

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021741.D
 Acq On : 01 Apr 2025 15:05
 Operator : SY/MD
 Sample : Q1664-03MSD
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 02 03:23:56 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	194285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	349081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	308067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	151305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112639	53.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.020%	
35) Dibromofluoromethane	7.634	113	109405	48.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.620%	
50) Toluene-d8	10.103	98	406751	47.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.440%	
62) 4-Bromofluorobenzene	12.402	95	137827	47.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	116035	57.622	ug/l	99
3) Chloromethane	2.068	50	156933	55.423	ug/l	98
4) Vinyl Chloride	2.202	62	181195	56.584	ug/l	97
5) Bromomethane	2.592	94	116364	53.279	ug/l	96
6) Chloroethane	2.733	64	114828	54.800	ug/l	98
7) Trichlorofluoromethane	3.056	101	233321	56.878	ug/l	96
8) Diethyl Ether	3.452	74	60435	54.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	124341	57.471	ug/l	99
10) Methyl Iodide	4.001	142	144734	60.978	ug/l	100
11) Tert butyl alcohol	4.854	59	35480	259.496	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	118345	58.073	ug/l	96
13) Acrolein	3.647	56	4482	17.953	ug/l	95
14) Allyl chloride	4.385	41	174782	53.792	ug/l	100
15) Acrylonitrile	5.055	53	120818	259.386	ug/l	100
16) Acetone	3.860	43	134290	311.711	ug/l	96
17) Carbon Disulfide	4.104	76	383214	57.093	ug/l	99
18) Methyl Acetate	4.379	43	199199	186.563	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	281598	55.503	ug/l	99
20) Methylene Chloride	4.610	84	147141	71.458	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	132020	58.839	ug/l	97
22) Diisopropyl ether	6.019	45	373043	54.731	ug/l	94
23) Vinyl Acetate	5.958	43	78374	19.656	ug/l	100
24) 1,1-Dichloroethane	5.915	63	236951	58.139	ug/l	99
25) 2-Butanone	6.890	43	170572	277.201	ug/l	100
26) 2,2-Dichloropropane	6.884	77	196673	54.249	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	148167	58.720	ug/l	98
28) Bromochloromethane	7.244	49	92982	54.096	ug/l	99
29) Tetrahydrofuran	7.262	42	104216	263.155	ug/l	98
30) Chloroform	7.415	83	247410	58.364	ug/l	99
31) Cyclohexane	7.701	56	207124	55.750	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	222652	58.114	ug/l	99
36) 1,1-Dichloropropene	7.835	75	177196	51.375	ug/l	99
37) Ethyl Acetate	6.982	43	31137	19.129	ug/l #	80
38) Carbon Tetrachloride	7.817	117	203864	51.606	ug/l	99
39) Methylcyclohexane	9.110	83	212447	51.561	ug/l	98
40) Benzene	8.079	78	521100	50.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	98804	114.296	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	143535	49.292	ug/l	100
43) Isopropyl Acetate	8.195	43	86642	28.087	ug/l	98
44) Trichloroethene	8.866	130	137034	52.069	ug/l	99
45) 1,2-Dichloropropane	9.140	63	125368	51.276	ug/l	99
46) Dibromomethane	9.231	93	70046	49.710	ug/l	98
47) Bromodichloromethane	9.420	83	186422	51.058	ug/l	98
48) Methyl methacrylate	9.219	41	87268	61.640	ug/l	97
49) 1,4-Dioxane	9.225	88	14439	956.541	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	376542	234.563	ug/l	100
52) Toluene	10.170	92	332355	51.572	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	163499	50.414	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	193616	50.606	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	90185	49.734	ug/l	98
56) Ethyl methacrylate	10.439	69	73999	31.959	ug/l	96
57) 1,3-Dichloropropane	10.713	76	158074	50.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	287965	254.940	ug/l	99
59) 2-Hexanone	10.762	43	239228	223.766	ug/l	100
60) Dibromochloromethane	10.908	129	126183	50.967	ug/l	99
61) 1,2-Dibromoethane	11.012	107	85276	50.131	ug/l	99
64) Tetrachloroethene	10.646	164	175448	62.531	ug/l	98
65) Chlorobenzene	11.438	112	356866	50.534	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	129041	51.502	ug/l	99
67) Ethyl Benzene	11.518	91	631608	52.157	ug/l	100
68) m/p-Xylenes	11.627	106	482187	103.984	ug/l	99
69) o-Xylene	11.950	106	225429	52.665	ug/l	99
70) Styrene	11.969	104	379194	53.132	ug/l	99
71) Bromoform	12.133	173	71608	50.103	ug/l #	99
73) Isopropylbenzene	12.255	105	580448	51.650	ug/l	100
74) N-amyl acetate	12.066	43	11036	4.184	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	92979	46.018	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	129930	86.630	ug/l #	100
77) Bromobenzene	12.530	156	140081	51.916	ug/l	97
78) n-propylbenzene	12.591	91	700397	51.840	ug/l	99
79) 2-Chlorotoluene	12.676	91	404344	51.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	472320	51.425	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30305	46.557	ug/l	98
82) 4-Chlorotoluene	12.773	91	416429	50.901	ug/l	100
83) tert-Butylbenzene	12.999	119	411026	50.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	464906	51.214	ug/l	99
85) sec-Butylbenzene	13.176	105	587776	49.164	ug/l	100
86) p-Isopropyltoluene	13.292	119	481125	48.691	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	263656	49.596	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	257857	49.095	ug/l	99
89) n-Butylbenzene	13.615	91	400506	43.827	ug/l	100
90) Hexachloroethane	13.877	117	100941	46.617	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	229212	49.531	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14469	46.204	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	106551	42.458	ug/l	98
94) Hexachlorobutadiene	15.023	225	46570	29.714	ug/l	98
95) Naphthalene	15.145	128	182405	43.851	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	90048	42.078	ug/l	100

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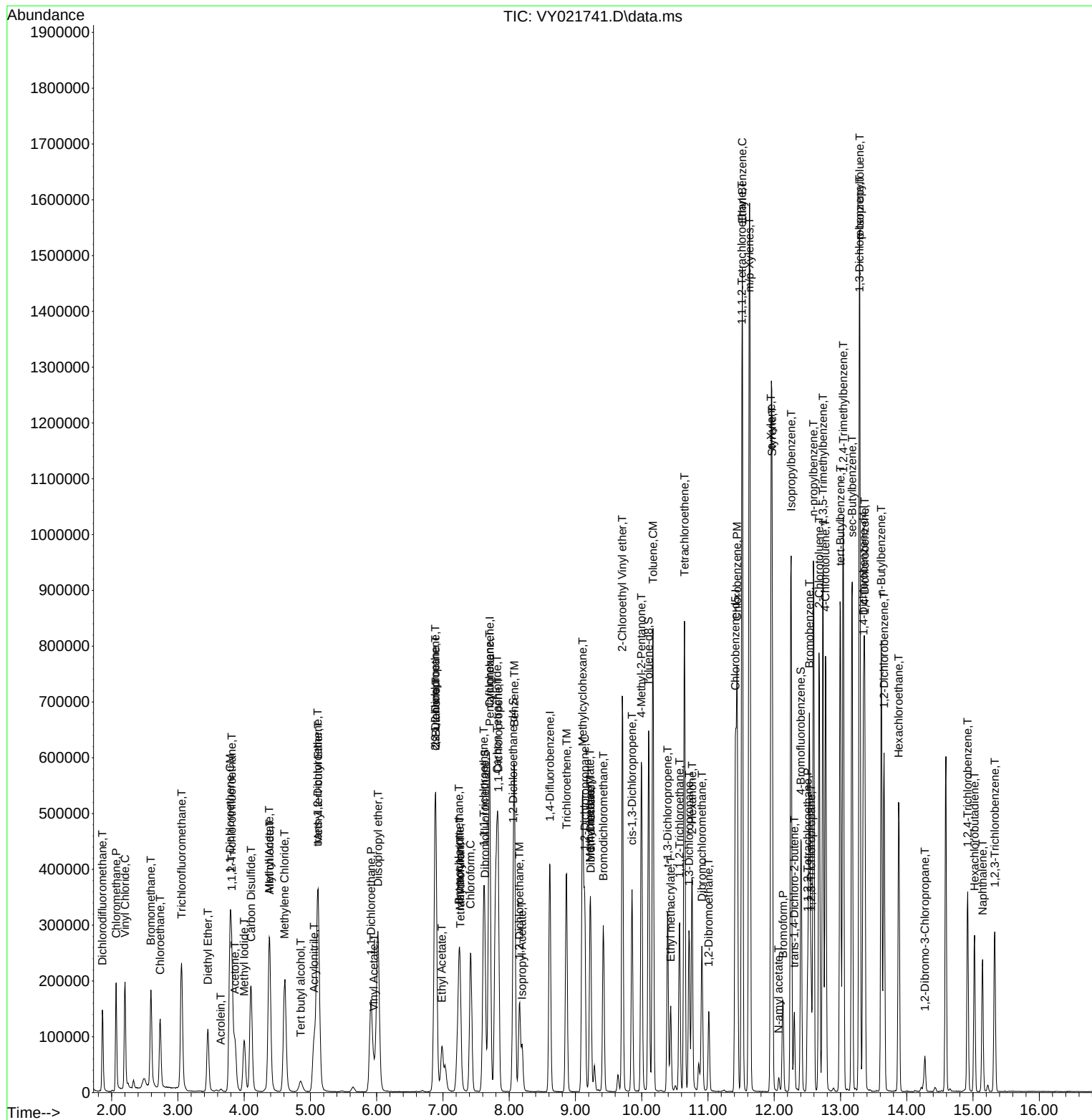
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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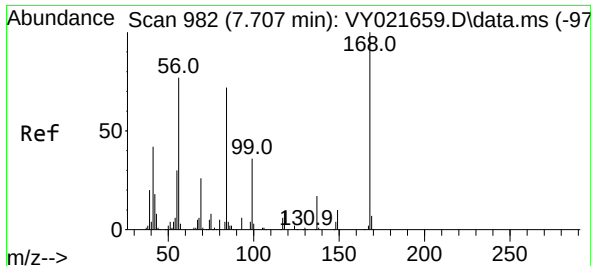
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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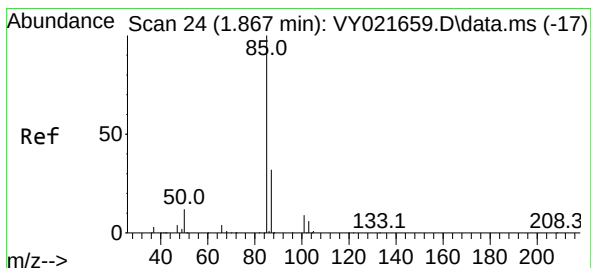
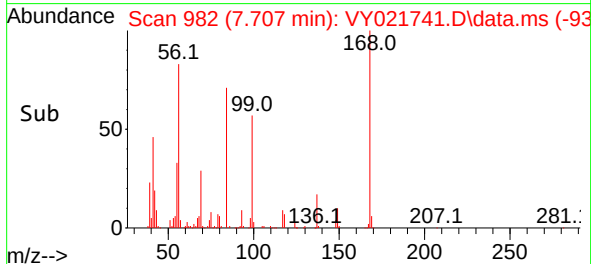
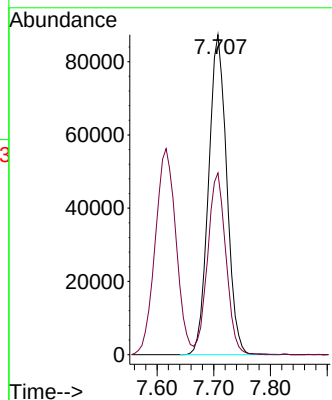
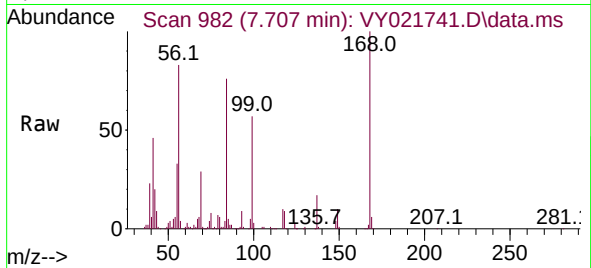




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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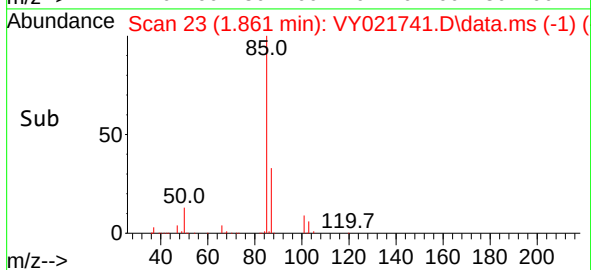
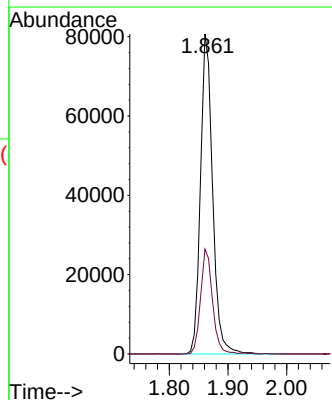
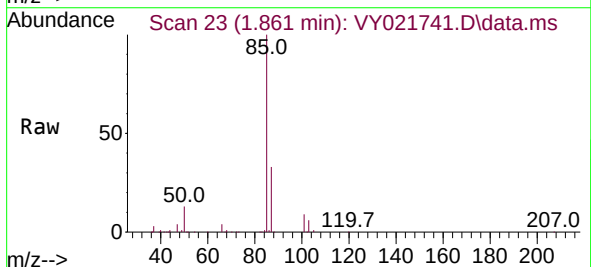
Instrument :
MSVOA_Y
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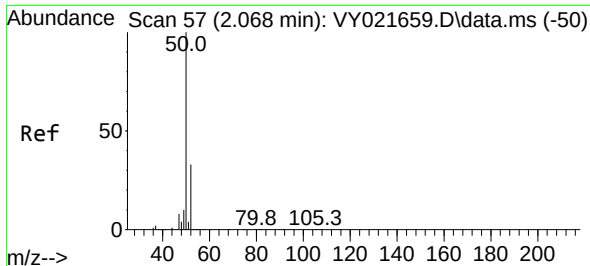
Tgt Ion:168 Resp: 194285
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 57.622 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 85 Resp: 116035
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6

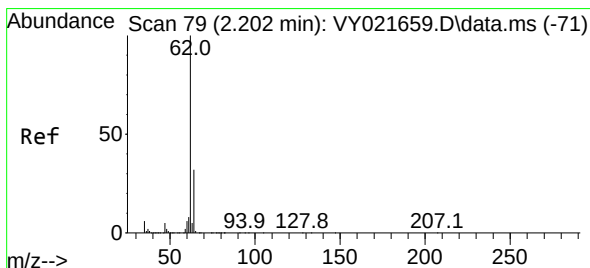
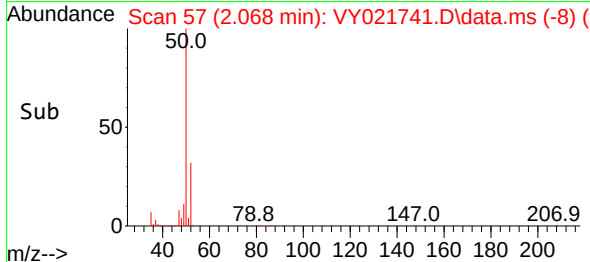
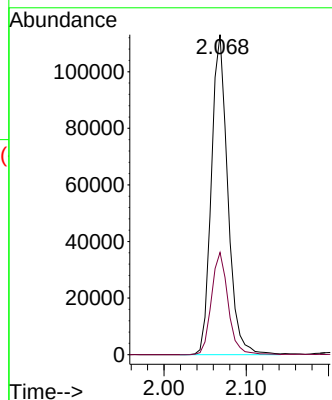
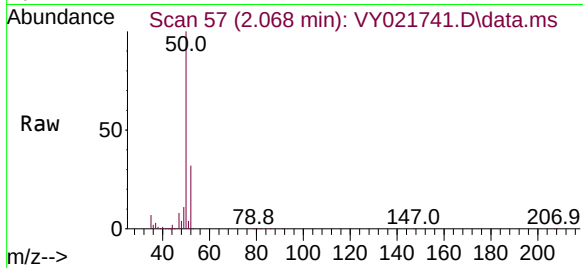




#3
Chloromethane
Concen: 55.423 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

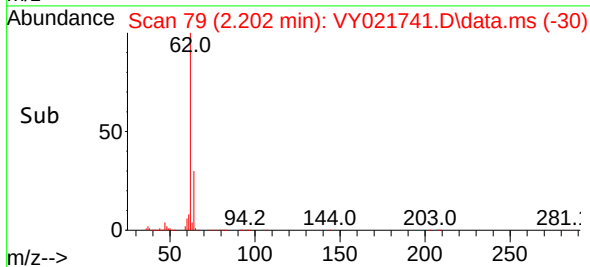
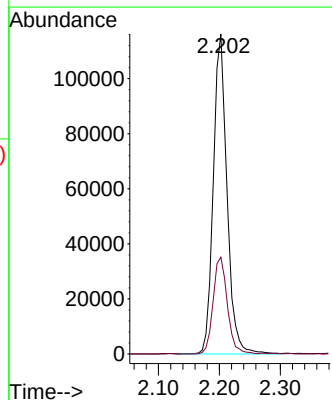
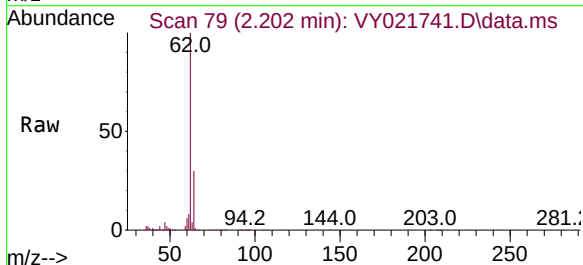
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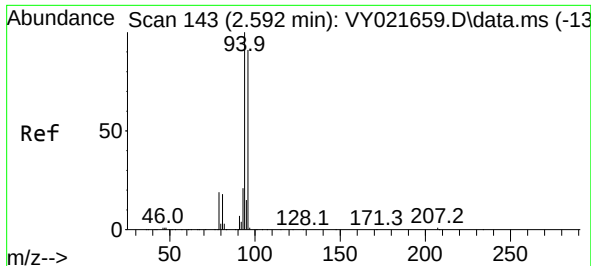
Tgt Ion: 50 Resp: 156933
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 56.584 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 62 Resp: 181195
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3

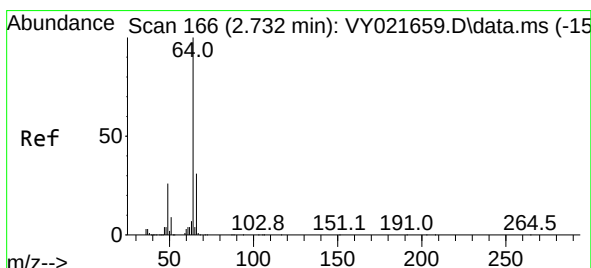
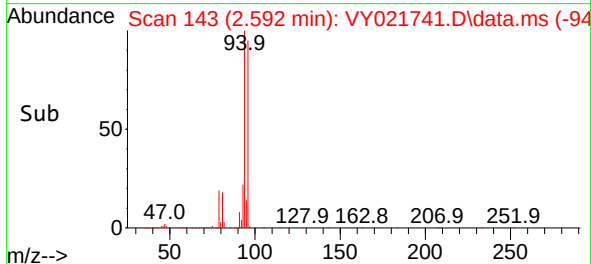
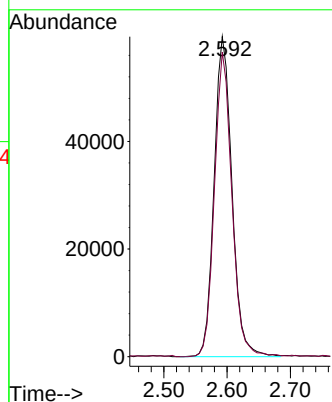
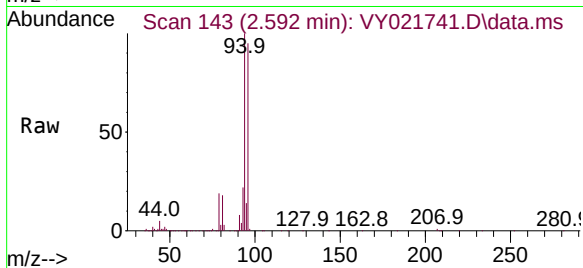




#5
Bromomethane
Concen: 53.279 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021741.D
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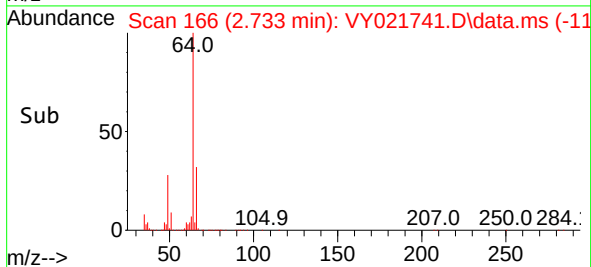
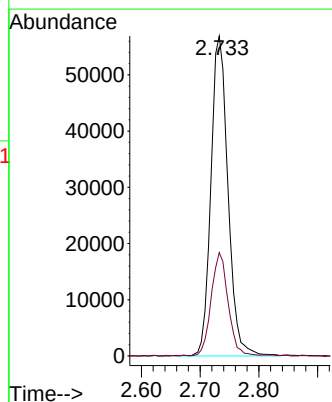
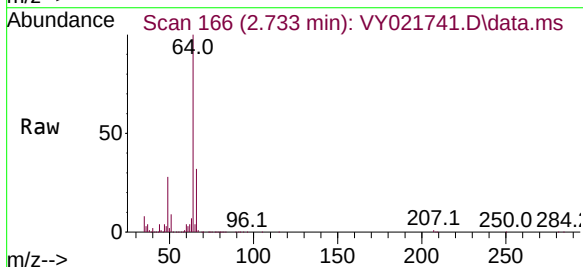
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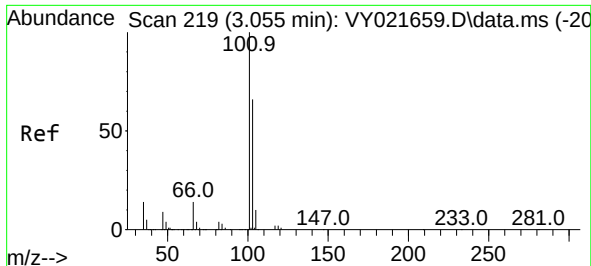
Tgt Ion: 94 Resp: 116364
Ion Ratio Lower Upper
94 100
96 95.2 72.8 109.2



#6
Chloroethane
Concen: 54.800 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 114828
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3

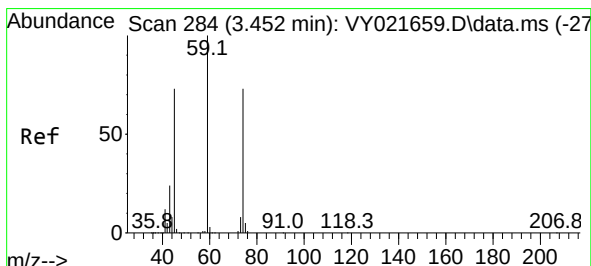
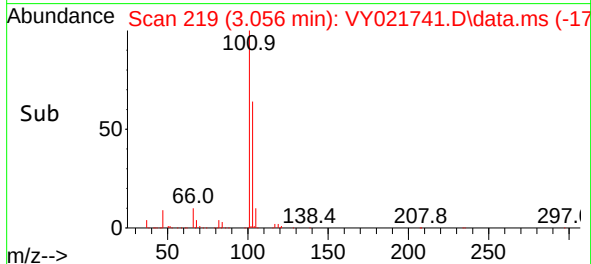
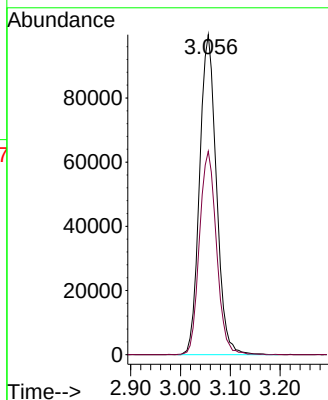
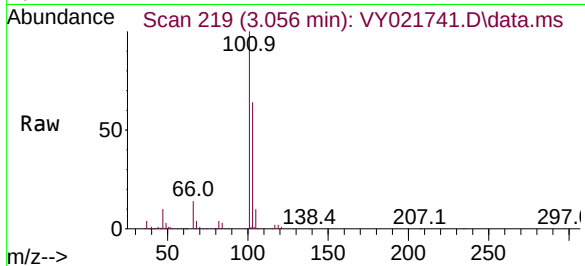




#7
 Trichlorofluoromethane
 Concen: 56.878 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

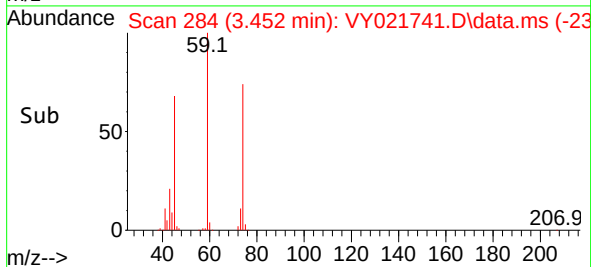
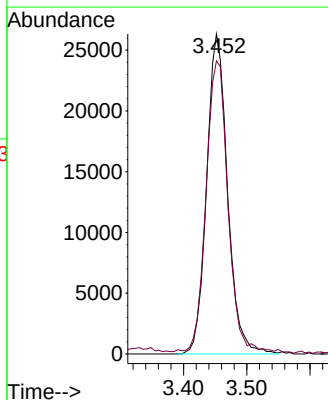
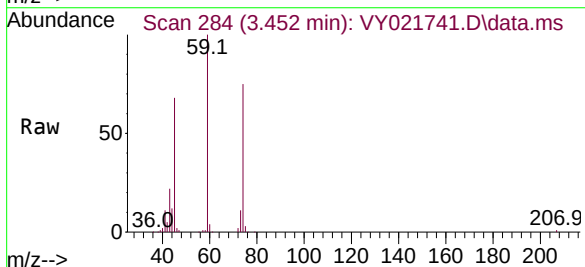
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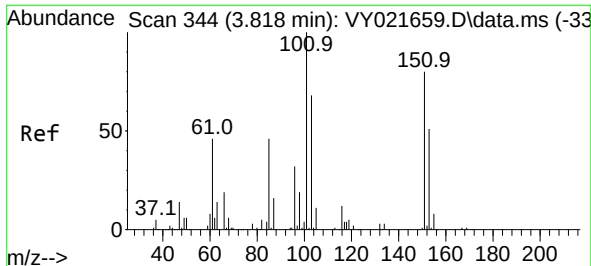
Tgt Ion:101 Resp: 233321
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 54.175 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 60435
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.6 145.8

