

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021740.D
 Acq On : 01 Apr 2025 14:42
 Operator : SY/MD
 Sample : Q1664-02MS
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

Quant Time: Apr 02 03:23:37 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	96561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	161499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	149082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67638	64.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.300%	
35) Dibromofluoromethane	7.628	113	63214	60.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.680%	
50) Toluene-d8	10.103	98	240767	60.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.820%	
62) 4-Bromofluorobenzene	12.401	95	80515	59.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	61659	61.608	ug/l	100
3) Chloromethane	2.068	50	76748	54.535	ug/l	99
4) Vinyl Chloride	2.202	62	91305	57.369	ug/l	100
5) Bromomethane	2.592	94	56454	52.008	ug/l	99
6) Chloroethane	2.732	64	58100	55.789	ug/l	96
7) Trichlorofluoromethane	3.056	101	125513	61.563	ug/l	99
8) Diethyl Ether	3.452	74	30309	54.666	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	67948	63.190	ug/l	99
10) Methyl Iodide	4.000	142	70900	60.102	ug/l	99
11) Tert butyl alcohol	4.842	59	20529	302.101	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	60414	59.649	ug/l	94
13) Acrolein	3.647	56	5729	46.172	ug/l	99
14) Allyl chloride	4.378	41	88669	54.908	ug/l	99
15) Acrylonitrile	5.055	53	69311	299.402	ug/l	99
16) Acetone	3.866	43	81445	380.374	ug/l	98
17) Carbon Disulfide	4.104	76	195694	58.662	ug/l	99
18) Methyl Acetate	4.378	43	121431	228.826	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	147304	58.417	ug/l	98
20) Methylene Chloride	4.610	84	78774	77.296	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	65338	58.591	ug/l	98
22) Diisopropyl ether	6.012	45	180285	53.220	ug/l	96
23) Vinyl Acetate	5.964	43	52270	26.376	ug/l	98
24) 1,1-Dichloroethane	5.915	63	117519	58.017	ug/l	98
25) 2-Butanone	6.890	43	98984	323.660	ug/l	98
26) 2,2-Dichloropropane	6.884	77	100503	55.778	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	72637	57.921	ug/l	99
28) Bromochloromethane	7.244	49	49895	58.406	ug/l	99
29) Tetrahydrofuran	7.256	42	59527	302.433	ug/l	100
30) Chloroform	7.421	83	121921	57.869	ug/l	98
31) Cyclohexane	7.695	56	106734	57.803	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	113238	59.468	ug/l	99
36) 1,1-Dichloropropene	7.835	75	91192	57.149	ug/l	100
37) Ethyl Acetate	6.982	43	17505	23.245	ug/l #	80
38) Carbon Tetrachloride	7.817	117	105855	57.920	ug/l	99
39) Methylcyclohexane	9.109	83	111299	58.387	ug/l	98
40) Benzene	8.079	78	264063	55.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	21915	54.797	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	75593	56.112	ug/l	100
43) Isopropyl Acetate	8.195	43	50243	35.206	ug/l	98
44) Trichloroethene	8.859	130	69912	57.419	ug/l	96
45) 1,2-Dichloropropane	9.140	63	64339	56.880	ug/l	99
46) Dibromomethane	9.231	93	38118	58.472	ug/l	96
47) Bromodichloromethane	9.420	83	94449	55.913	ug/l	99
48) Methyl methacrylate	9.219	41	47175	72.024	ug/l	95
49) 1,4-Dioxane	9.219	88	9126	1306.783	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	207926	279.970	ug/l	99
52) Toluene	10.170	92	168313	56.453	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	82149	54.752	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	95970	54.219	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	49506	59.011	ug/l	97
56) Ethyl methacrylate	10.438	69	36777	34.332	ug/l	98
57) 1,3-Dichloropropane	10.713	76	84189	58.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	166548	318.709	ug/l	100
59) 2-Hexanone	10.761	43	133084	269.069	ug/l	99
60) Dibromochloromethane	10.908	129	66270	57.857	ug/l	100
61) 1,2-Dibromoethane	11.011	107	45833	58.240	ug/l	99
64) Tetrachloroethene	10.646	164	91293	67.236	ug/l	98
65) Chlorobenzene	11.438	112	176125	51.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	64285	53.018	ug/l	97
67) Ethyl Benzene	11.517	91	301895	51.516	ug/l	99
68) m/p-Xylenes	11.627	106	236168	105.243	ug/l	100
69) o-Xylene	11.956	106	110288	53.243	ug/l	100
70) Styrene	11.969	104	183712	53.192	ug/l	99
71) Bromoform	12.133	173	38072	55.046	ug/l #	100
73) Isopropylbenzene	12.255	105	288342	48.579	ug/l	99
74) N-amyl acetate	12.066	43	8183	5.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	51613	48.365	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	70495	88.992	ug/l #	100
77) Bromobenzene	12.529	156	69460	48.740	ug/l	99
78) n-propylbenzene	12.597	91	349302	48.950	ug/l	99
79) 2-Chlorotoluene	12.676	91	203700	49.148	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	238020	49.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	15916	46.296	ug/l	98
82) 4-Chlorotoluene	12.773	91	208772	48.316	ug/l	98
83) tert-Butylbenzene	12.999	119	206052	47.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	236860	49.402	ug/l	99
85) sec-Butylbenzene	13.176	105	308529	48.861	ug/l	99
86) p-Isopropyltoluene	13.291	119	254716	48.806	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	135455	48.243	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	133457	48.109	ug/l	99
89) n-Butylbenzene	13.615	91	216008	44.754	ug/l	100
90) Hexachloroethane	13.877	117	52976	46.322	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	120864	49.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8654	52.322	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	54259	40.936	ug/l	99
94) Hexachlorobutadiene	15.023	225	30994	37.442	ug/l	100
95) Naphthalene	15.145	128	89655	40.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	47540	42.060	ug/l	98

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Response via : Initial Calibration

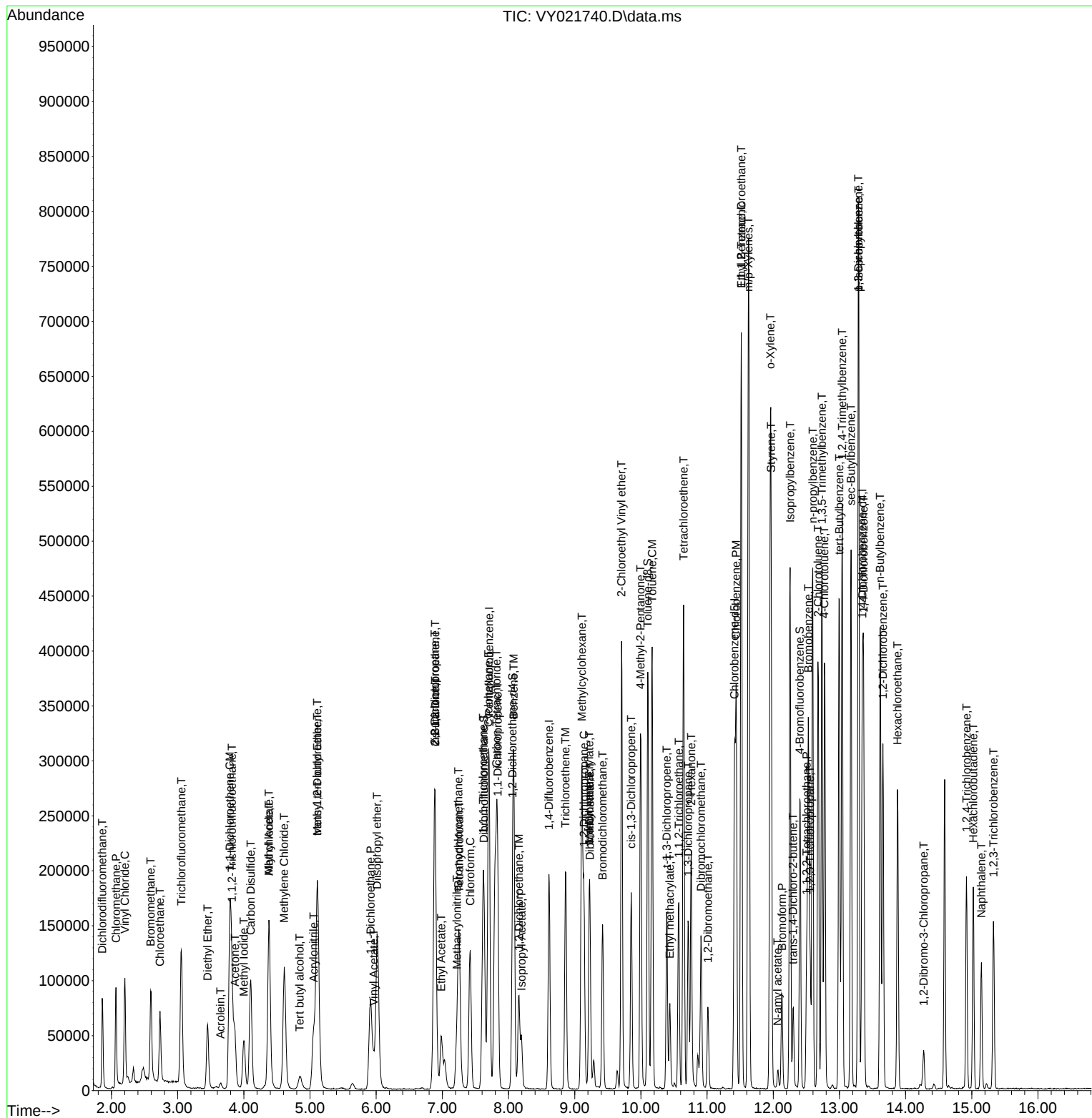
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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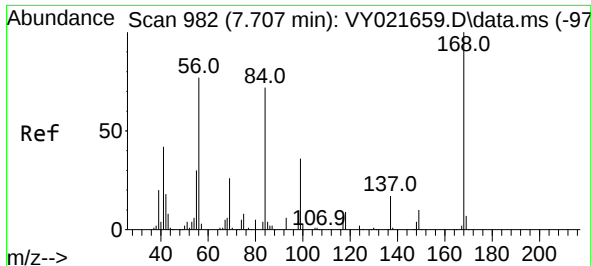
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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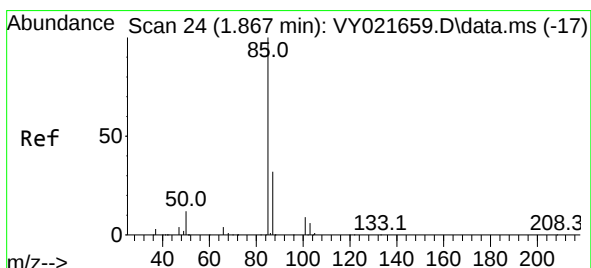
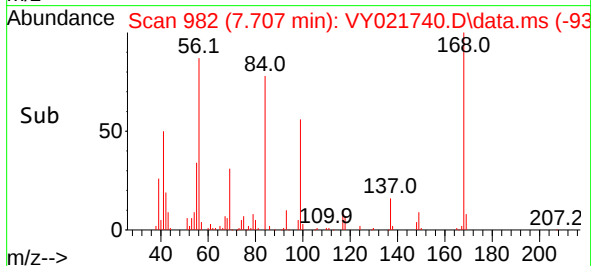
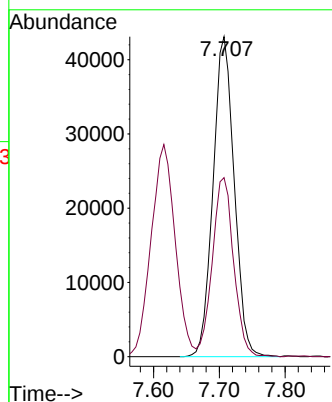
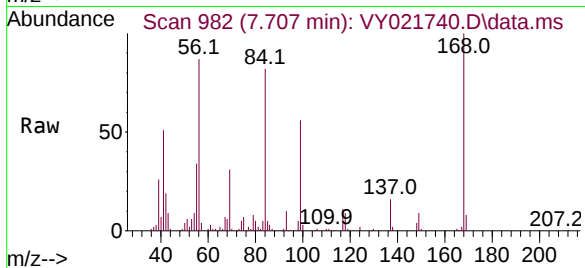




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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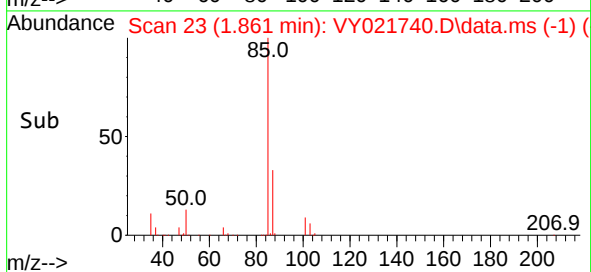
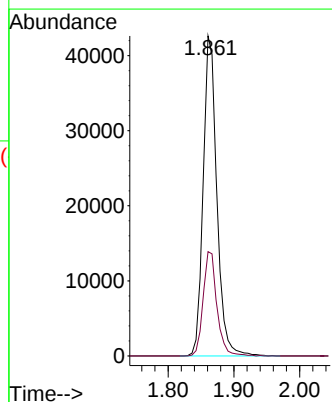
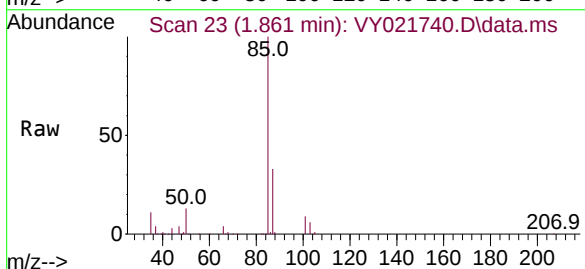
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

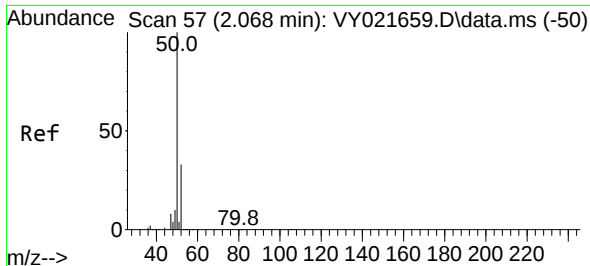
Tgt Ion:168 Resp: 96561
Ion Ratio Lower Upper
168 100
99 56.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 61.608 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 85 Resp: 61659
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6

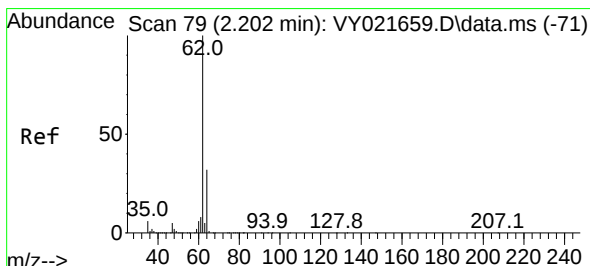
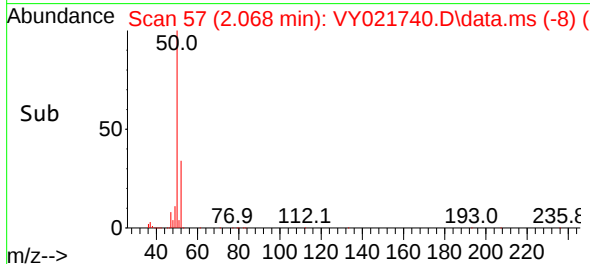
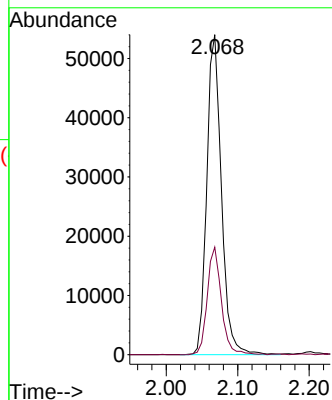
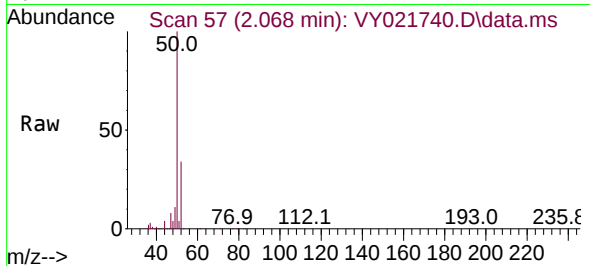




#3
Chloromethane
Concen: 54.535 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

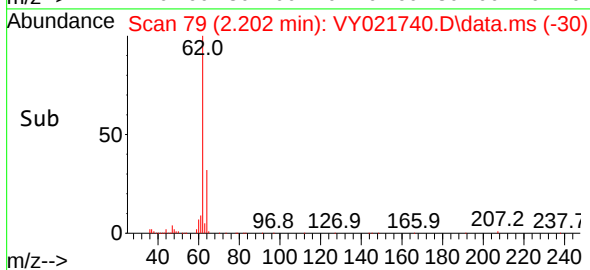
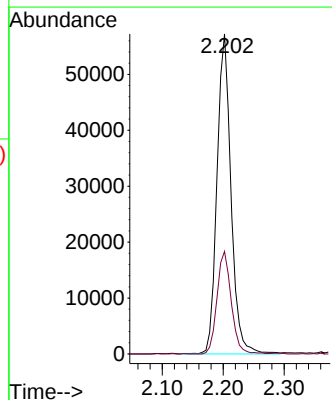
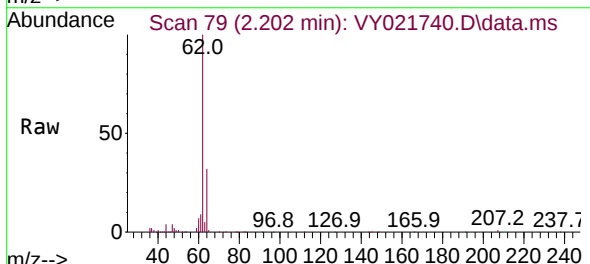
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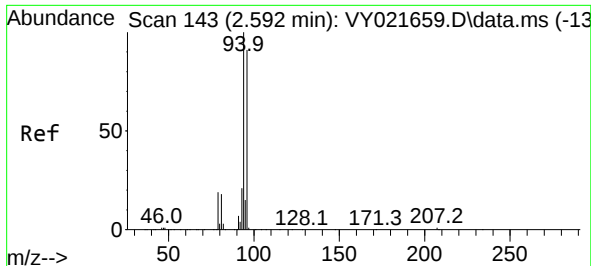
Tgt Ion: 50 Resp: 76748
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5



#4
Vinyl Chloride
Concen: 57.369 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021740.D
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Tgt Ion: 62 Resp: 91305
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

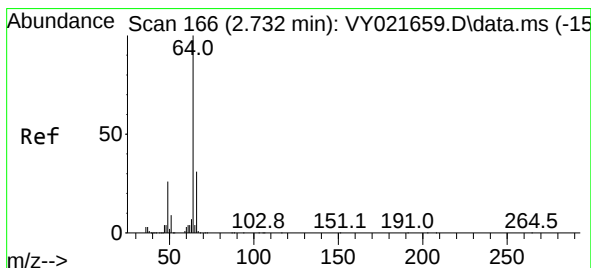
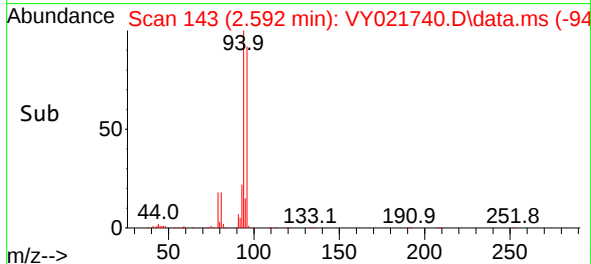
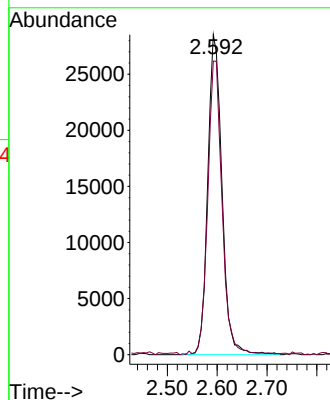
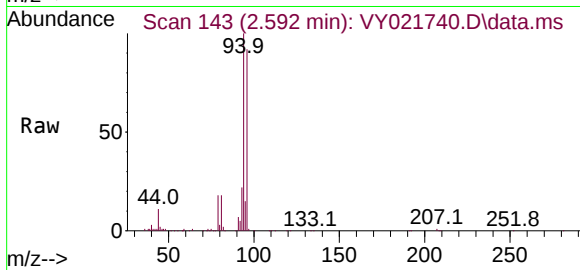




#5
Bromomethane
Concen: 52.008 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021740.D
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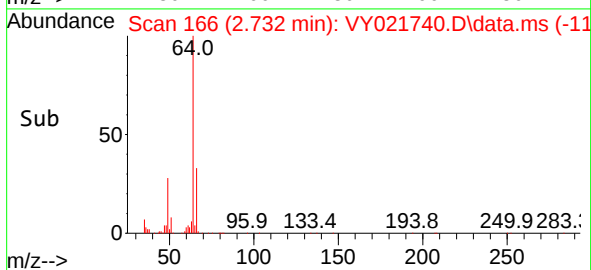
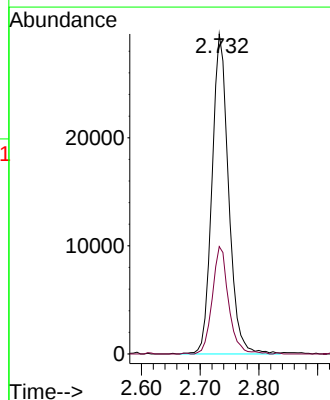
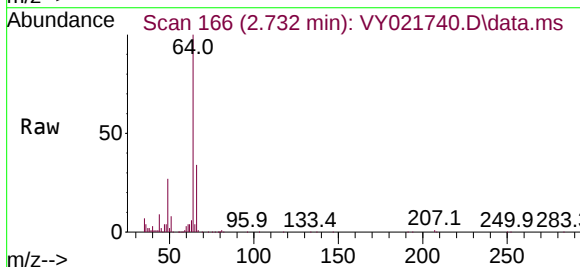
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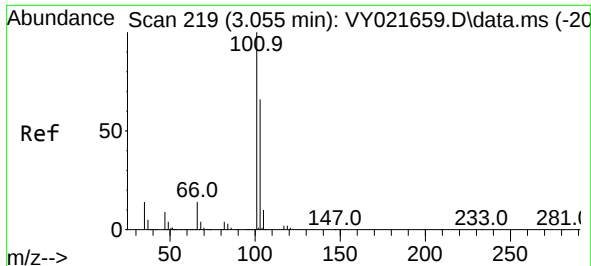
Tgt Ion: 94 Resp: 56454
Ion Ratio Lower Upper
94 100
96 91.8 72.8 109.2



#6
Chloroethane
Concen: 55.789 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021740.D
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Tgt Ion: 64 Resp: 58100
Ion Ratio Lower Upper
64 100
66 33.6 24.9 37.3

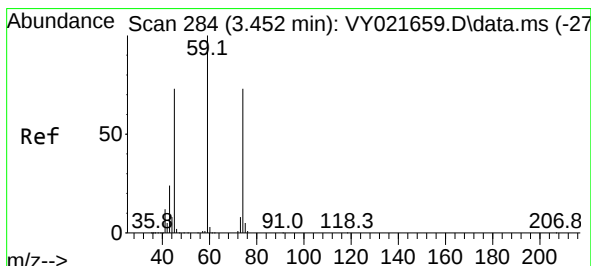
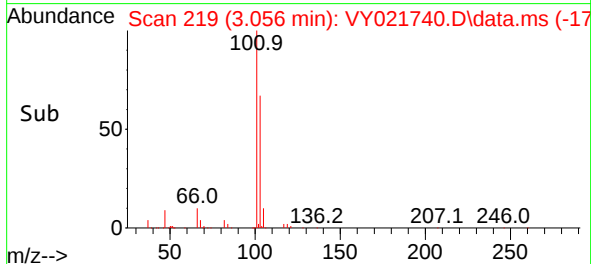
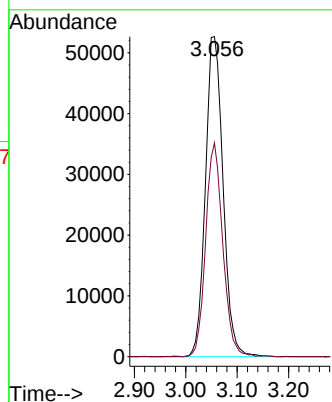
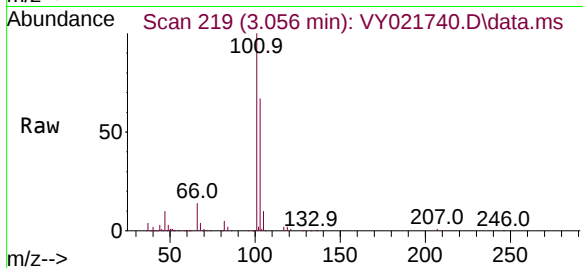




#7
Trichlorofluoromethane
Concen: 61.563 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

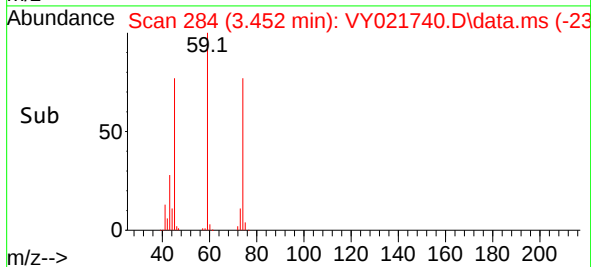
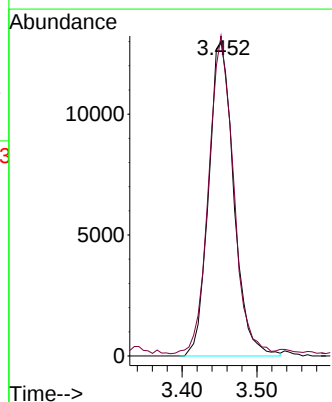
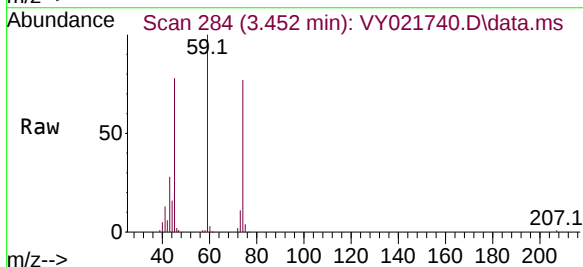
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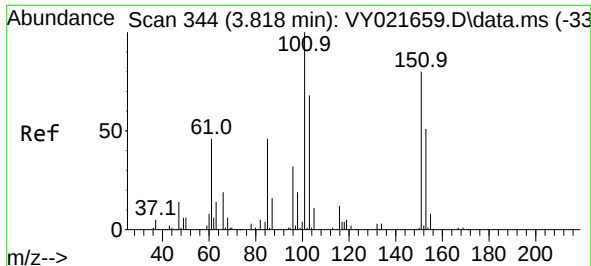
Tgt Ion:101 Resp: 125513
Ion Ratio Lower Upper
101 100
103 66.8 53.1 79.7



