

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021750.D
 Acq On : 02 Apr 2025 10:57
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Quant Time: Apr 03 03:34:39 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	215378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122684	52.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.140%	
35) Dibromofluoromethane	7.634	113	115334	52.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.103	98	441819	53.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.408	95	148046	52.666	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	43201	19.352	ug/l	99
3) Chloromethane	2.068	50	60813	19.373	ug/l	100
4) Vinyl Chloride	2.202	62	68256	19.228	ug/l	97
5) Bromomethane	2.586	94	48178	19.899	ug/l	99
6) Chloroethane	2.732	64	44749	19.264	ug/l	98
7) Trichlorofluoromethane	3.049	101	91183	20.051	ug/l	95
8) Diethyl Ether	3.458	74	24590	19.884	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	47636	19.861	ug/l	97
10) Methyl Iodide	4.000	142	49221	18.707	ug/l	98
11) Tert butyl alcohol	4.854	59	14493	95.619	ug/l	99
12) 1,1-Dichloroethene	3.787	96	44737	19.803	ug/l	95
13) Acrolein	3.653	56	19745	71.343	ug/l	98
14) Allyl chloride	4.378	41	69521	19.301	ug/l	99
15) Acrylonitrile	5.055	53	50482	97.766	ug/l	97
16) Acetone	3.866	43	47400	99.249	ug/l	99
17) Carbon Disulfide	4.104	76	140478	18.879	ug/l	100
18) Methyl Acetate	4.385	43	24021	20.294	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	108512	19.293	ug/l	98
20) Methylene Chloride	4.610	84	52852	20.320	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	48636	19.553	ug/l	99
22) Diisopropyl ether	6.018	45	155072	20.523	ug/l	98
23) Vinyl Acetate	5.957	43	428960	97.044	ug/l	100
24) 1,1-Dichloroethane	5.909	63	90426	20.014	ug/l	99
25) 2-Butanone	6.890	43	67098	98.363	ug/l	97
26) 2,2-Dichloropropane	6.884	77	79250	19.719	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55548	19.858	ug/l	98
28) Bromochloromethane	7.244	49	39400	20.678	ug/l	97
29) Tetrahydrofuran	7.262	42	43156	98.301	ug/l	100
30) Chloroform	7.421	83	93782	19.957	ug/l	99
31) Cyclohexane	7.701	56	77716	18.870	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	83835	19.739	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65999	19.835	ug/l	99
37) Ethyl Acetate	6.982	43	31336	19.955	ug/l	99
38) Carbon Tetrachloride	7.817	117	76632	20.108	ug/l	98
39) Methylcyclohexane	9.109	83	77103	19.397	ug/l	98
40) Benzene	8.079	78	199468	20.018	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15933	19.105	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	56309	20.045	ug/l	99
43) Isopropyl Acetate	8.195	43	58268	19.580	ug/l	99
44) Trichloroethene	8.865	130	52917	20.842	ug/l	90
45) 1,2-Dichloropropane	9.140	63	48365	20.505	ug/l	99
46) Dibromomethane	9.231	93	27584	20.292	ug/l	97
47) Bromodichloromethane	9.420	83	72602	20.612	ug/l	98
48) Methyl methacrylate	9.219	41	26435	19.355	ug/l	100
49) 1,4-Dioxane	9.225	88	6231	427.884	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	155769	100.584	ug/l	100
52) Toluene	10.170	92	128488	20.667	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	63094	20.166	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	73990	20.046	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	36994	21.147	ug/l	97
56) Ethyl methacrylate	10.438	69	44073	19.731	ug/l	97
57) 1,3-Dichloropropane	10.719	76	61582	20.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	110463	101.372	ug/l	100
59) 2-Hexanone	10.761	43	102302	99.190	ug/l	100
60) Dibromochloromethane	10.914	129	48821	20.441	ug/l	100
61) 1,2-Dibromoethane	11.011	107	33090	20.164	ug/l	98
64) Tetrachloroethene	10.646	164	58885	21.446	ug/l	98
65) Chlorobenzene	11.444	112	138388	20.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	48928	19.955	ug/l	97
67) Ethyl Benzene	11.517	91	232020	19.579	ug/l	99
68) m/p-Xylenes	11.627	106	182666	40.254	ug/l	99
69) o-Xylene	11.956	106	83692	19.980	ug/l	99
70) Styrene	11.969	104	140569	20.127	ug/l	99
71) Bromoform	12.133	173	29559	21.134	ug/l #	95
73) Isopropylbenzene	12.255	105	219764	18.676	ug/l	99
74) N-amyl acetate	12.072	43	50849	18.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	38303	18.105	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	53586	34.121	ug/l #	100
77) Bromobenzene	12.529	156	54040	19.127	ug/l	99
78) n-propylbenzene	12.597	91	271102	19.163	ug/l	100
79) 2-Chlorotoluene	12.682	91	156495	19.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	184636	19.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13168	19.320	ug/l	97
82) 4-Chlorotoluene	12.779	91	164332	19.183	ug/l	99
83) tert-Butylbenzene	12.999	119	160329	18.717	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	183007	19.253	ug/l	100
85) sec-Butylbenzene	13.176	105	239474	19.129	ug/l	99
86) p-Isopropyltoluene	13.291	119	199409	19.273	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	109526	19.676	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	106740	19.409	ug/l	98
89) n-Butylbenzene	13.621	91	182135	19.034	ug/l	99
90) Hexachloroethane	13.883	117	43198	19.052	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	94460	19.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6695	20.417	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	49538	18.852	ug/l	99
94) Hexachlorobutadiene	15.023	225	33086	20.161	ug/l	95
95) Naphthalene	15.145	128	79110	18.163	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	42262	18.860	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

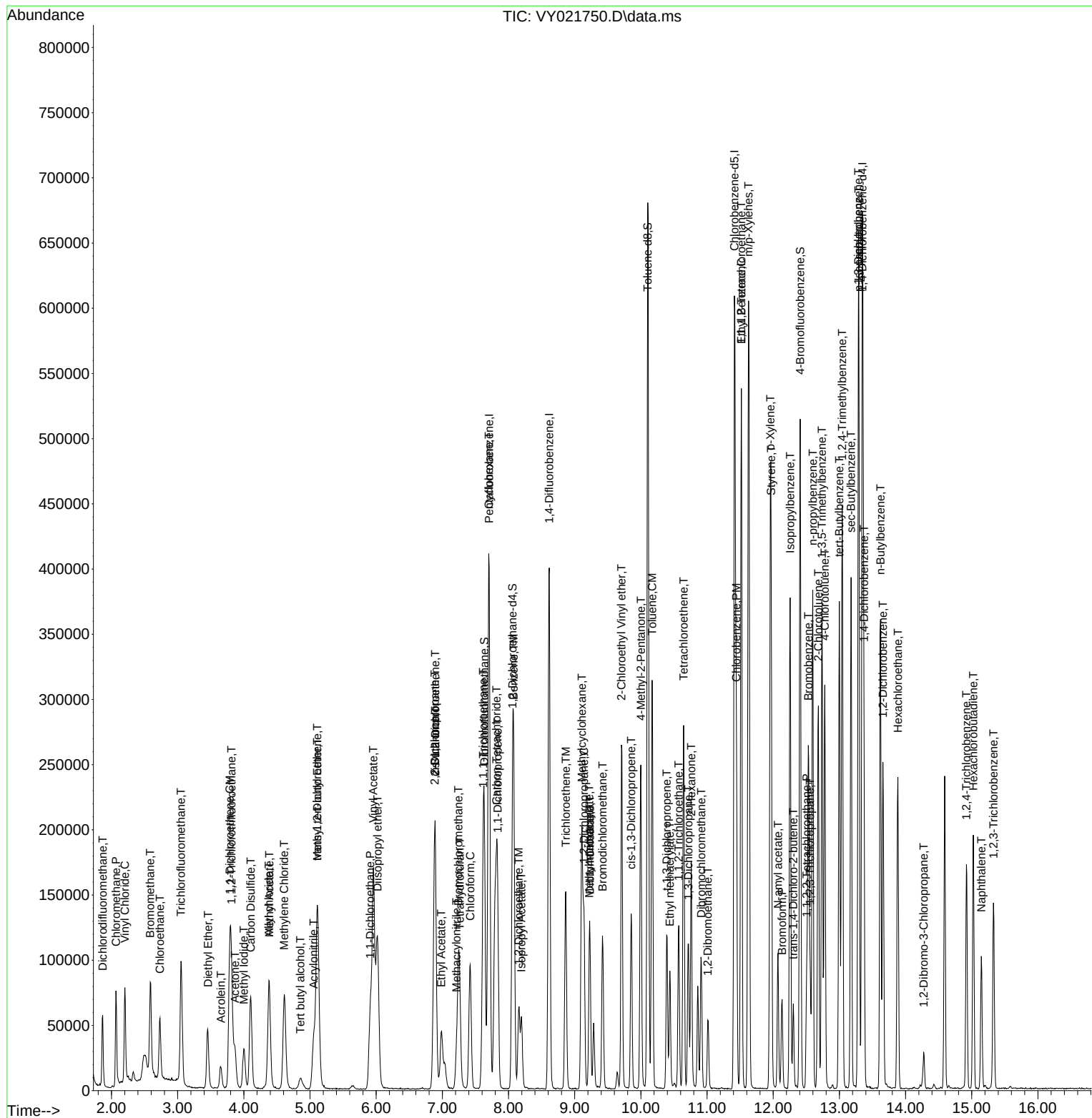
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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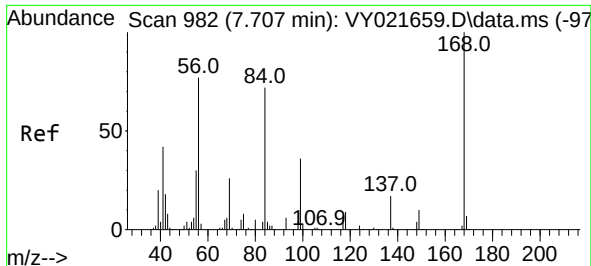
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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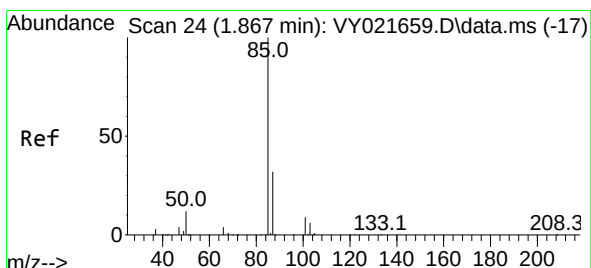
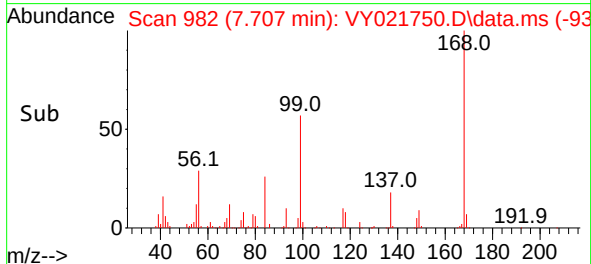
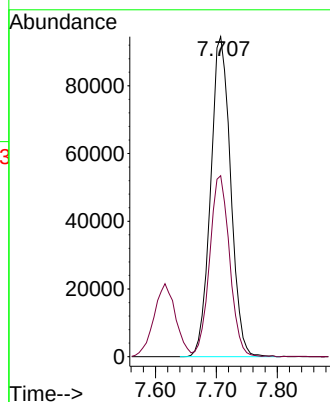
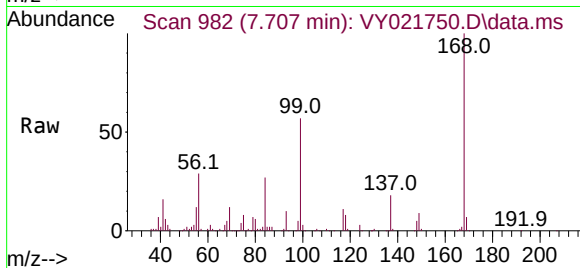




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

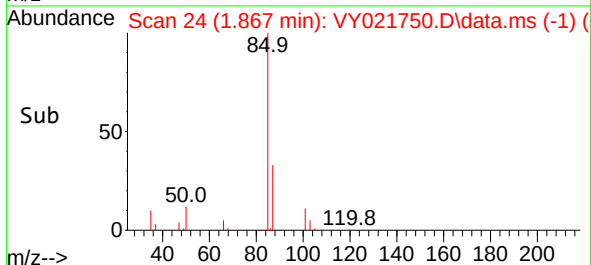
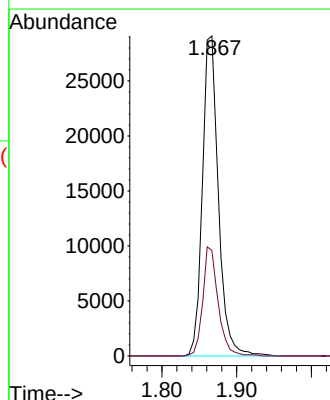
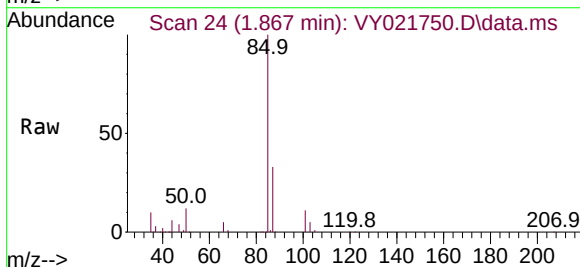
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

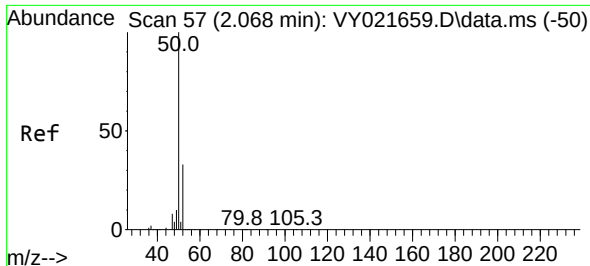
Tgt Ion:168 Resp: 215378
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.352 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 85 Resp: 43201
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

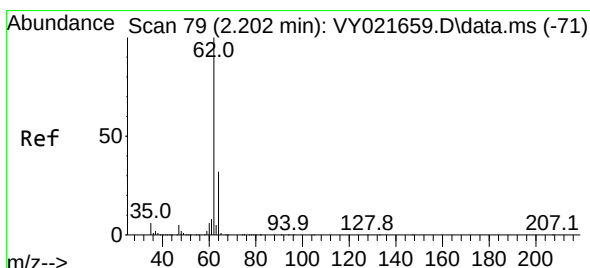
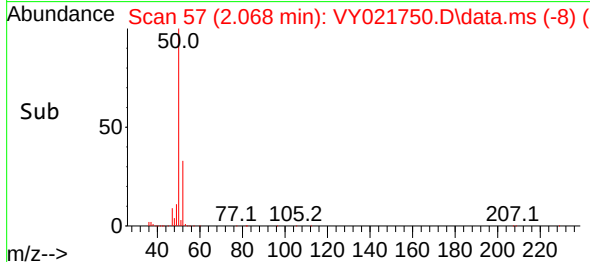
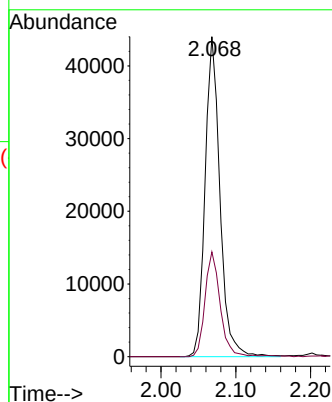
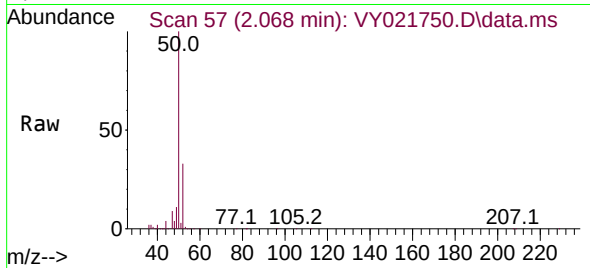




#3
Chloromethane
Concen: 19.373 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