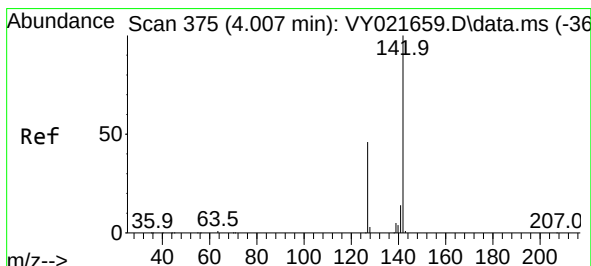
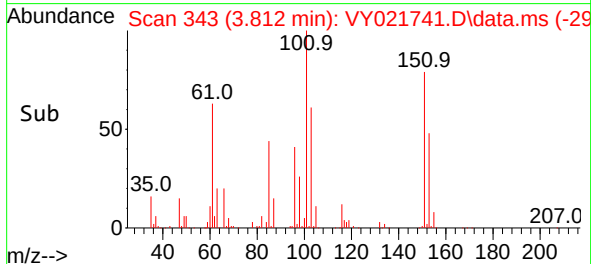
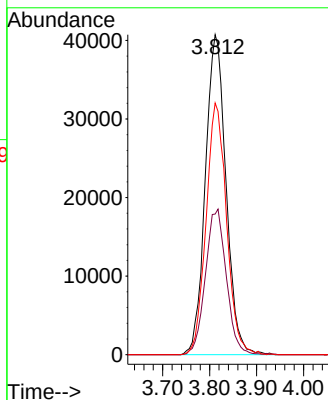
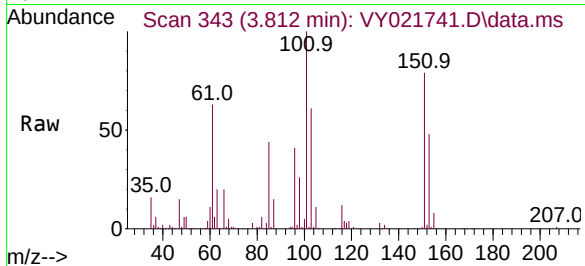




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.471 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

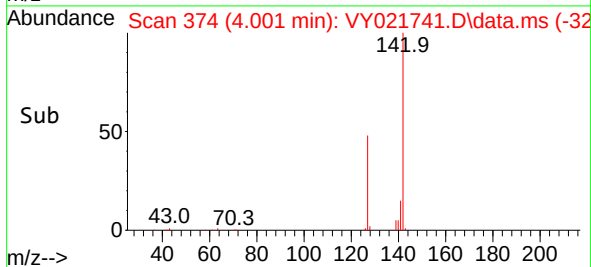
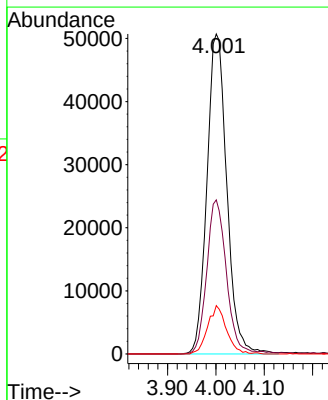
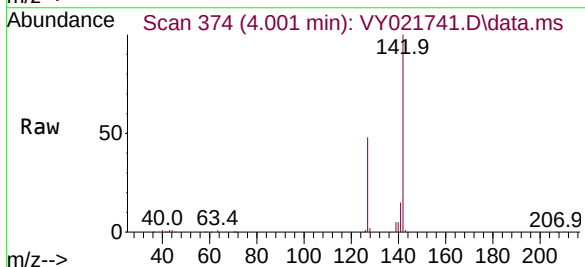
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

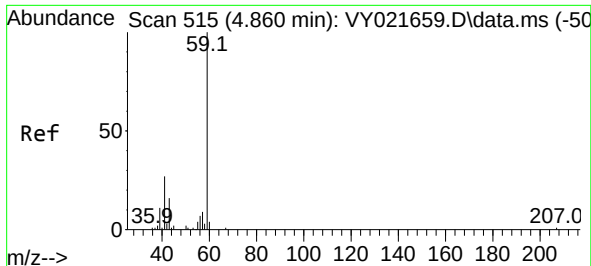
Tgt Ion:101 Resp: 124341
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 78.1 61.3 91.9



#10
Methyl Iodide
Concen: 60.978 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion:142 Resp: 144734
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 14.2 11.5 17.3

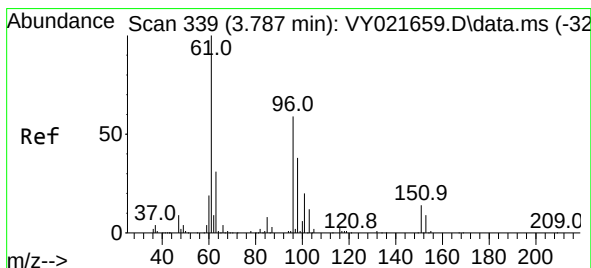
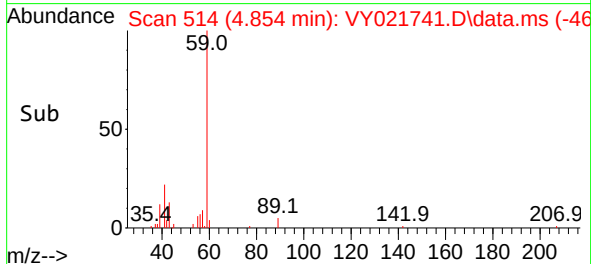
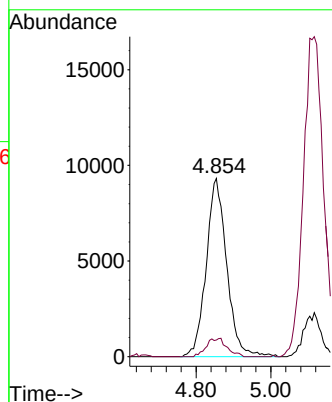
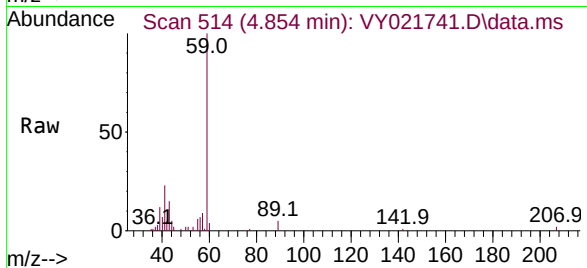




#11
Tert butyl alcohol
Concen: 259.496 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

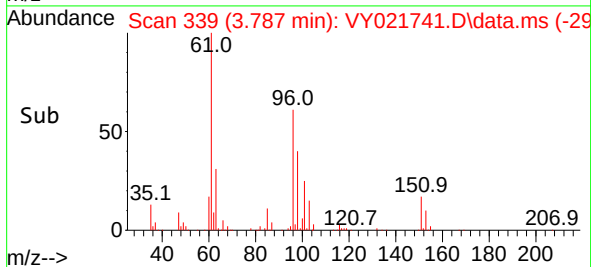
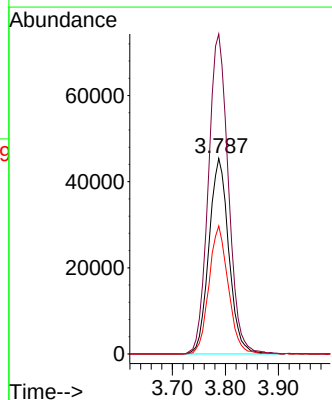
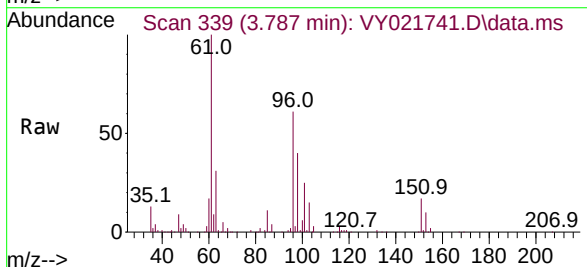
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

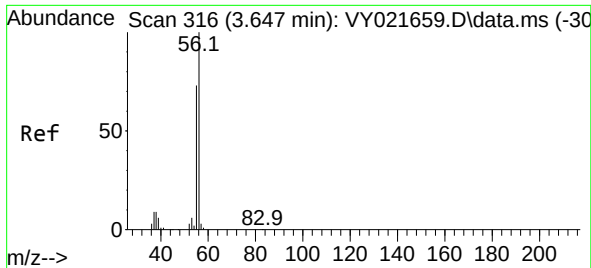
Tgt Ion: 59 Resp: 35480
Ion Ratio Lower Upper
59 100
57 4.5 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 58.073 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 96 Resp: 118345
Ion Ratio Lower Upper
96 100
61 163.6 136.6 204.8
98 65.4 52.3 78.5

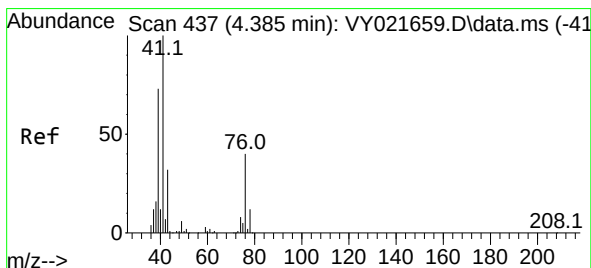
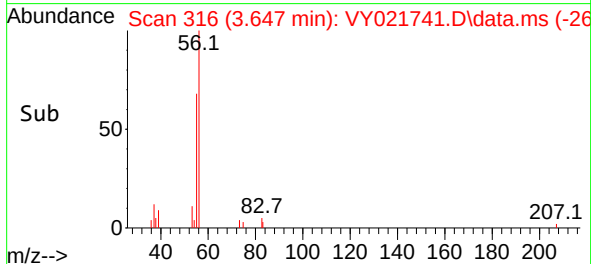
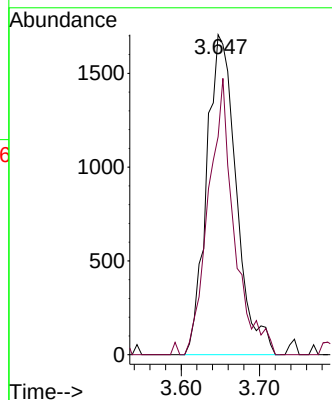
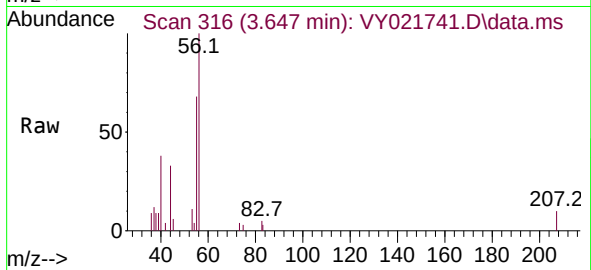




#13
Acrolein
Concen: 17.953 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

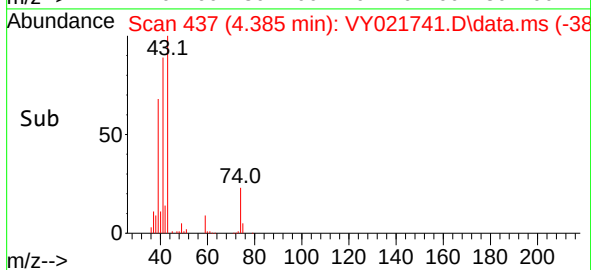
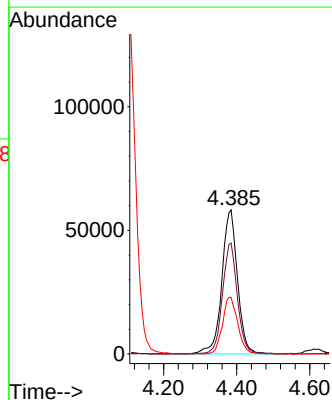
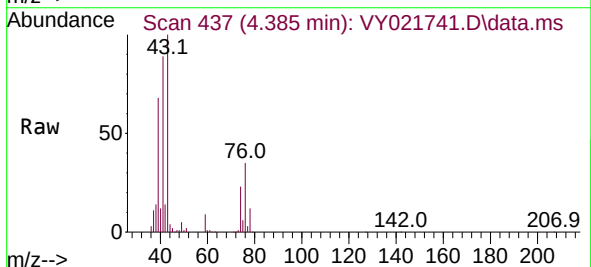
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

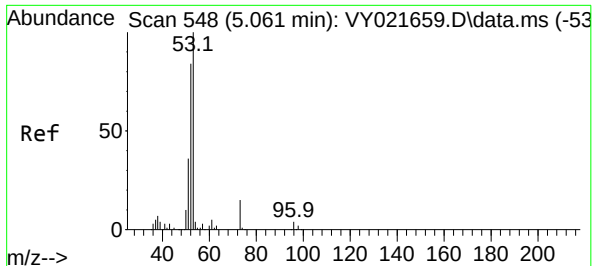
Tgt Ion: 56 Resp: 4482
Ion Ratio Lower Upper
56 100
55 75.1 56.6 85.0



#14
Allyl chloride
Concen: 53.792 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 41 Resp: 174782
Ion Ratio Lower Upper
41 100
39 73.2 58.6 88.0
76 38.2 30.3 45.5

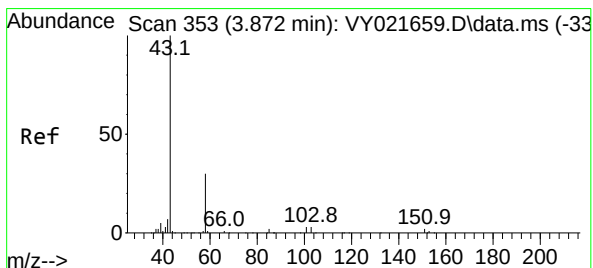
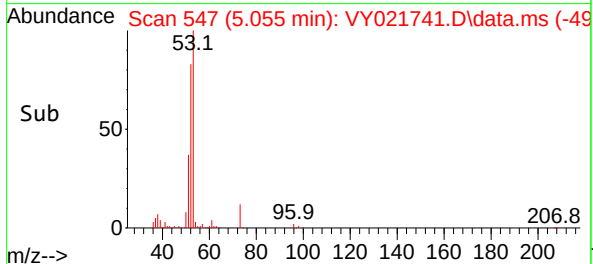
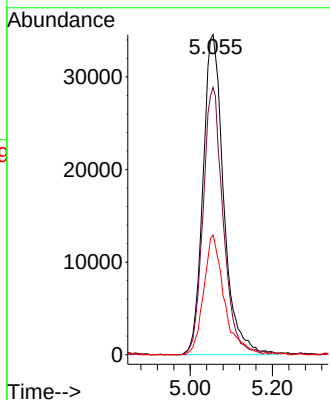
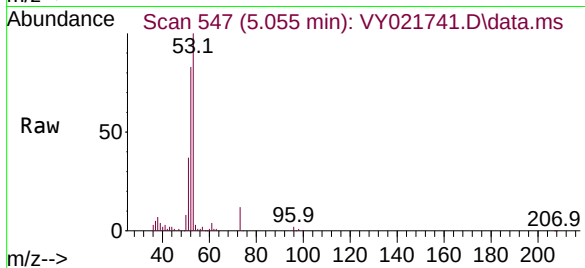




#15
Acrylonitrile
Concen: 259.386 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

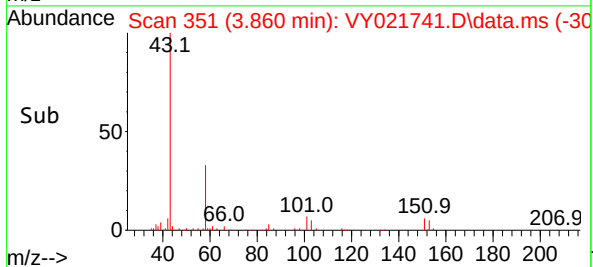
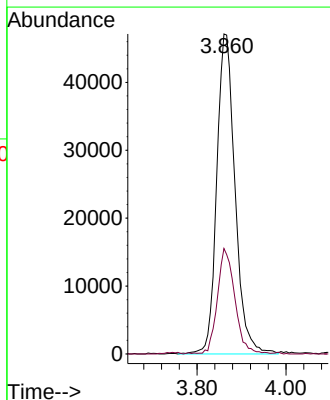
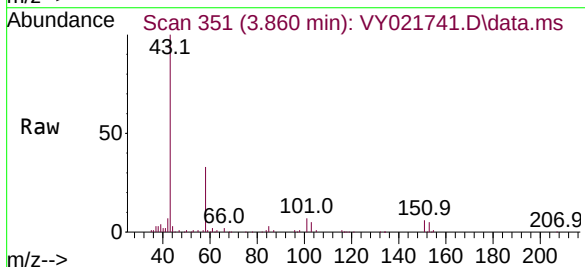
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

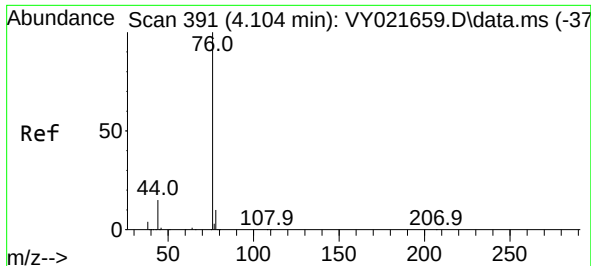
Tgt Ion: 53 Resp: 120818
Ion Ratio Lower Upper
53 100
52 80.8 64.9 97.3
51 37.2 30.2 45.2



#16
Acetone
Concen: 311.711 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 43 Resp: 134290
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4

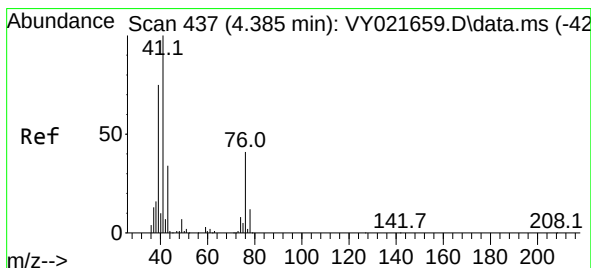
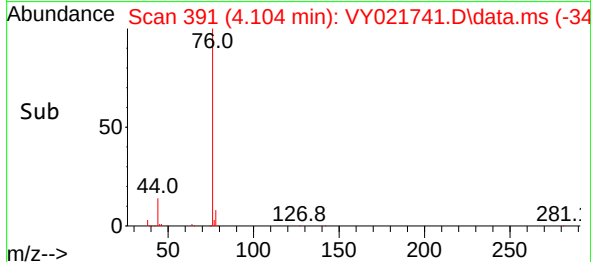
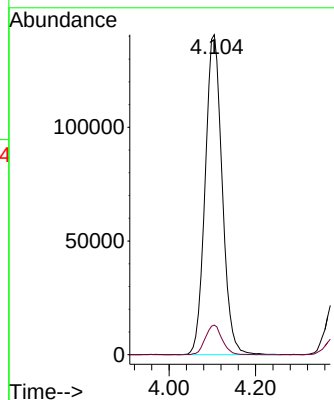
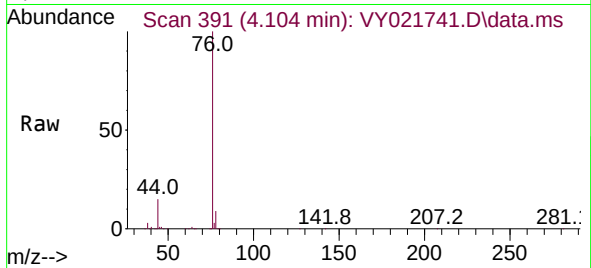




#17
Carbon Disulfide
Concen: 57.093 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

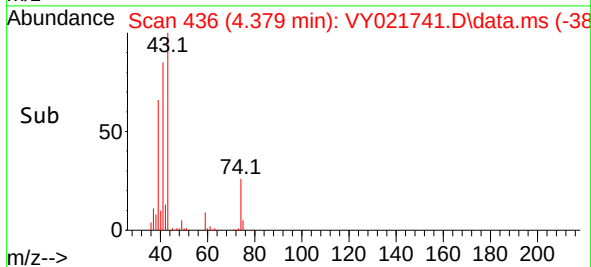
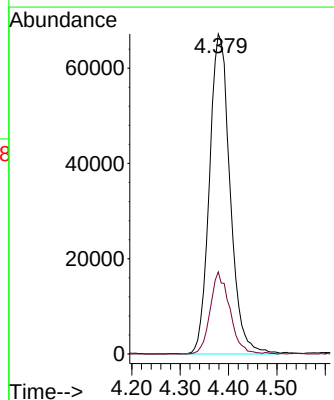
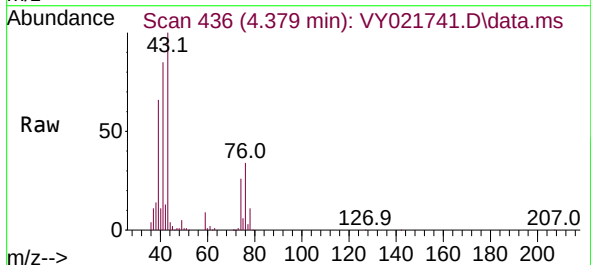
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

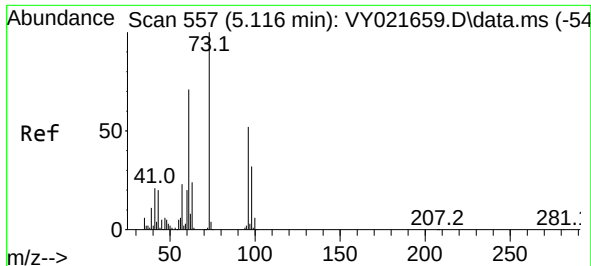
Tgt Ion: 76 Resp: 383214
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 186.563 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 43 Resp: 199199
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 55.503 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

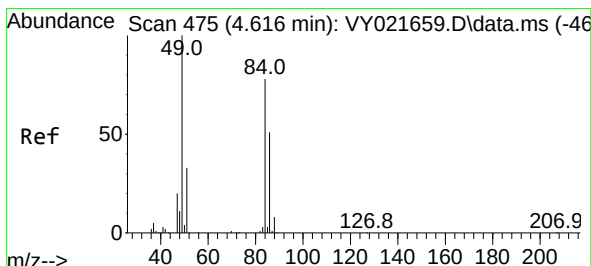
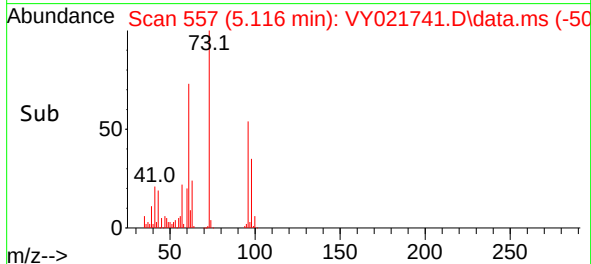
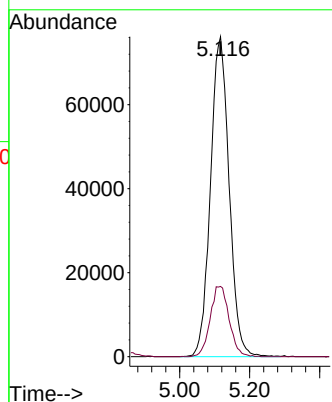
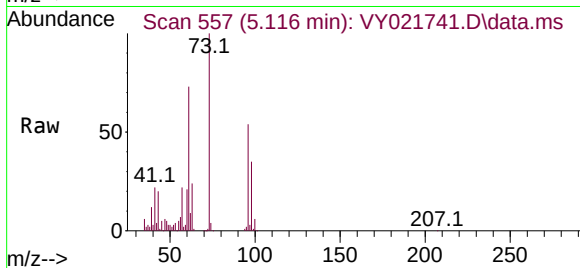
P001-BBDGA-001-01MSD

Tgt Ion: 73 Resp: 281598

Ion Ratio Lower Upper

73 100

57 22.0 18.1 27.1



#20

Methylene Chloride

Concen: 71.458 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Tgt Ion: 84 Resp: 147141

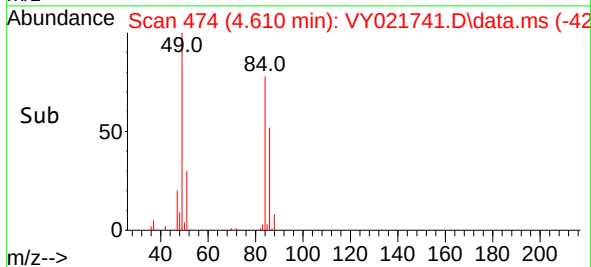
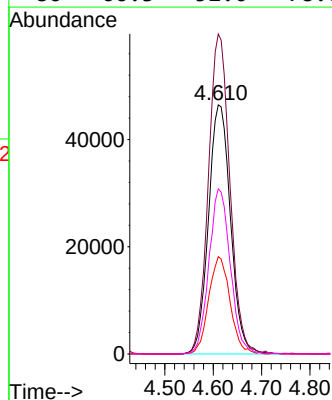
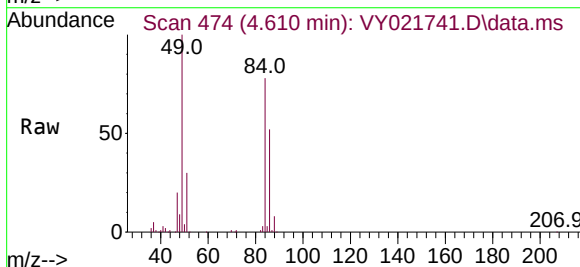
Ion Ratio Lower Upper

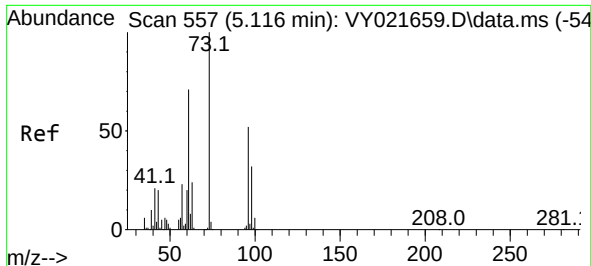
84 100

49 128.4 102.8 154.2

51 39.0 33.5 50.3

86 66.3 52.0 78.0

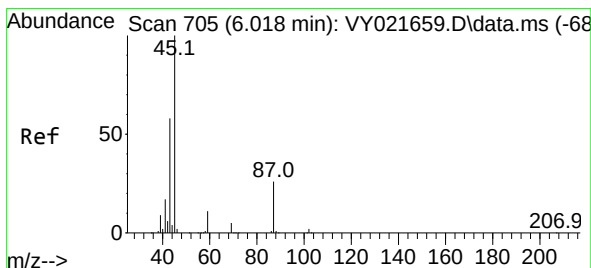
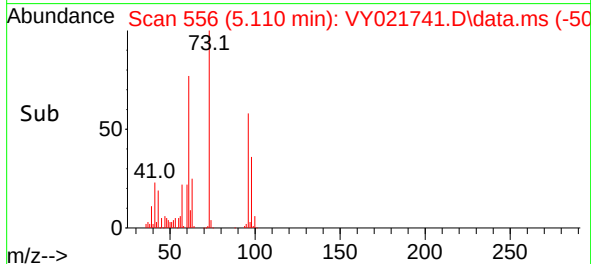
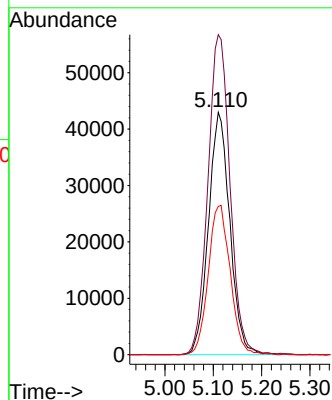
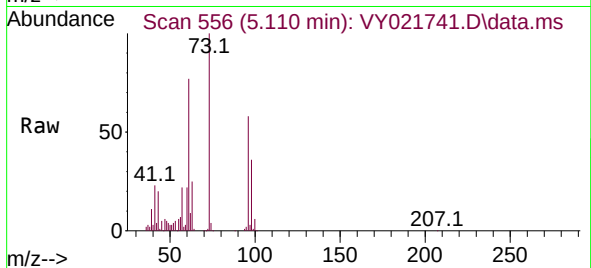