#8
Diethyl Ether
Concen: 54.666 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021740.D
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Tgt Ion: 74 Resp: 30309
Ion Ratio Lower Upper
74 100
45 100.0 48.6 145.8

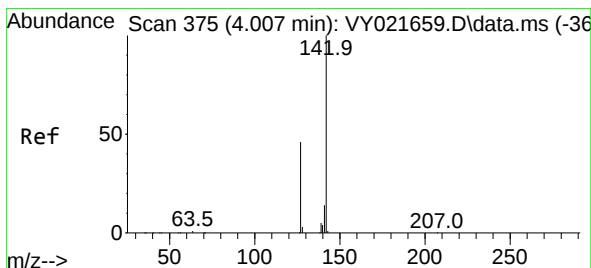
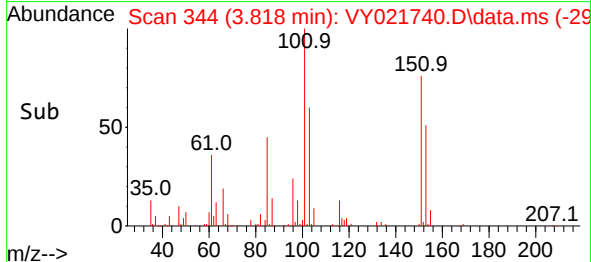
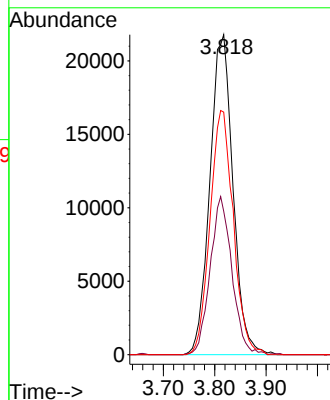
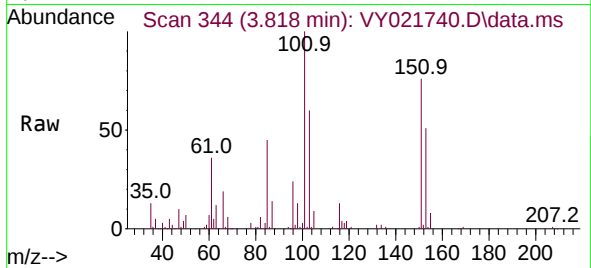




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.190 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

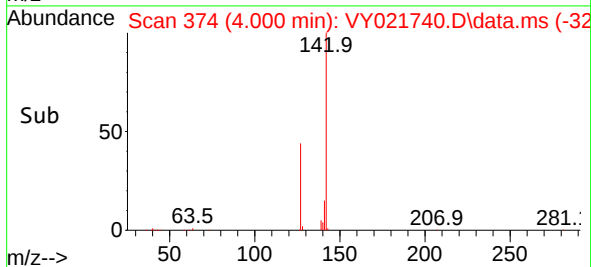
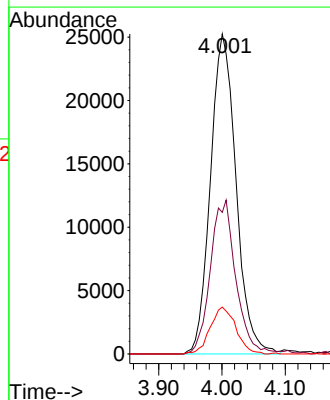
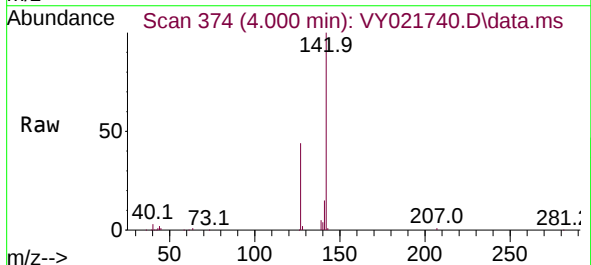
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

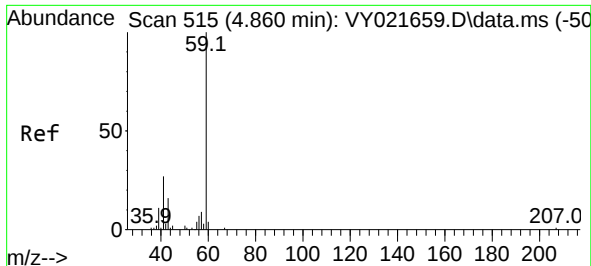
Tgt Ion:101 Resp: 67948
Ion Ratio Lower Upper
101 100
85 46.6 36.3 54.5
151 77.1 61.3 91.9



#10
Methyl Iodide
Concen: 60.102 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

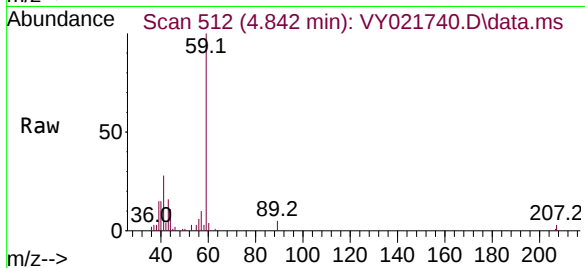
Tgt Ion:142 Resp: 70900
Ion Ratio Lower Upper
142 100
127 47.7 38.7 58.1
141 14.7 11.5 17.3



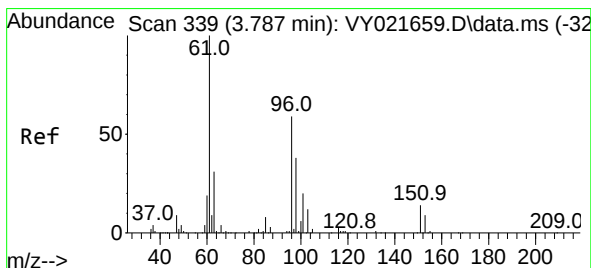
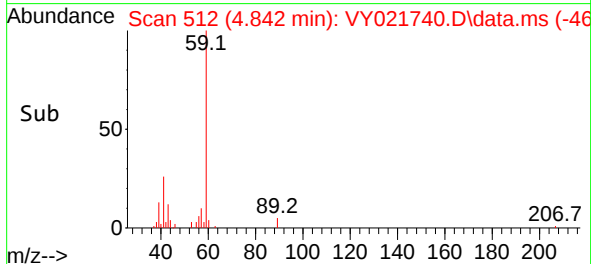
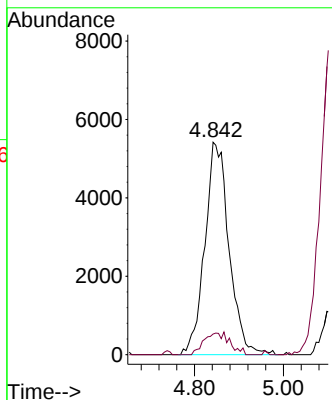


#11
Tert butyl alcohol
Concen: 302.101 ug/l
RT: 4.842 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

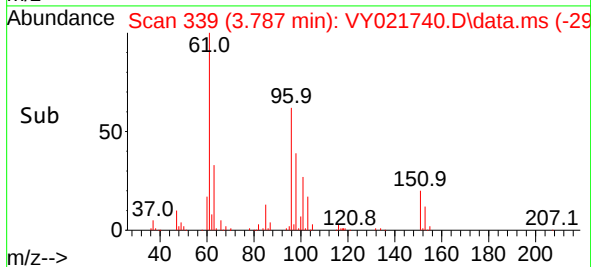
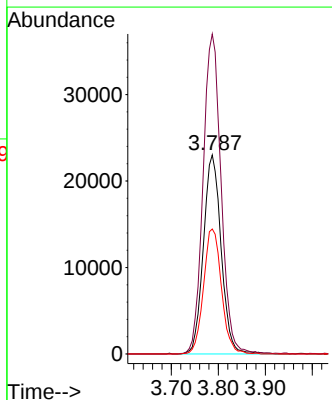
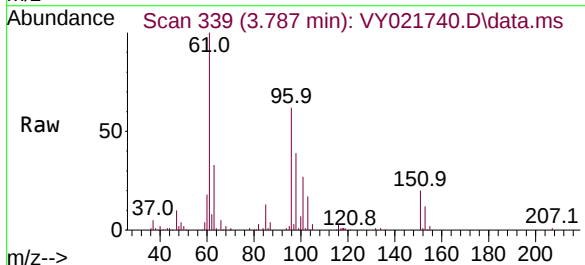


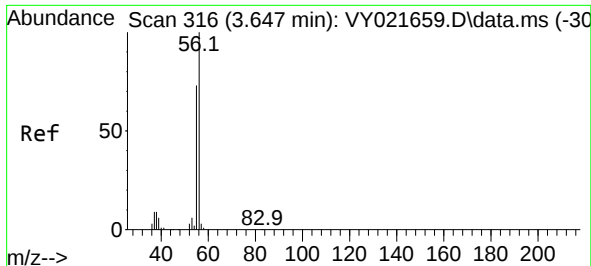
Tgt Ion: 59 Resp: 20529
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 59.649 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 96 Resp: 60414
Ion Ratio Lower Upper
96 100
61 160.8 136.6 204.8
98 62.8 52.3 78.5

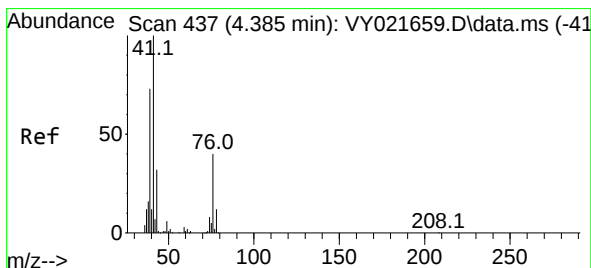
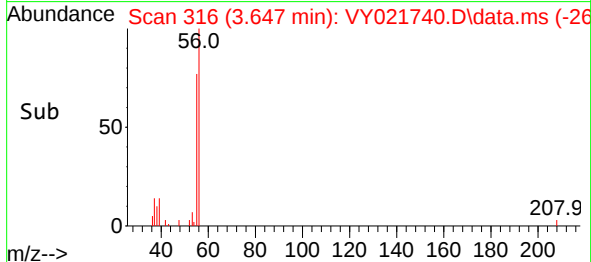
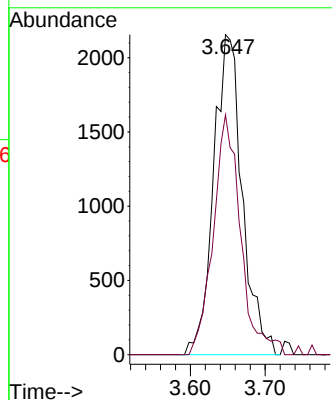
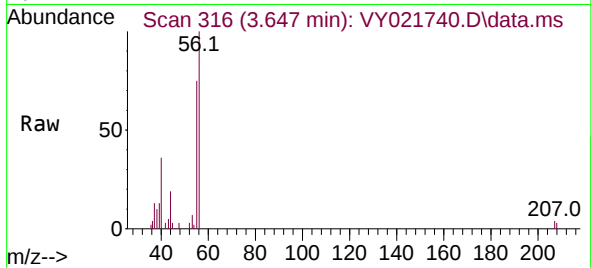




#13
Acrolein
Concen: 46.172 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

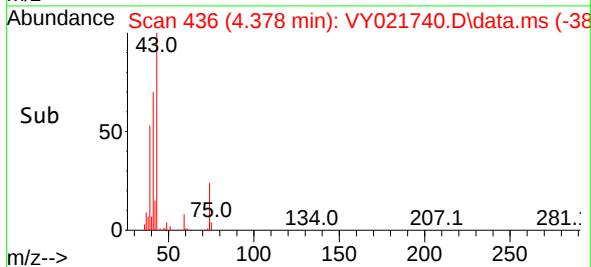
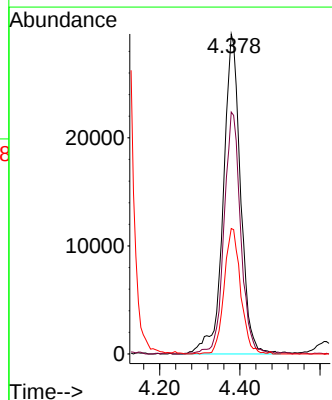
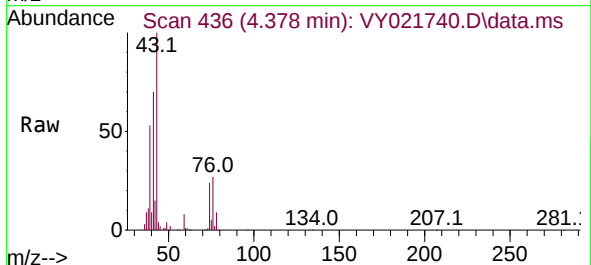
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

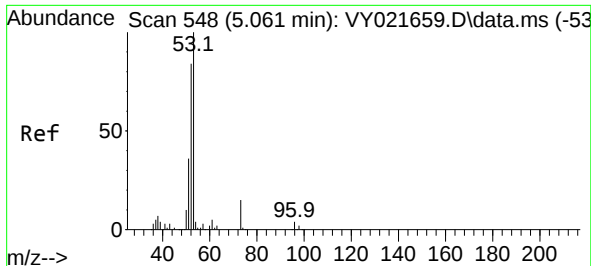
Tgt Ion: 56 Resp: 5729
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0



#14
Allyl chloride
Concen: 54.908 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 41 Resp: 88669
Ion Ratio Lower Upper
41 100
39 72.9 58.6 88.0
76 37.3 30.3 45.5

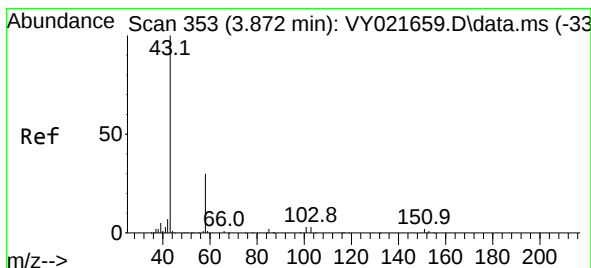
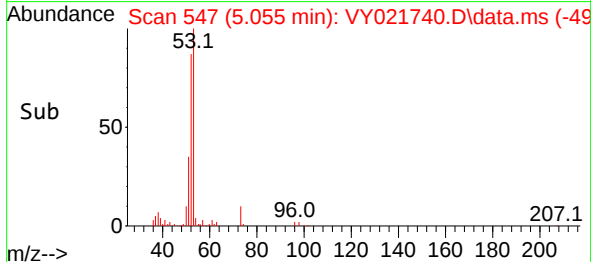
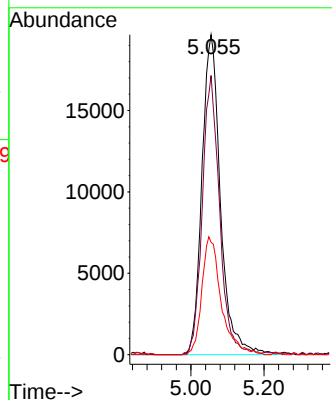
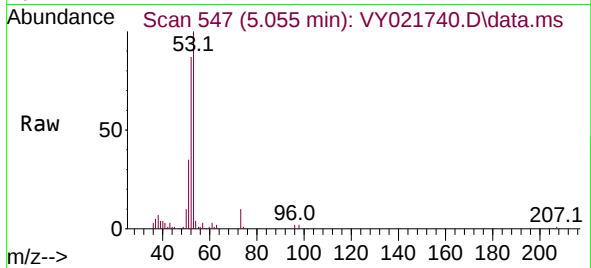




#15
Acrylonitrile
Concen: 299.402 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

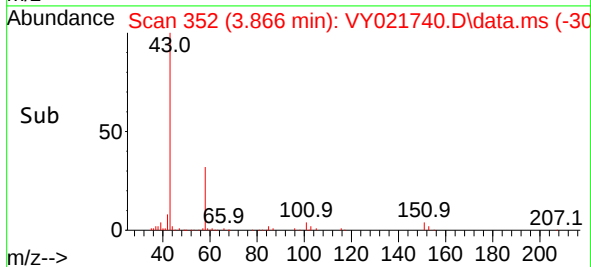
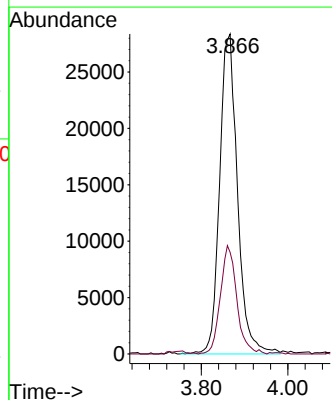
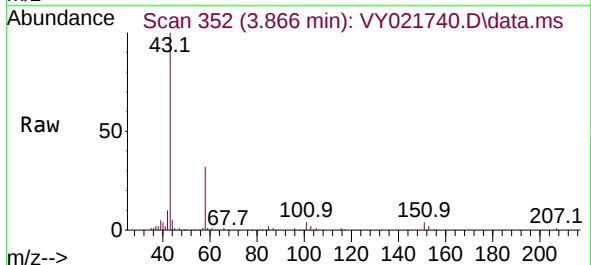
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

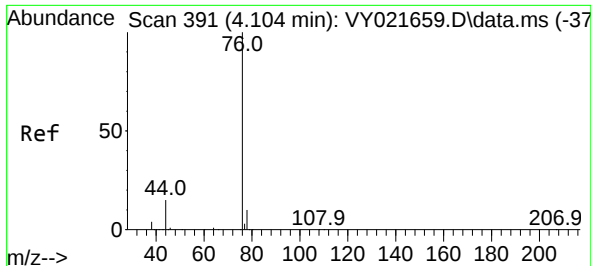
Tgt Ion:	53	Resp:	69311
Ion	Ratio	Lower	Upper
53	100		
52	81.5	64.9	97.3
51	38.3	30.2	45.2



#16
Acetone
Concen: 380.374 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion:	43	Resp:	81445
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.4

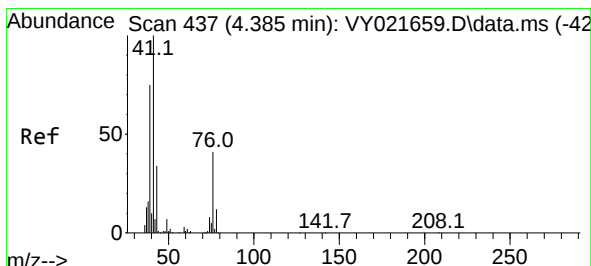
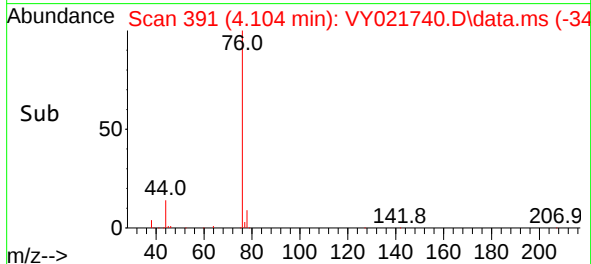
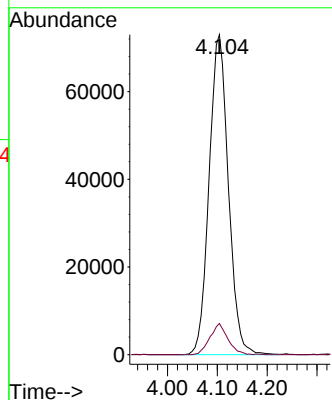
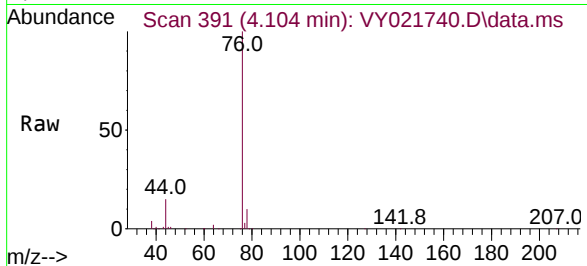




#17
Carbon Disulfide
Concen: 58.662 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

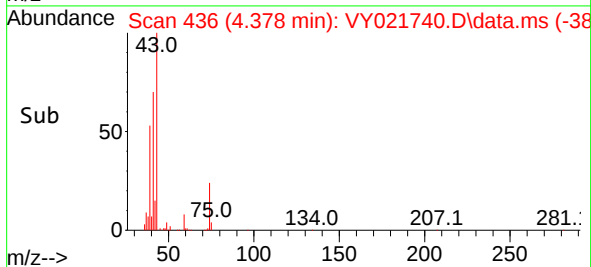
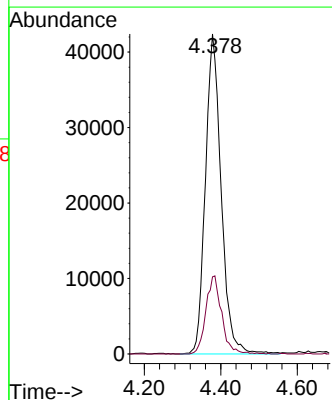
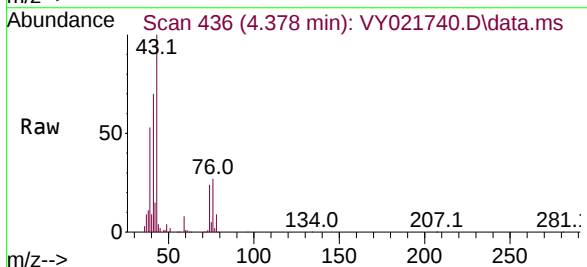
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

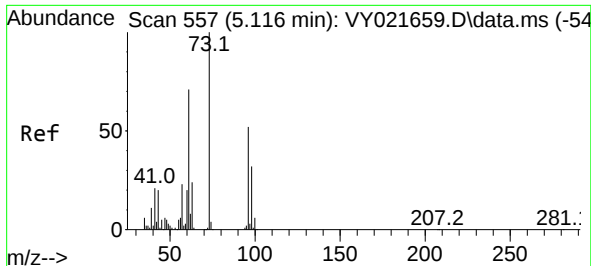
Tgt Ion: 76 Resp: 195694
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 228.826 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 43 Resp: 121431
Ion Ratio Lower Upper
43 100
74 24.3 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 58.417 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

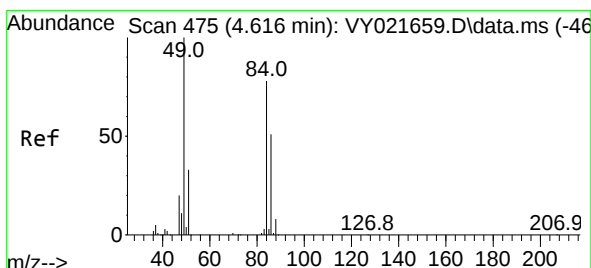
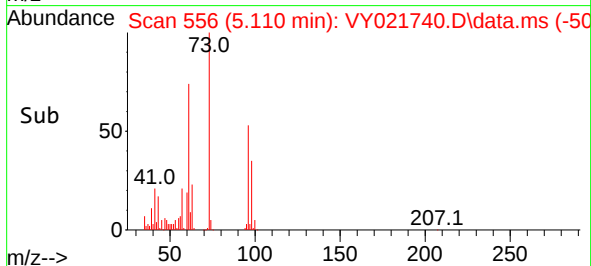
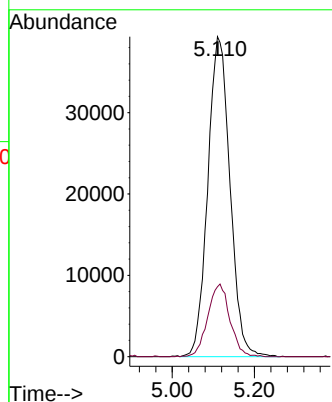
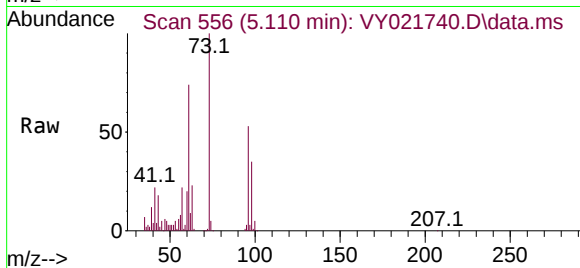
P001-BBDGA-001-01MS

Tgt Ion: 73 Resp: 147304

Ion Ratio Lower Upper

73 100

57 21.9 18.1 27.1



#20

Methylene Chloride

Concen: 77.296 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Tgt Ion: 84 Resp: 78774

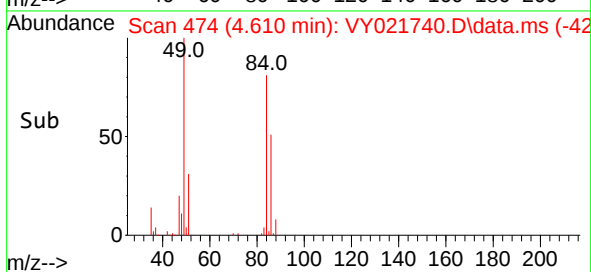
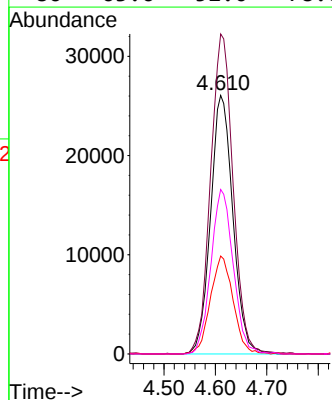
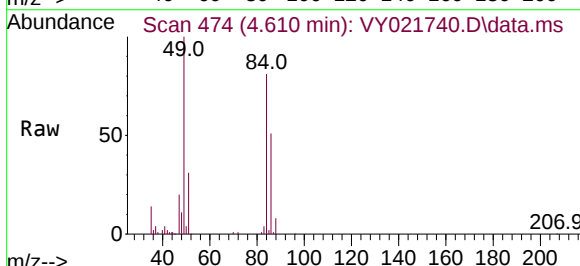
Ion Ratio Lower Upper

