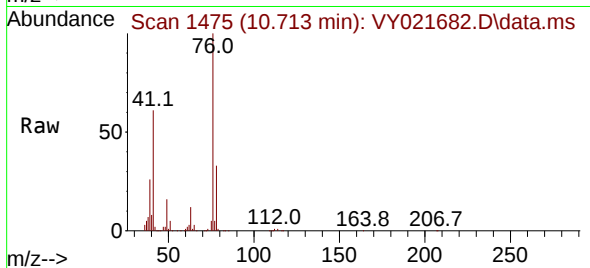
VSTDCCC050

Tgt Ion: 76 Resp: 164067

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.541 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021682.D

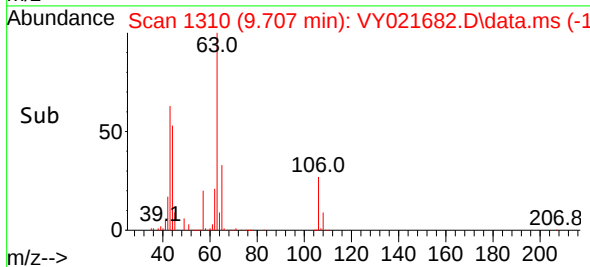
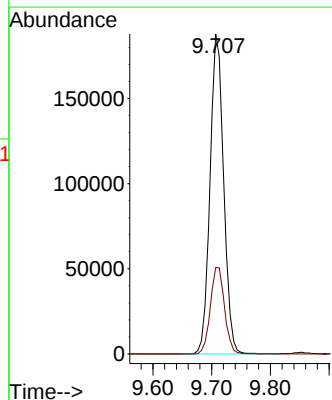
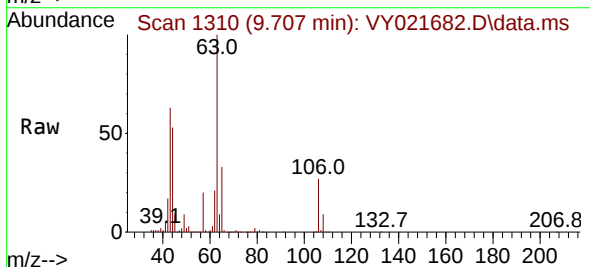
Acq: 28 Mar 2025 10:42

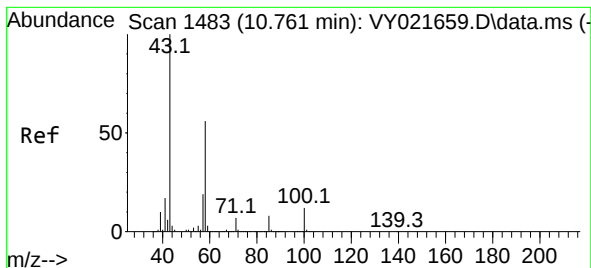
Tgt Ion: 63 Resp: 302761

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6

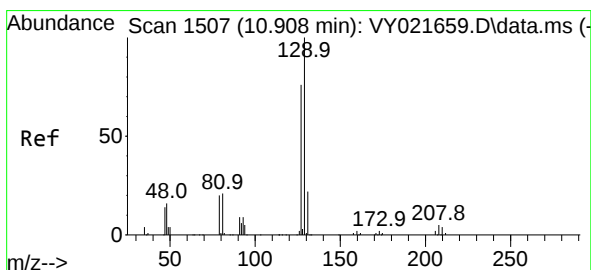
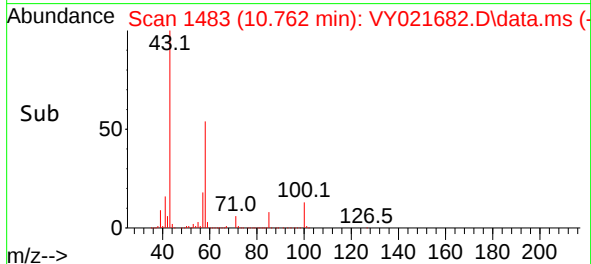
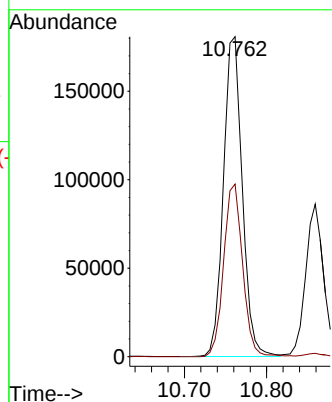
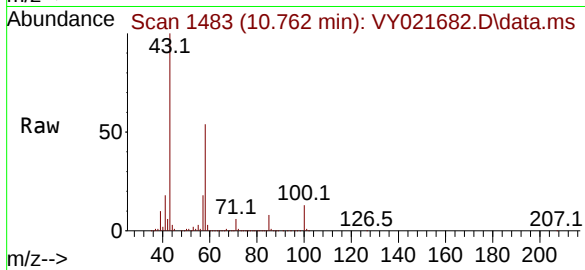




#59
2-Hexanone
Concen: 284.379 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

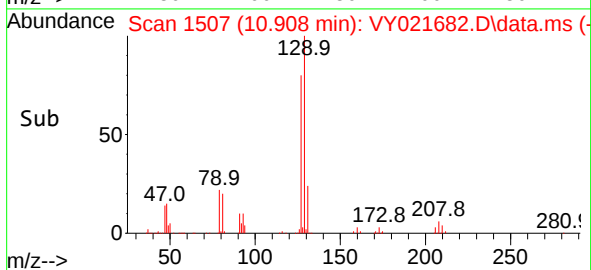
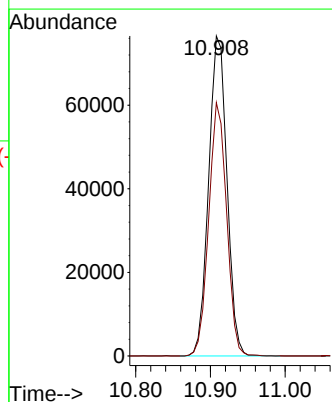
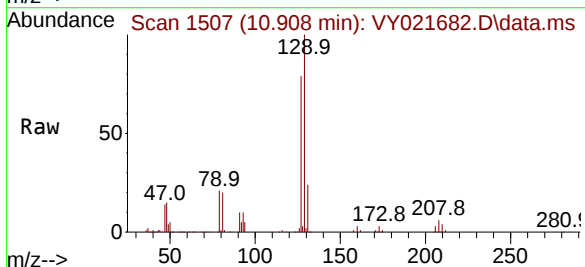
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

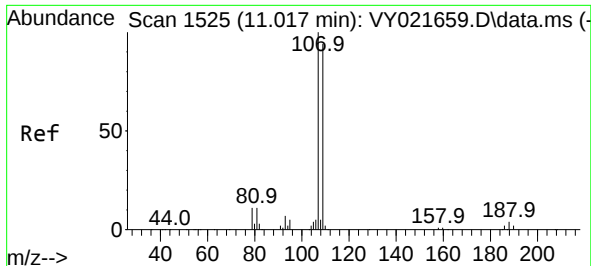
Tgt Ion: 43 Resp: 287407
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 55.650 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 129 Resp: 130245
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

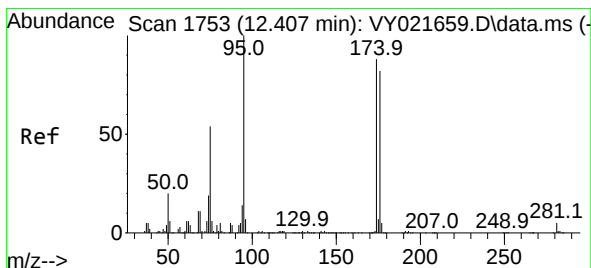
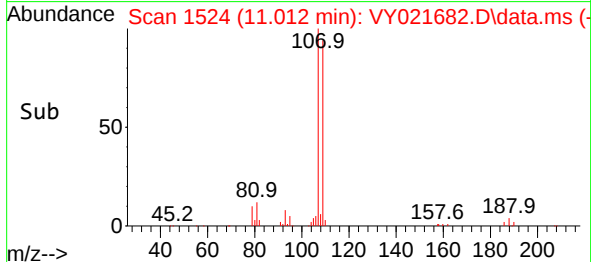
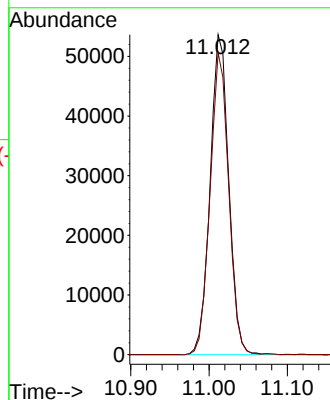
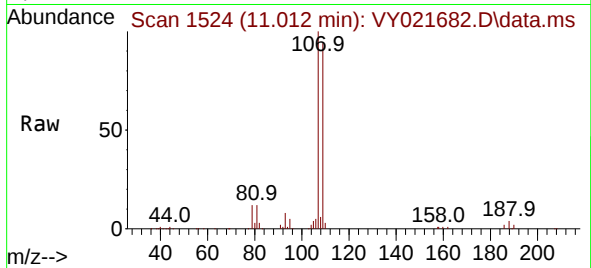




#61
1,2-Dibromoethane
Concen: 55.054 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

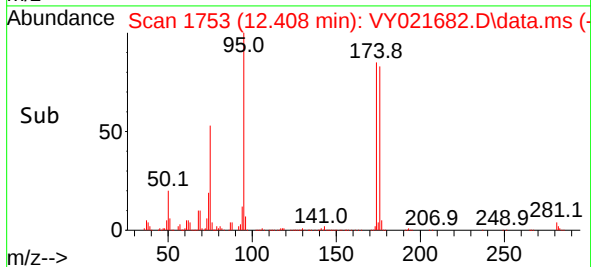
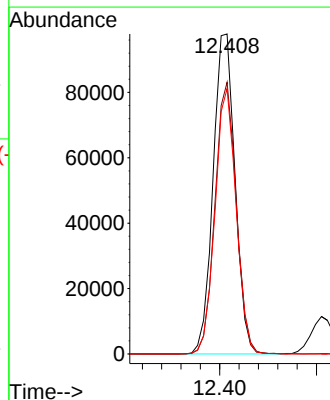
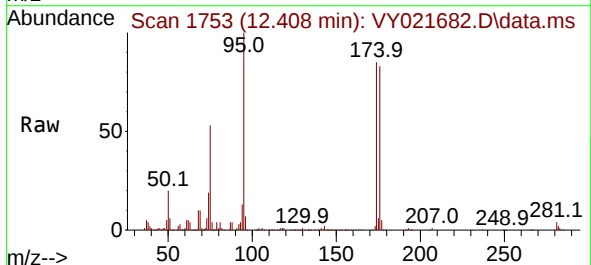
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