#21
trans-1,2-Dichloroethene
Concen: 58.839 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

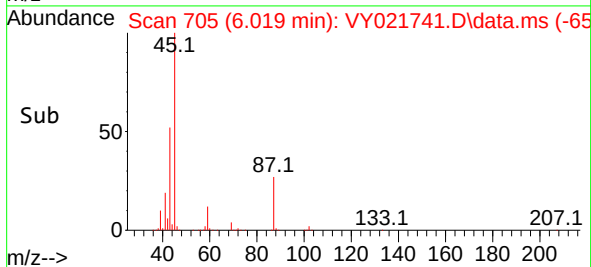
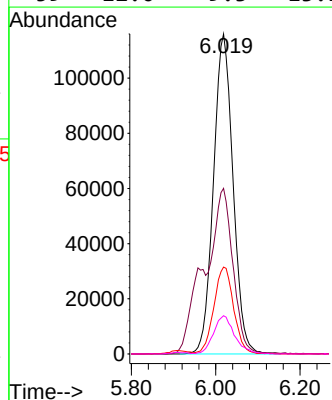
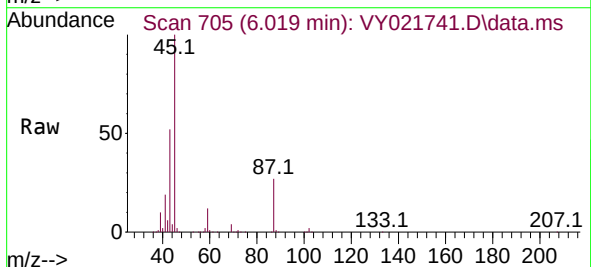
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

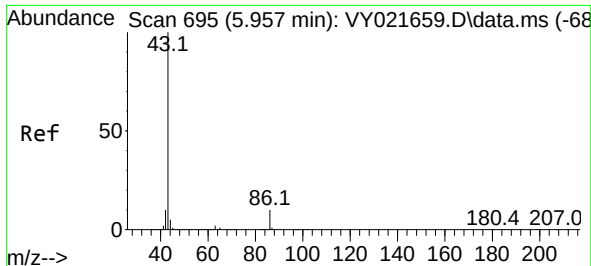
Tgt Ion: 96 Resp: 132020
Ion Ratio Lower Upper
96 100
61 132.0 109.4 164.0
98 61.2 50.2 75.2



#22
Diisopropyl ether
Concen: 54.731 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 45 Resp: 373043
Ion Ratio Lower Upper
45 100
43 51.5 46.6 69.8
87 27.1 20.7 31.1
59 12.0 9.3 13.9

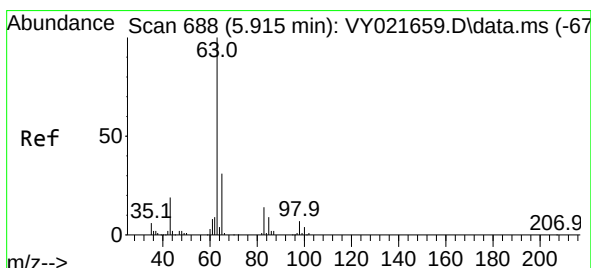
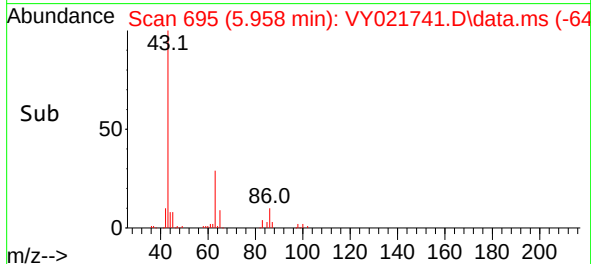
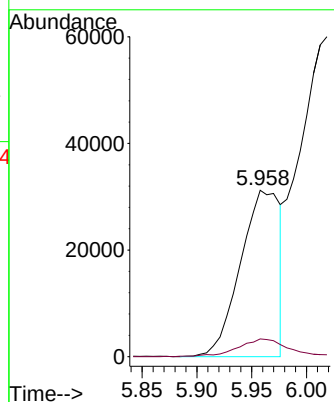
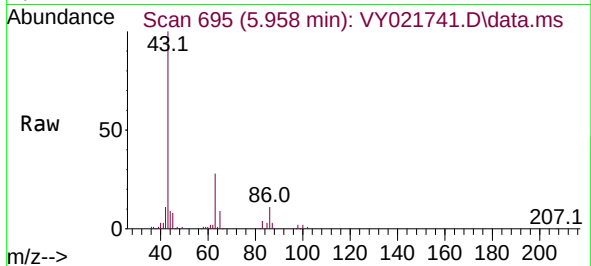




#23
 Vinyl Acetate
 Concen: 19.656 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

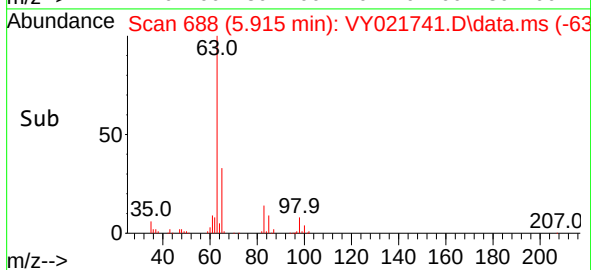
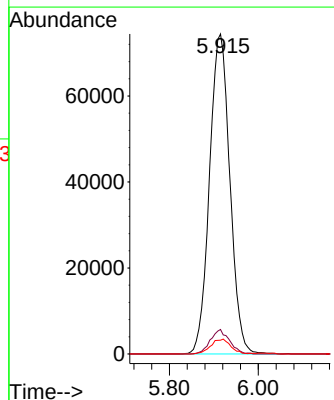
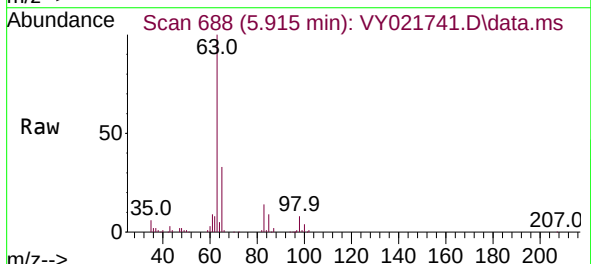
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MSD

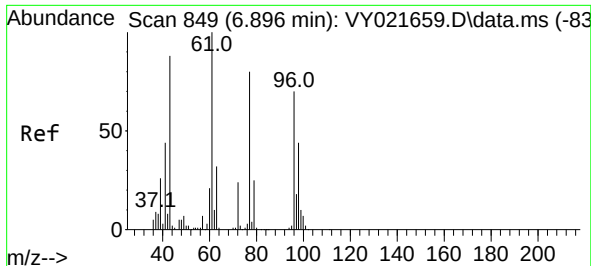
Tgt Ion: 43 Resp: 78374
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 58.139 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

Tgt Ion: 63 Resp: 236951
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.3 2.2 6.6

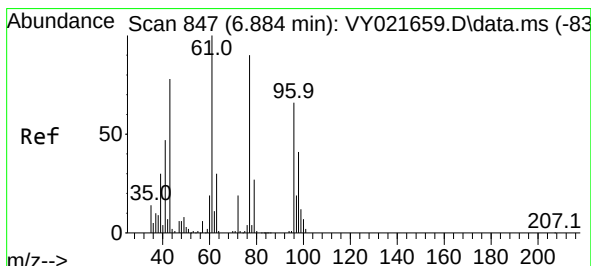
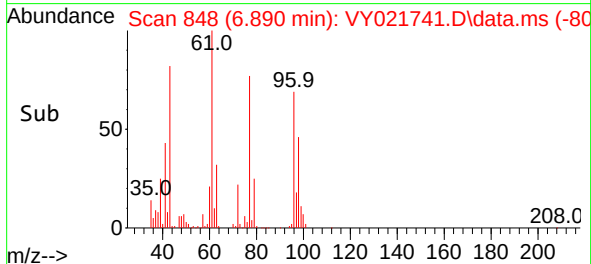
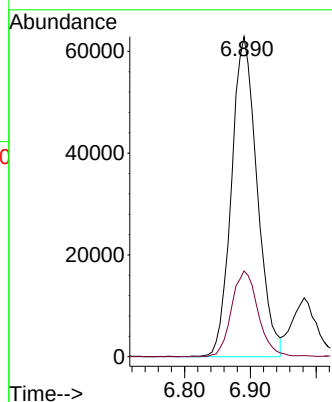
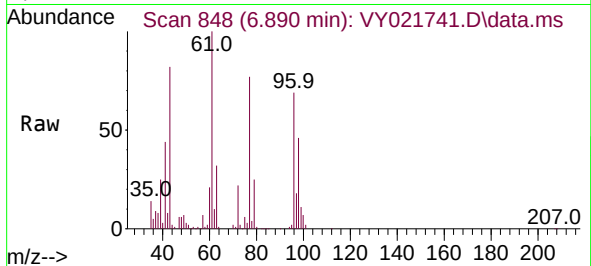




#25
2-Butanone
Concen: 277.201 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

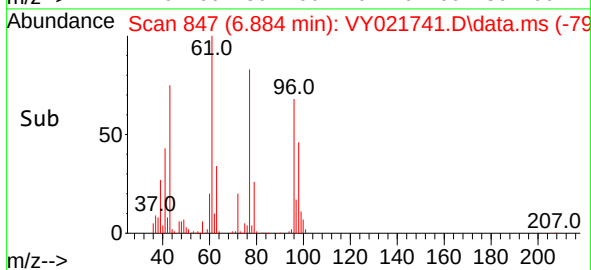
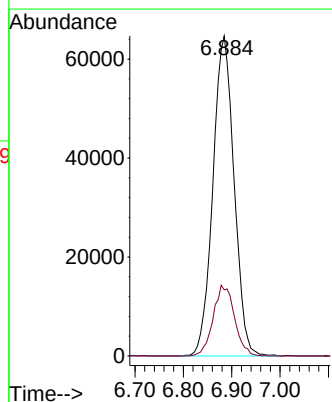
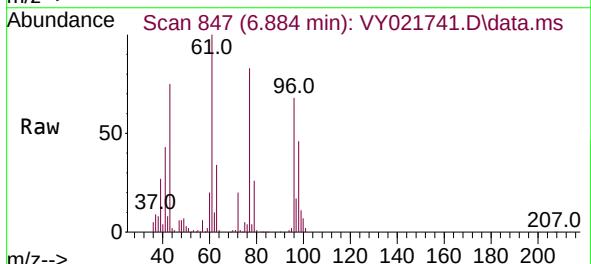
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

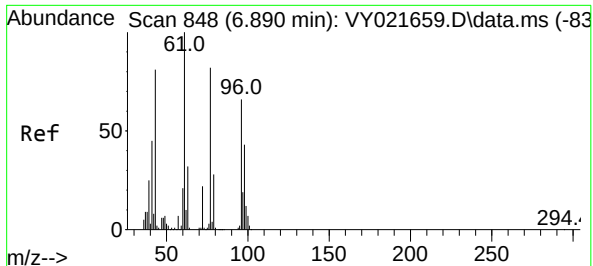
Tgt Ion: 43 Resp: 170572
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.249 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 77 Resp: 196673
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 58.720 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

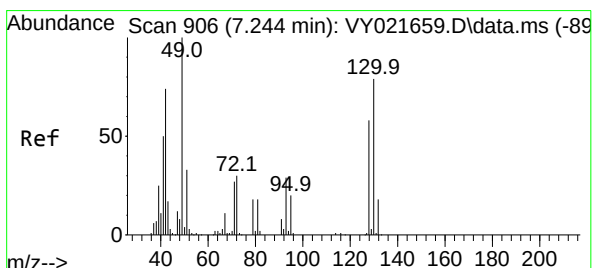
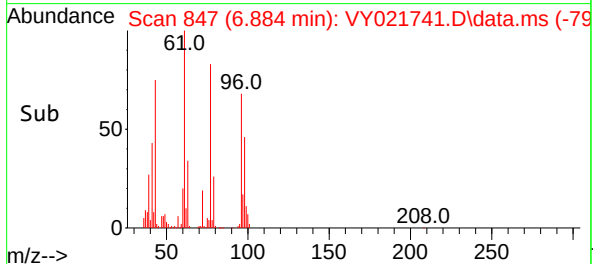
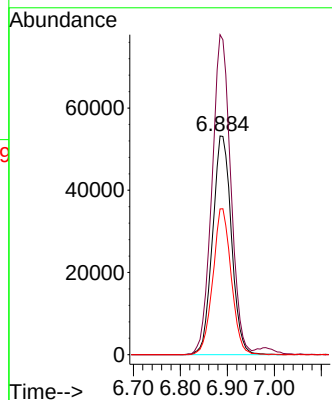
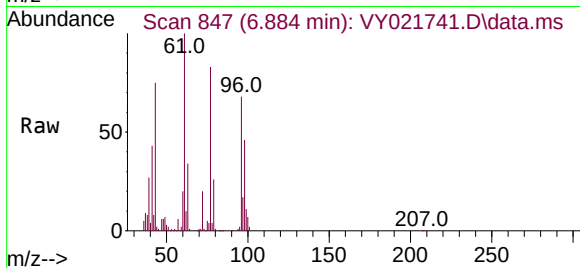
Tgt Ion: 96 Resp: 148167

Ion Ratio Lower Upper

96 100

61 145.9 0.0 296.4

98 65.1 0.0 128.0



#28

Bromochloromethane

Concen: 54.096 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

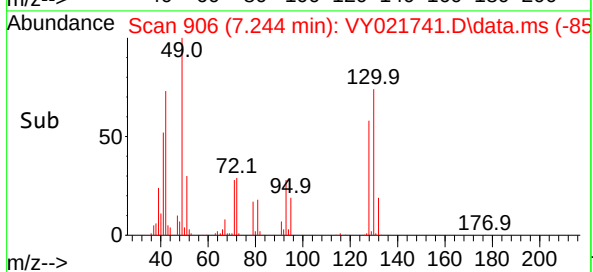
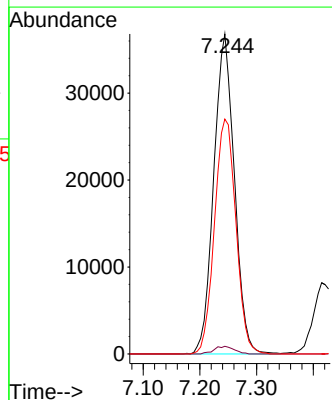
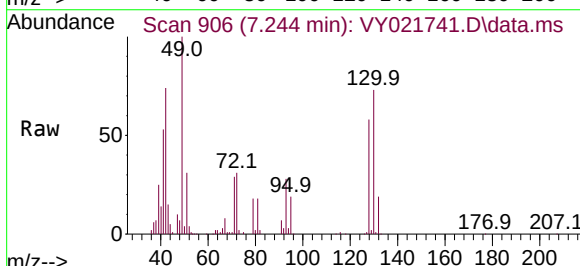
Tgt Ion: 49 Resp: 92982

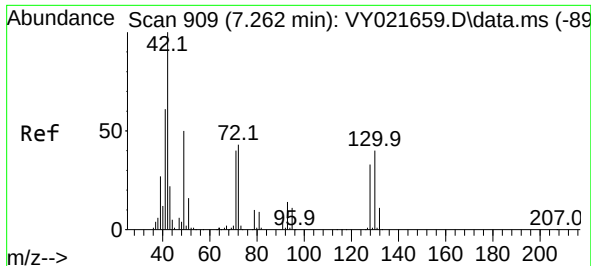
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 263.155 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

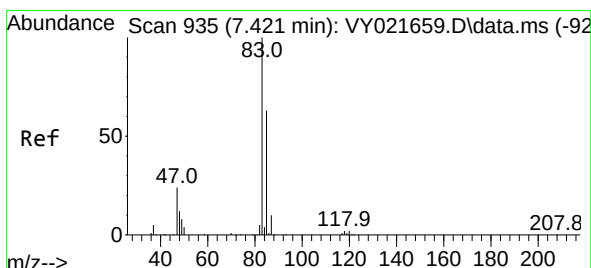
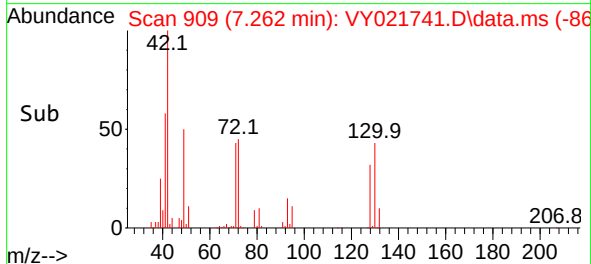
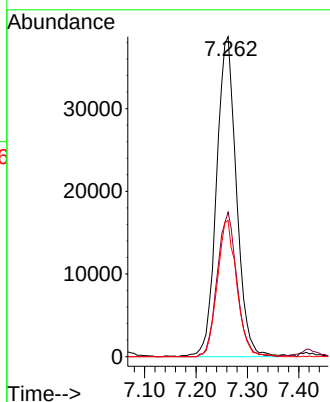
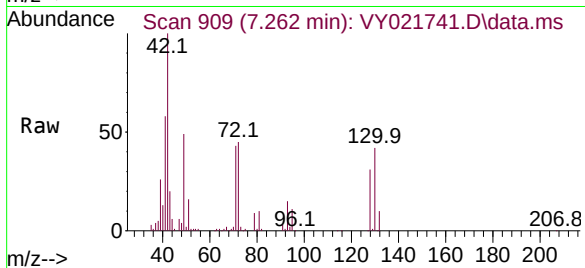
Tgt Ion: 42 Resp: 104216

Ion Ratio Lower Upper

42 100

72 44.6 34.6 52.0

71 41.7 32.5 48.7



#30

Chloroform

Concen: 58.364 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021741.D

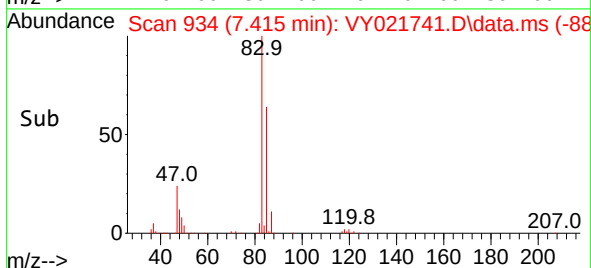
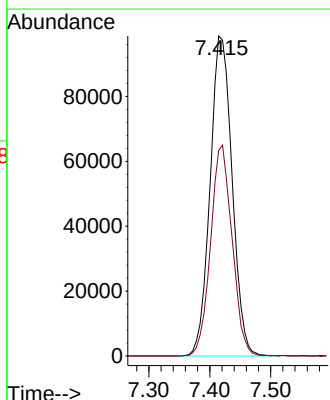
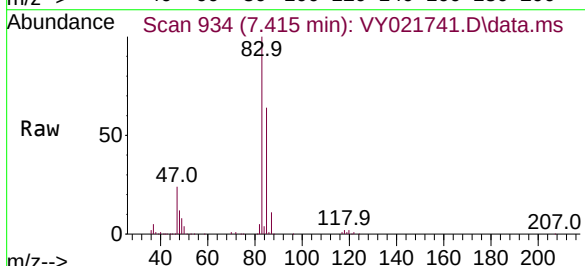
Acq: 01 Apr 2025 15:05

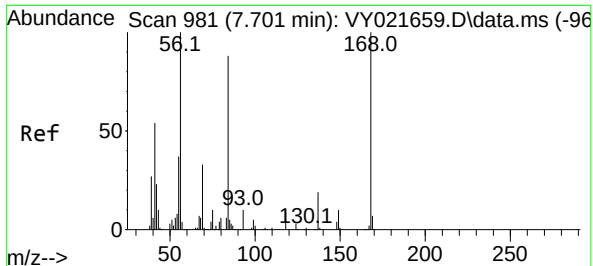
Tgt Ion: 83 Resp: 247410

Ion Ratio Lower Upper

83 100

85 64.3 50.6 75.8

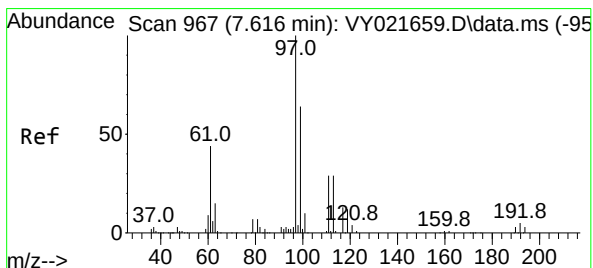
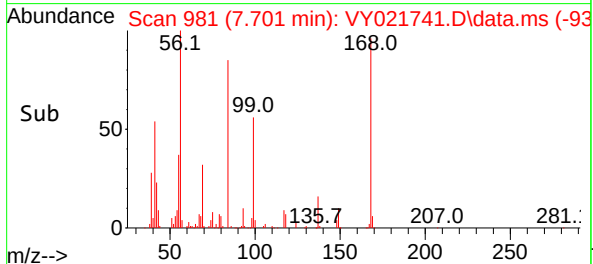
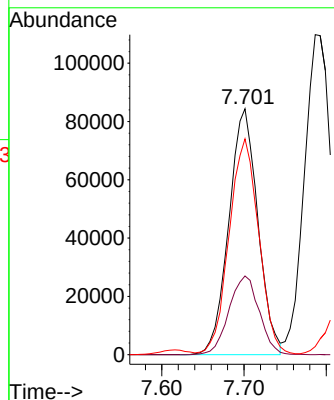
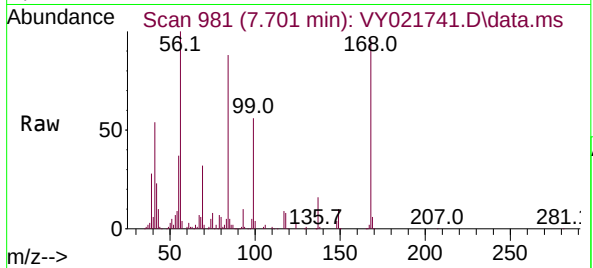




#31
Cyclohexane
Concen: 55.750 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

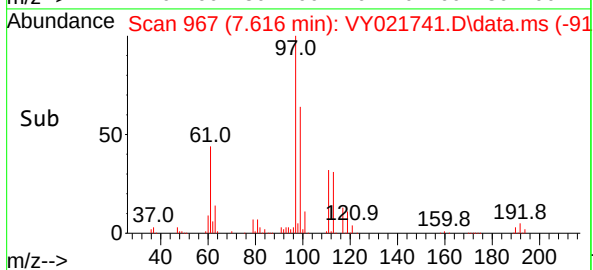
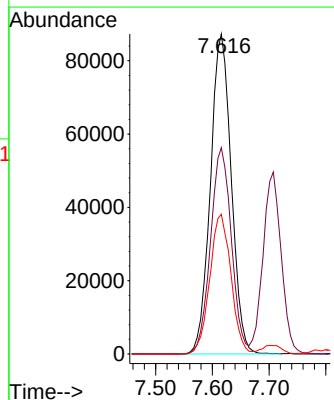
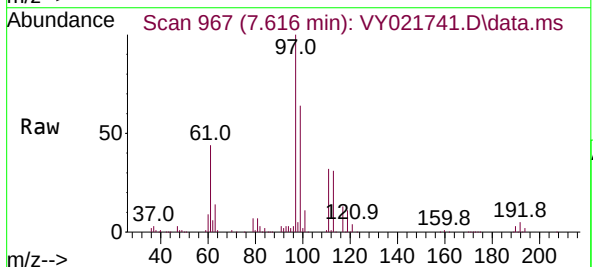
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

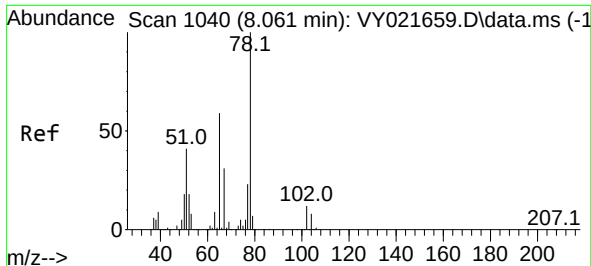
Tgt Ion: 56 Resp: 207124
Ion Ratio Lower Upper
56 100
69 32.0 26.6 40.0
84 86.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 58.114 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 97 Resp: 222652
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.510 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

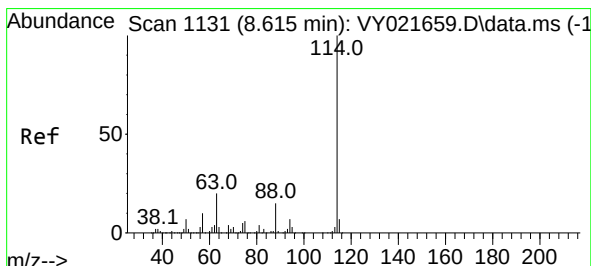
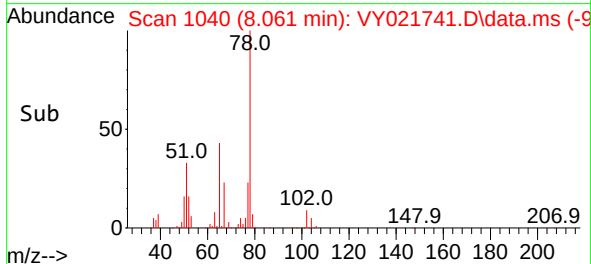
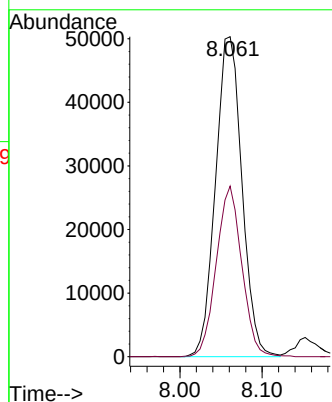
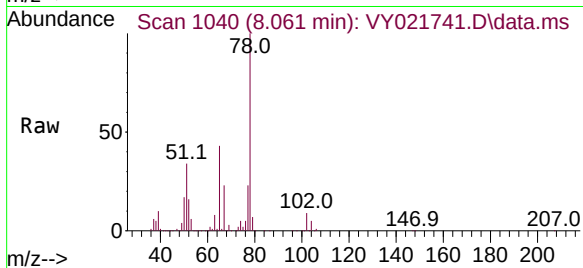
P001-BBDGA-001-01MSD