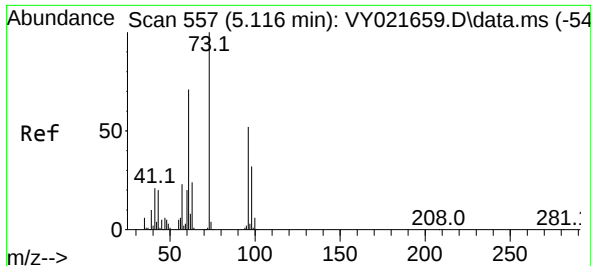
84 100

49 123.8 102.8 154.2

51 37.9 33.5 50.3

86 63.6 52.0 78.0

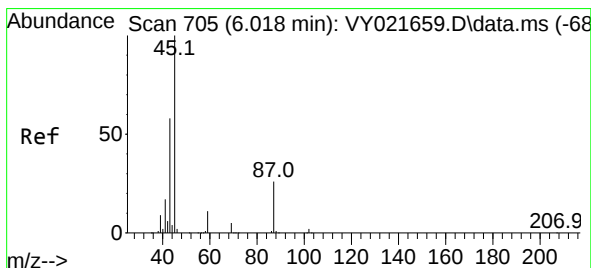
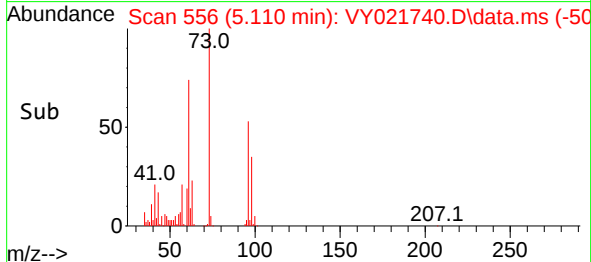
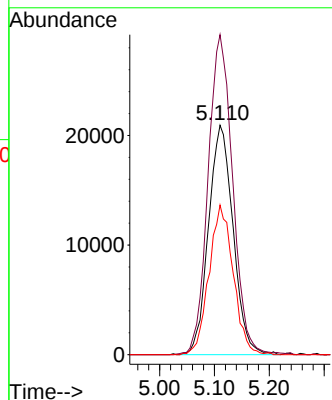
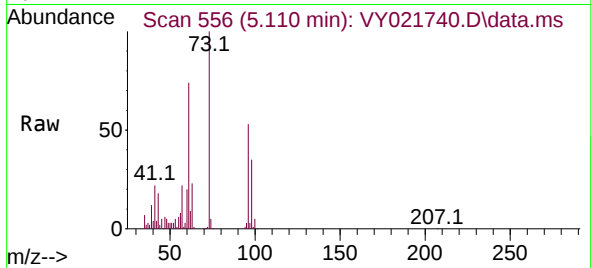




#21
trans-1,2-Dichloroethene
Concen: 58.591 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

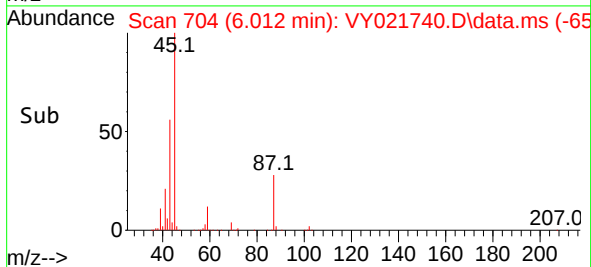
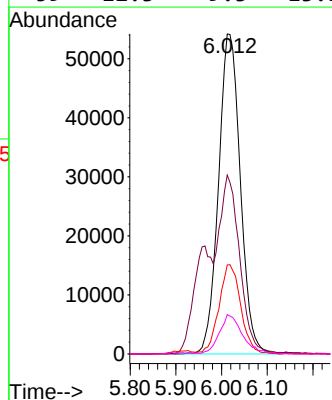
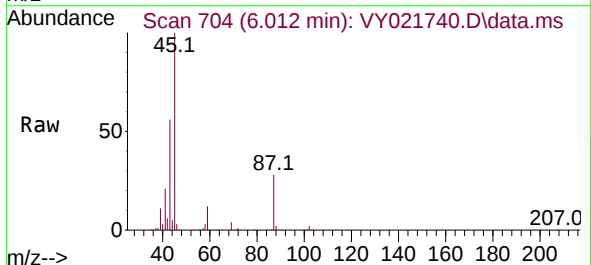
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

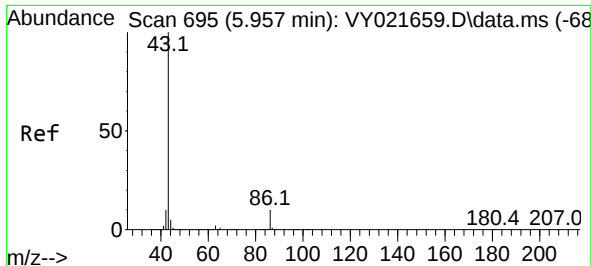
Tgt Ion: 96 Resp: 65338
Ion Ratio Lower Upper
96 100
61 139.0 109.4 164.0
98 65.2 50.2 75.2



#22
Diisopropyl ether
Concen: 53.220 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 45 Resp: 180285
Ion Ratio Lower Upper
45 100
43 55.4 46.6 69.8
87 27.8 20.7 31.1
59 12.3 9.3 13.9

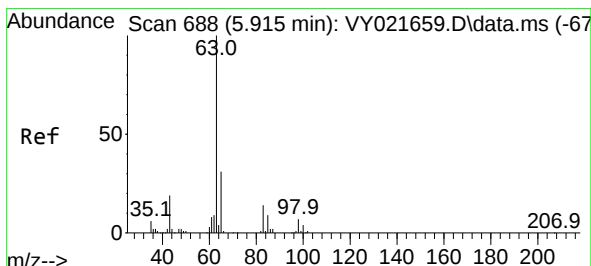
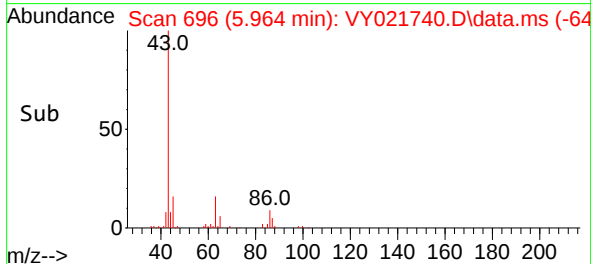
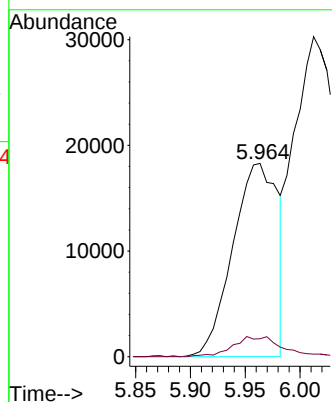
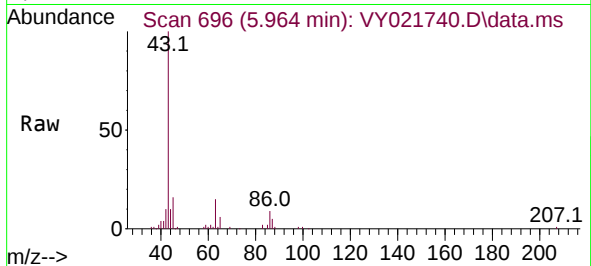




#23
 Vinyl Acetate
 Concen: 26.376 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

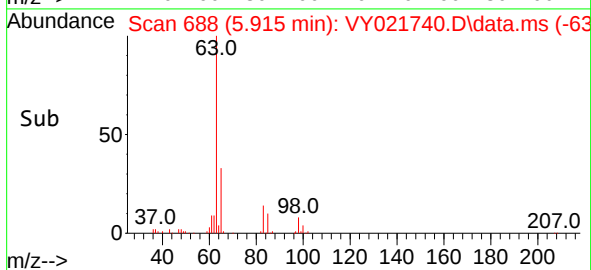
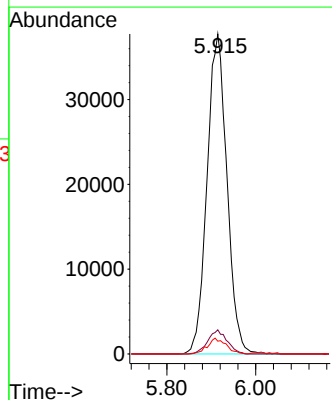
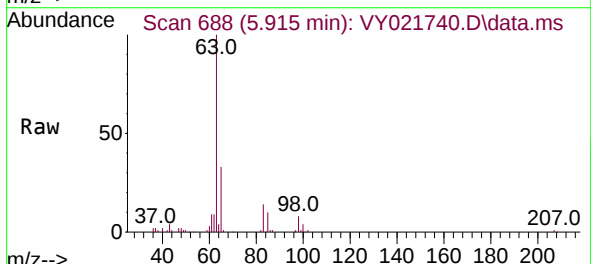
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

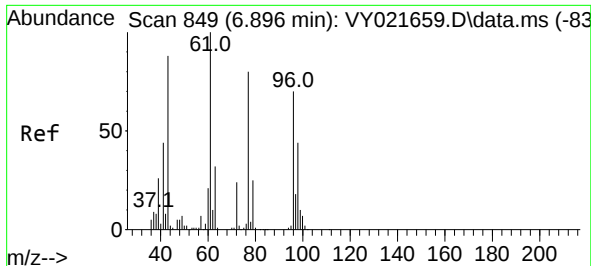
Tgt Ion: 43 Resp: 52270
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 58.017 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

Tgt Ion: 63 Resp: 117519
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 323.660 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

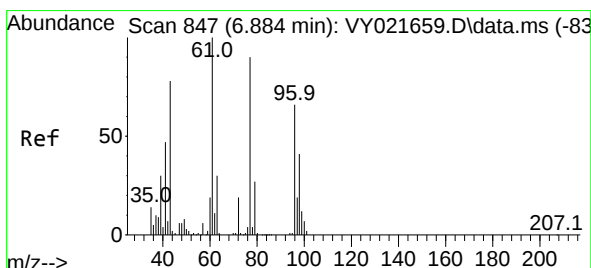
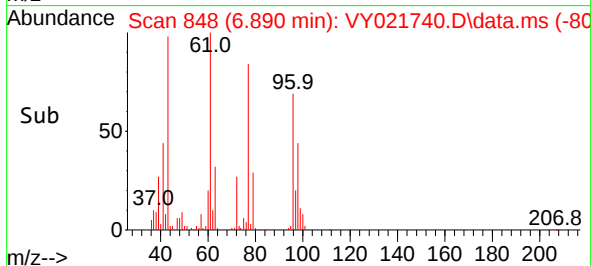
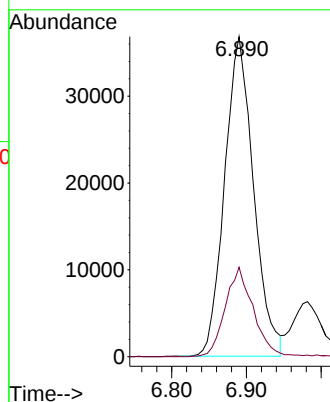
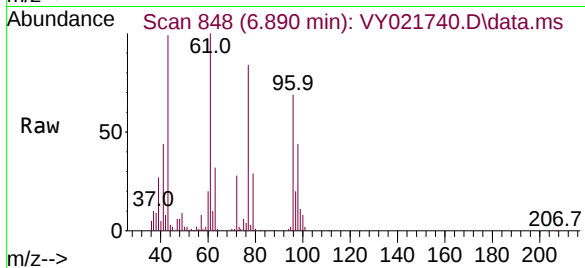
P001-BBDGA-001-01MS

Tgt Ion: 43 Resp: 98984

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 55.778 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021740.D

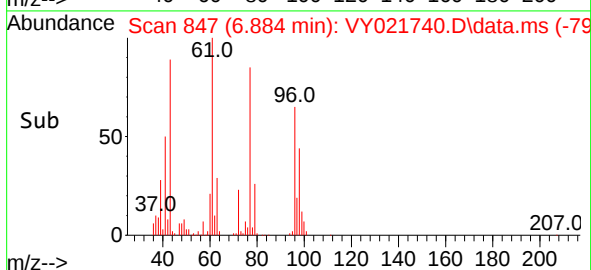
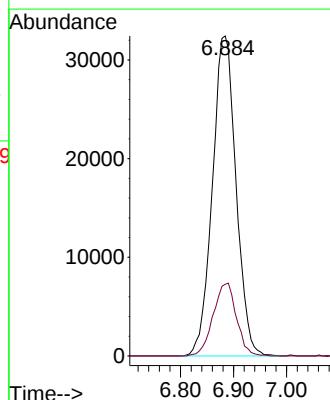
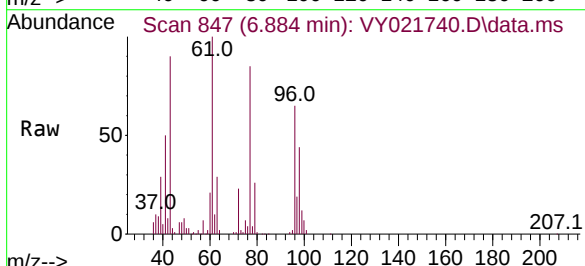
Acq: 01 Apr 2025 14:42

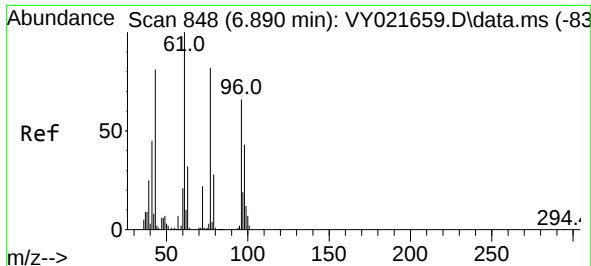
Tgt Ion: 77 Resp: 100503

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 57.921 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

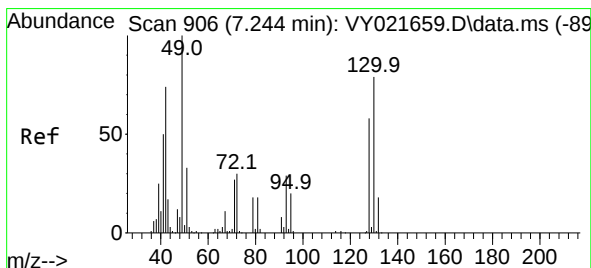
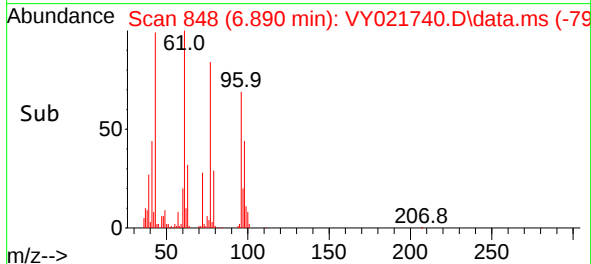
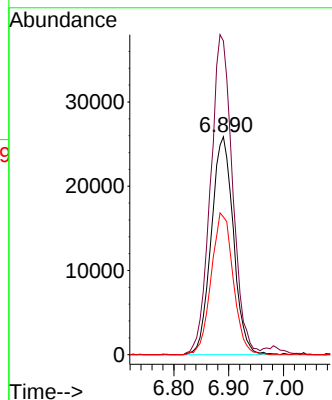
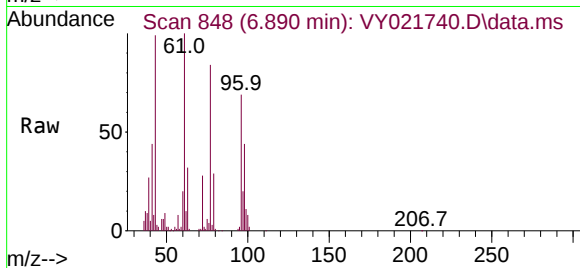
Tgt Ion: 96 Resp: 72637

Ion Ratio Lower Upper

96 100

61 146.2 0.0 296.4

98 64.5 0.0 128.0



#28

Bromochloromethane

Concen: 58.406 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

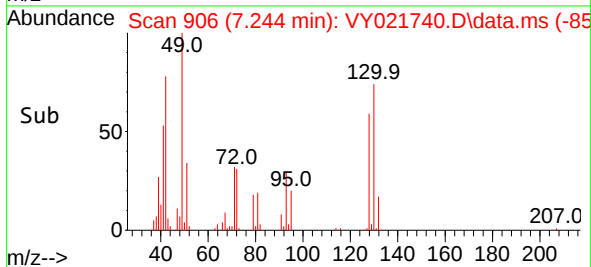
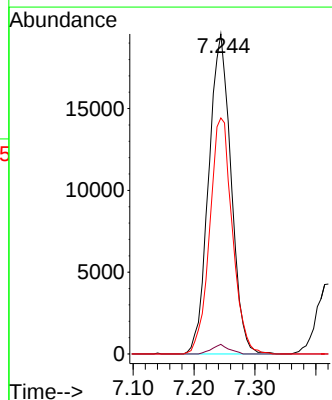
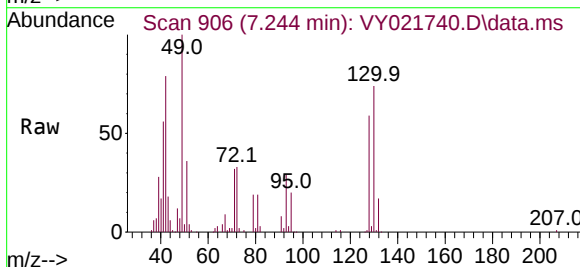
Tgt Ion: 49 Resp: 49895

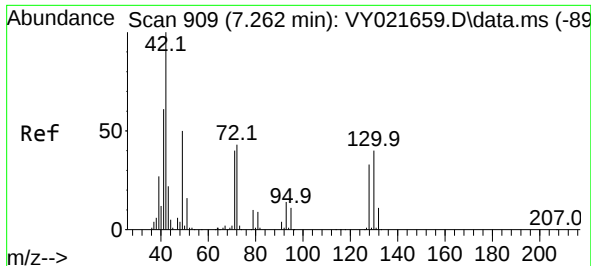
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

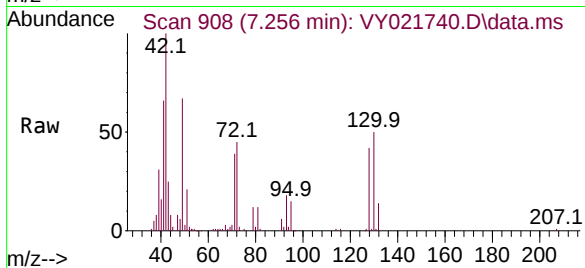
130 74.6 60.1 90.1



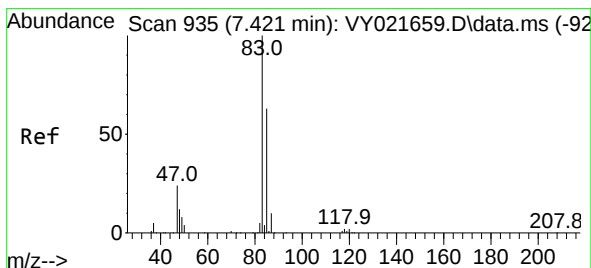
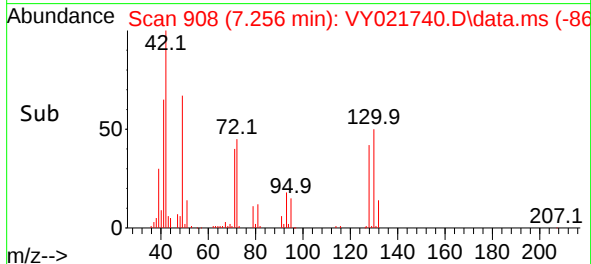
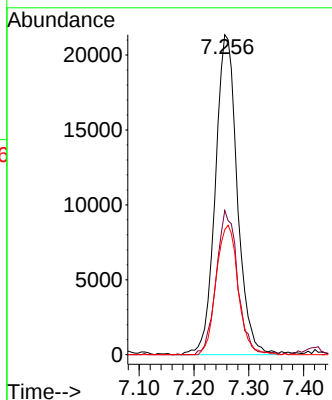


#29
Tetrahydrofuran
Concen: 302.433 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

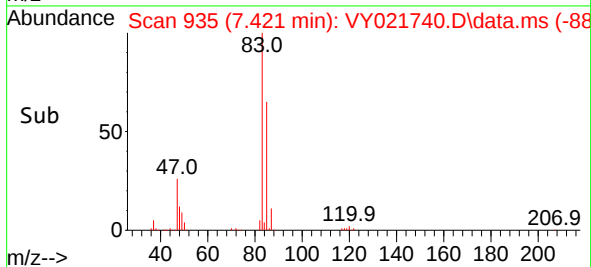
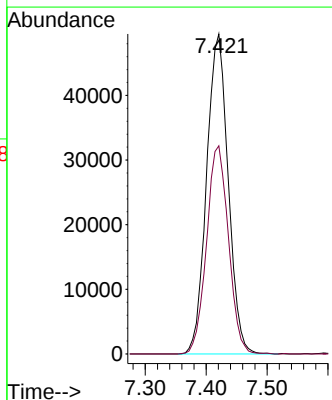
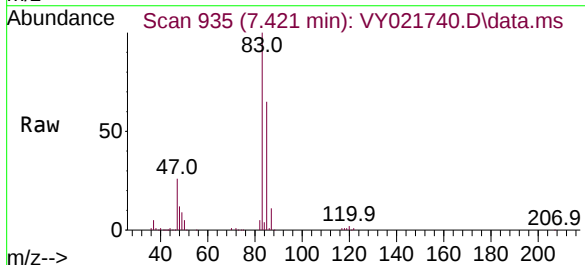


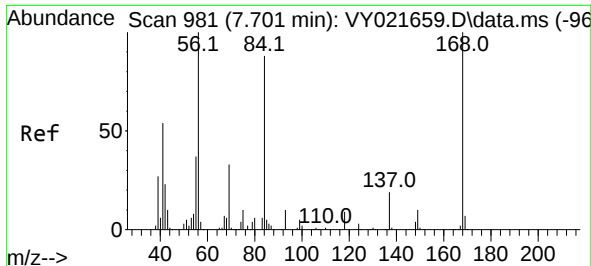
Tgt Ion: 42 Resp: 59527
Ion Ratio Lower Upper
42 100
72 43.8 34.6 52.0
71 40.5 32.5 48.7



#30
Chloroform
Concen: 57.869 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 83 Resp: 121921
Ion Ratio Lower Upper
83 100
85 65.1 50.6 75.8

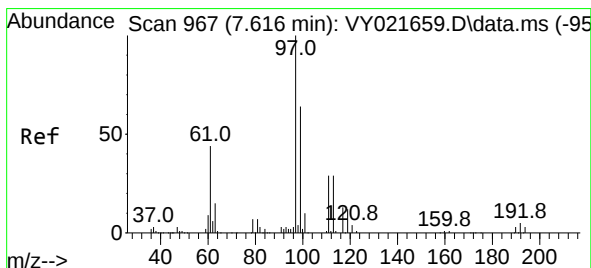
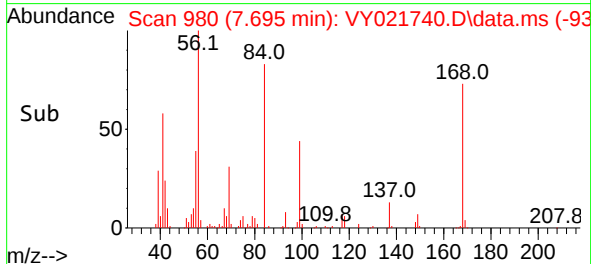
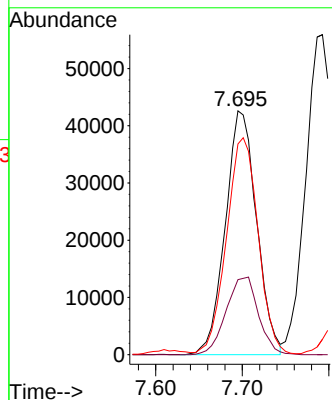
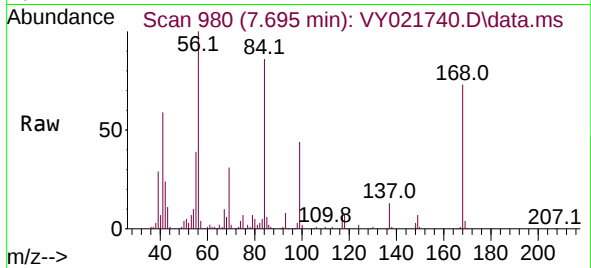




#31
Cyclohexane
Concen: 57.803 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

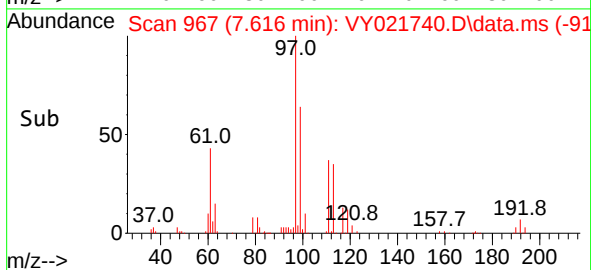
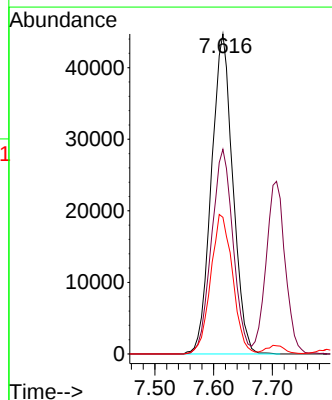
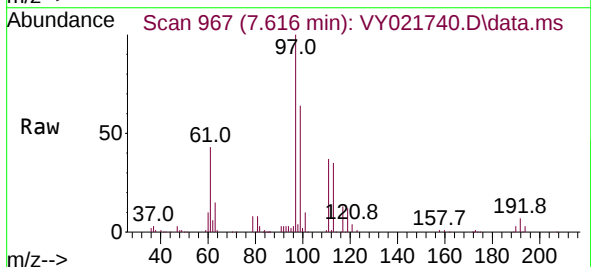
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

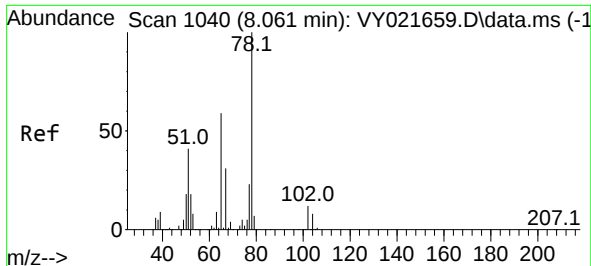
Tgt Ion: 56 Resp: 106734
Ion Ratio Lower Upper
56 100
69 30.8 26.6 40.0
84 85.2 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 59.468 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 97 Resp: 113238
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 44.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 64.651 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

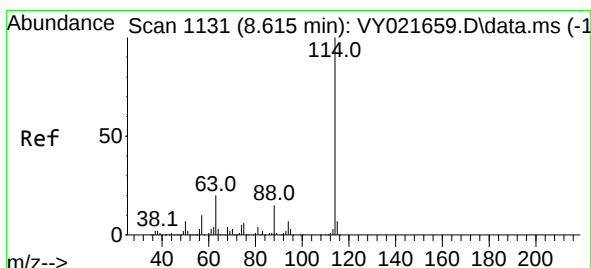
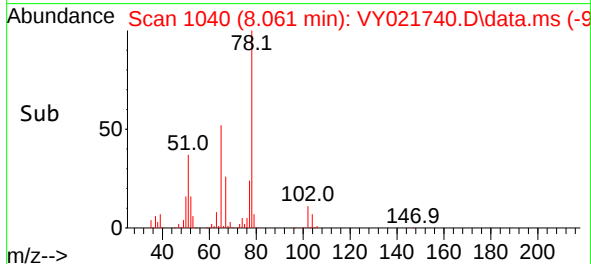
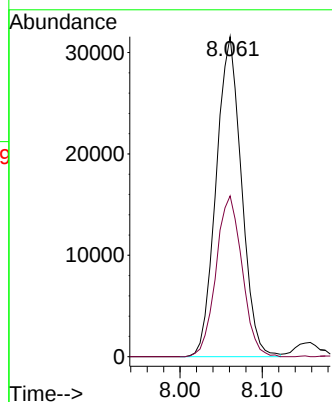
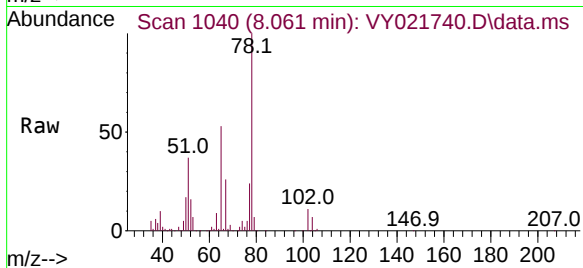
P001-BBDGA-001-01MS