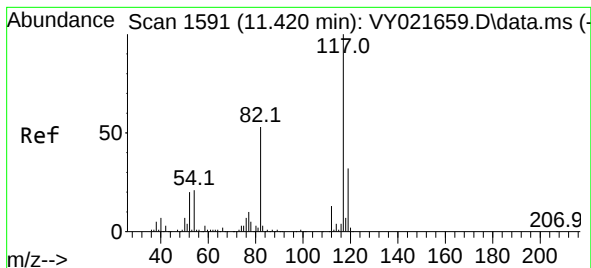
Tgt Ion:107 Resp: 88530
Ion Ratio Lower Upper
107 100
109 94.1 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.943 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 95 Resp: 154098
Ion Ratio Lower Upper
95 100
174 82.2 0.0 170.8
176 79.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

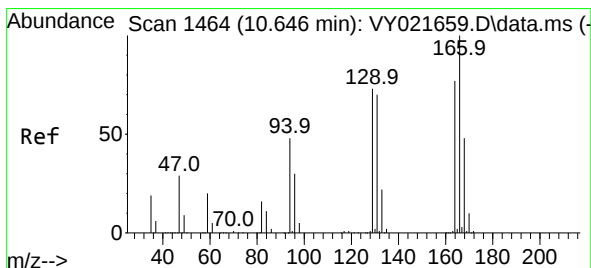
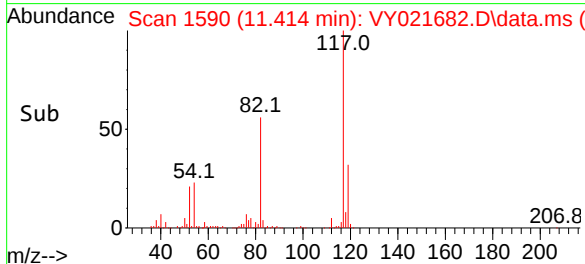
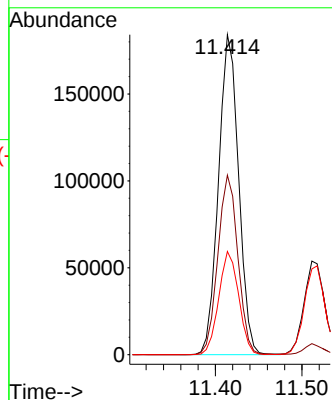
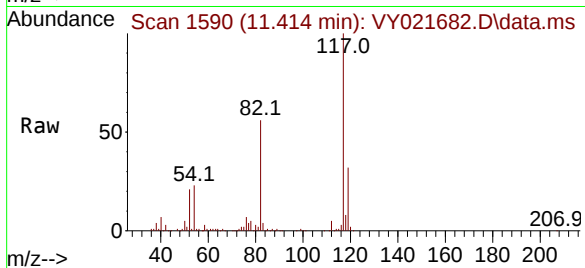
Tgt Ion:117 Resp: 297102

Ion Ratio Lower Upper

117 100

82 56.1 42.8 64.2

119 32.2 25.7 38.5



#64

Tetrachloroethene

Concen: 50.915 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Tgt Ion:164 Resp: 137772

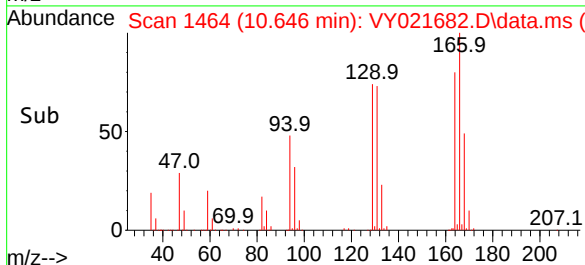
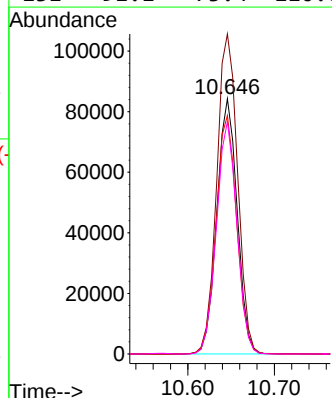
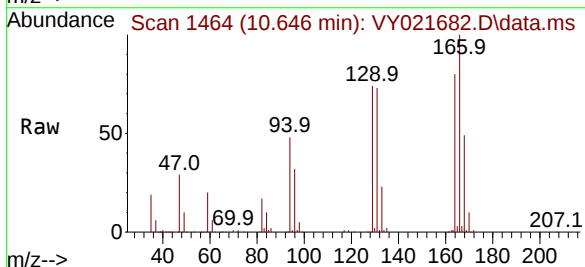
Ion Ratio Lower Upper

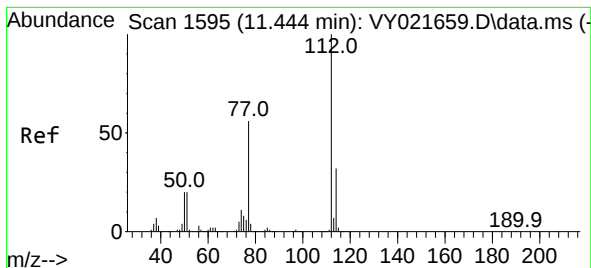
164 100

166 125.4 104.6 156.8

129 93.4 76.6 114.8

131 91.1 73.4 110.0





#65

Chlorobenzene

Concen: 53.850 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

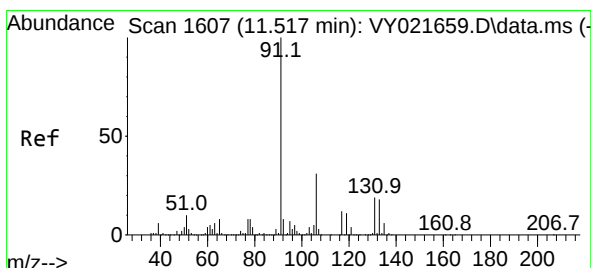
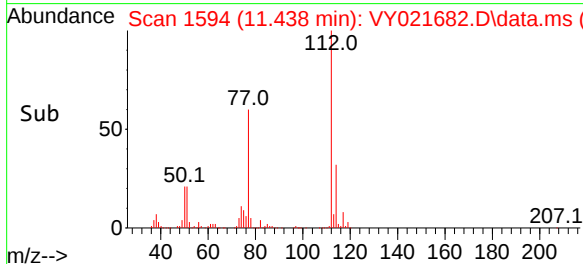
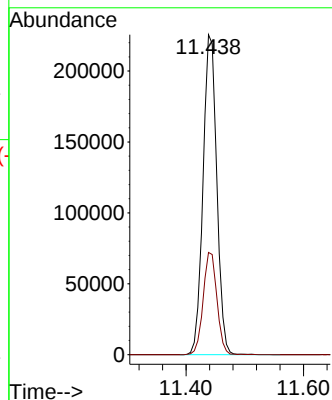
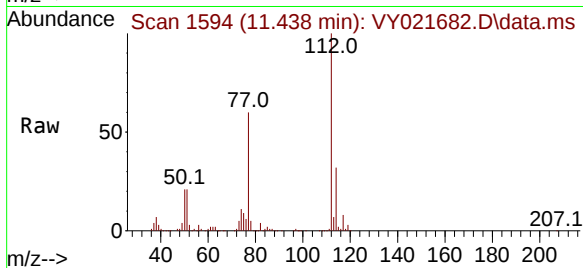
VSTDCCC050

Tgt Ion:112 Resp: 366751

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 54.168 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

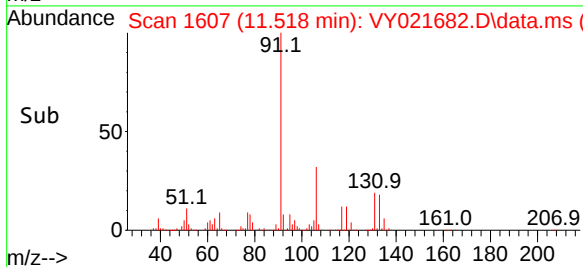
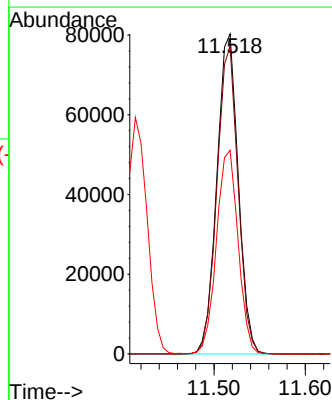
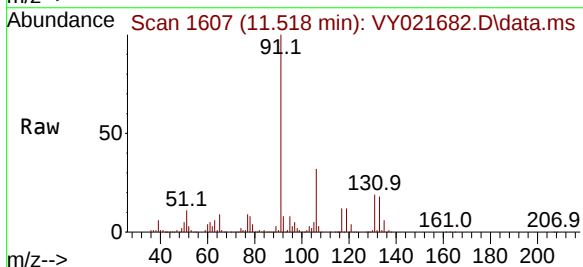
Tgt Ion:131 Resp: 130891