Tgt Ion: 65 Resp: 112639

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

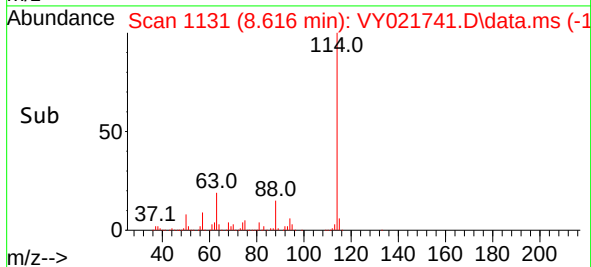
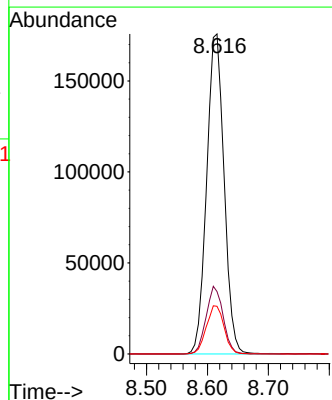
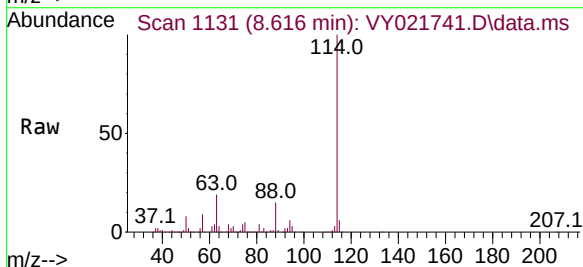
Tgt Ion: 114 Resp: 349081

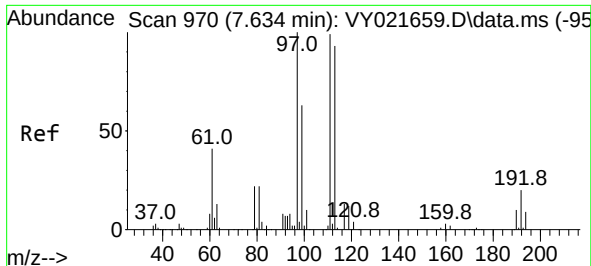
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 14.9 0.0 29.8

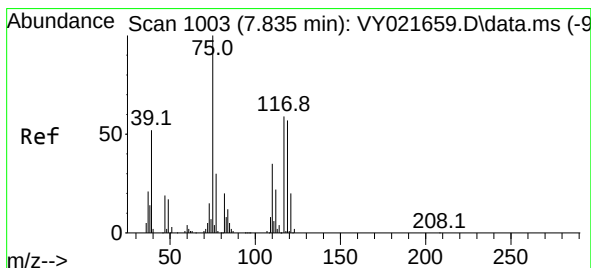
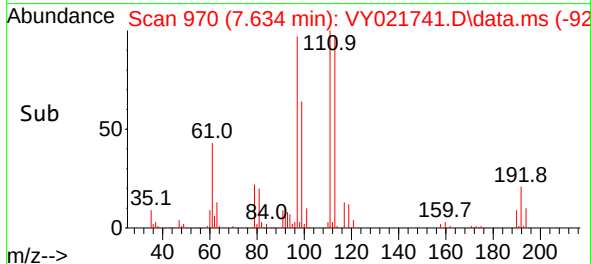
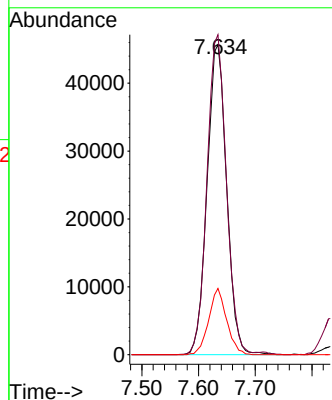
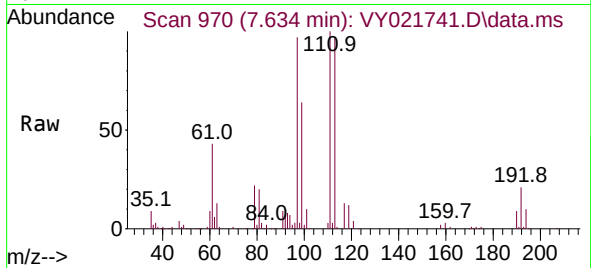




#35
Dibromofluoromethane
Concen: 48.315 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

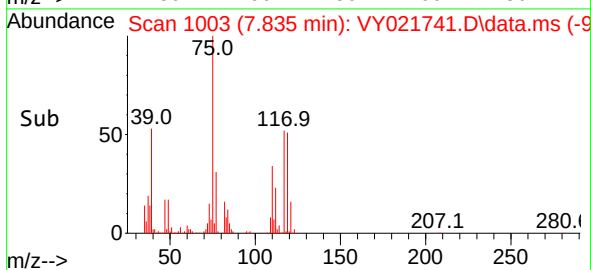
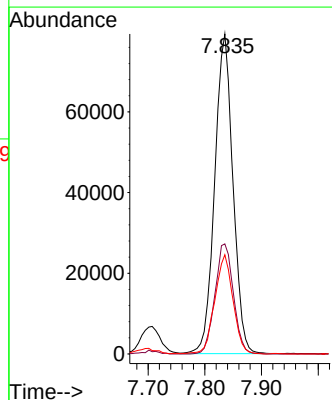
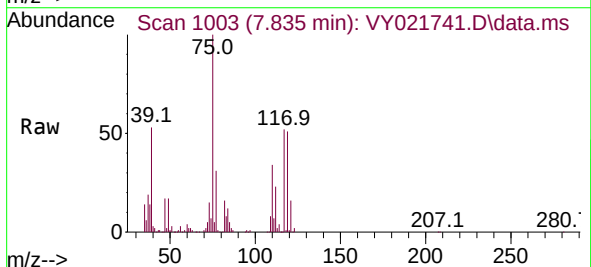
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

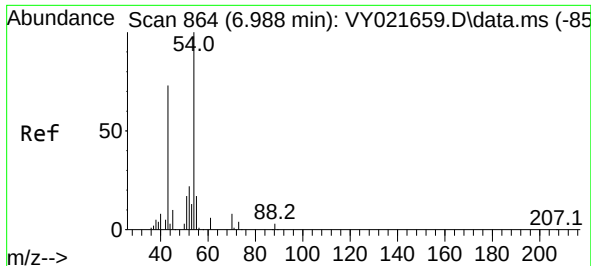
Tgt Ion:113 Resp: 109405
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 51.375 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 75 Resp: 177196
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 19.129 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

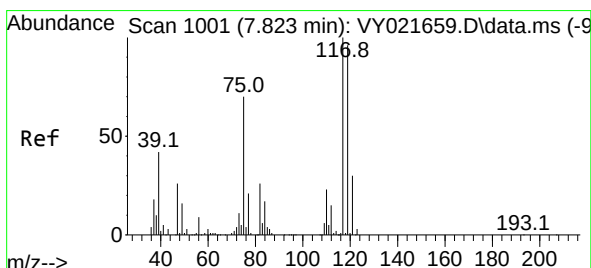
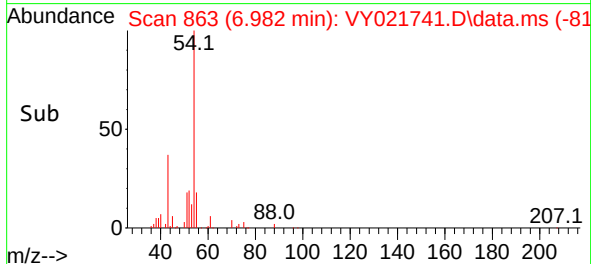
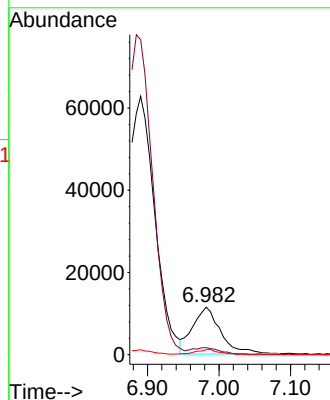
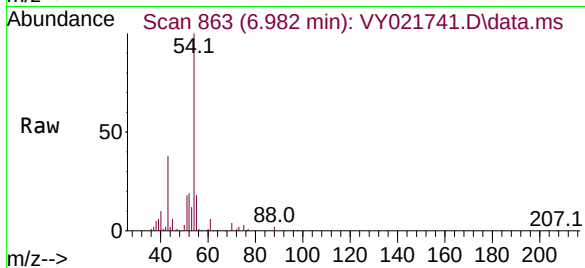
Tgt Ion: 43 Resp: 31137

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 51.606 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

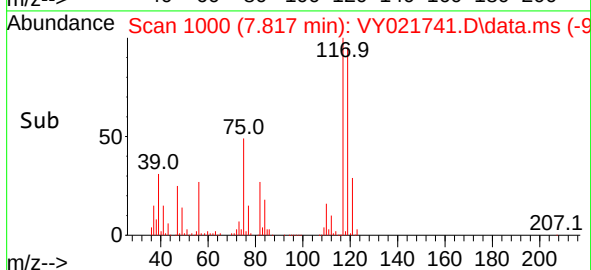
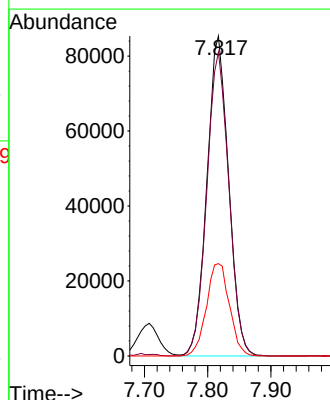
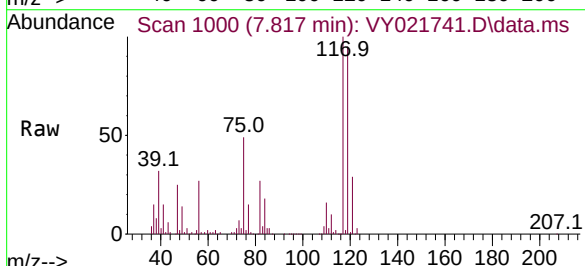
Tgt Ion: 117 Resp: 203864

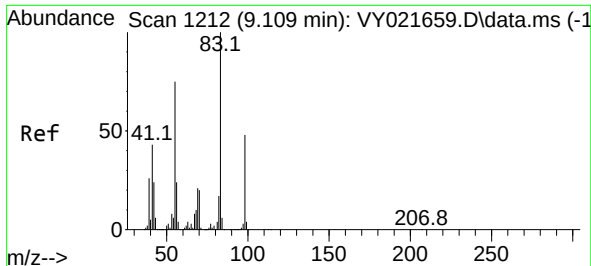
Ion Ratio Lower Upper

117 100

119 95.0 76.2 114.4

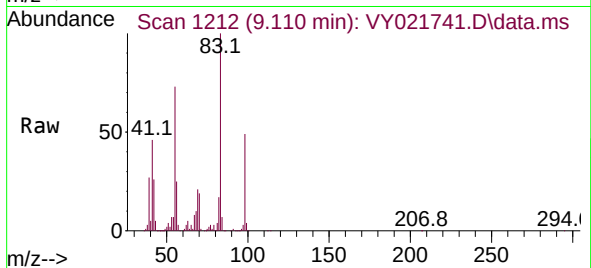
121 28.8 24.2 36.4



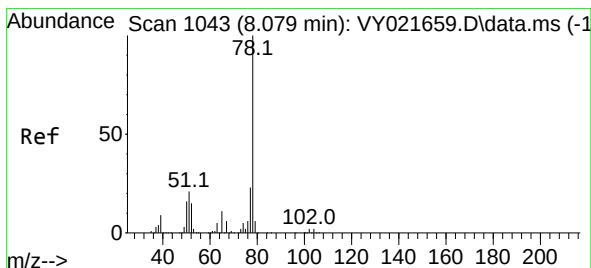
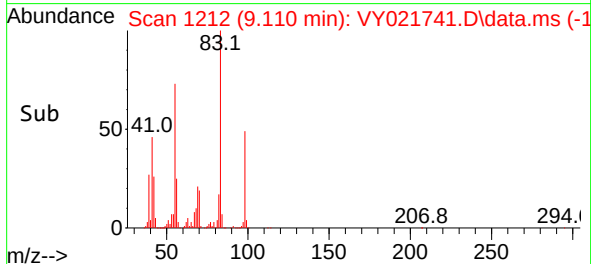
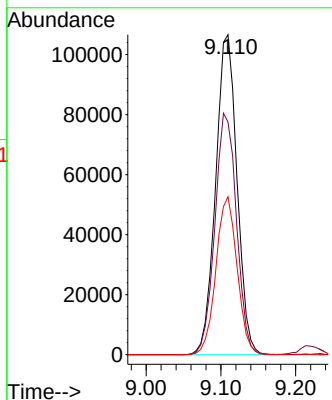


#39
Methylcyclohexane
Concen: 51.561 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

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

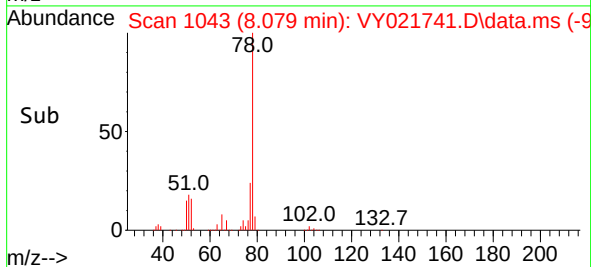
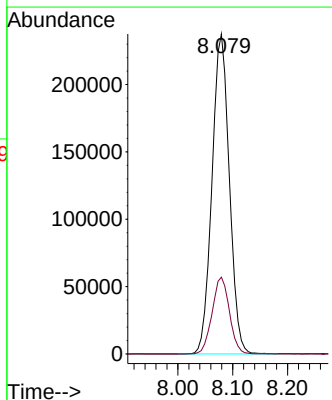
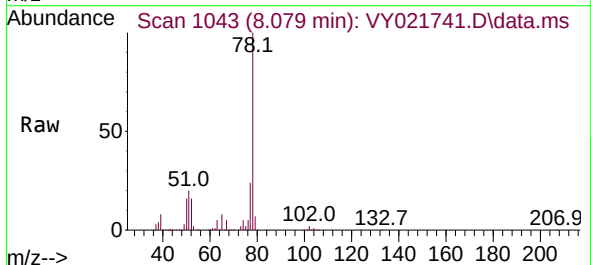


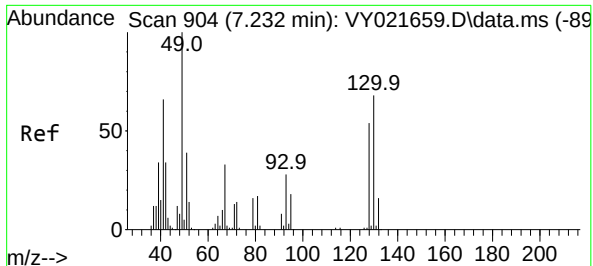
Tgt Ion: 83 Resp: 212447
Ion Ratio Lower Upper
83 100
55 72.8 59.7 89.5
98 49.4 38.3 57.5



#40
Benzene
Concen: 50.449 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 78 Resp: 521100
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

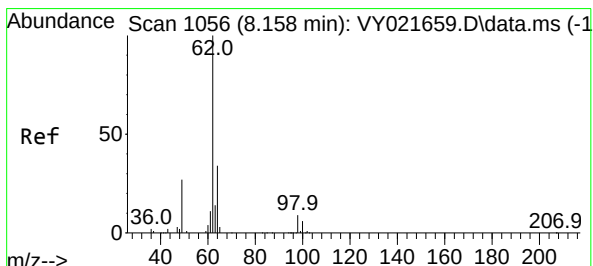
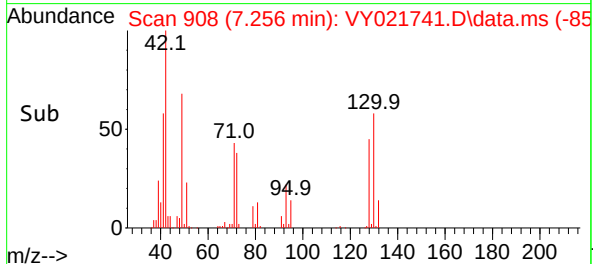
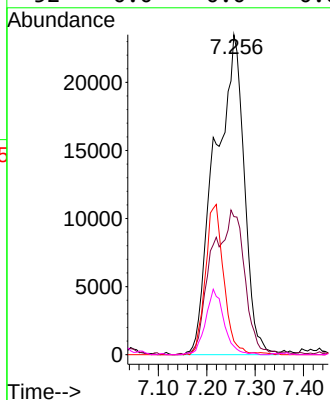
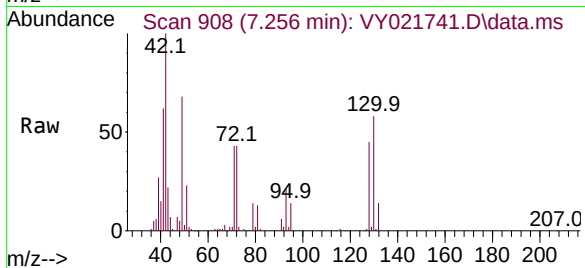




#41
Methacrylonitrile
Concen: 114.296 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

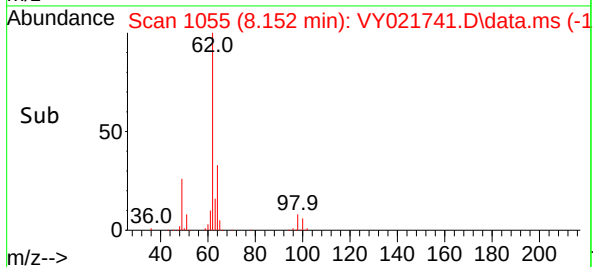
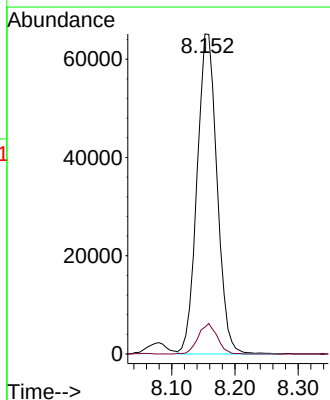
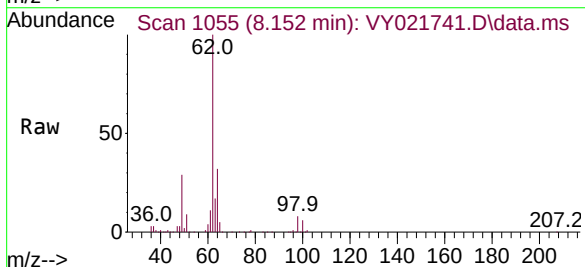
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

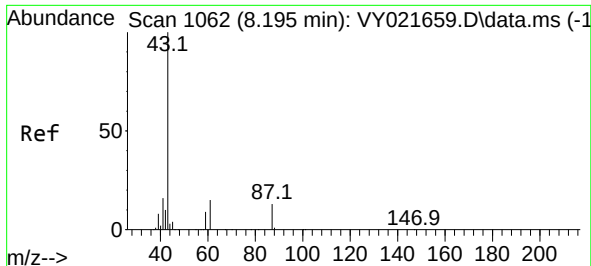
Tgt Ion:	41	Resp:	98804
Ion	Ratio	Lower	Upper
41	100		
39	26.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.292 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion:	62	Resp:	143535
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

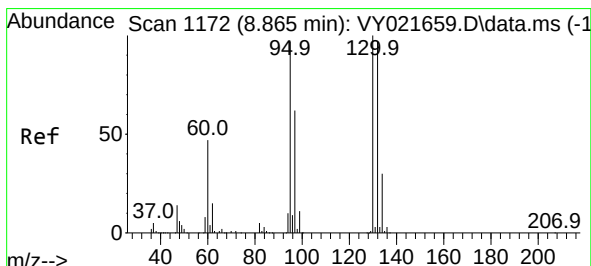
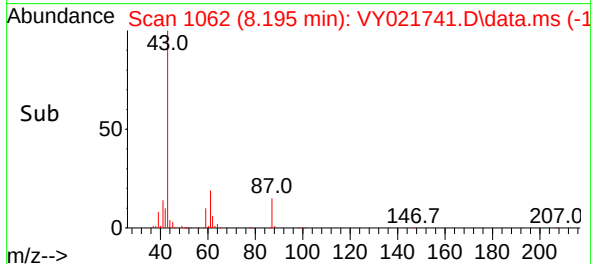
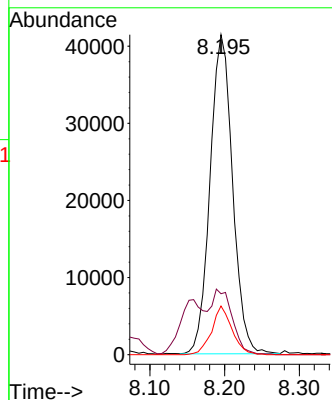
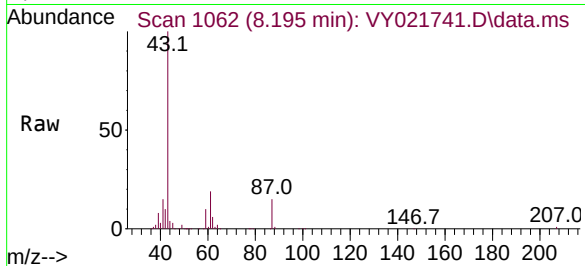




#43
Isopropyl Acetate
Concen: 28.087 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

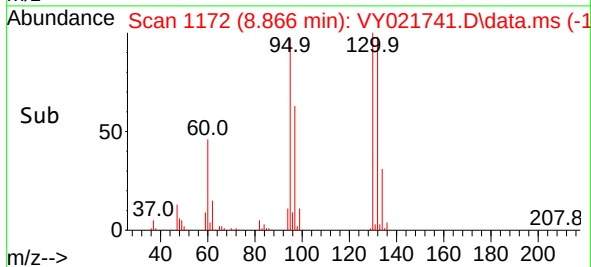
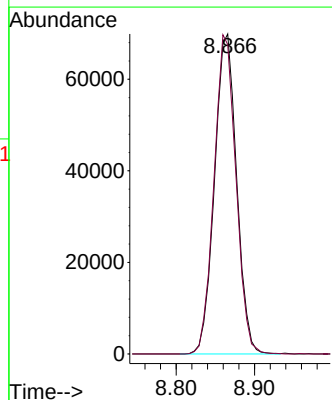
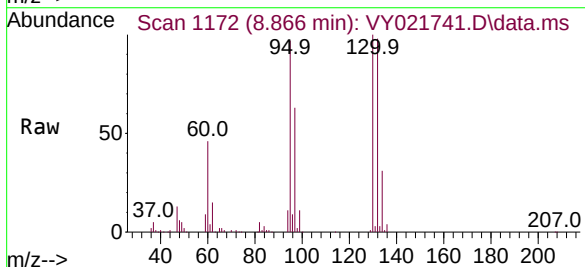
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

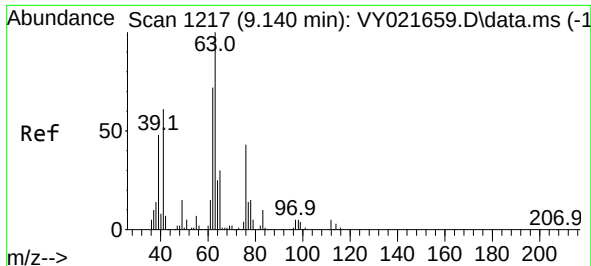
Tgt Ion:	43	Resp:	86642
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.9	23.9
87	13.8	10.4	15.6



#44
Trichloroethene
Concen: 52.069 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion:	130	Resp:	137034
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	194.8





#45

1,2-Dichloropropane

Concen: 51.276 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

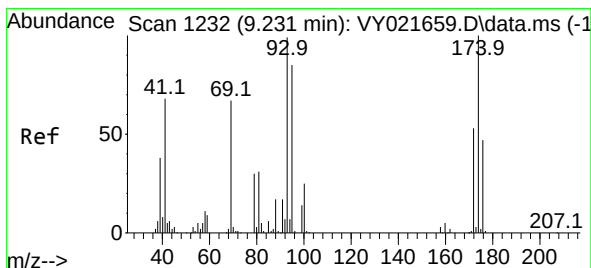
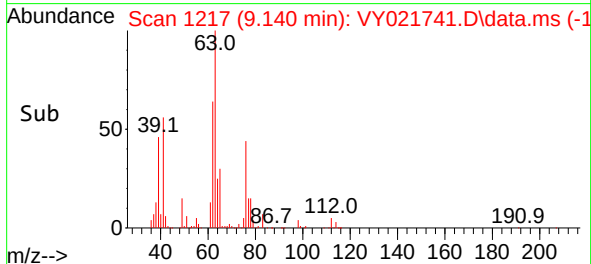
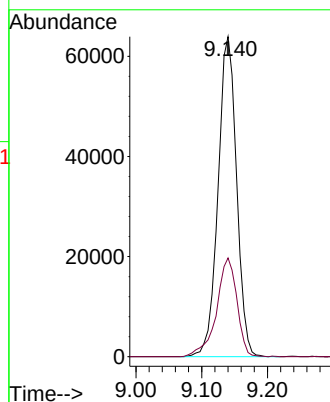
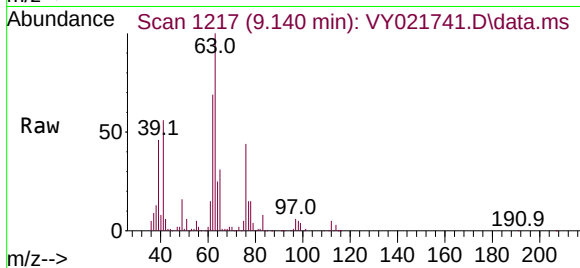
P001-BBDGA-001-01MSD

