

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021764.D
 Acq On : 03 Apr 2025 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 01:29:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	208234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	319384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116052	51.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.634	113	113922	54.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.109	98	435291	55.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	12.408	95	149156	55.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	103673	48.035	ug/l	98
3) Chloromethane	2.068	50	148598	48.964	ug/l	100
4) Vinyl Chloride	2.202	62	166451	48.497	ug/l	100
5) Bromomethane	2.598	94	112589	48.097	ug/l	97
6) Chloroethane	2.733	64	113241	50.422	ug/l	100
7) Trichlorofluoromethane	3.062	101	219281	49.875	ug/l	96
8) Diethyl Ether	3.452	74	58317	48.774	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	118484	51.095	ug/l	99
10) Methyl Iodide	4.007	142	141011	55.430	ug/l	99
11) Tert butyl alcohol	4.860	59	30820	210.313	ug/l	97
12) 1,1-Dichloroethene	3.787	96	110190	50.449	ug/l	96
13) Acrolein	3.653	56	31138	116.369	ug/l	99
14) Allyl chloride	4.385	41	180081	51.711	ug/l	100
15) Acrylonitrile	5.061	53	120826	242.027	ug/l	98
16) Acetone	3.873	43	91614	198.408	ug/l	99
17) Carbon Disulfide	4.104	76	366366	50.926	ug/l	99
18) Methyl Acetate	4.385	43	69666	60.876	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	276856	50.913	ug/l	98
20) Methylene Chloride	4.610	84	124953	55.747	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	126149	52.456	ug/l	97
22) Diisopropyl ether	6.019	45	397768	54.449	ug/l	98
23) Vinyl Acetate	5.958	43	1064692	249.130	ug/l	100
24) 1,1-Dichloroethane	5.915	63	230297	52.721	ug/l	99
25) 2-Butanone	6.890	43	150392	228.034	ug/l	96
26) 2,2-Dichloropropane	6.884	77	201487	51.854	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	143369	53.013	ug/l	99
28) Bromochloromethane	7.250	49	95540	51.861	ug/l	100
29) Tetrahydrofuran	7.262	42	102906	242.441	ug/l	99
30) Chloroform	7.421	83	238543	52.503	ug/l	95
31) Cyclohexane	7.701	56	196932	49.456	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	214846	52.320	ug/l	99
36) 1,1-Dichloropropene	7.835	75	169762	53.796	ug/l	98
37) Ethyl Acetate	6.982	43	71429	47.962	ug/l	99
38) Carbon Tetrachloride	7.817	117	195894	54.200	ug/l	99
39) Methylcyclohexane	9.109	83	204856	54.342	ug/l	99
40) Benzene	8.079	78	521326	55.164	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	37699	47.665	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	141991	53.296	ug/l	100
43) Isopropyl Acetate	8.195	43	138980	49.243	ug/l	99
44) Trichloroethene	8.866	130	131603	54.655	ug/l	98
45) 1,2-Dichloropropane	9.140	63	123336	55.135	ug/l	100
46) Dibromomethane	9.231	93	69562	53.957	ug/l	97
47) Bromodichloromethane	9.420	83	184690	55.286	ug/l	97
48) Methyl methacrylate	9.219	41	66713	51.503	ug/l	98
49) 1,4-Dioxane	9.231	88	14046	1017.026	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	379583	258.444	ug/l	100
52) Toluene	10.170	92	334440	56.721	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	161445	54.410	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	191551	54.721	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	89259	53.800	ug/l	99
56) Ethyl methacrylate	10.438	69	114225	53.919	ug/l	99
57) 1,3-Dichloropropane	10.719	76	157315	54.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	276622	267.669	ug/l	99
59) 2-Hexanone	10.762	43	249690	255.268	ug/l	100
60) Dibromochloromethane	10.908	129	123607	54.568	ug/l	99
61) 1,2-Dibromoethane	11.012	107	83996	53.970	ug/l	98
64) Tetrachloroethene	10.646	164	146393	55.379	ug/l	98
65) Chlorobenzene	11.444	112	356640	53.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	128088	54.261	ug/l	99
67) Ethyl Benzene	11.518	91	633513	55.527	ug/l	99
68) m/p-Xylenes	11.627	106	488843	111.893	ug/l	100
69) o-Xylene	11.957	106	226654	56.203	ug/l	100
70) Styrene	11.969	104	384904	57.244	ug/l	99
71) Bromoform	12.133	173	71596	53.171	ug/l	99
73) Isopropylbenzene	12.255	105	596060	53.748	ug/l	100
74) N-amyl acetate	12.072	43	126940	48.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	95922	48.109	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	132933	89.816	ug/l #	100
77) Bromobenzene	12.530	156	140969	52.942	ug/l	98
78) n-propylbenzene	12.597	91	732017	54.904	ug/l	99
79) 2-Chlorotoluene	12.682	91	412314	53.244	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	498587	55.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31935	49.716	ug/l	97
82) 4-Chlorotoluene	12.780	91	431611	53.461	ug/l	100
83) tert-Butylbenzene	12.999	119	434140	53.777	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	492689	54.999	ug/l	100
85) sec-Butylbenzene	13.176	105	640568	54.295	ug/l	100
86) p-Isopropyltoluene	13.292	119	538043	55.178	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	276842	52.772	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270091	52.110	ug/l	99
89) n-Butylbenzene	13.621	91	491103	54.459	ug/l	100
90) Hexachloroethane	13.877	117	110741	51.825	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	241365	52.853	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15130	48.960	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	132669	53.571	ug/l	99
94) Hexachlorobutadiene	15.023	225	78028	50.449	ug/l	99
95) Naphthalene	15.145	128	215244	52.436	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112449	53.247	ug/l	99

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Response via : Initial Calibration

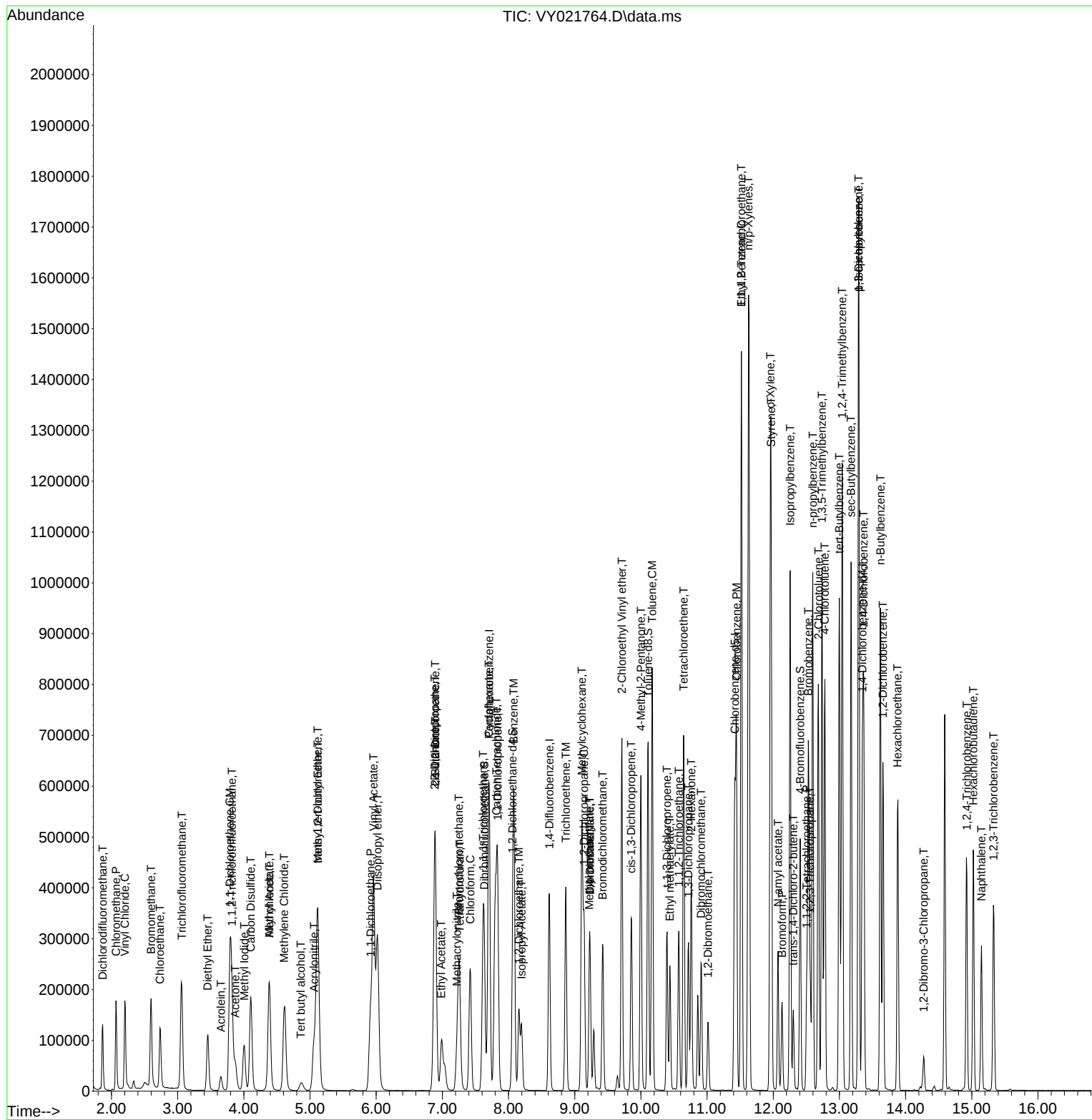
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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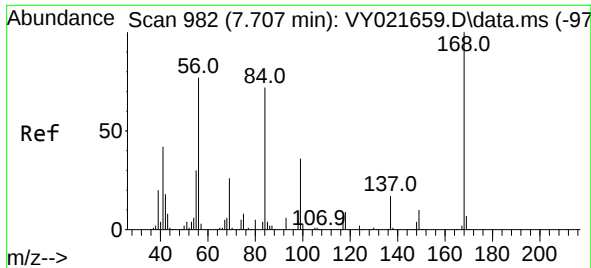
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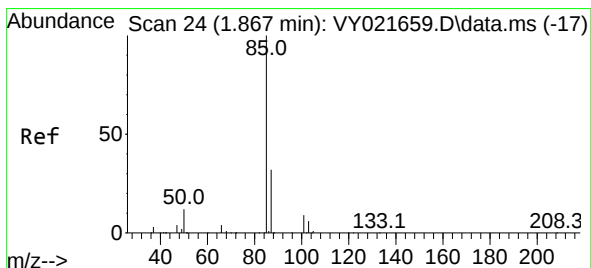
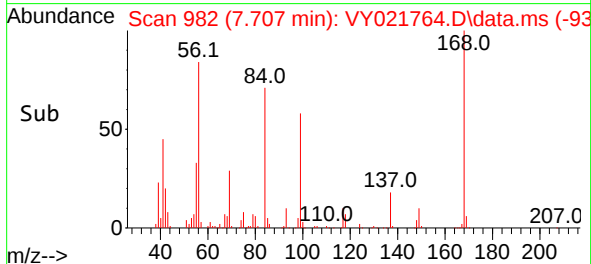
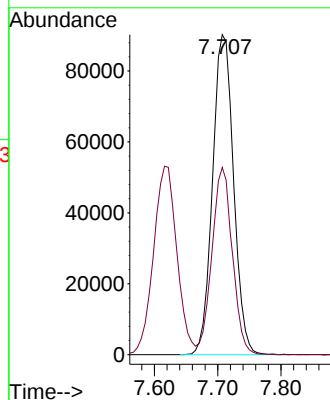
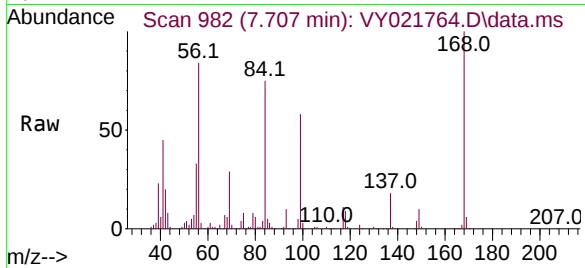




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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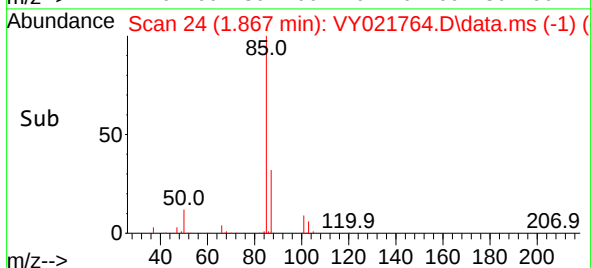
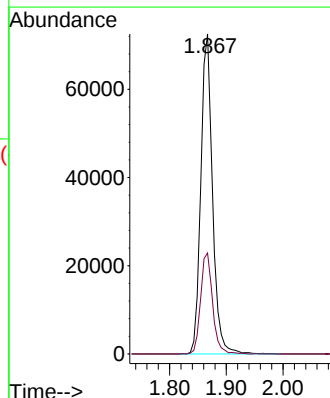
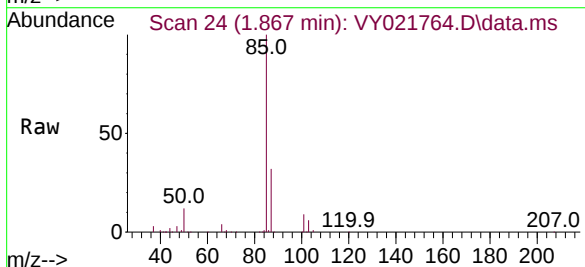
Instrument :
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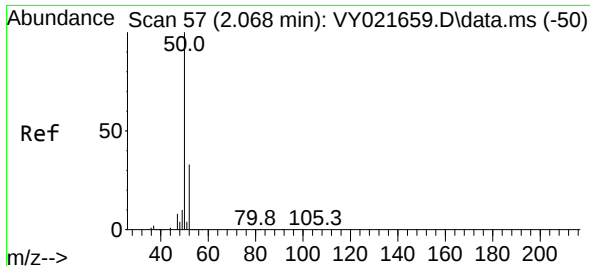
Tgt Ion:168 Resp: 208234
Ion Ratio Lower Upper
168 100
99 58.5 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 48.035 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 85 Resp: 103673
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6

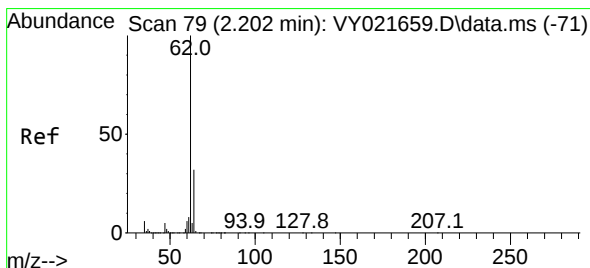
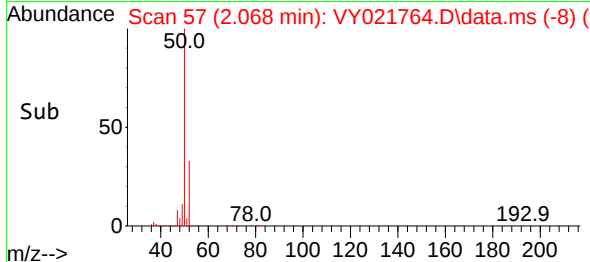
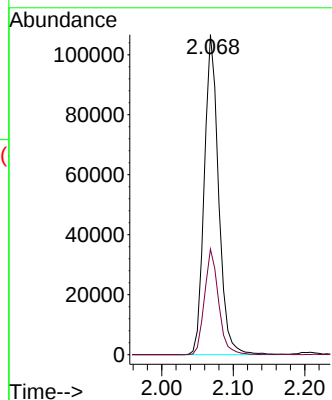
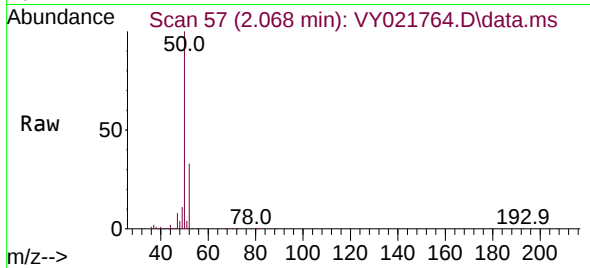




#3
Chloromethane
Concen: 48.964 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

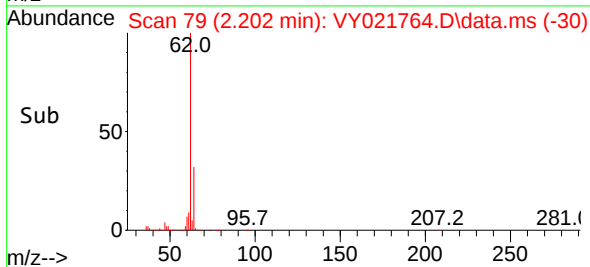
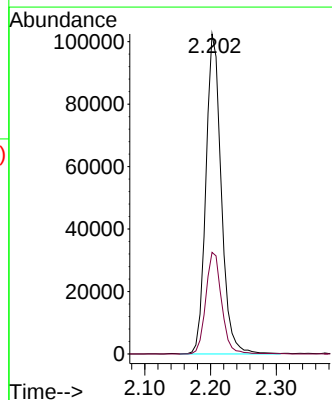
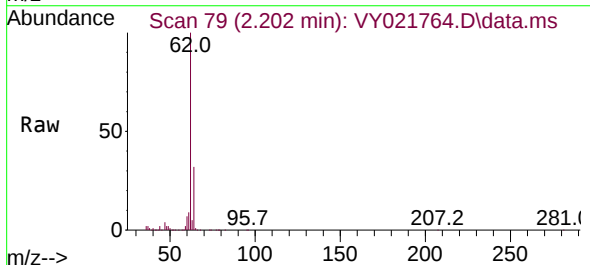
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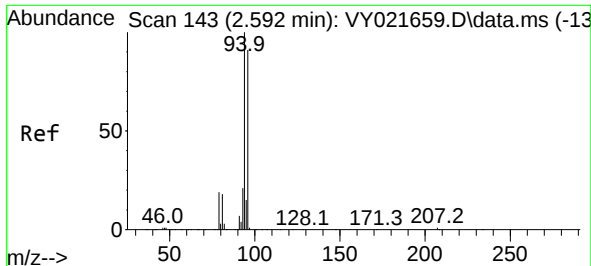
Tgt Ion: 50 Resp: 148598
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5



#4
Vinyl Chloride
Concen: 48.497 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 62 Resp: 166451
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3

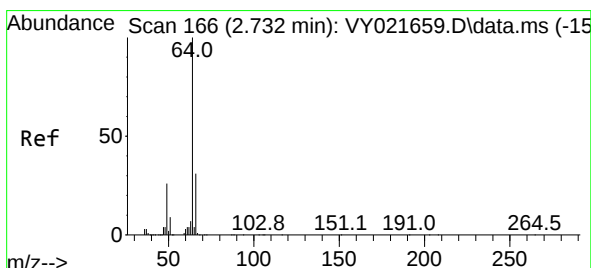
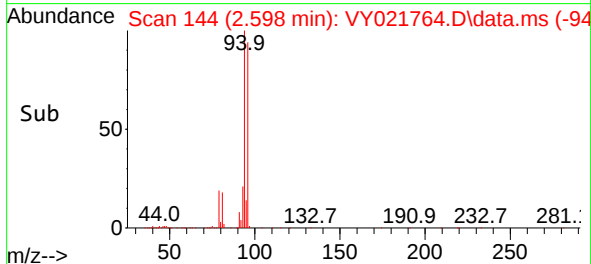
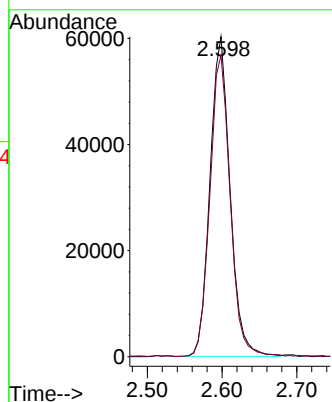
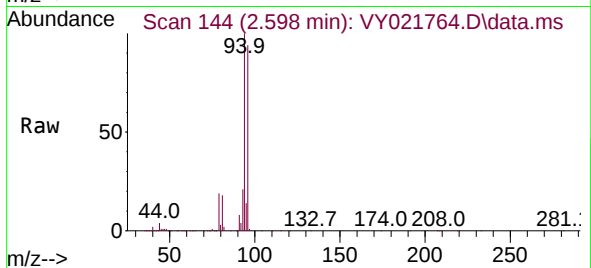




#5
Bromomethane
Concen: 48.097 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021764.D
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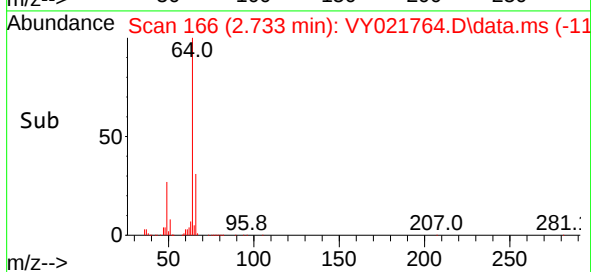
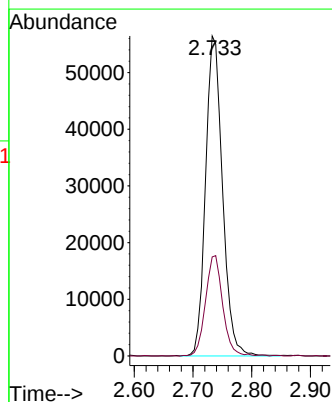
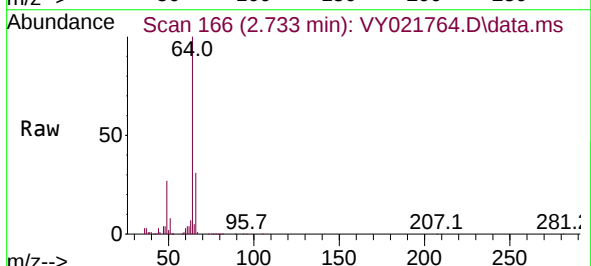
Instrument :
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Tgt Ion: 94 Resp: 112589
Ion Ratio Lower Upper
94 100
96 94.2 72.8 109.2



#6
Chloroethane
Concen: 50.422 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 64 Resp: 113241
Ion Ratio Lower Upper
64 100
66 31.0 24.9 37.3

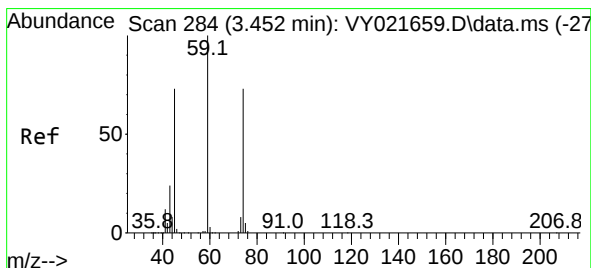
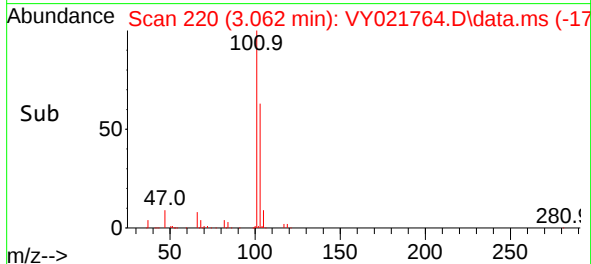
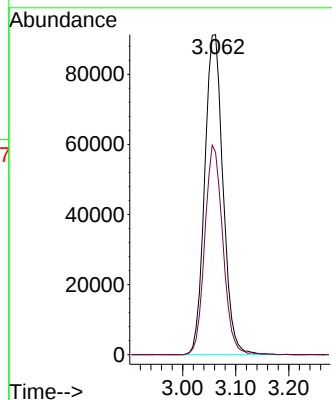
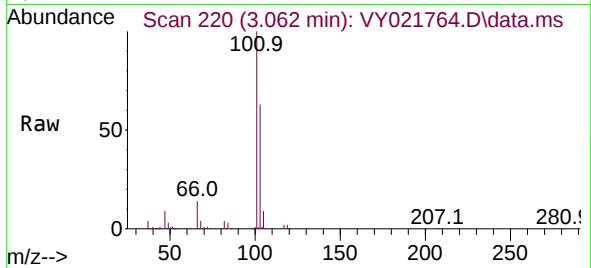




#7
Trichlorofluoromethane
Concen: 49.875 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

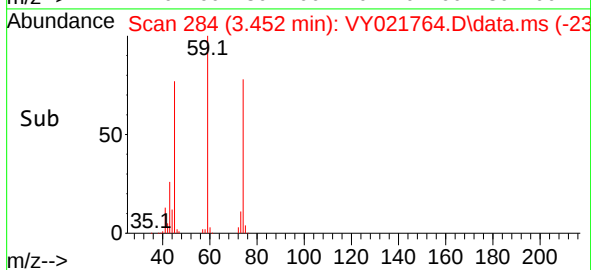
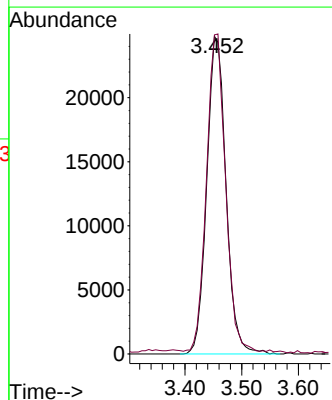
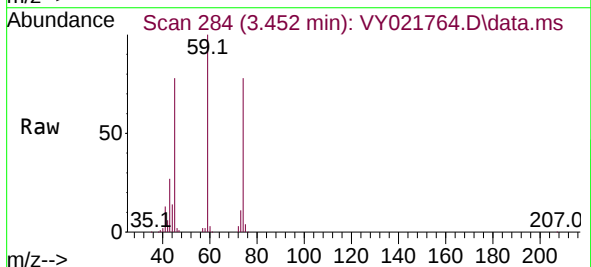
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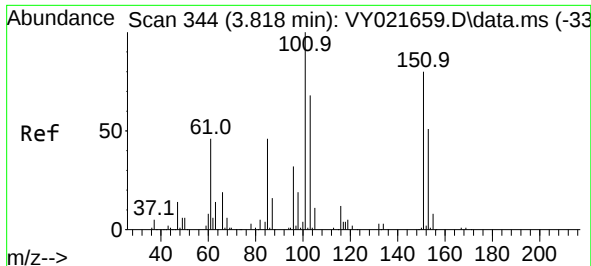
Tgt Ion:101 Resp: 219281
Ion Ratio Lower Upper
101 100
103 63.2 53.1 79.7