Tgt Ion: 65 Resp: 67638

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

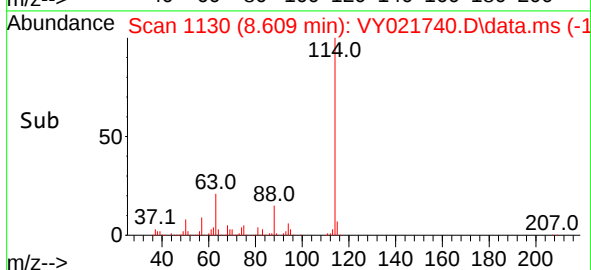
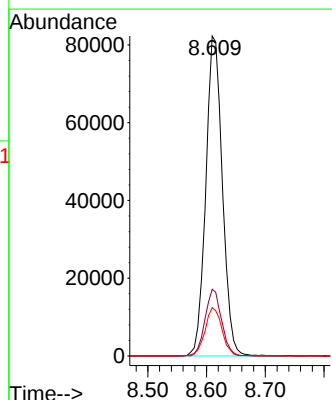
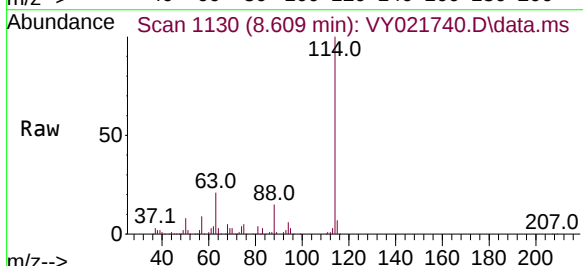
Tgt Ion: 114 Resp: 161499

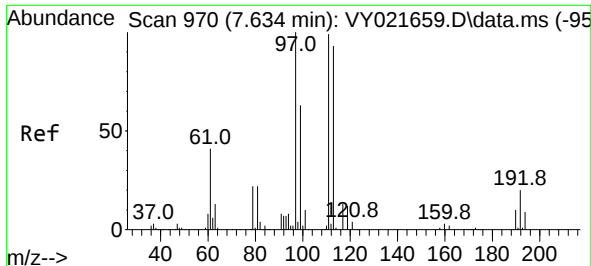
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.1 0.0 29.8

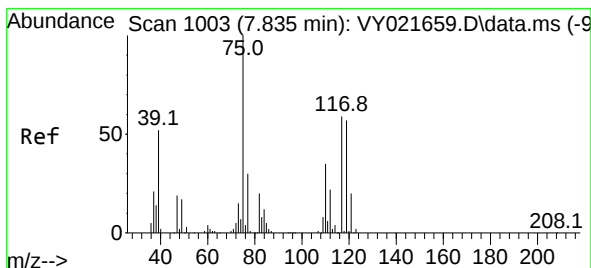
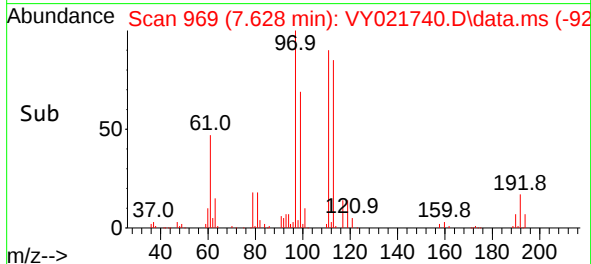
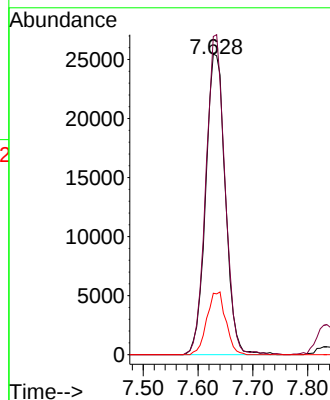
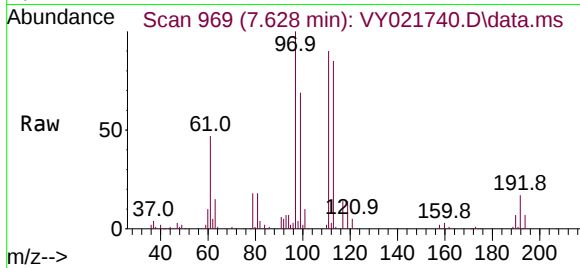




#35
Dibromofluoromethane
Concen: 60.341 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

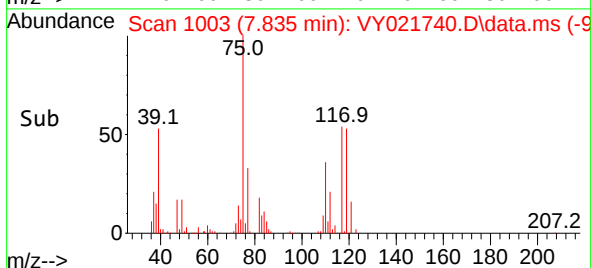
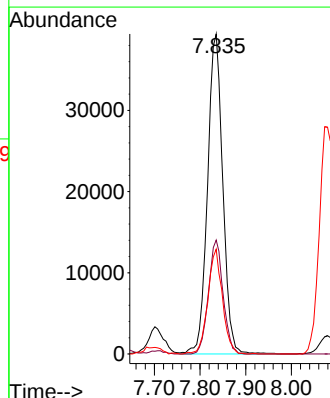
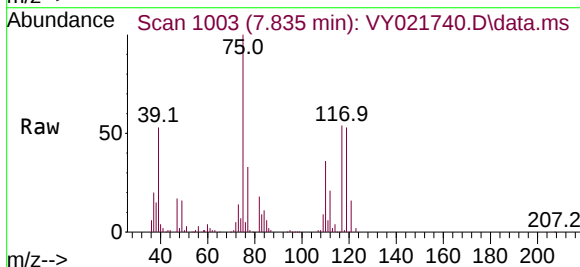
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

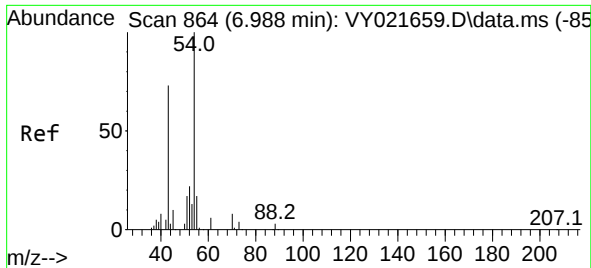
Tgt Ion:113 Resp: 63214
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 57.149 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 75 Resp: 91192
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 31.3 24.8 37.2

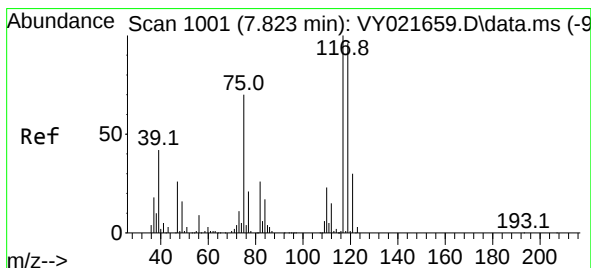
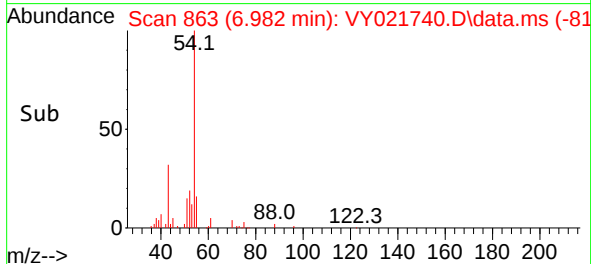
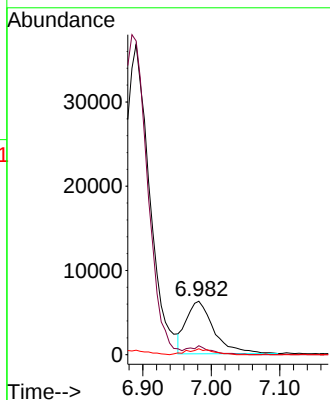
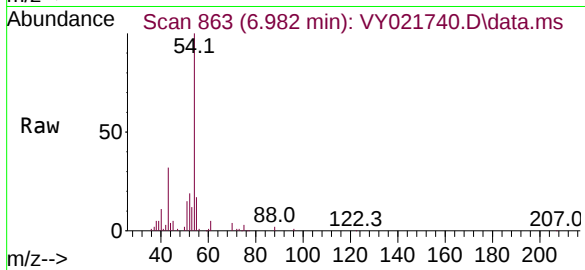




#37
Ethyl Acetate
Concen: 23.245 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

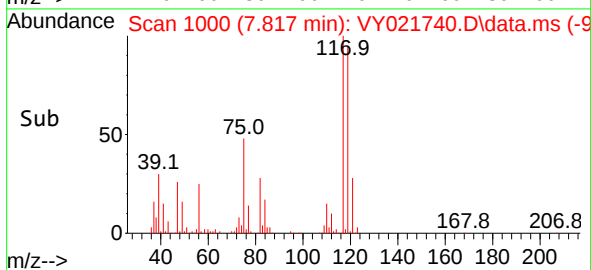
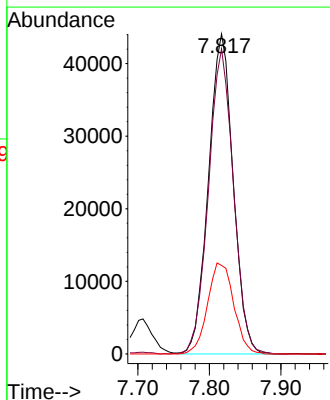
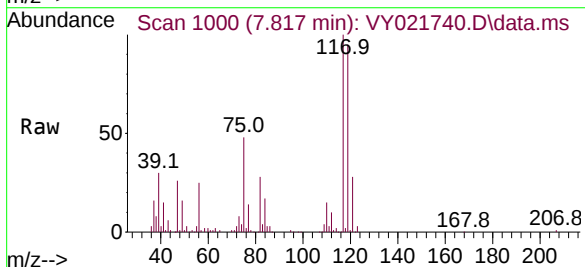
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

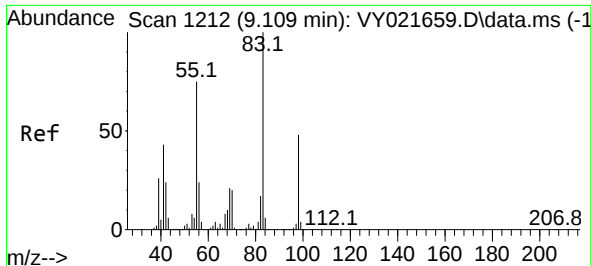
Tgt Ion: 43 Resp: 17505
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 57.920 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 117 Resp: 105855
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 27.7 24.2 36.4

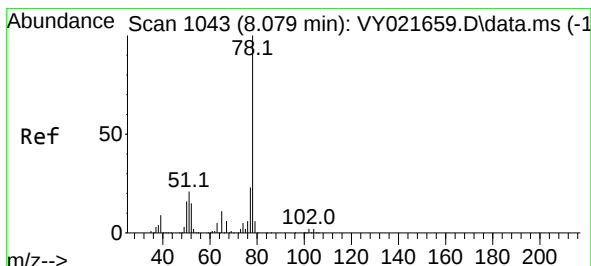
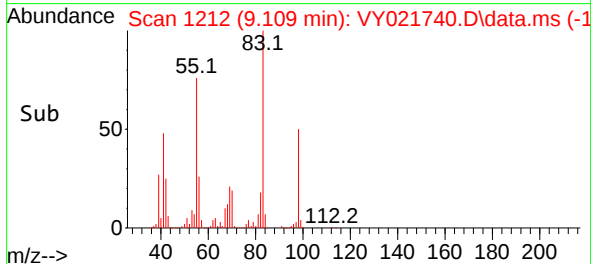
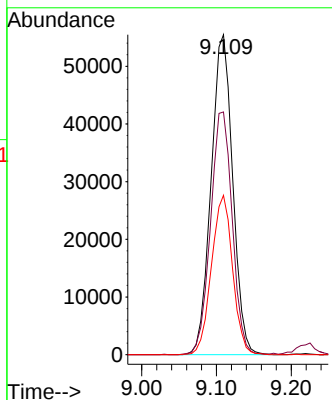
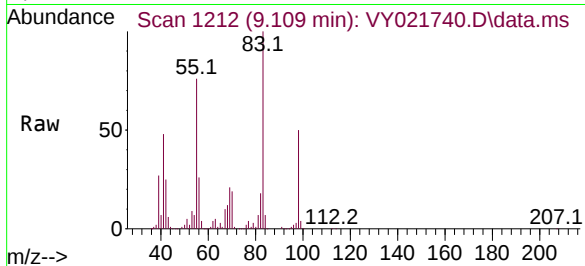




#39
Methylcyclohexane
Concen: 58.387 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

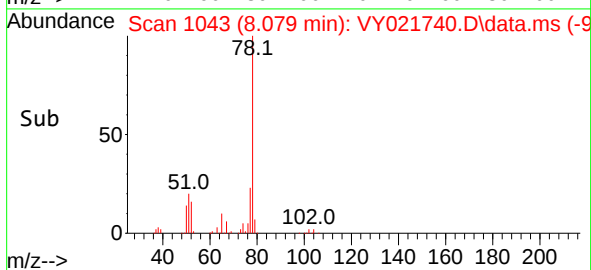
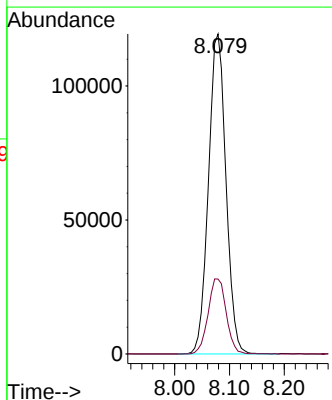
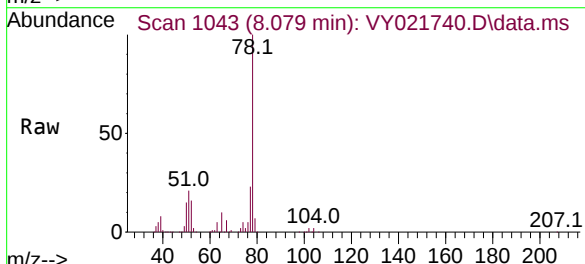
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

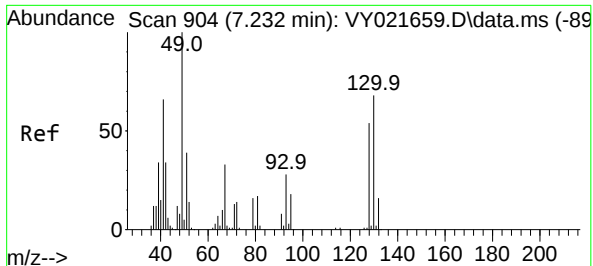
Tgt Ion: 83 Resp: 111299
Ion Ratio Lower Upper
83 100
55 75.8 59.7 89.5
98 49.8 38.3 57.5



#40
Benzene
Concen: 55.258 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 78 Resp: 264063
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

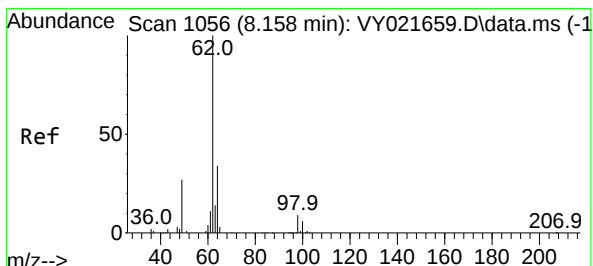
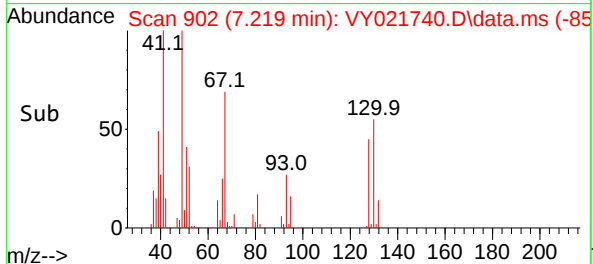
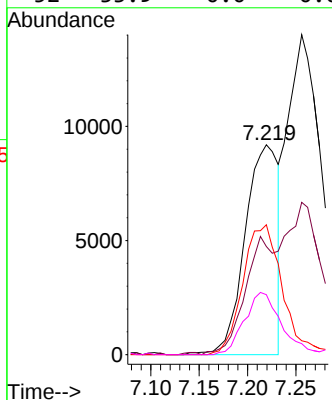
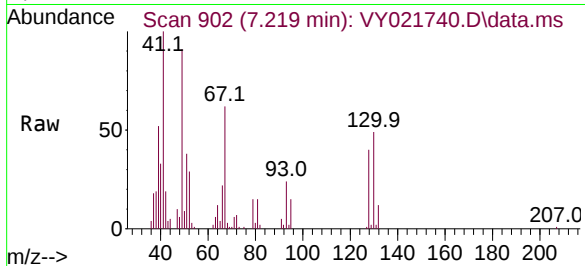




#41
Methacrylonitrile
Concen: 54.797 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

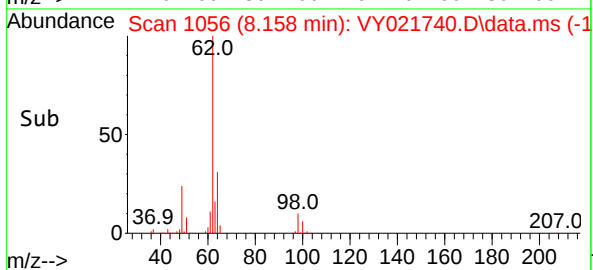
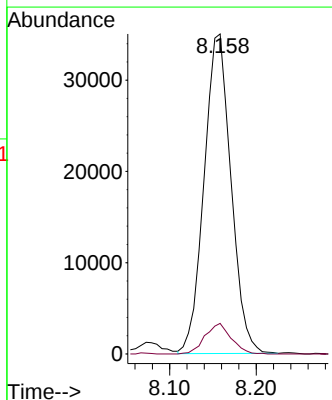
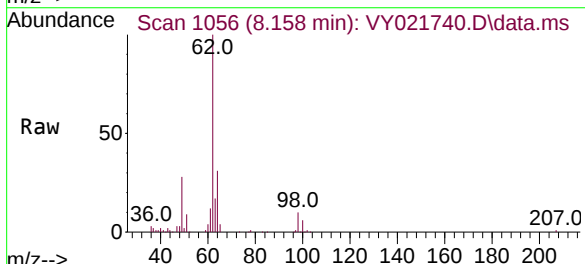
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

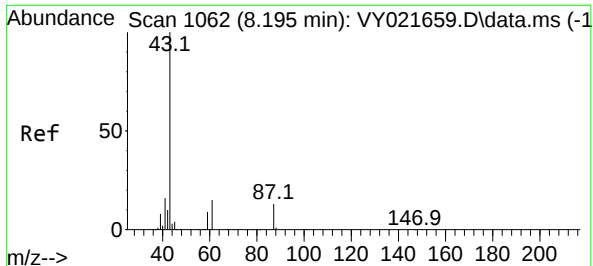
Tgt Ion:	41	Resp:	21915
Ion	Ratio	Lower	Upper
41	100		
39	46.3	0.0	0.0#
67	73.8	0.0	0.0#
52	33.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 56.112 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion:	62	Resp:	75593
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 35.206 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

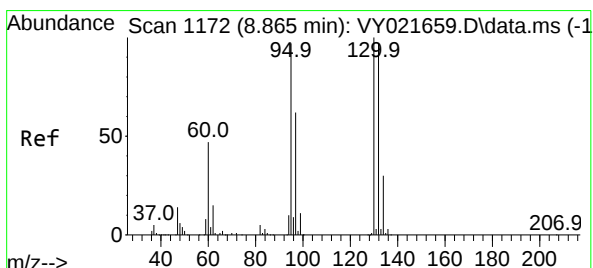
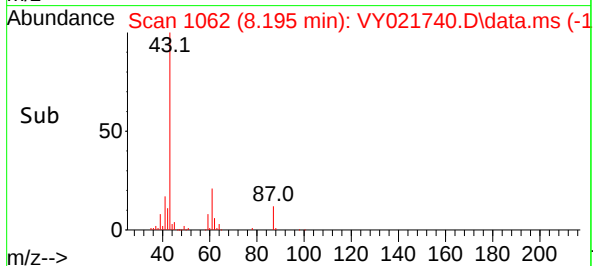
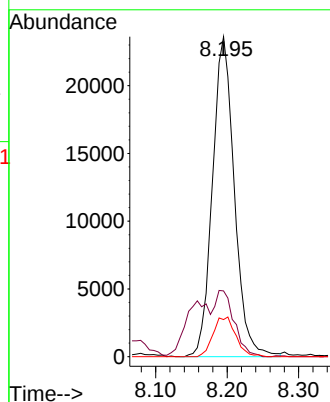
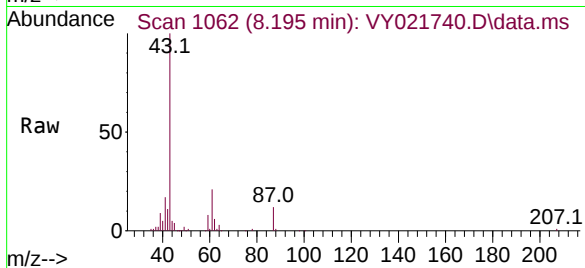
Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

Tgt Ion: 43	Resp: 50243
Ion Ratio	Lower Upper
43	100
61	18.4 15.9 23.9
87	12.9 10.4 15.6



#44

Trichloroethene

Concen: 57.419 ug/l

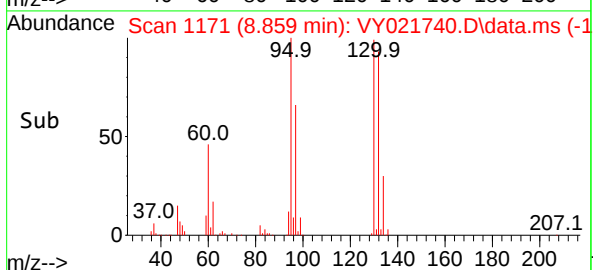
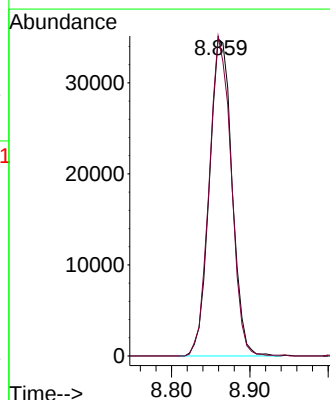
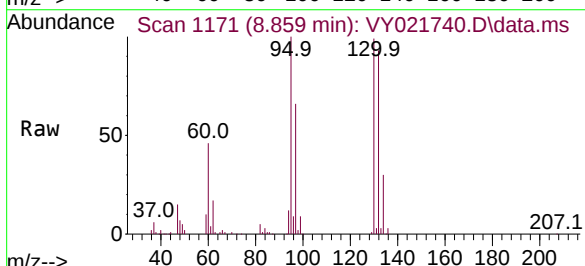
RT: 8.859 min Scan# 1171

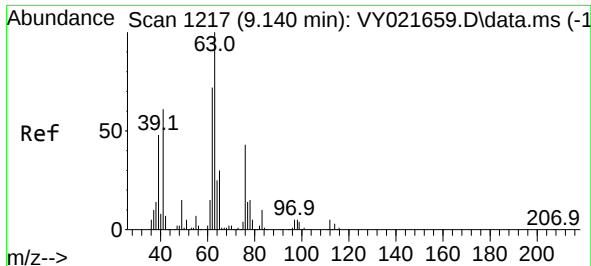
Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Tgt Ion: 130	Resp: 69912
Ion Ratio	Lower Upper
130	100
95	100.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 56.880 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

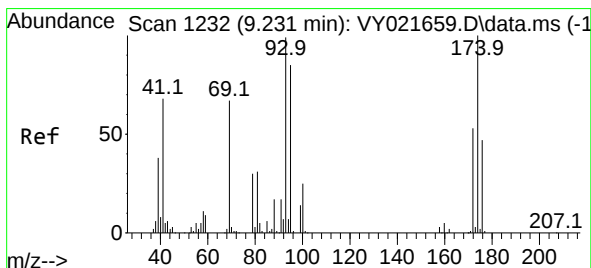
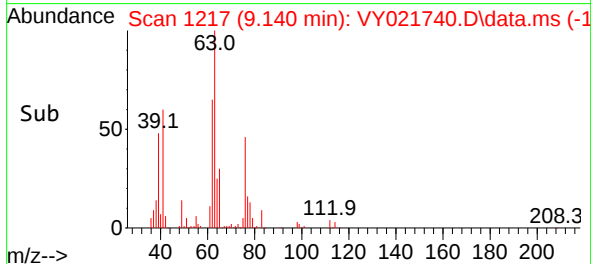
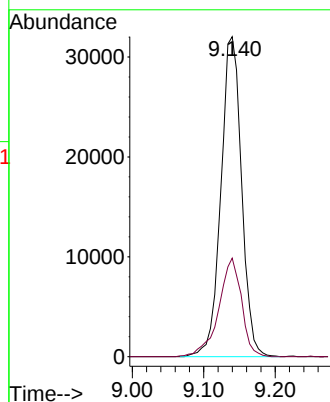
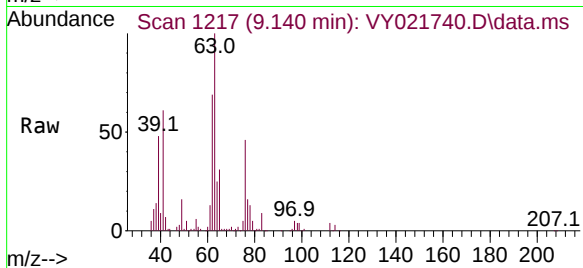
P001-BBDGA-001-01MS