Tgt Ion: 63 Resp: 125368

Ion Ratio Lower Upper

63 100

65 30.9 24.4 36.6



#46

Dibromomethane

Concen: 49.710 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

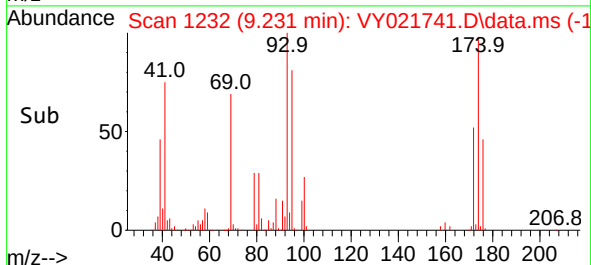
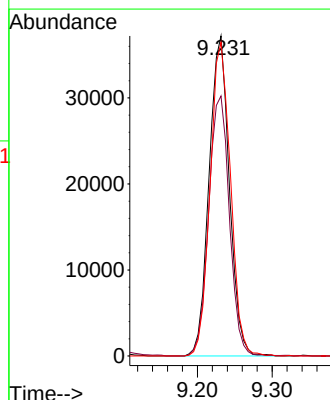
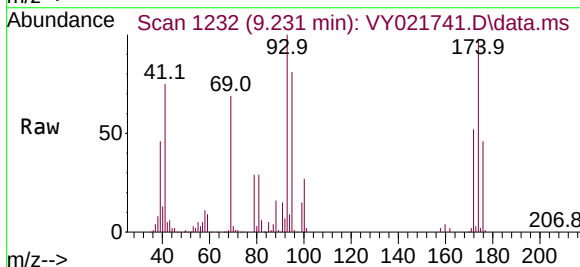
Tgt Ion: 93 Resp: 70046

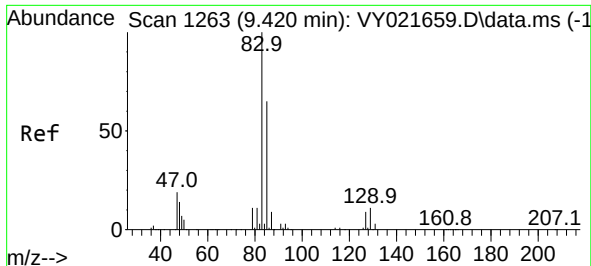
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 98.5 80.9 121.3

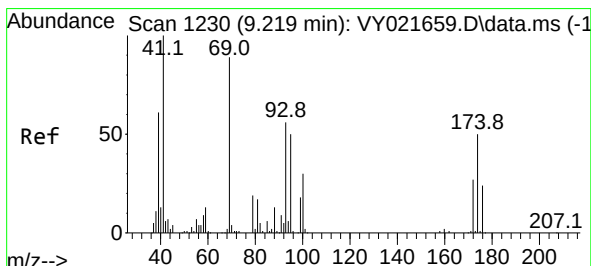
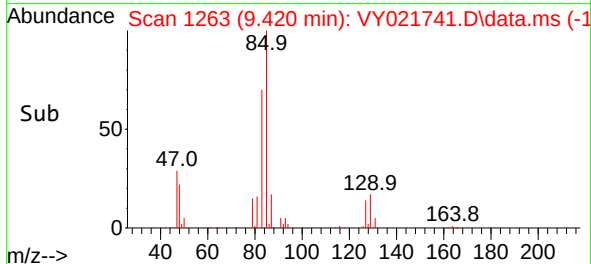
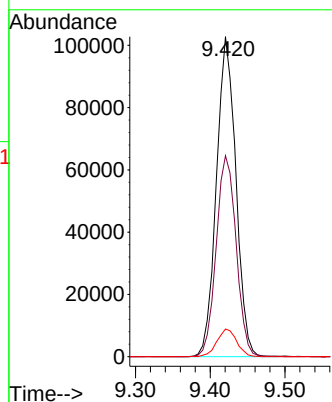
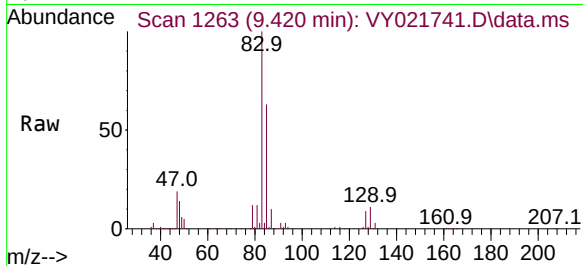




#47
Bromodichloromethane
Concen: 51.058 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

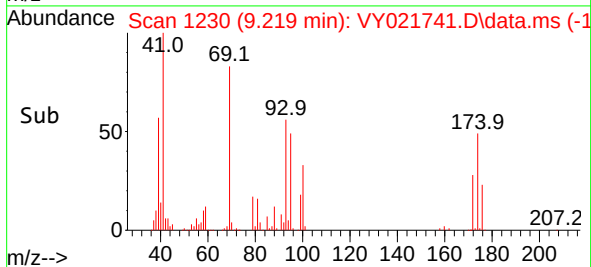
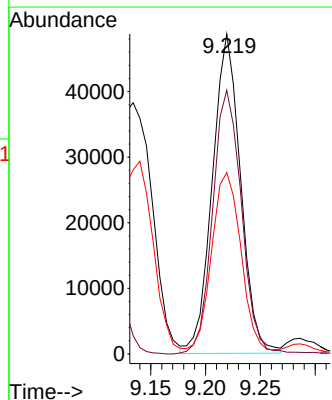
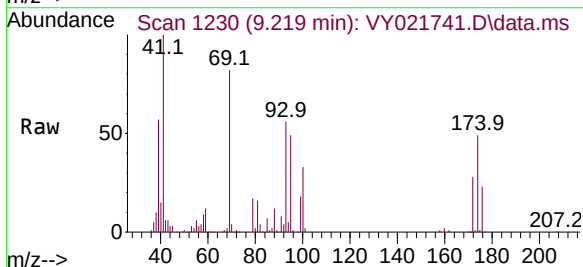
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

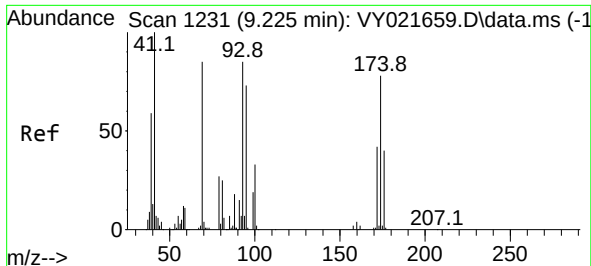
Tgt Ion: 83 Resp: 186422
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 61.640 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 41 Resp: 87268
Ion Ratio Lower Upper
41 100
69 84.7 69.8 104.8
39 56.7 47.2 70.8

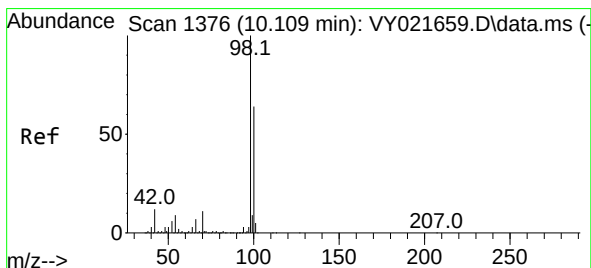
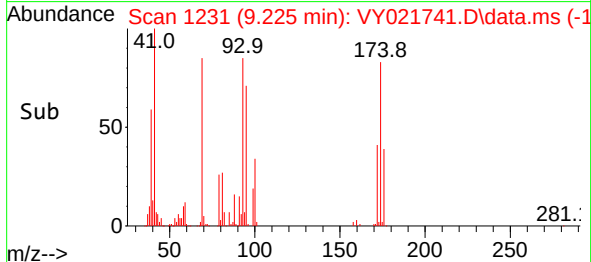
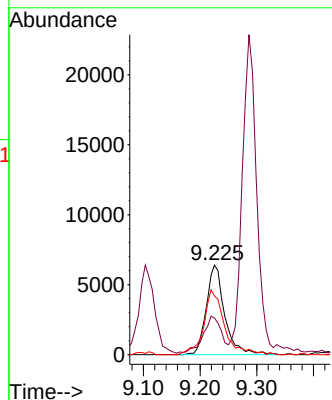
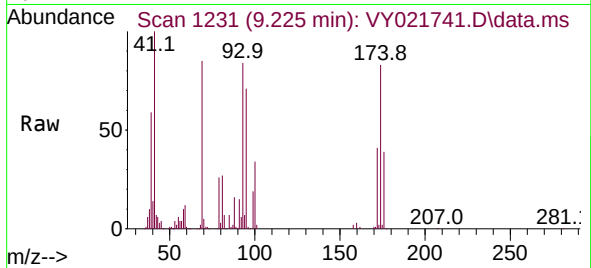




#49
1,4-Dioxane
Concen: 956.541 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

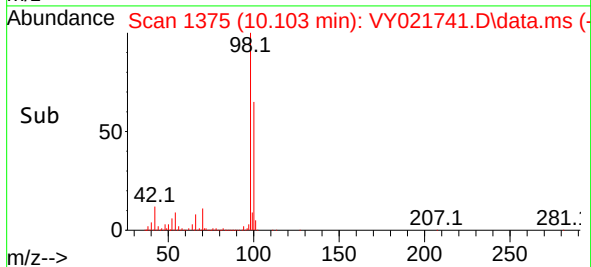
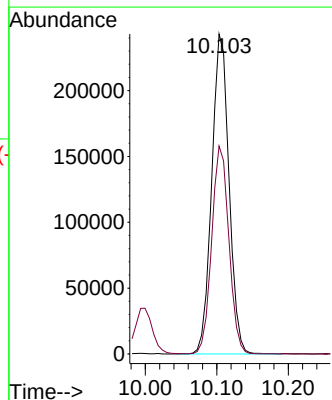
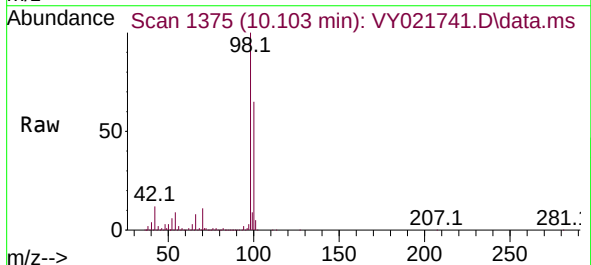
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

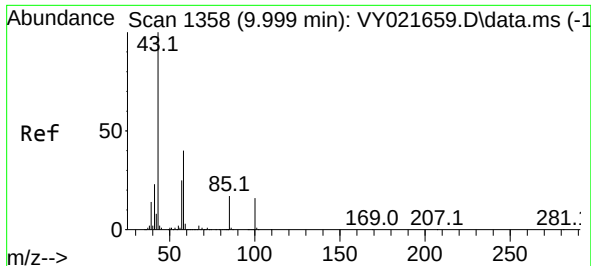
Tgt Ion: 88 Resp: 14439
Ion Ratio Lower Upper
88 100
43 41.0 28.8 43.2
58 80.5 59.4 89.2



#50
Toluene-d8
Concen: 47.217 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 98 Resp: 406751
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

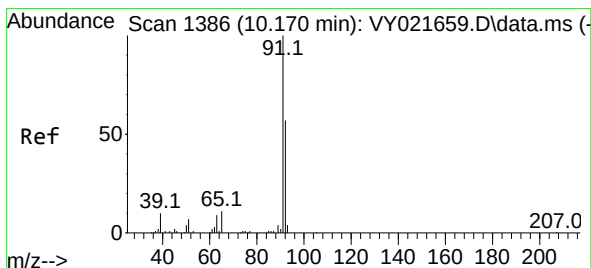
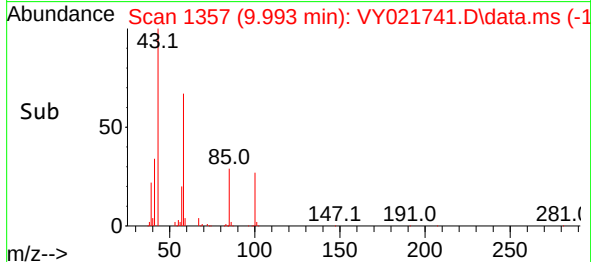
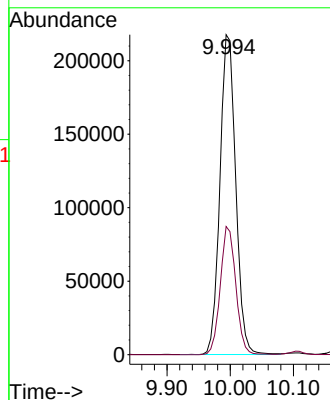
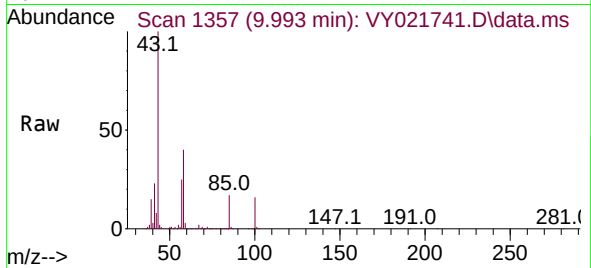




#51
4-Methyl-2-Pentanone
Concen: 234.563 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

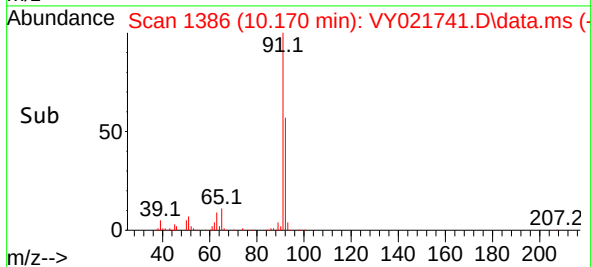
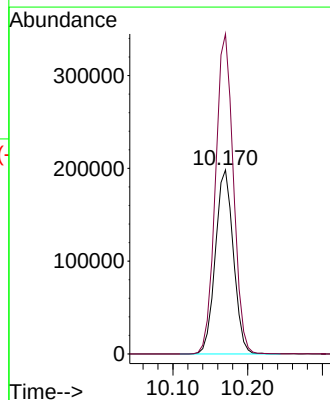
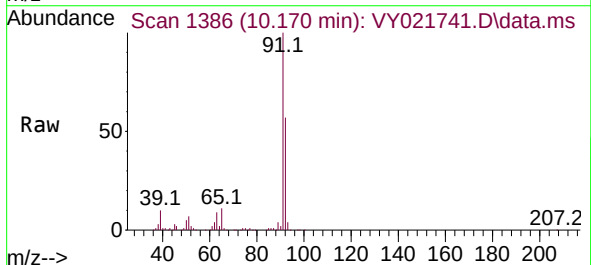
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

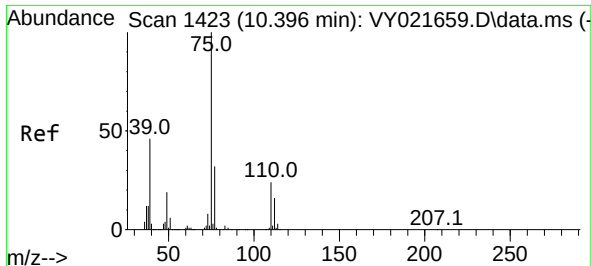
Tgt Ion: 43 Resp: 376542
Ion Ratio Lower Upper
43 100
58 39.3 31.5 47.3



#52
Toluene
Concen: 51.572 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 92 Resp: 332355
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

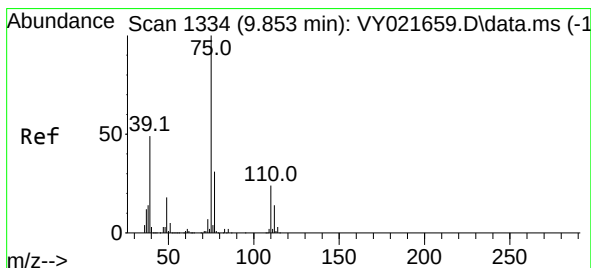
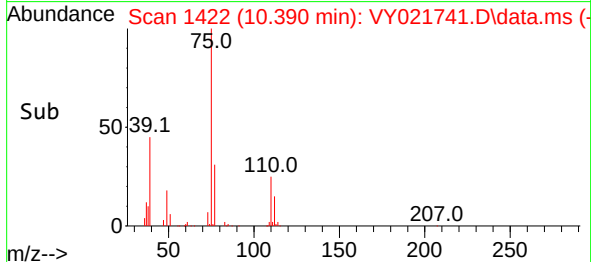
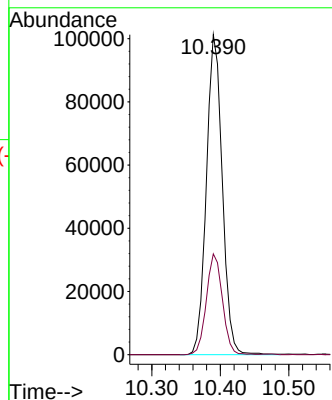
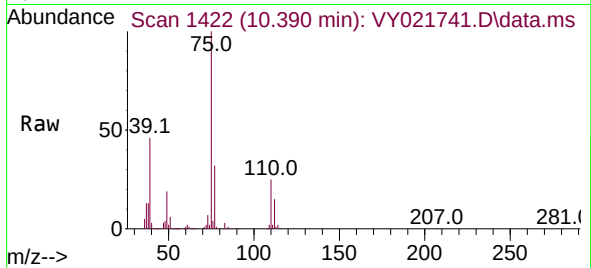




#53
 t-1,3-Dichloropropene
 Concen: 50.414 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

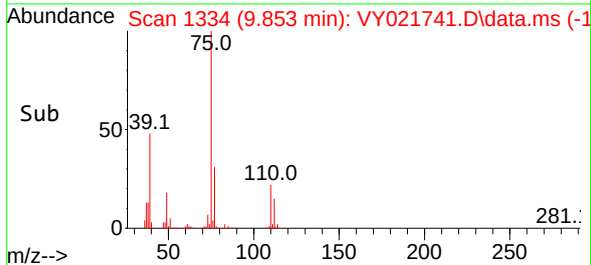
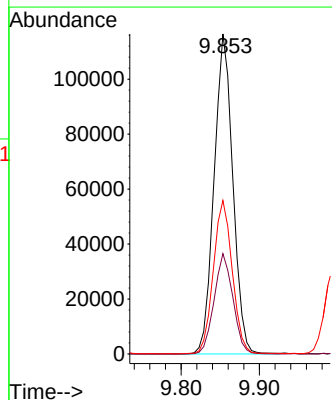
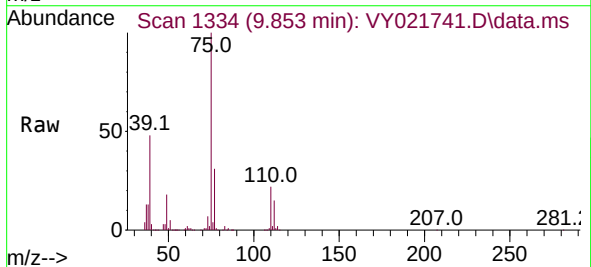
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MSD

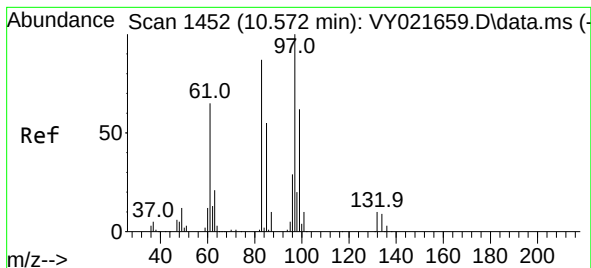
Tgt Ion: 75 Resp: 163499
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.606 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

Tgt Ion: 75 Resp: 193616
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3
 39 47.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 49.734 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

Tgt Ion: 97 Resp: 90185

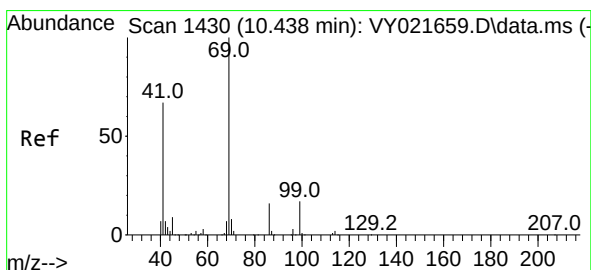
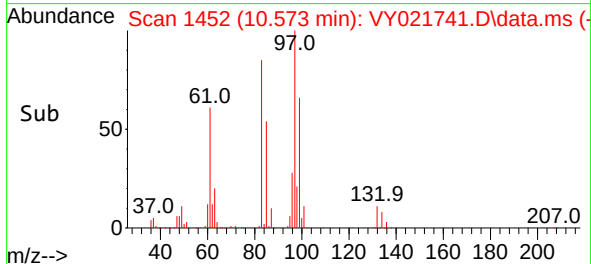
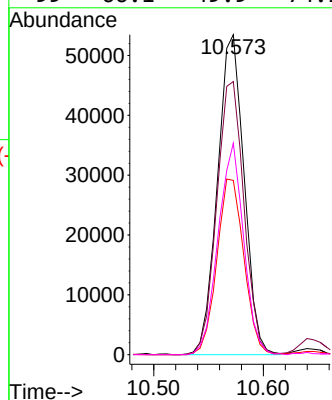
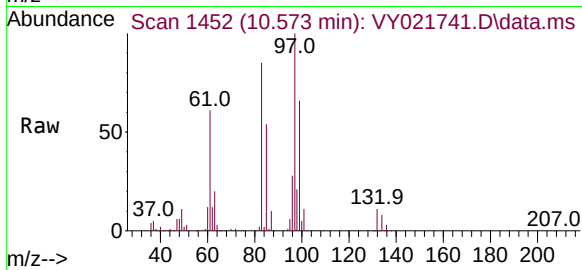
Ion Ratio Lower Upper

97 100

83 85.3 69.5 104.3

85 54.5 43.9 65.9

99 66.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 31.959 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

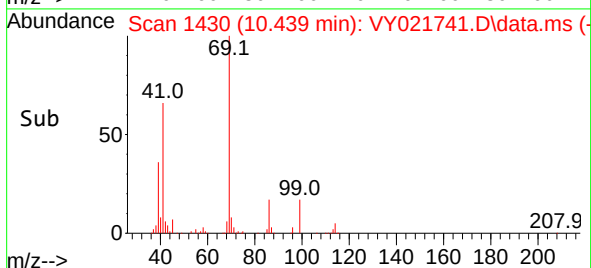
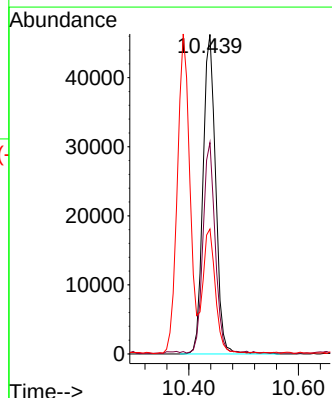
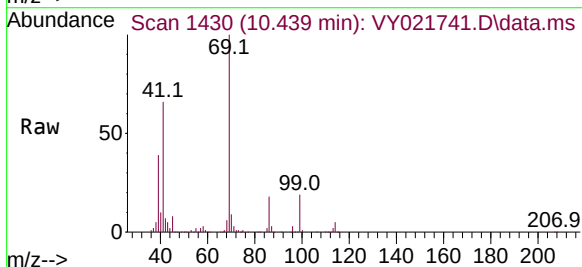
Tgt Ion: 69 Resp: 73999

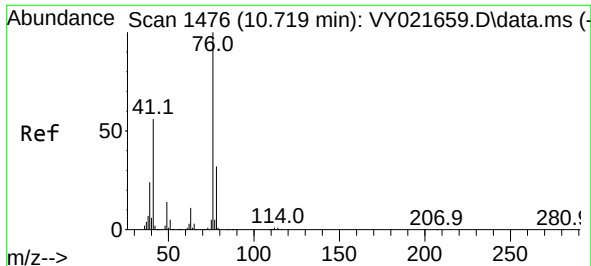
Ion Ratio Lower Upper

69 100

41 63.4 53.8 80.6

39 38.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 50.475 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

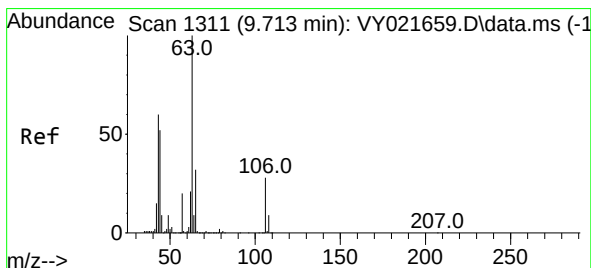
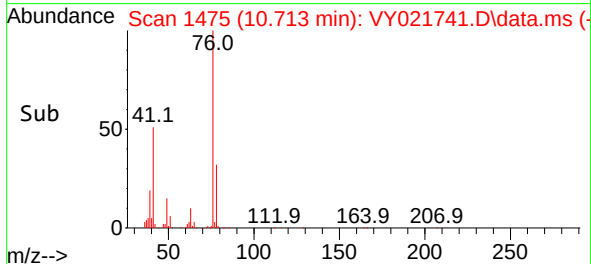
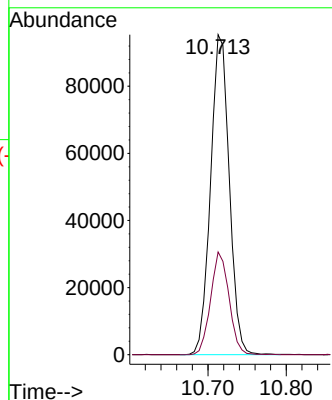
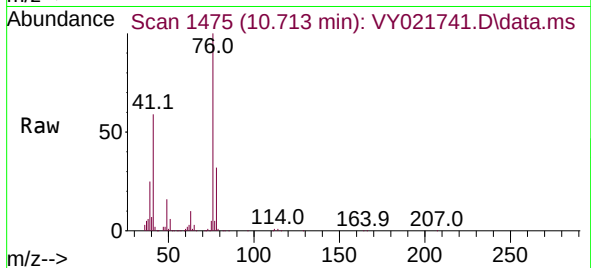
P001-BBDGA-001-01MSD

Tgt Ion: 76 Resp: 158074

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.940 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021741.D

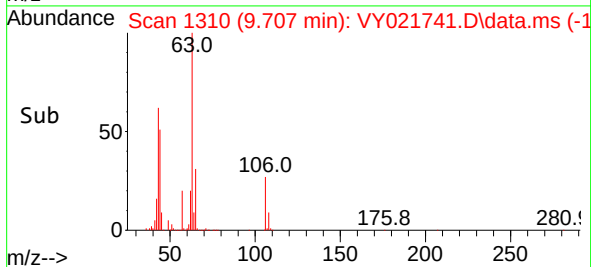
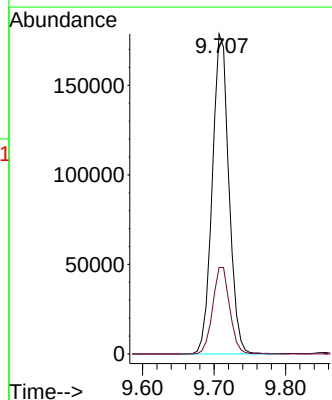
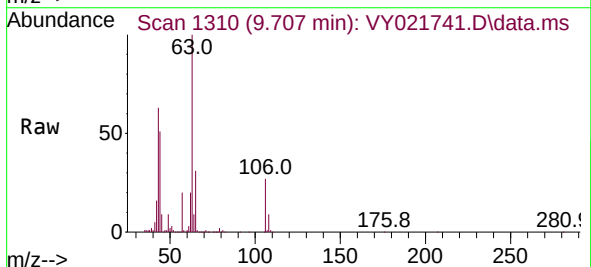
Acq: 01 Apr 2025 15:05