#8
Diethyl Ether
Concen: 48.774 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 74 Resp: 58317
Ion Ratio Lower Upper
74 100
45 98.6 48.6 145.8

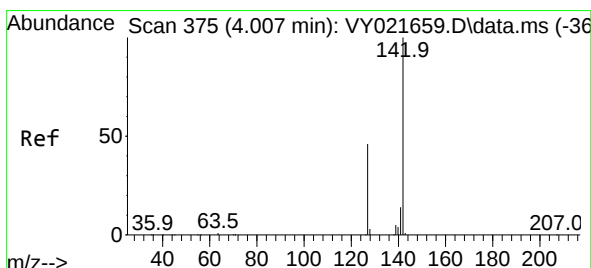
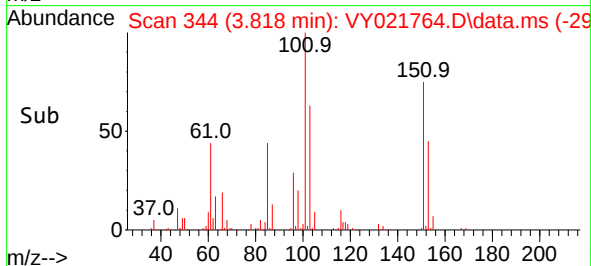
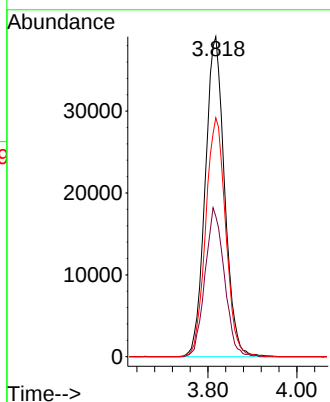
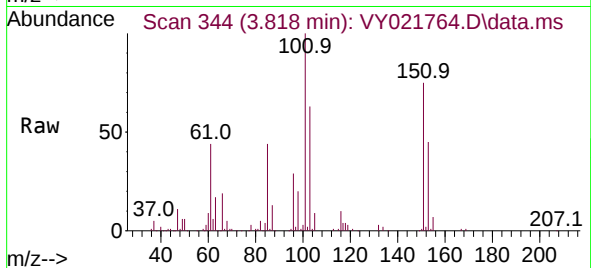




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.095 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

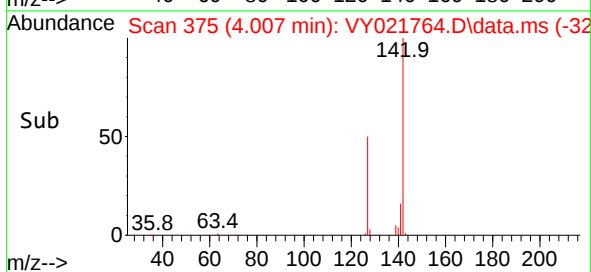
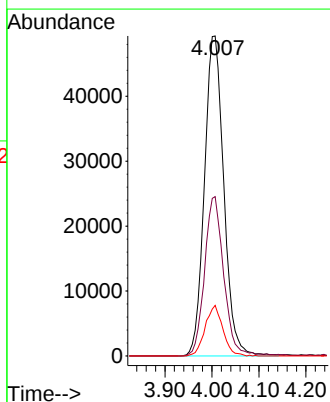
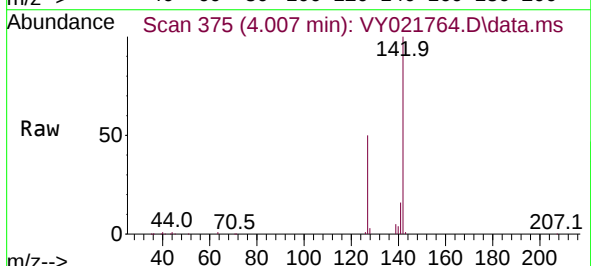
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 118484
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 77.0 61.3 91.9



#10
Methyl Iodide
Concen: 55.430 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:142 Resp: 141011
Ion Ratio Lower Upper
142 100
127 49.0 38.7 58.1
141 14.4 11.5 17.3

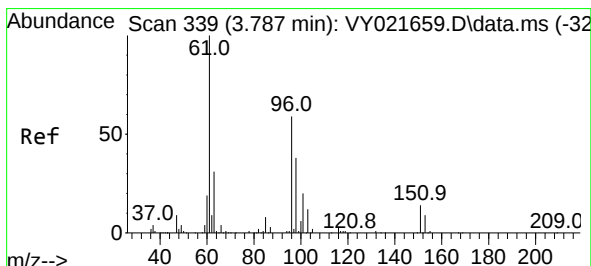
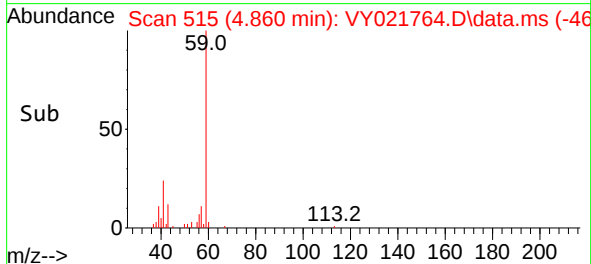
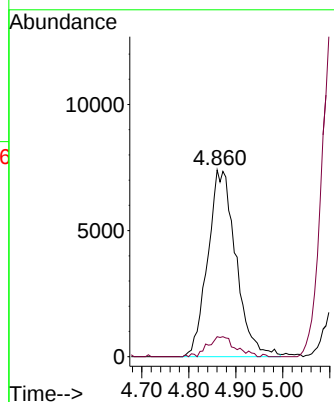
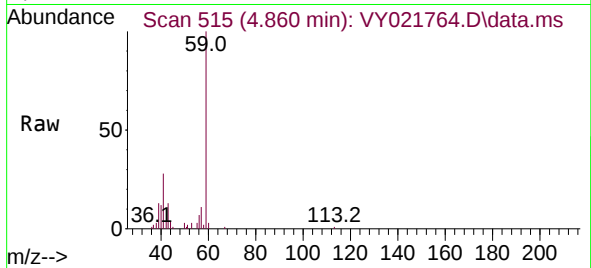




#11
Tert butyl alcohol
Concen: 210.313 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

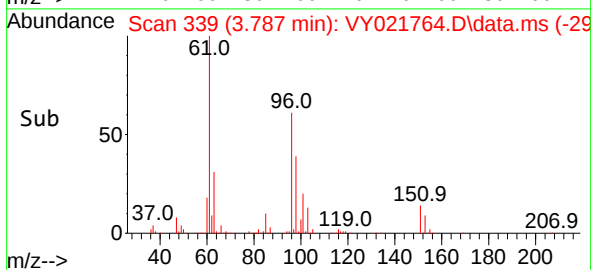
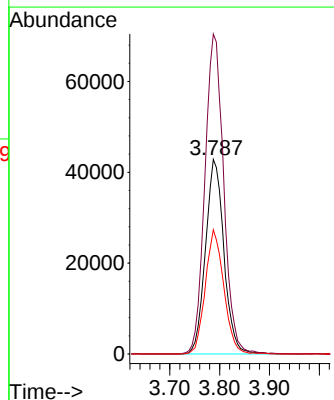
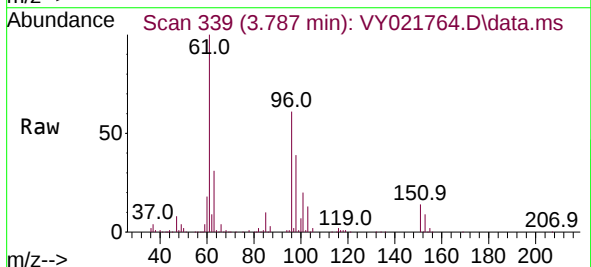
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

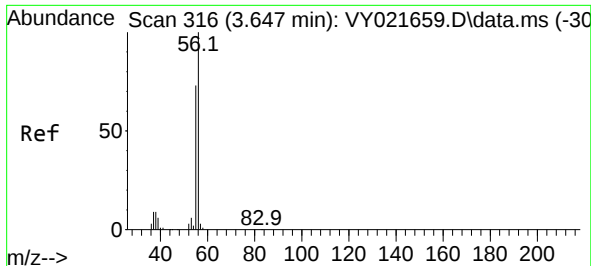
Tgt Ion: 59 Resp: 30820
Ion Ratio Lower Upper
59 100
57 10.5 9.2 13.8



#12
1,1-Dichloroethene
Concen: 50.449 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 96 Resp: 110190
Ion Ratio Lower Upper
96 100
61 164.5 136.6 204.8
98 63.9 52.3 78.5





#13

Acrolein

Concen: 116.369 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

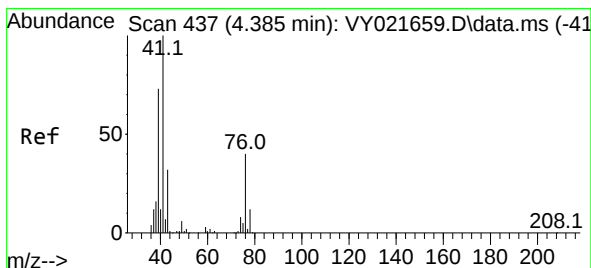
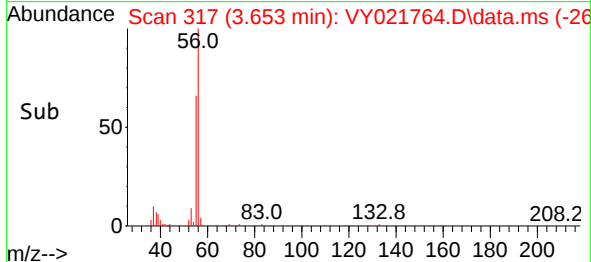
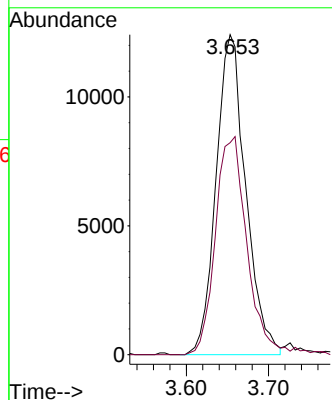
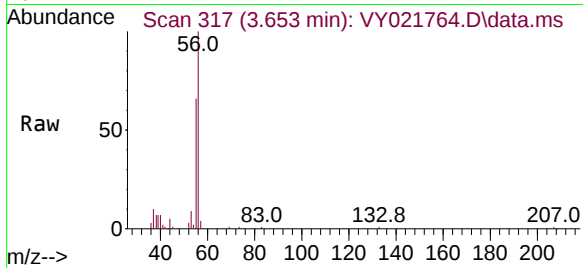
VSTDCCC050

Tgt Ion: 56 Resp: 31138

Ion Ratio Lower Upper

56 100

55 72.0 56.6 85.0



#14

Allyl chloride

Concen: 51.711 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

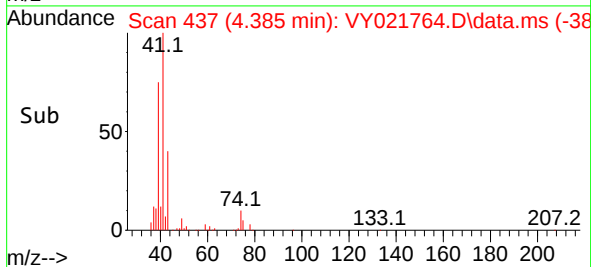
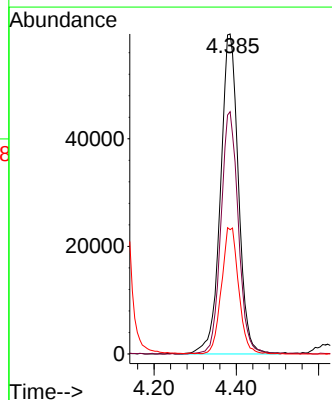
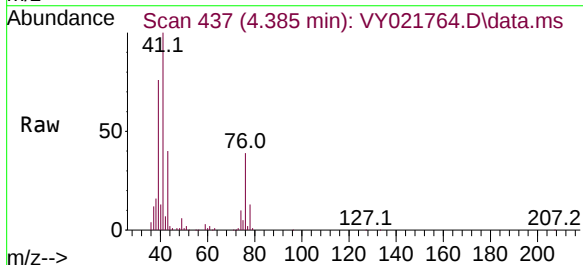
Tgt Ion: 41 Resp: 180081

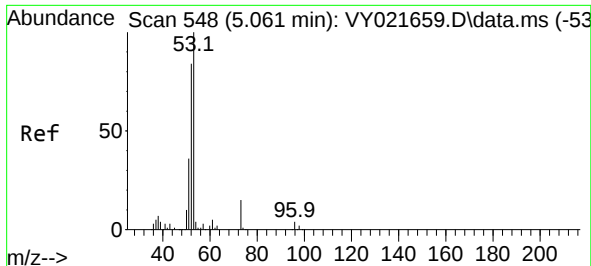
Ion Ratio Lower Upper

41 100

39 73.6 58.6 88.0

76 37.8 30.3 45.5

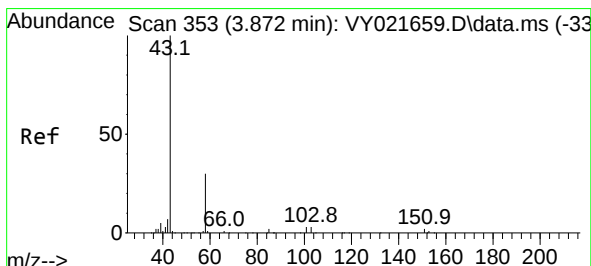
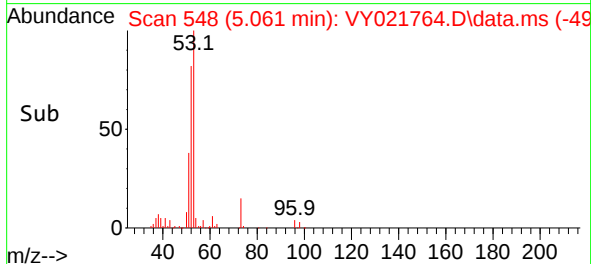
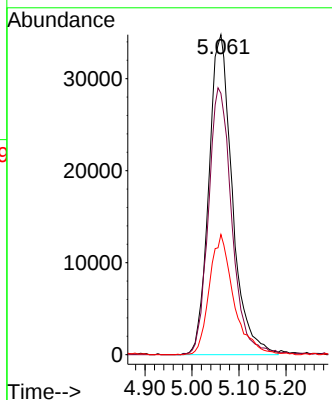
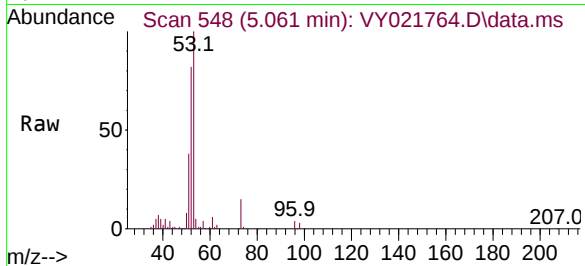




#15
Acrylonitrile
Concen: 242.027 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

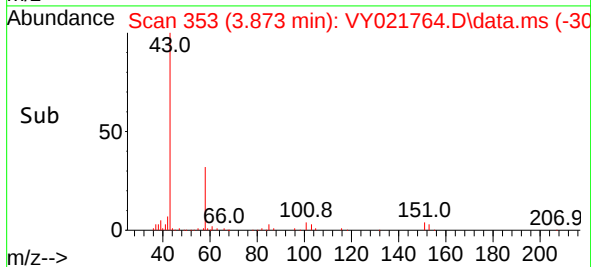
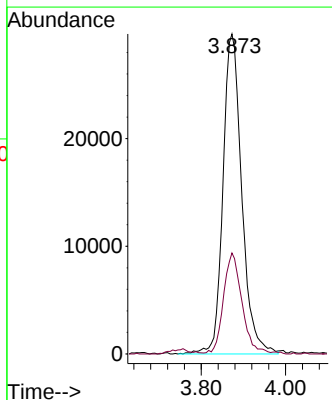
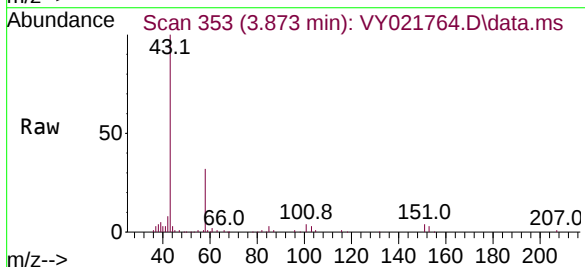
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

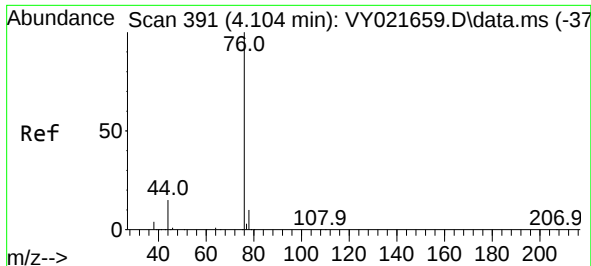
Tgt Ion: 53 Resp: 120826
Ion Ratio Lower Upper
53 100
52 83.4 64.9 97.3
51 38.8 30.2 45.2



#16
Acetone
Concen: 198.408 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 43 Resp: 91614
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.4

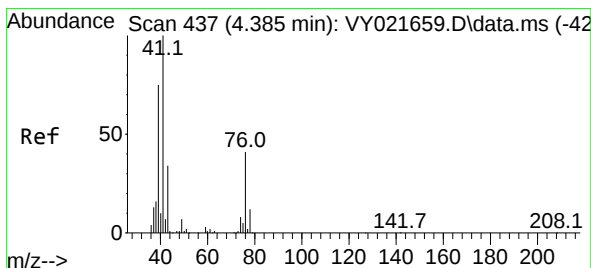
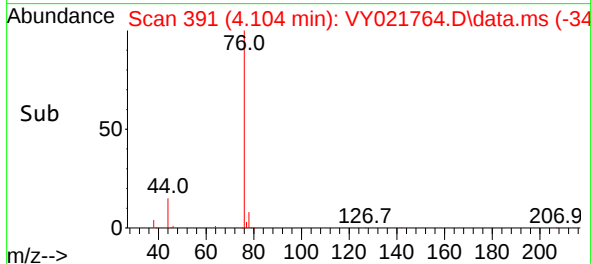
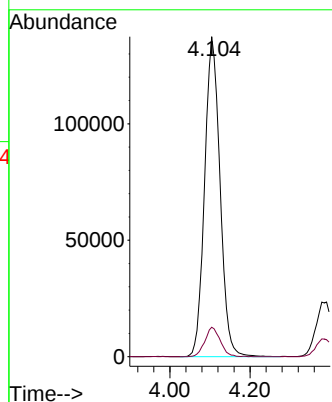
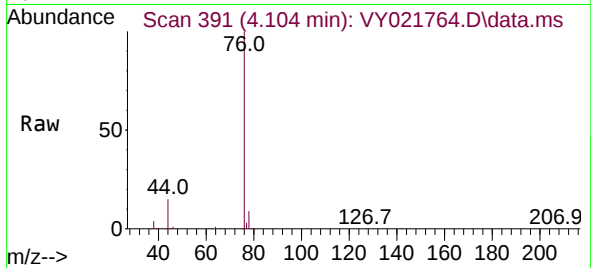




#17
Carbon Disulfide
Concen: 50.926 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

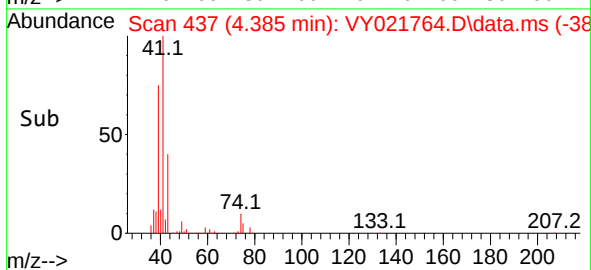
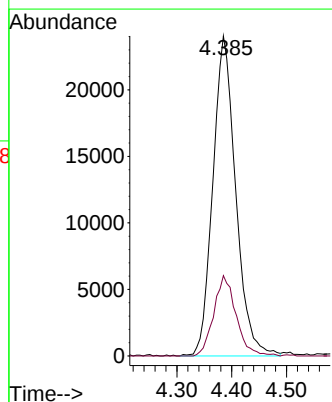
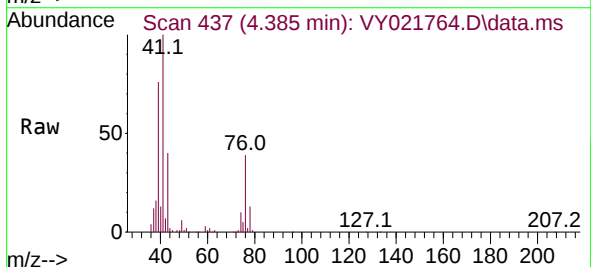
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

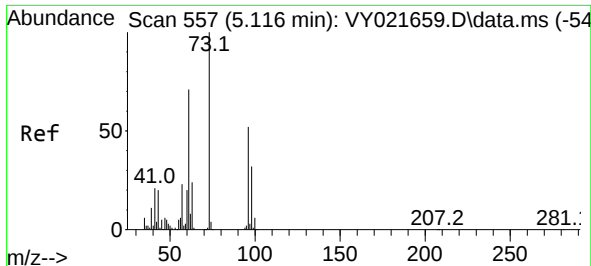
Tgt Ion: 76 Resp: 366366
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 60.876 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 43 Resp: 69666
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.913 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

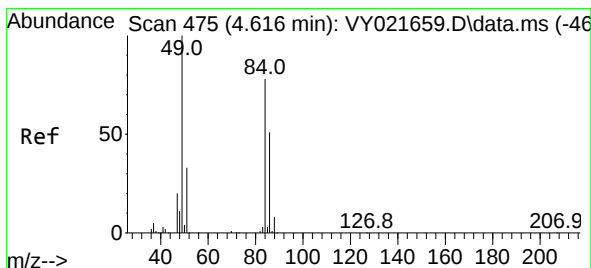
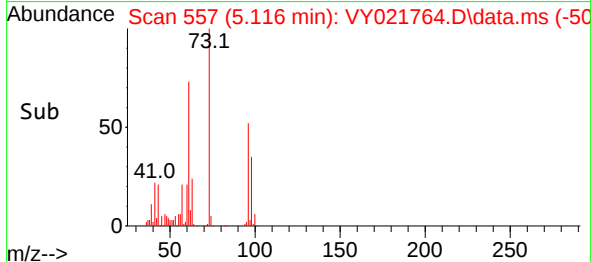
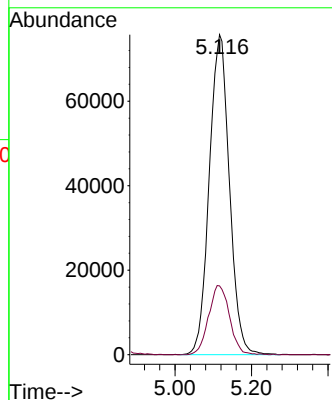
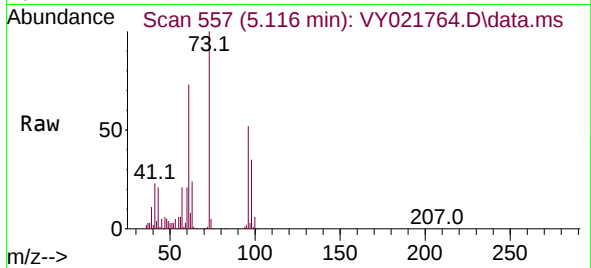
VSTDCCC050

Tgt Ion: 73 Resp: 276856

Ion Ratio Lower Upper

73 100

57 21.5 18.1 27.1



#20

Methylene Chloride

Concen: 55.747 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Tgt Ion: 84 Resp: 124953

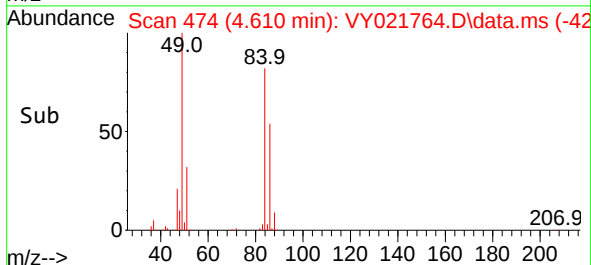
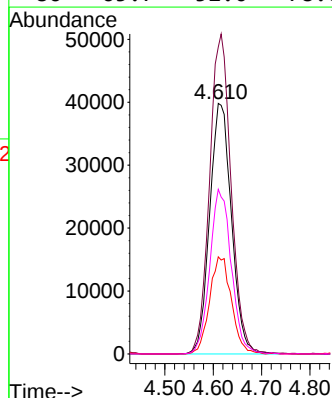
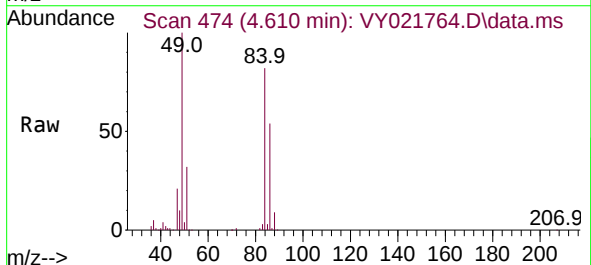
Ion Ratio Lower Upper