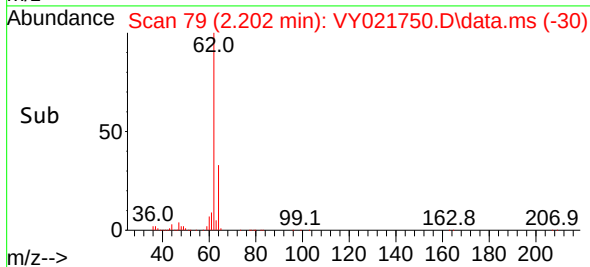
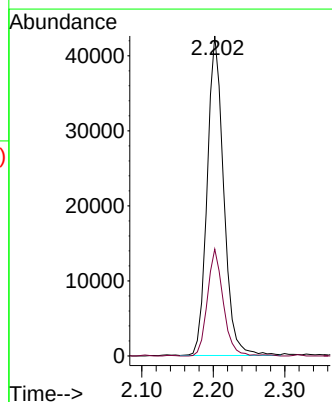
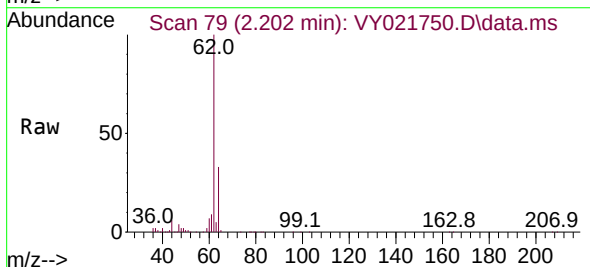
Instrument :
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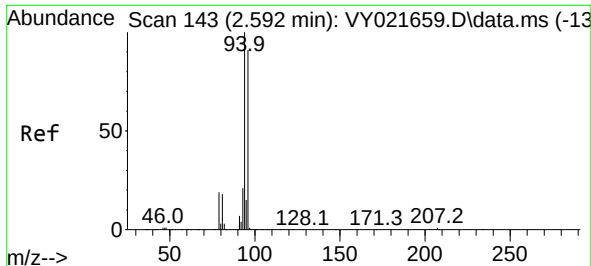
Tgt Ion: 50 Resp: 60813
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 19.228 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 62 Resp: 68256
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

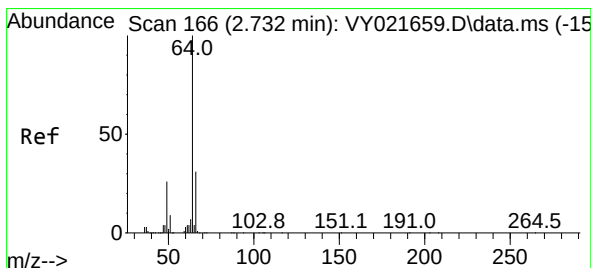
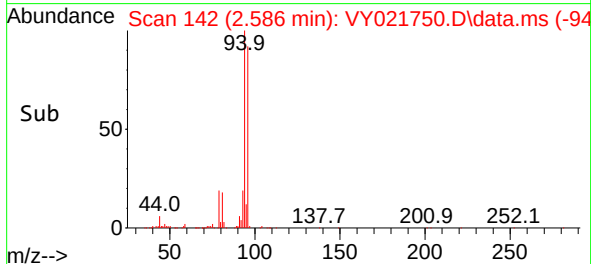
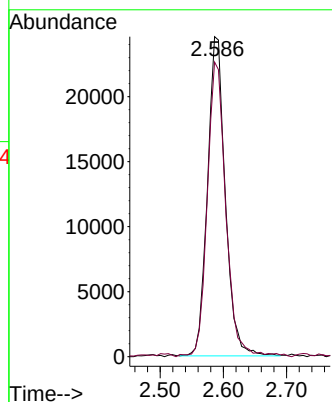
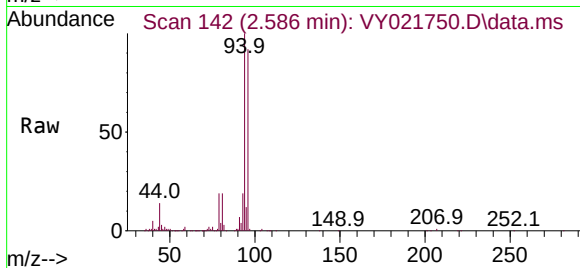




#5
Bromomethane
Concen: 19.899 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021750.D
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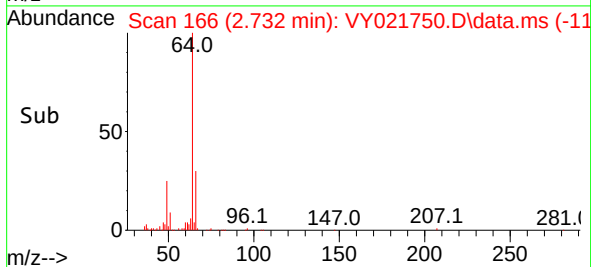
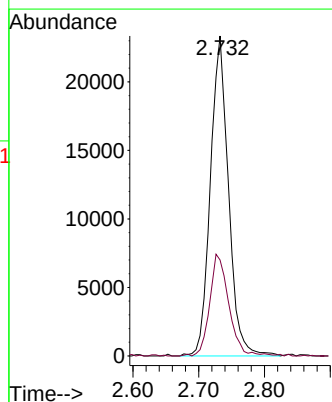
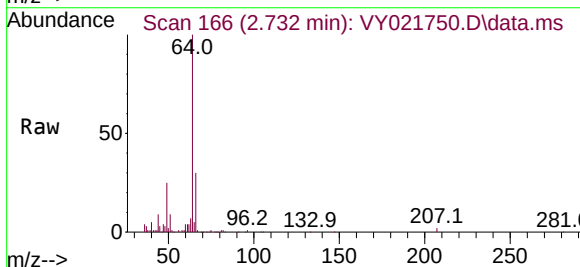
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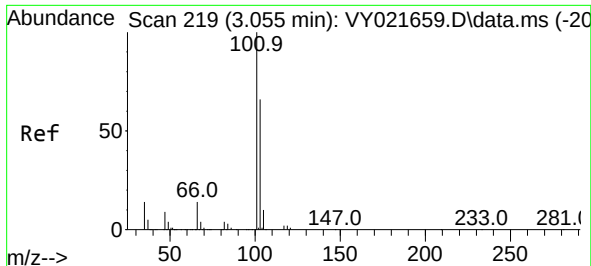
Tgt Ion: 94 Resp: 48178
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2



#6
Chloroethane
Concen: 19.264 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 64 Resp: 44749
Ion Ratio Lower Upper
64 100
66 30.0 24.9 37.3

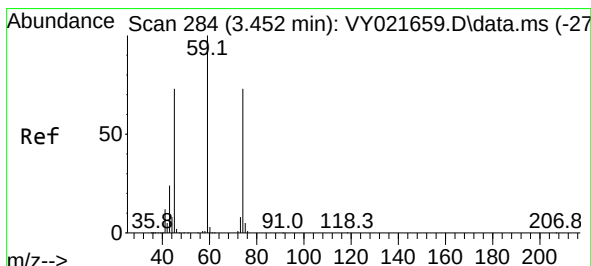
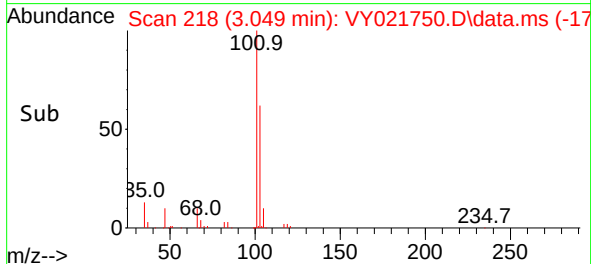
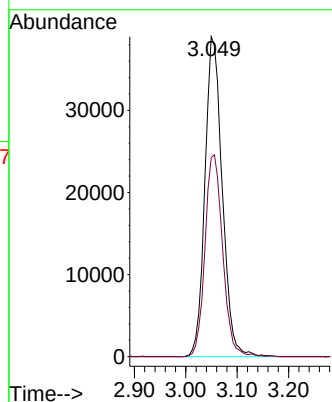
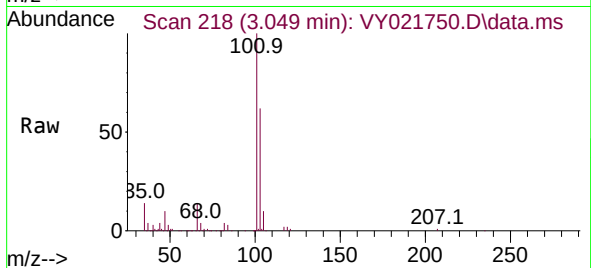




#7
Trichlorofluoromethane
Concen: 20.051 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

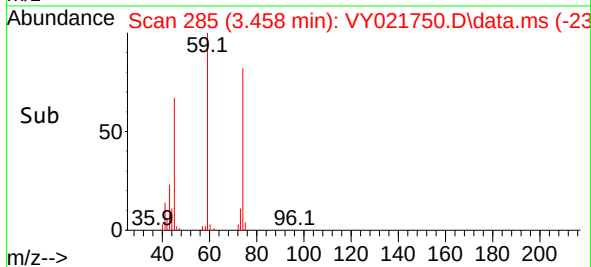
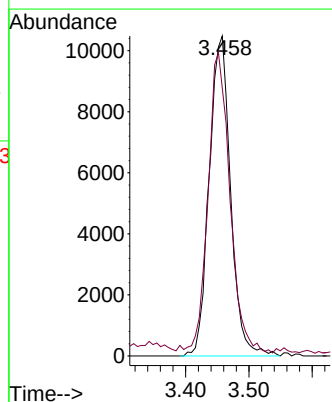
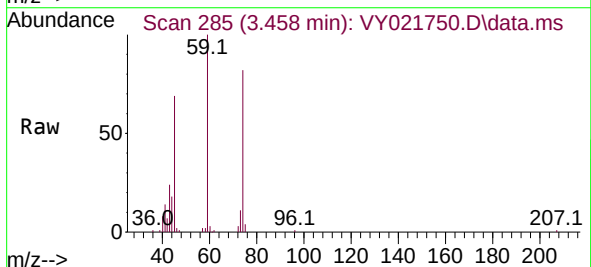
Instrument :
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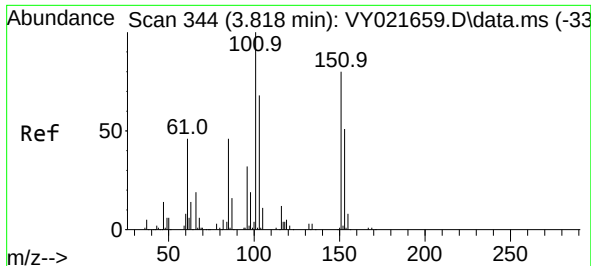
Tgt Ion:101 Resp: 91183
Ion Ratio Lower Upper
101 100
103 62.2 53.1 79.7



#8
Diethyl Ether
Concen: 19.884 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 74 Resp: 24590
Ion Ratio Lower Upper
74 100
45 96.8 48.6 145.8

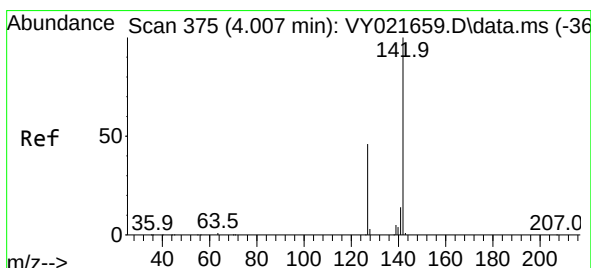
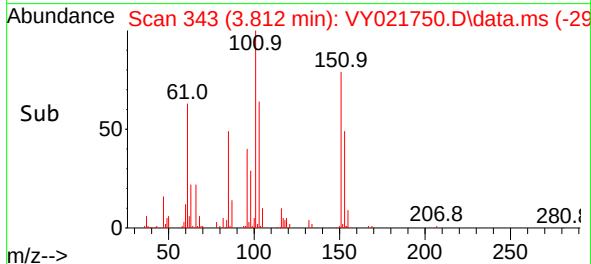
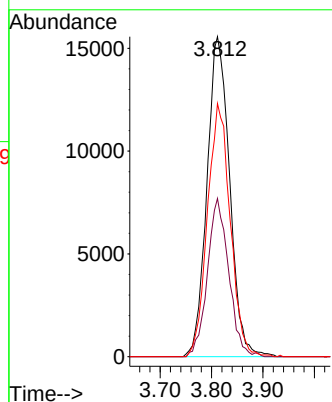
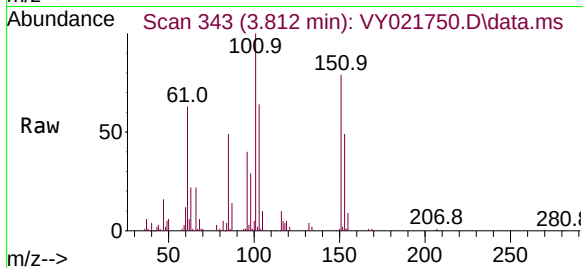




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.861 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

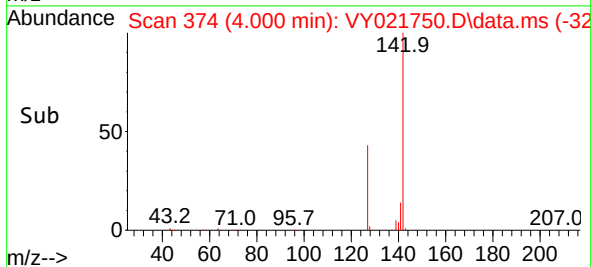
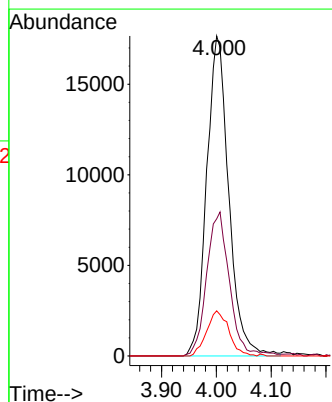
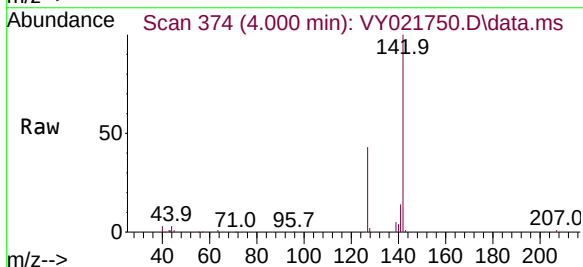
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

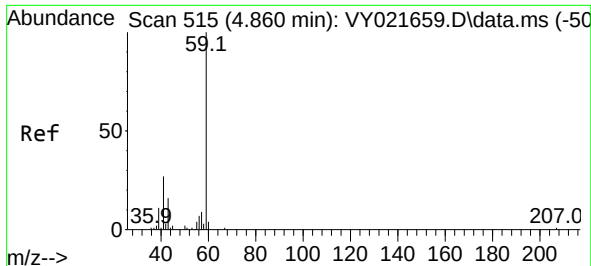
Tgt Ion:101 Resp: 47636
Ion Ratio Lower Upper
101 100
85 46.4 36.3 54.5
151 79.5 61.3 91.9



#10
Methyl Iodide
Concen: 18.707 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion:142 Resp: 49221
Ion Ratio Lower Upper
142 100
127 46.6 38.7 58.1
141 14.2 11.5 17.3

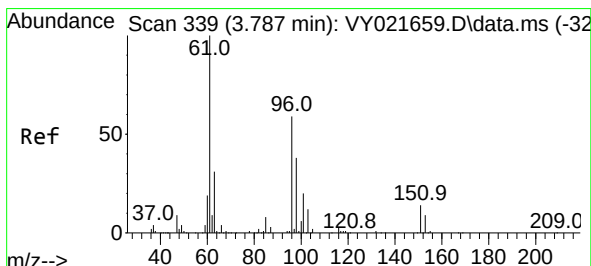
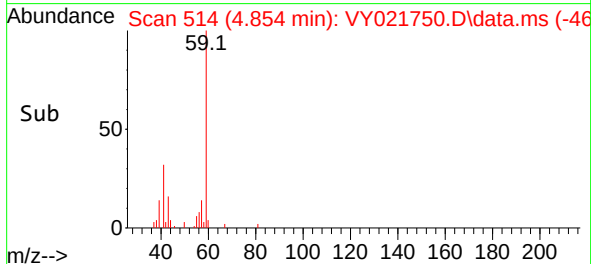
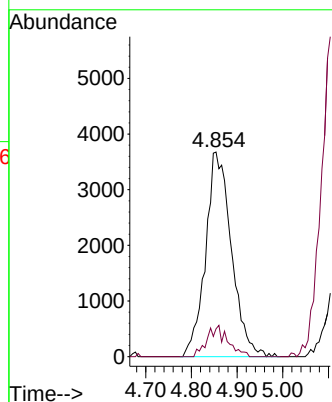
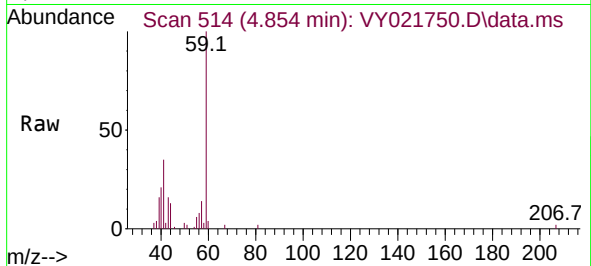