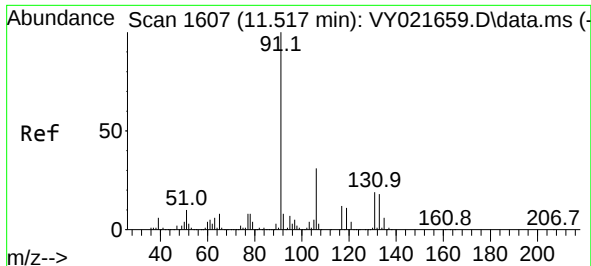
Ion Ratio Lower Upper

131 100

133 94.7 47.3 141.8

119 64.3 31.6 95.0





#67

Ethyl Benzene

Concen: 55.731 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

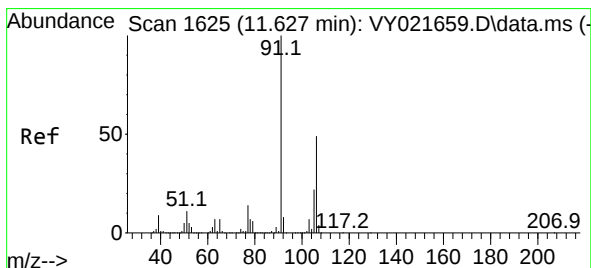
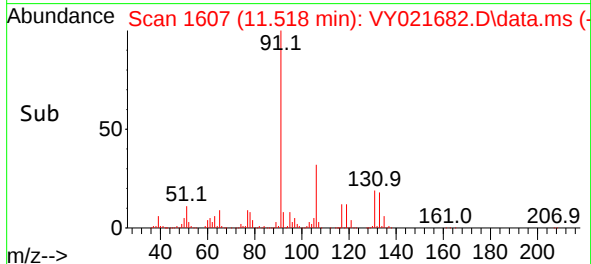
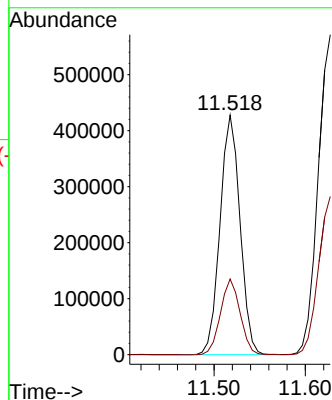
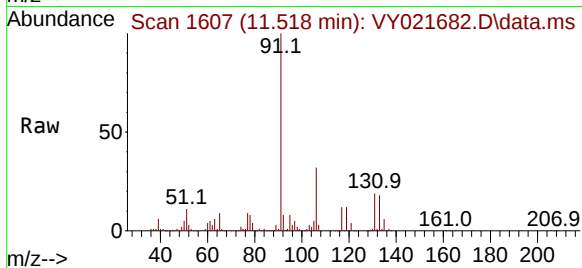
VSTDCCC050

Tgt Ion: 91 Resp: 650861

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 112.193 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021682.D

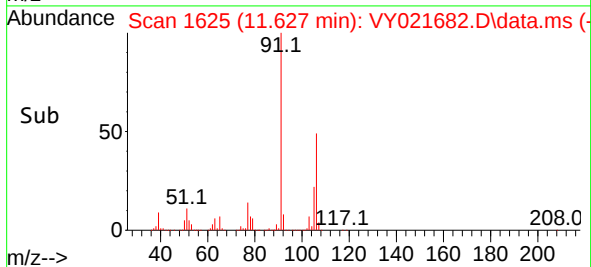
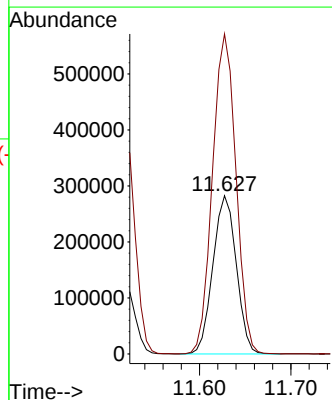
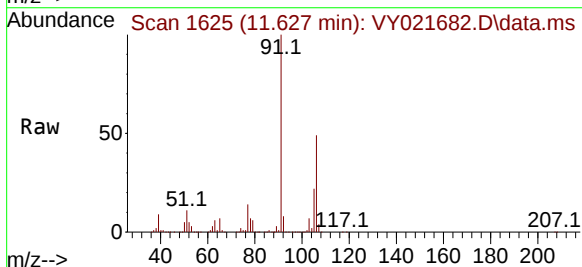
Acq: 28 Mar 2025 10:42

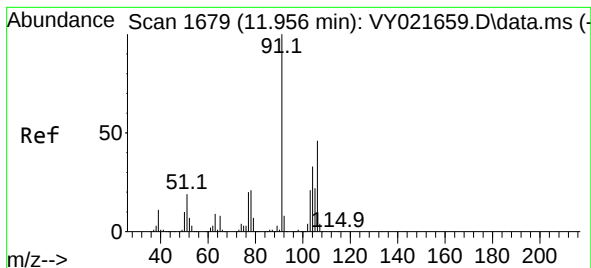
Tgt Ion:106 Resp: 501735

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6





#69

o-Xylene

Concen: 56.184 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

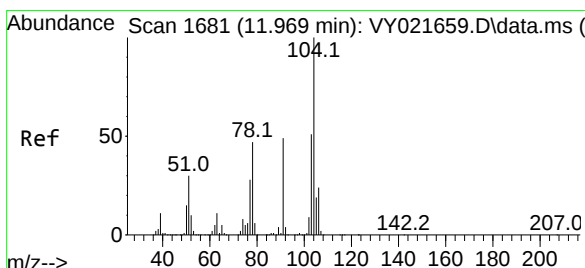
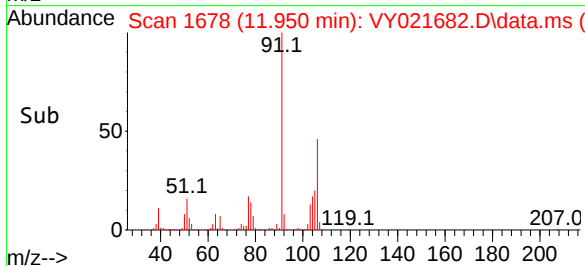
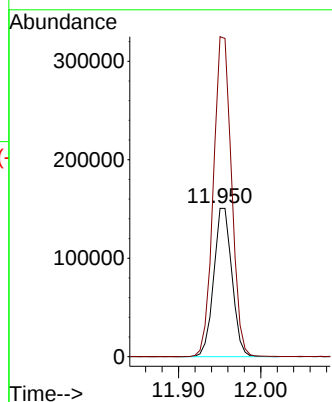
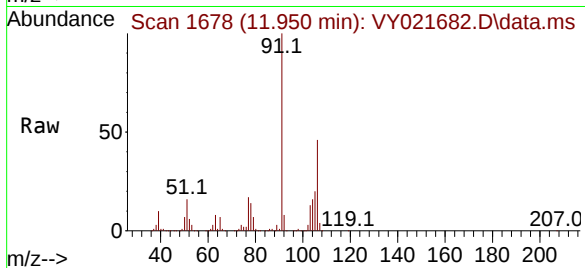
VSTDCCC050

Tgt Ion:106 Resp: 231932

Ion Ratio Lower Upper

106 100

91 215.2 106.7 319.9



#70

Styrene

Concen: 57.510 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

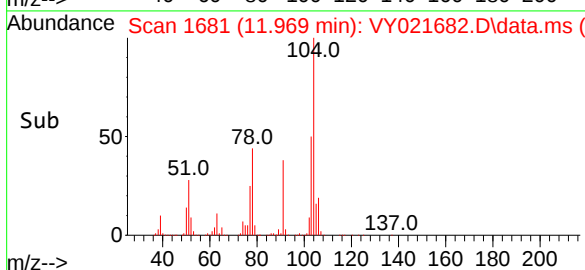
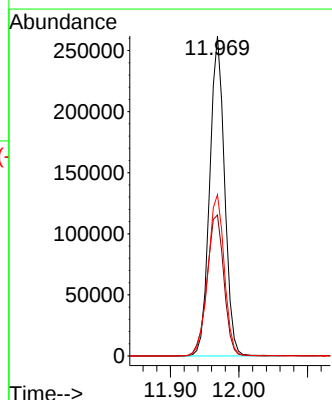
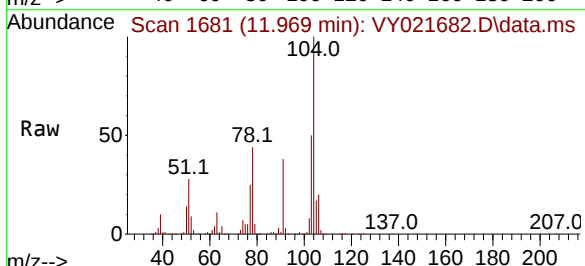
Tgt Ion:104 Resp: 395829

Ion Ratio Lower Upper

104 100

78 50.3 40.8 61.2

103 55.3 44.2 66.2





#71

Bromoform

Concen: 55.504 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

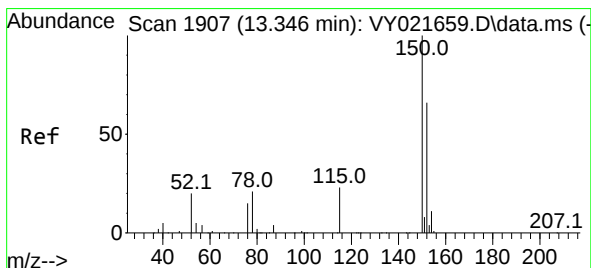
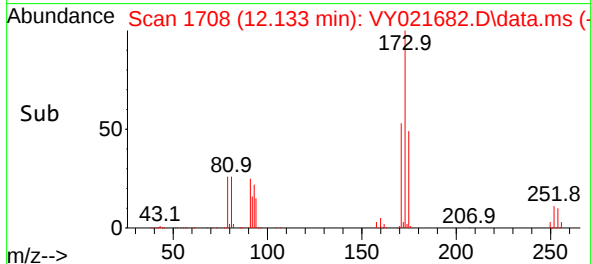
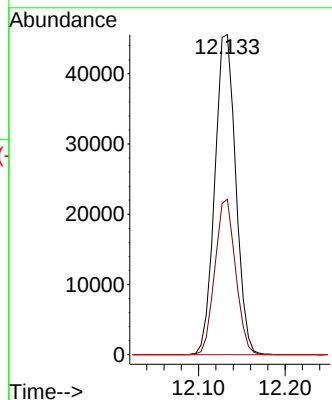
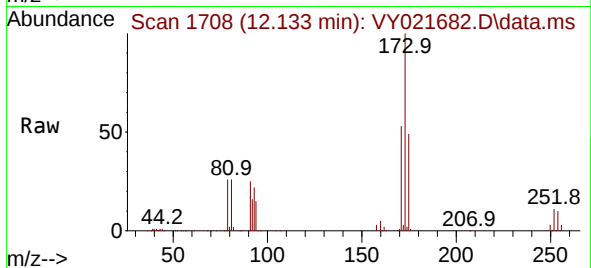
Tgt Ion:173 Resp: 76504

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 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: VY021682.D