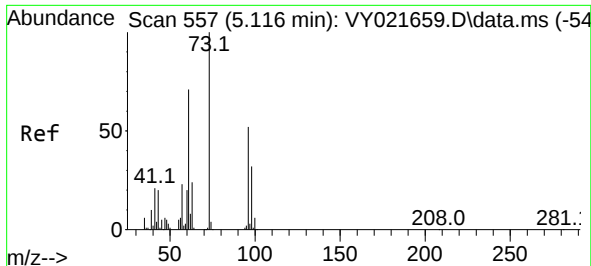
84 100

49 122.4 102.8 154.2

51 38.8 33.5 50.3

86 65.7 52.0 78.0

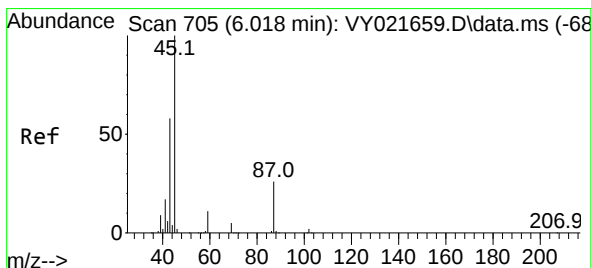
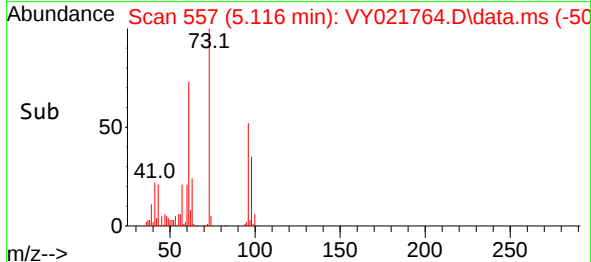
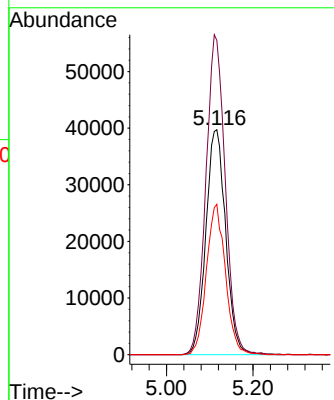
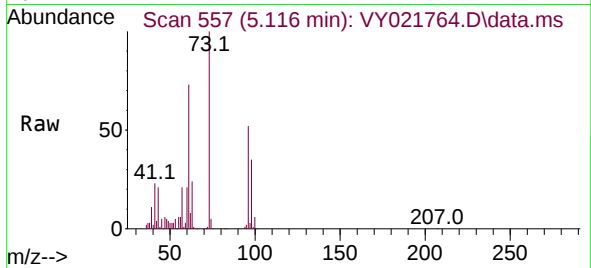




#21
trans-1,2-Dichloroethene
Concen: 52.456 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

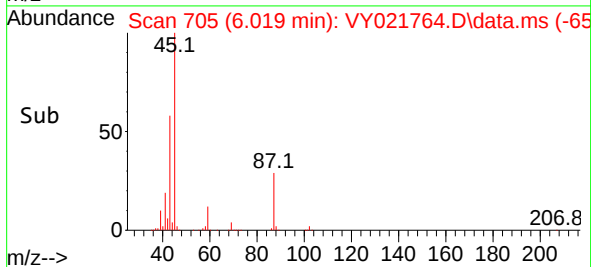
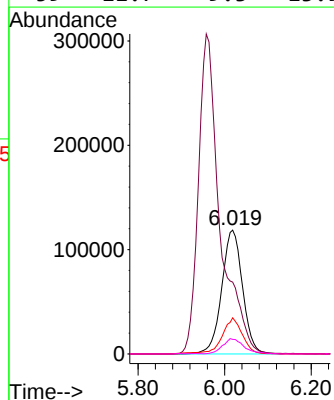
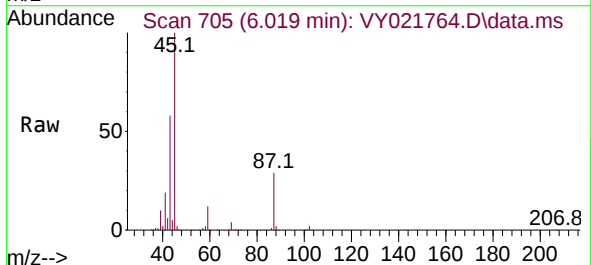
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

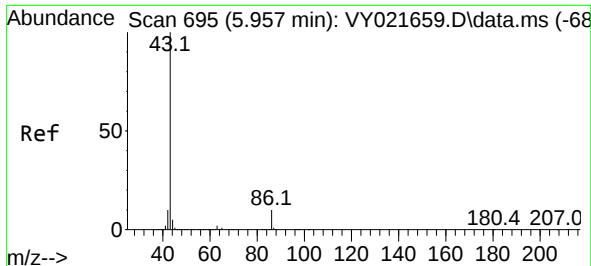
Tgt Ion: 96 Resp: 126149
Ion Ratio Lower Upper
96 100
61 139.7 109.4 164.0
98 66.9 50.2 75.2



#22
Diisopropyl ether
Concen: 54.449 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 45 Resp: 397768
Ion Ratio Lower Upper
45 100
43 57.5 46.6 69.8
87 29.2 20.7 31.1
59 11.7 9.3 13.9

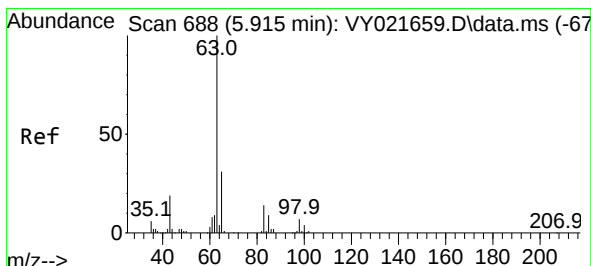
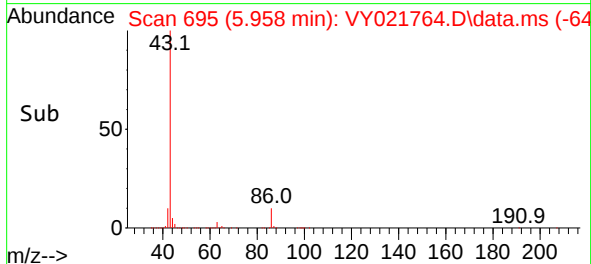
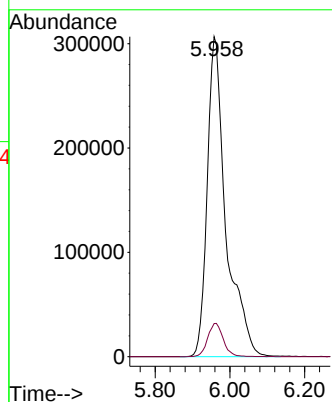
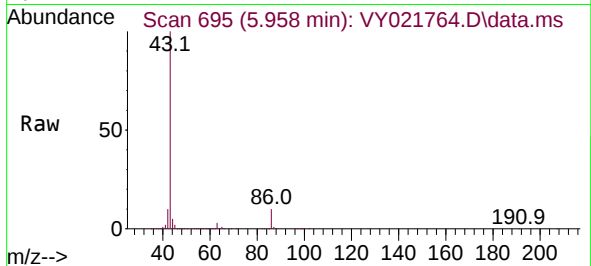




#23
 Vinyl Acetate
 Concen: 249.130 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

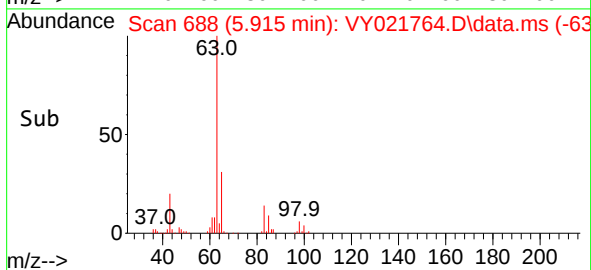
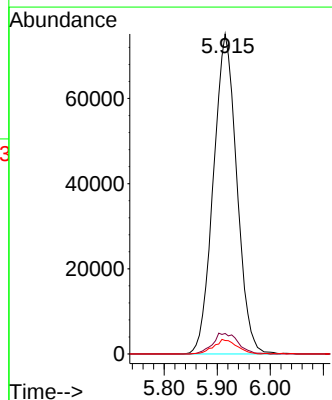
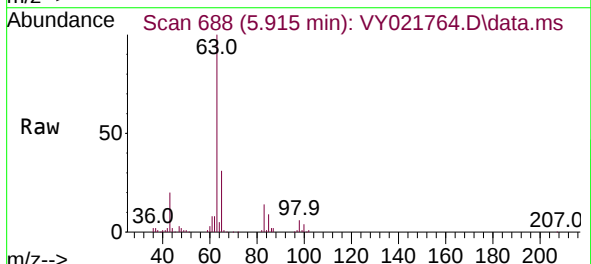
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

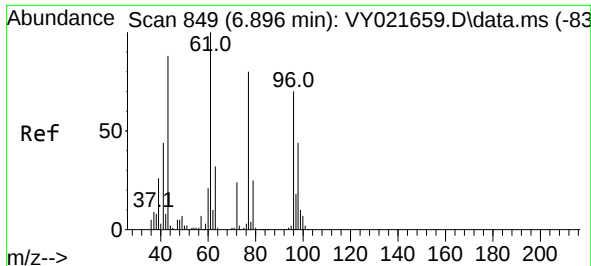
Tgt Ion: 43 Resp: 1064692
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 52.721 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

Tgt Ion: 63 Resp: 230297
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.2 2.2 6.6

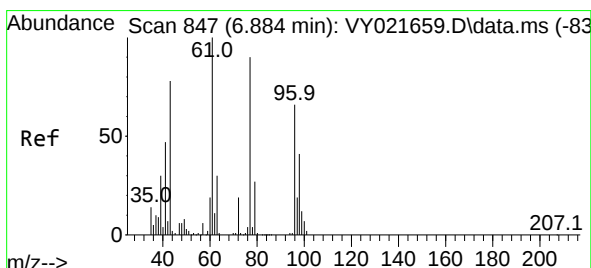
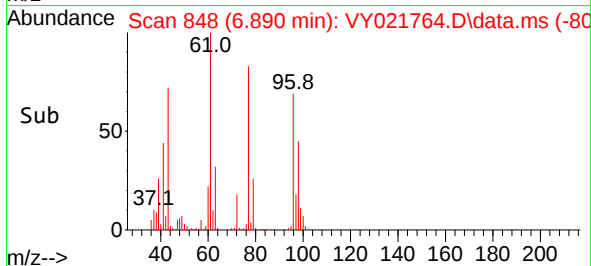
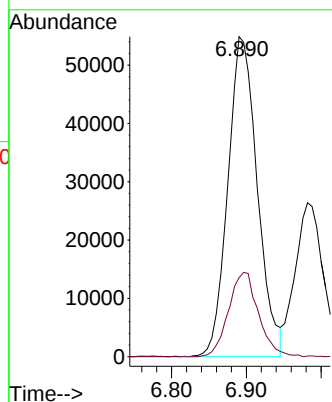
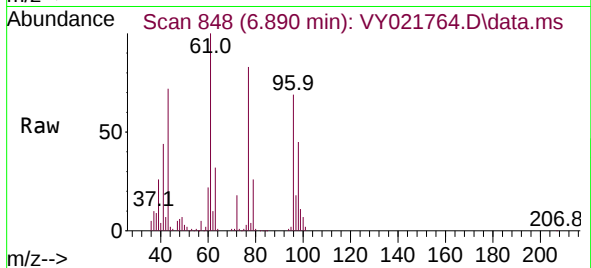




#25
2-Butanone
Concen: 228.034 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

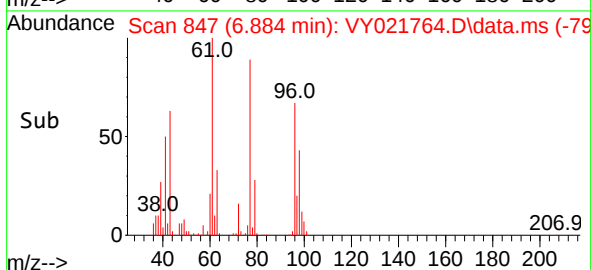
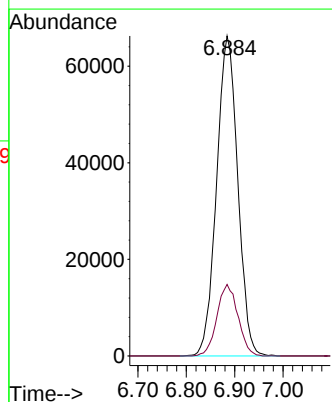
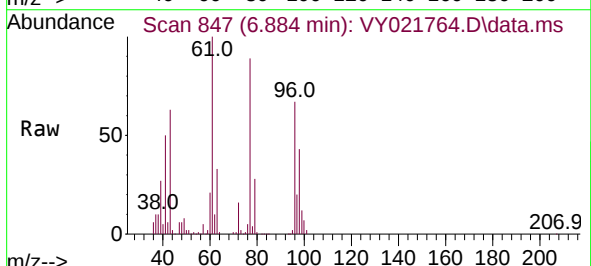
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

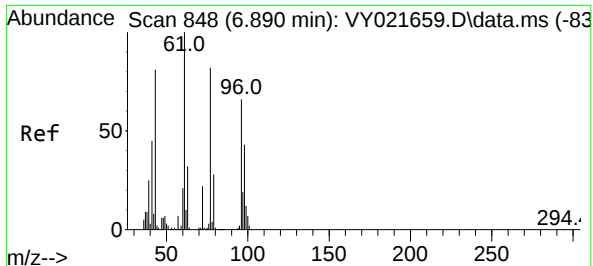
Tgt Ion: 43 Resp: 150392
Ion Ratio Lower Upper
43 100
72 24.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 51.854 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 77 Resp: 201487
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 53.013 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

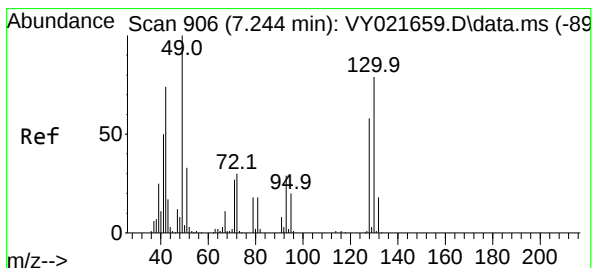
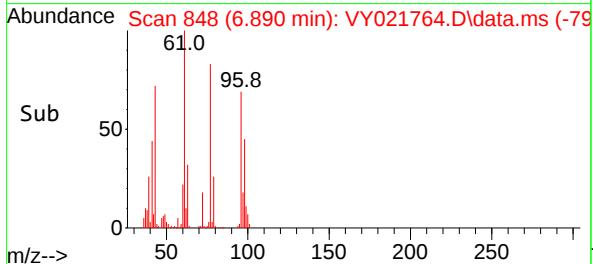
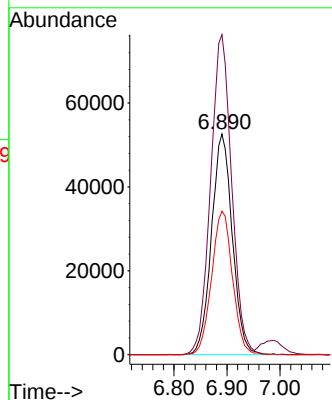
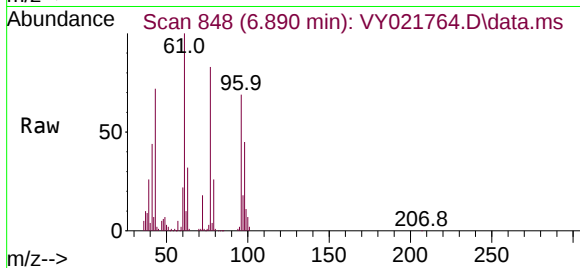
Tgt Ion: 96 Resp: 143369

Ion Ratio Lower Upper

96 100

61 146.4 0.0 296.4

98 65.3 0.0 128.0



#28

Bromochloromethane

Concen: 51.861 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

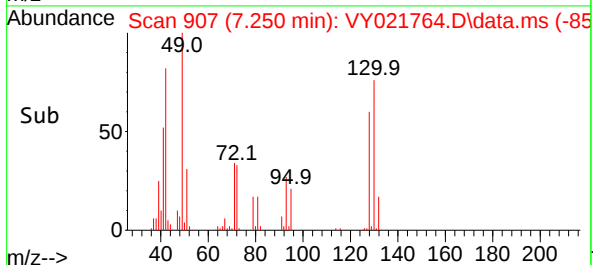
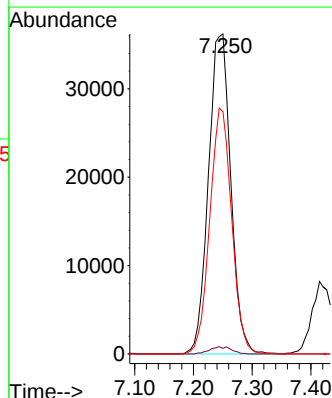
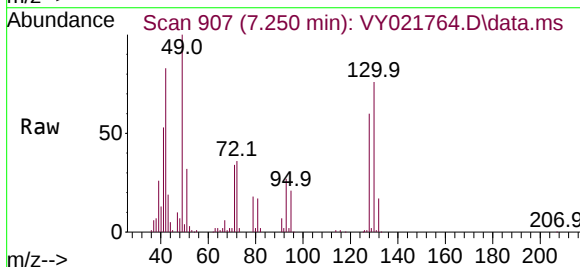
Tgt Ion: 49 Resp: 95540

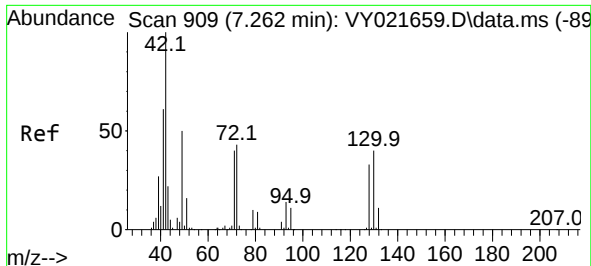
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 75.4 60.1 90.1

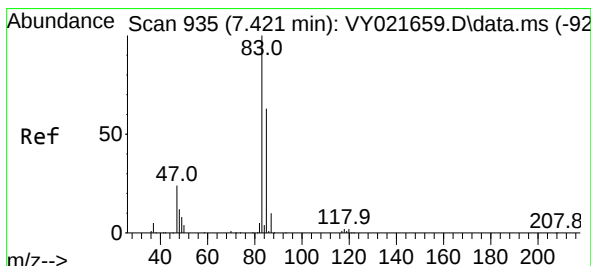
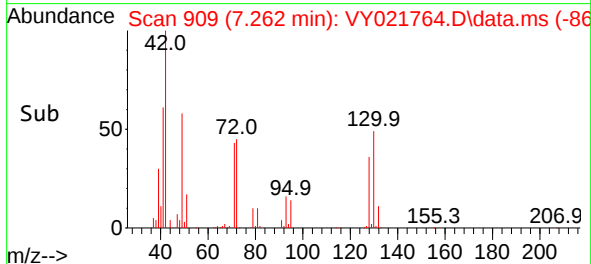
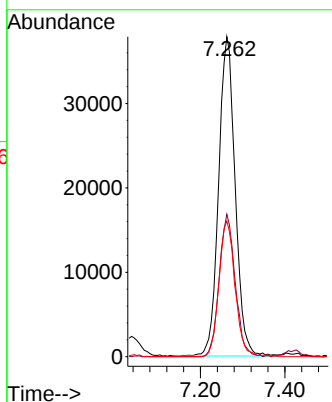
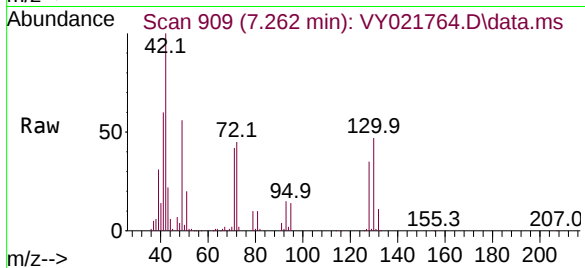




#29
Tetrahydrofuran
Concen: 242.441 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

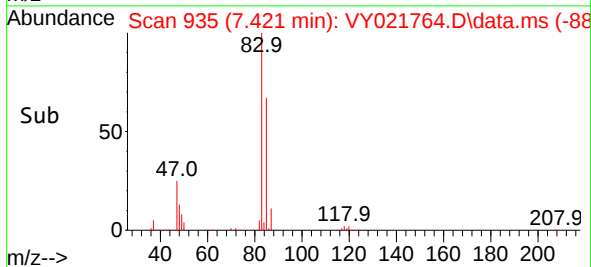
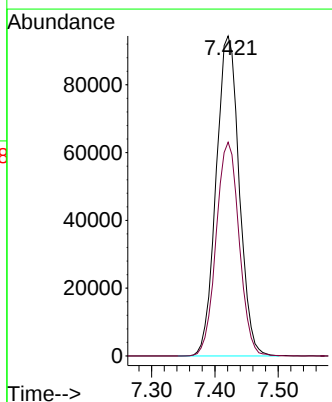
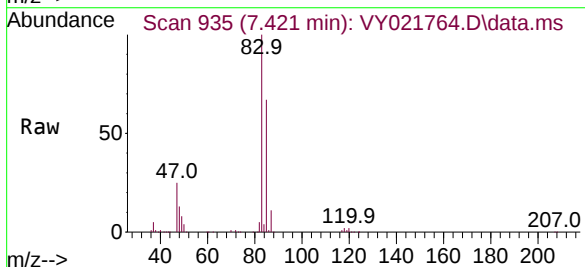
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

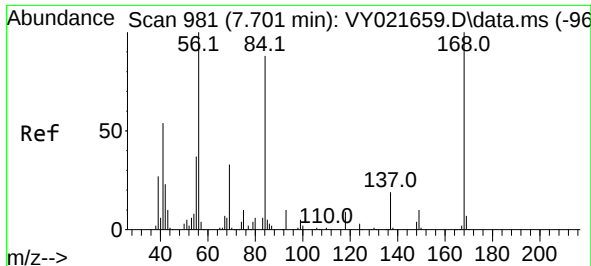
Tgt Ion: 42 Resp: 102906
Ion Ratio Lower Upper
42 100
72 43.0 34.6 52.0
71 41.0 32.5 48.7



#30
Chloroform
Concen: 52.503 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 83 Resp: 238543
Ion Ratio Lower Upper
83 100
85 66.8 50.6 75.8

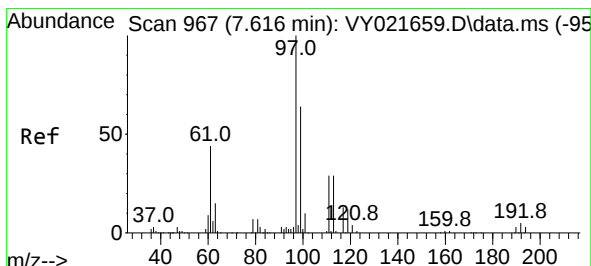
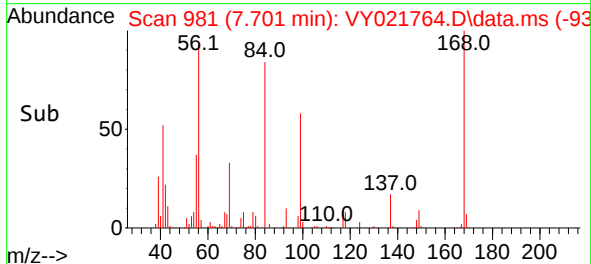
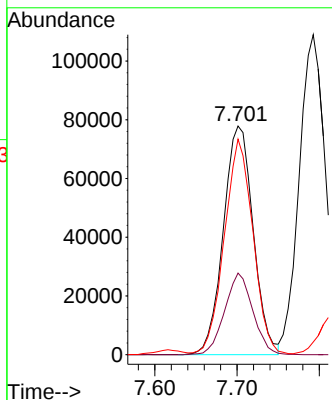
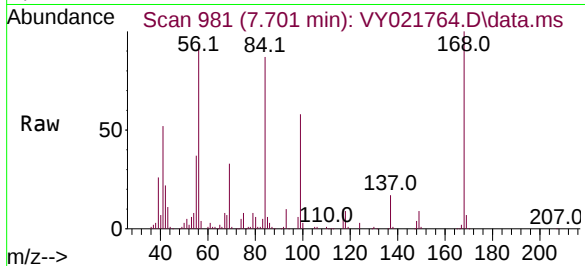




#31
Cyclohexane
Concen: 49.456 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

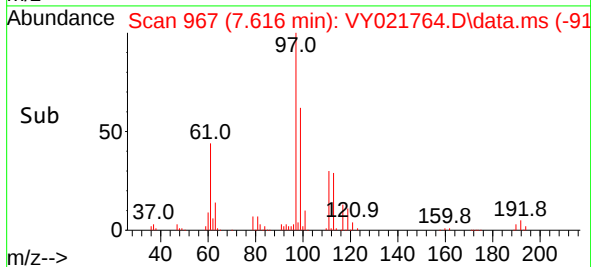
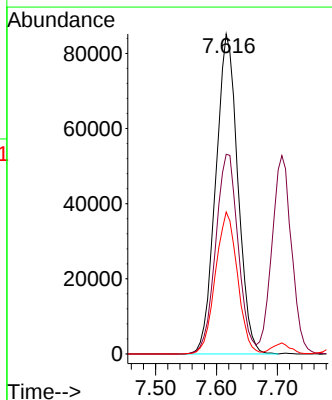
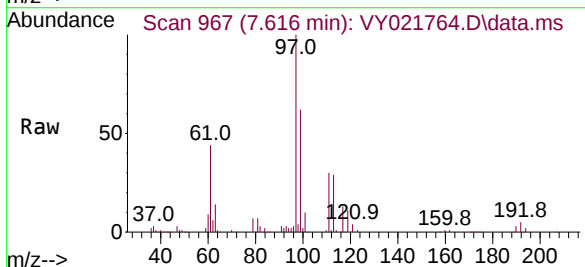
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

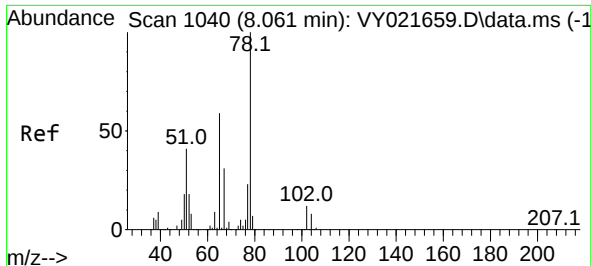
Tgt Ion: 56 Resp: 196932
Ion Ratio Lower Upper
56 100
69 35.7 26.6 40.0
84 92.7 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 52.320 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 97 Resp: 214846
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.438 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