Tgt Ion: 63 Resp: 64339

Ion Ratio Lower Upper

63 100

65 30.8 24.4 36.6



#46

Dibromomethane

Concen: 58.472 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

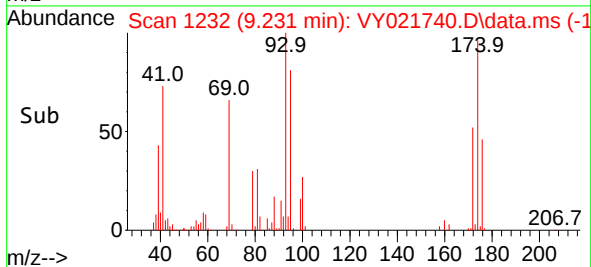
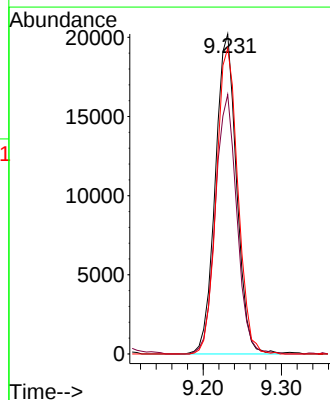
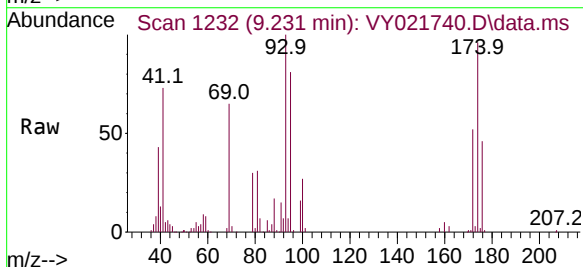
Tgt Ion: 93 Resp: 38118

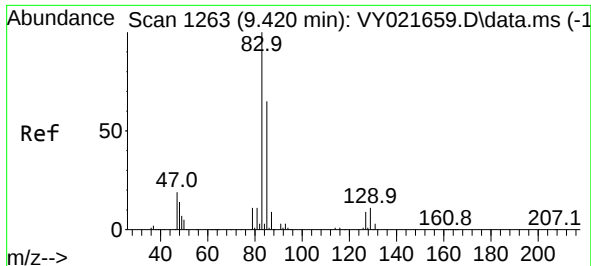
Ion Ratio Lower Upper

93 100

95 81.7 68.1 102.1

174 96.7 80.9 121.3

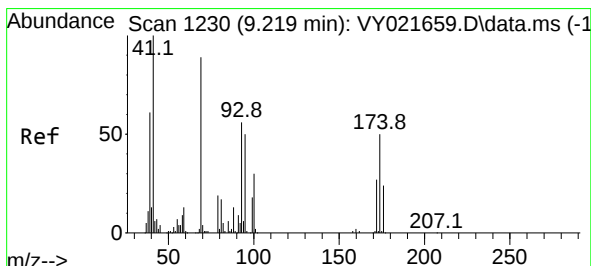
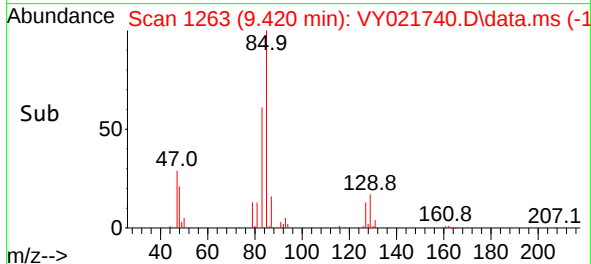
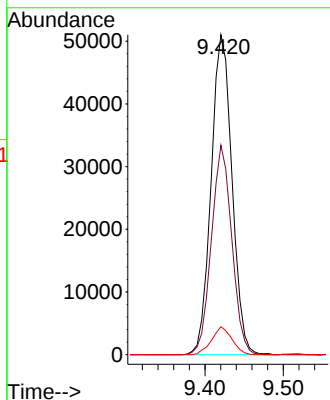
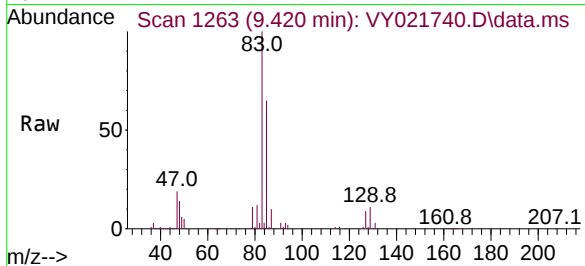




#47
Bromodichloromethane
Concen: 55.913 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

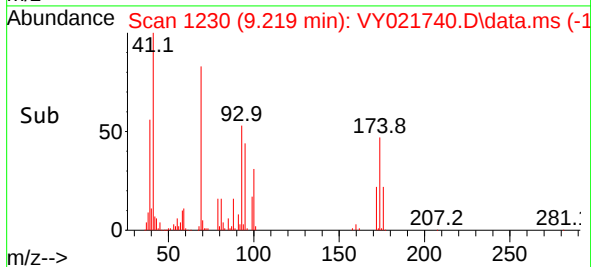
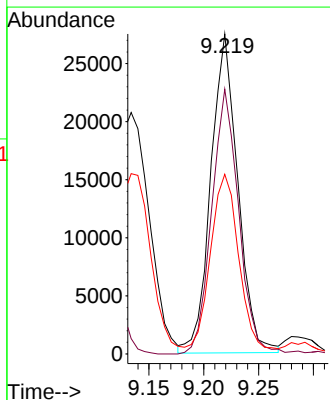
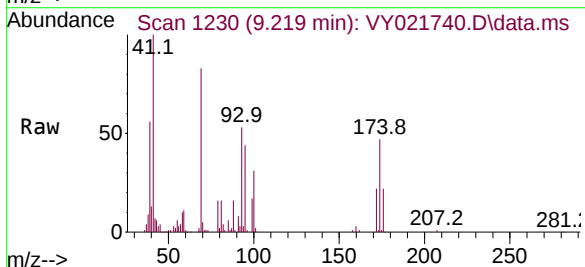
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

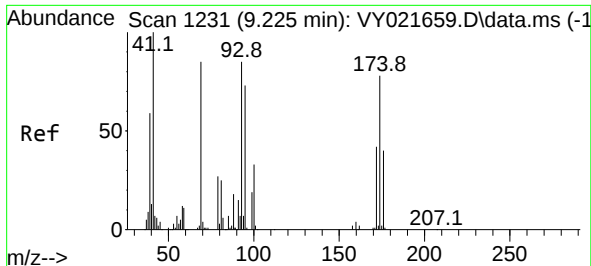
Tgt Ion: 83 Resp: 94449
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 72.024 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 41 Resp: 47175
Ion Ratio Lower Upper
41 100
69 82.7 69.8 104.8
39 56.0 47.2 70.8





#49

1,4-Dioxane

Concen: 1306.783 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

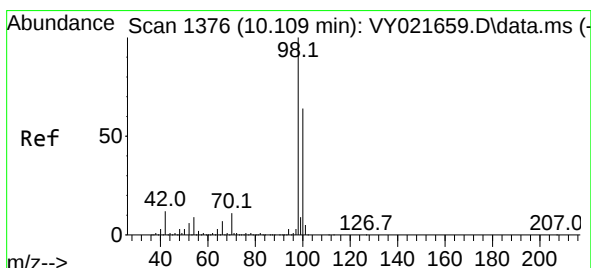
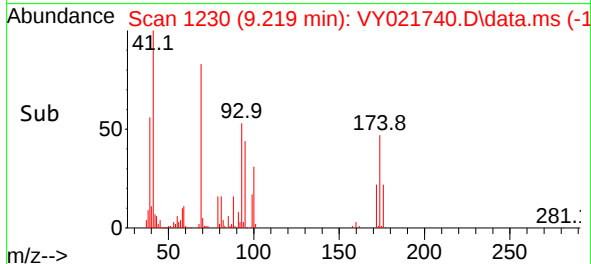
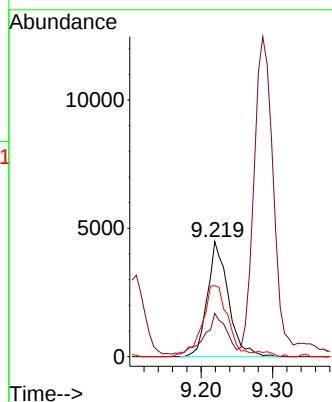
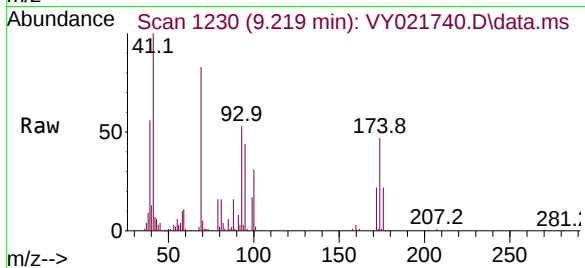
Tgt Ion: 88 Resp: 9126

Ion Ratio Lower Upper

88 100

43 35.2 28.8 43.2

58 75.5 59.4 89.2



#50

Toluene-d8

Concen: 60.412 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021740.D

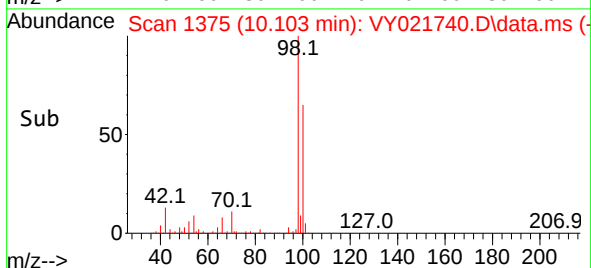
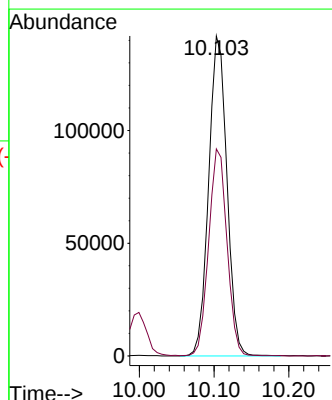
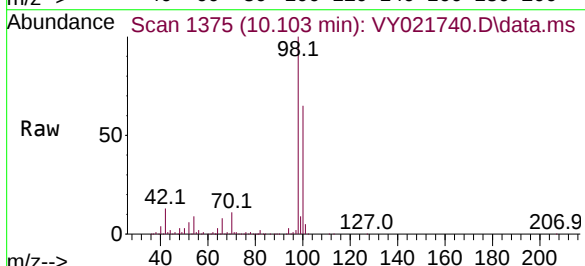
Acq: 01 Apr 2025 14:42

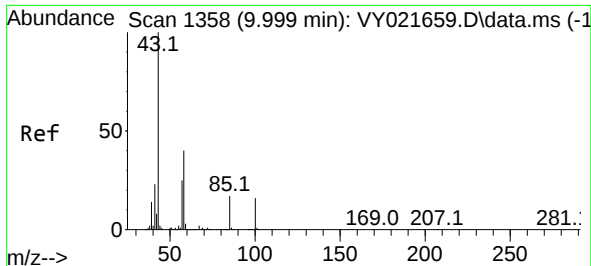
Tgt Ion: 98 Resp: 240767

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 279.970 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

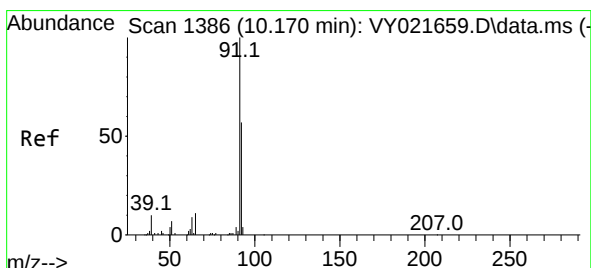
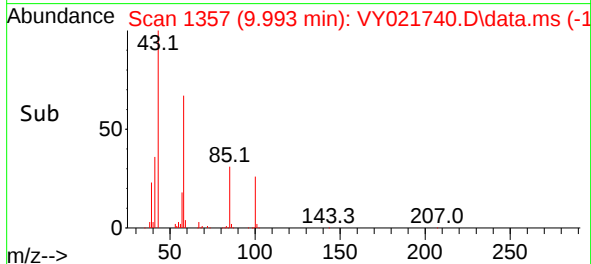
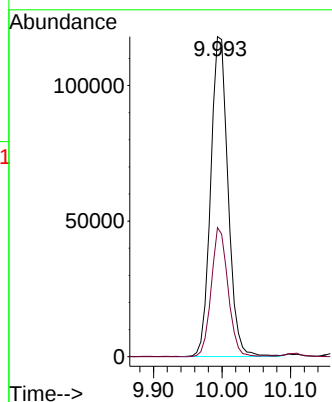
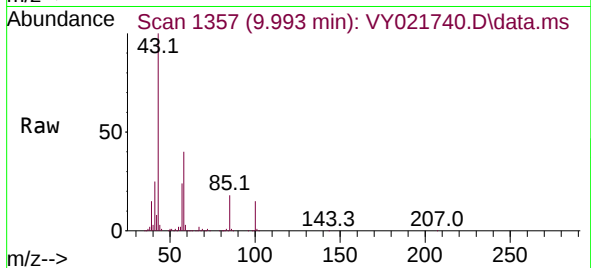
P001-BBDGA-001-01MS

Tgt Ion: 43 Resp: 207926

Ion Ratio Lower Upper

43 100

58 38.8 31.5 47.3



#52

Toluene

Concen: 56.453 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021740.D

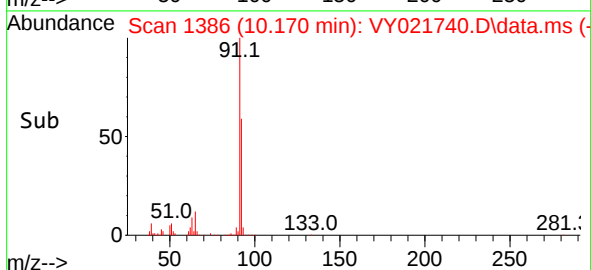
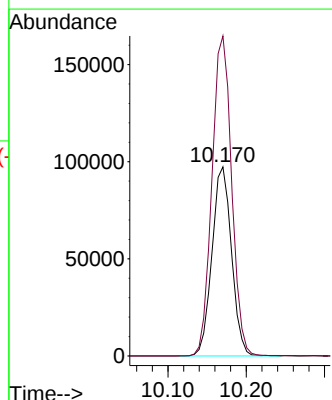
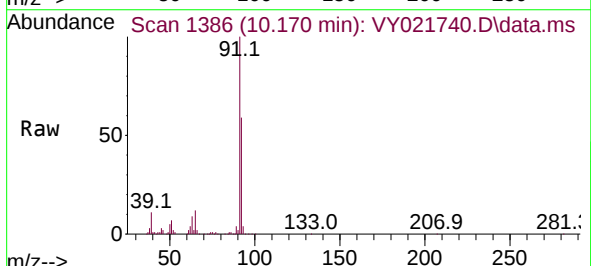
Acq: 01 Apr 2025 14:42

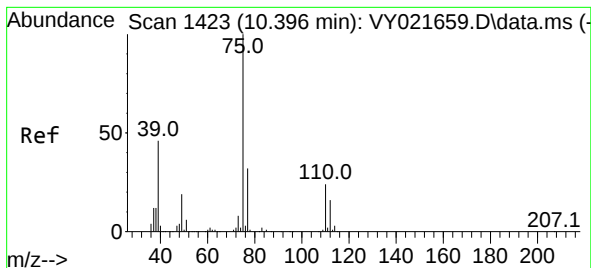
Tgt Ion: 92 Resp: 168313

Ion Ratio Lower Upper

92 100

91 170.8 138.6 207.8

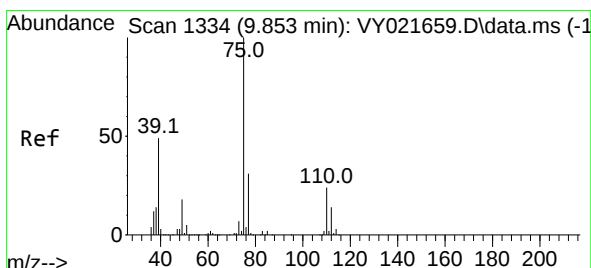
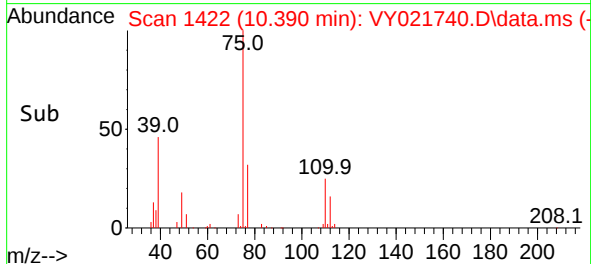
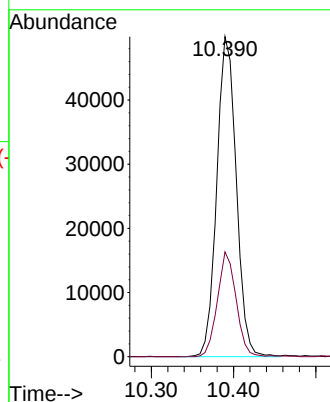
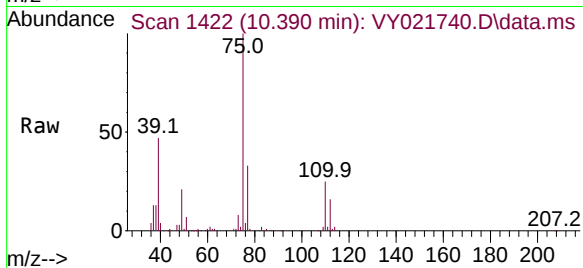




#53
t-1,3-Dichloropropene
Concen: 54.752 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

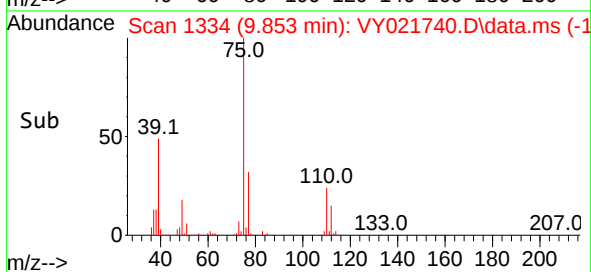
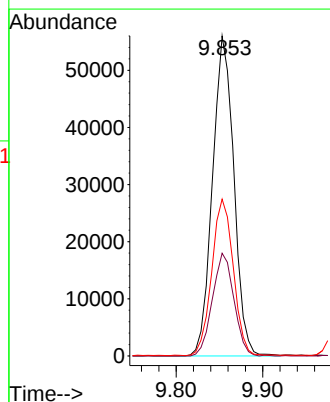
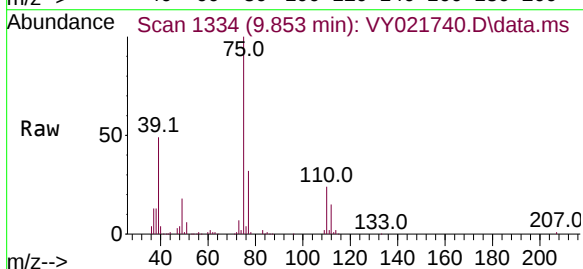
Instrument : MSVOA_Y
ClientSampleId : P001-BBDGA-001-01MS

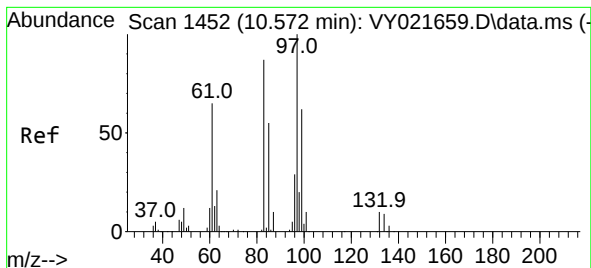
Tgt Ion: 75 Resp: 82149
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.219 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 75 Resp: 95970
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3
39 48.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 59.011 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021740.D

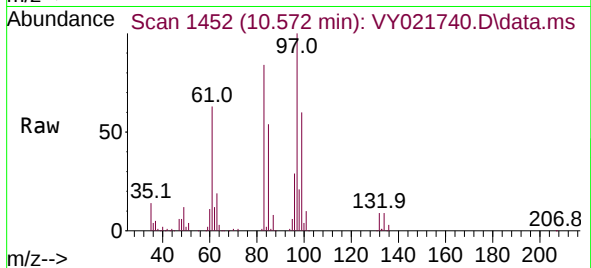
Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

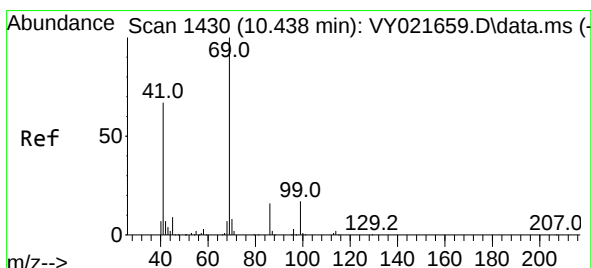
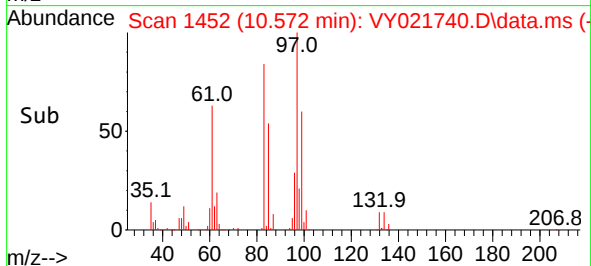
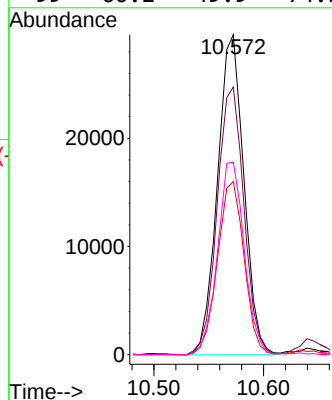
ClientSampleId :

P001-BBDGA-001-01MS



Tgt Ion: 97 Resp: 49506

Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.5	104.3
85	54.1	43.9	65.9
99	60.2	49.9	74.9



#56

Ethyl methacrylate

Concen: 34.332 ug/l

RT: 10.438 min Scan# 1430

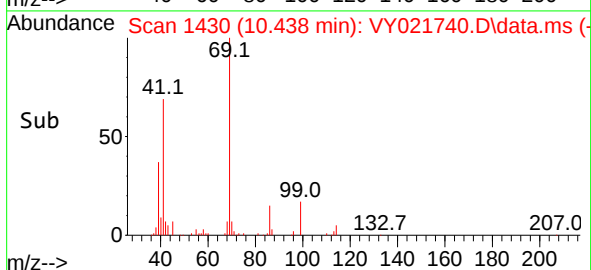
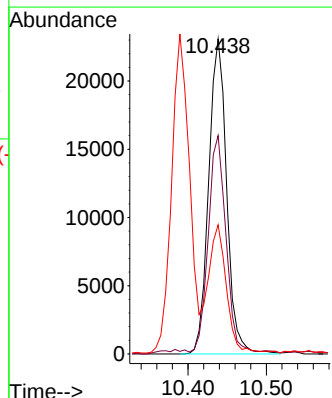
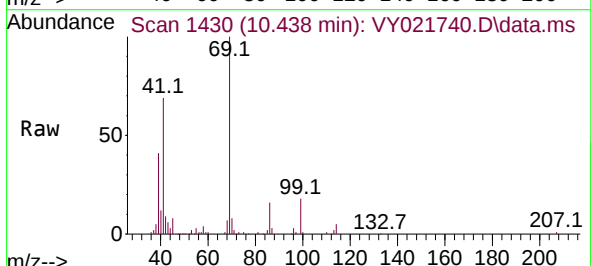
Delta R.T. 0.000 min

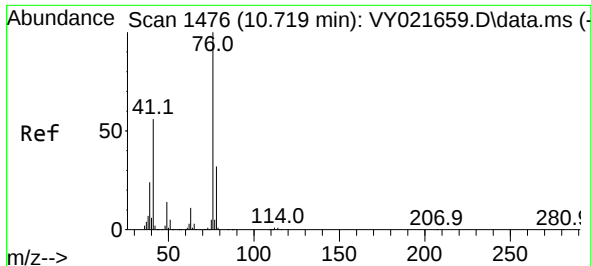
Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Tgt Ion: 69 Resp: 36777

Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.8	80.6
39	40.0	29.6	44.4





#57

1,3-Dichloropropane

Concen: 58.107 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

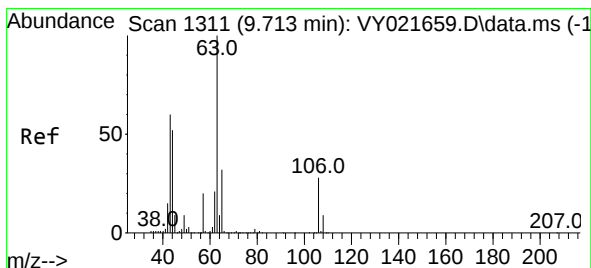
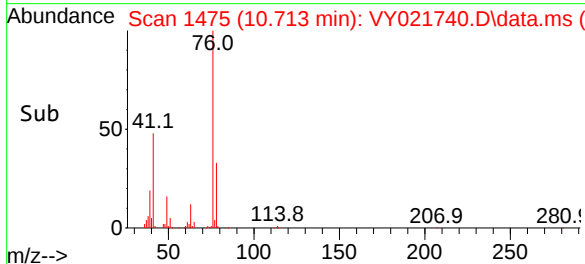
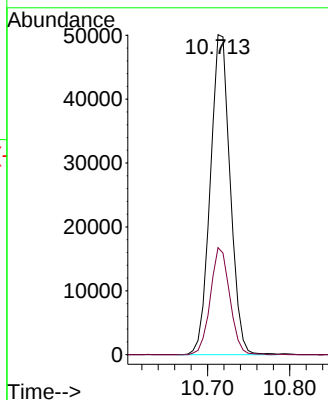
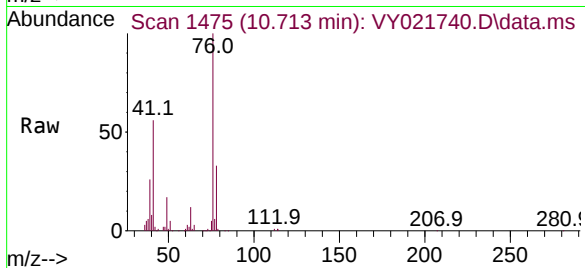
P001-BBDGA-001-01MS

Tgt Ion: 76 Resp: 84189

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 318.709 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021740.D

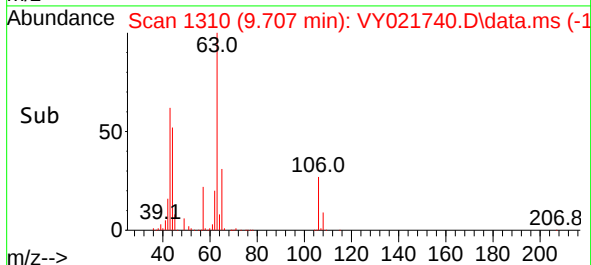
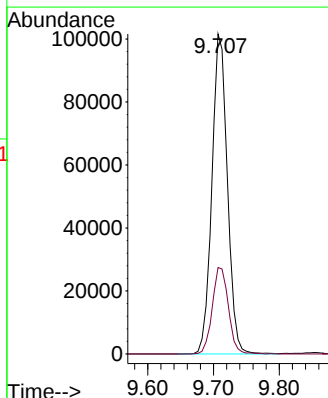
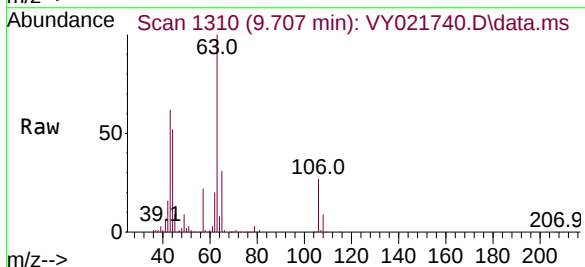
Acq: 01 Apr 2025 14:42