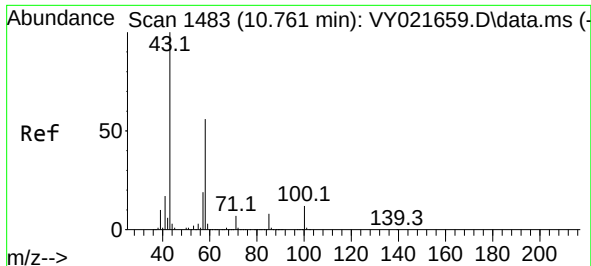
Tgt Ion: 63 Resp: 287965

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6





#59

2-Hexanone

Concen: 223.766 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

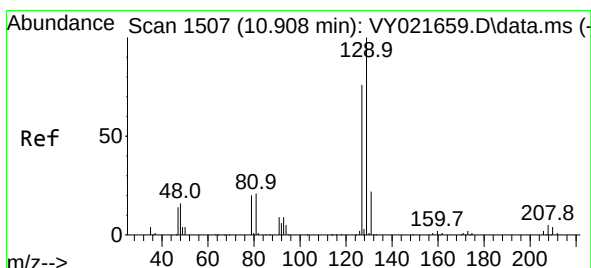
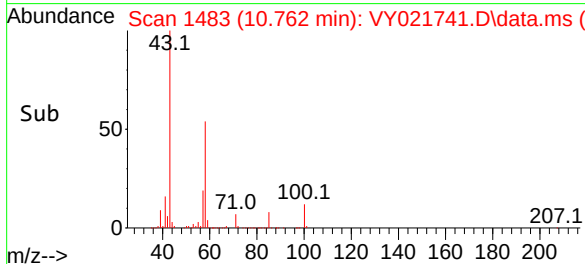
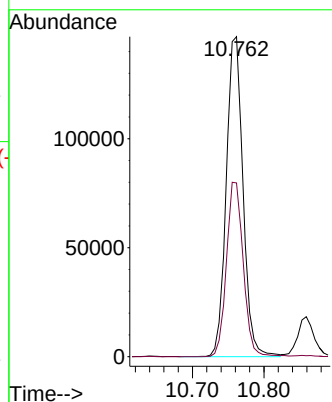
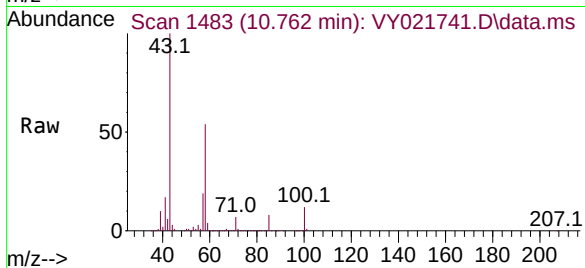
P001-BBDGA-001-01MSD

Tgt Ion: 43 Resp: 239228

Ion Ratio Lower Upper

43 100

58 54.6 27.2 81.5



#60

Dibromochloromethane

Concen: 50.967 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021741.D

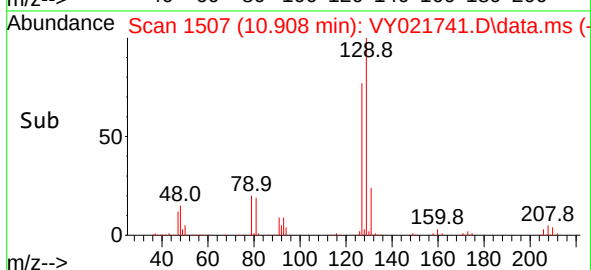
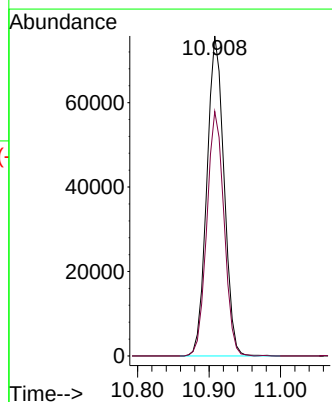
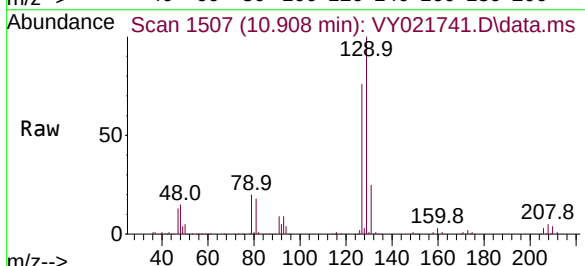
Acq: 01 Apr 2025 15:05

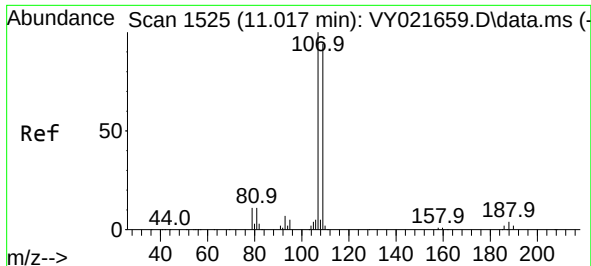
Tgt Ion:129 Resp: 126183

Ion Ratio Lower Upper

129 100

127 76.5 38.6 115.7

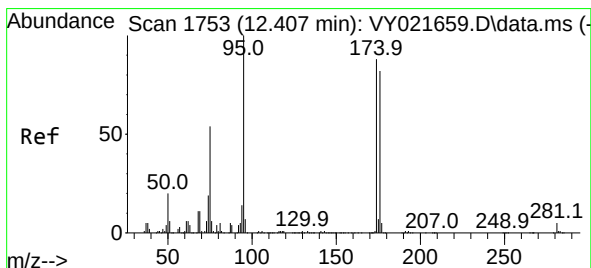
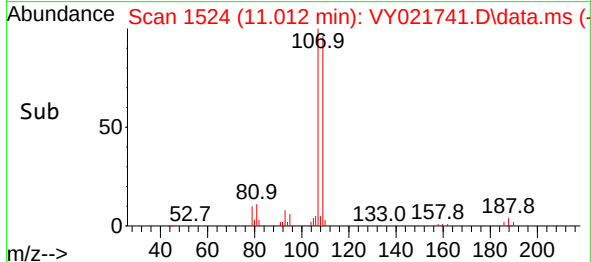
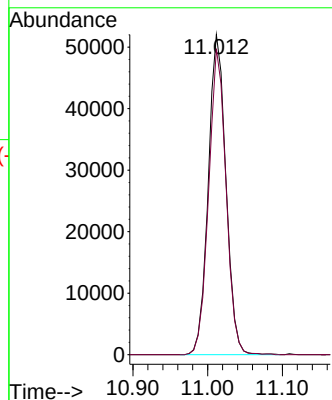
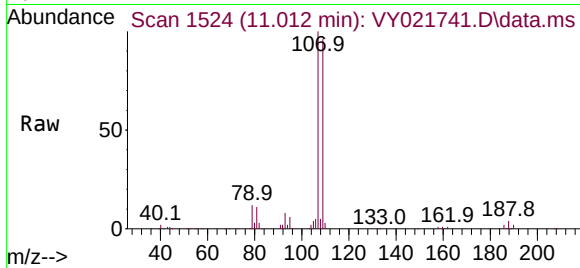




#61
1,2-Dibromoethane
Concen: 50.131 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

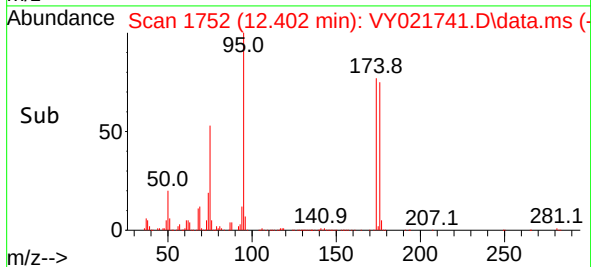
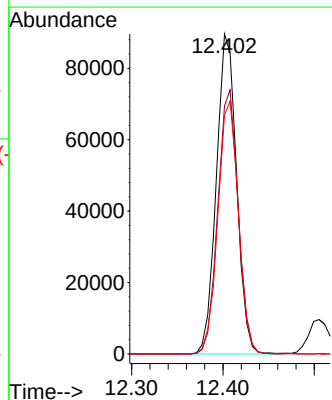
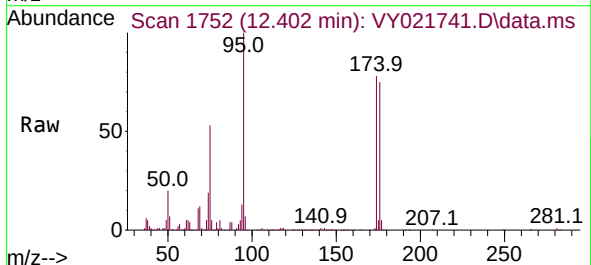
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

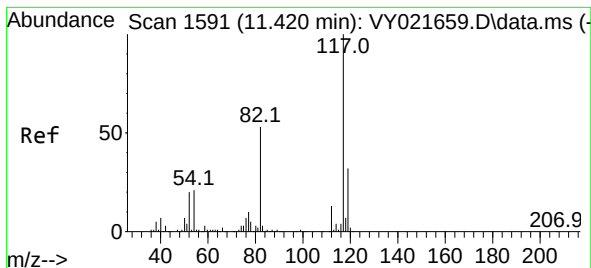
Tgt Ion:107 Resp: 85276
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 47.301 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 95 Resp: 137827
Ion Ratio Lower Upper
95 100
174 83.0 0.0 170.8
176 80.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021741.D

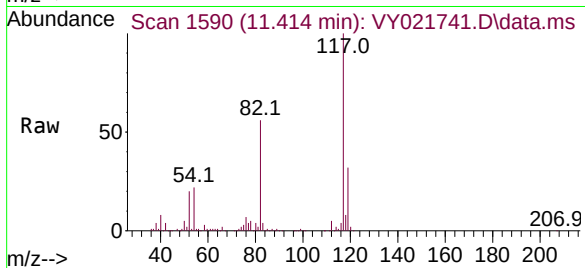
Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD



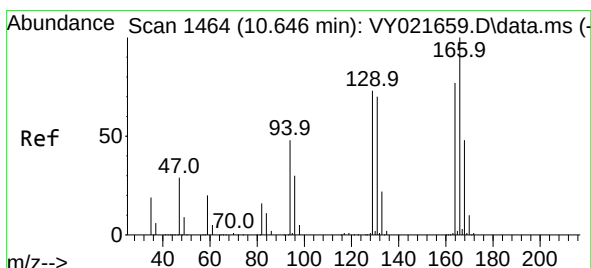
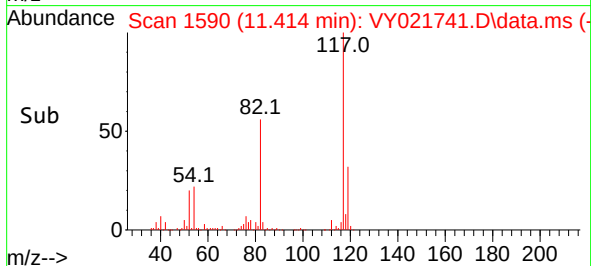
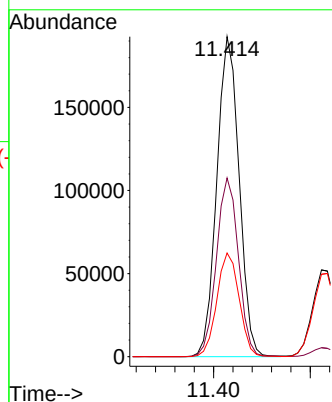
Tgt Ion:117 Resp: 308067

Ion Ratio Lower Upper

117 100

82 55.9 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 62.531 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Tgt Ion:164 Resp: 175448

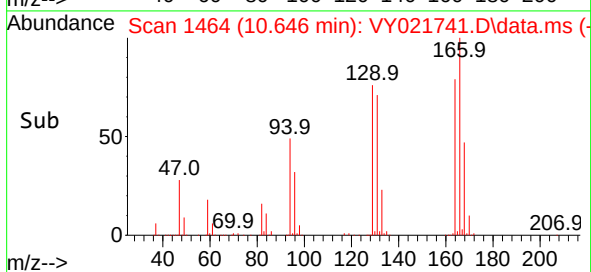
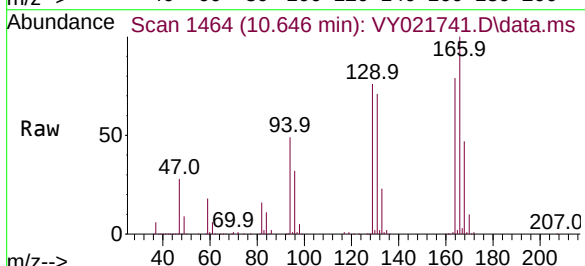
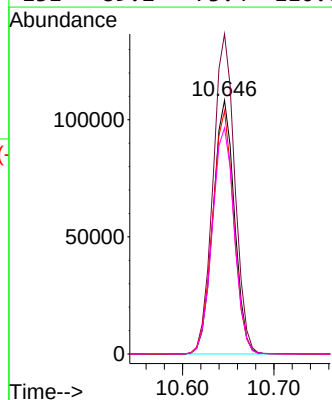
Ion Ratio Lower Upper

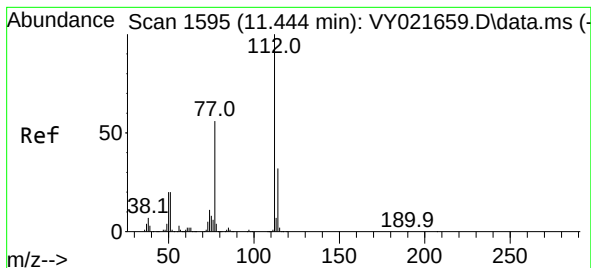
164 100

166 126.2 104.6 156.8

129 95.9 76.6 114.8

131 89.2 73.4 110.0





#65

Chlorobenzene

Concen: 50.534 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

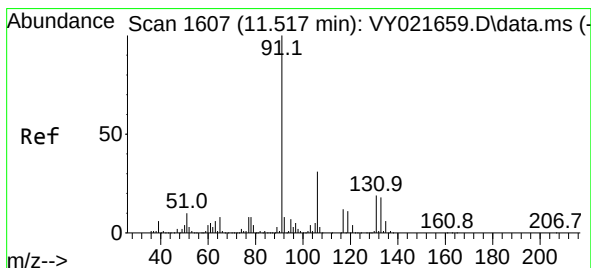
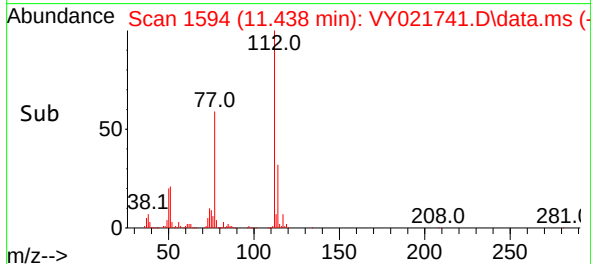
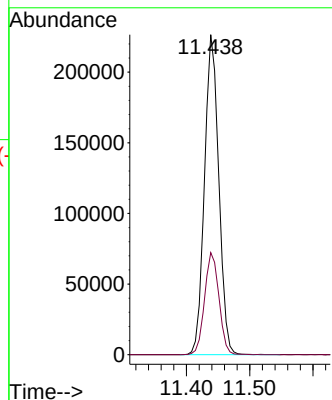
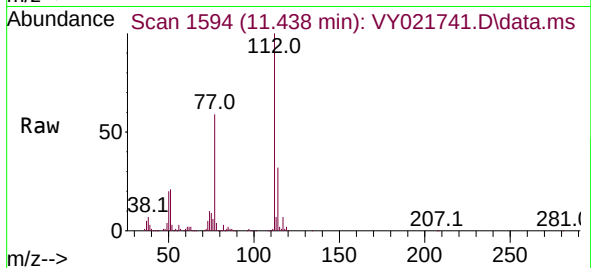
P001-BBDGA-001-01MSD

Tgt Ion:112 Resp: 356866

Ion Ratio Lower Upper

112 100

114 31.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.502 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

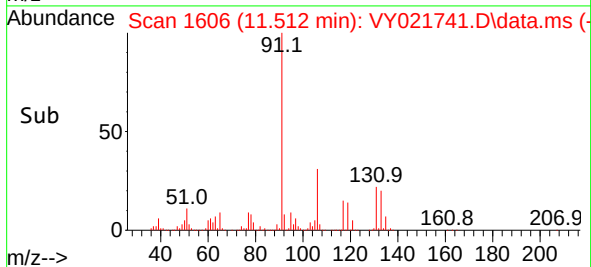
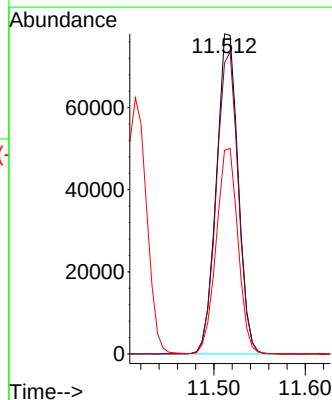
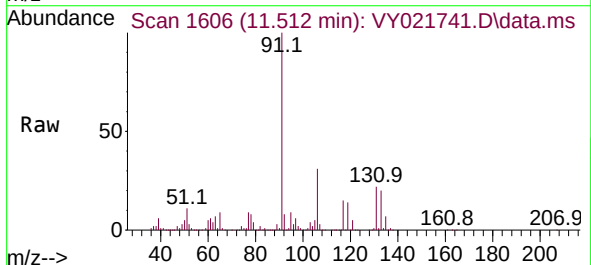
Tgt Ion:131 Resp: 129041

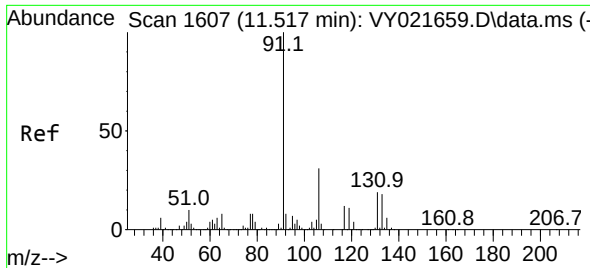
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.8

119 64.3 31.6 95.0





#67

Ethyl Benzene

Concen: 52.157 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

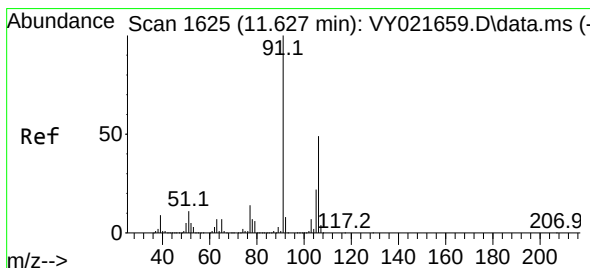
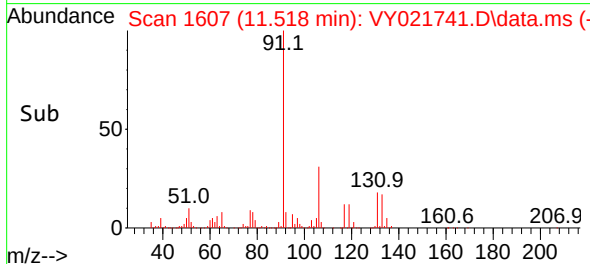
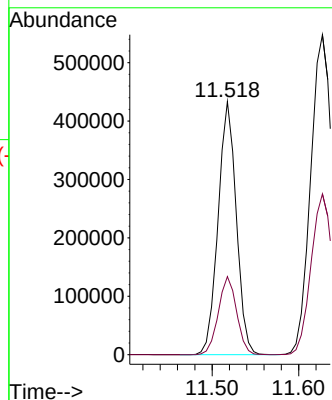
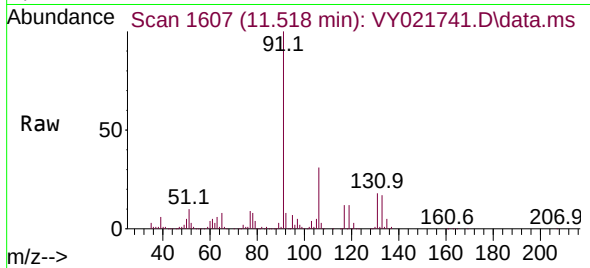
P001-BBDGA-001-01MSD

Tgt Ion: 91 Resp: 631608

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 103.984 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021741.D

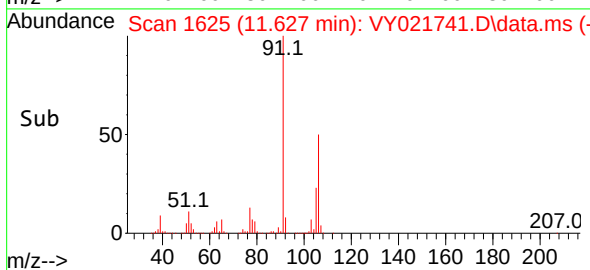
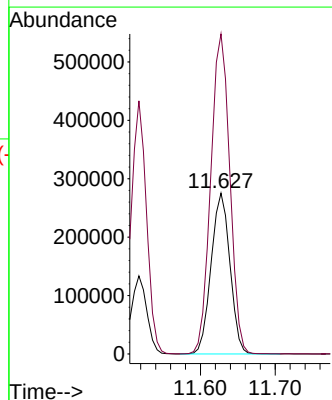
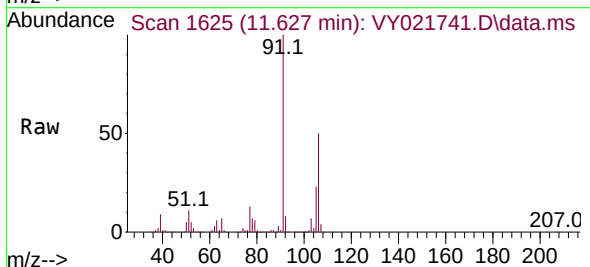
Acq: 01 Apr 2025 15:05

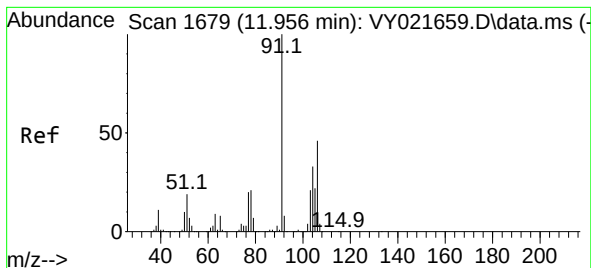
Tgt Ion: 106 Resp: 482187

Ion Ratio Lower Upper

106 100

91 201.6 162.4 243.6





#69

o-Xylene

Concen: 52.665 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

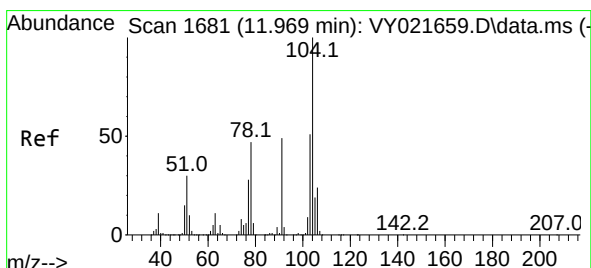
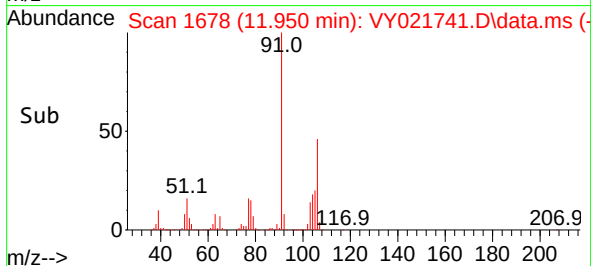
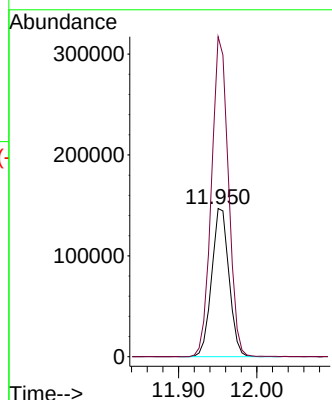
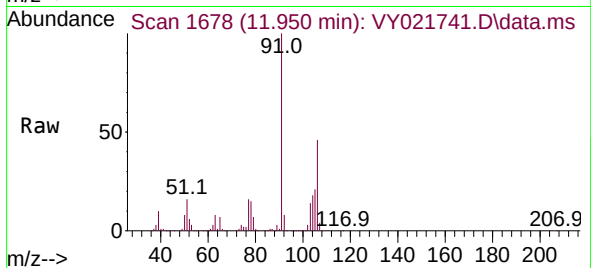
P001-BBDGA-001-01MSD

Tgt Ion:106 Resp: 225429

Ion Ratio Lower Upper

106 100

91 211.5 106.7 319.9



#70

Styrene

Concen: 53.132 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

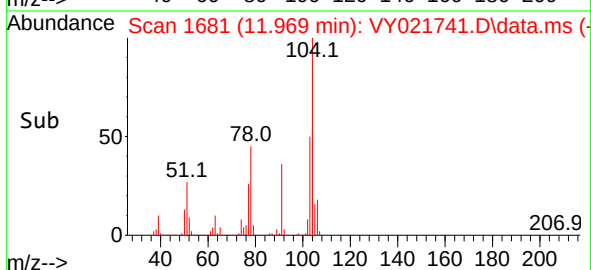
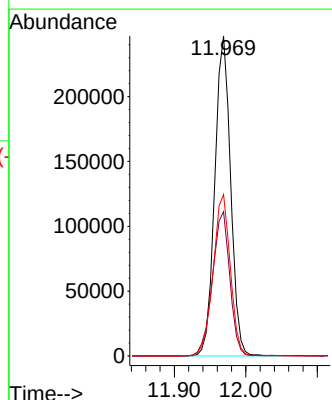
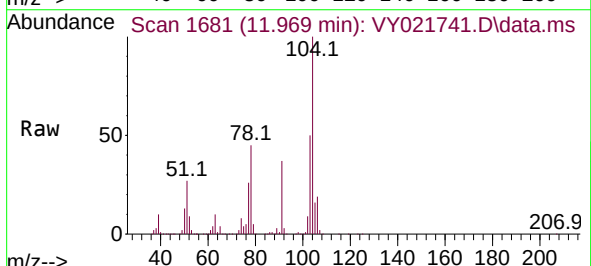
Tgt Ion:104 Resp: 379194