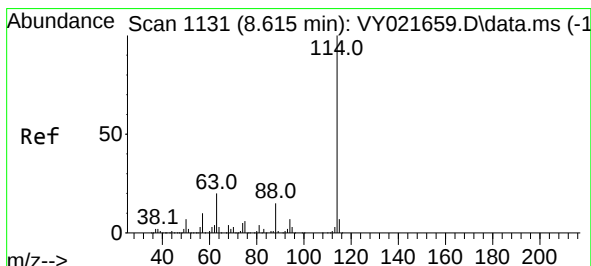
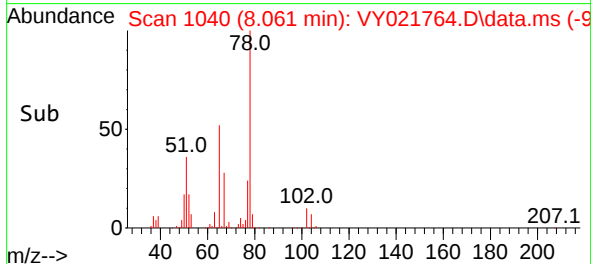
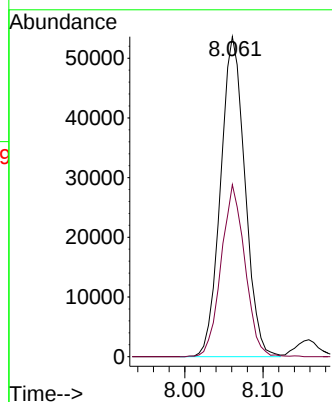
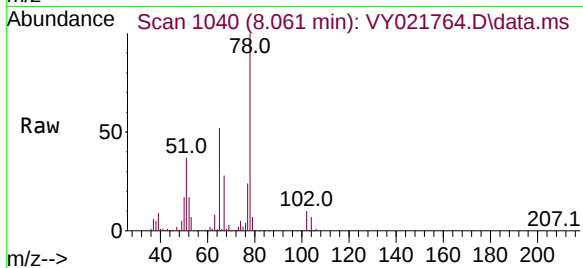
VSTDCCC050

Tgt Ion: 65 Resp: 116052

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

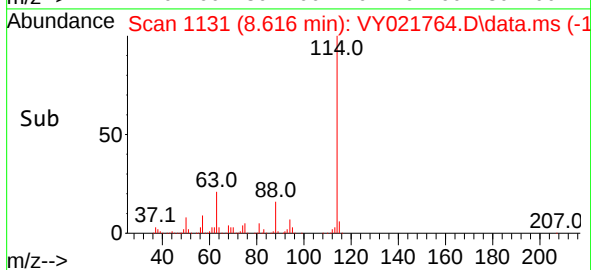
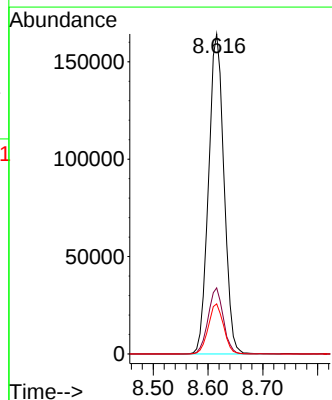
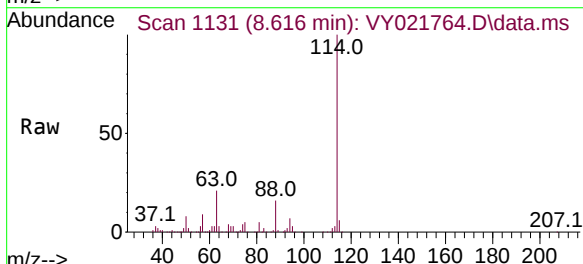
Tgt Ion: 114 Resp: 319384

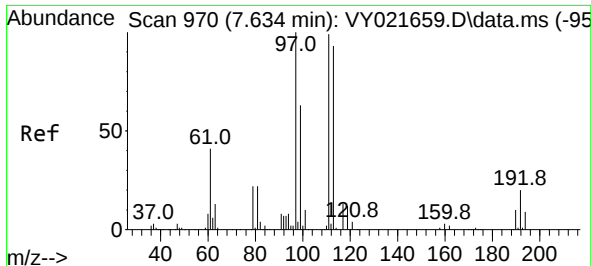
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.7 0.0 29.8

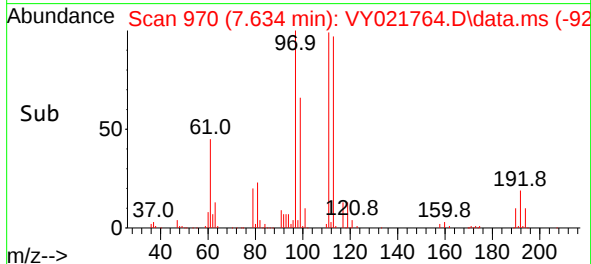
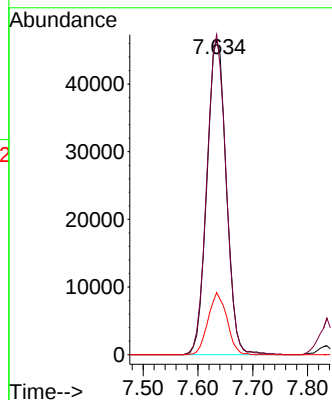
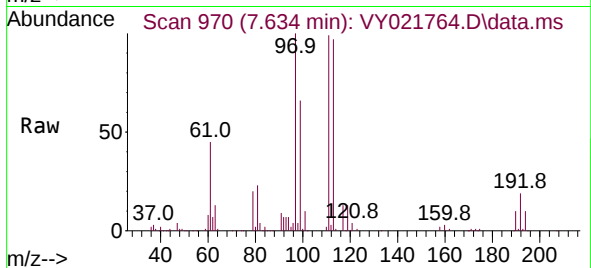




#35
Dibromofluoromethane
Concen: 54.987 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

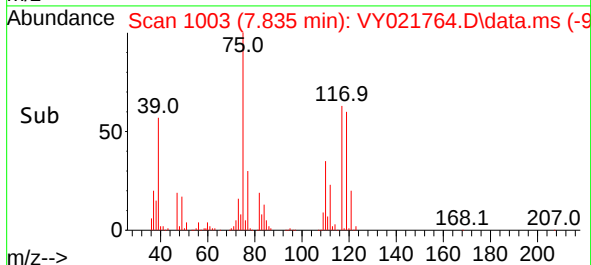
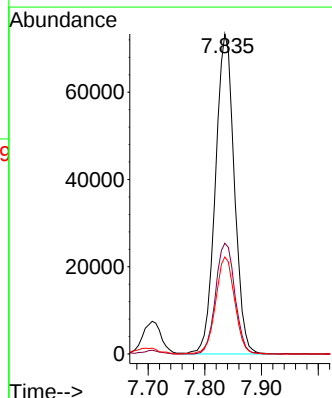
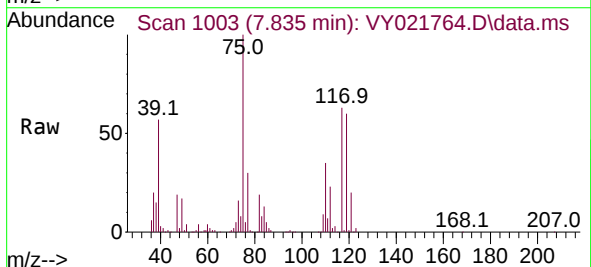
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

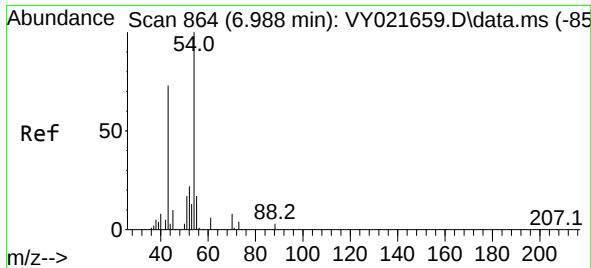
Tgt Ion:113 Resp: 113922
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 53.796 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 75 Resp: 169762
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 30.6 24.8 37.2

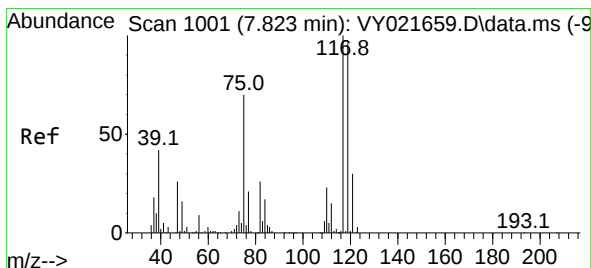
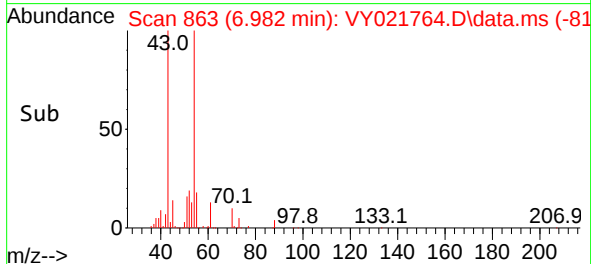
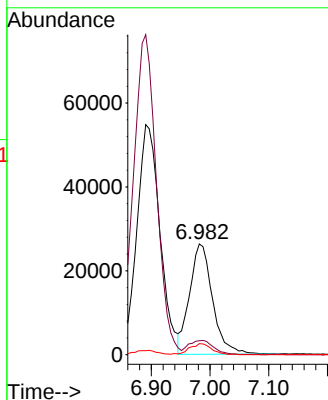
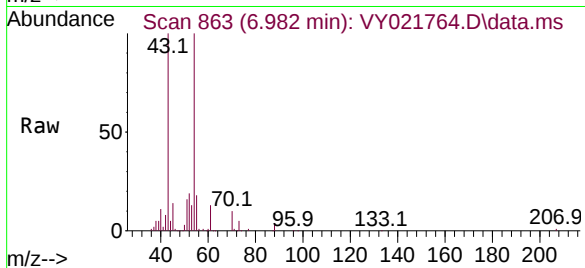




#37
Ethyl Acetate
Concen: 47.962 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

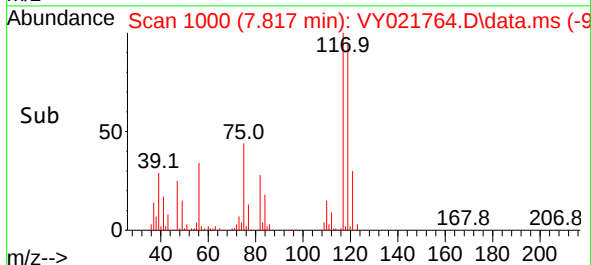
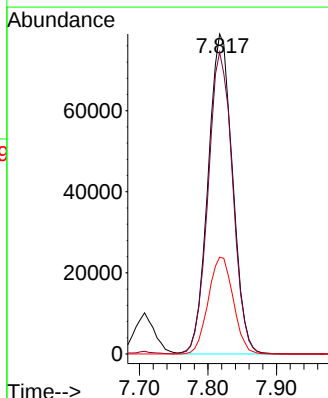
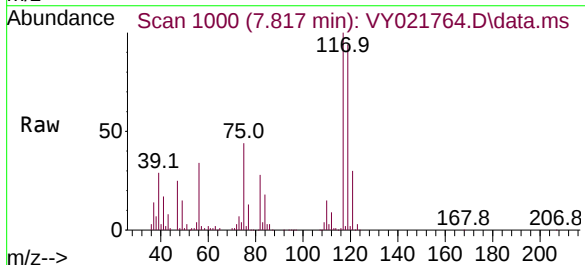
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

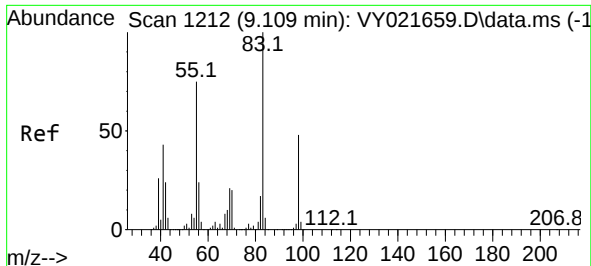
Tgt Ion: 43 Resp: 71429
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 54.200 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 117 Resp: 195894
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
121 30.2 24.2 36.4

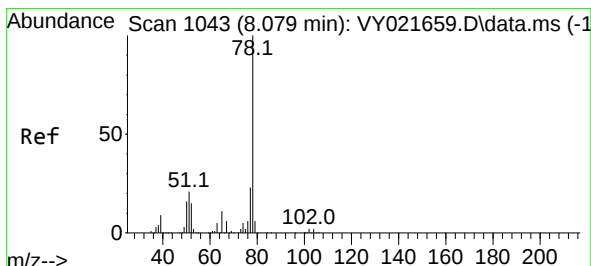
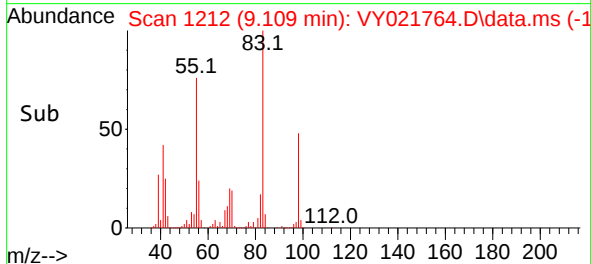
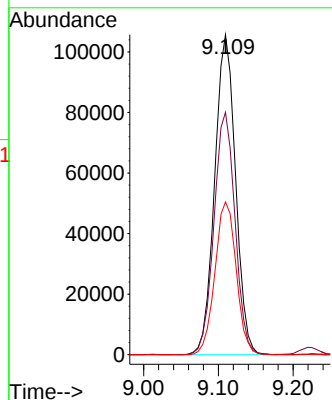
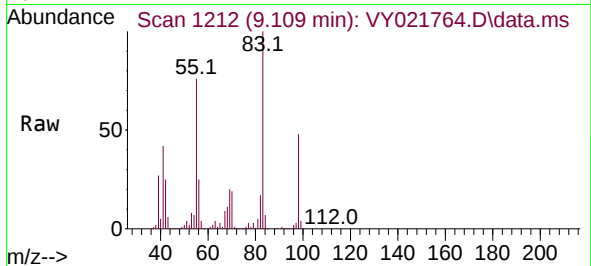




#39
Methylcyclohexane
Concen: 54.342 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

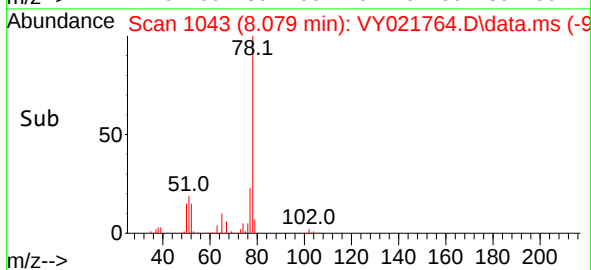
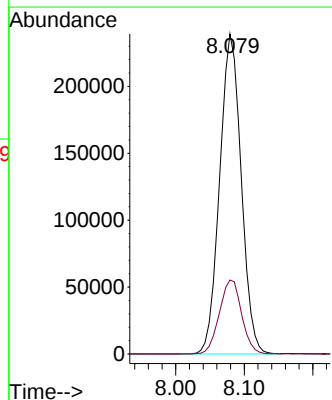
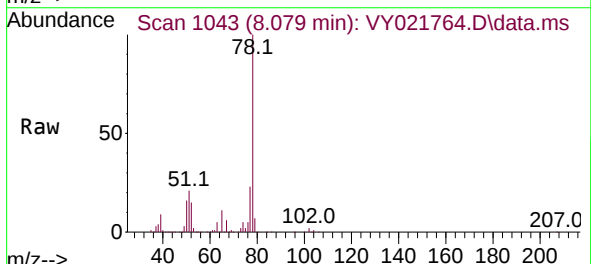
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

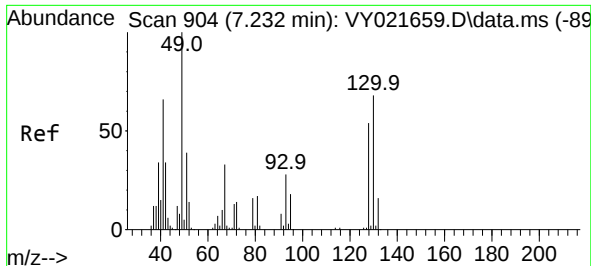
Tgt Ion: 83 Resp: 204856
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 47.8 38.3 57.5



#40
Benzene
Concen: 55.164 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 78 Resp: 521326
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

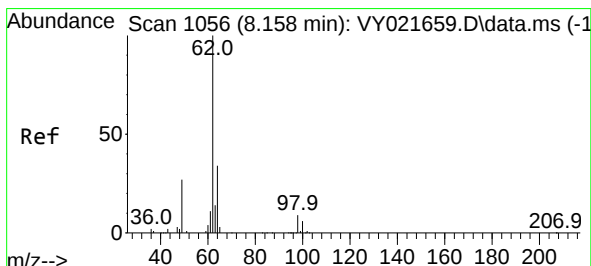
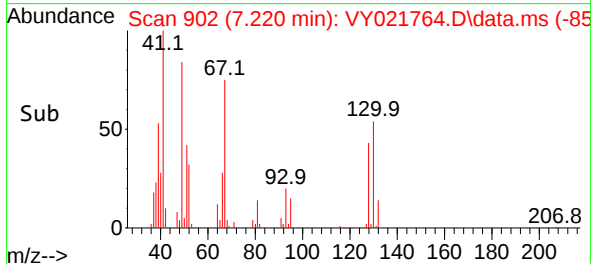
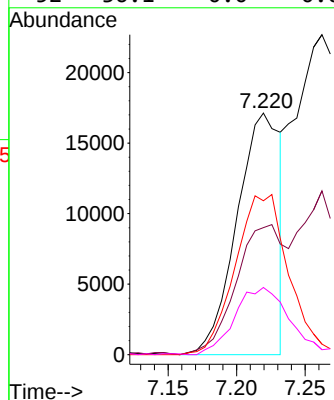
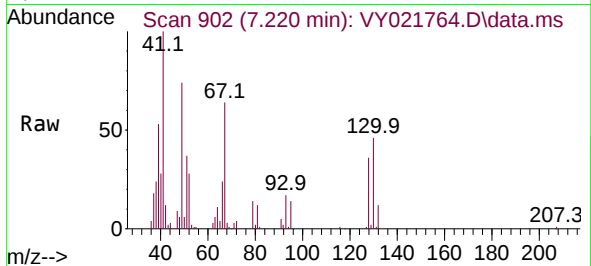




#41
Methacrylonitrile
Concen: 47.665 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

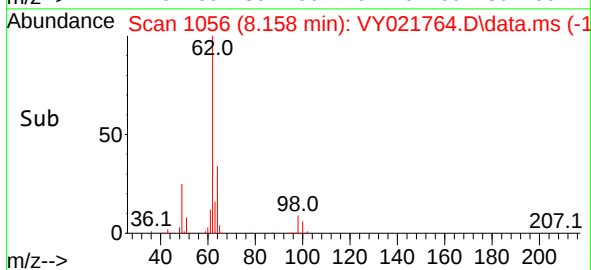
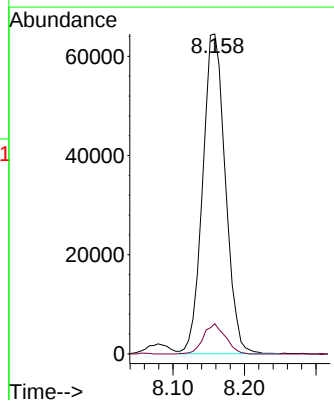
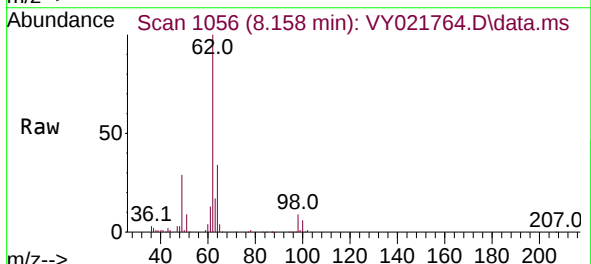
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

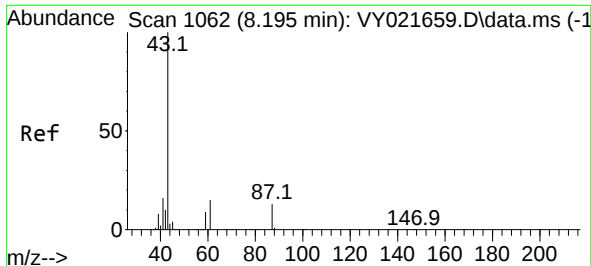
Tgt Ion: 41 Resp: 37699
Ion Ratio Lower Upper
41 100
39 62.2 0.0 0.0#
67 82.1 0.0 0.0#
52 36.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 53.296 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 62 Resp: 141991
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

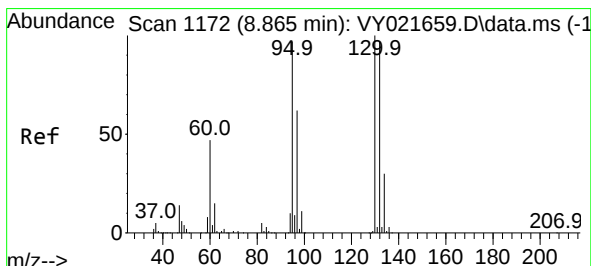
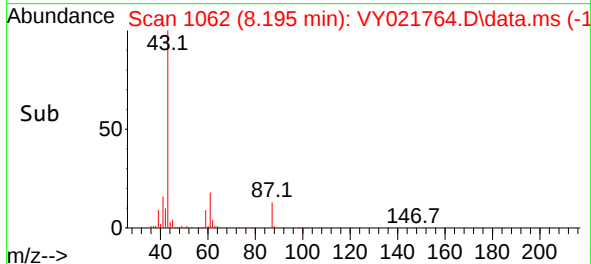
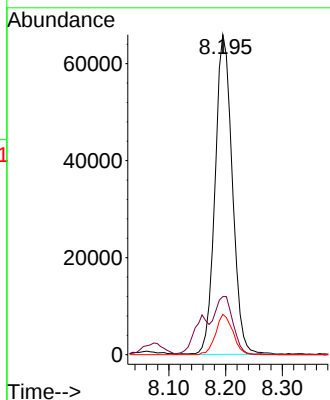
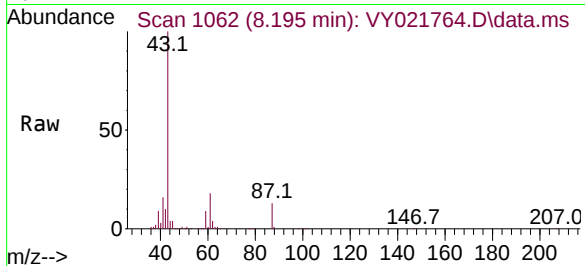




#43
Isopropyl Acetate
Concen: 49.243 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

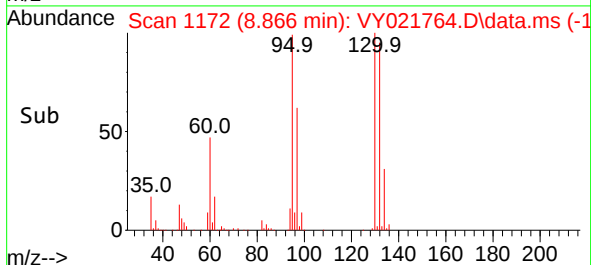
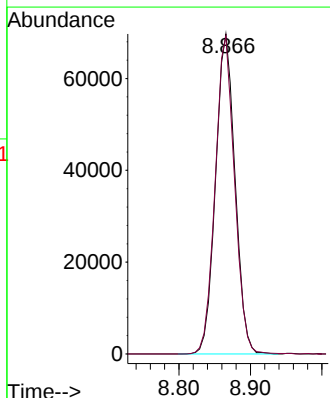
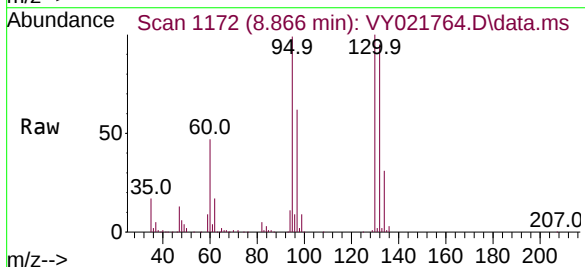
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

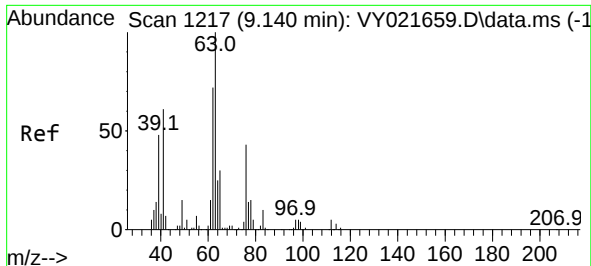
Tgt Ion: 43 Resp: 138980
Ion Ratio Lower Upper
43 100
61 19.3 15.9 23.9
87 12.6 10.4 15.6



#44
Trichloroethene
Concen: 54.655 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:130 Resp: 131603
Ion Ratio Lower Upper
130 100
95 99.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 55.135 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

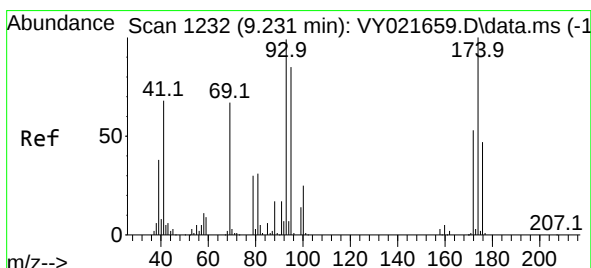
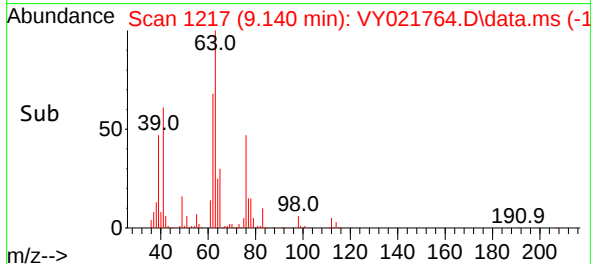
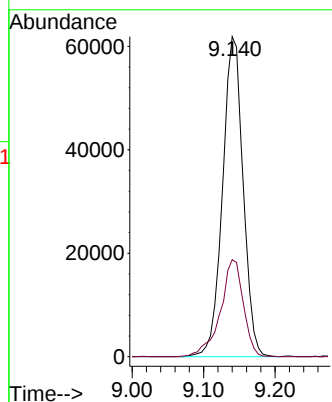
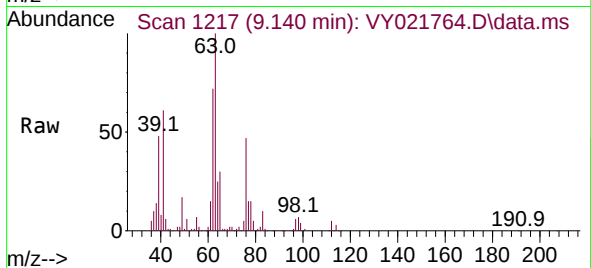
VSTDCCC050