Acq: 28 Mar 2025 10:42

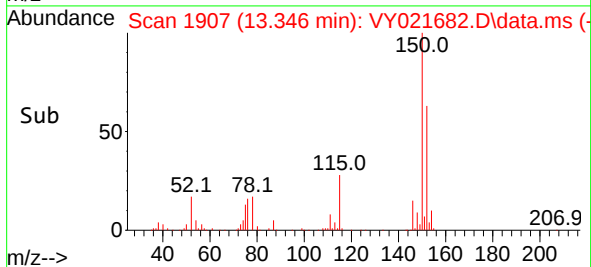
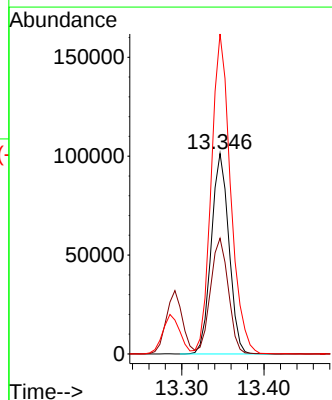
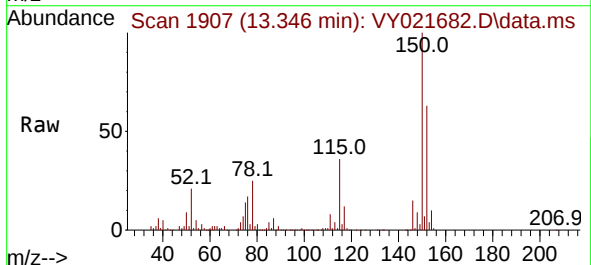
Tgt Ion:152 Resp: 151090

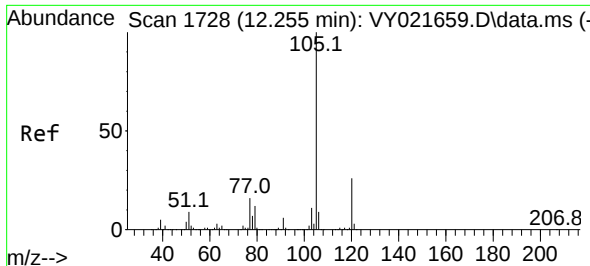
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 175.0 0.0 348.4

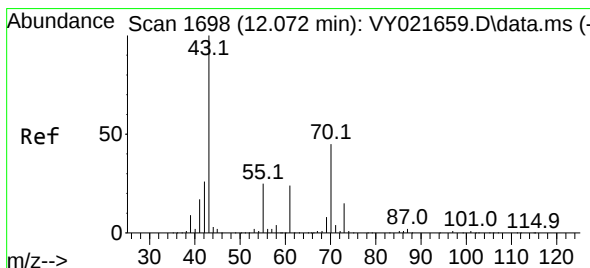
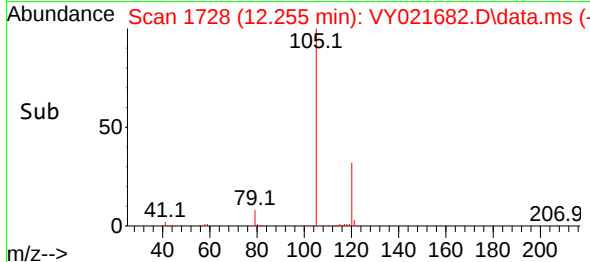
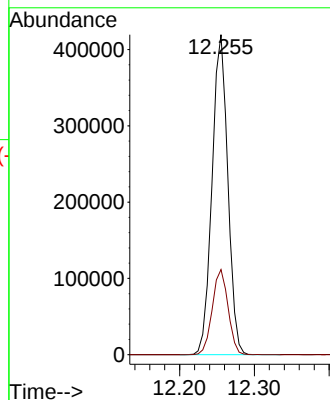
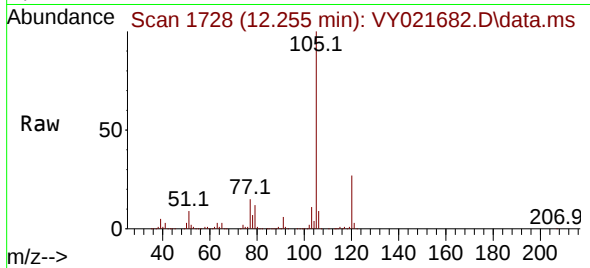




#73
Isopropylbenzene
Concen: 54.731 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

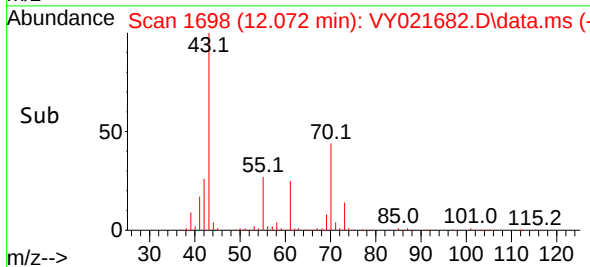
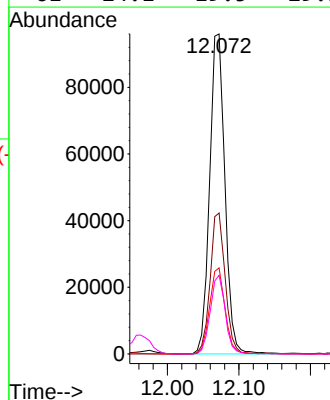
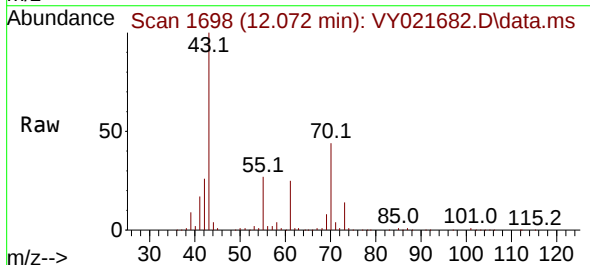
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

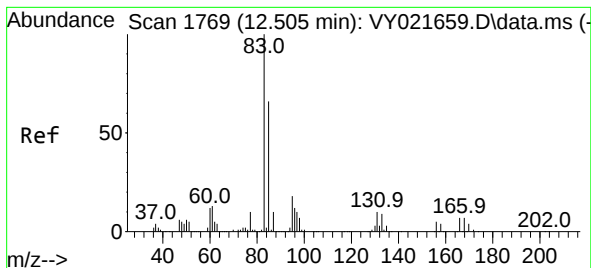
Tgt Ion:105 Resp: 614195
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 54.111 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 43 Resp: 142513
Ion Ratio Lower Upper
43 100
70 43.5 34.7 52.1
55 27.2 21.2 31.8
61 24.1 19.5 29.3





#75

1,1,2-Tetrachloroethane

Concen: 52.733 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

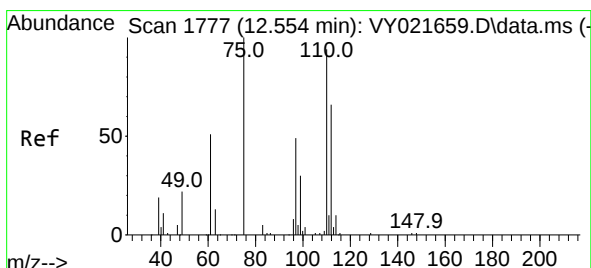
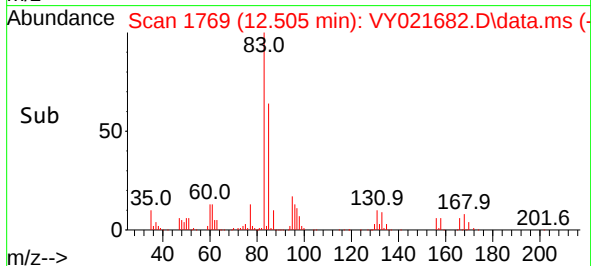
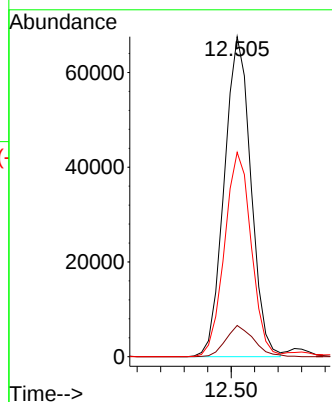
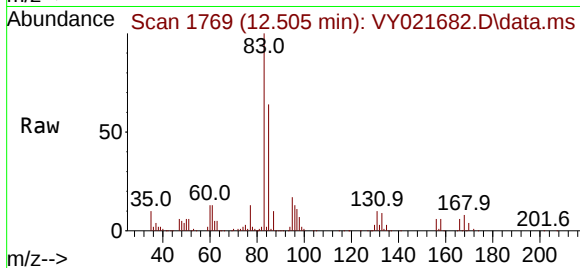
Tgt Ion: 83 Resp: 106395

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 96.427 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021682.D

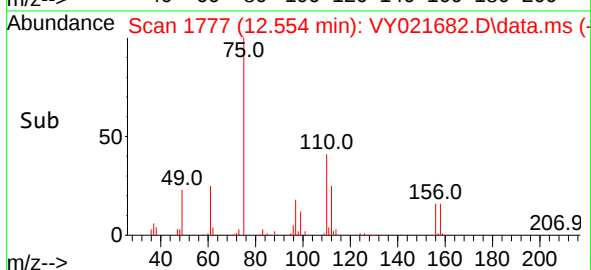
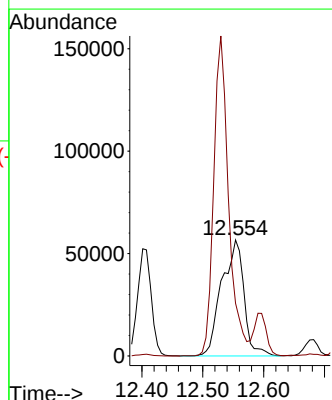
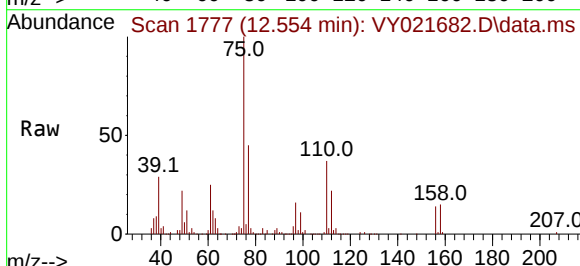
Acq: 28 Mar 2025 10:42