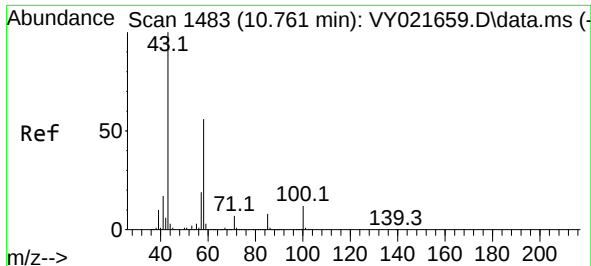
Tgt Ion: 63 Resp: 166548

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

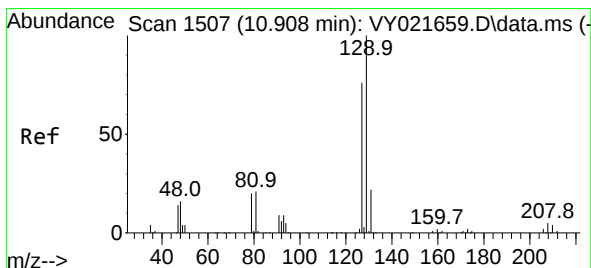
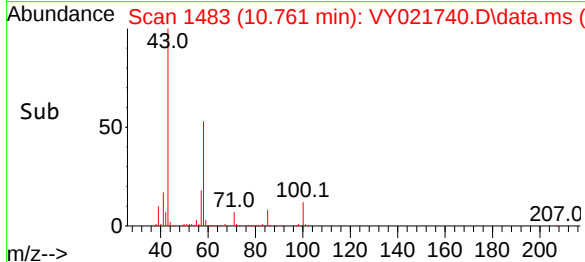
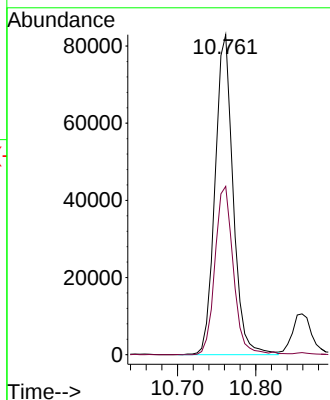
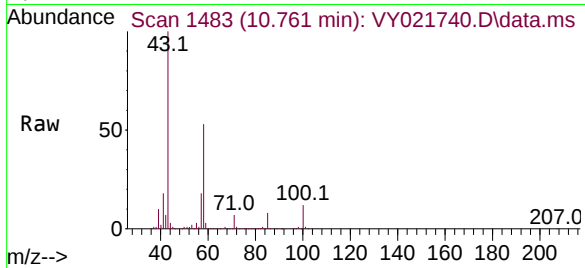




#59
2-Hexanone
Concen: 269.069 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

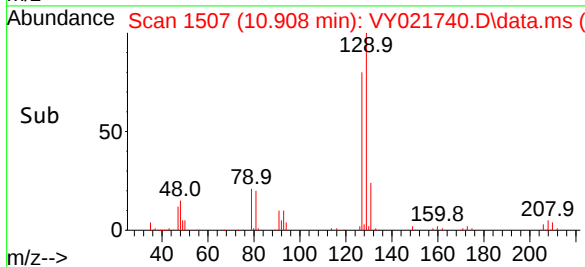
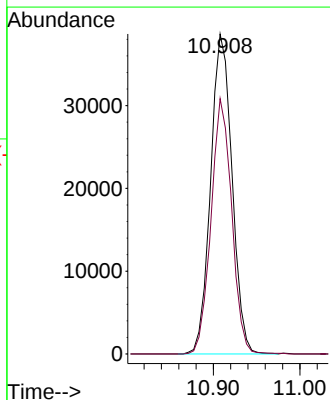
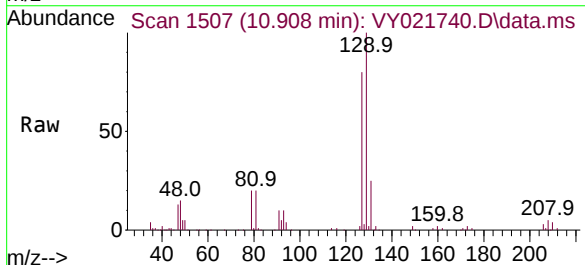
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

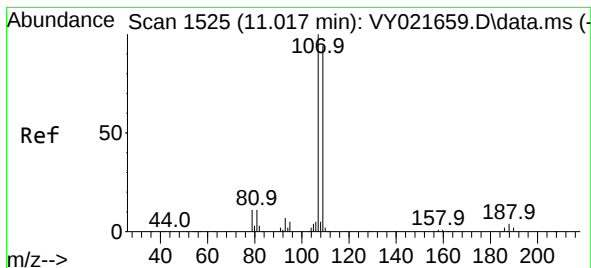
Tgt Ion: 43 Resp: 133084
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5



#60
Dibromochloromethane
Concen: 57.857 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion:129 Resp: 66270
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 58.240 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

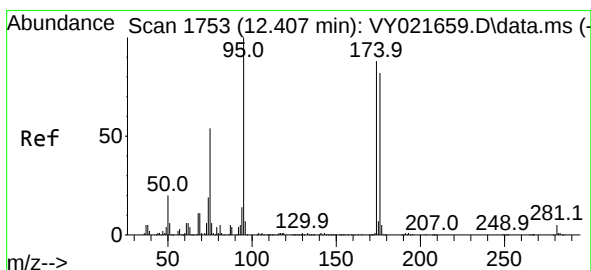
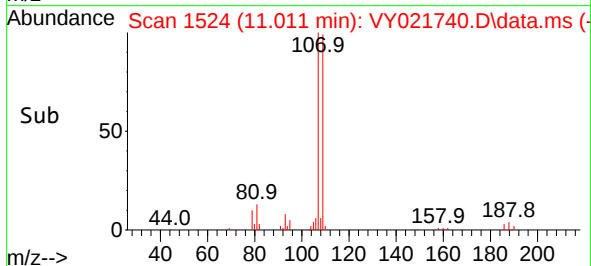
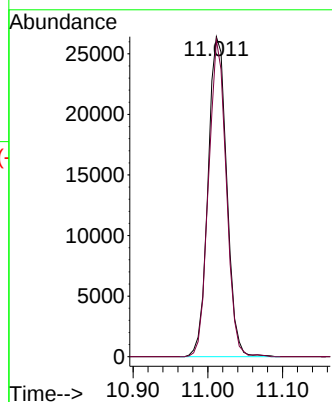
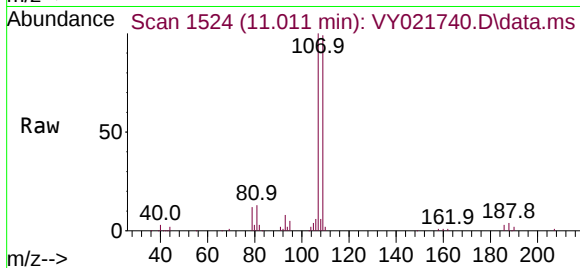
P001-BBDGA-001-01MS

Tgt Ion:107 Resp: 45833

Ion Ratio Lower Upper

107 100

109 93.8 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 59.726 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

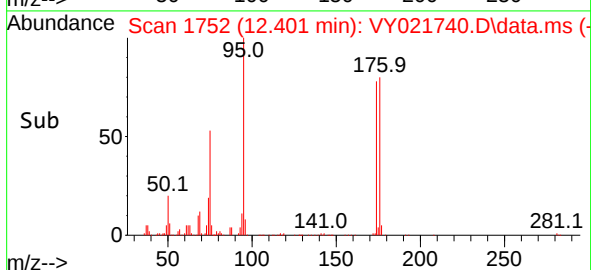
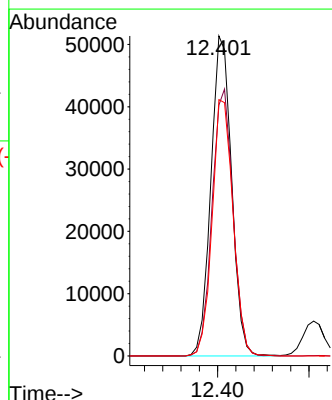
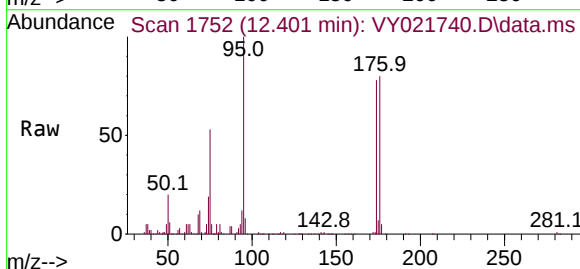
Tgt Ion: 95 Resp: 80515

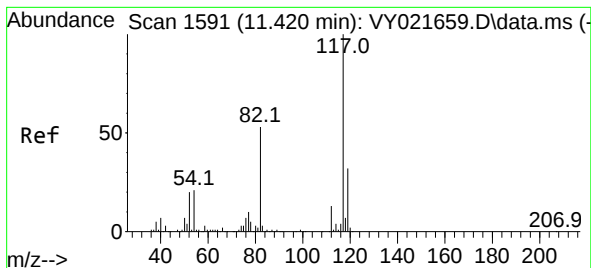
Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.8

176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

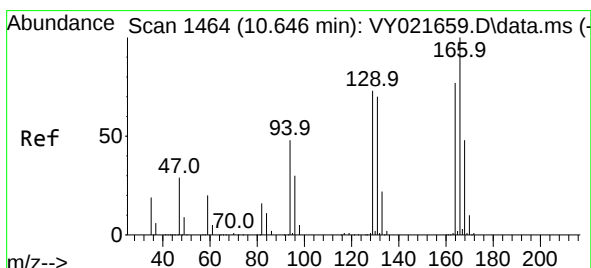
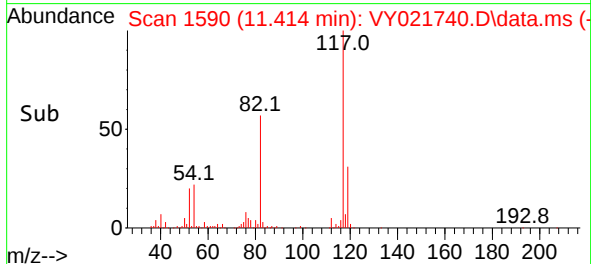
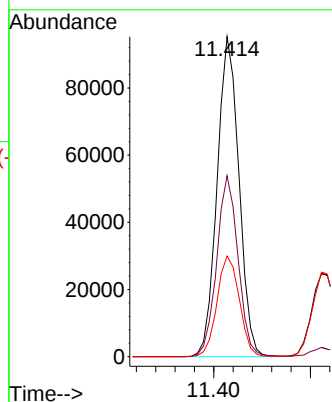
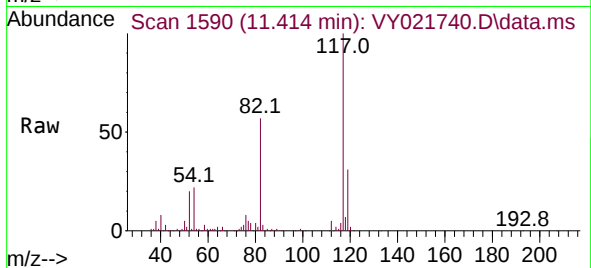
Tgt Ion:117 Resp: 149082

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 67.236 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Tgt Ion:164 Resp: 91293

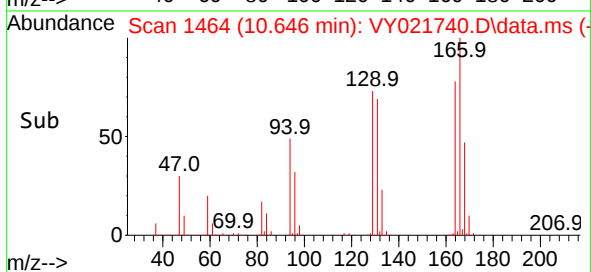
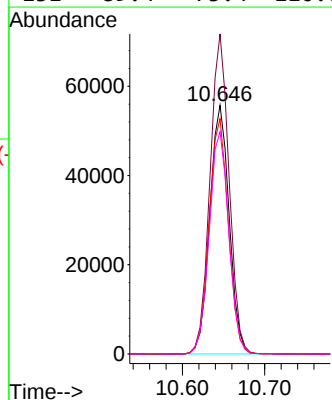
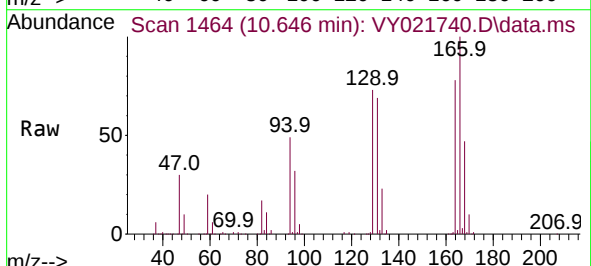
Ion Ratio Lower Upper

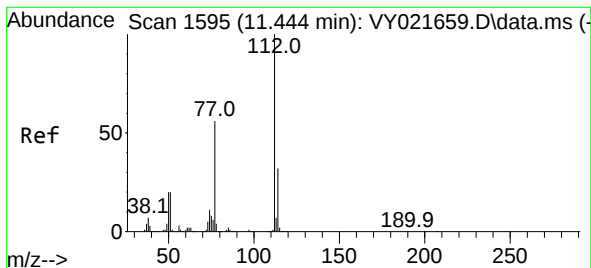
164 100

166 128.7 104.6 156.8

129 94.6 76.6 114.8

131 89.4 73.4 110.0





#65

Chlorobenzene

Concen: 51.537 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

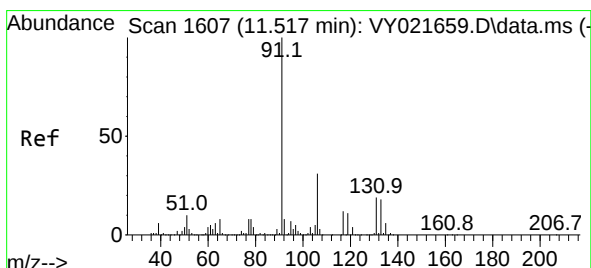
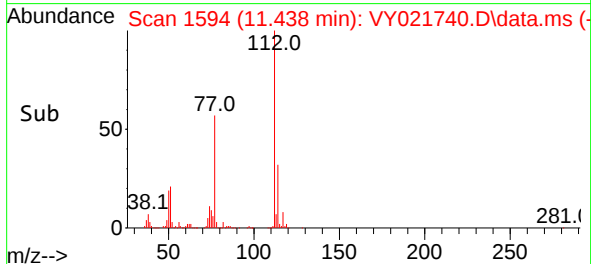
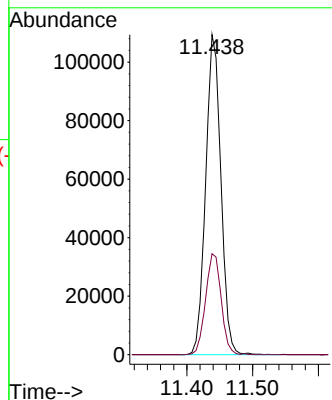
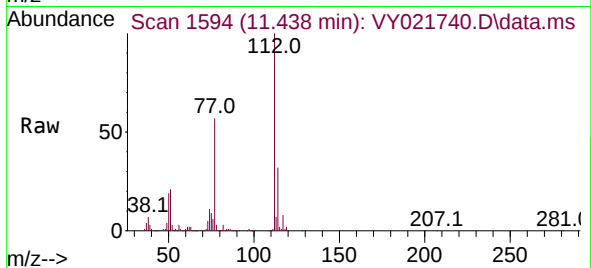
P001-BBDGA-001-01MS

Tgt Ion:112 Resp: 176125

Ion Ratio Lower Upper

112 100

114 31.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 53.018 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

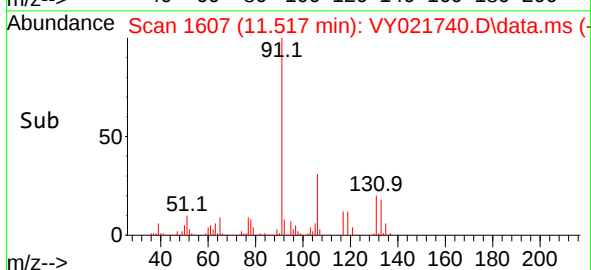
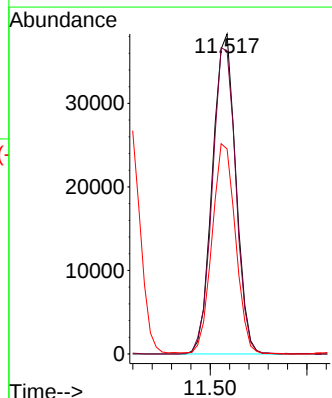
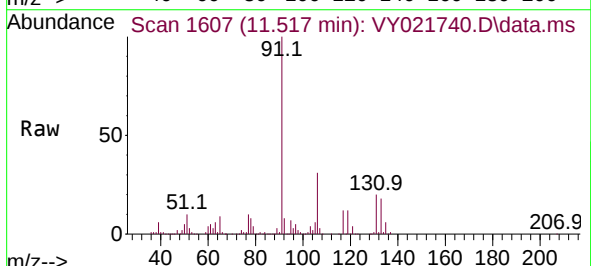
Tgt Ion:131 Resp: 64285

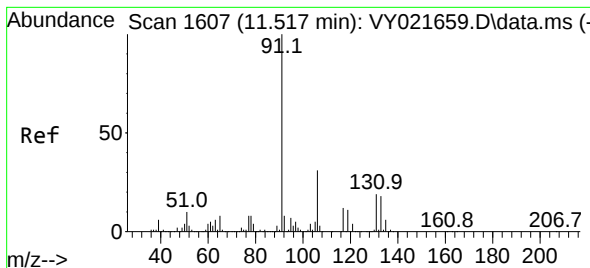
Ion Ratio Lower Upper

131 100

133 96.7 47.3 141.8

119 66.2 31.6 95.0





#67

Ethyl Benzene

Concen: 51.516 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

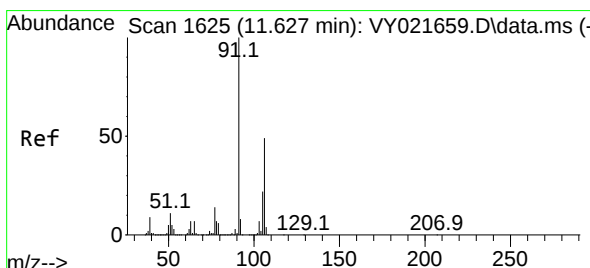
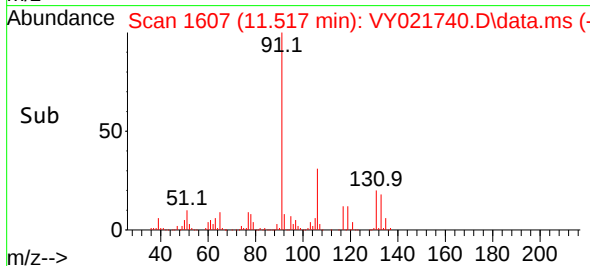
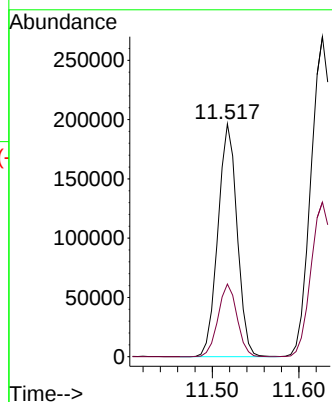
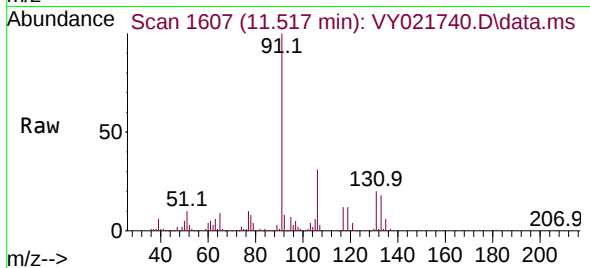
P001-BBDGA-001-01MS

Tgt Ion: 91 Resp: 301895

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 105.243 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021740.D

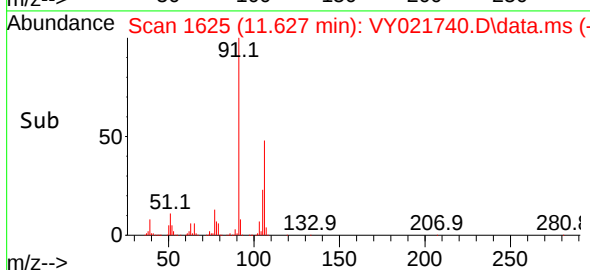
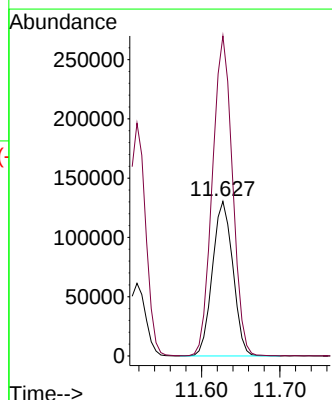
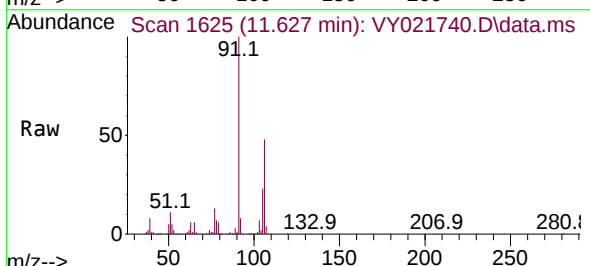
Acq: 01 Apr 2025 14:42

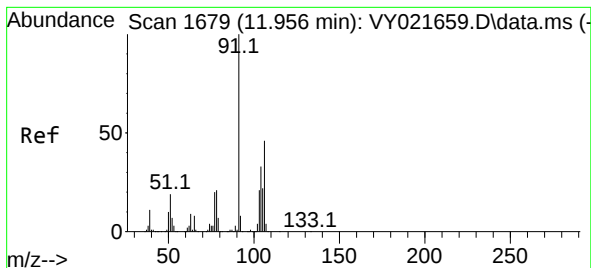
Tgt Ion:106 Resp: 236168

Ion Ratio Lower Upper

106 100

91 203.7 162.4 243.6





#69

o-Xylene

Concen: 53.243 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

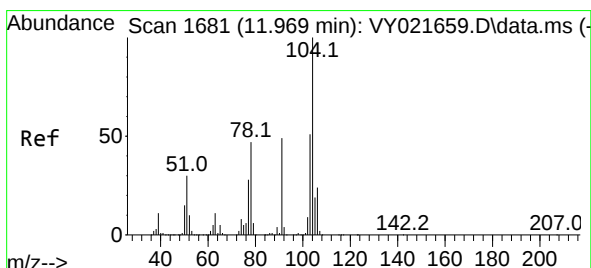
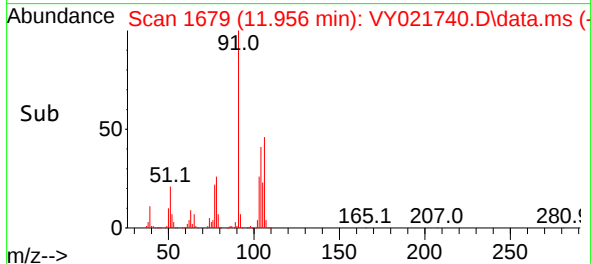
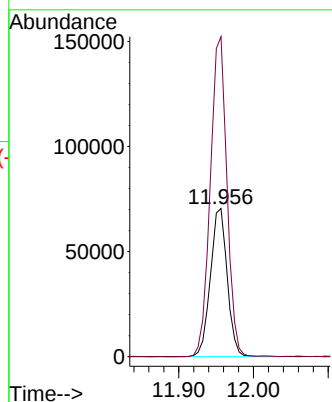
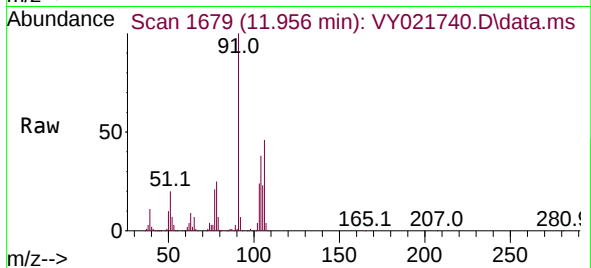
P001-BBDGA-001-01MS

Tgt Ion:106 Resp: 110288

Ion Ratio Lower Upper

106 100

91 213.7 106.7 319.9



#70

Styrene

Concen: 53.192 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

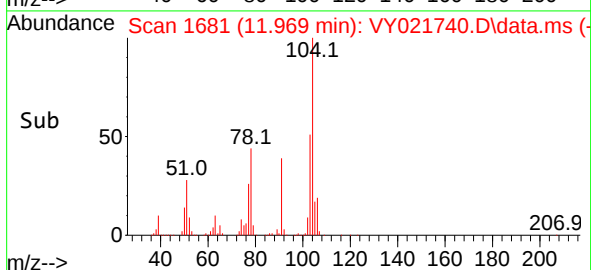
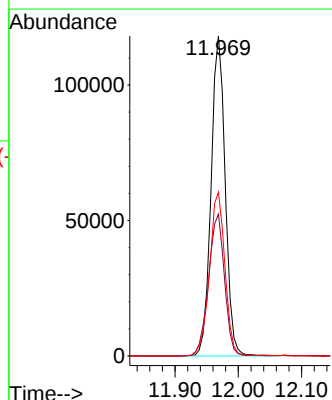
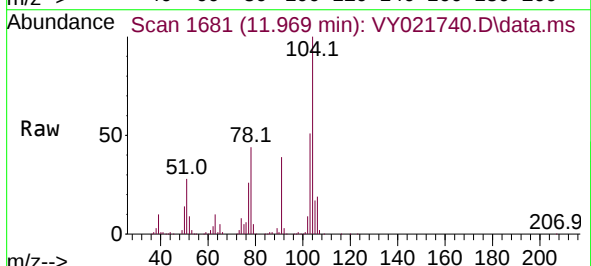
Tgt Ion:104 Resp: 183712