Tgt Ion: 63 Resp: 123336

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6



#46

Dibromomethane

Concen: 53.957 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

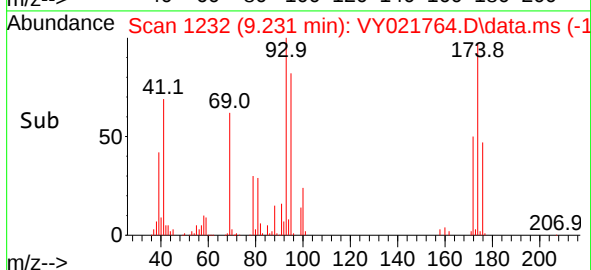
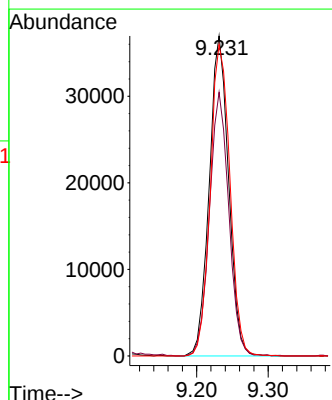
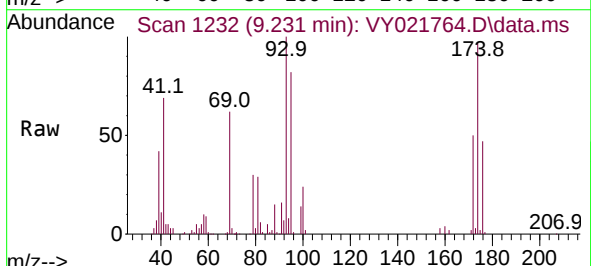
Tgt Ion: 93 Resp: 69562

Ion Ratio Lower Upper

93 100

95 82.0 68.1 102.1

174 98.8 80.9 121.3

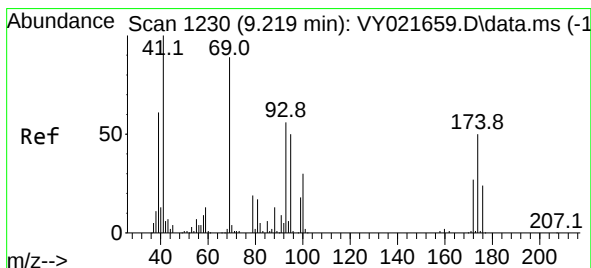
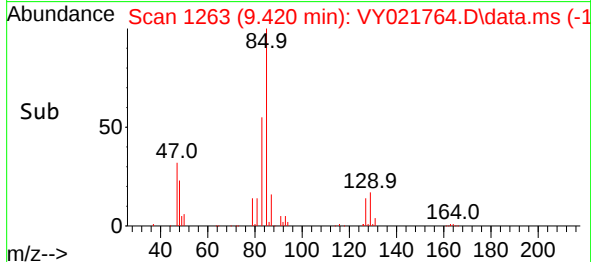
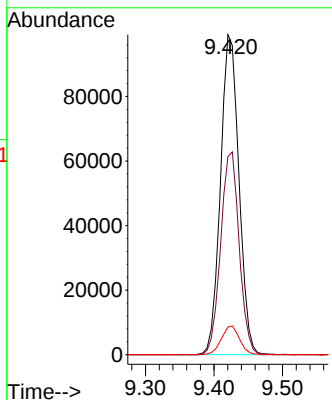
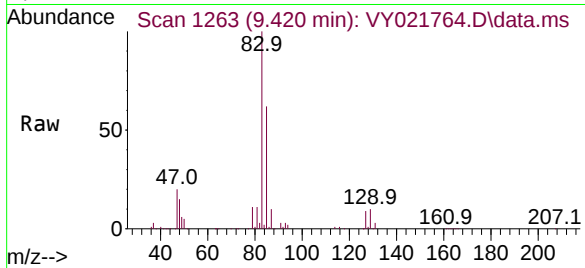




#47
Bromodichloromethane
Concen: 55.286 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

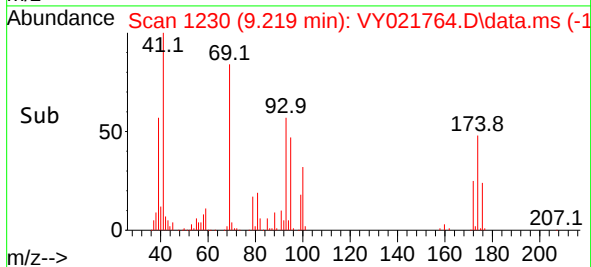
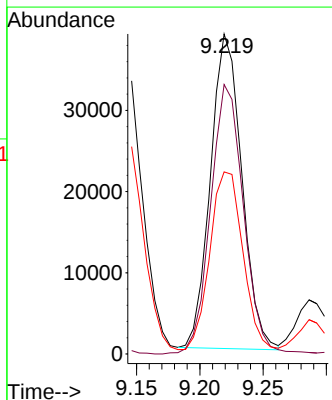
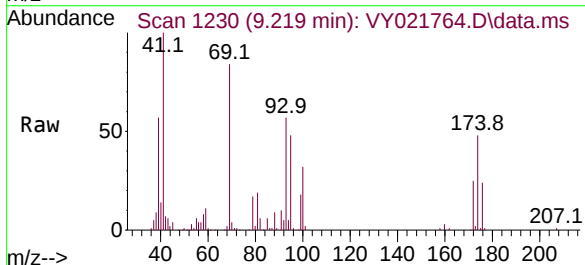
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

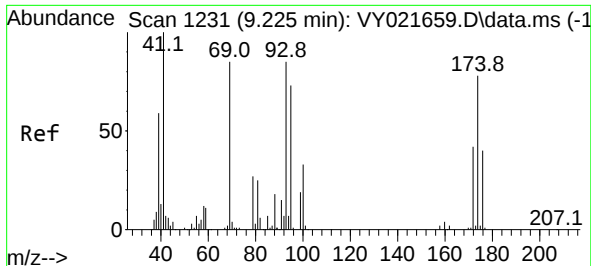
Tgt Ion: 83 Resp: 184690
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.6
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 51.503 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 41 Resp: 66713
Ion Ratio Lower Upper
41 100
69 89.9 69.8 104.8
39 59.8 47.2 70.8





#49

1,4-Dioxane

Concen: 1017.026 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

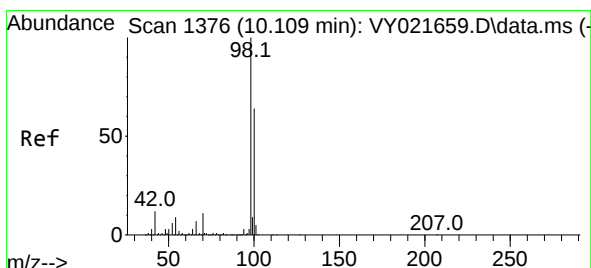
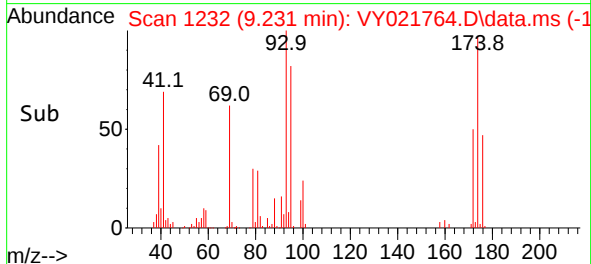
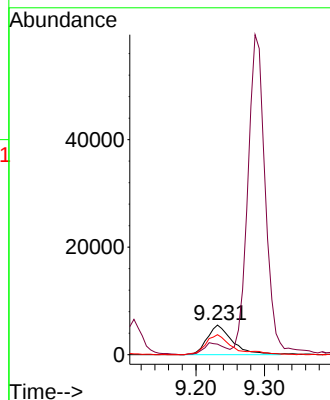
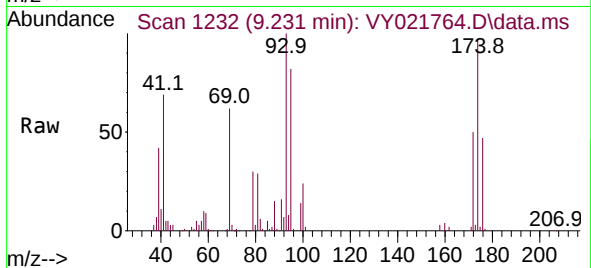
Tgt Ion: 88 Resp: 14046

Ion Ratio Lower Upper

88 100

43 33.0 28.8 43.2

58 72.1 59.4 89.2



#50

Toluene-d8

Concen: 55.228 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021764.D

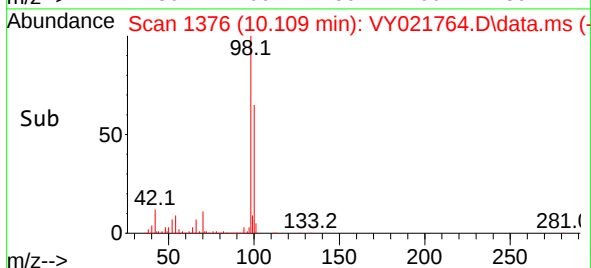
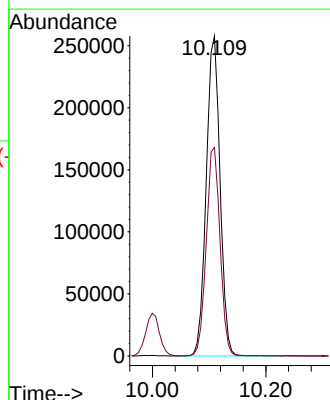
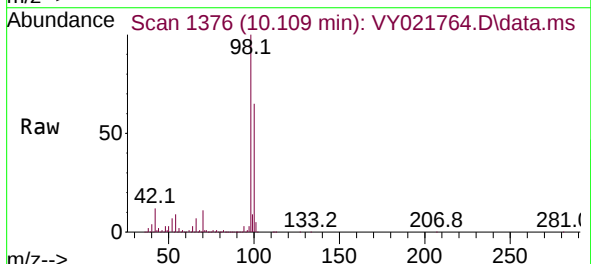
Acq: 03 Apr 2025 11:01

Tgt Ion: 98 Resp: 435291

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 258.444 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

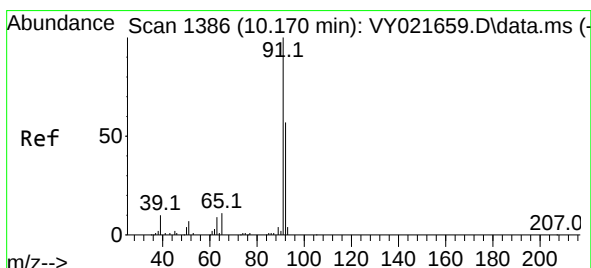
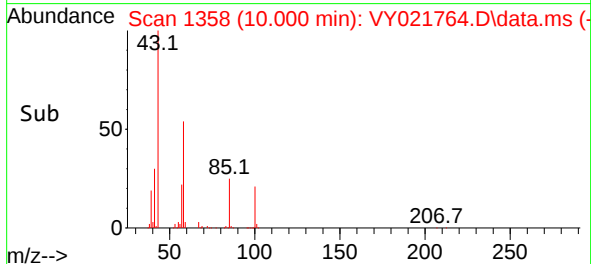
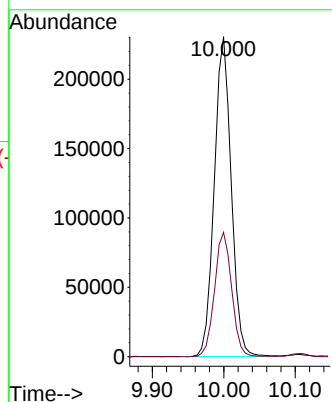
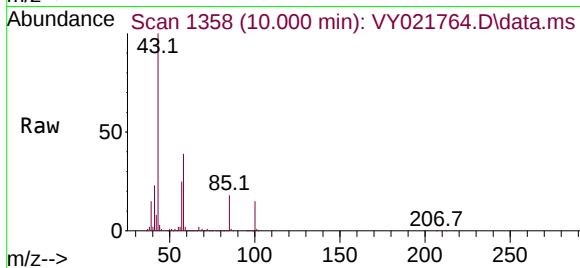
VSTDCCC050

Tgt Ion: 43 Resp: 379583

Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3



#52

Toluene

Concen: 56.721 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021764.D

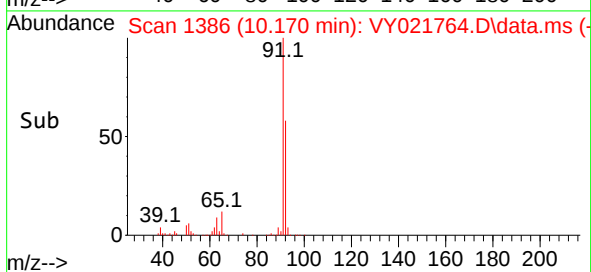
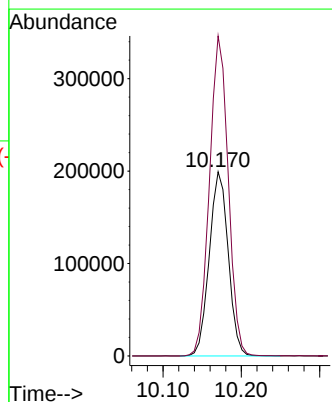
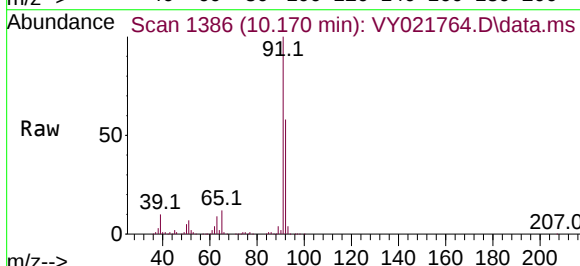
Acq: 03 Apr 2025 11:01

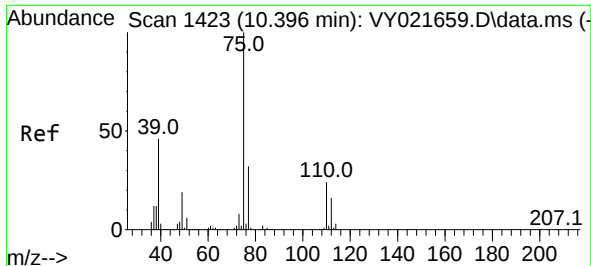
Tgt Ion: 92 Resp: 334440

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8

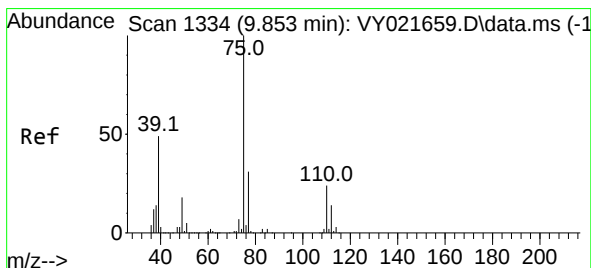
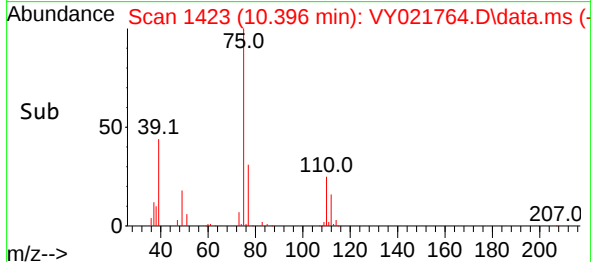
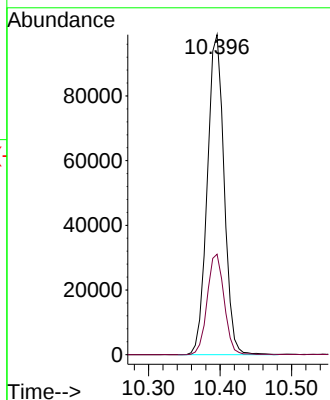
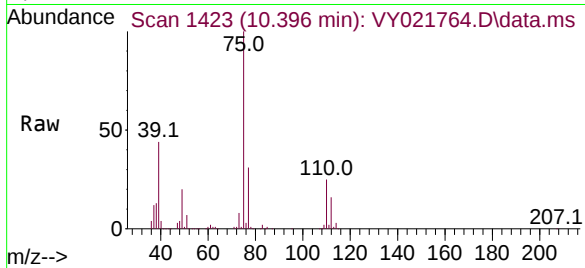




#53
t-1,3-Dichloropropene
Concen: 54.410 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

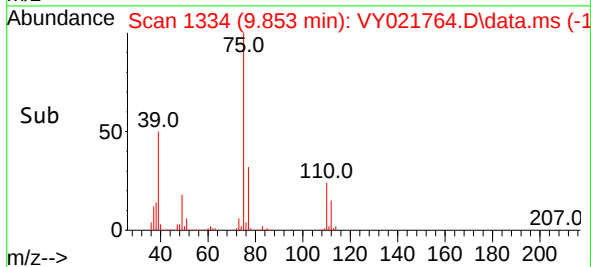
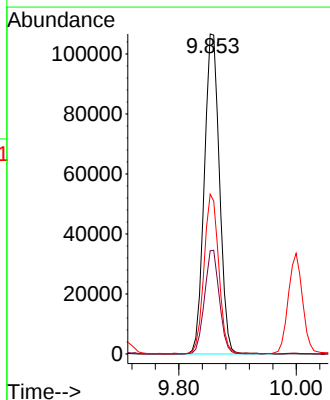
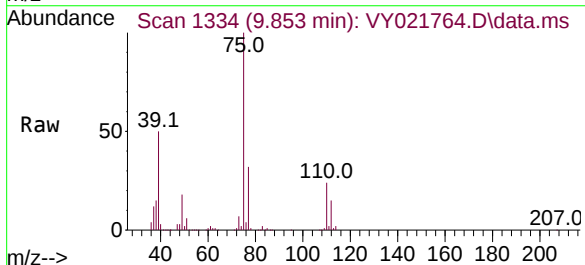
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

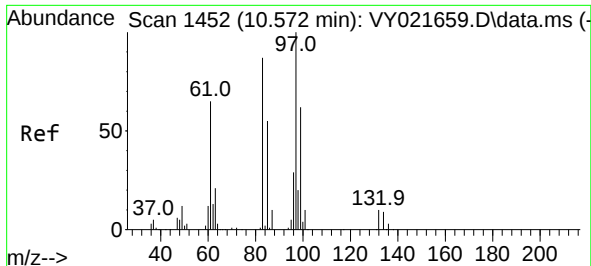
Tgt Ion: 75 Resp: 161445
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.721 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 75 Resp: 191551
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3
39 49.8 39.2 58.8

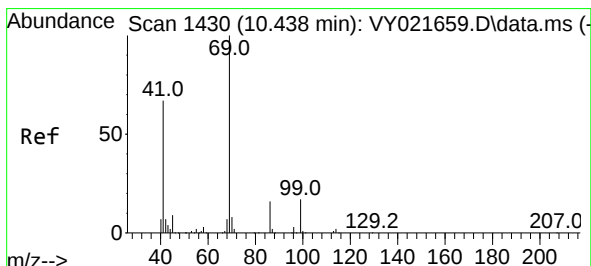
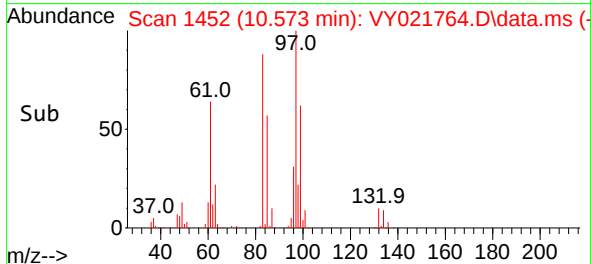
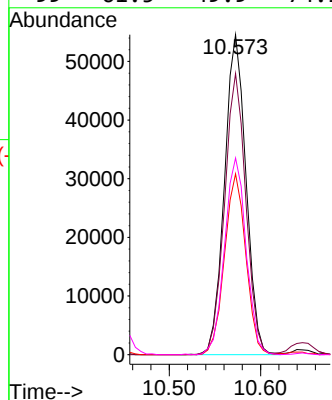
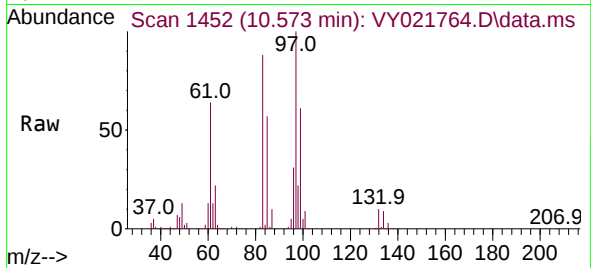




#55
1,1,2-Trichloroethane
Concen: 53.800 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

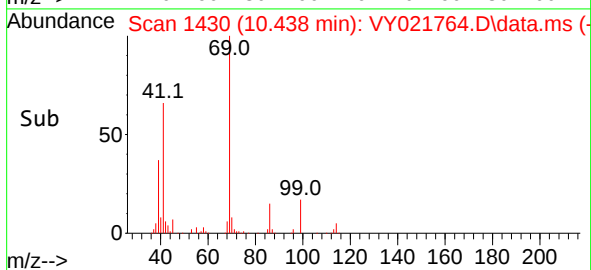
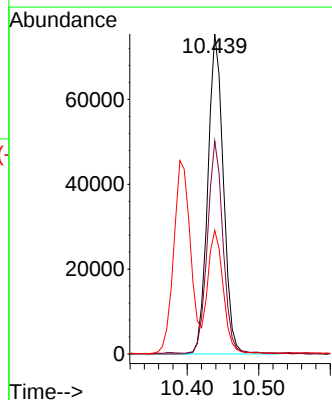
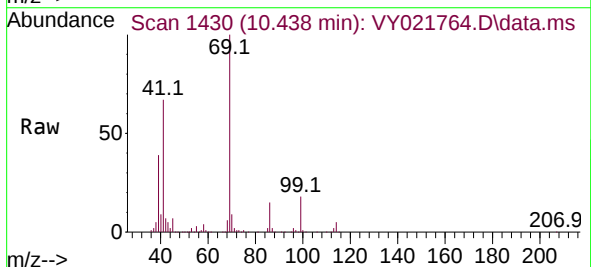
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

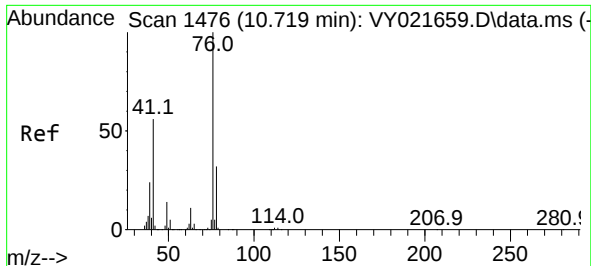
Tgt Ion: 97	Resp: 89259
Ion Ratio	Lower Upper
97 100	
83 87.8	69.5 104.3
85 56.5	43.9 65.9
99 61.5	49.9 74.9



#56
Ethyl methacrylate
Concen: 53.919 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 69	Resp: 114225
Ion Ratio	Lower Upper
69 100	
41 66.0	53.8 80.6
39 37.4	29.6 44.4





#57

1,3-Dichloropropane

Concen: 54.903 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

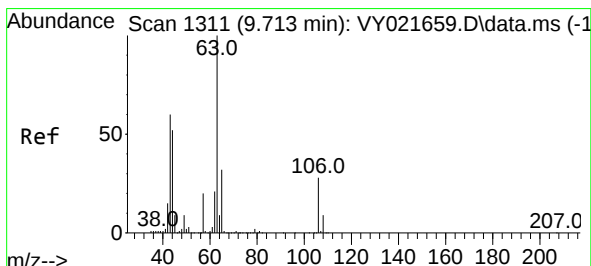
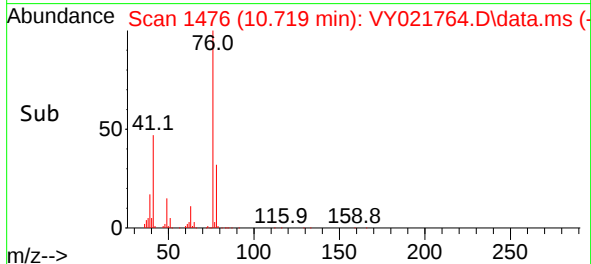
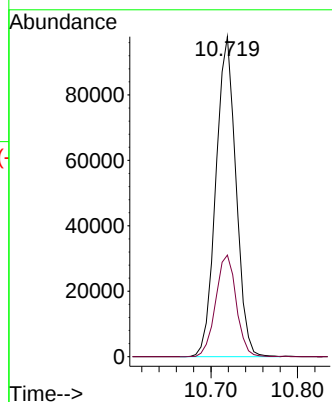
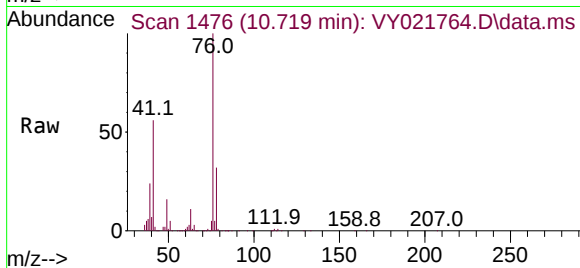
VSTDCCC050

Tgt Ion: 76 Resp: 157315

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.669 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021764.D

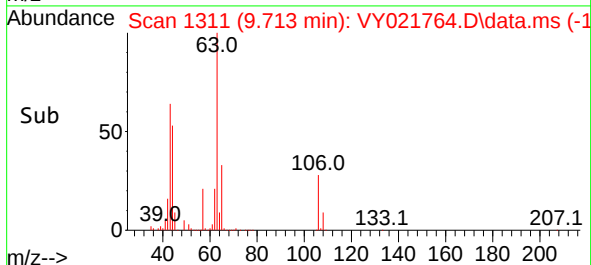
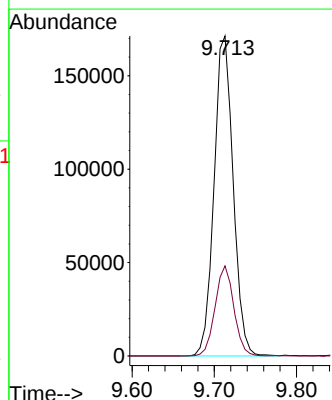
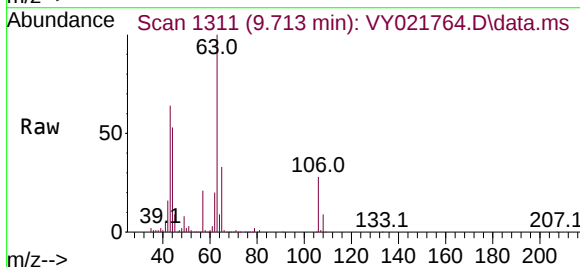
Acq: 03 Apr 2025 11:01