#11
Tert butyl alcohol
Concen: 95.619 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

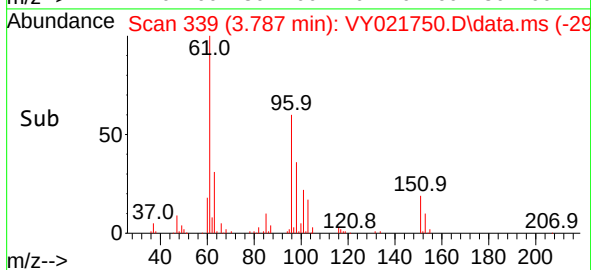
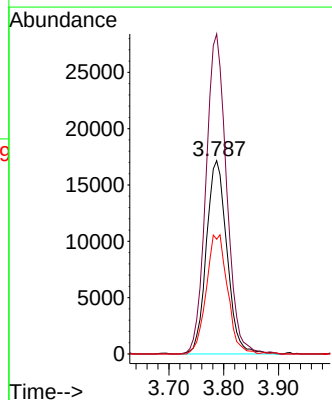
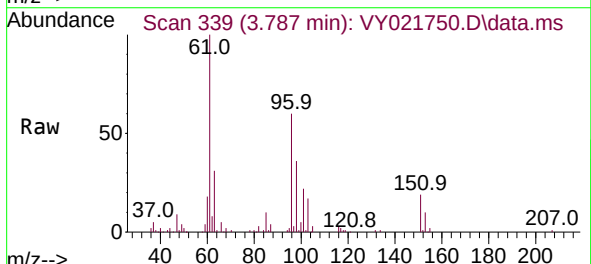
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

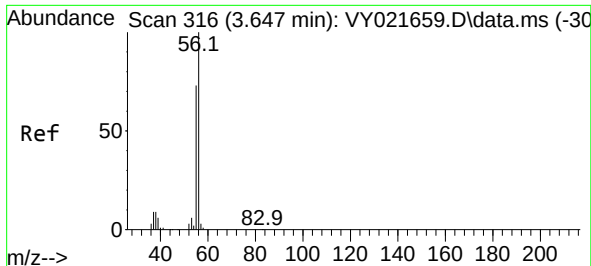
Tgt Ion: 59 Resp: 14493
Ion Ratio Lower Upper
59 100
57 12.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.803 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 96 Resp: 44737
Ion Ratio Lower Upper
96 100
61 165.5 136.6 204.8
98 59.3 52.3 78.5





#13

Acrolein

Concen: 71.343 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

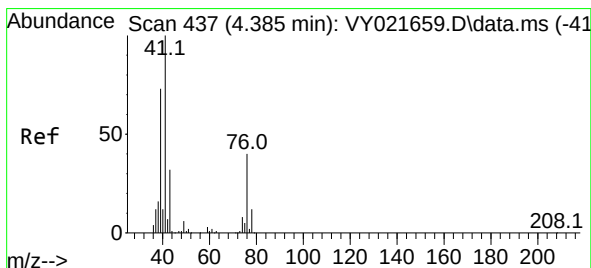
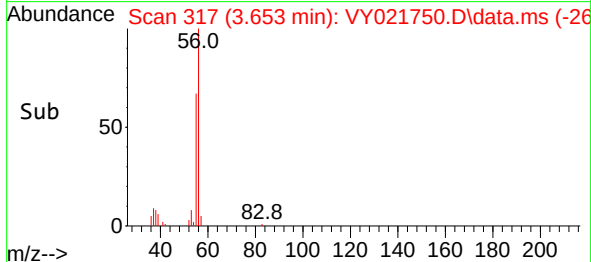
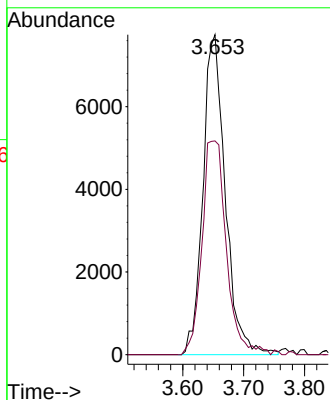
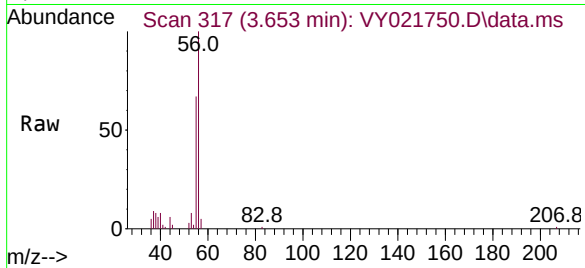
VY0402SBS01

Tgt Ion: 56 Resp: 19745

Ion Ratio Lower Upper

56 100

55 72.8 56.6 85.0



#14

Allyl chloride

Concen: 19.301 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

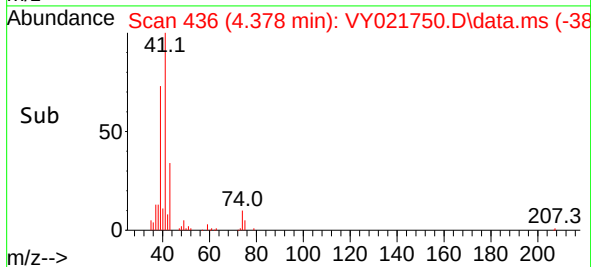
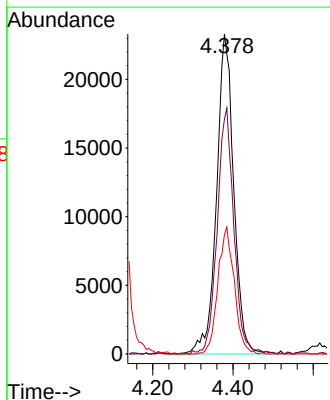
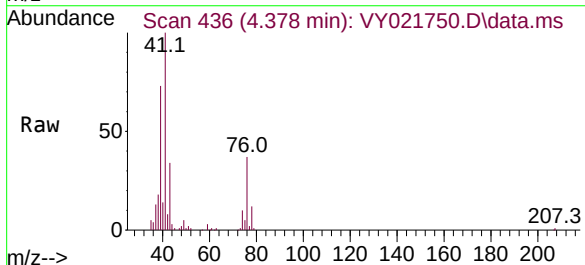
Tgt Ion: 41 Resp: 69521

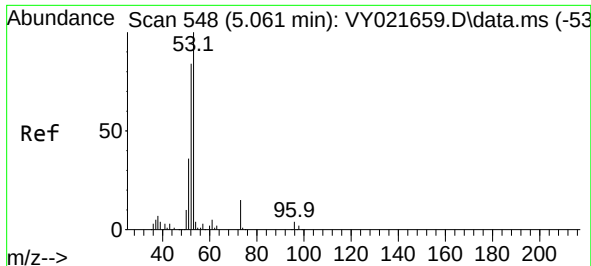
Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

76 37.7 30.3 45.5

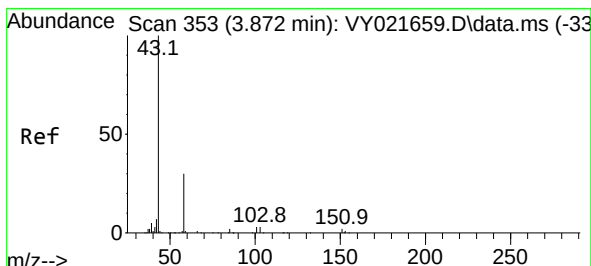
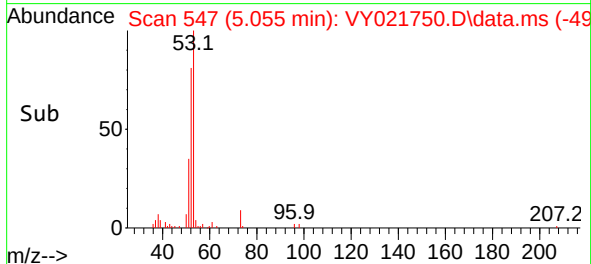
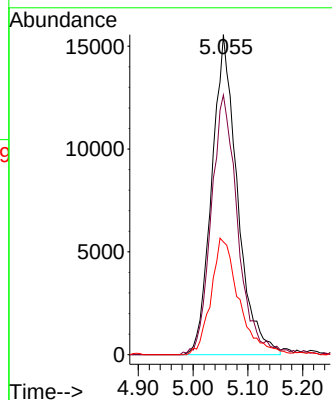
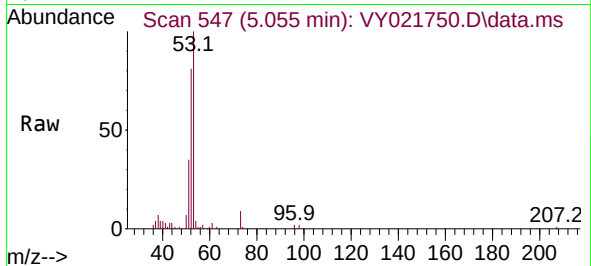




#15
Acrylonitrile
Concen: 97.766 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

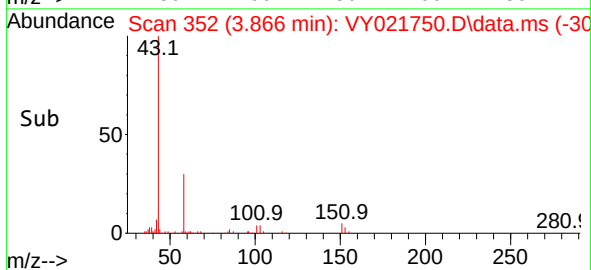
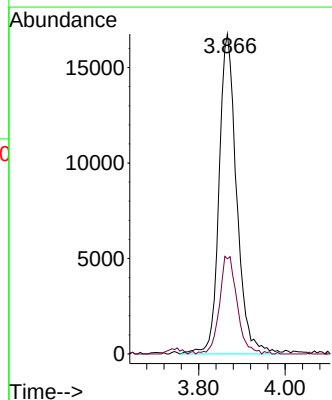
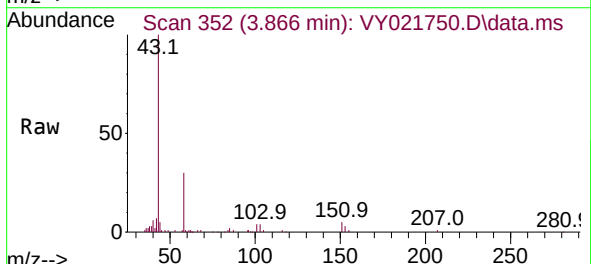
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

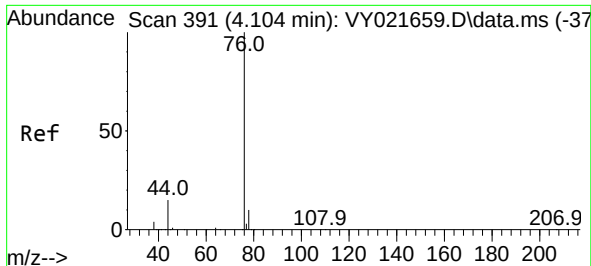
Tgt Ion: 53 Resp: 50482
Ion Ratio Lower Upper
53 100
52 84.0 64.9 97.3
51 39.7 30.2 45.2



#16
Acetone
Concen: 99.249 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 43 Resp: 47400
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4

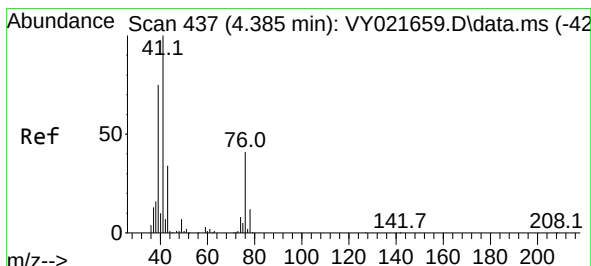
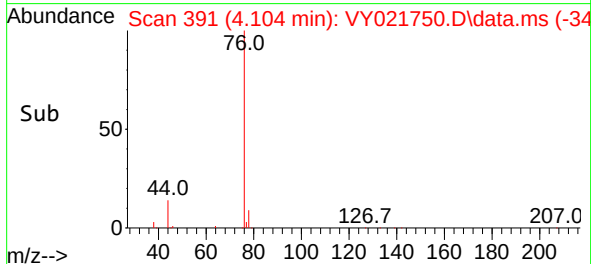
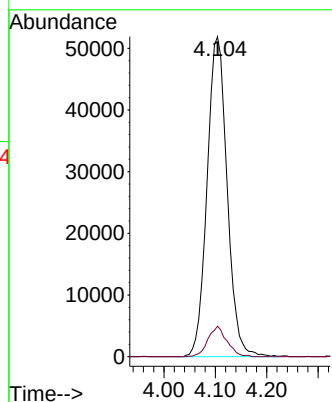
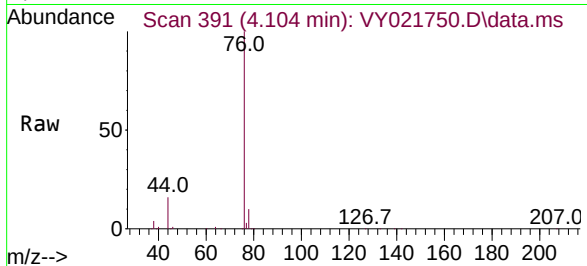




#17
Carbon Disulfide
Concen: 18.879 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

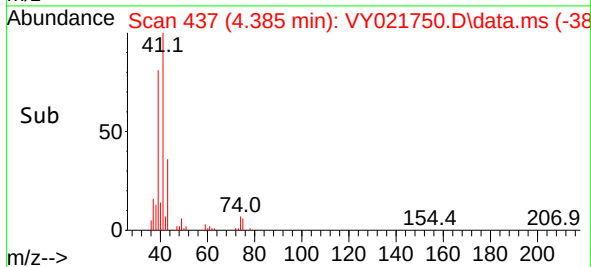
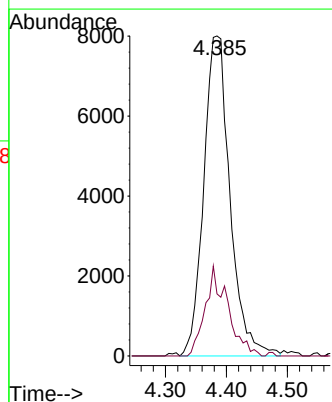
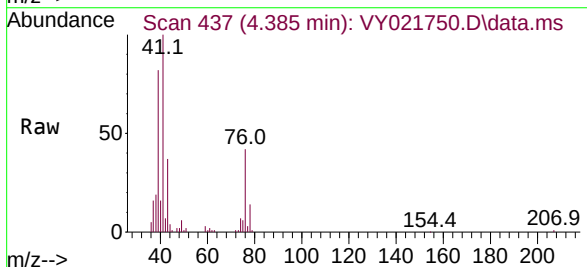
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

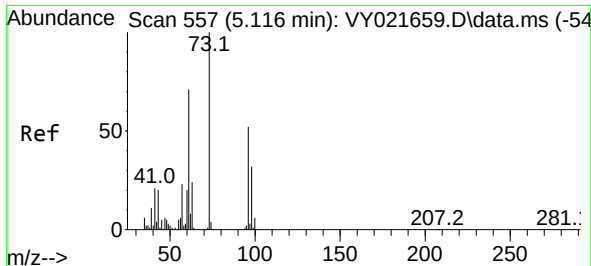
Tgt Ion: 76 Resp: 140478
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 20.294 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 43 Resp: 24021
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.293 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