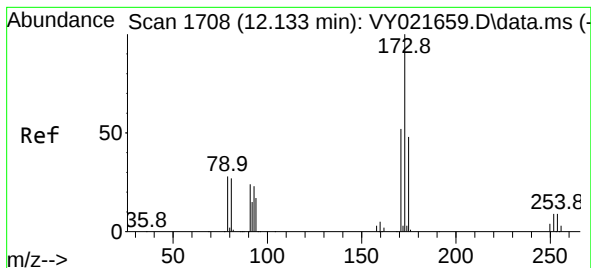
Ion Ratio Lower Upper

104 100

78 49.9 40.8 61.2

103 55.8 44.2 66.2





#71

Bromoform

Concen: 55.046 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

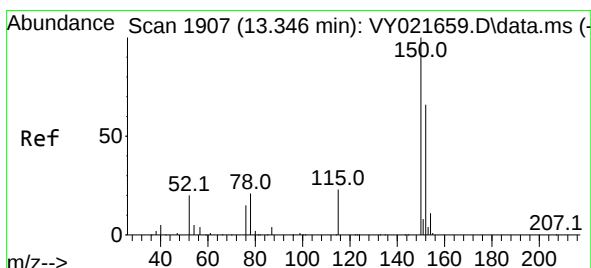
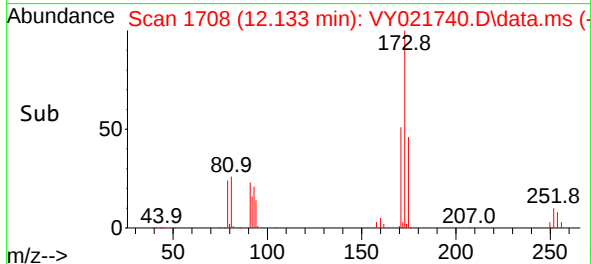
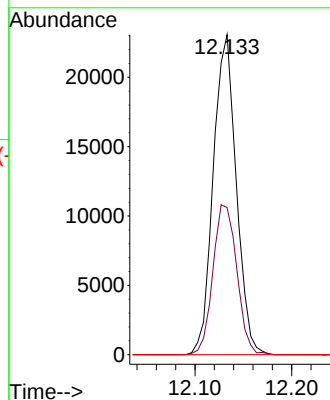
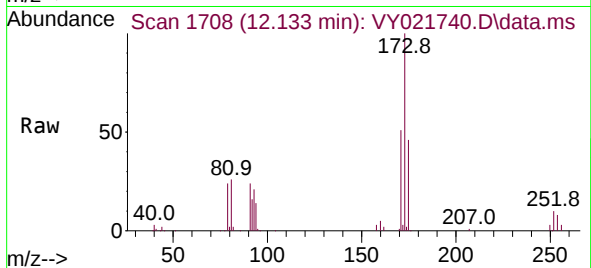
Tgt Ion:173 Resp: 38072

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

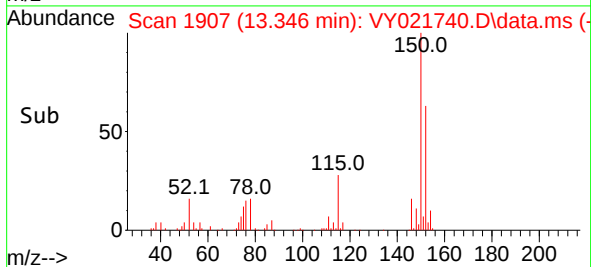
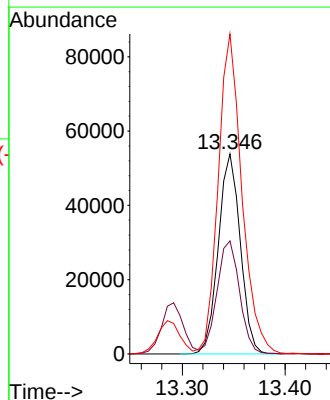
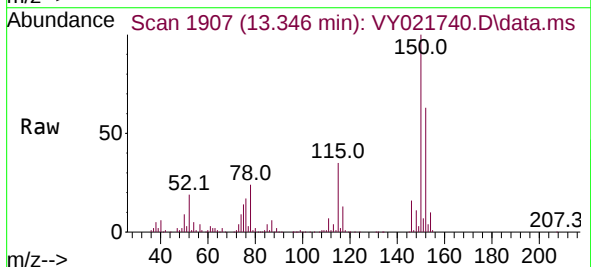
Tgt Ion:152 Resp: 79914

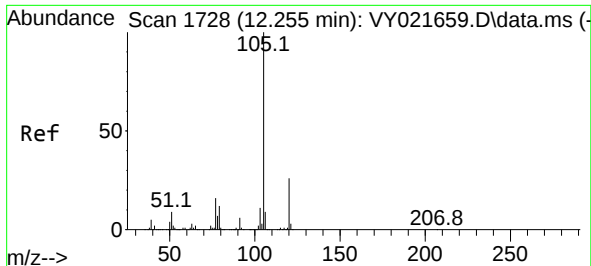
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 172.8 0.0 348.4

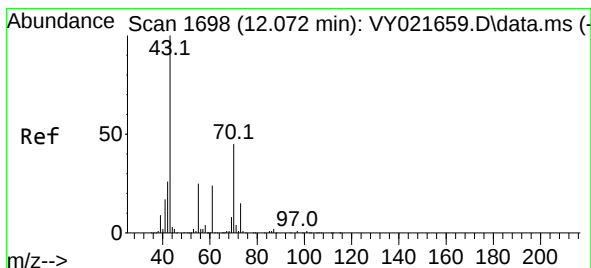
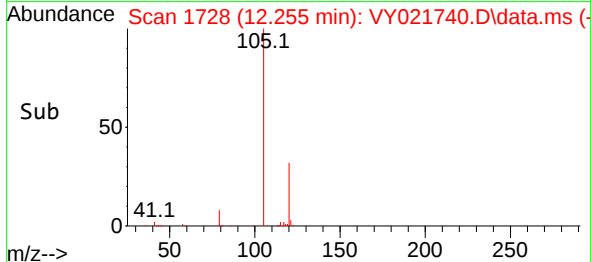
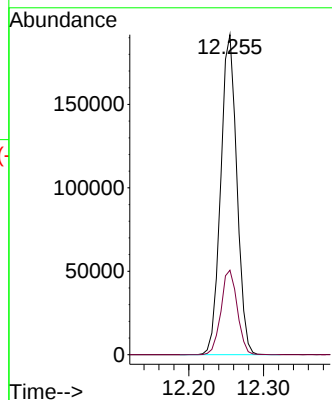
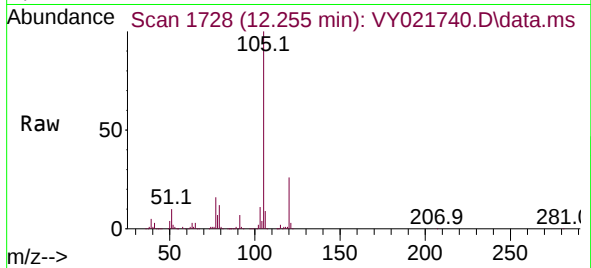




#73
Isopropylbenzene
Concen: 48.579 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

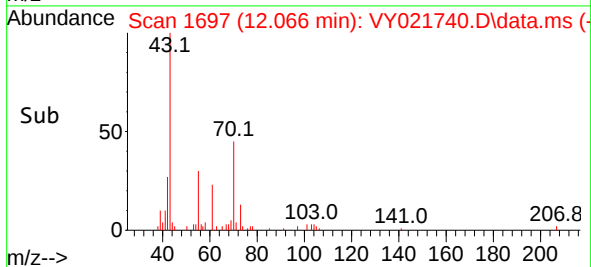
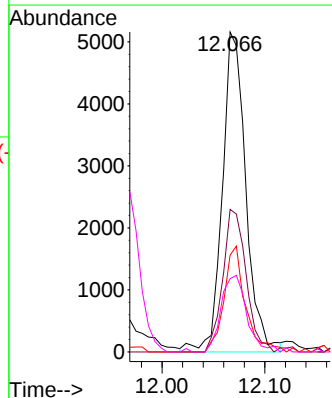
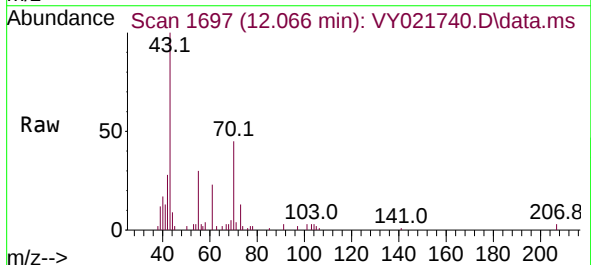
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

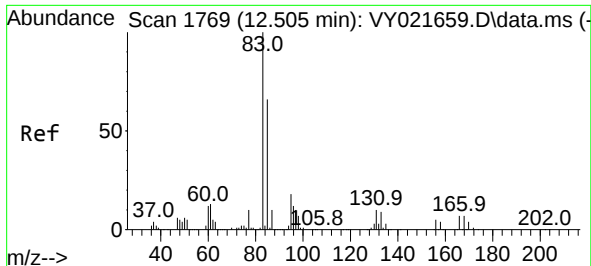
Tgt Ion:105 Resp: 288342
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 5.874 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 43 Resp: 8183
Ion Ratio Lower Upper
43 100
70 44.2 34.7 52.1
55 30.1 21.2 31.8
61 26.2 19.5 29.3

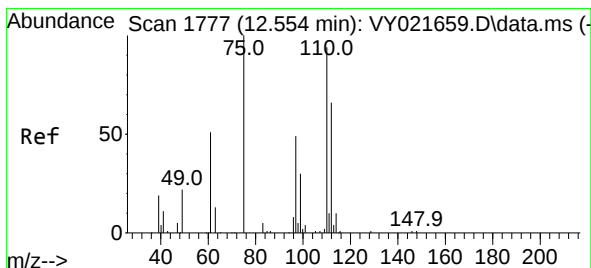
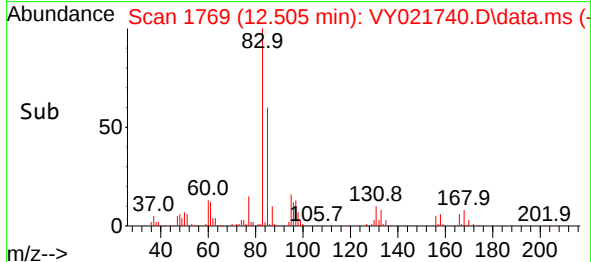
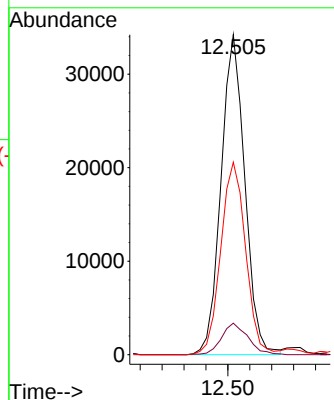
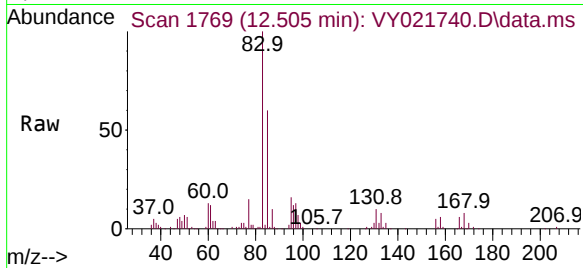




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.365 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

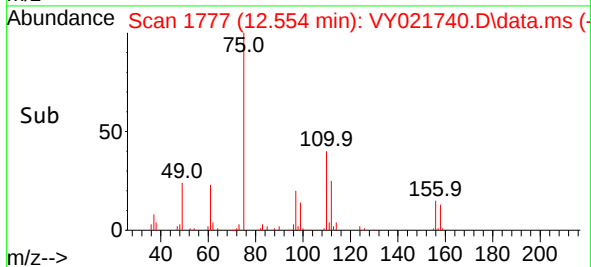
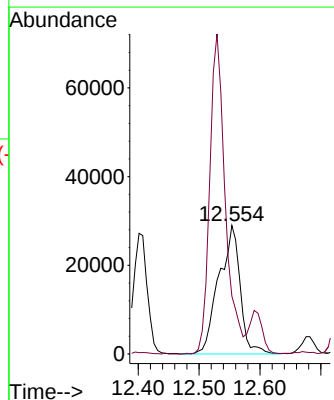
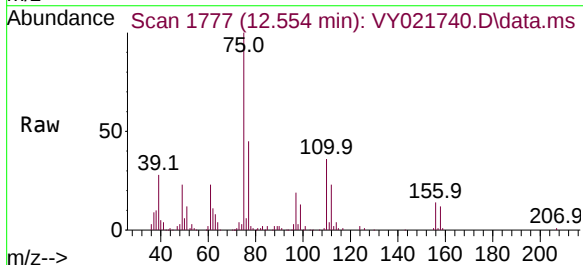
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

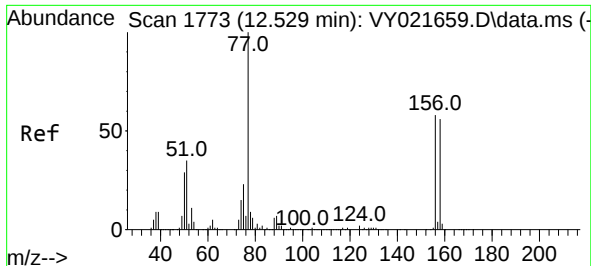
Tgt Ion: 83 Resp: 51613
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 62.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 88.992 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

Tgt Ion: 75 Resp: 70495
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

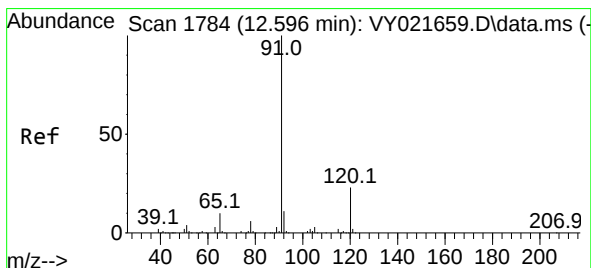
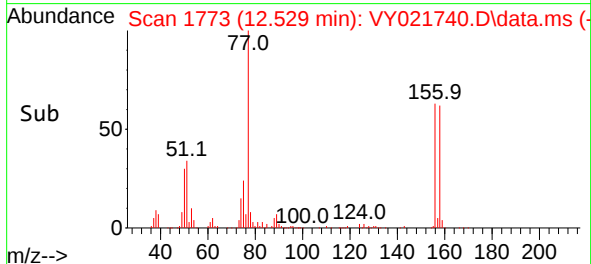
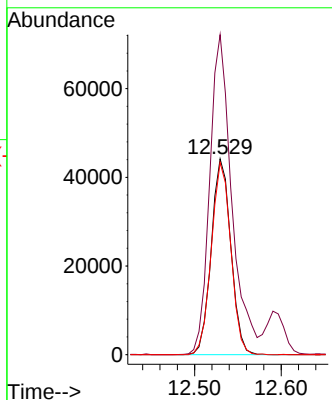
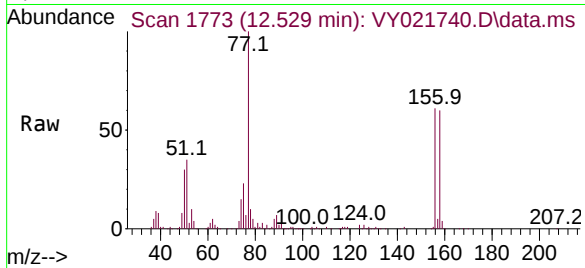




#77
Bromobenzene
Concen: 48.740 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

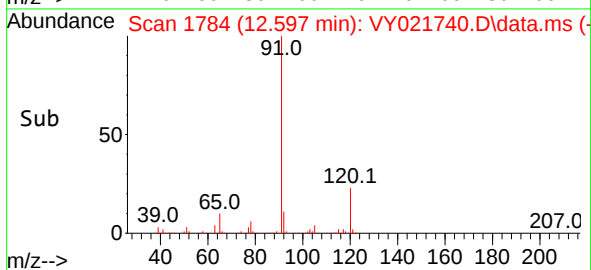
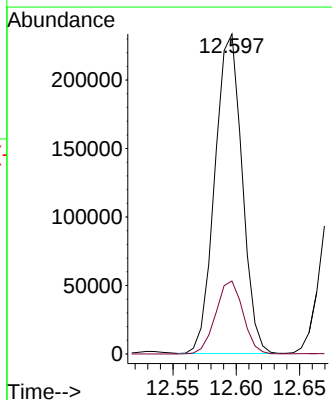
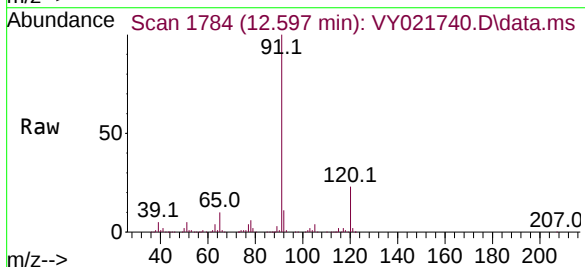
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

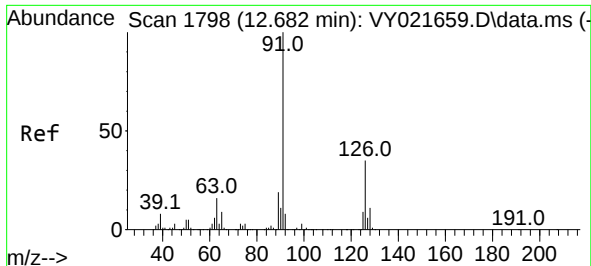
Tgt Ion:156 Resp: 69460
Ion Ratio Lower Upper
156 100
77 183.9 92.8 278.3
158 97.5 48.5 145.6



#78
n-propylbenzene
Concen: 48.950 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 91 Resp: 349302
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

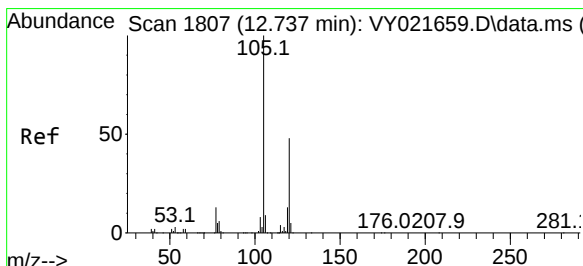
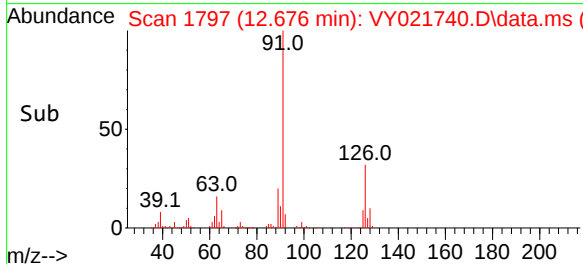
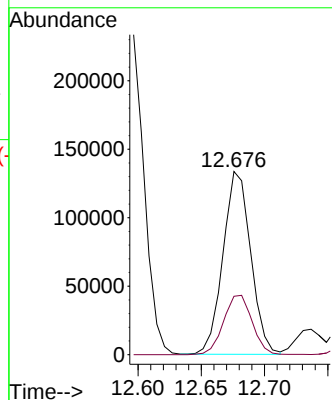
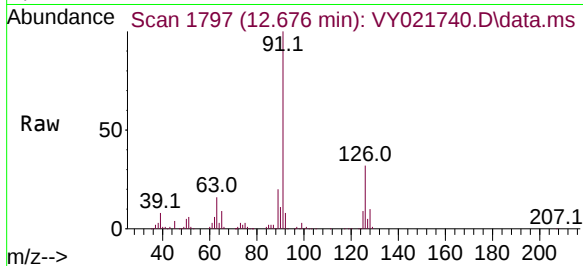




#79
2-Chlorotoluene
Concen: 49.148 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

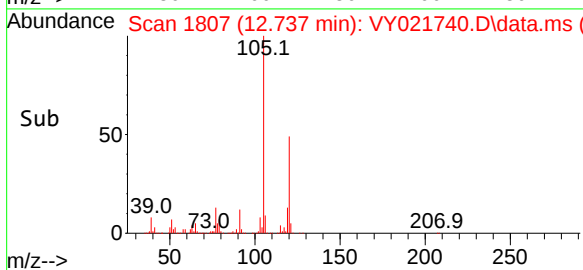
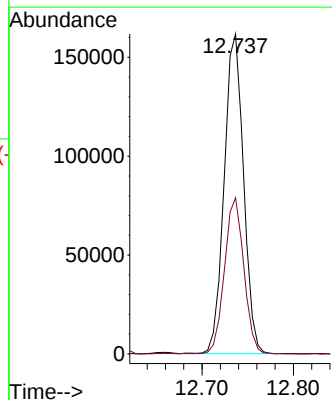
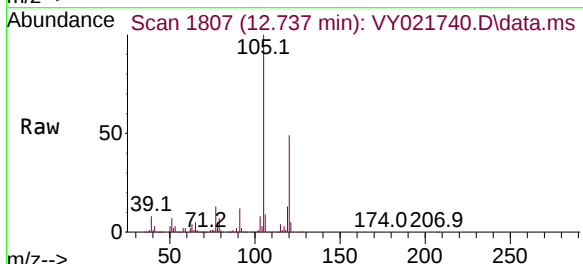
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

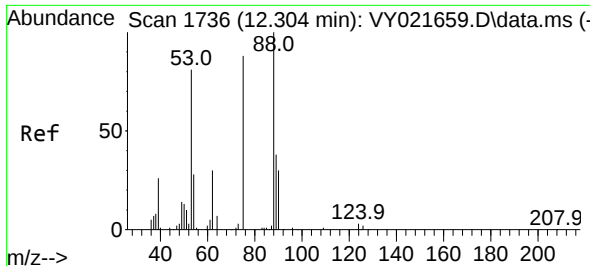
Tgt Ion: 91 Resp: 203700
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 49.066 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 105 Resp: 238020
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

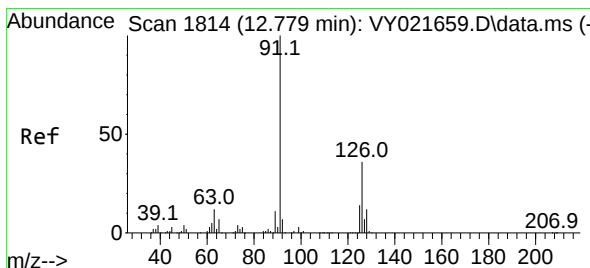
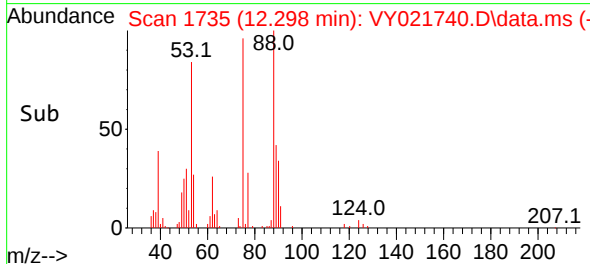
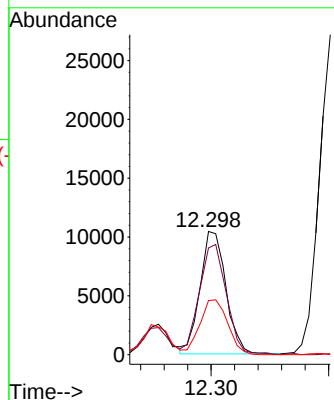
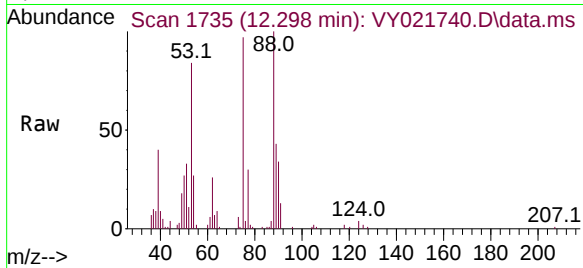




#81
trans-1,4-Dichloro-2-butene
Concen: 46.296 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

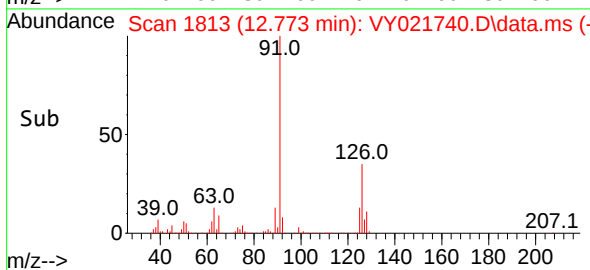
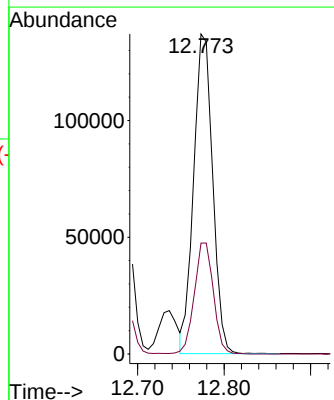
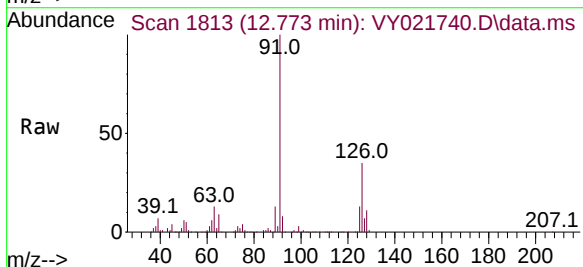
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

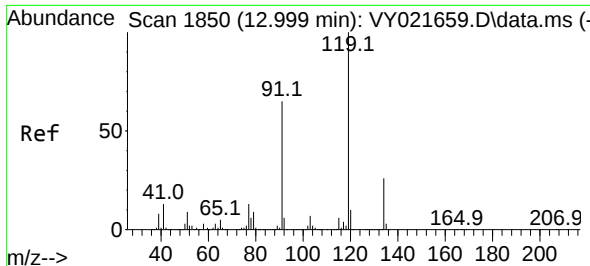
Tgt Ion: 75 Resp: 15916
Ion Ratio Lower Upper
75 100
53 94.6 76.1 114.1
89 48.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 48.316 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion: 91 Resp: 208772
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9

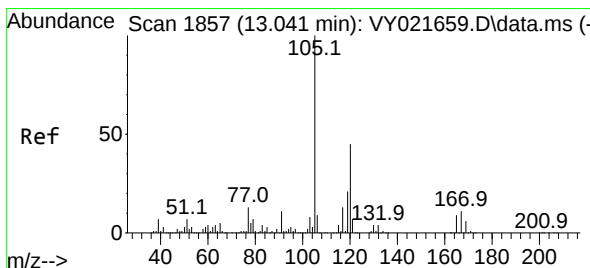
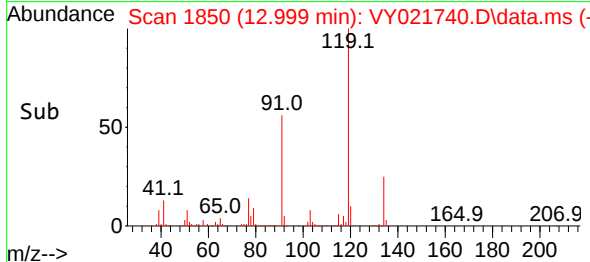
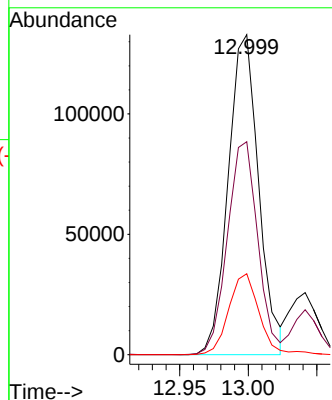
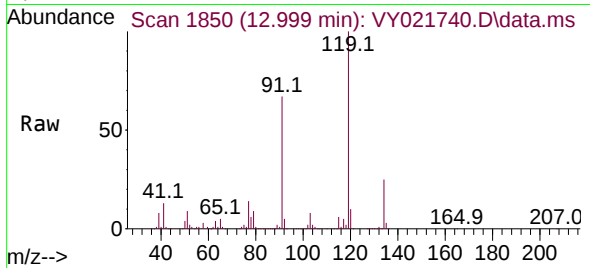