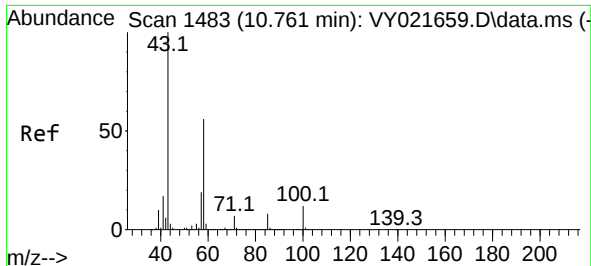
Tgt Ion: 63 Resp: 276622

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

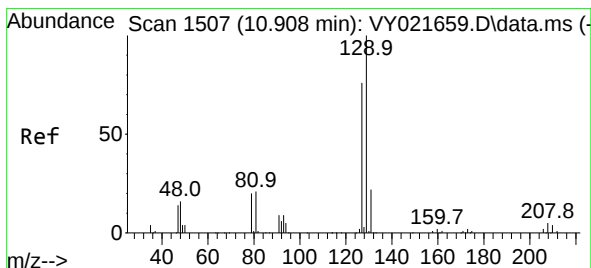
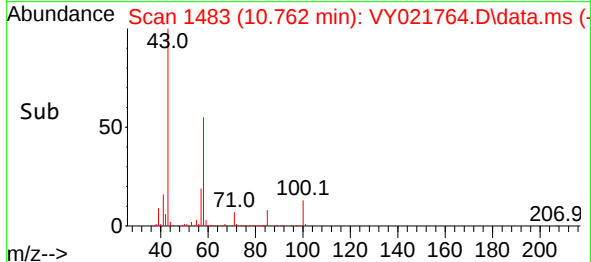
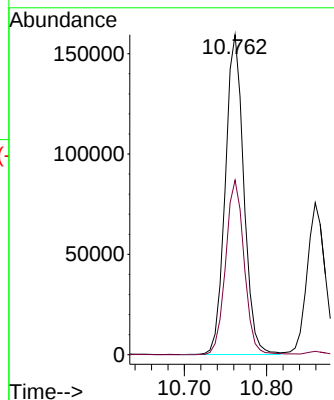
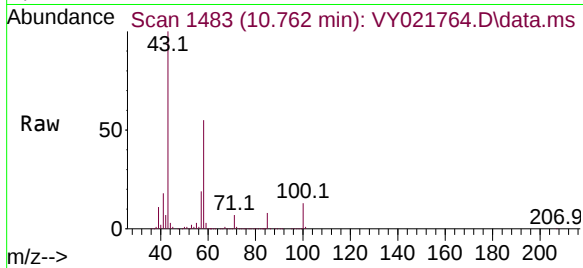




#59
2-Hexanone
Concen: 255.268 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

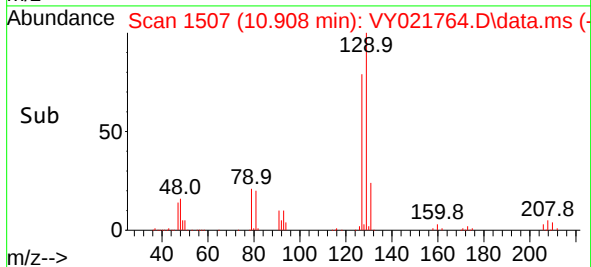
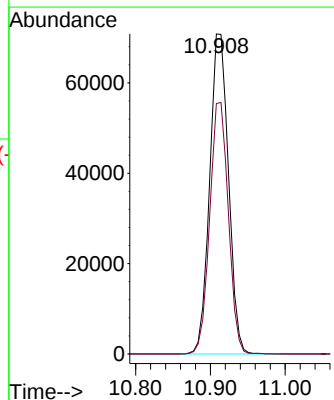
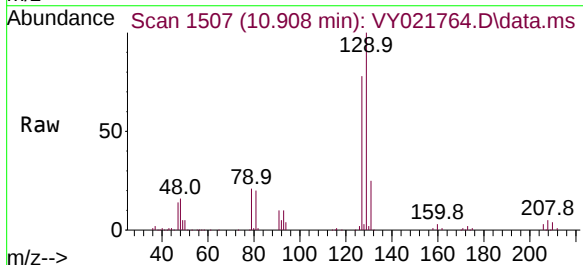
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

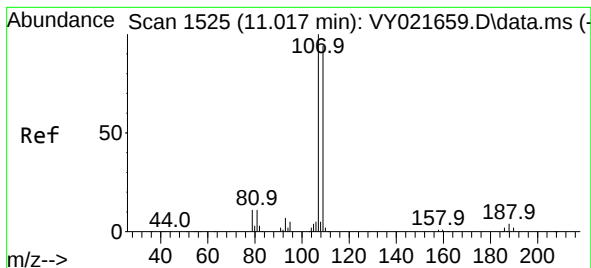
Tgt Ion: 43 Resp: 249690
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5



#60
Dibromochloromethane
Concen: 54.568 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:129 Resp: 123607
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

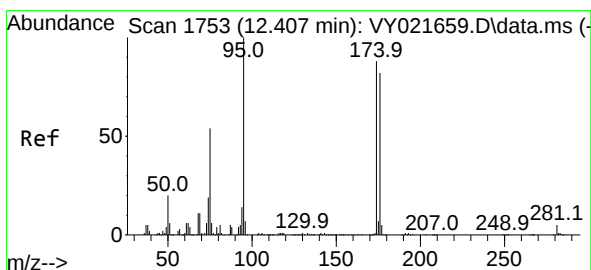
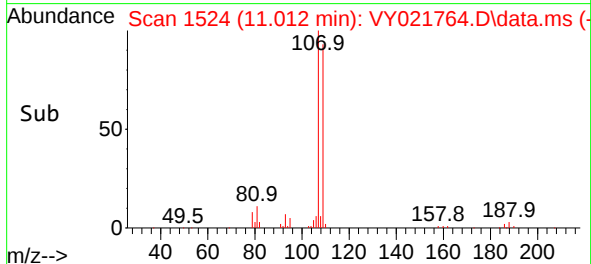
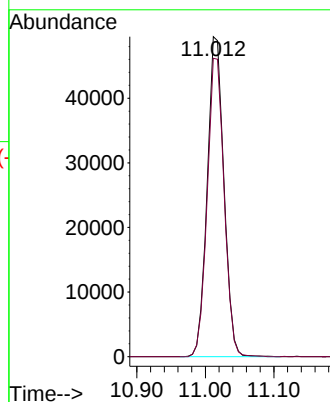
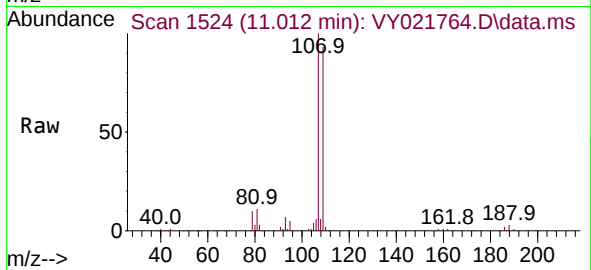




#61
1,2-Dibromoethane
Concen: 53.970 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

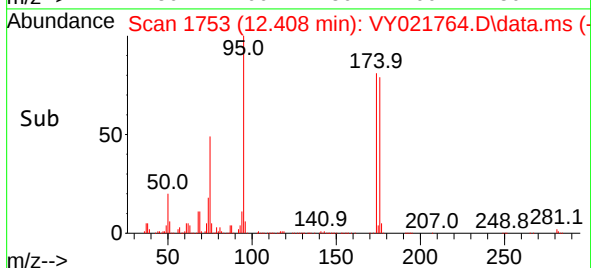
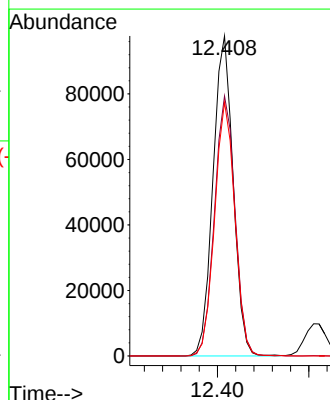
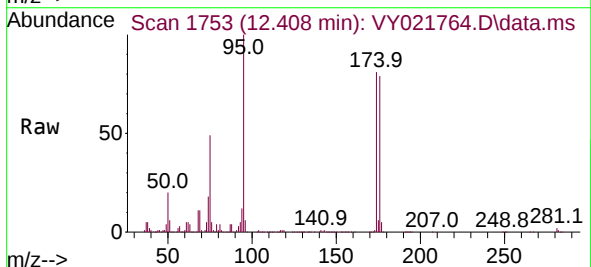
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

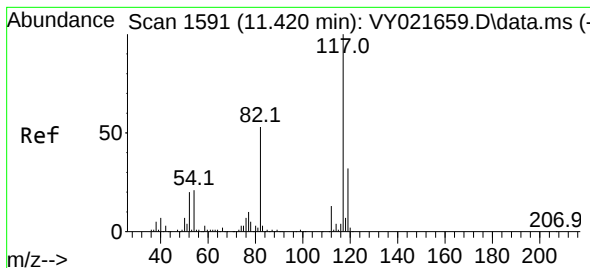
Tgt Ion:107 Resp: 83996
Ion Ratio Lower Upper
107 100
109 94.5 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.948 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 95 Resp: 149156
Ion Ratio Lower Upper
95 100
174 83.0 0.0 170.8
176 79.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

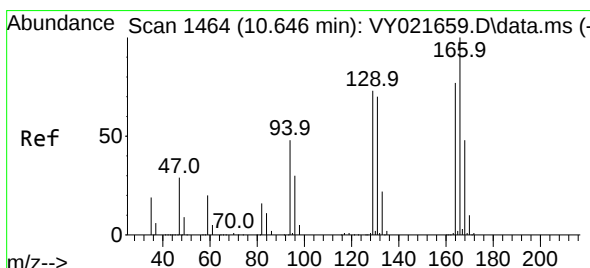
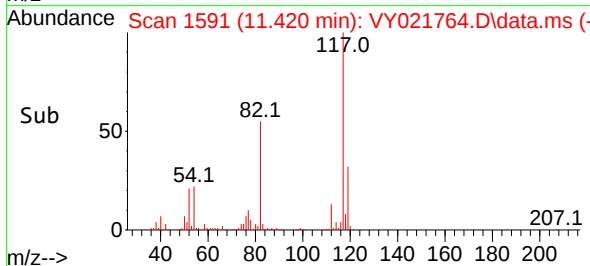
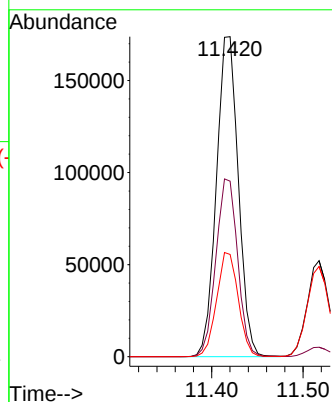
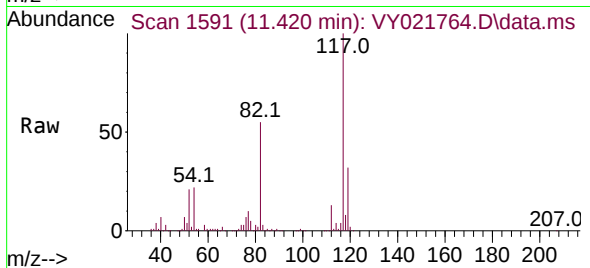
Tgt Ion:117 Resp: 290244

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 55.379 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Tgt Ion:164 Resp: 146393

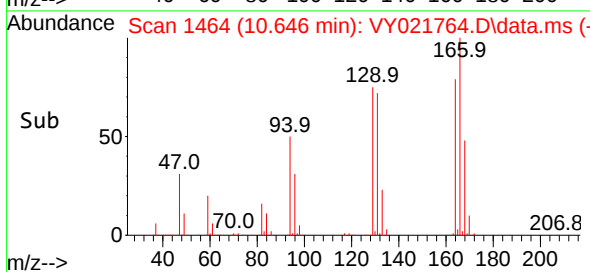
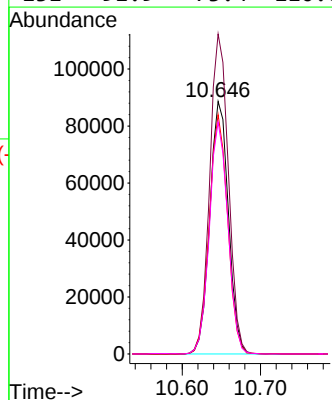
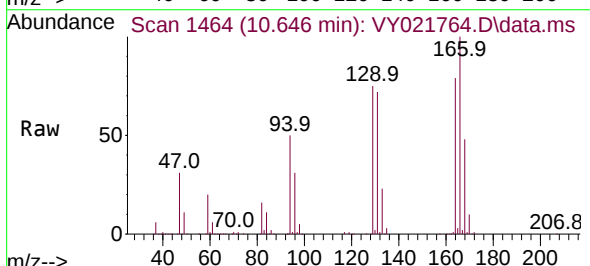
Ion Ratio Lower Upper

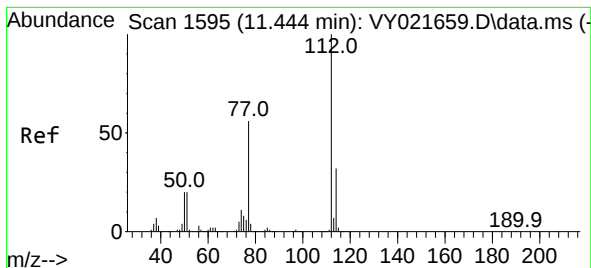
164 100

166 126.7 104.6 156.8

129 94.8 76.6 114.8

131 91.9 73.4 110.0





#65

Chlorobenzene

Concen: 53.603 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

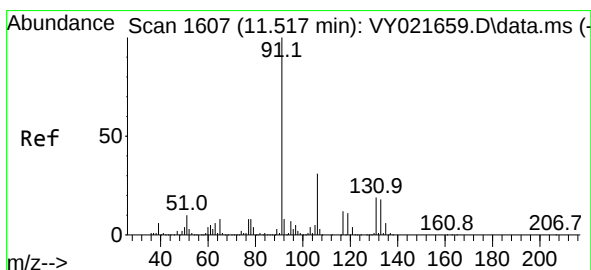
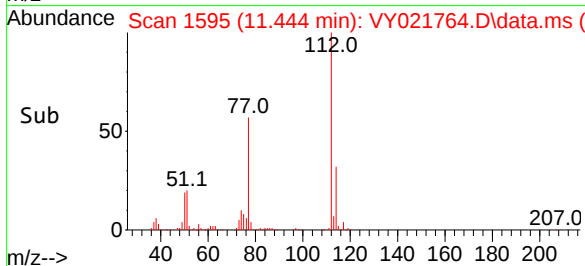
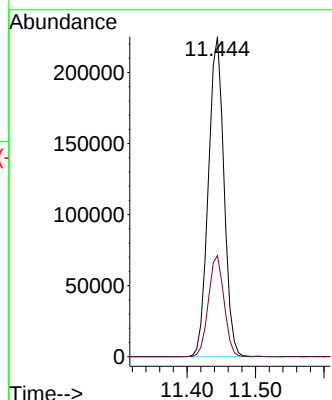
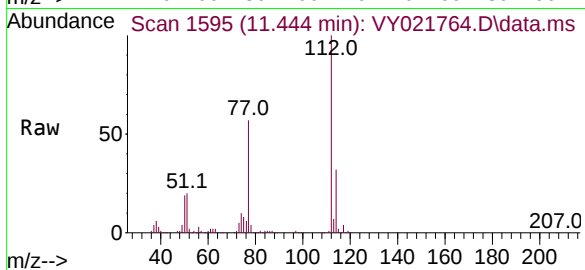
VSTDCCC050

Tgt Ion:112 Resp: 356640

Ion Ratio Lower Upper

112 100

114 31.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 54.261 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

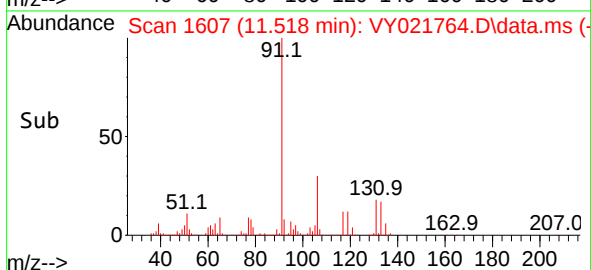
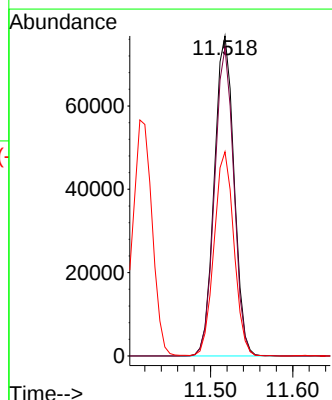
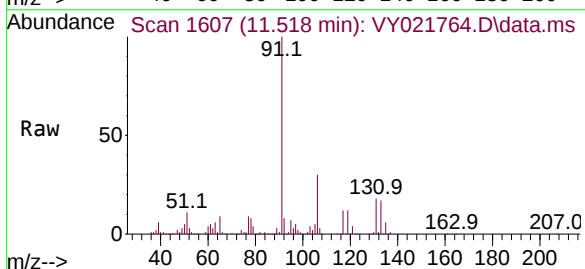
Tgt Ion:131 Resp: 128088

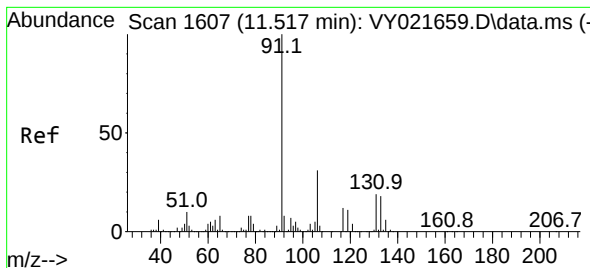
Ion Ratio Lower Upper

131 100

133 94.0 47.3 141.8

119 64.2 31.6 95.0





#67

Ethyl Benzene

Concen: 55.527 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

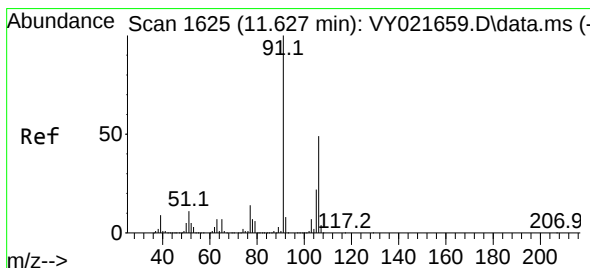
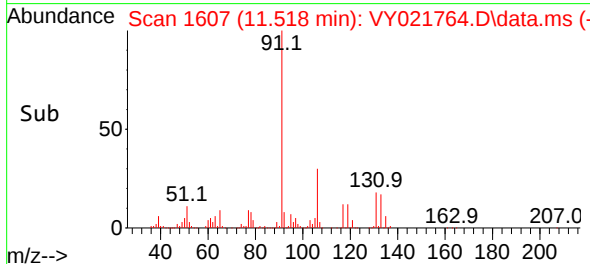
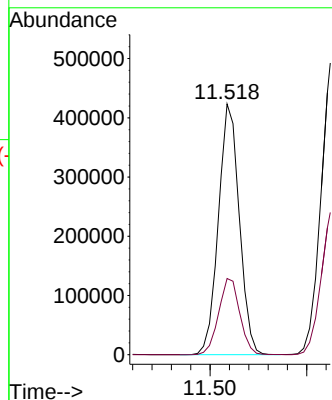
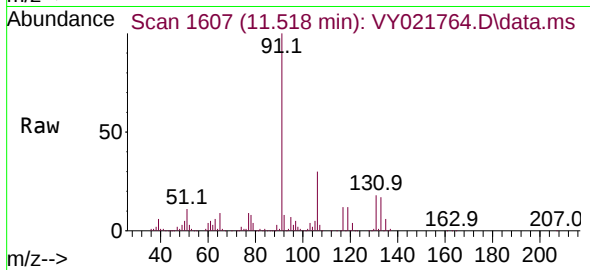
VSTDCCC050

Tgt Ion: 91 Resp: 633513

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 111.893 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021764.D

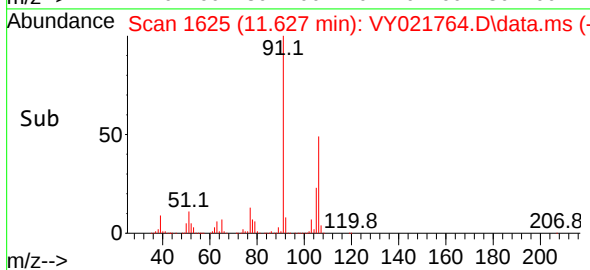
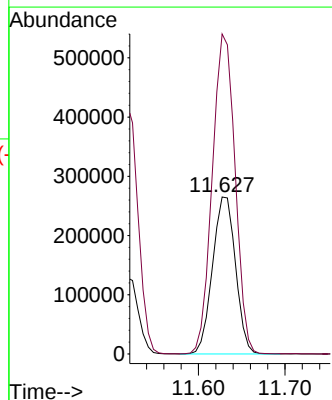
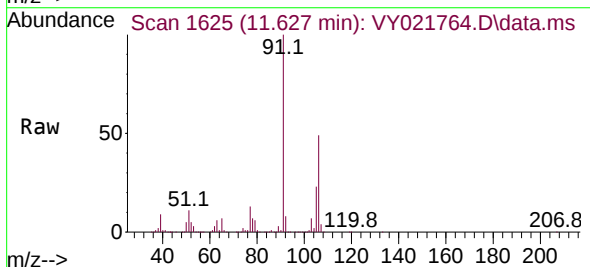
Acq: 03 Apr 2025 11:01

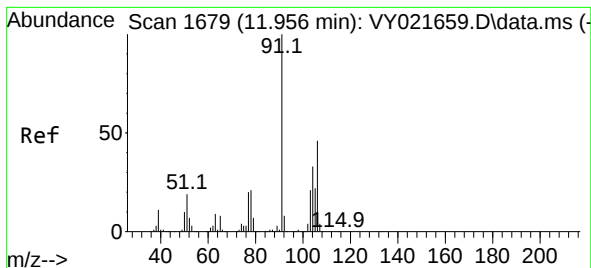
Tgt Ion: 106 Resp: 488843

Ion Ratio Lower Upper

106 100

91 202.4 162.4 243.6

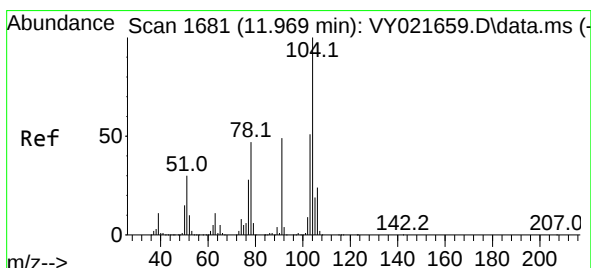
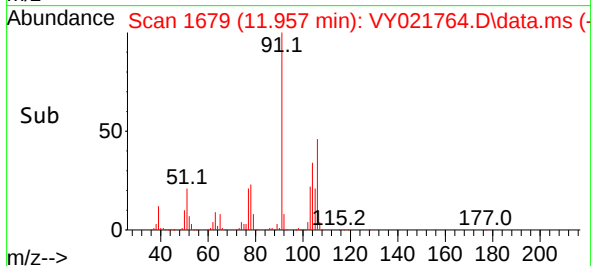
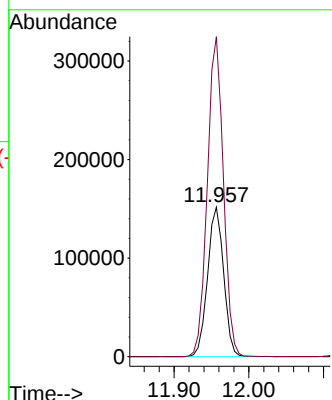
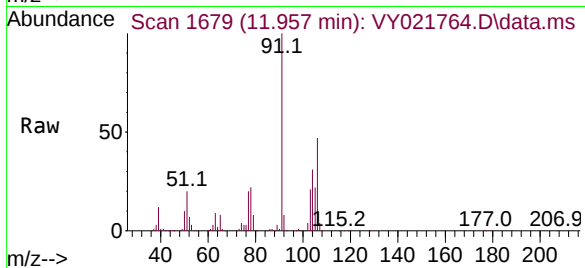




#69
o-Xylene
Concen: 56.203 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

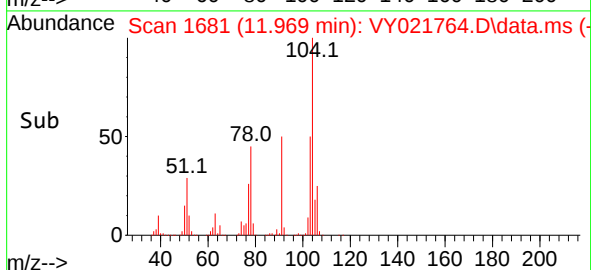
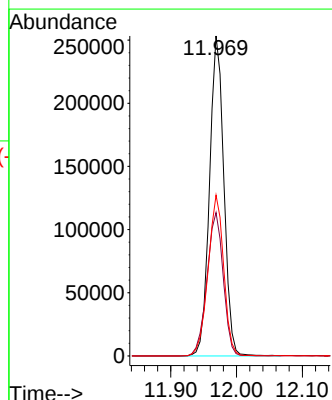
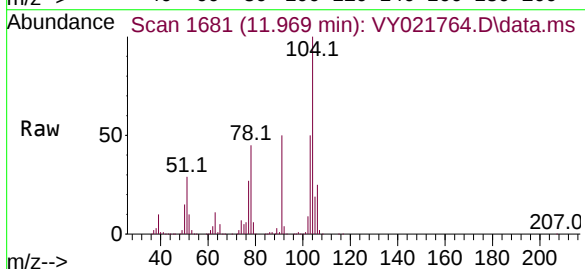
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

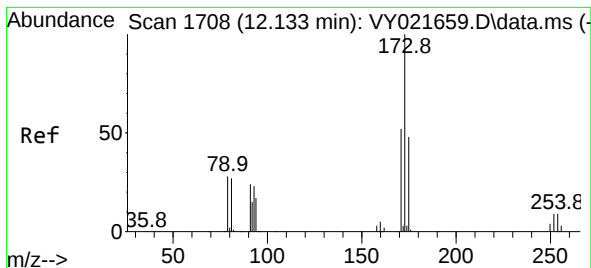
Tgt Ion:106 Resp: 226654
Ion Ratio Lower Upper
106 100
91 213.9 106.7 319.9