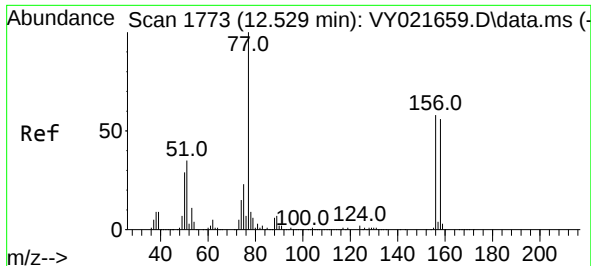
Tgt Ion: 75 Resp: 144418

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

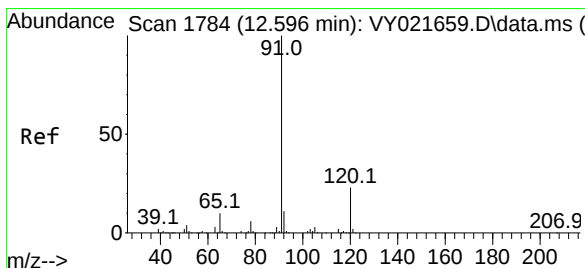
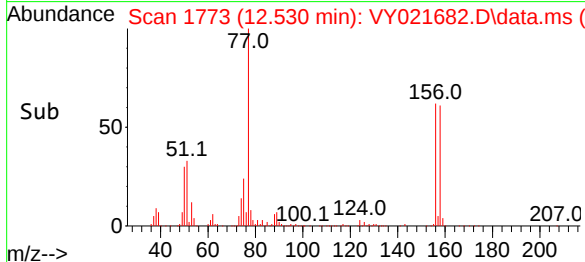
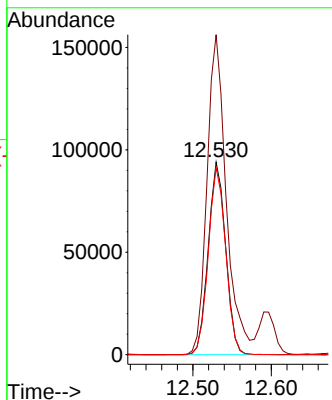
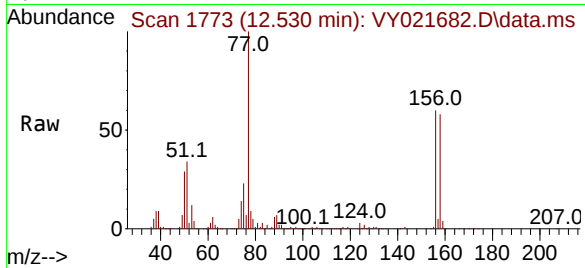




#77
Bromobenzene
Concen: 53.988 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

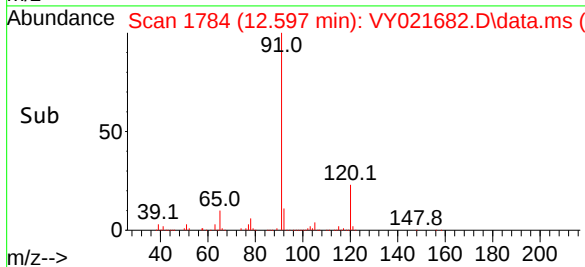
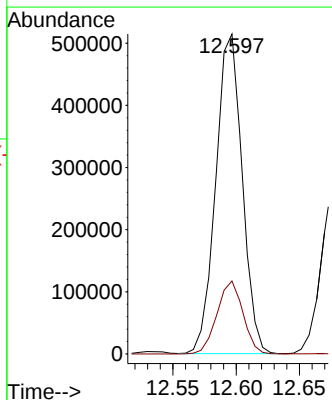
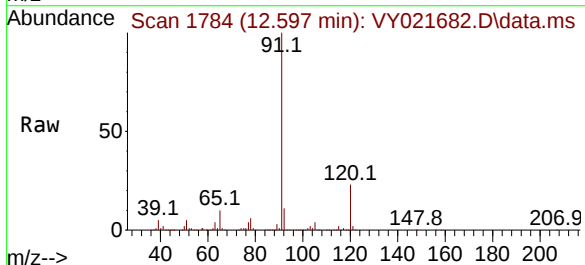
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

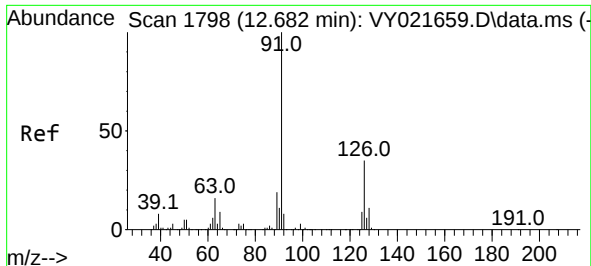
Tgt Ion:156 Resp: 145466
Ion Ratio Lower Upper
156 100
77 182.5 92.8 278.3
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 55.292 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 91 Resp: 745971
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 54.411 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

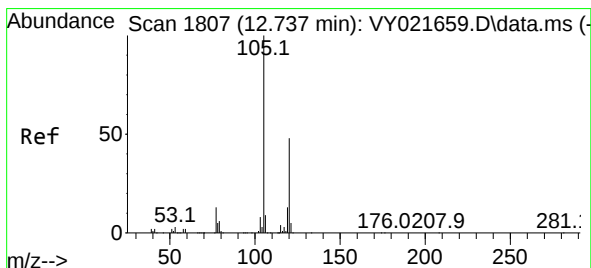
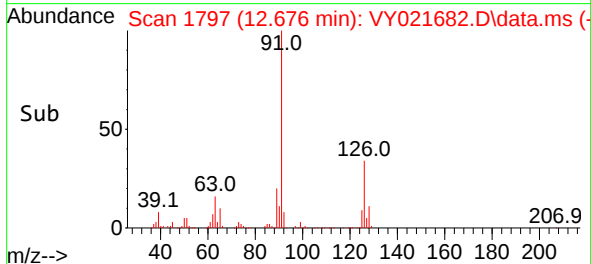
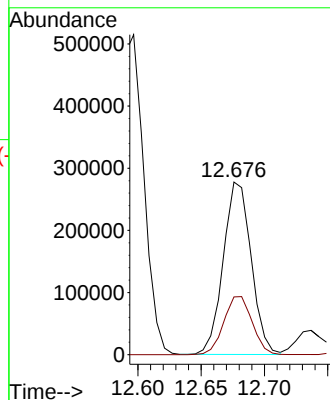
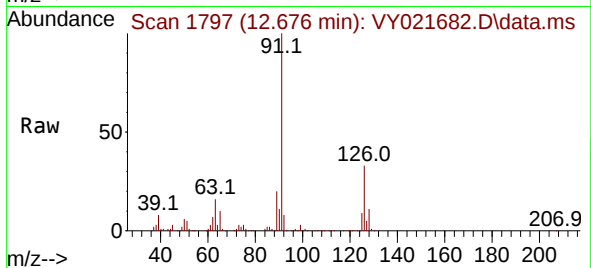
VSTDCCC050

Tgt Ion: 91 Resp: 426370

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 55.616 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021682.D

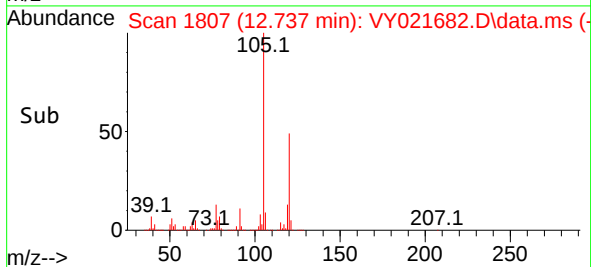
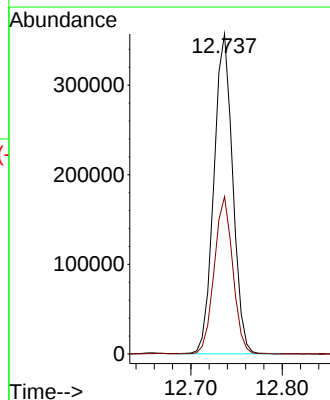
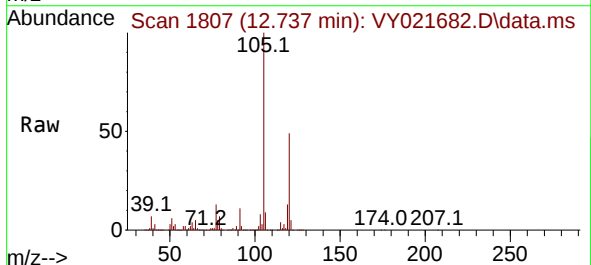
Acq: 28 Mar 2025 10:42

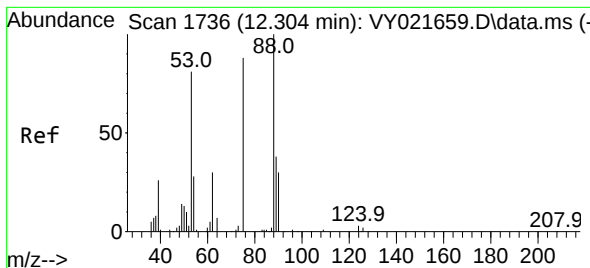
Tgt Ion: 105 Resp: 510087

Ion Ratio Lower Upper

105 100

120 48.5 24.5 73.5

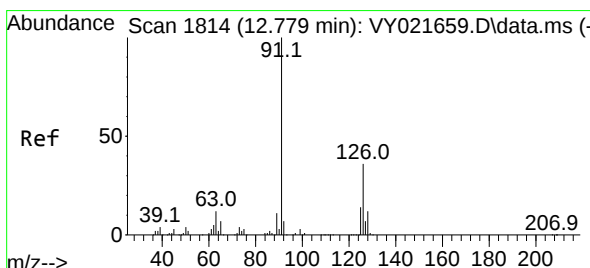
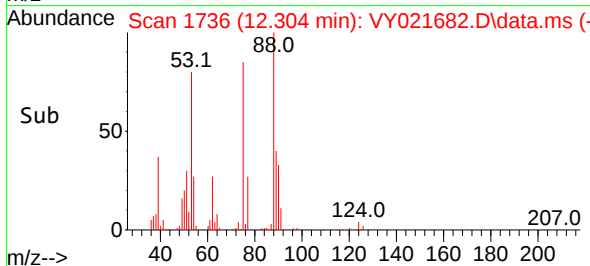
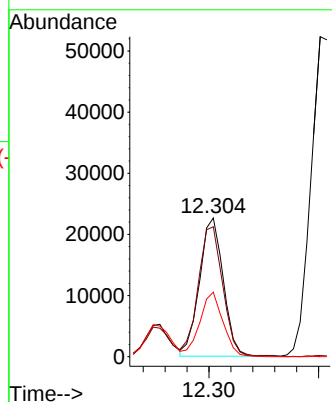
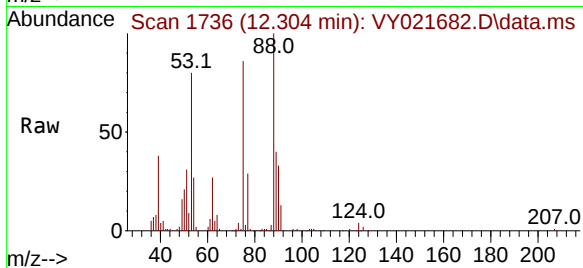