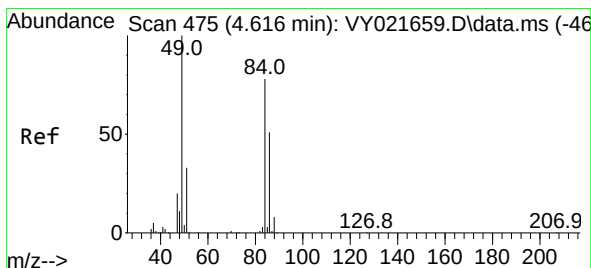
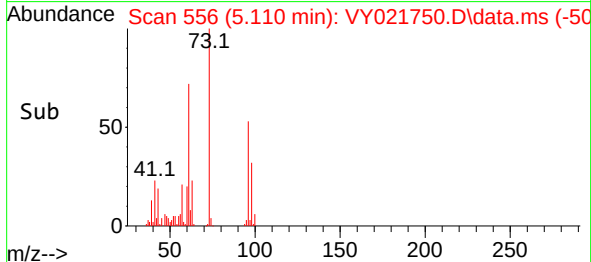
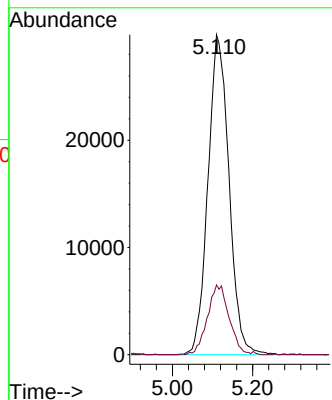
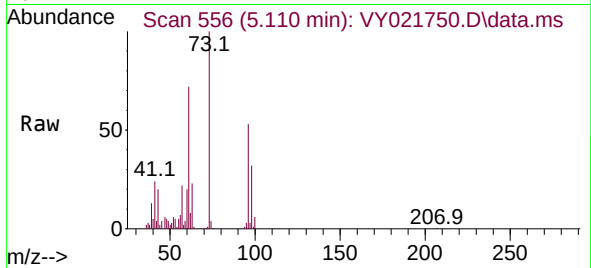
VY0402SBS01

Tgt Ion: 73 Resp: 108512

Ion Ratio Lower Upper

73 100

57 21.8 18.1 27.1



#20

Methylene Chloride

Concen: 20.320 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Tgt Ion: 84 Resp: 52852

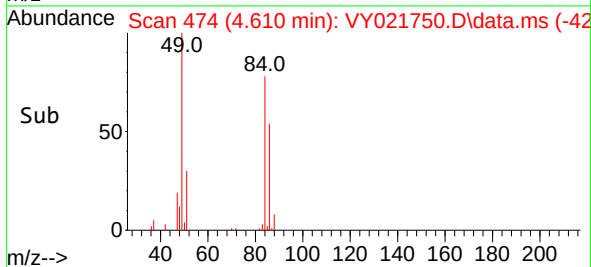
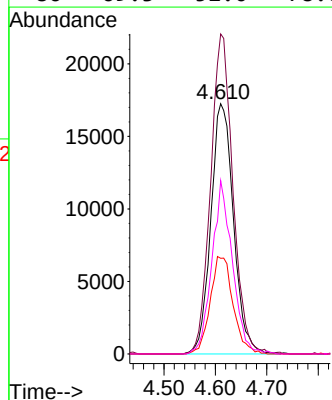
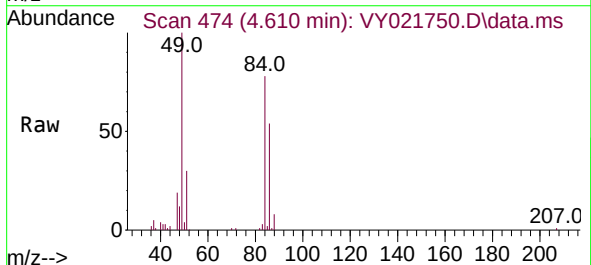
Ion Ratio Lower Upper

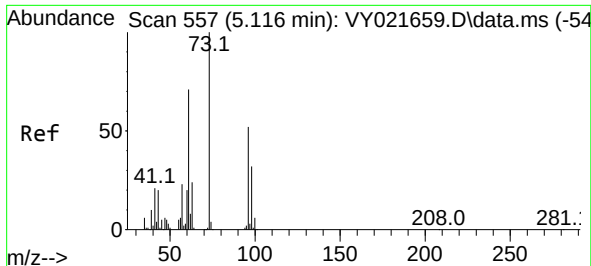
84 100

49 127.9 102.8 154.2

51 38.2 33.5 50.3

86 69.3 52.0 78.0

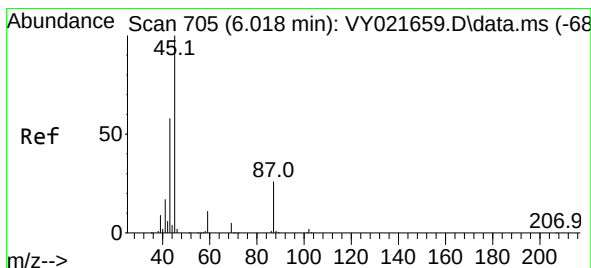
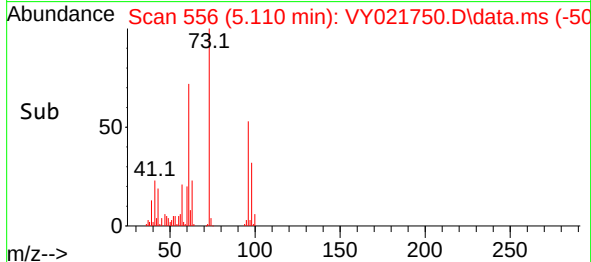
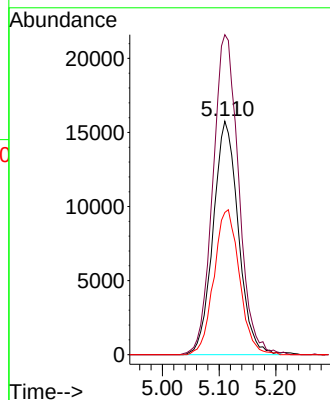
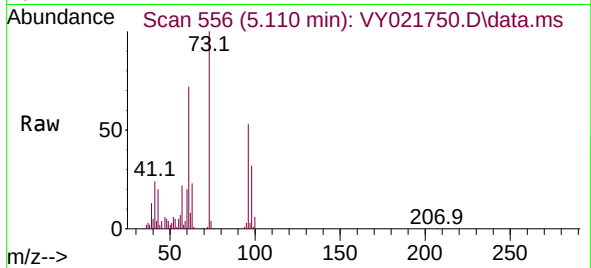




#21
trans-1,2-Dichloroethene
Concen: 19.553 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

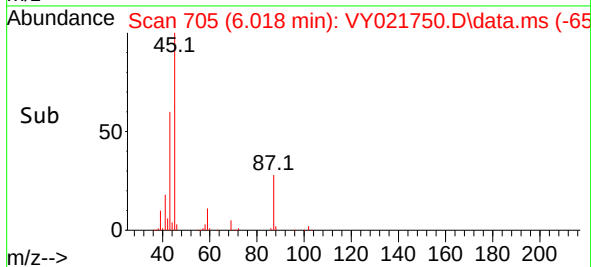
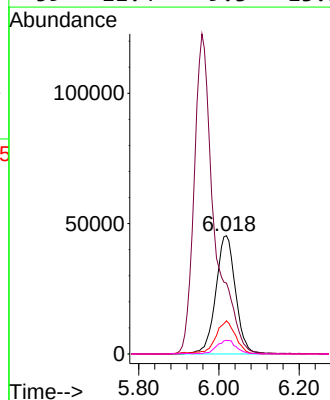
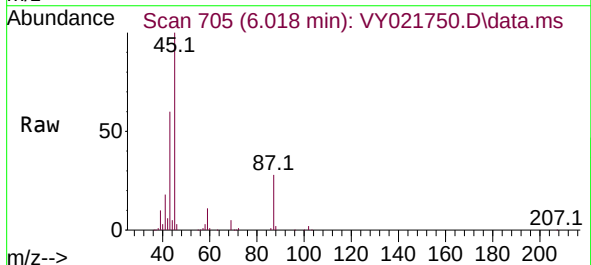
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

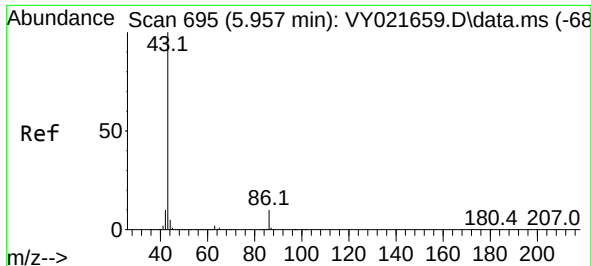
Tgt Ion: 96 Resp: 48636
Ion Ratio Lower Upper
96 100
61 137.0 109.4 164.0
98 60.9 50.2 75.2



#22
Diisopropyl ether
Concen: 20.523 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 45 Resp: 155072
Ion Ratio Lower Upper
45 100
43 59.5 46.6 69.8
87 28.0 20.7 31.1
59 11.4 9.3 13.9

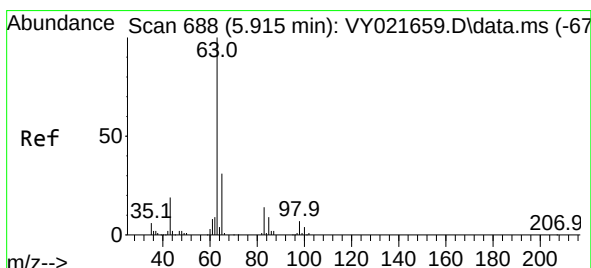
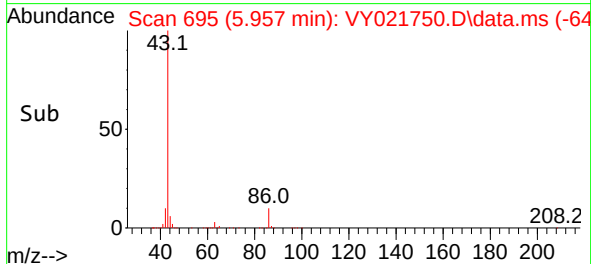
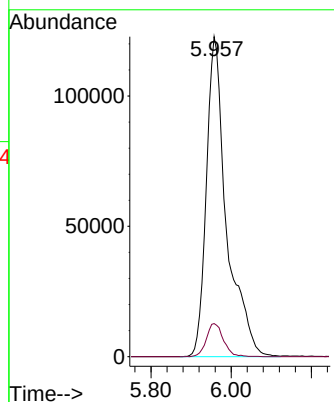
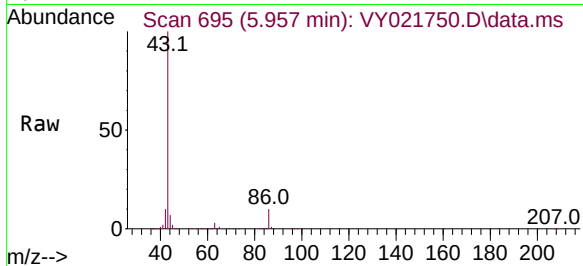




#23
 Vinyl Acetate
 Concen: 97.044 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

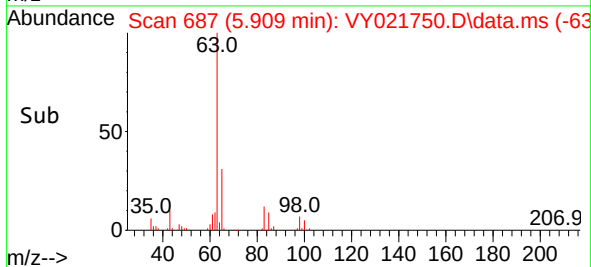
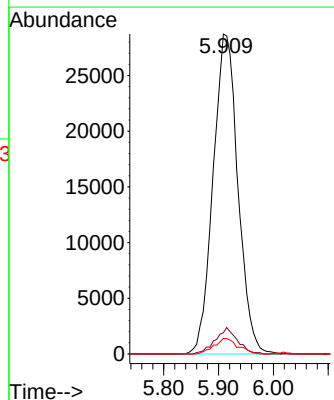
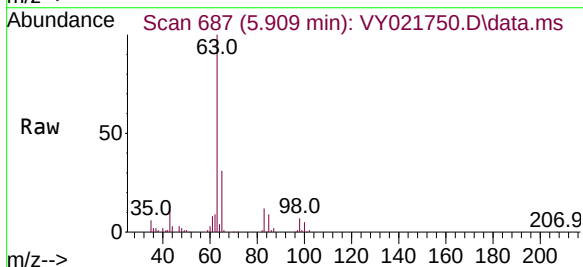
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

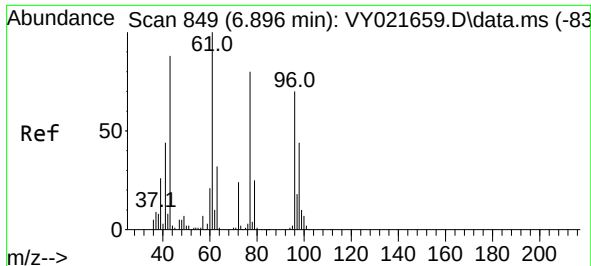
Tgt Ion: 43 Resp: 428960
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.014 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

Tgt Ion: 63 Resp: 90426
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.8 2.2 6.6

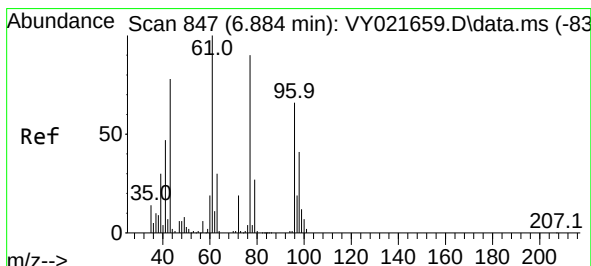
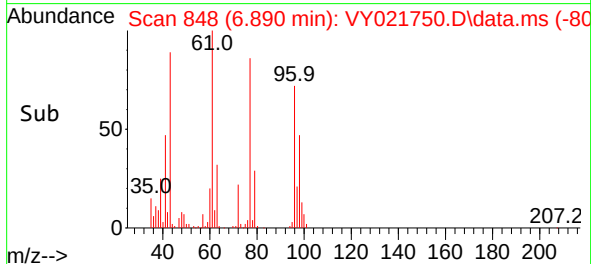
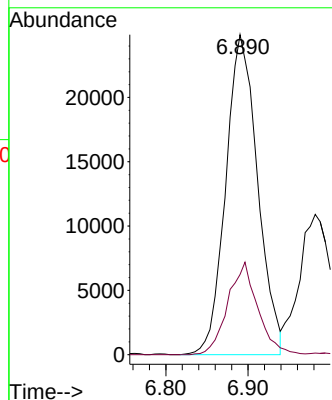
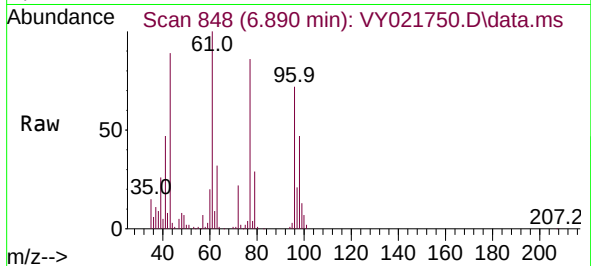




#25
2-Butanone
Concen: 98.363 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

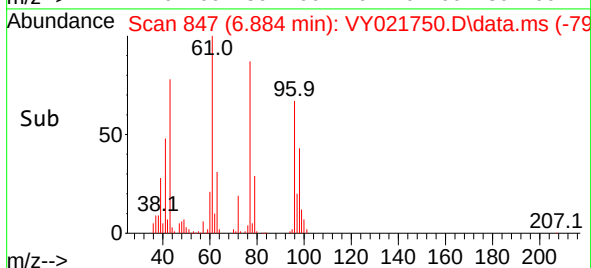
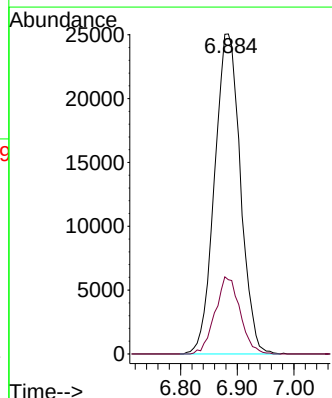
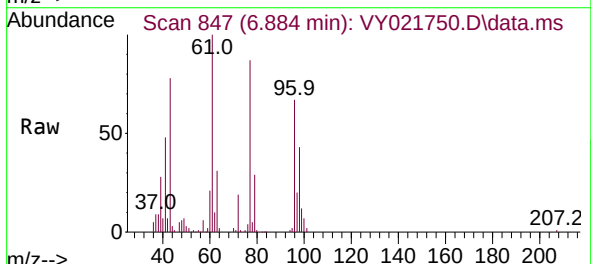
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

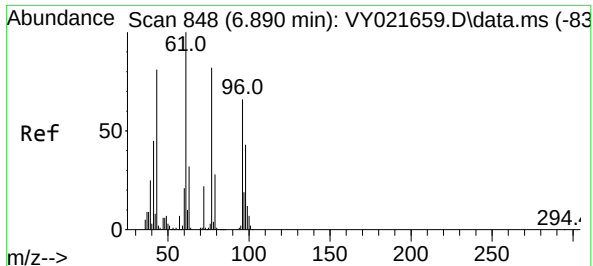
Tgt Ion: 43 Resp: 67098
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.719 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 77 Resp: 79250
Ion Ratio Lower Upper
77 100
97 23.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.858 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