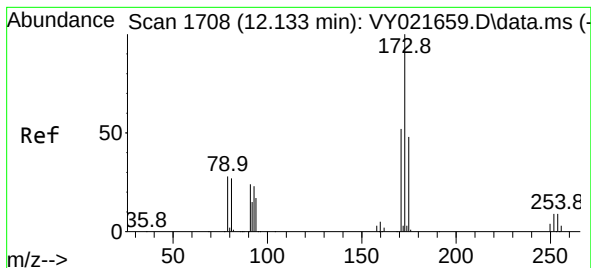
Ion Ratio Lower Upper

104 100

78 49.6 40.8 61.2

103 54.7 44.2 66.2





#71

Bromoform

Concen: 50.103 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

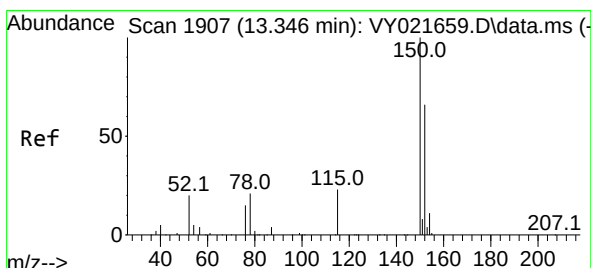
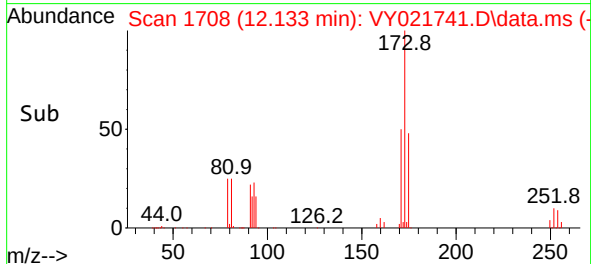
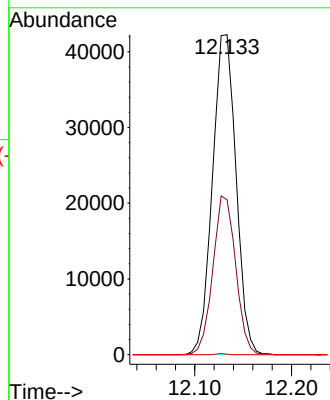
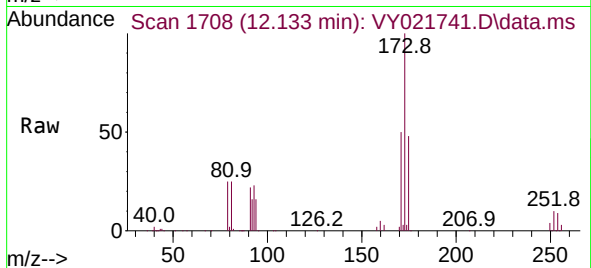
Tgt Ion:173 Resp: 71608

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

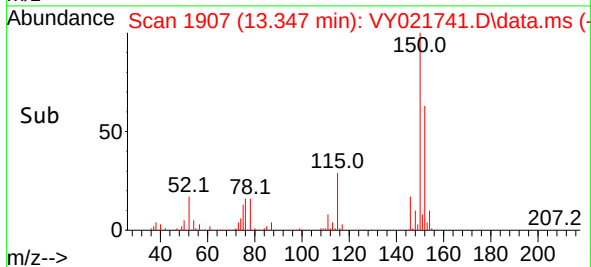
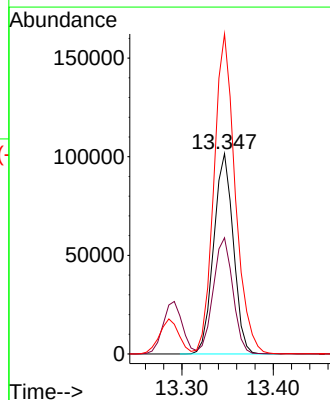
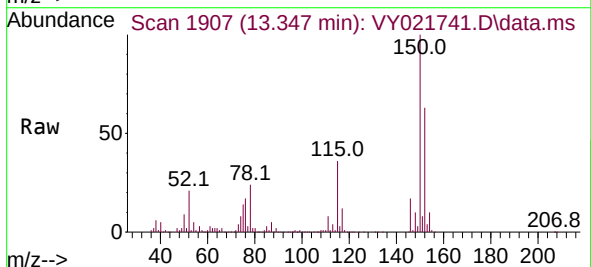
Tgt Ion:152 Resp: 151305

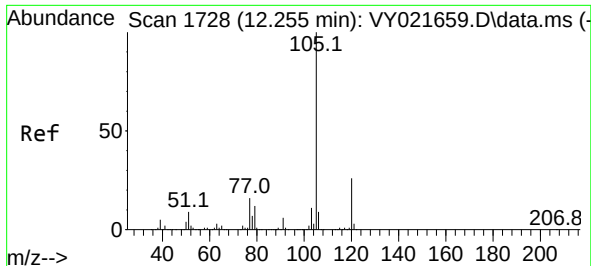
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 173.2 0.0 348.4

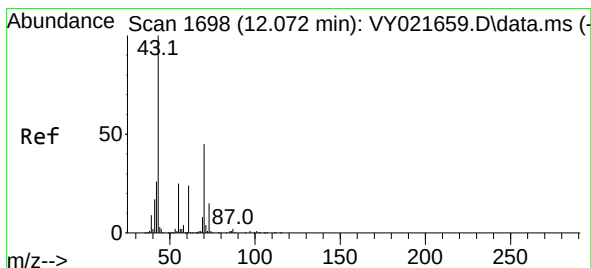
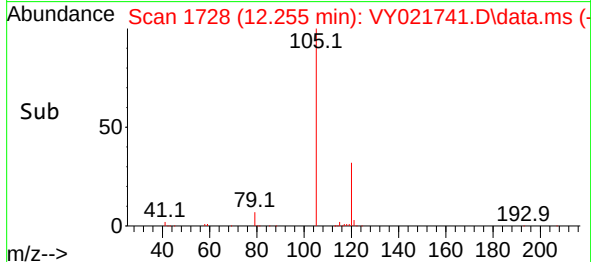
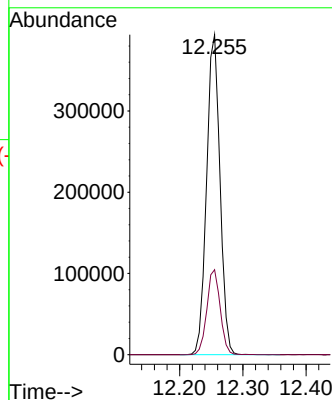
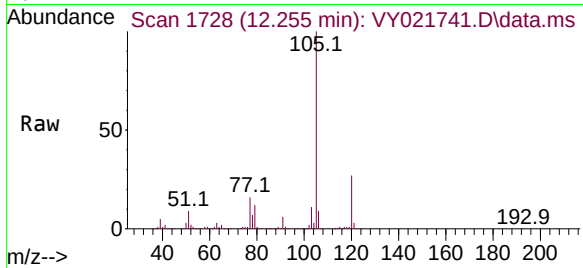




#73
Isopropylbenzene
Concen: 51.650 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

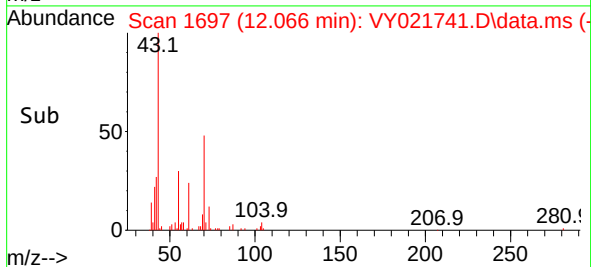
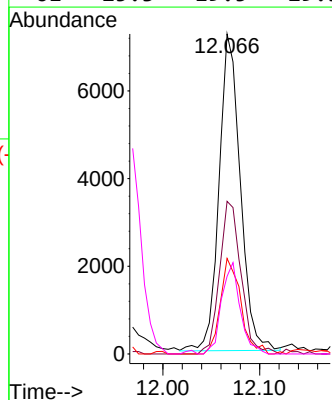
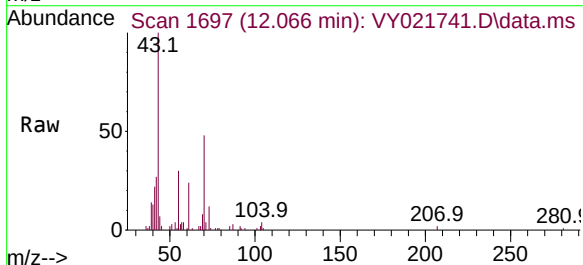
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

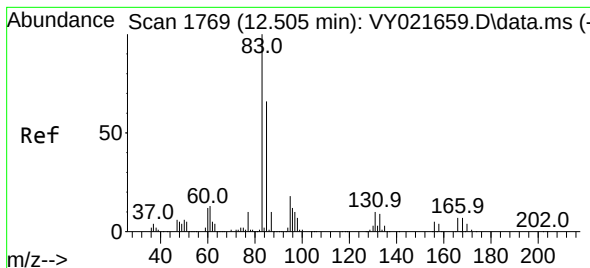
Tgt Ion:105 Resp: 580448
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 4.184 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion: 43 Resp: 11036
Ion Ratio Lower Upper
43 100
70 48.5 34.7 52.1
55 28.8 21.2 31.8
61 25.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.018 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

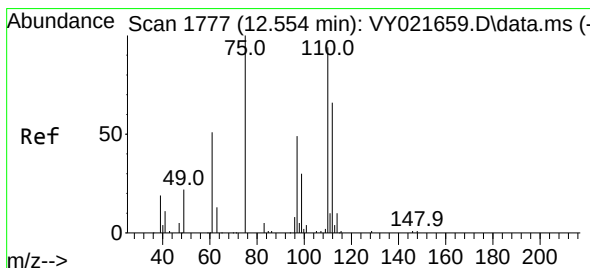
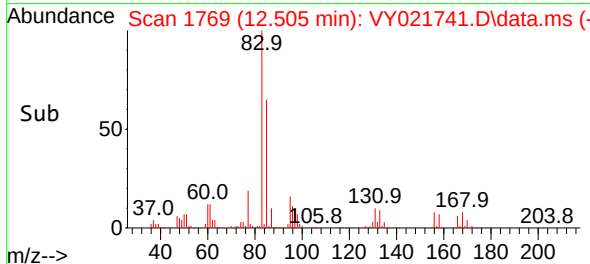
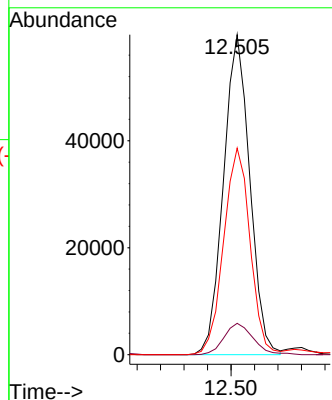
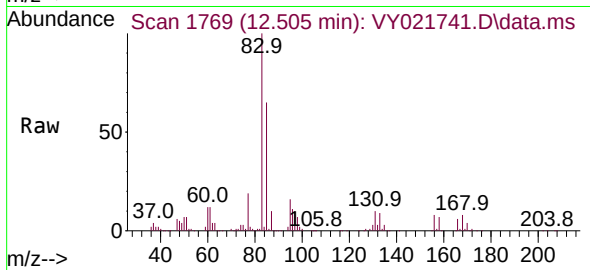
Tgt Ion: 83 Resp: 92979

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 86.630 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021741.D

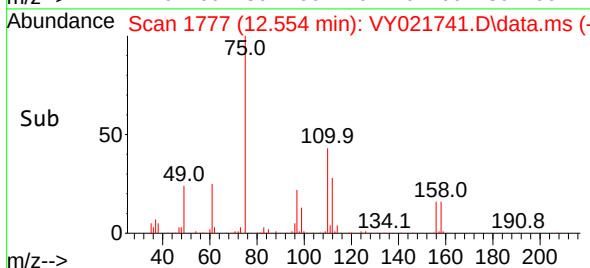
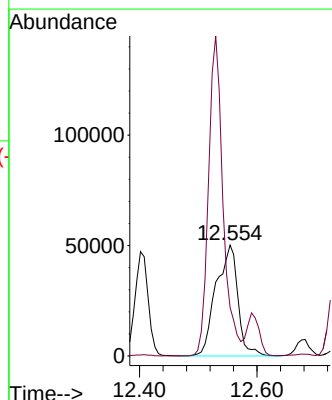
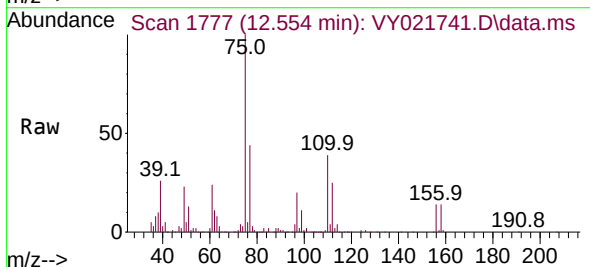
Acq: 01 Apr 2025 15:05

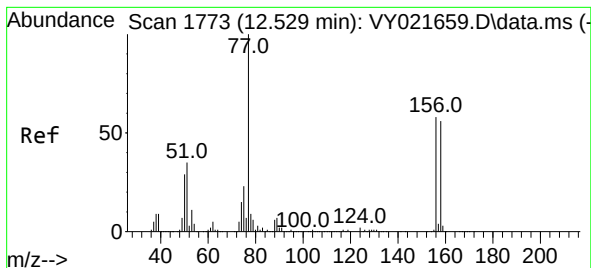
Tgt Ion: 75 Resp: 129930

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.916 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

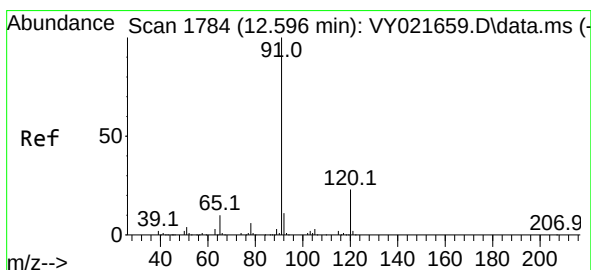
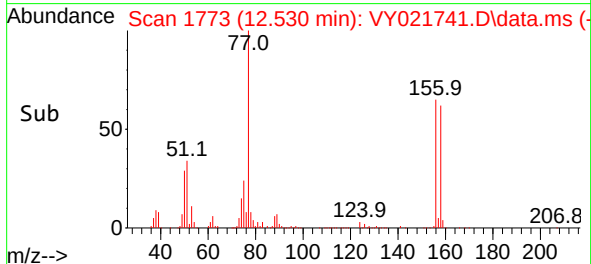
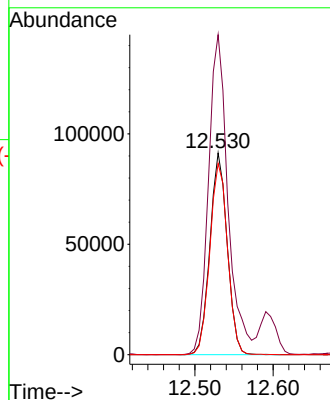
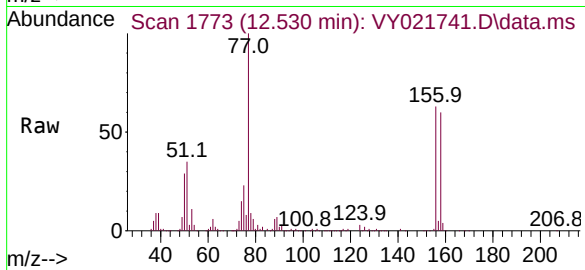
Tgt Ion:156 Resp: 140081

Ion Ratio Lower Upper

156 100

77 178.0 92.8 278.3

158 97.2 48.5 145.6



#78

n-propylbenzene

Concen: 51.840 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY021741.D

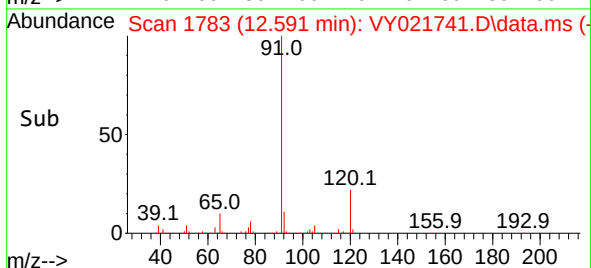
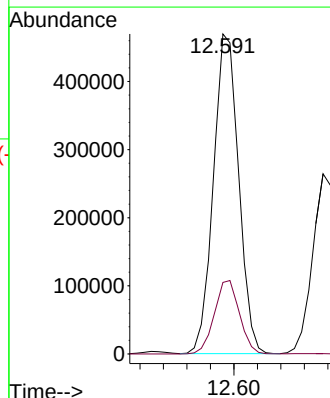
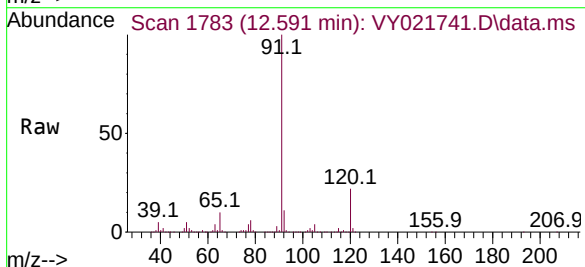
Acq: 01 Apr 2025 15:05

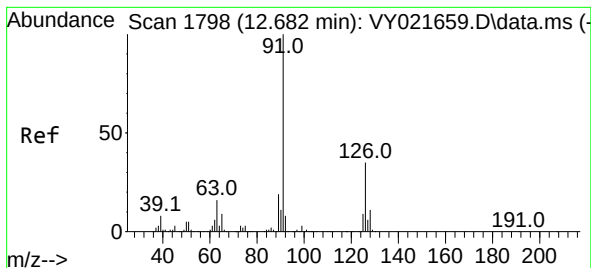
Tgt Ion: 91 Resp: 700397

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.527 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

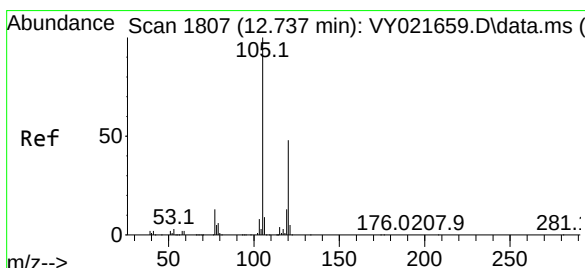
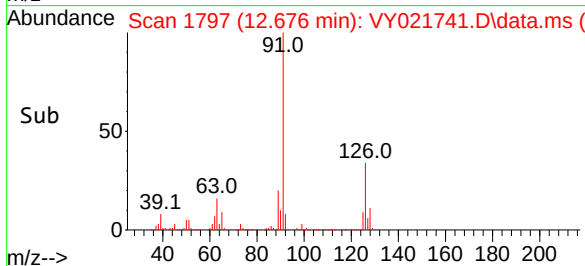
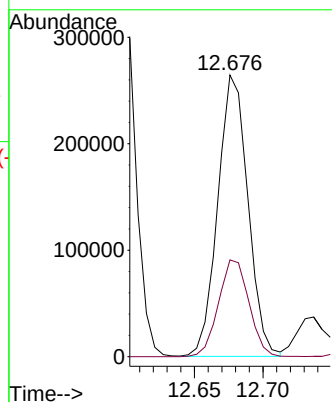
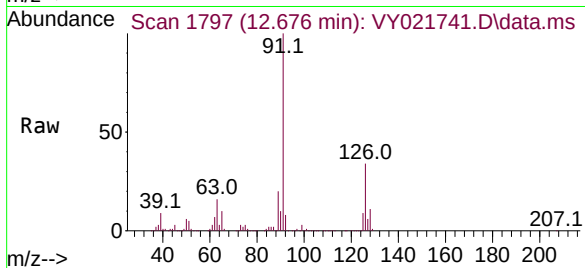
P001-BBDGA-001-01MSD

Tgt Ion: 91 Resp: 404344

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 51.425 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021741.D

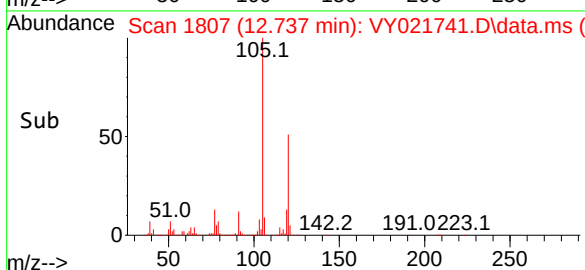
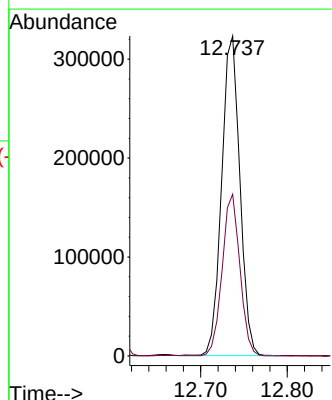
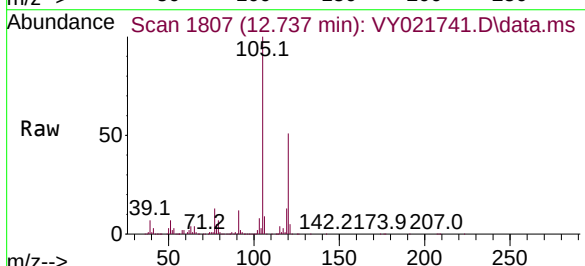
Acq: 01 Apr 2025 15:05

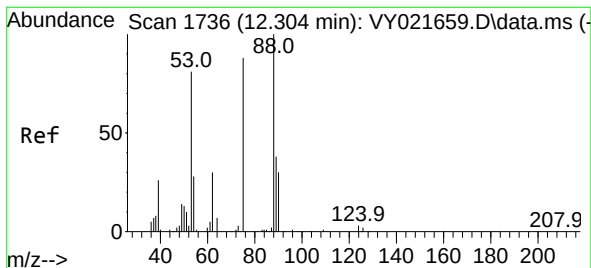
Tgt Ion: 105 Resp: 472320

Ion Ratio Lower Upper

105 100

120 49.3 24.5 73.5

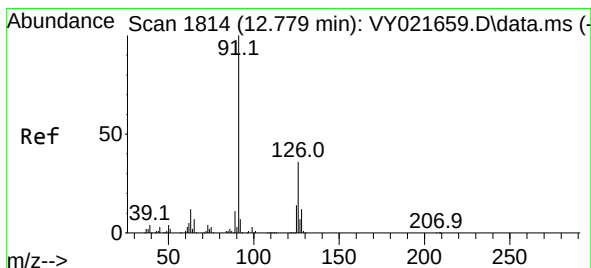
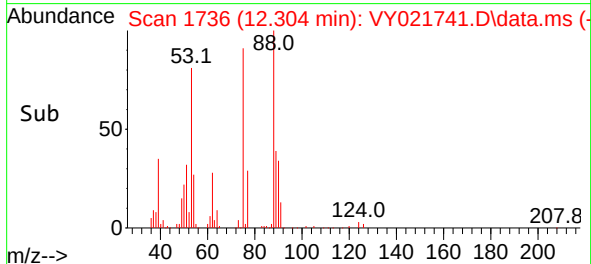
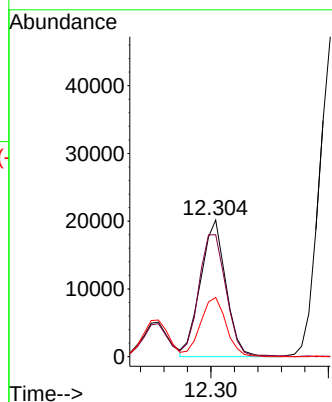
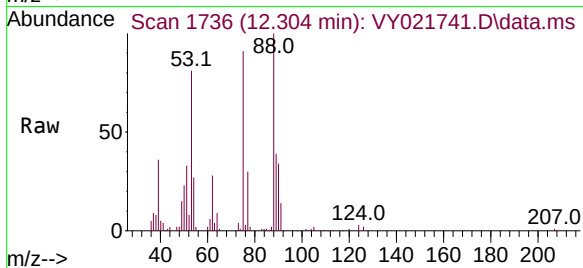




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.557 ug/l
 RT: 12.304 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

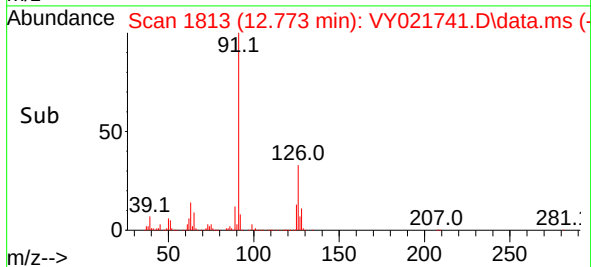
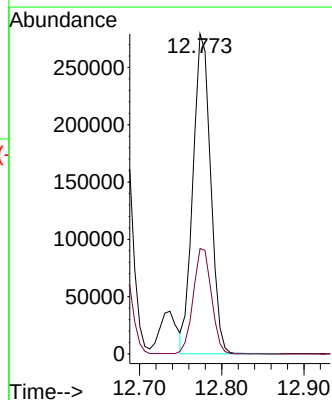
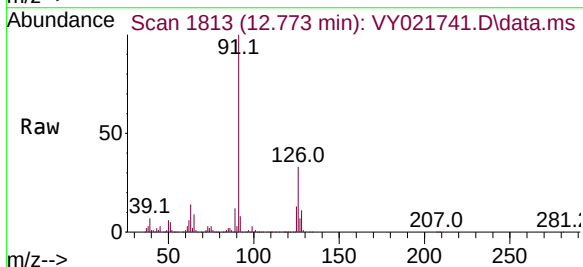
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MSD

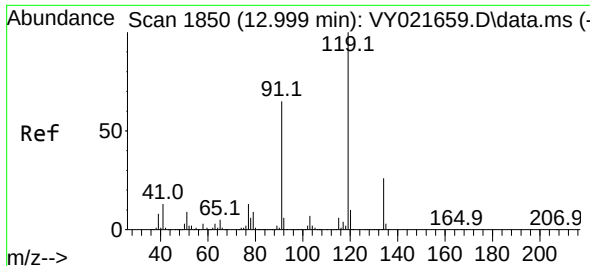
Tgt Ion: 75 Resp: 30305
 Ion Ratio Lower Upper
 75 100
 53 96.5 76.1 114.1
 89 43.7 36.2 54.4



#82
 4-Chlorotoluene
 Concen: 50.901 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

Tgt Ion: 91 Resp: 416429
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 50.9