#81
trans-1,4-Dichloro-2-butene
Concen: 52.602 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

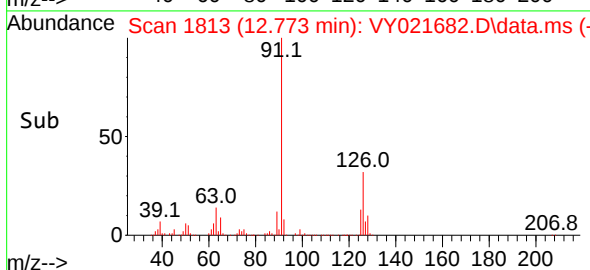
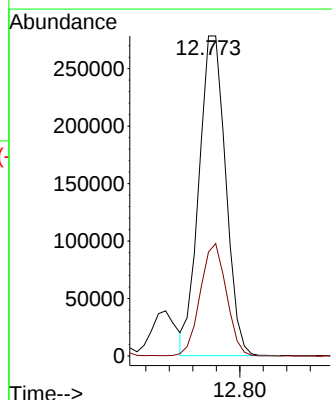
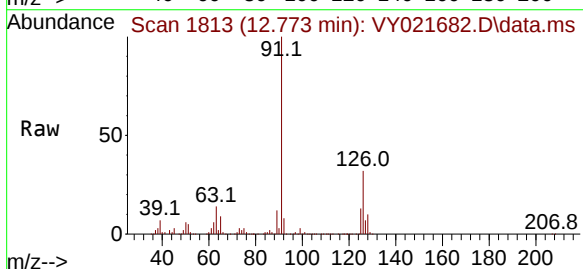
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

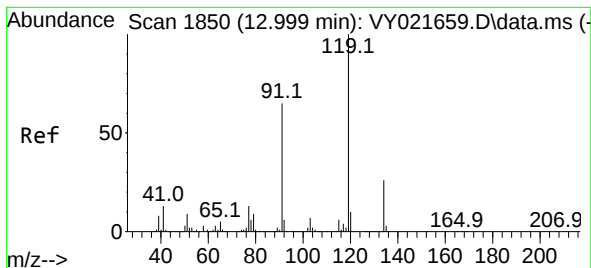
Tgt Ion: 75 Resp: 34191
Ion Ratio Lower Upper
75 100
53 97.3 76.1 114.1
89 45.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.730 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 91 Resp: 438952
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9

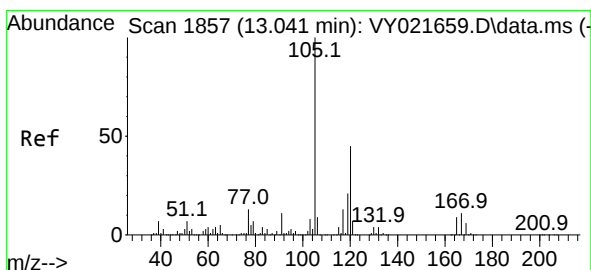
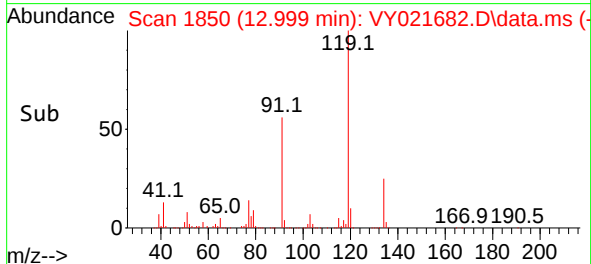
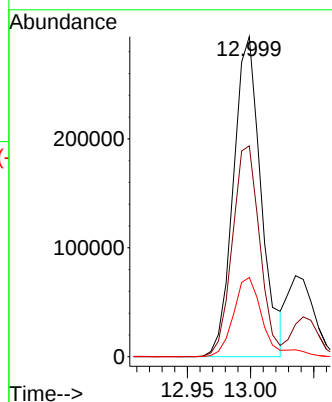
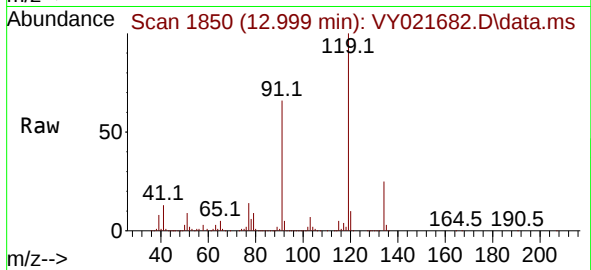




#83
tert-Butylbenzene
Concen: 54.771 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

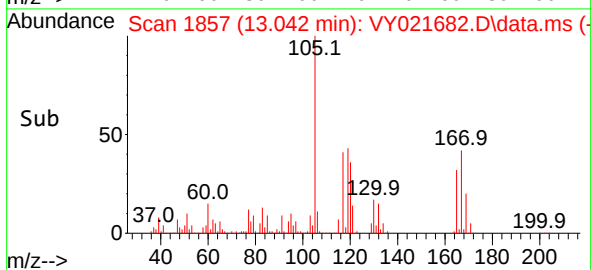
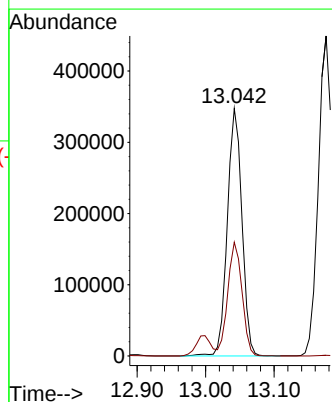
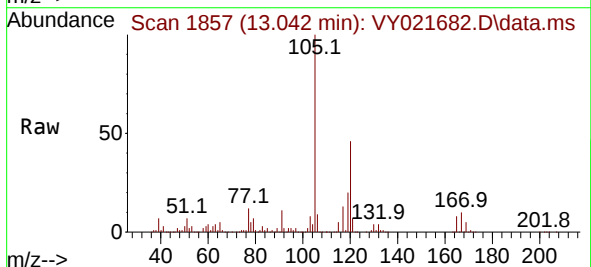
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

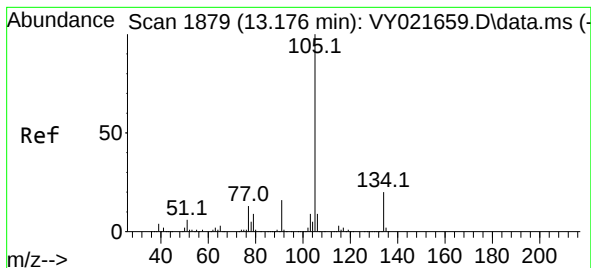
Tgt Ion:119 Resp: 447431
Ion Ratio Lower Upper
119 100
91 65.2 32.6 97.7
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 56.504 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion:105 Resp: 512202
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.761 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

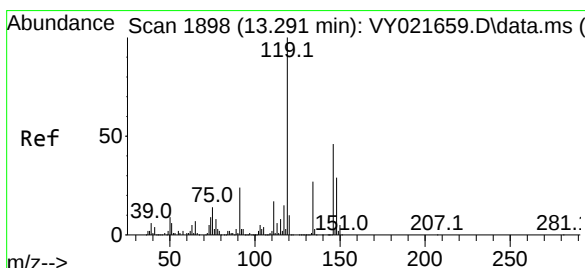
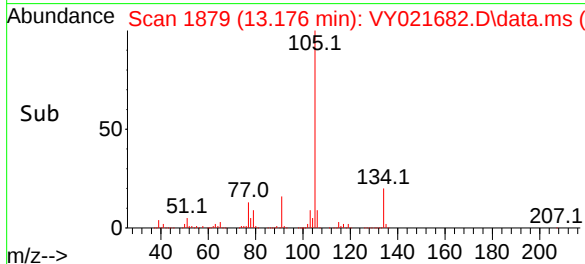
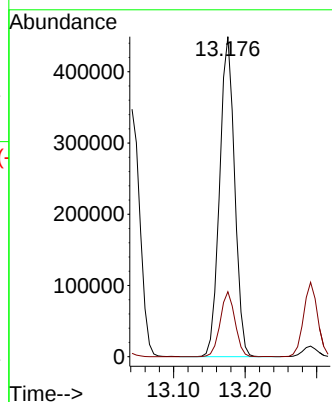
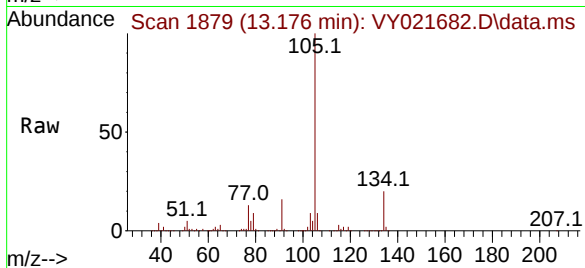
VSTDCCC050

Tgt Ion:105 Resp: 653760

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.395 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

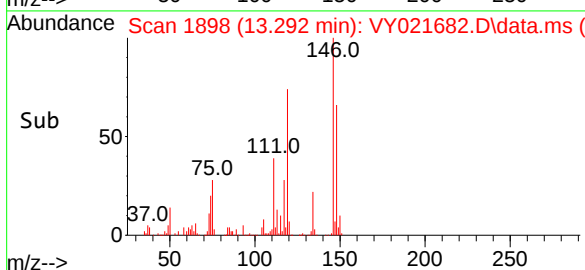
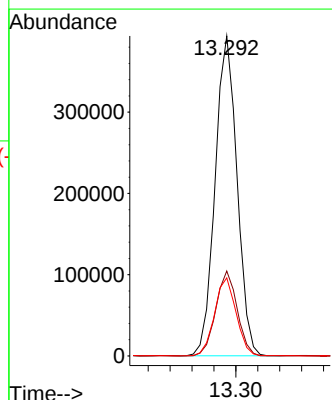
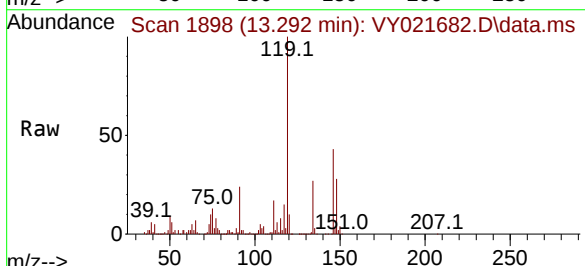
Tgt Ion:119 Resp: 546596