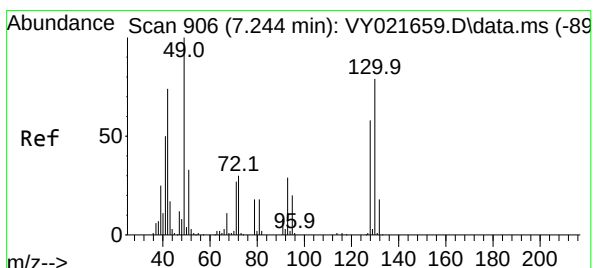
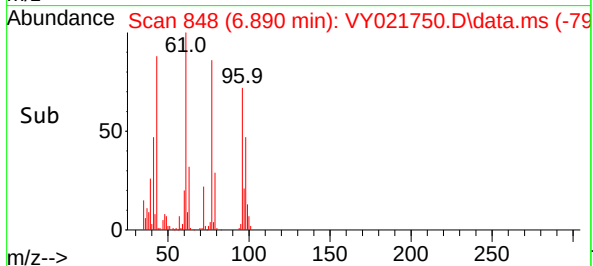
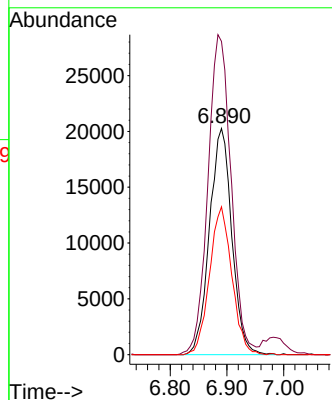
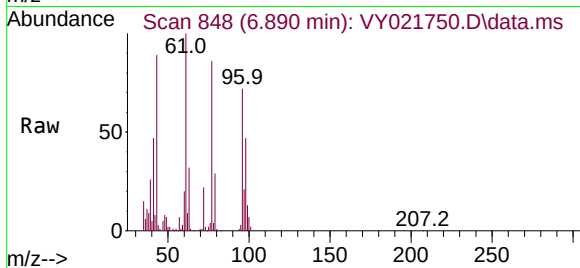
Tgt Ion: 96 Resp: 55548

Ion Ratio Lower Upper

96 100

61 146.3 0.0 296.4

98 65.2 0.0 128.0



#28

Bromochloromethane

Concen: 20.678 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

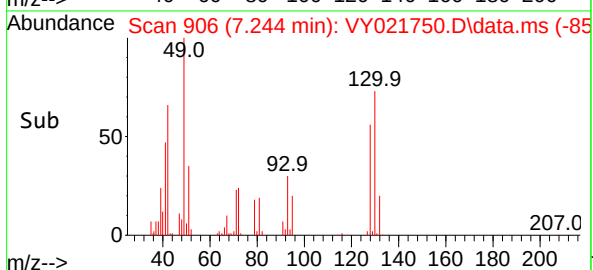
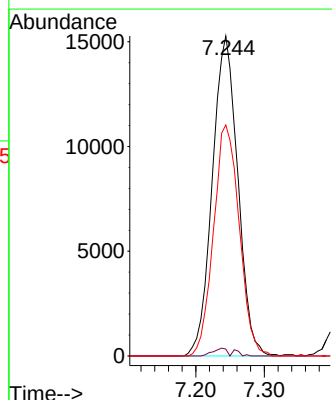
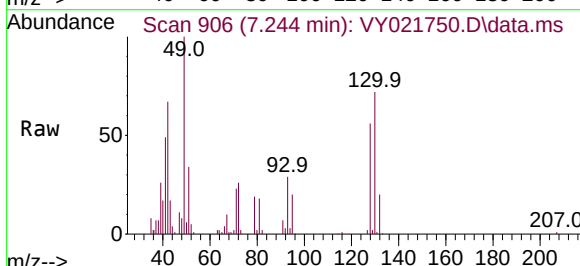
Tgt Ion: 49 Resp: 39400

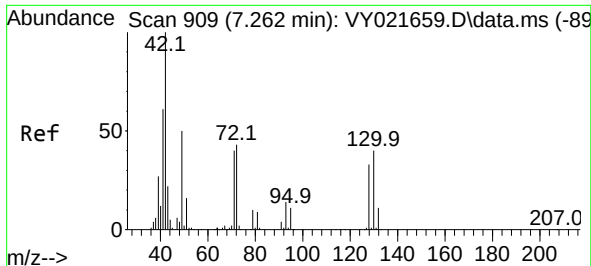
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.4

130 72.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 98.301 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

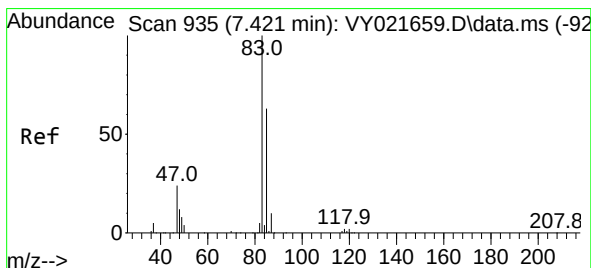
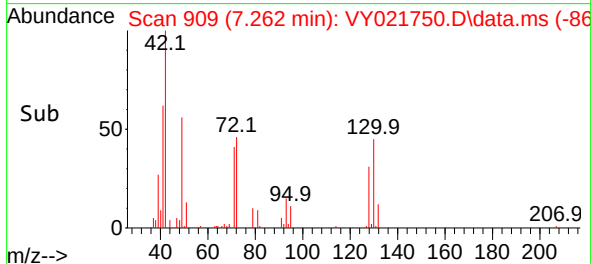
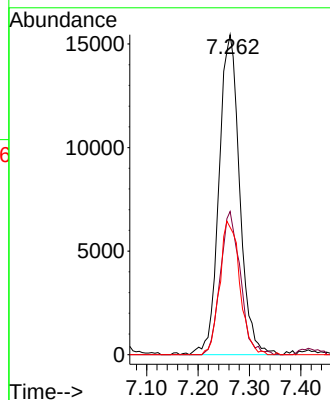
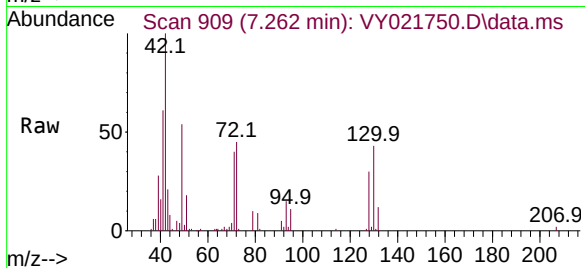
Tgt Ion: 42 Resp: 43156

Ion Ratio Lower Upper

42 100

72 43.3 34.6 52.0

71 40.7 32.5 48.7



#30

Chloroform

Concen: 19.957 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021750.D

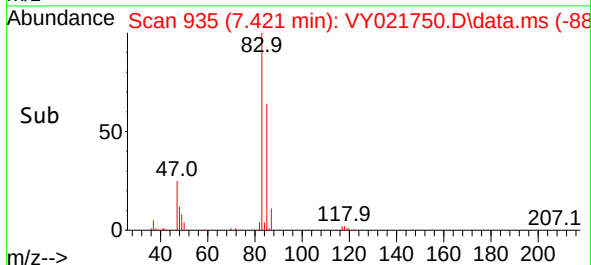
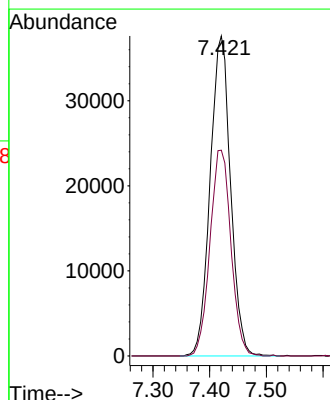
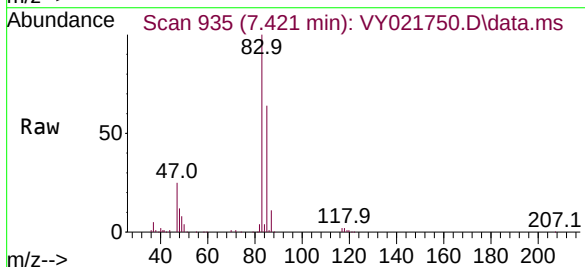
Acq: 02 Apr 2025 10:57

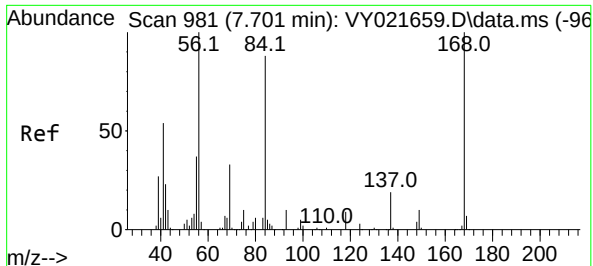
Tgt Ion: 83 Resp: 93782

Ion Ratio Lower Upper

83 100

85 64.3 50.6 75.8

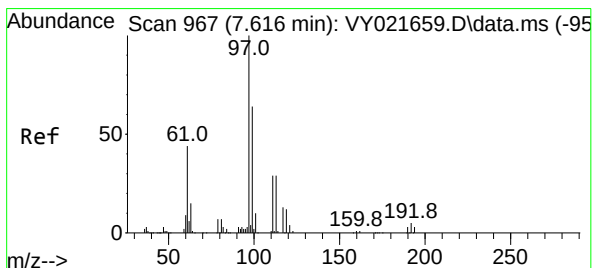
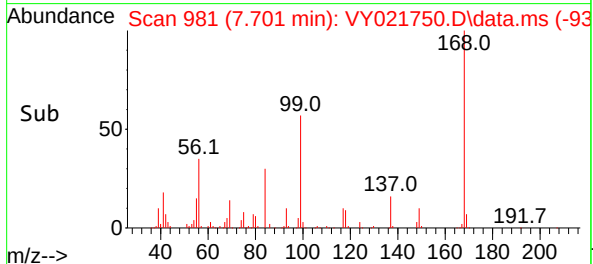
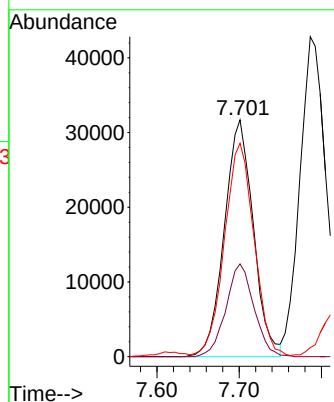
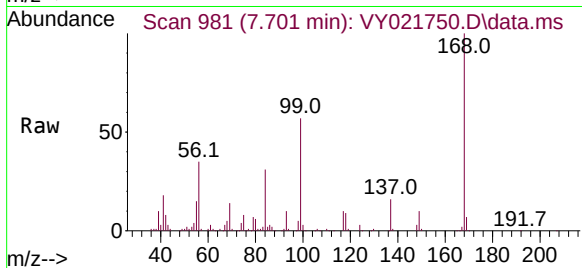




#31
Cyclohexane
Concen: 18.870 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

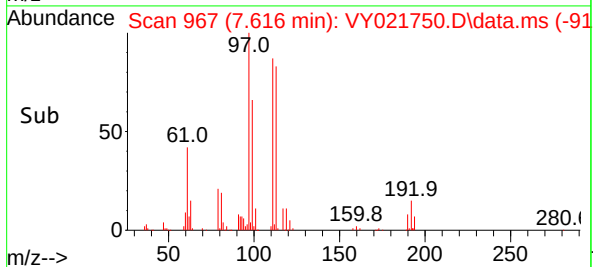
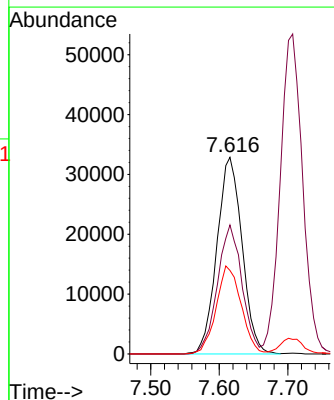
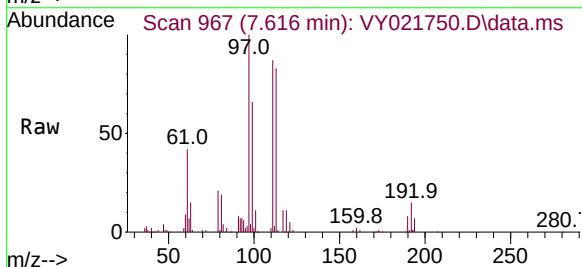
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

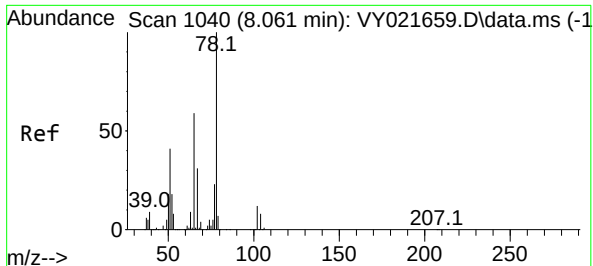
Tgt Ion: 56 Resp: 77716
Ion Ratio Lower Upper
56 100
69 39.2 26.6 40.0
84 88.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.739 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 97 Resp: 83835
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.574 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

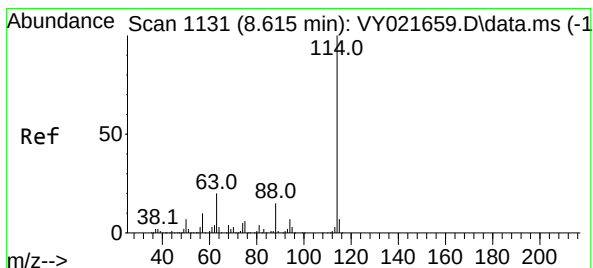
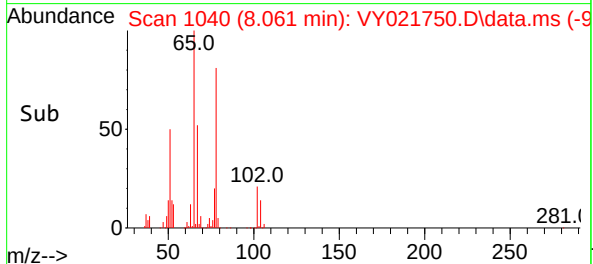
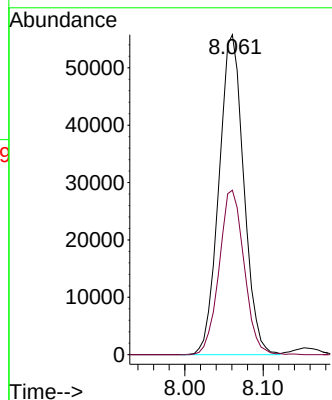
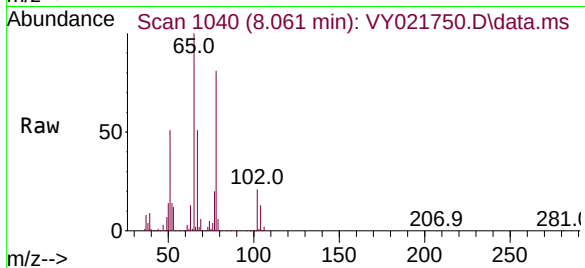
VY0402SBS01

Tgt Ion: 65 Resp: 122684

Ion Ratio Lower Upper

65 100

67 51.8 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: VY021750.D

Acq: 02 Apr 2025 10:57

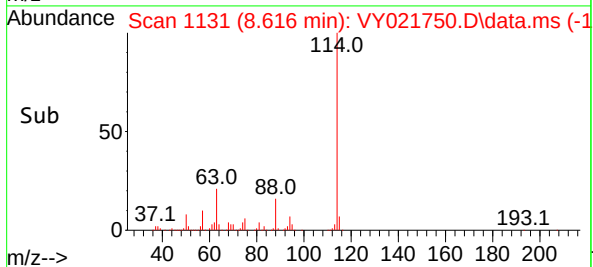
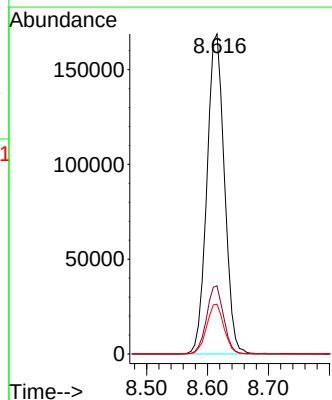
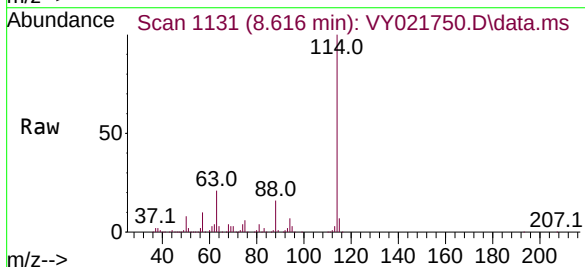
Tgt Ion: 114 Resp: 336763