#70
Styrene
Concen: 57.244 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:104 Resp: 384904
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 53.171 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

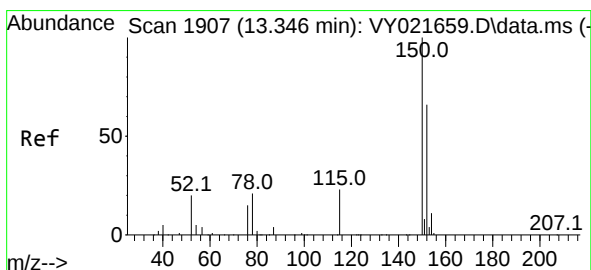
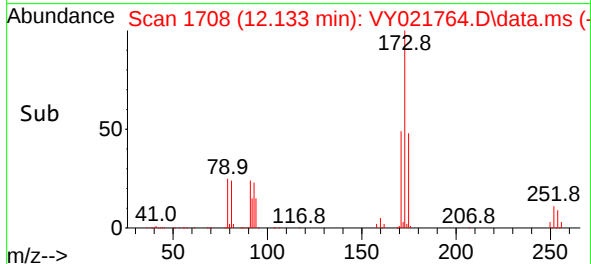
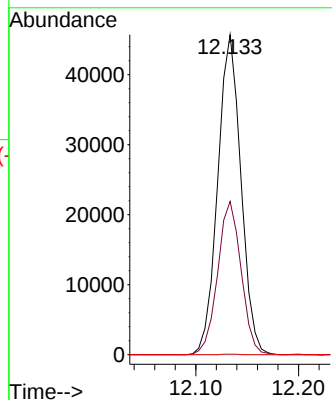
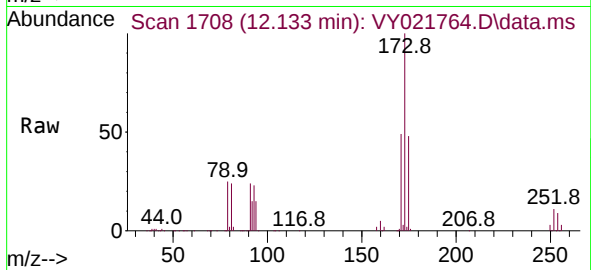
Tgt Ion:173 Resp: 71596

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

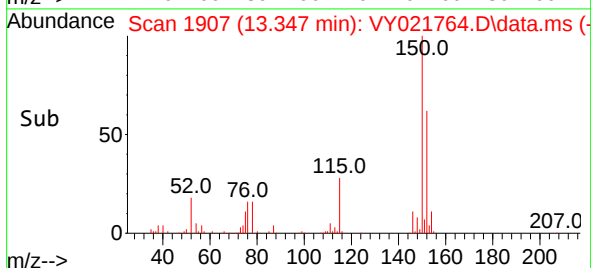
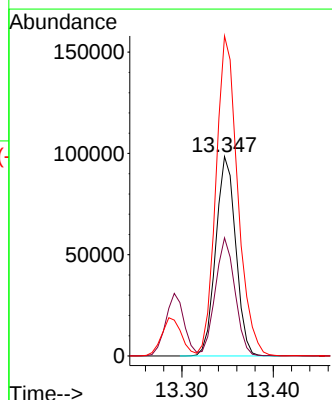
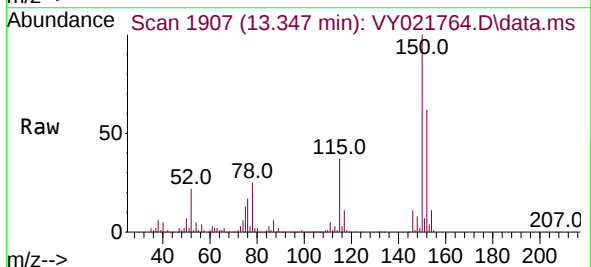
Tgt Ion:152 Resp: 149312

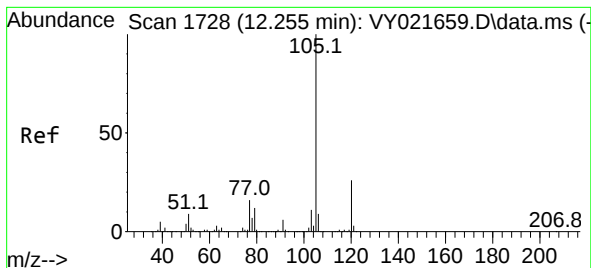
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 175.0 0.0 348.4





#73

Isopropylbenzene

Concen: 53.748 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

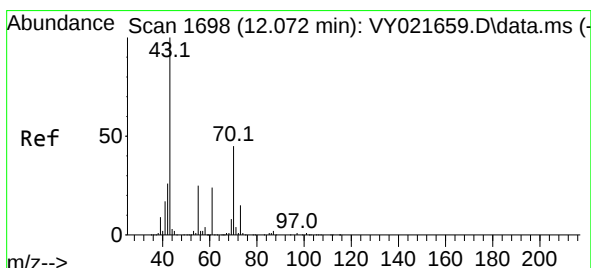
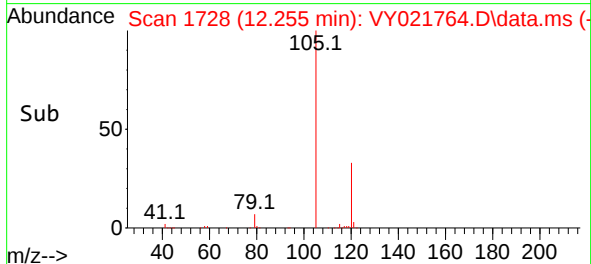
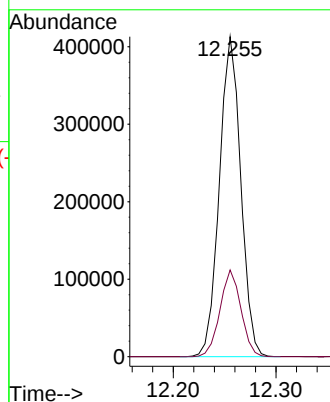
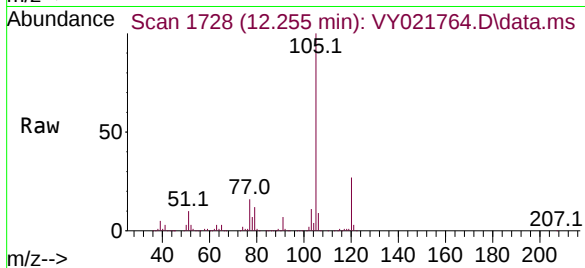
VSTDCCC050

Tgt Ion:105 Resp: 596060

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 48.772 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Tgt Ion: 43 Resp: 126940

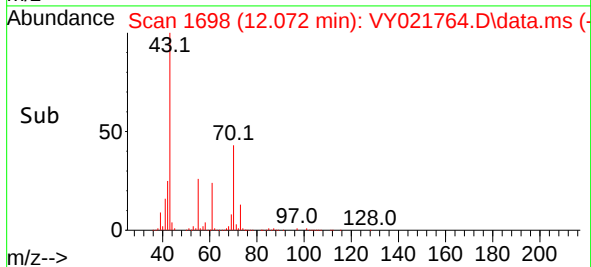
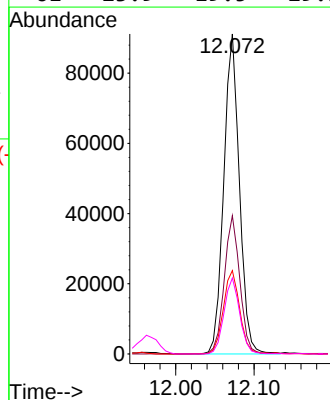
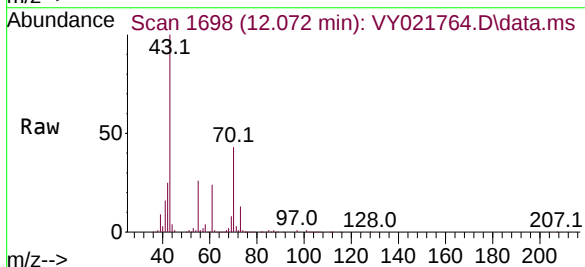
Ion Ratio Lower Upper

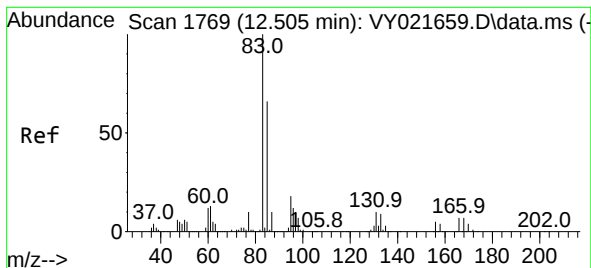
43 100

70 43.3 34.7 52.1

55 27.6 21.2 31.8

61 23.9 19.5 29.3

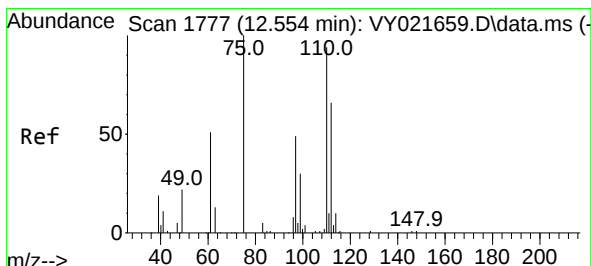
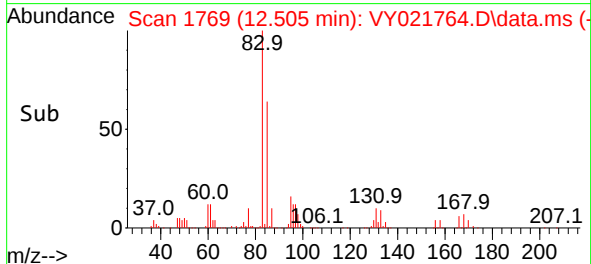
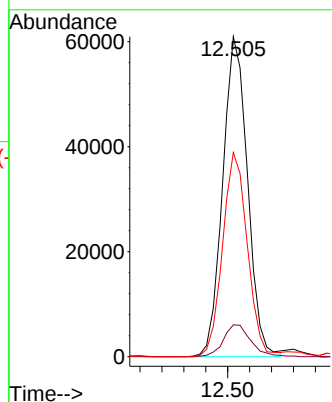
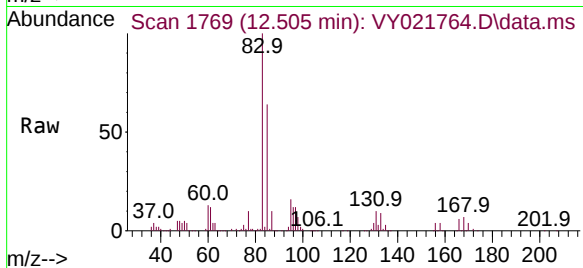




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.109 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

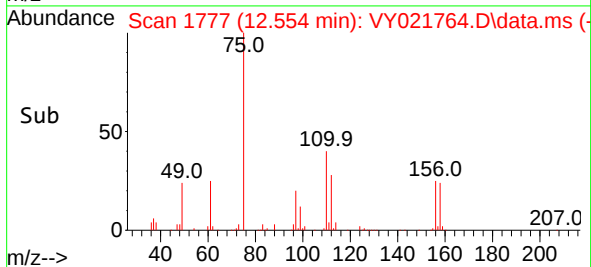
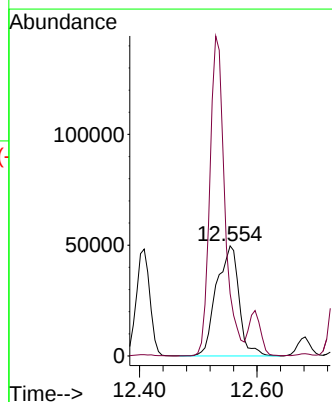
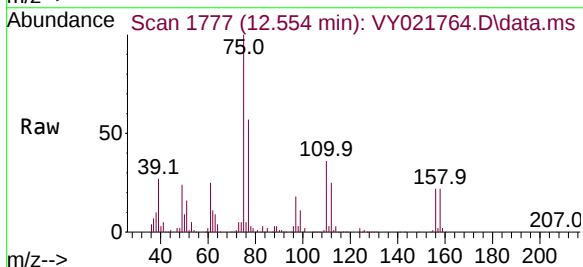
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

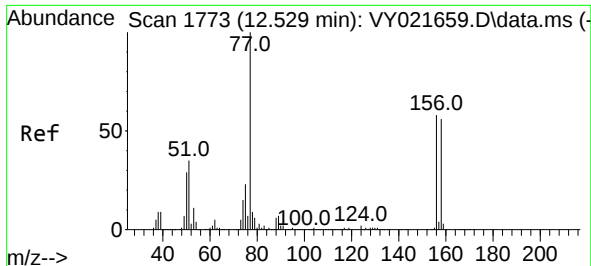
Tgt Ion: 83 Resp: 95922
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 63.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 89.816 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

Tgt Ion: 75 Resp: 132933
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

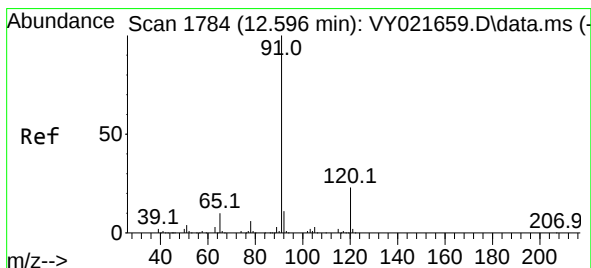
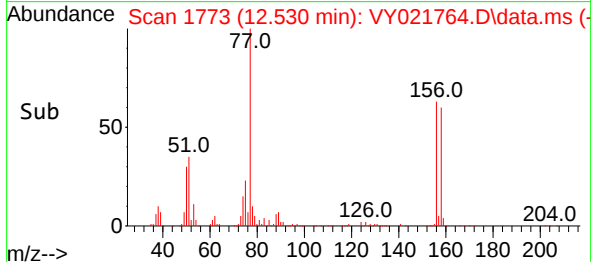
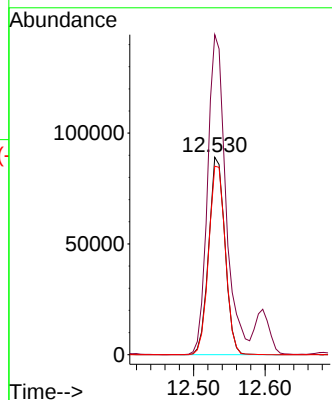
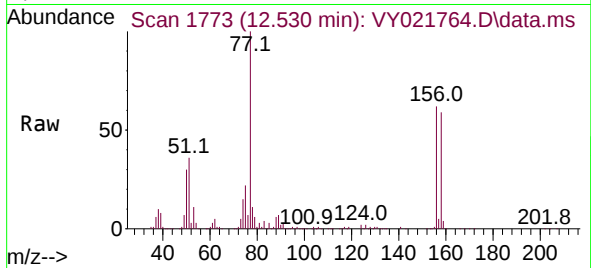




#77
Bromobenzene
Concen: 52.942 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

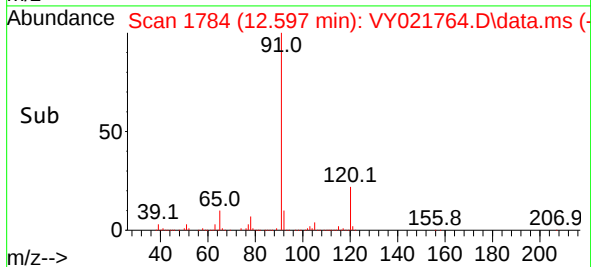
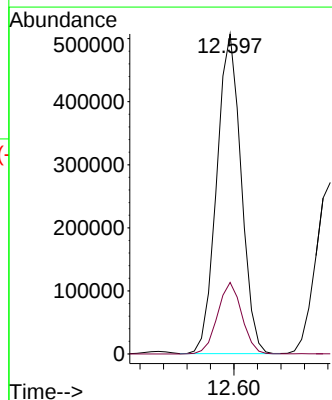
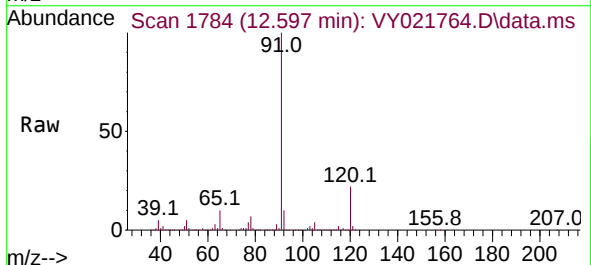
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

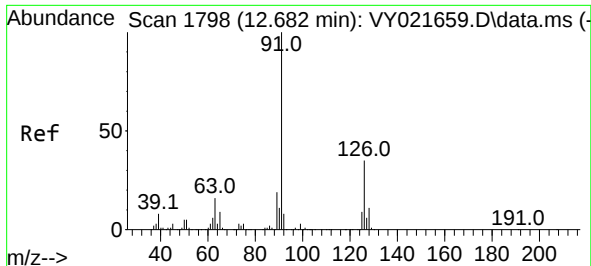
Tgt Ion:156 Resp: 140969
Ion Ratio Lower Upper
156 100
77 182.4 92.8 278.3
158 97.7 48.5 145.6



#78
n-propylbenzene
Concen: 54.904 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 91 Resp: 732017
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9

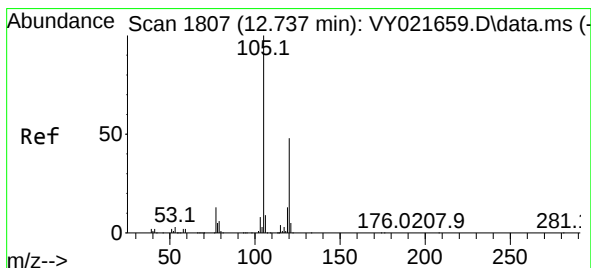
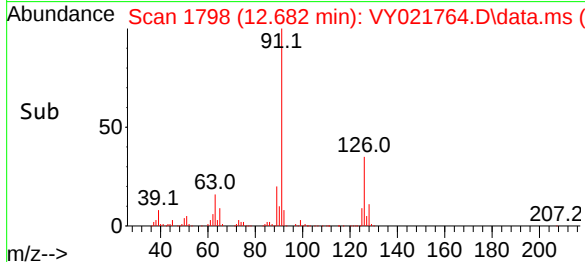
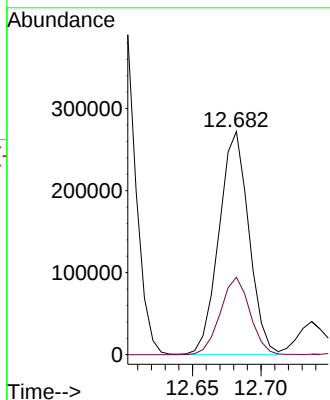
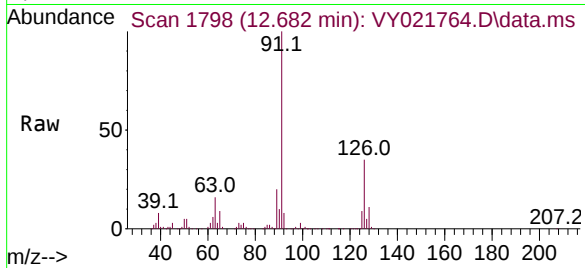




#79
2-Chlorotoluene
Concen: 53.244 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

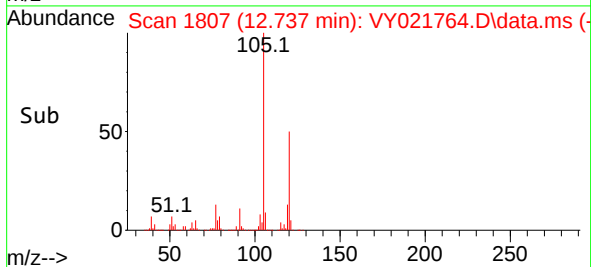
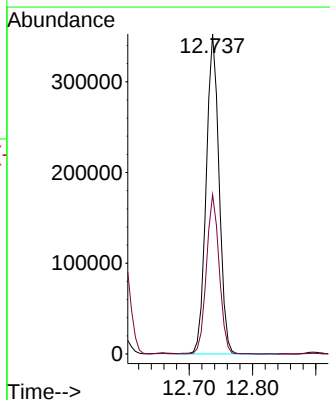
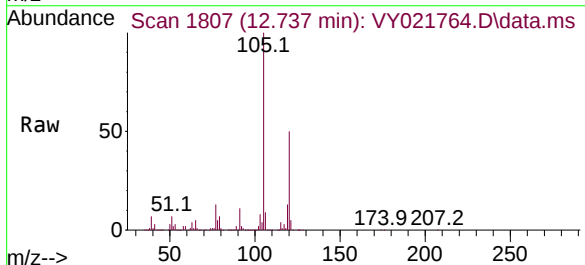
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

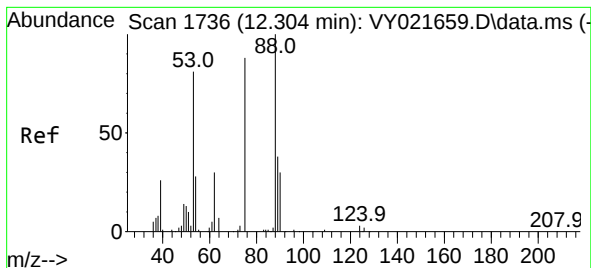
Tgt Ion: 91 Resp: 412314
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 55.009 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 105 Resp: 498587
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

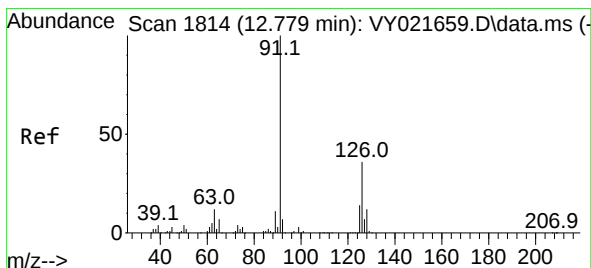
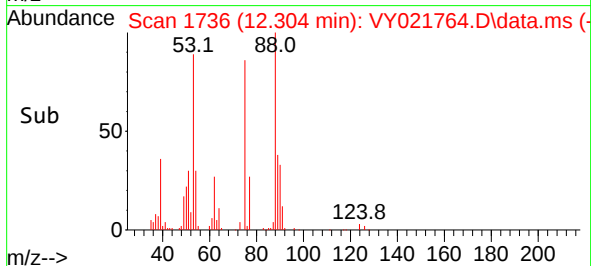
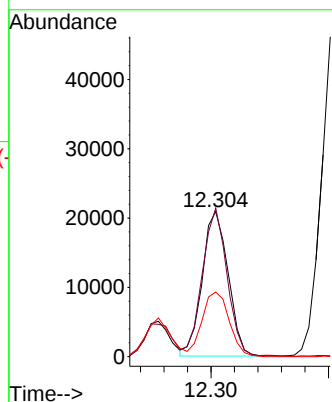
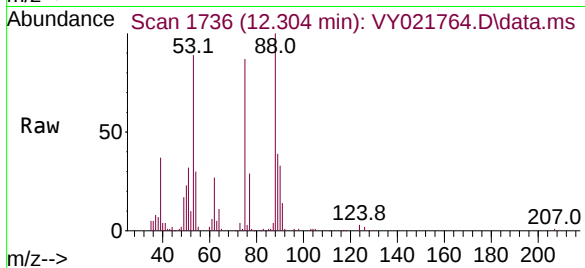




#81
trans-1,4-Dichloro-2-butene
Concen: 49.716 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

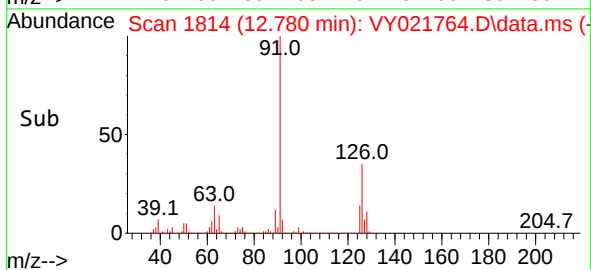
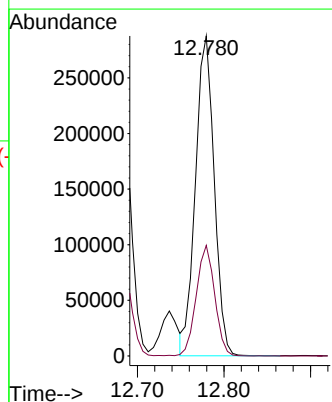
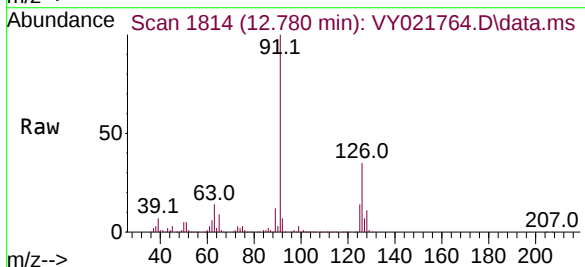
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

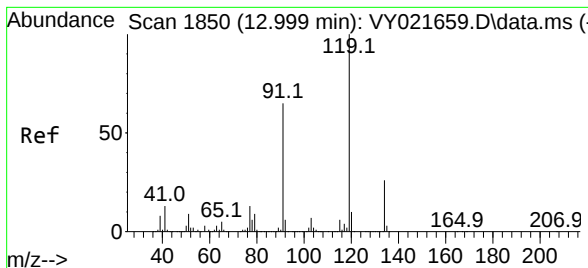
Tgt Ion: 75 Resp: 31935
Ion Ratio Lower Upper
75 100
53 98.9 76.1 114.1
89 46.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.461 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion: 91 Resp: 431611
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9