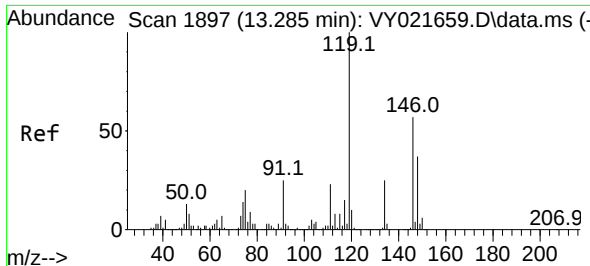
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 24.0 12.0 36.0

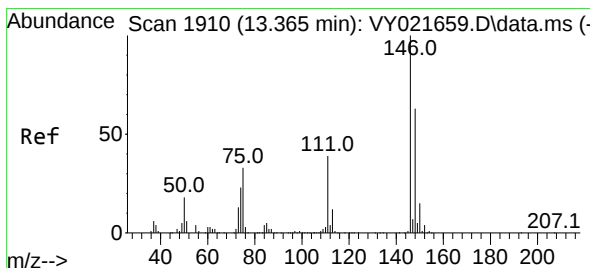
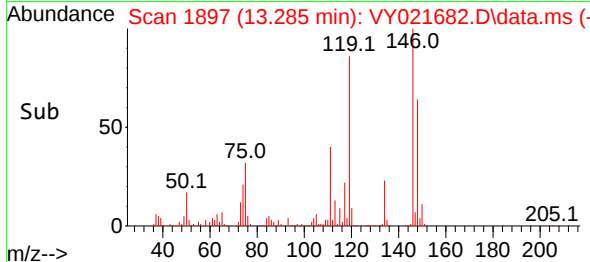
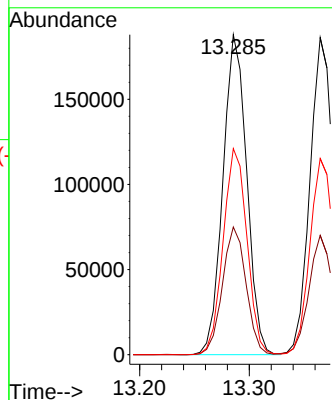
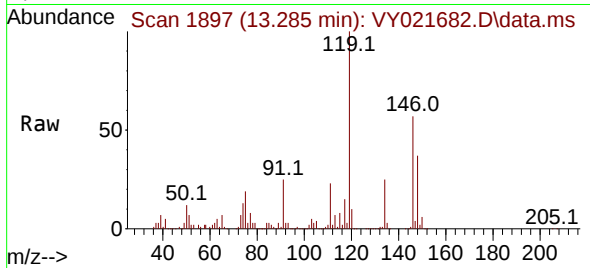




#87
1,3-Dichlorobenzene
Concen: 53.415 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

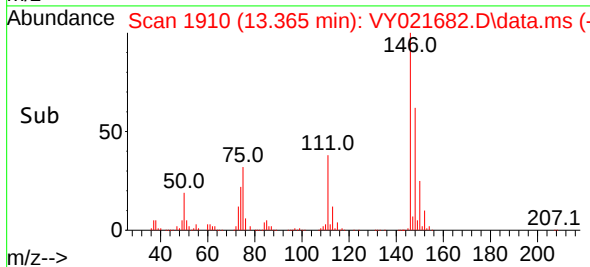
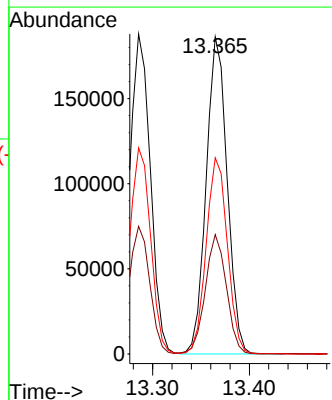
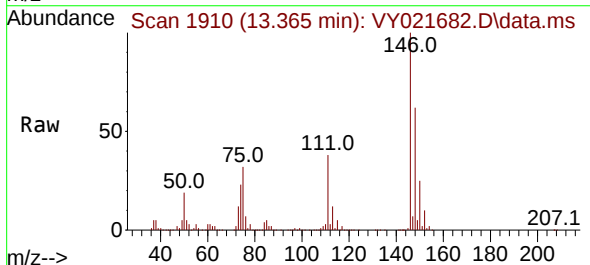
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

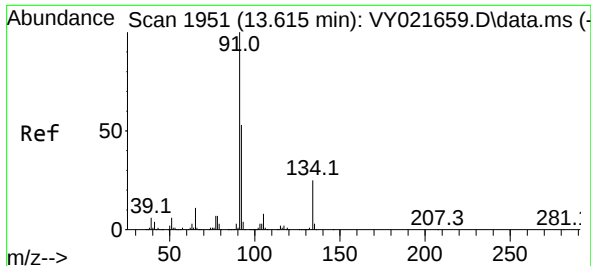
Tgt Ion:146 Resp: 283551
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 64.4 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 53.681 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion:146 Resp: 281544
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 62.6 31.5 94.5

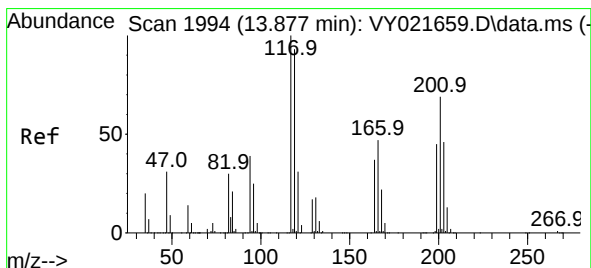
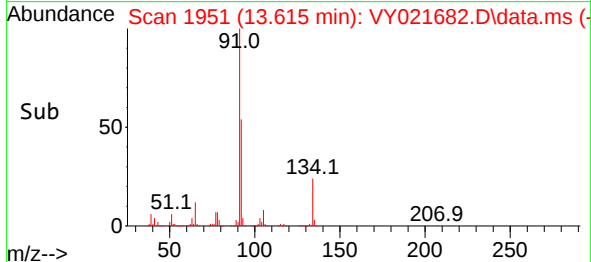
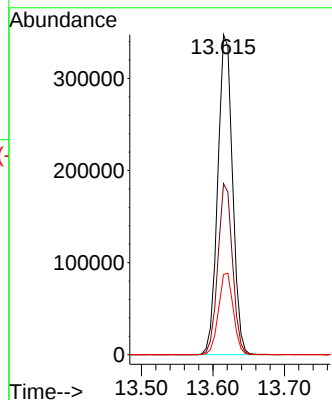
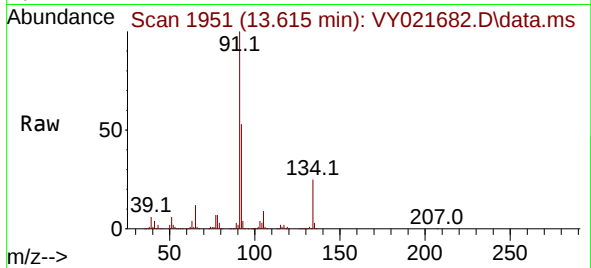




#89
n-Butylbenzene
Concen: 54.626 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

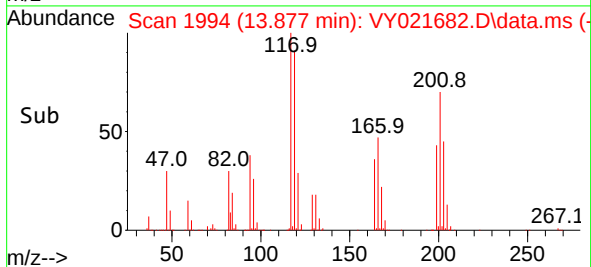
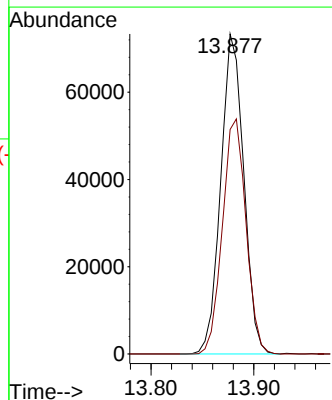
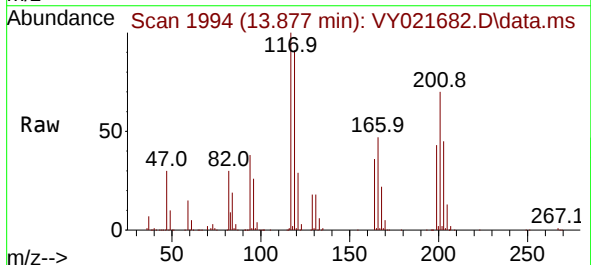
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

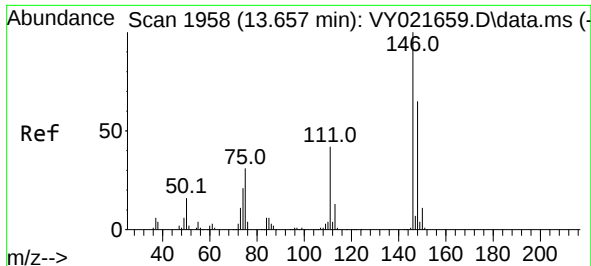
Tgt Ion: 91 Resp: 498481
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 25.5 12.8 38.4



#90
Hexachloroethane
Concen: 52.605 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 117 Resp: 113745
Ion Ratio Lower Upper
117 100
201 75.4 37.4 112.1