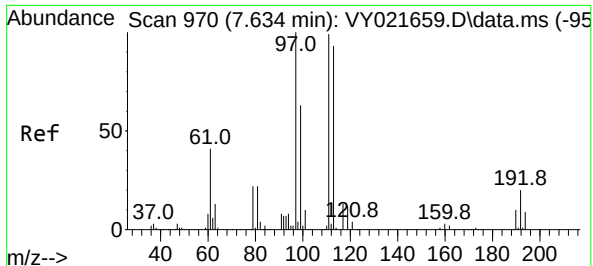
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

88 15.5 0.0 29.8

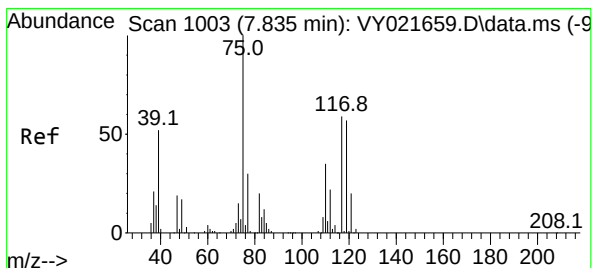
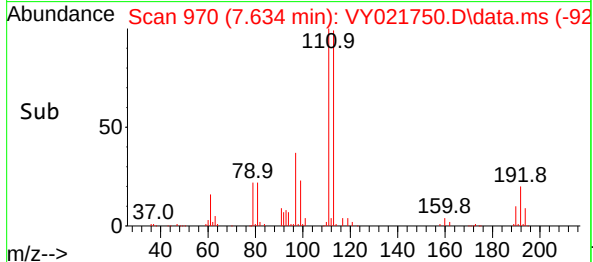
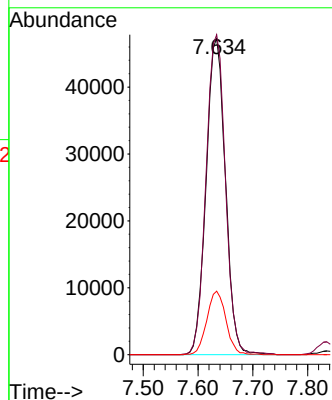
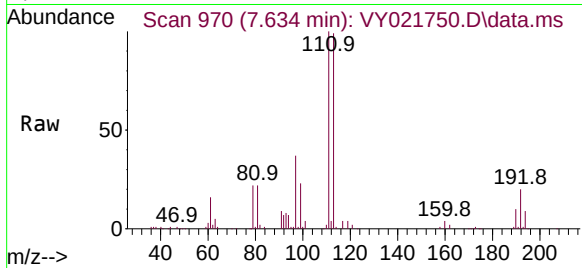




#35
Dibromofluoromethane
Concen: 52.796 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

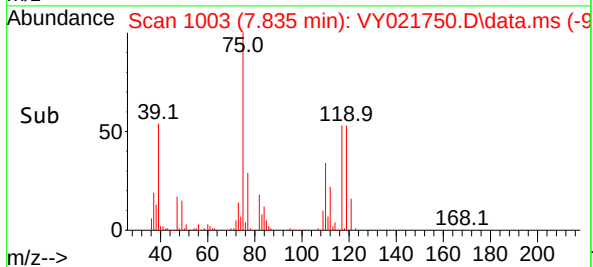
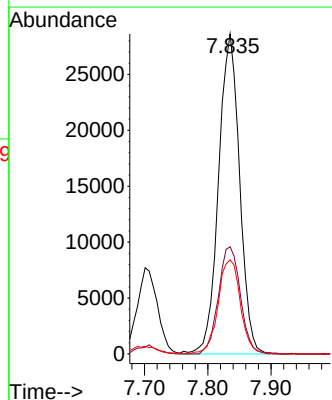
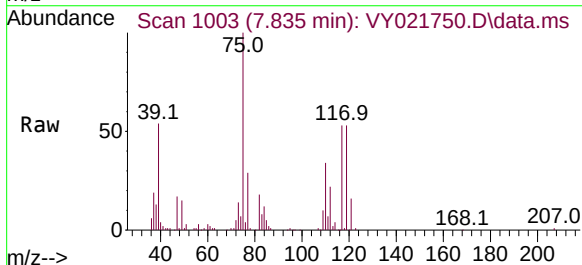
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

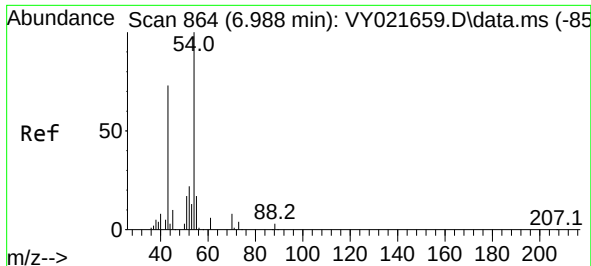
Tgt Ion:113 Resp: 115334
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.835 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 75 Resp: 65999
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 19.955 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

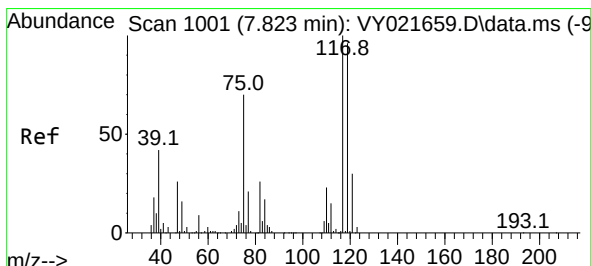
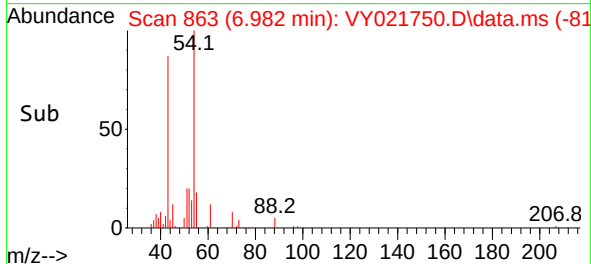
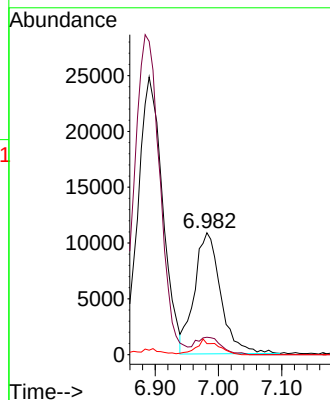
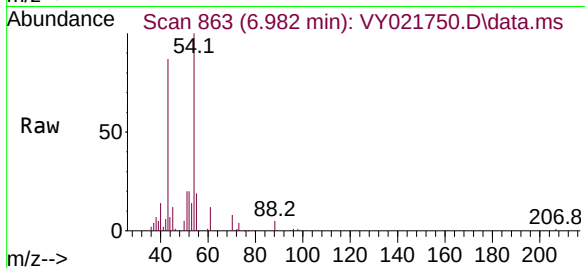
Tgt Ion: 43 Resp: 31336

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

70 10.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.108 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

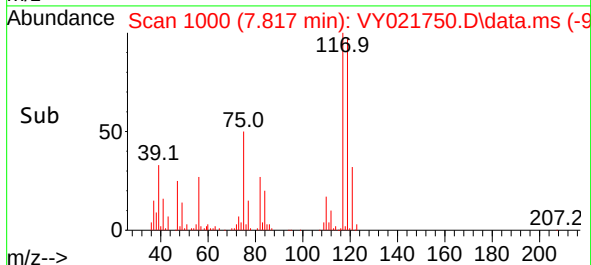
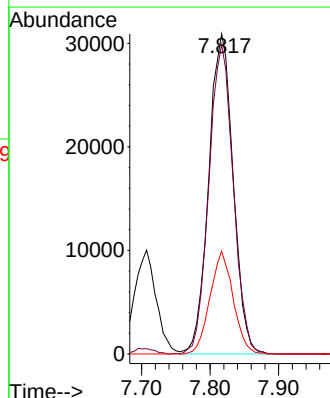
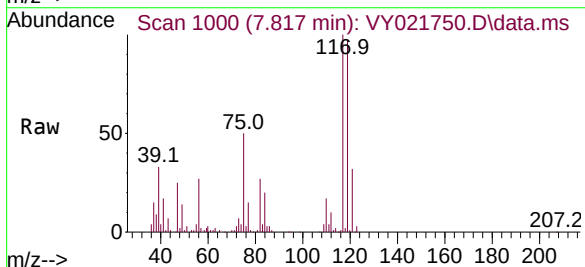
Tgt Ion: 117 Resp: 76632

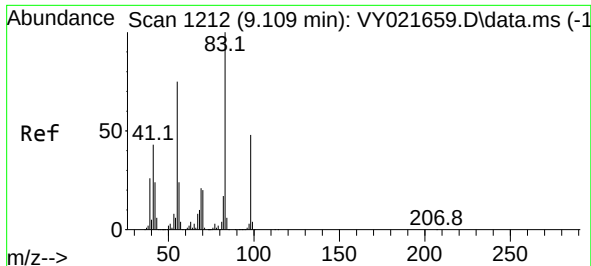
Ion Ratio Lower Upper

117 100

119 96.7 76.2 114.4

121 32.1 24.2 36.4





#39

Methylcyclohexane

Concen: 19.397 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

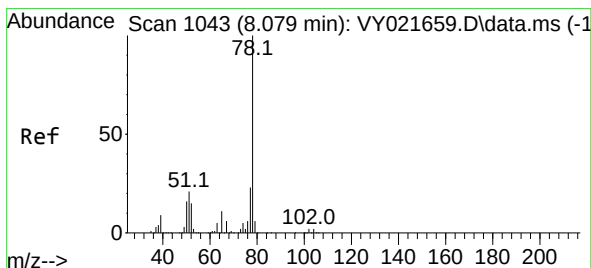
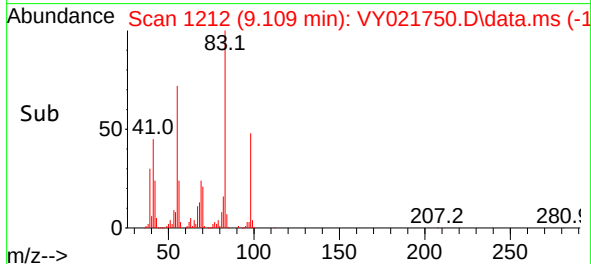
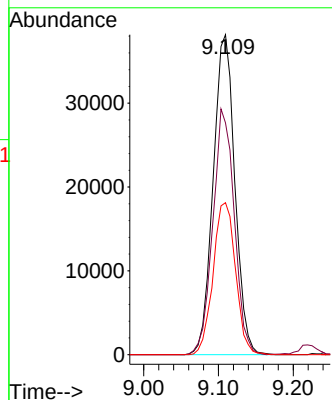
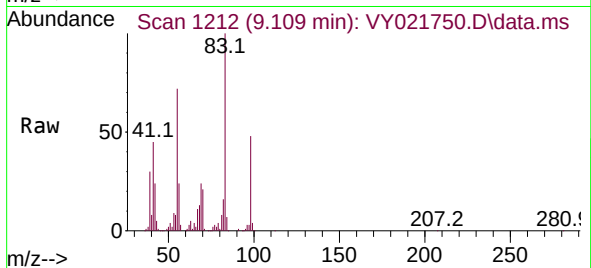
Tgt Ion: 83 Resp: 77103

Ion Ratio Lower Upper

83 100

55 72.4 59.7 89.5

98 47.5 38.3 57.5



#40

Benzene

Concen: 20.018 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021750.D

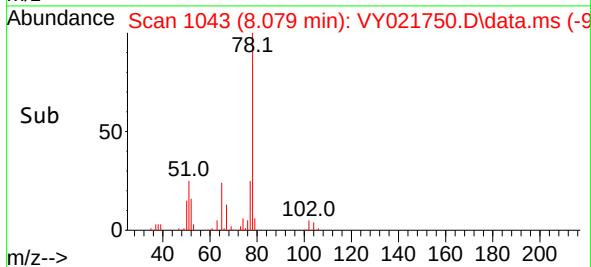
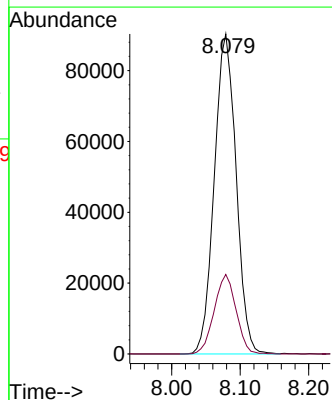
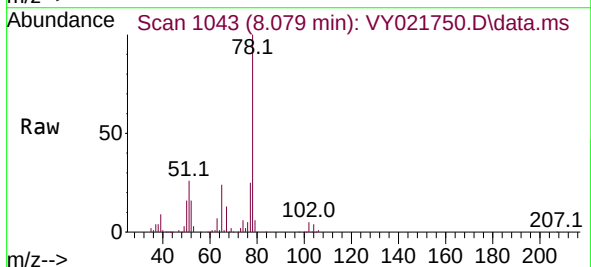
Acq: 02 Apr 2025 10:57

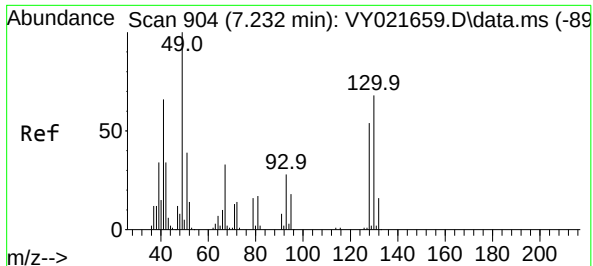
Tgt Ion: 78 Resp: 199468

Ion Ratio Lower Upper

78 100

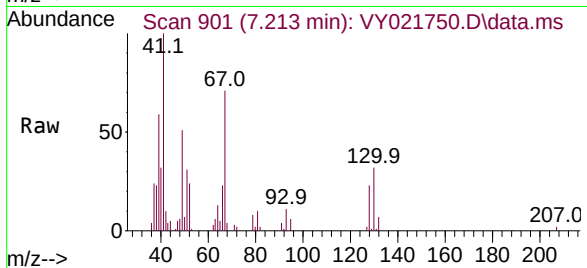
77 24.8 18.8 28.2



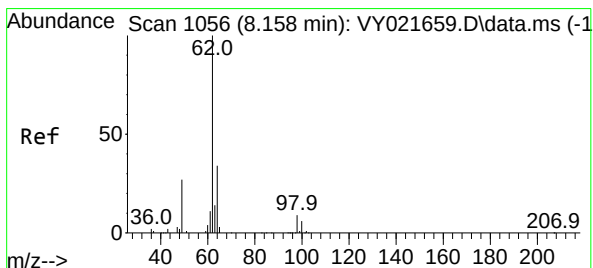
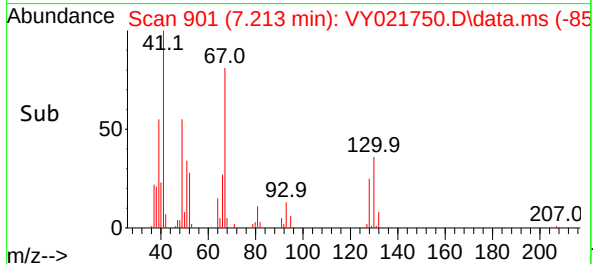
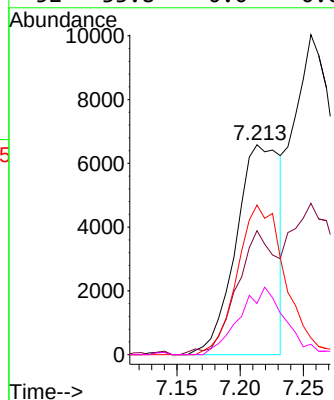


#41
Methacrylonitrile
Concen: 19.105 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