#83
tert-Butylbenzene
Concen: 47.688 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

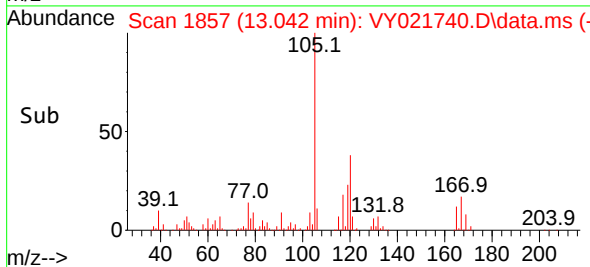
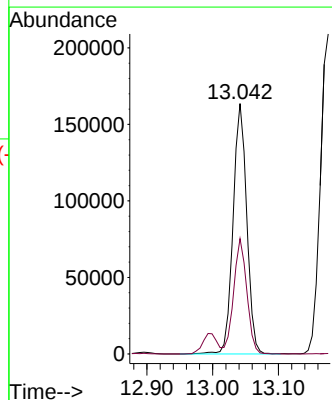
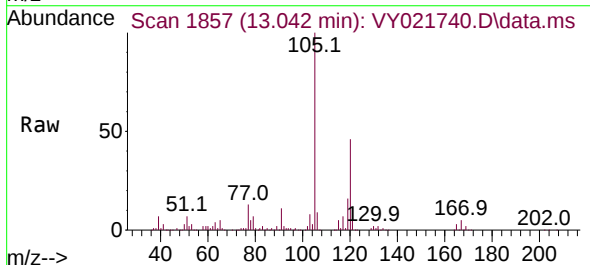
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

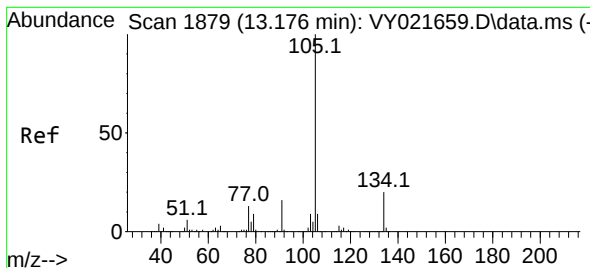
Tgt Ion:119 Resp: 206052
Ion Ratio Lower Upper
119 100
91 66.5 32.6 97.7
134 25.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.402 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021740.D
Acq: 01 Apr 2025 14:42

Tgt Ion:105 Resp: 236860
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.861 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

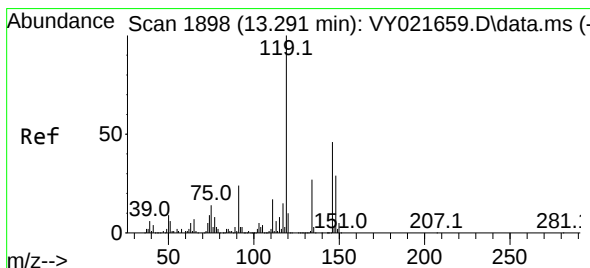
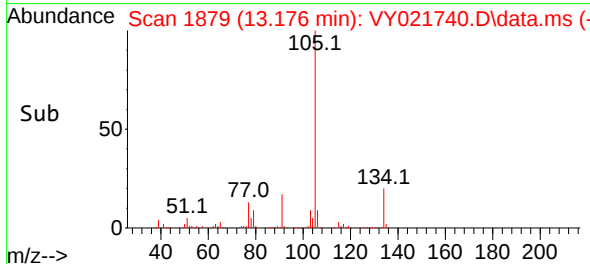
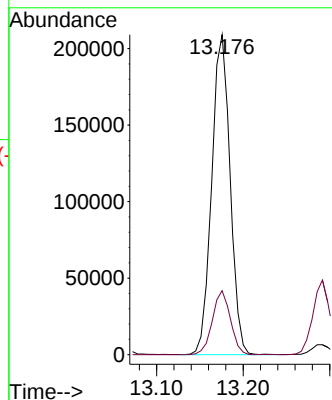
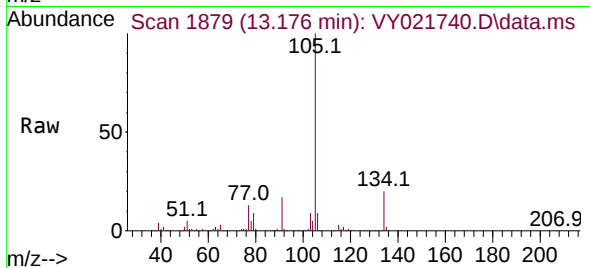
P001-BBDGA-001-01MS

Tgt Ion:105 Resp: 308529

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.806 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

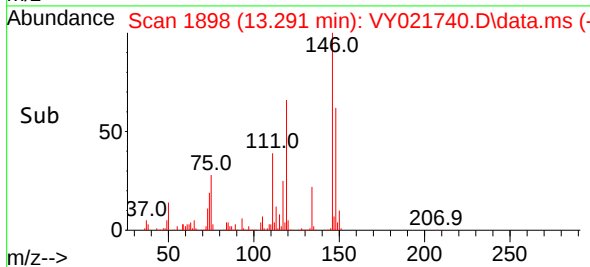
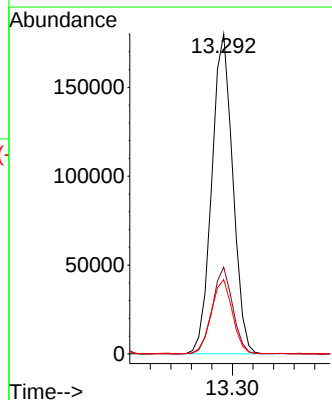
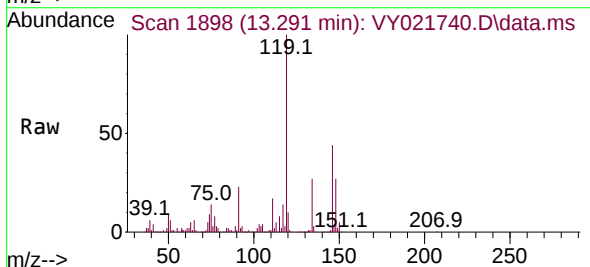
Tgt Ion:119 Resp: 254716

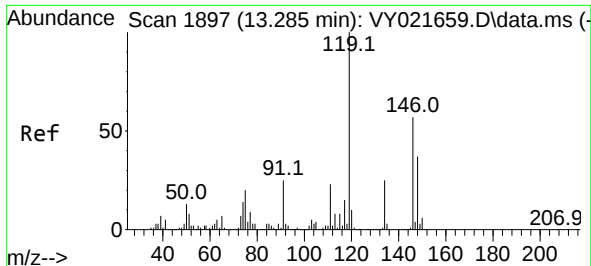
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.5 12.0 36.0

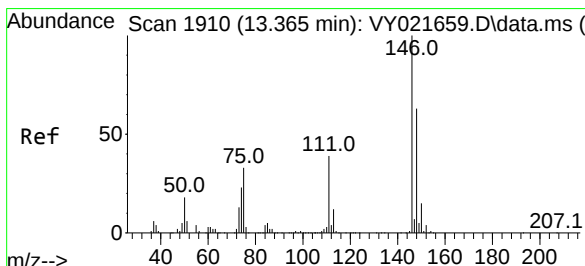
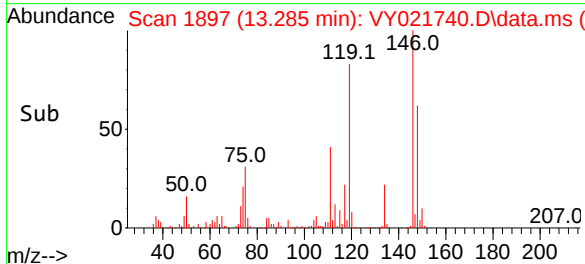
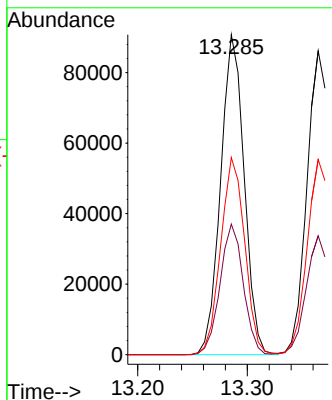
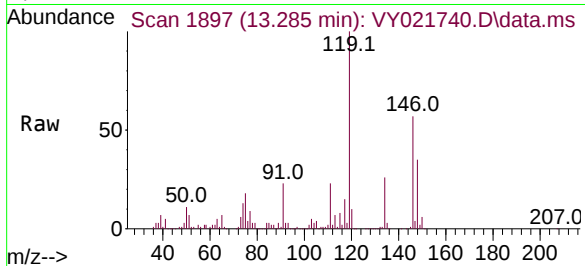




#87
 1,3-Dichlorobenzene
 Concen: 48.243 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

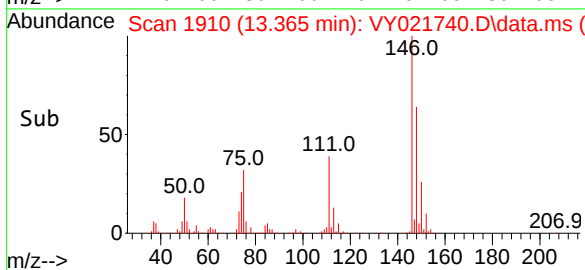
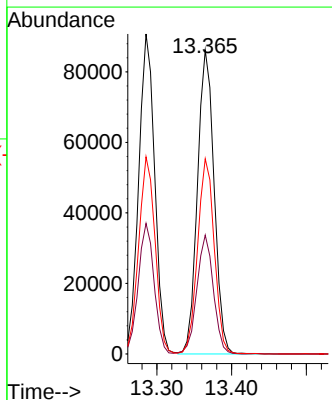
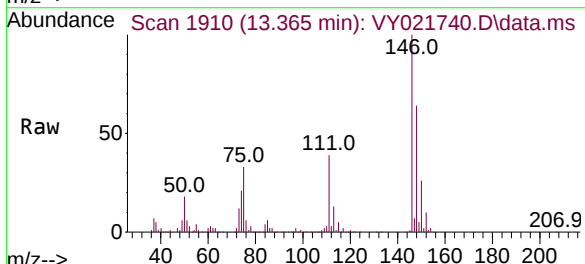
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

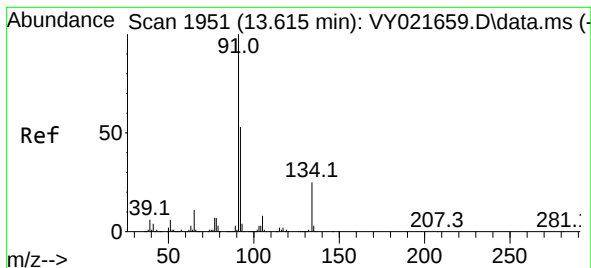
Tgt Ion:146 Resp: 135455
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 62.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.109 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021740.D
 Acq: 01 Apr 2025 14:42

Tgt Ion:146 Resp: 133457
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 44.754 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

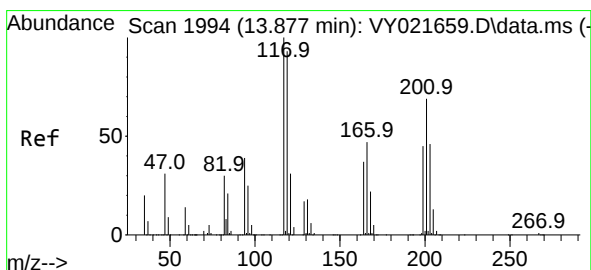
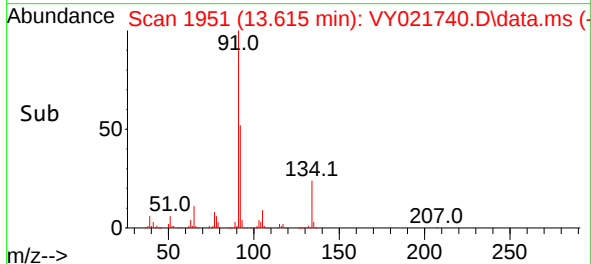
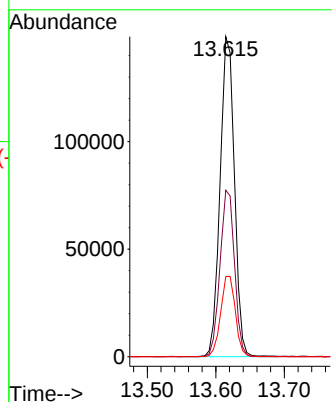
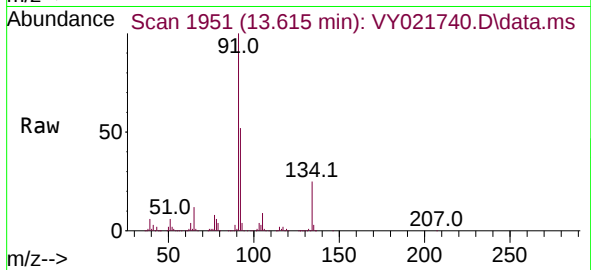
Tgt Ion: 91 Resp: 216008

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.7 12.8 38.4



#90

Hexachloroethane

Concen: 46.322 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021740.D

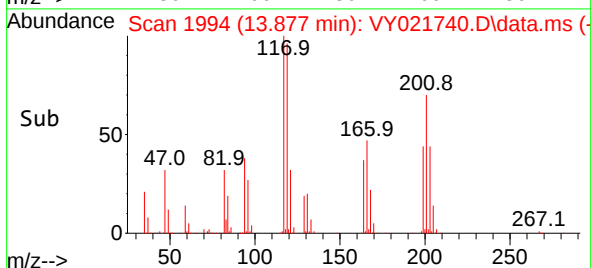
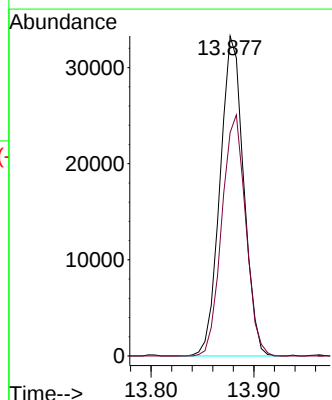
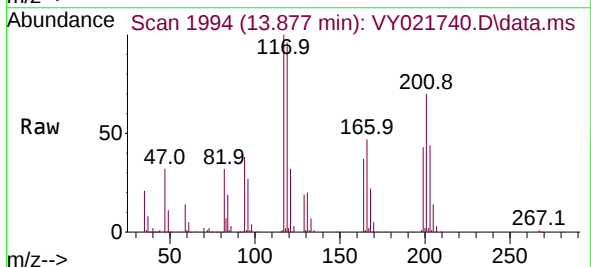
Acq: 01 Apr 2025 14:42

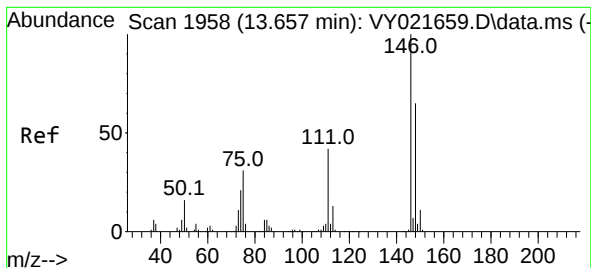
Tgt Ion: 117 Resp: 52976

Ion Ratio Lower Upper

117 100

201 76.3 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 49.450 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

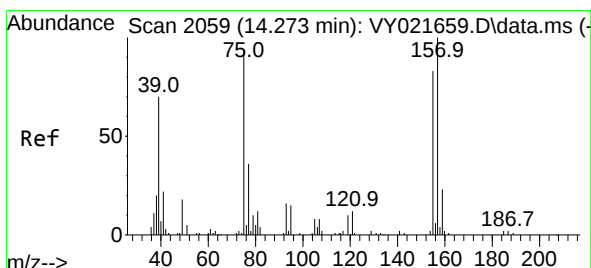
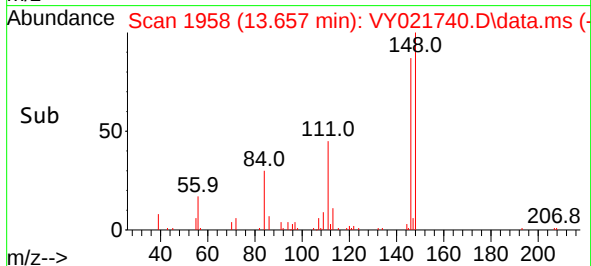
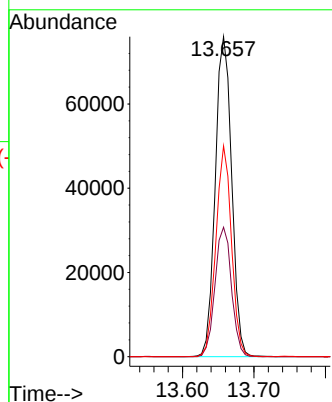
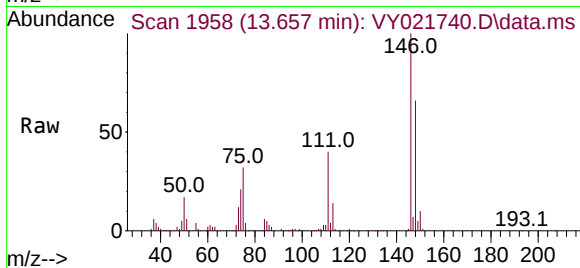
Tgt Ion:146 Resp: 120864

Ion Ratio Lower Upper

146 100

111 40.7 20.7 62.1

148 62.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.322 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

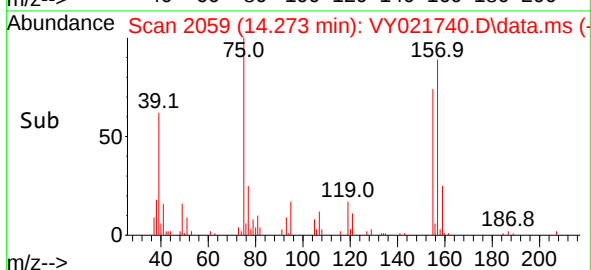
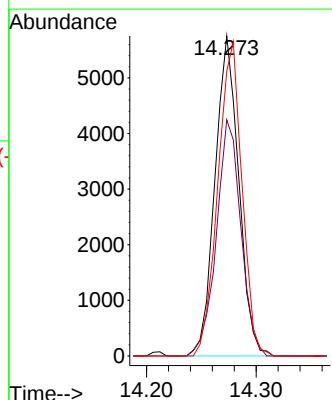
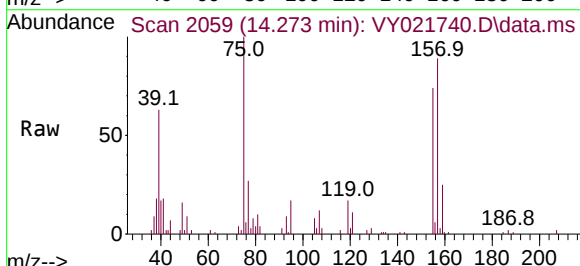
Tgt Ion: 75 Resp: 8654

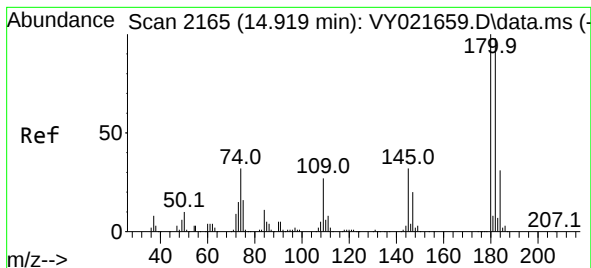
Ion Ratio Lower Upper

75 100

155 76.0 43.0 128.8

157 99.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 40.936 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

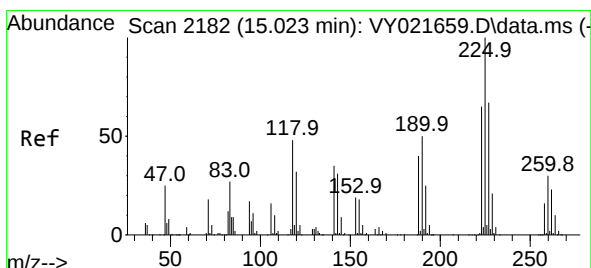
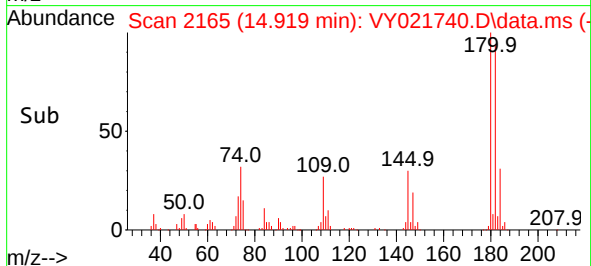
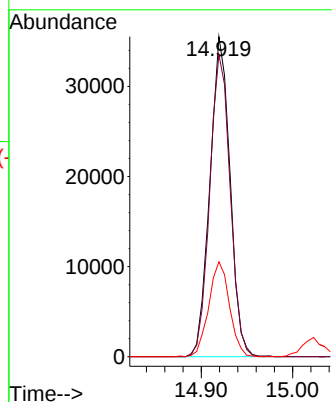
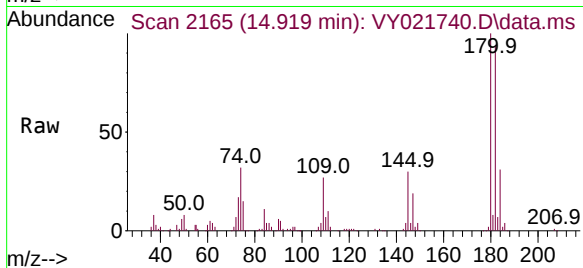
Tgt Ion:180 Resp: 54259

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 30.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 37.442 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

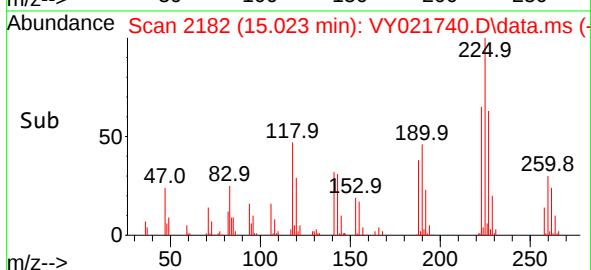
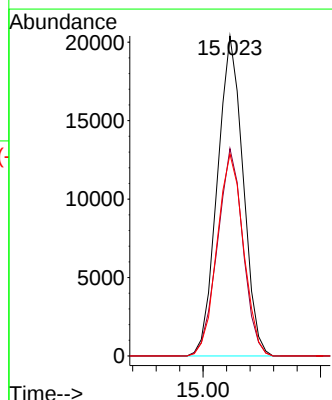
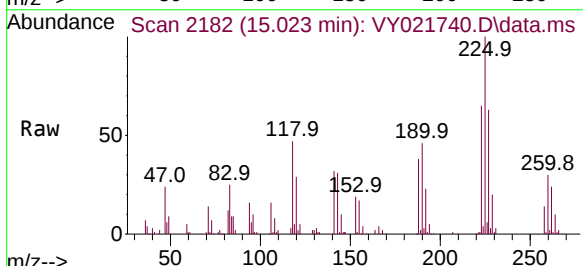
Tgt Ion:225 Resp: 30994

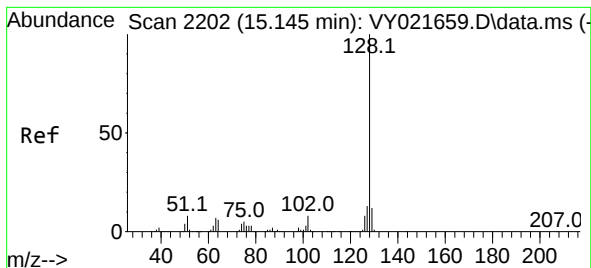
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 64.6 32.4 97.0





#95

Naphthalene

Concen: 40.808 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

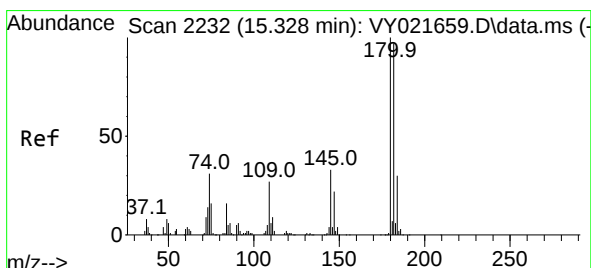
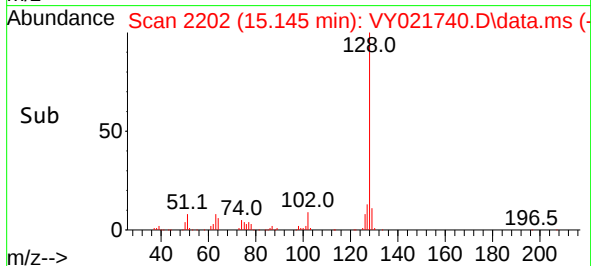
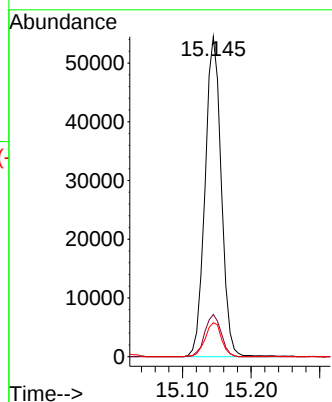
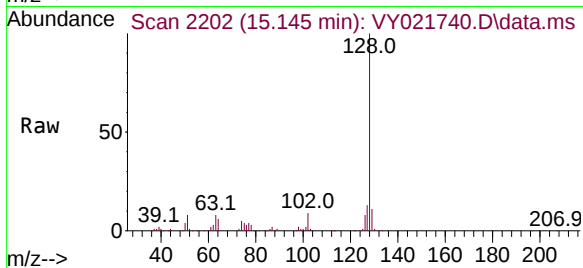
Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MS

Tgt Ion:128	Resp:	89655
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.8 16.2
129	10.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 42.060 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021740.D

Acq: 01 Apr 2025 14:42

Tgt Ion:180	Resp:	47540
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.5 142.5
145	31.5	15.9 47.7