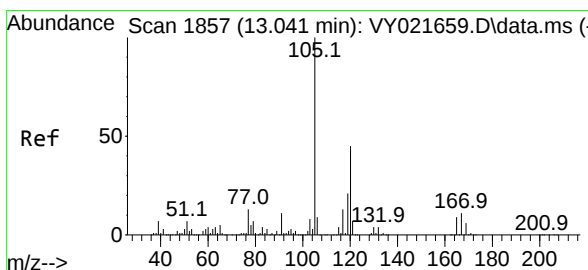
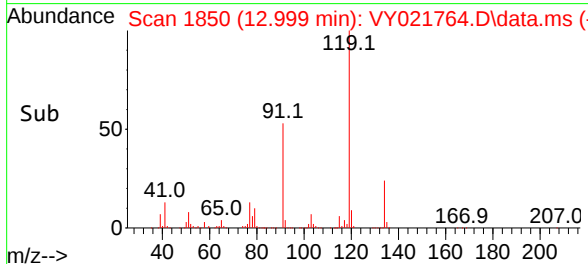
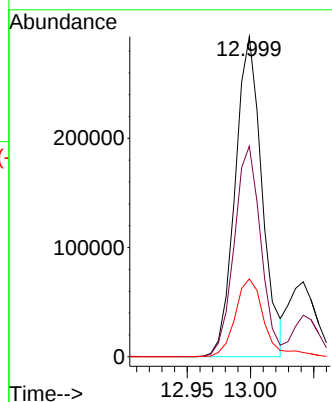
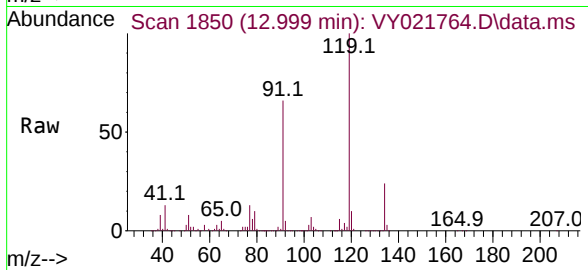




#83
tert-Butylbenzene
Concen: 53.777 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

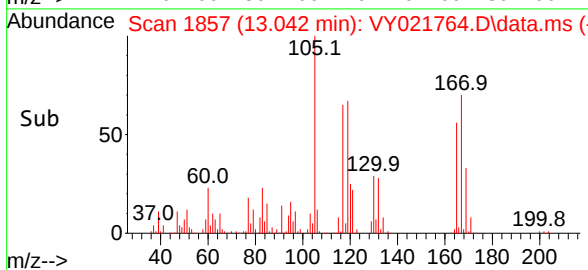
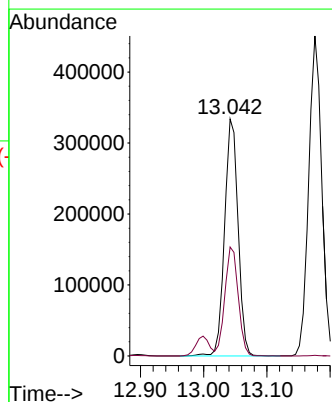
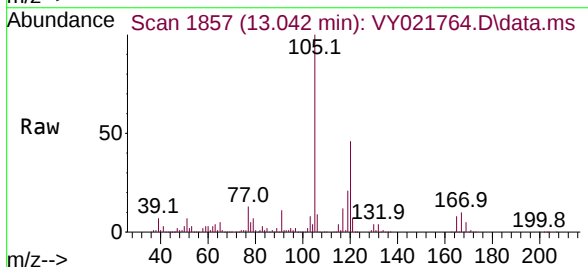
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

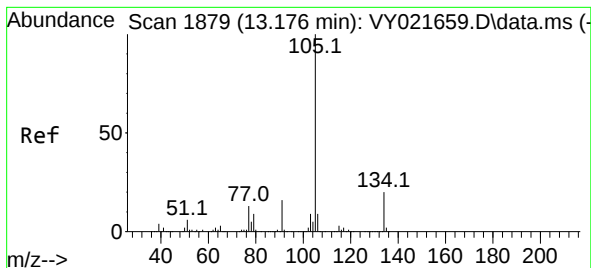
Tgt Ion:119 Resp: 434140
Ion Ratio Lower Upper
119 100
91 65.0 32.6 97.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 54.999 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:105 Resp: 492689
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.295 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

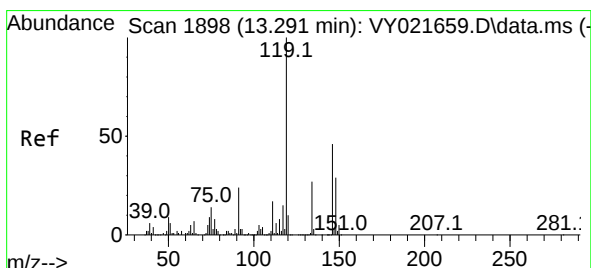
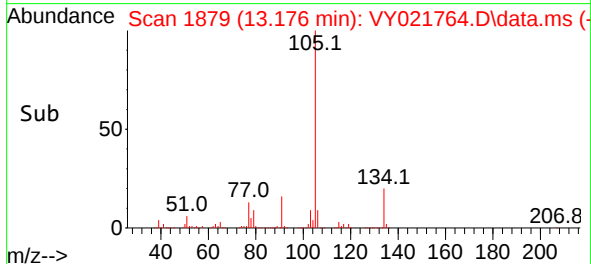
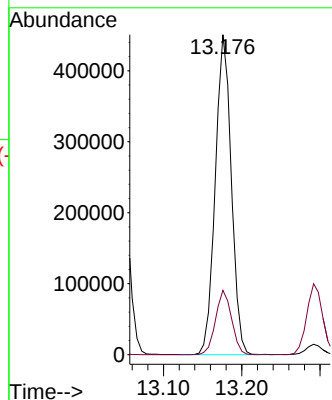
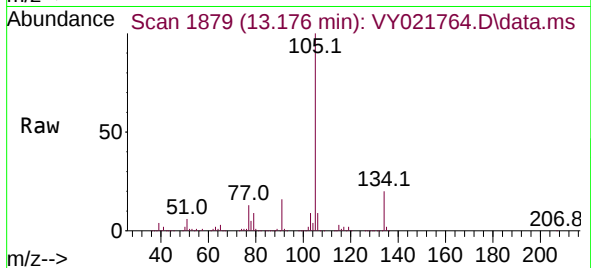
VSTDCCC050

Tgt Ion:105 Resp: 640568

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.178 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

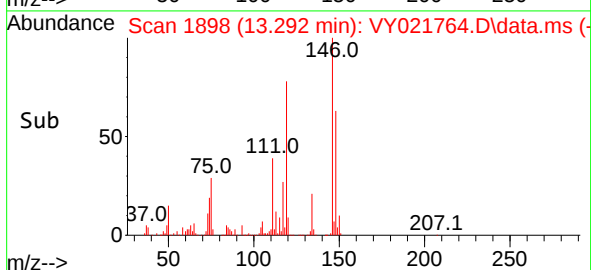
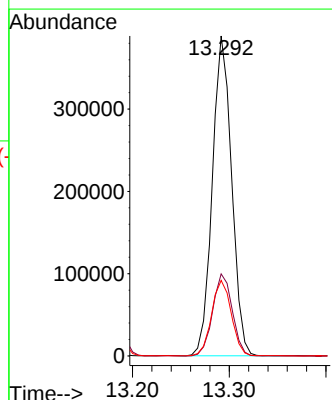
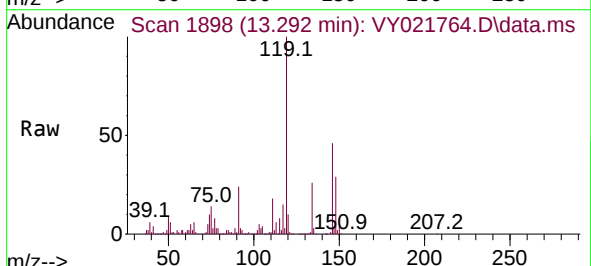
Tgt Ion:119 Resp: 538043

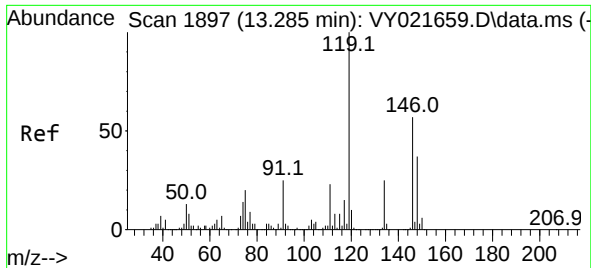
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 24.1 12.0 36.0

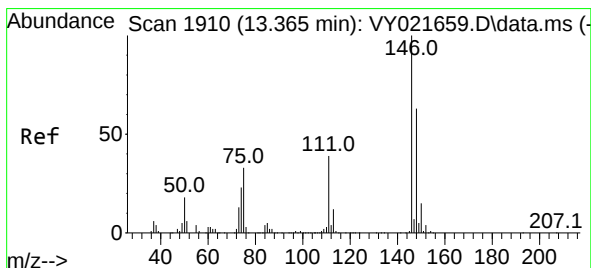
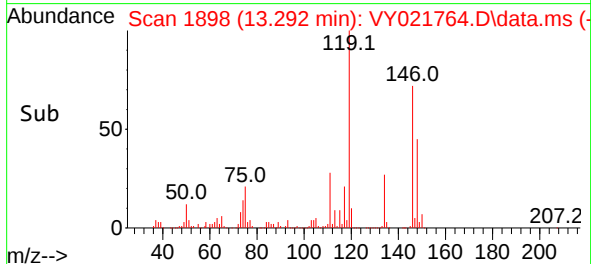
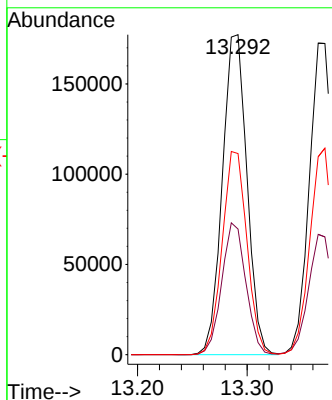
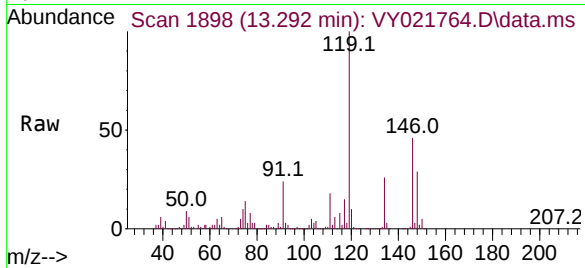




#87
 1,3-Dichlorobenzene
 Concen: 52.772 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

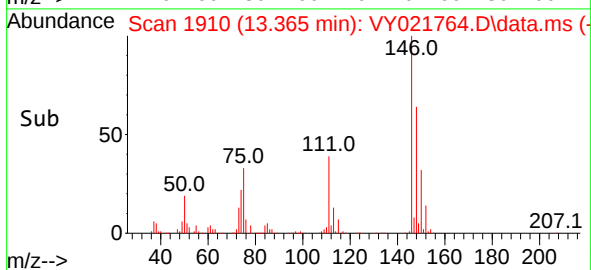
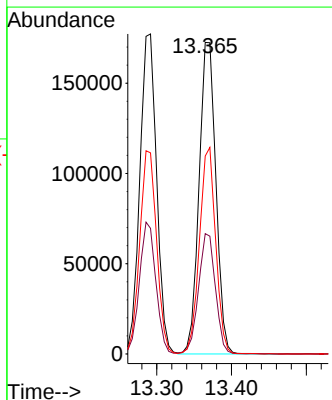
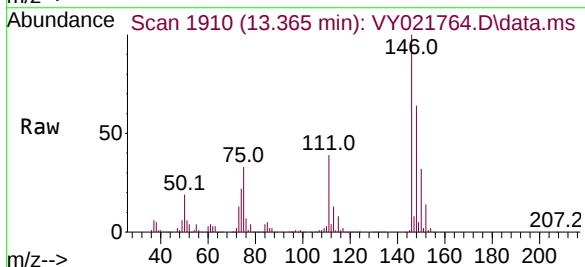
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 276842
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 52.110 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

Tgt Ion:146 Resp: 270091
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 54.459 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

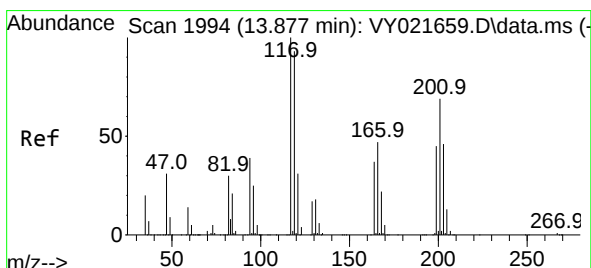
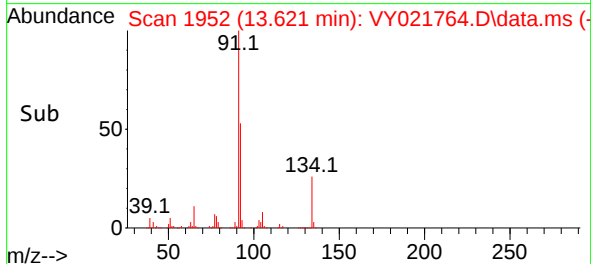
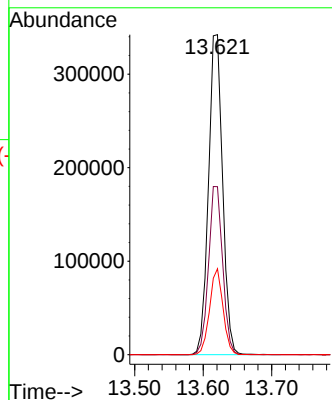
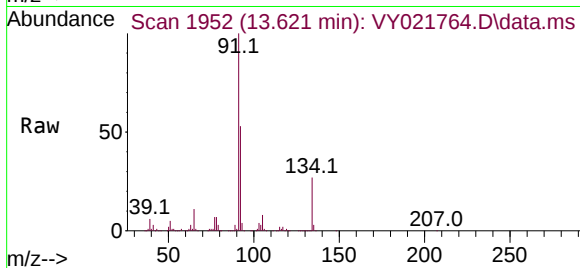
Tgt Ion: 91 Resp: 491103

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 51.825 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021764.D

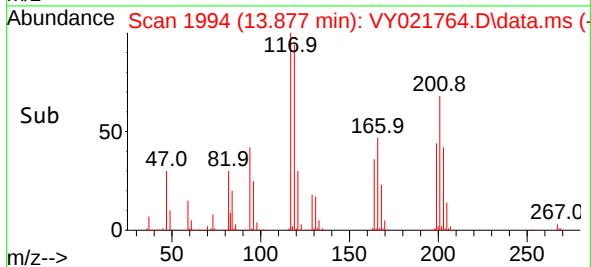
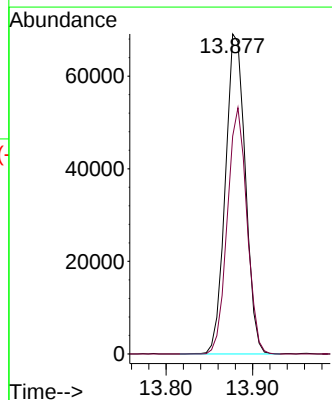
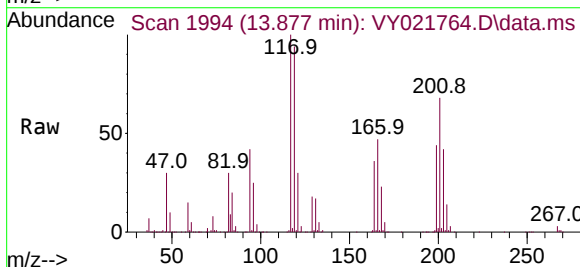
Acq: 03 Apr 2025 11:01

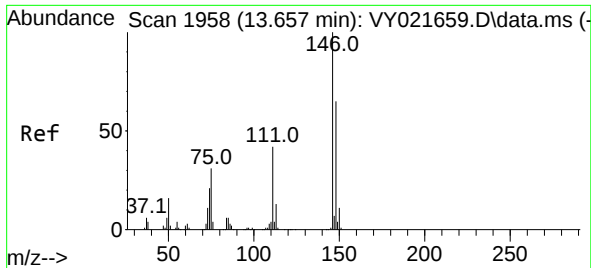
Tgt Ion: 117 Resp: 110741

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1

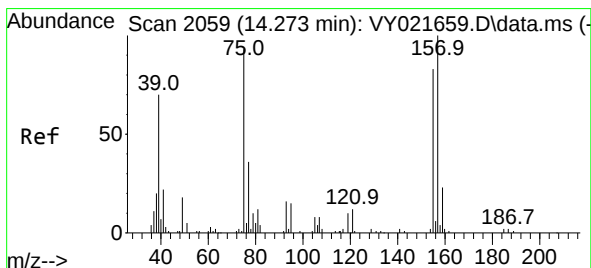
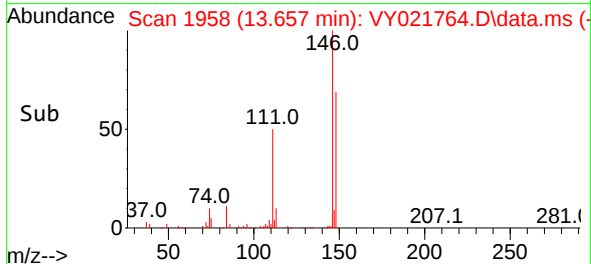
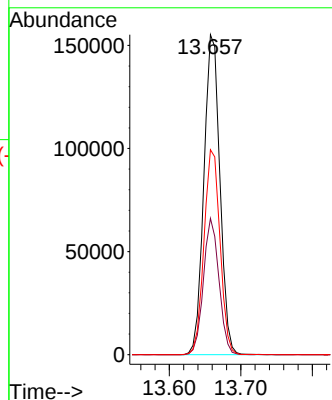
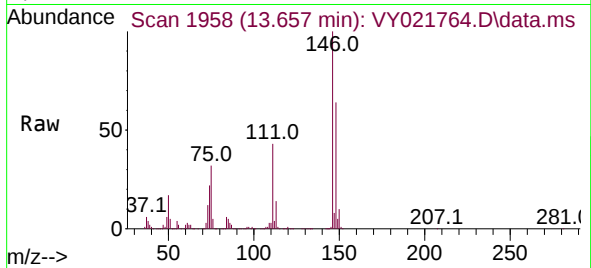




#91
 1,2-Dichlorobenzene
 Concen: 52.853 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

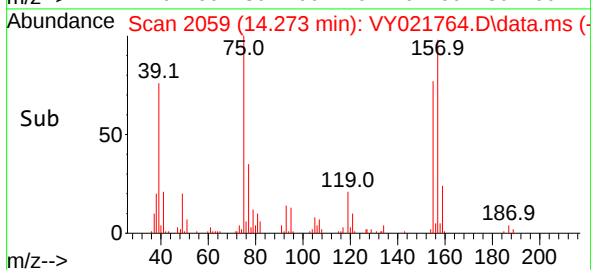
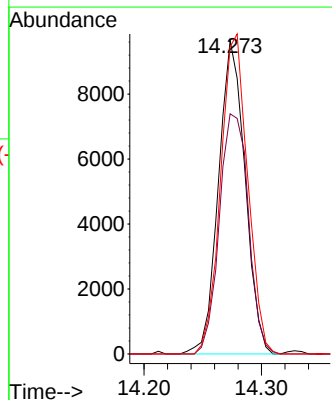
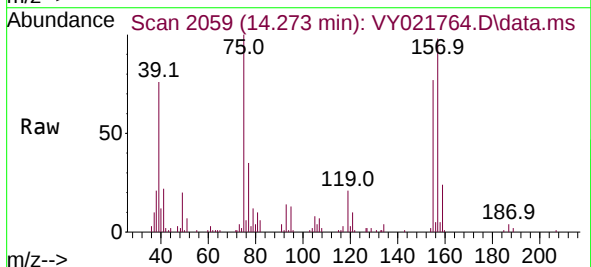
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

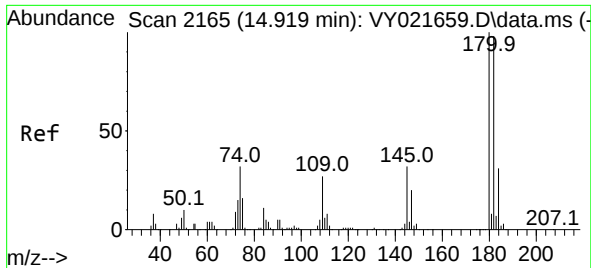
Tgt Ion:146 Resp: 241365
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 64.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.960 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021764.D
 Acq: 03 Apr 2025 11:01

Tgt Ion: 75 Resp: 15130
 Ion Ratio Lower Upper
 75 100
 155 83.7 43.0 128.8
 157 103.9 54.0 162.0

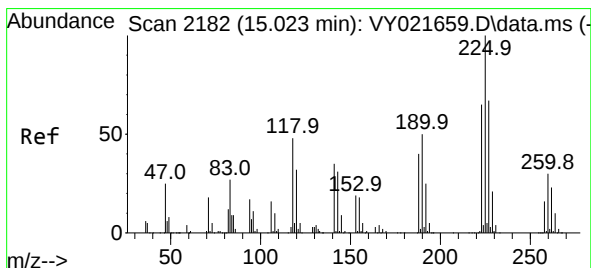
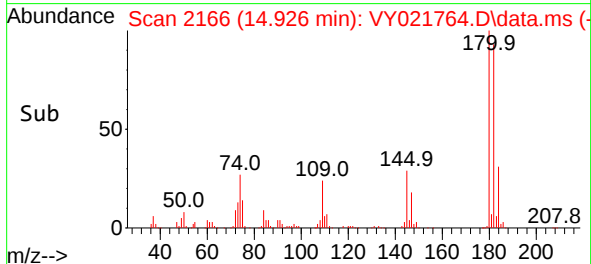
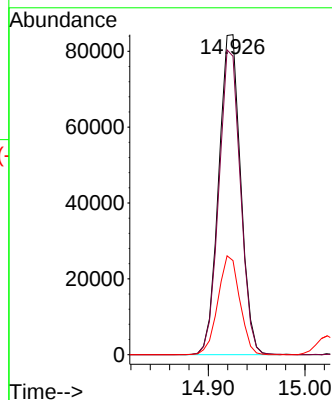
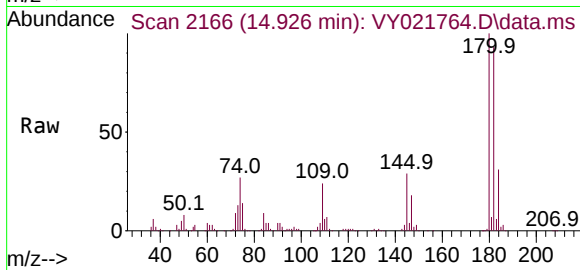




#93
1,2,4-Trichlorobenzene
Concen: 53.571 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

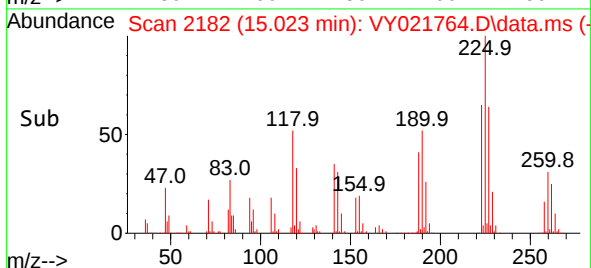
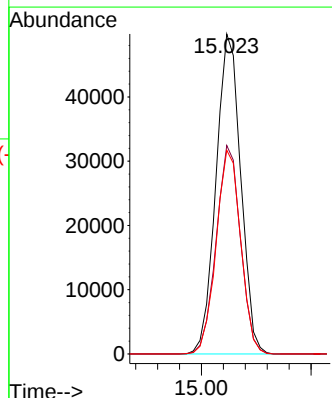
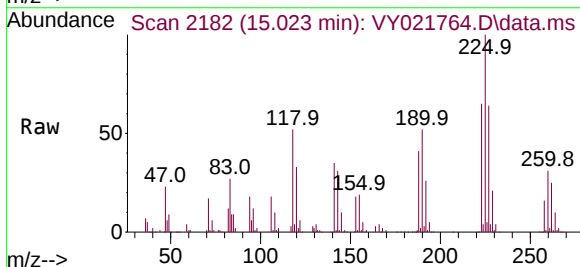
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

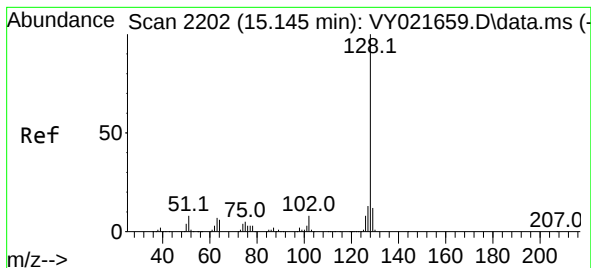
Tgt Ion:180 Resp: 132669
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.6
145 30.8 14.9 44.9



#94
Hexachlorobutadiene
Concen: 50.449 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021764.D
Acq: 03 Apr 2025 11:01

Tgt Ion:225 Resp: 78028
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 63.1 32.4 97.0





#95

Naphthalene

Concen: 52.436 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

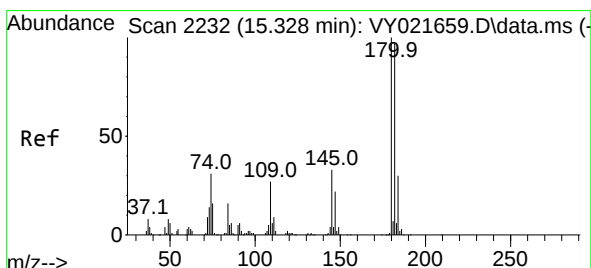
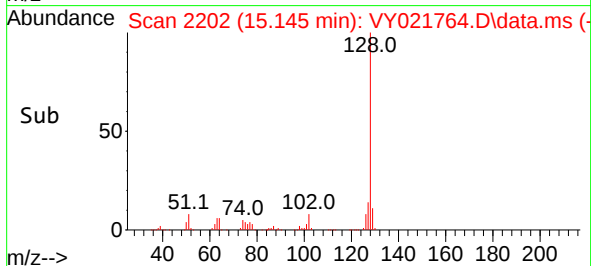
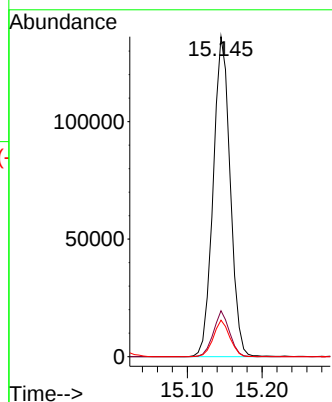
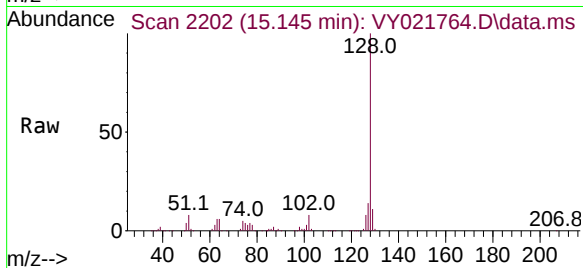
Tgt Ion:128 Resp: 215244

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.247 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021764.D

Acq: 03 Apr 2025 11:01

Tgt Ion:180 Resp: 112449

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 31.2 15.9 47.7