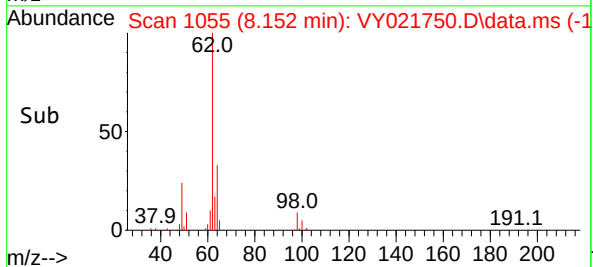
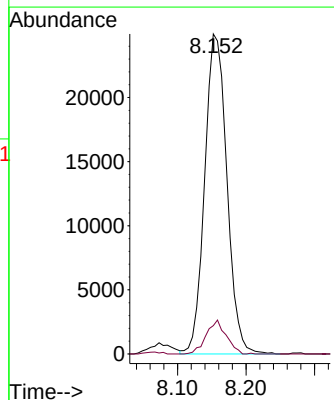
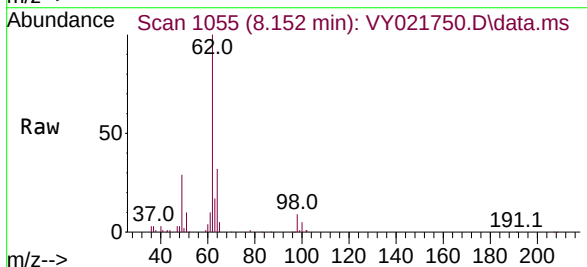


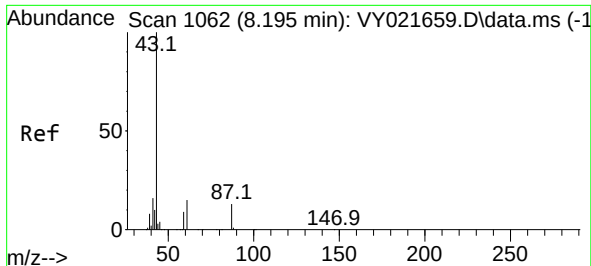
Tgt Ion:	41	Resp:	15933
Ion	Ratio	Lower	Upper
41	100		
39	54.1	0.0	0.0#
67	78.2	0.0	0.0#
52	33.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.045 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion:	62	Resp:	56309
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4

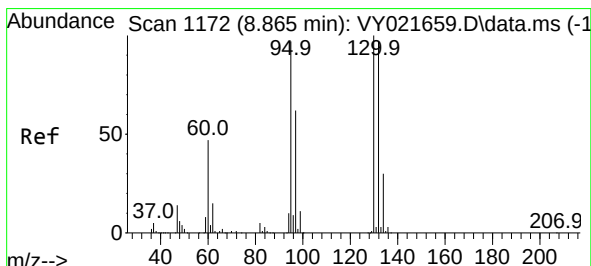
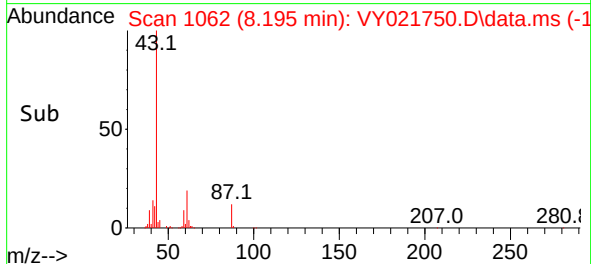
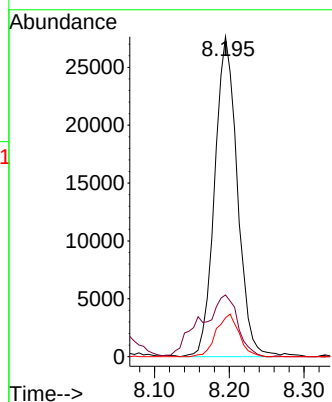
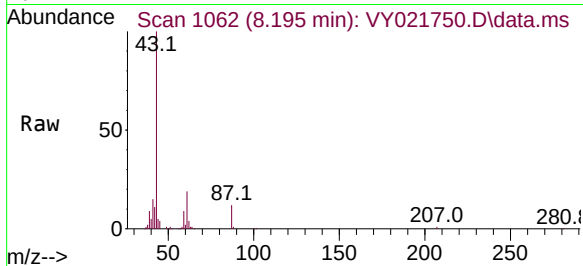




#43
Isopropyl Acetate
Concen: 19.580 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

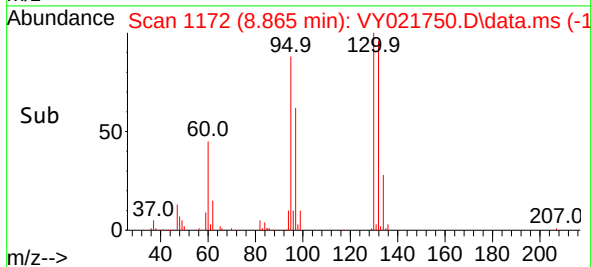
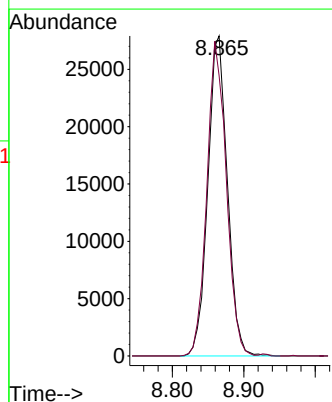
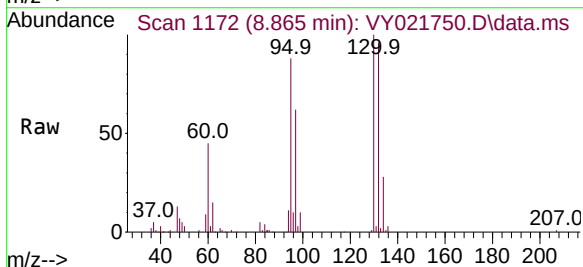
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

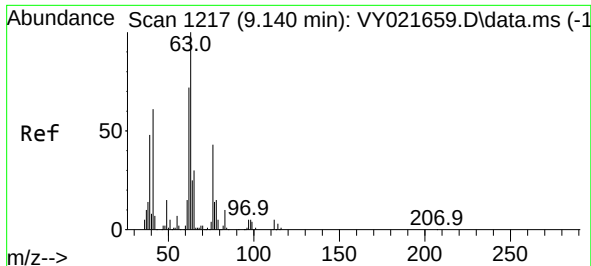
Tgt Ion: 43 Resp: 58268
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9
87 13.4 10.4 15.6



#44
Trichloroethene
Concen: 20.842 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 130 Resp: 52917
Ion Ratio Lower Upper
130 100
95 87.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.505 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

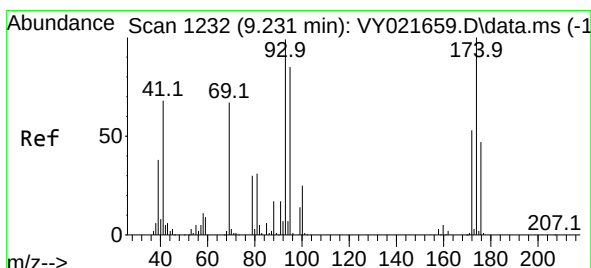
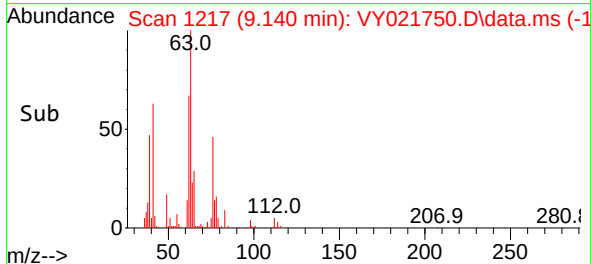
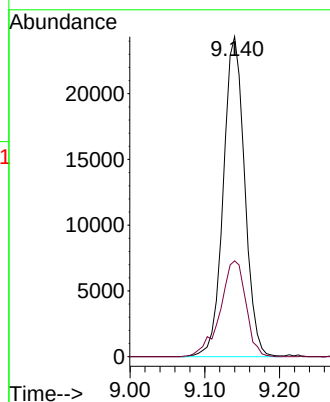
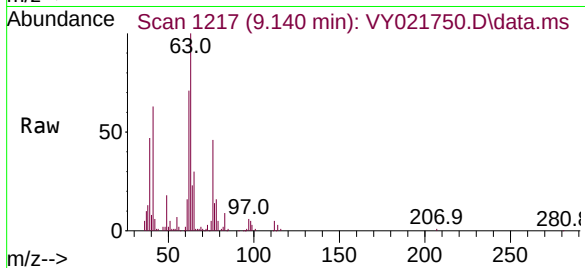
VY0402SBS01

Tgt Ion: 63 Resp: 48365

Ion Ratio Lower Upper

63 100

65 30.0 24.4 36.6



#46

Dibromomethane

Concen: 20.292 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

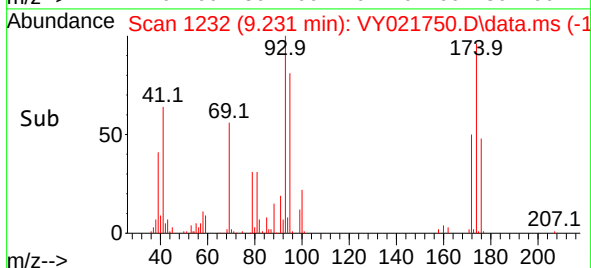
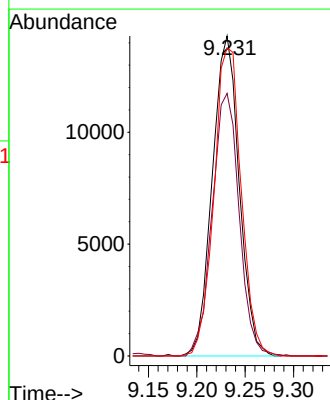
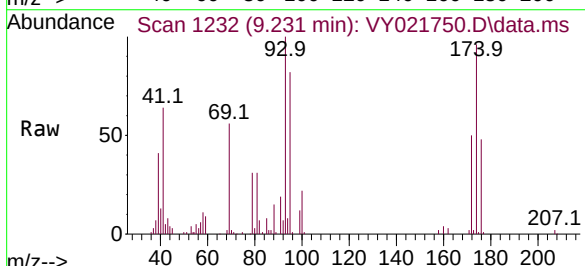
Tgt Ion: 93 Resp: 27584

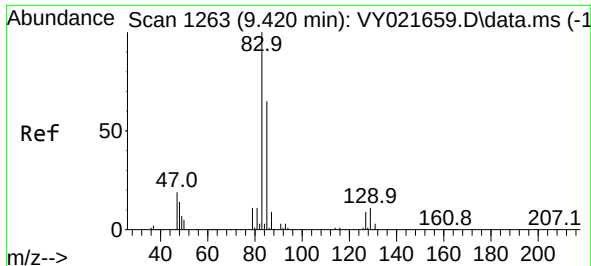
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

174 98.0 80.9 121.3

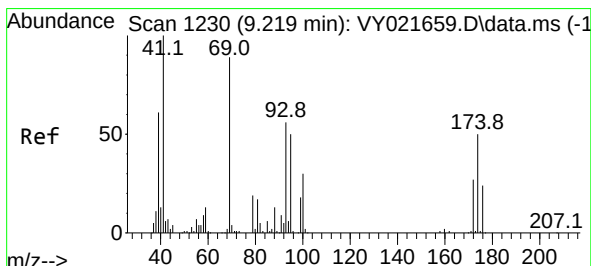
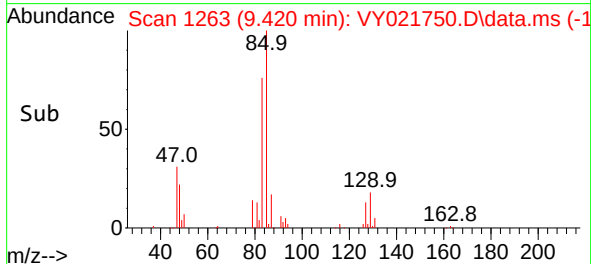
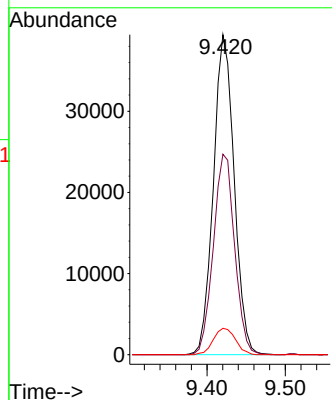
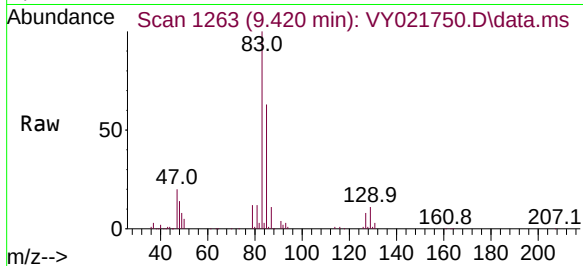




#47
Bromodichloromethane
Concen: 20.612 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

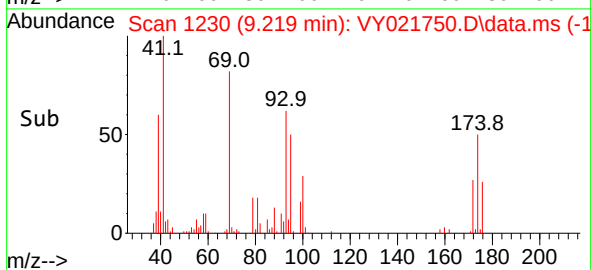
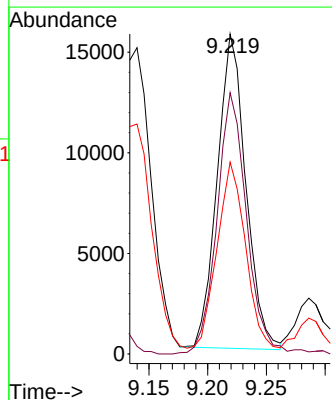
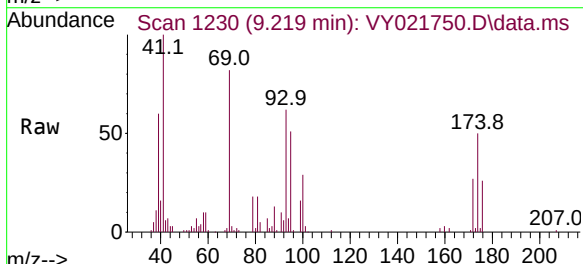
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

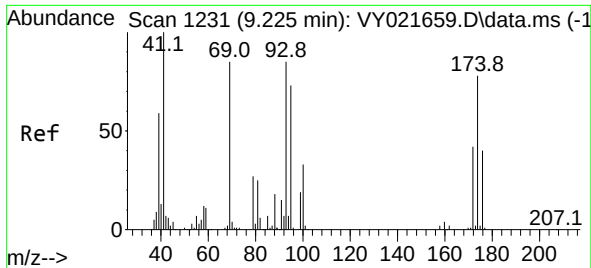
Tgt Ion: 83 Resp: 72602
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.6
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 19.355 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 41 Resp: 26435
Ion Ratio Lower Upper
41 100
69 86.8 69.8 104.8
39 59.0 47.2 70.8

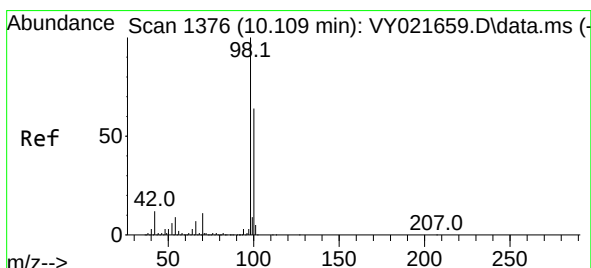
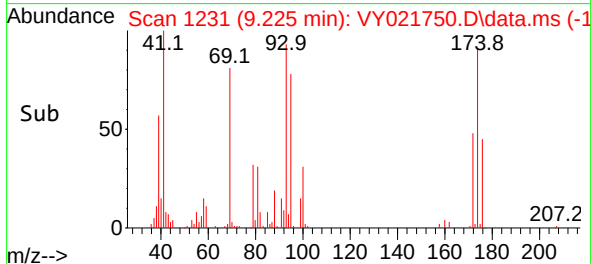
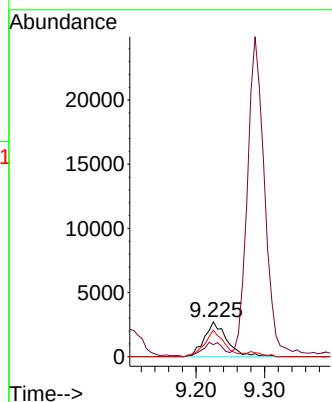
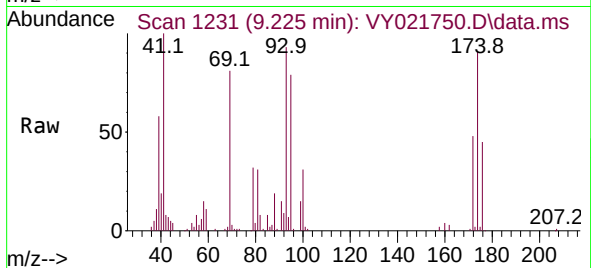