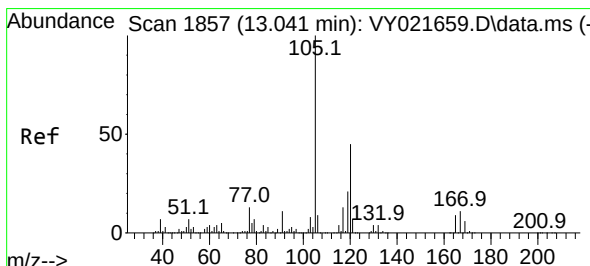
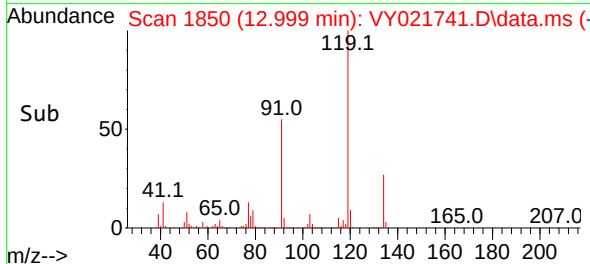
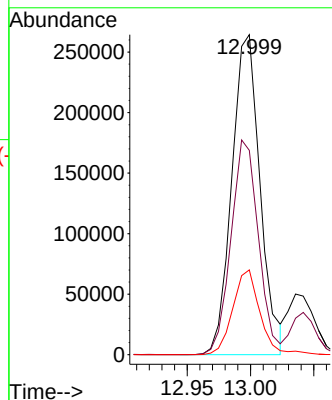
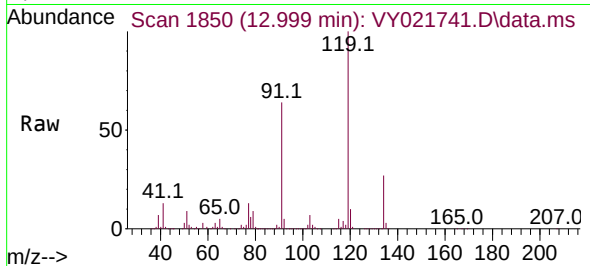




#83
 tert-Butylbenzene
 Concen: 50.243 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

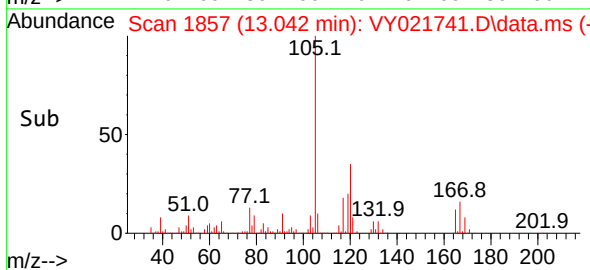
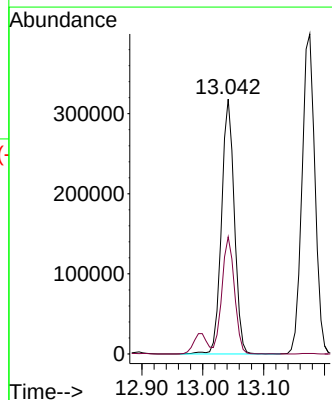
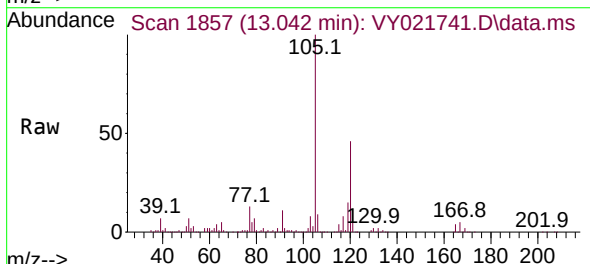
Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MSD

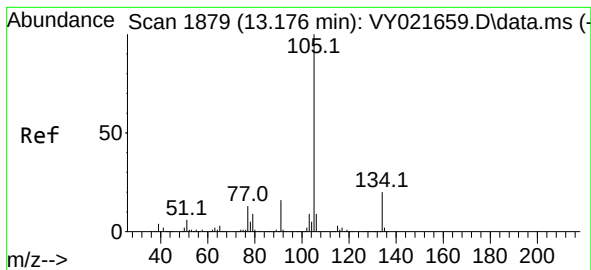
Tgt Ion:	119	Resp:	411026
Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.6	97.7
134	25.6	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.214 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021741.D
 Acq: 01 Apr 2025 15:05

Tgt Ion:	105	Resp:	464906
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 49.164 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

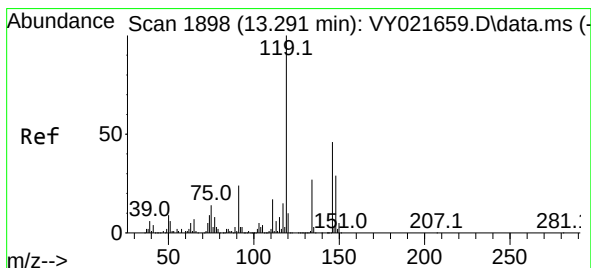
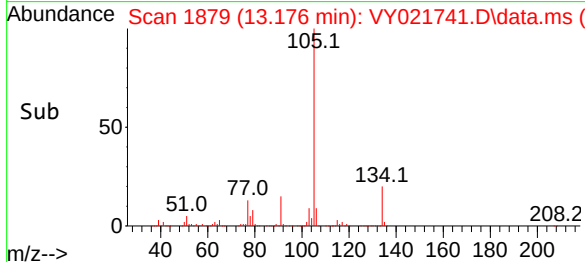
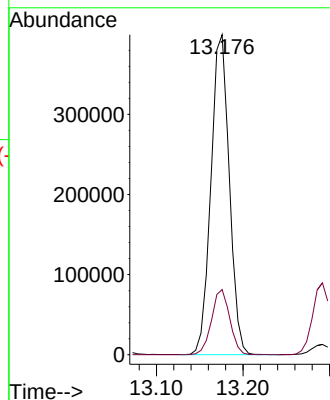
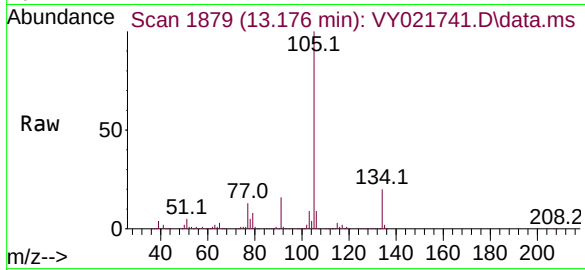
P001-BBDGA-001-01MSD

Tgt Ion:105 Resp: 587776

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.691 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

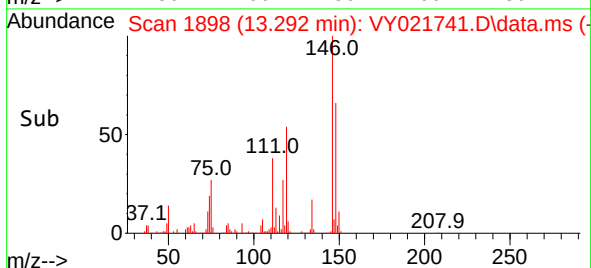
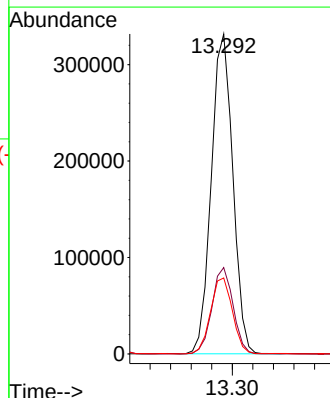
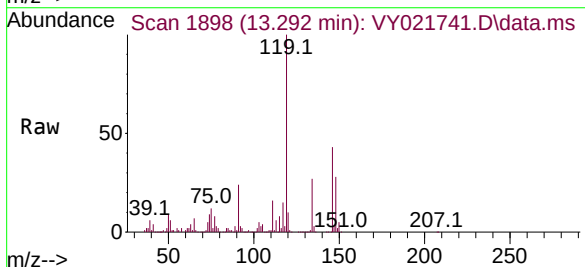
Tgt Ion:119 Resp: 481125

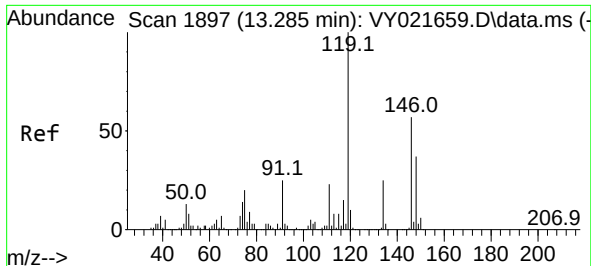
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 24.1 12.0 36.0

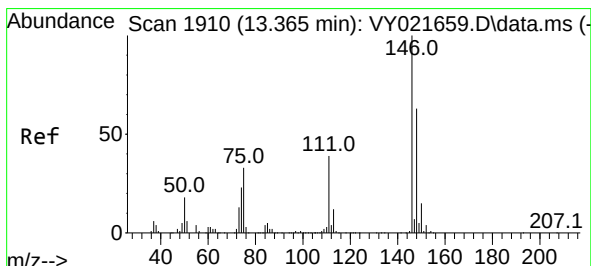
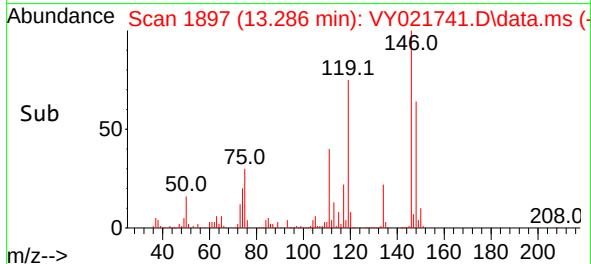
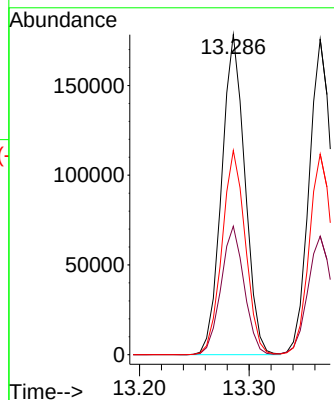
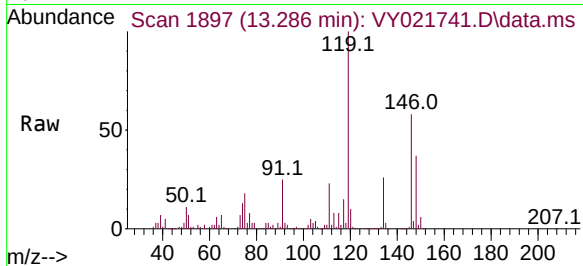




#87
1,3-Dichlorobenzene
Concen: 49.596 ug/l
RT: 13.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

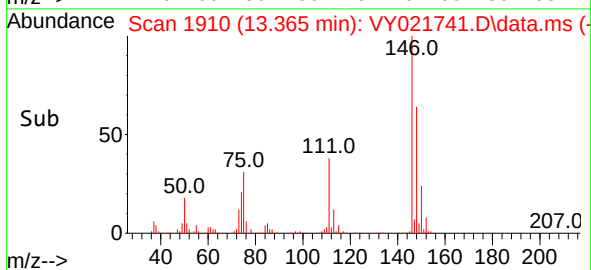
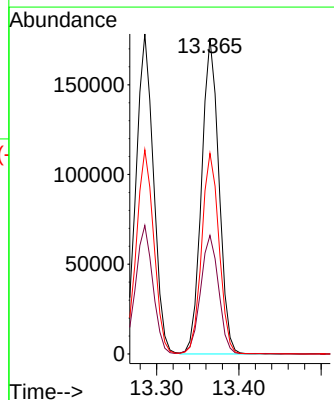
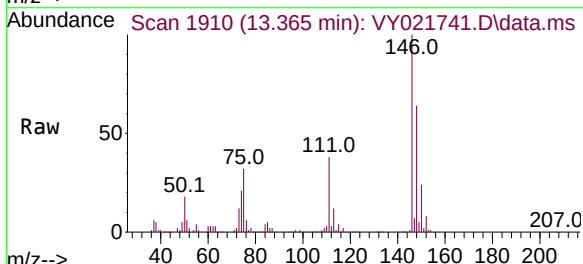
Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MSD

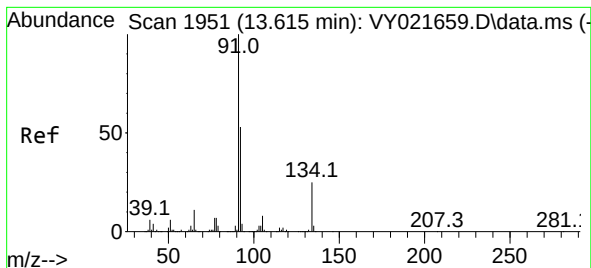
Tgt Ion:146 Resp: 263656
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 63.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.095 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021741.D
Acq: 01 Apr 2025 15:05

Tgt Ion:146 Resp: 257857
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 43.827 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

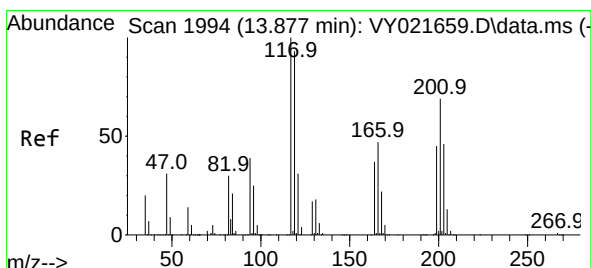
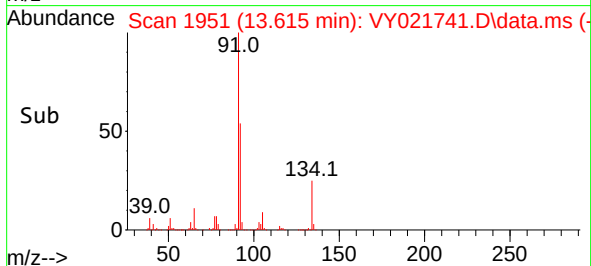
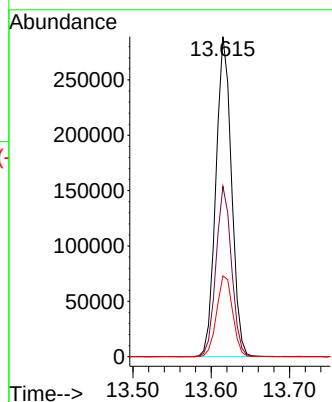
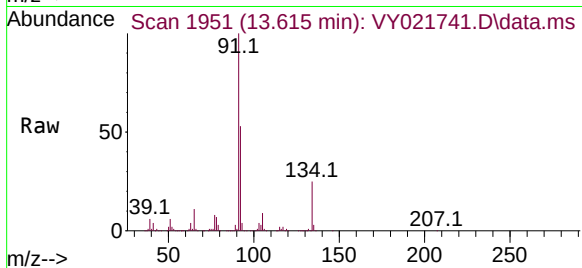
Tgt Ion: 91 Resp: 400506

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 46.617 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021741.D

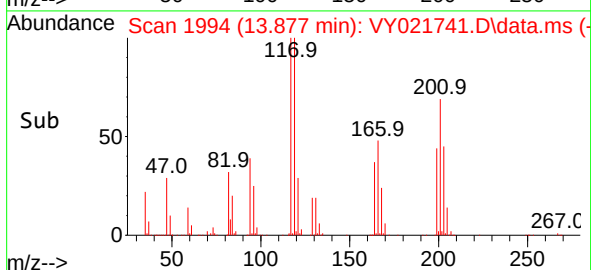
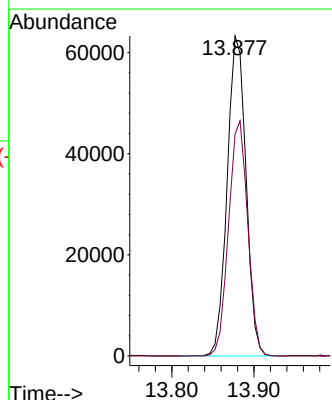
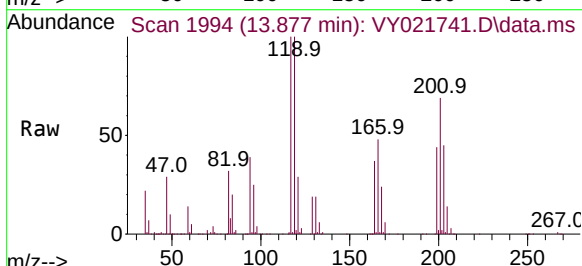
Acq: 01 Apr 2025 15:05

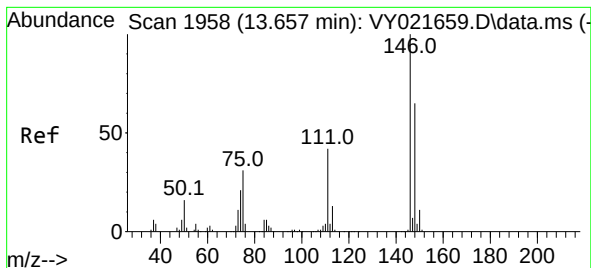
Tgt Ion: 117 Resp: 100941

Ion Ratio Lower Upper

117 100

201 74.6 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 49.531 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

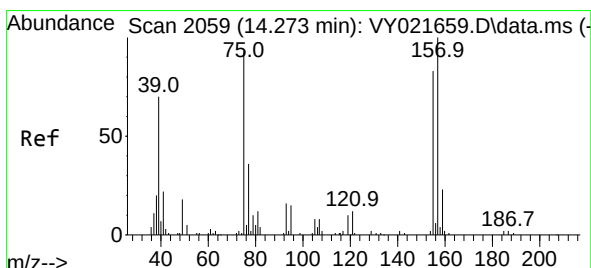
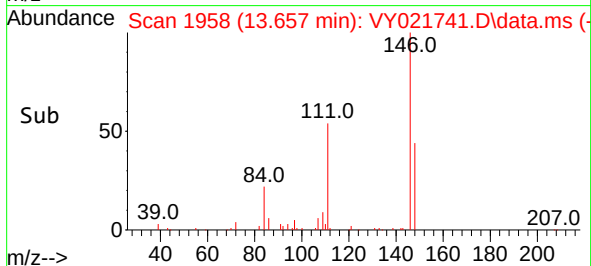
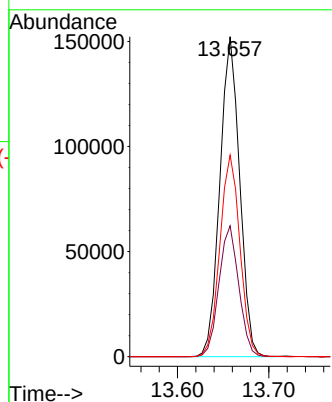
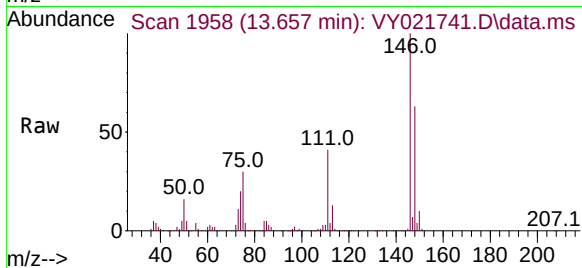
Tgt Ion:146 Resp: 229212

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.204 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

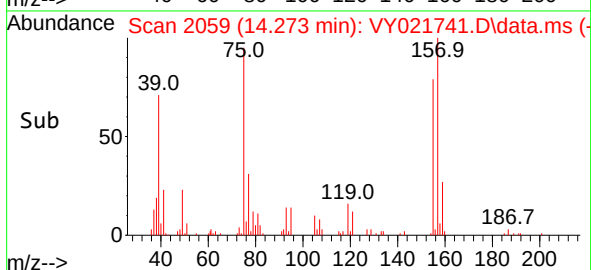
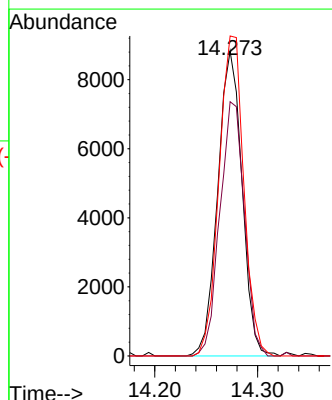
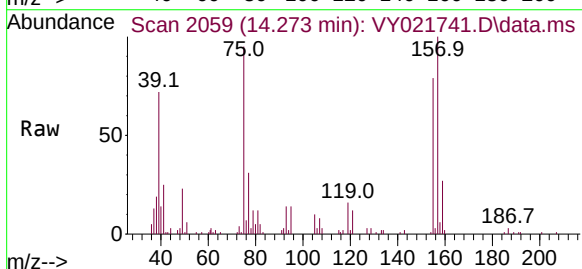
Tgt Ion: 75 Resp: 14469

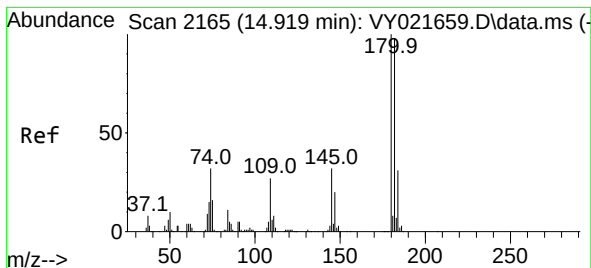
Ion Ratio Lower Upper

75 100

155 83.9 43.0 128.8

157 107.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 42.458 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

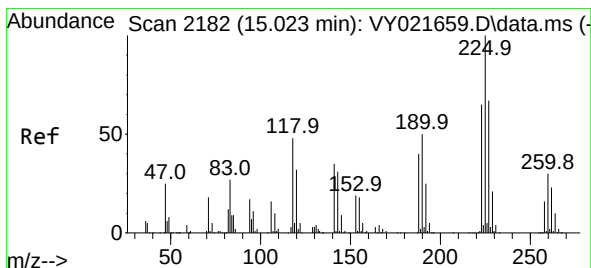
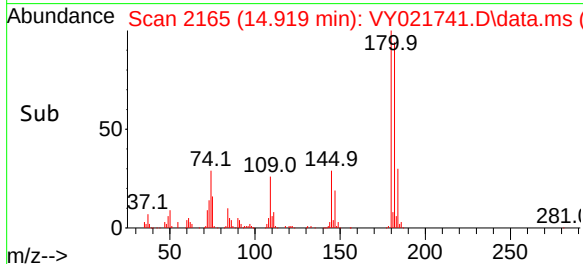
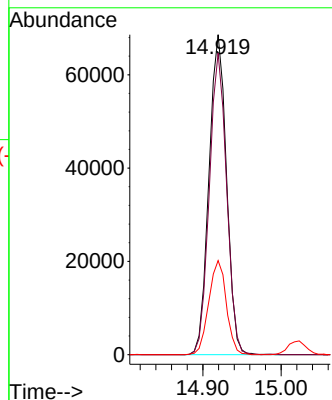
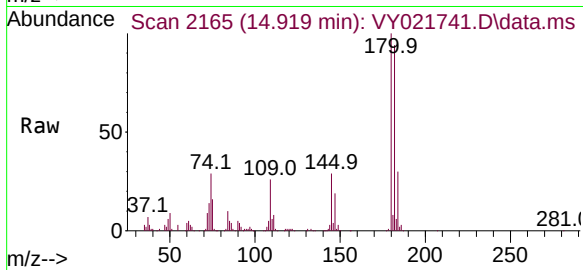
Tgt Ion:180 Resp: 106551

Ion Ratio Lower Upper

180 100

182 92.8 47.5 142.6

145 29.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 29.714 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

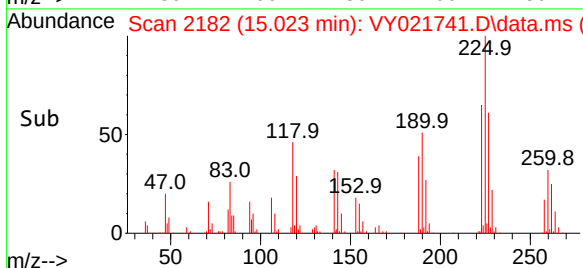
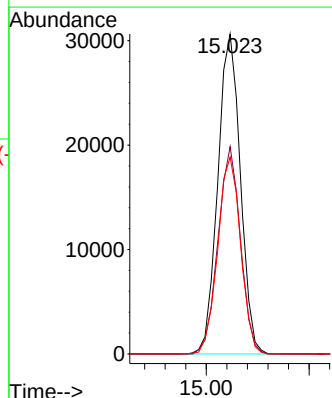
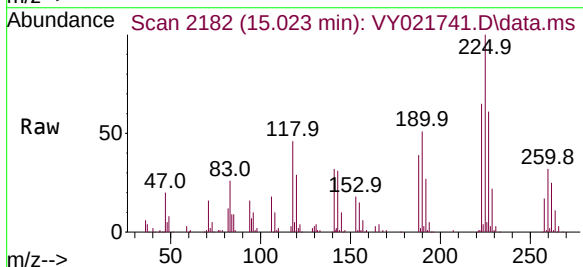
Tgt Ion:225 Resp: 46570

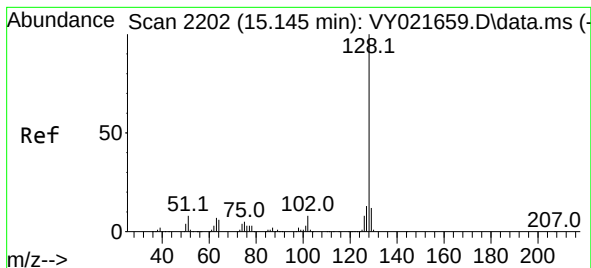
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 62.2 32.4 97.0





#95

Naphthalene

Concen: 43.851 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

P001-BBDGA-001-01MSD

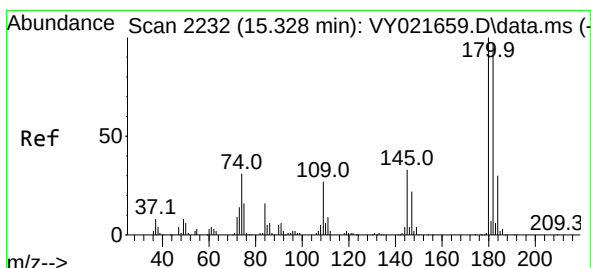
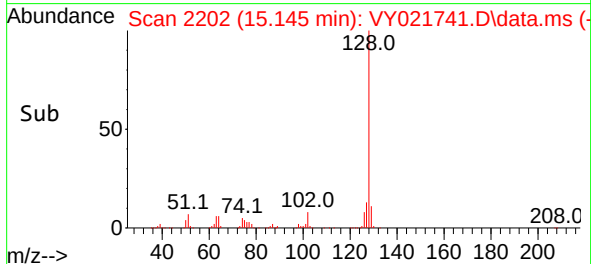
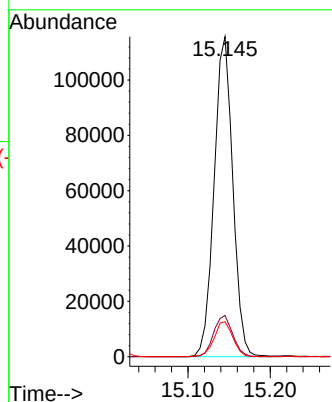
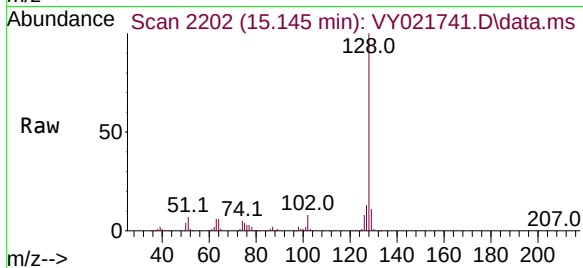
Tgt Ion:128 Resp: 182405

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 42.078 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021741.D

Acq: 01 Apr 2025 15:05

Tgt Ion:180 Resp: 90048

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 31.5 15.9 47.7