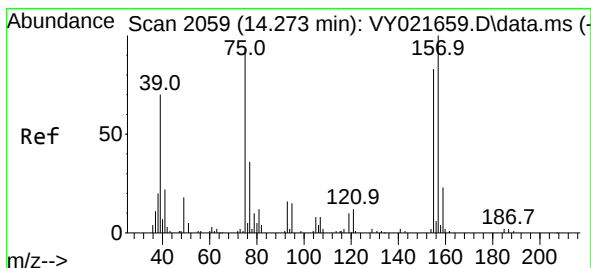
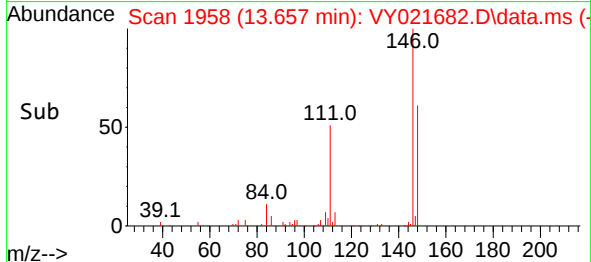
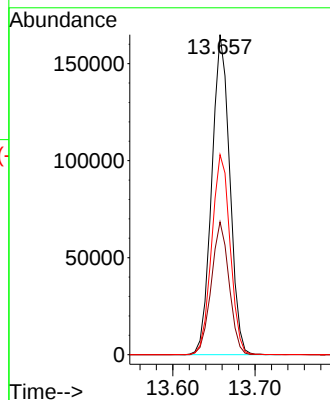
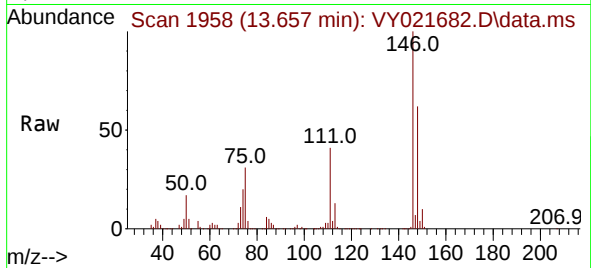




#91
1,2-Dichlorobenzene
Concen: 54.293 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

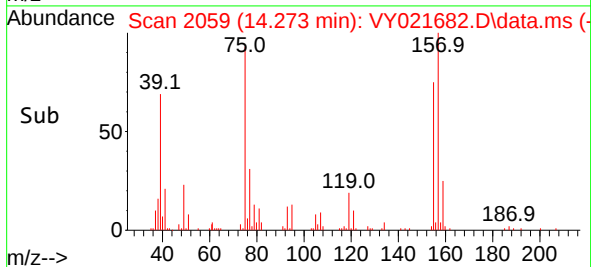
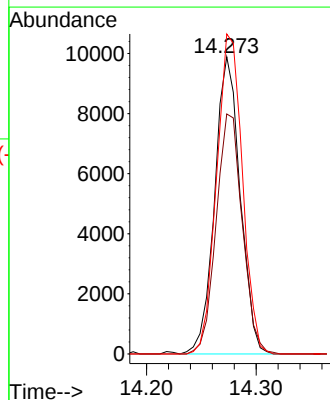
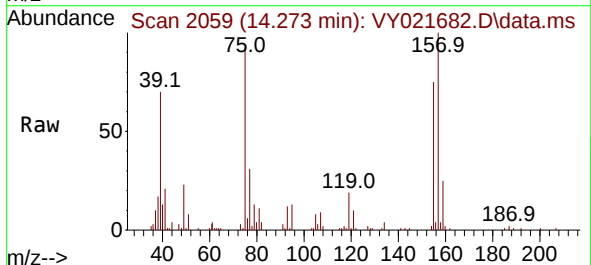
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

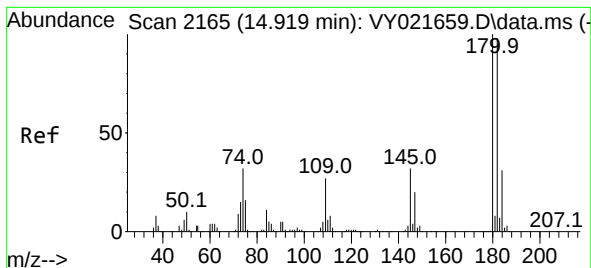
Tgt Ion:146 Resp: 250892
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.172 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021682.D
Acq: 28 Mar 2025 10:42

Tgt Ion: 75 Resp: 16002
Ion Ratio Lower Upper
75 100
155 82.7 43.0 128.8
157 108.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 53.047 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

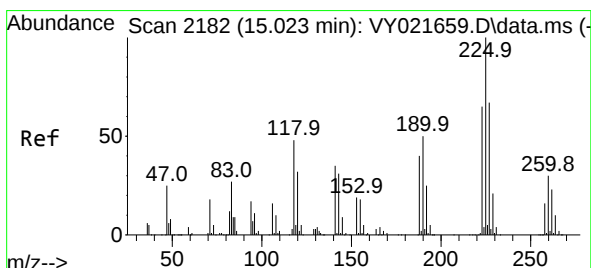
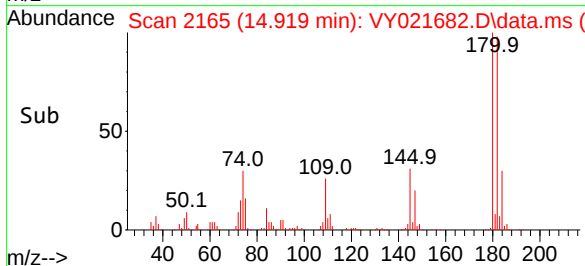
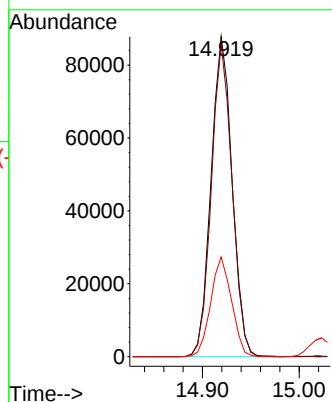
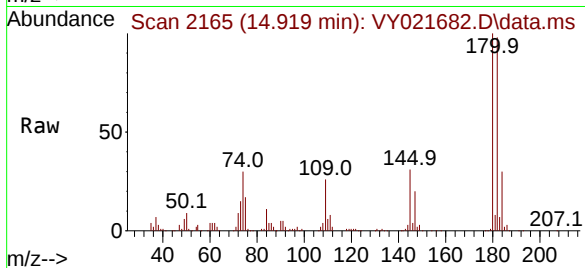
Tgt Ion:180 Resp: 132935

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 30.8 14.9 44.9



#94

Hexachlorobutadiene

Concen: 51.838 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

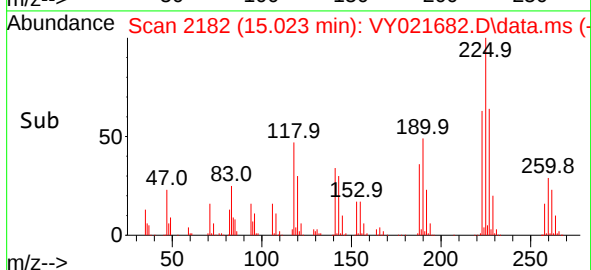
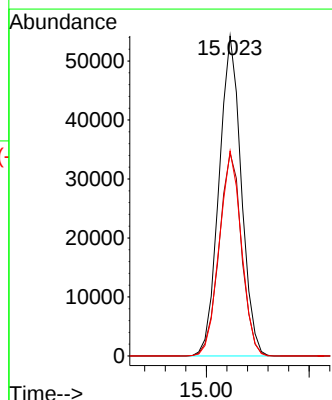
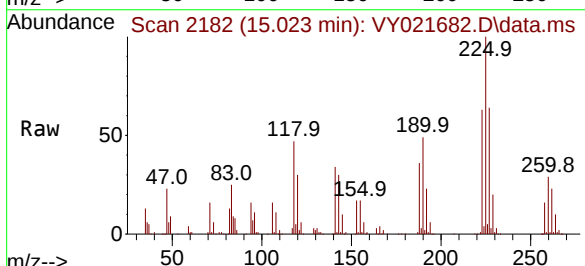
Tgt Ion:225 Resp: 81130

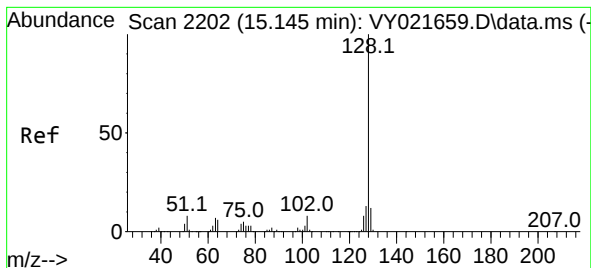
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 56.275 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

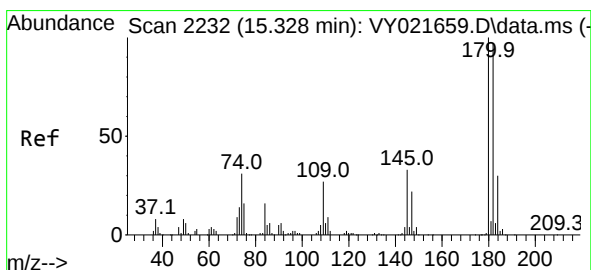
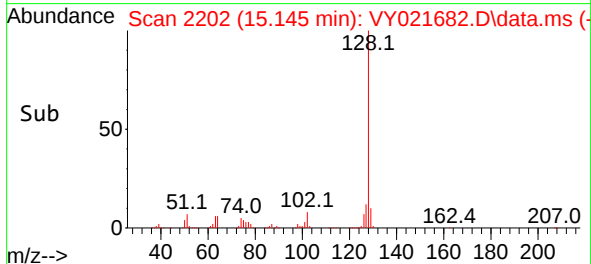
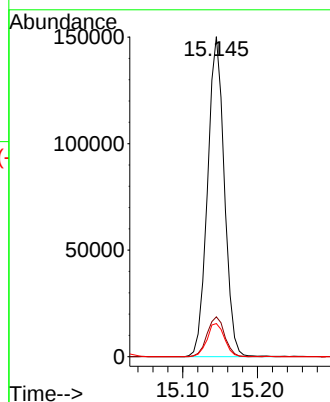
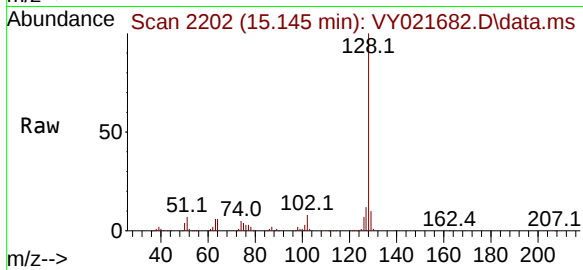
Tgt Ion:128 Resp: 233754

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.158 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021682.D

Acq: 28 Mar 2025 10:42

Tgt Ion:180 Resp: 115735

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 32.3 15.9 47.7