#49
1,4-Dioxane
Concen: 427.884 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

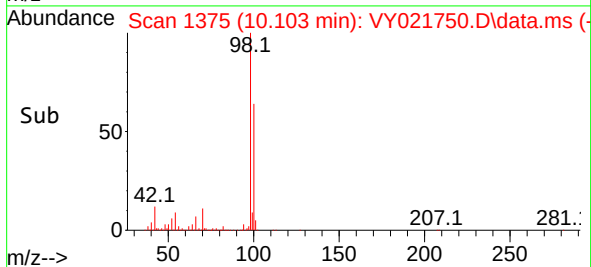
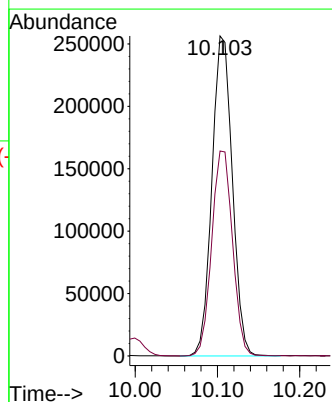
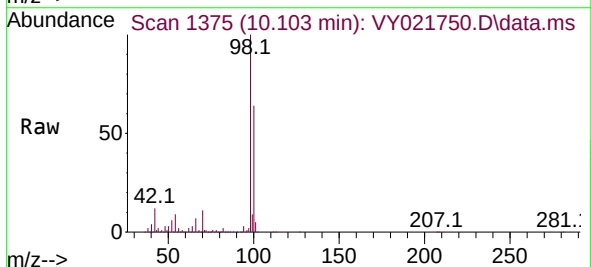
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

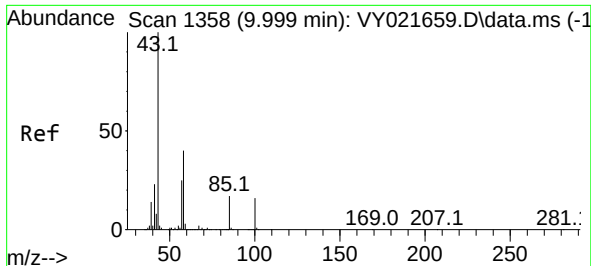
Tgt Ion: 88 Resp: 6231
Ion Ratio Lower Upper
88 100
43 37.5 28.8 43.2
58 64.9 59.4 89.2



#50
Toluene-d8
Concen: 53.163 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 98 Resp: 441819
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

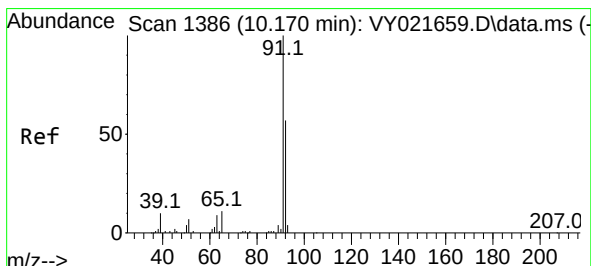
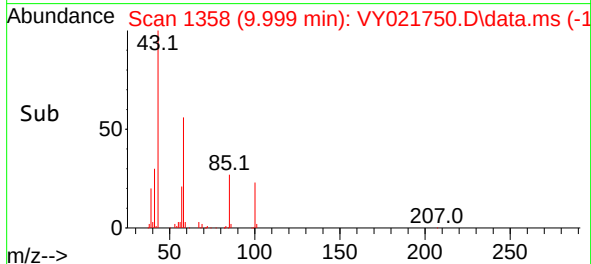
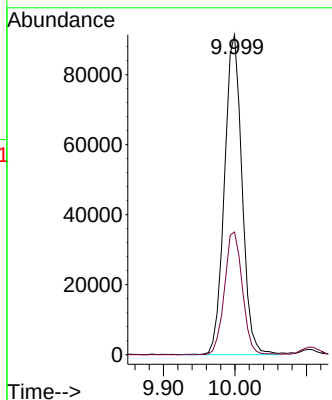
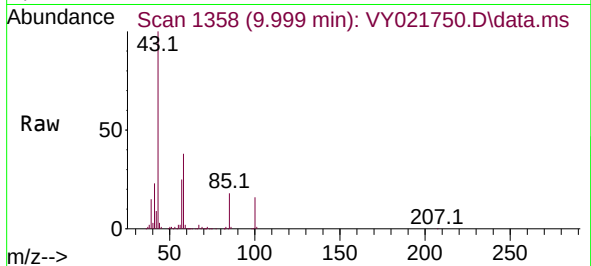




#51
4-Methyl-2-Pentanone
Concen: 100.584 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

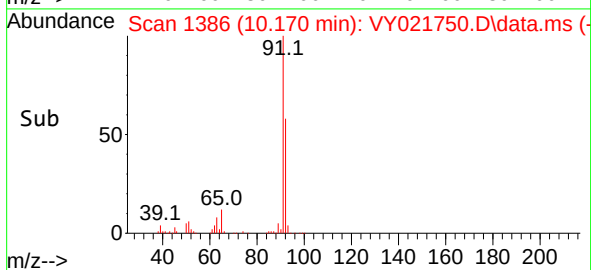
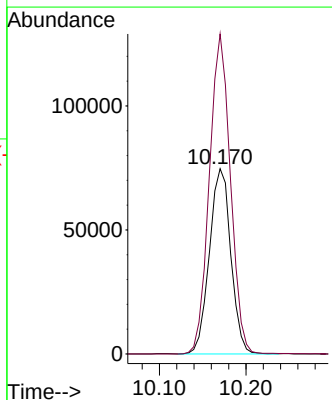
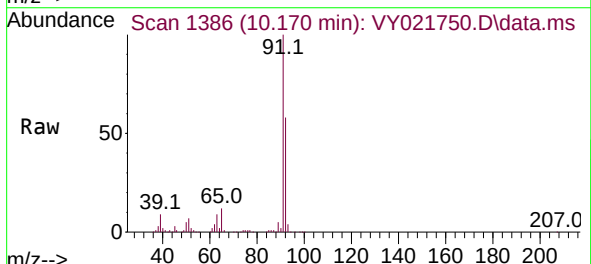
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

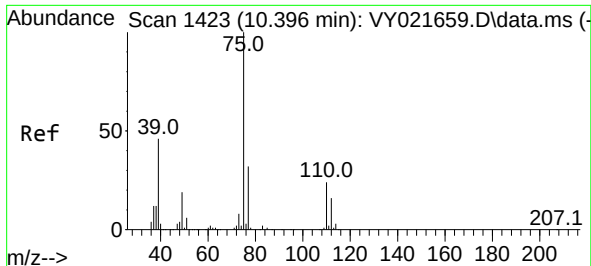
Tgt Ion: 43 Resp: 155769
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3



#52
Toluene
Concen: 20.667 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 92 Resp: 128488
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 20.166 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

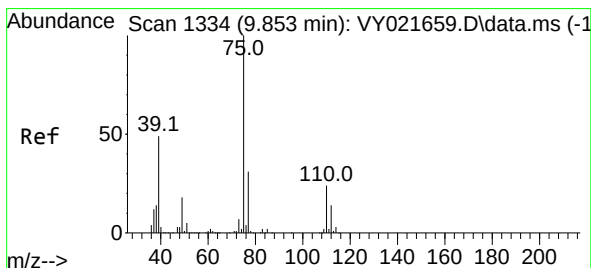
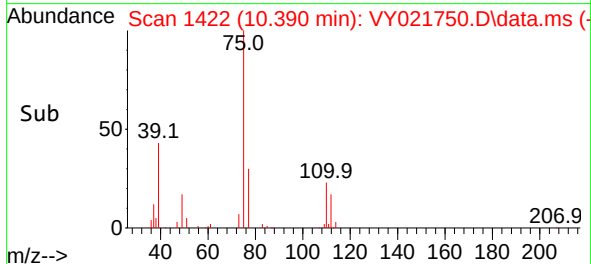
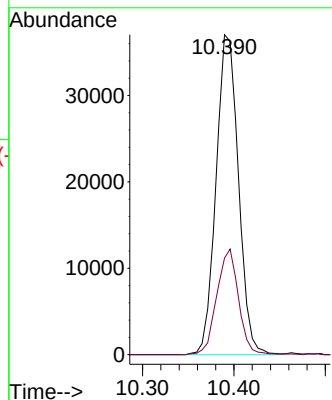
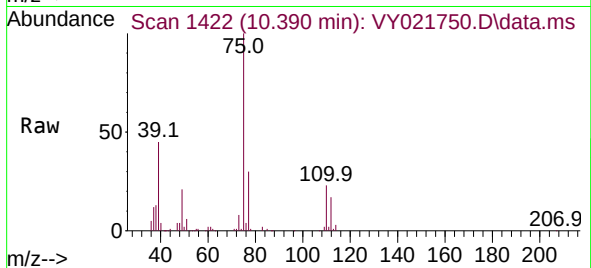
VY0402SBS01

Tgt Ion: 75 Resp: 63094

Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.046 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

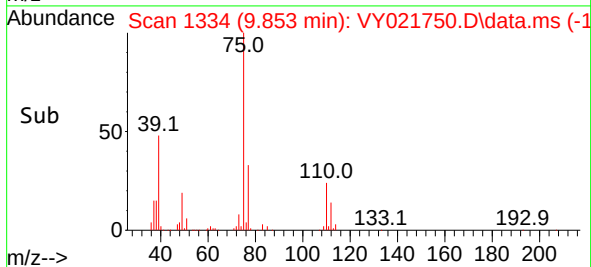
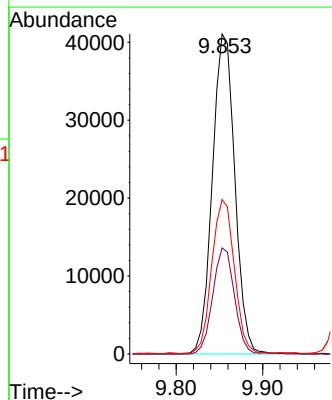
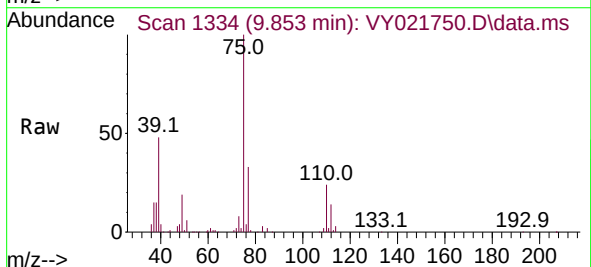
Tgt Ion: 75 Resp: 73990

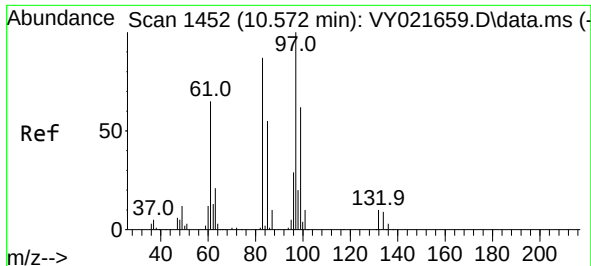
Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3

39 48.1 39.2 58.8

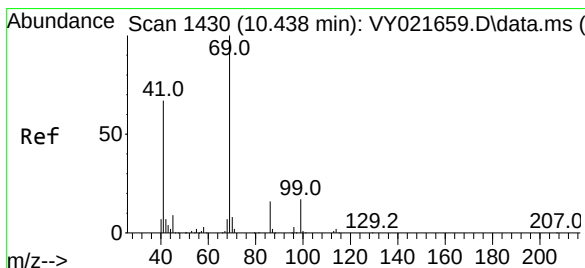
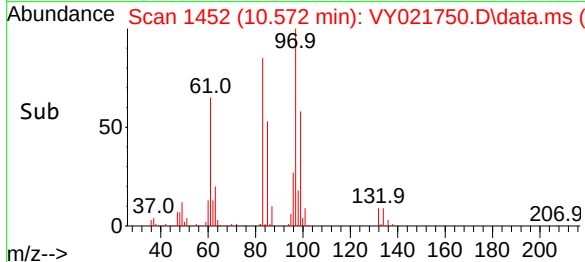
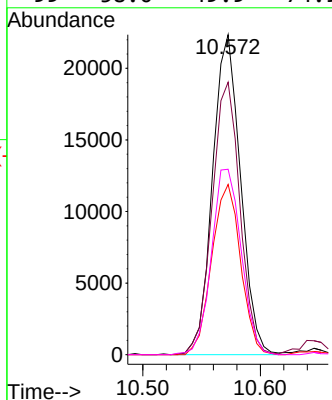
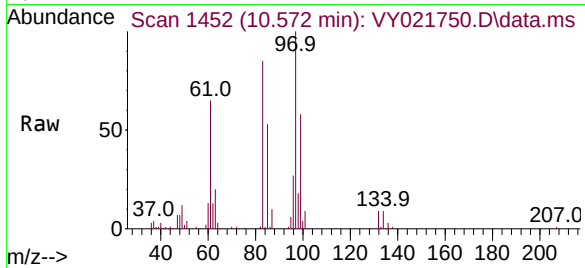




#55
 1,1,2-Trichloroethane
 Concen: 21.147 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

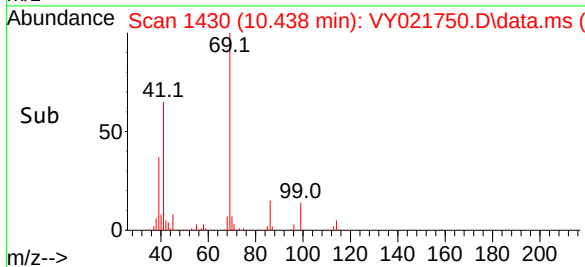
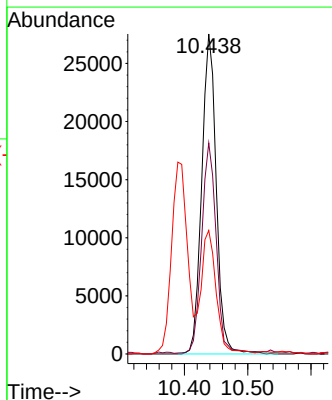
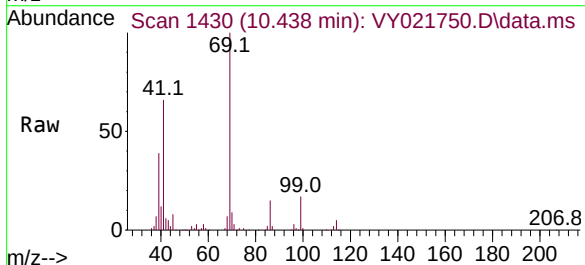
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

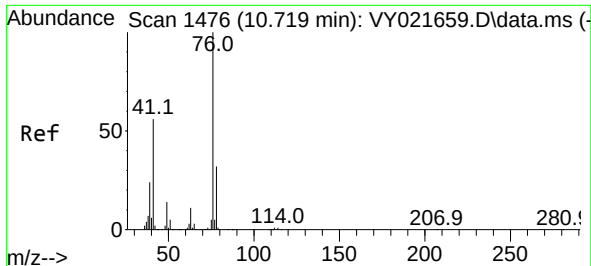
Tgt Ion:	97	Resp:	36994
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.5	104.3
85	53.2	43.9	65.9
99	58.0	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.731 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

Tgt Ion:	69	Resp:	44073
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.8	80.6
39	39.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.383 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

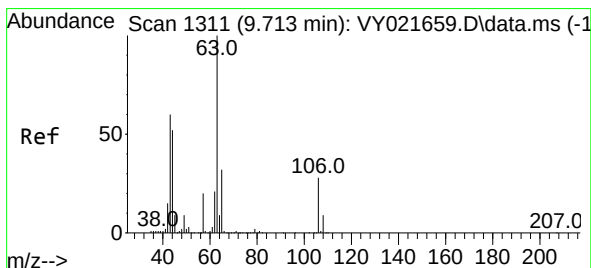
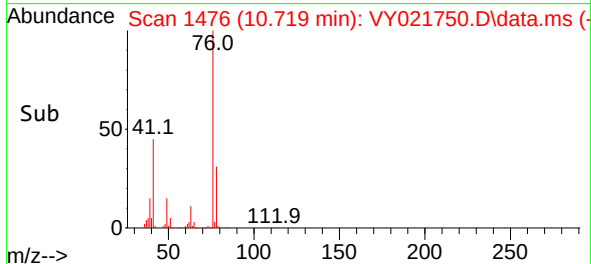
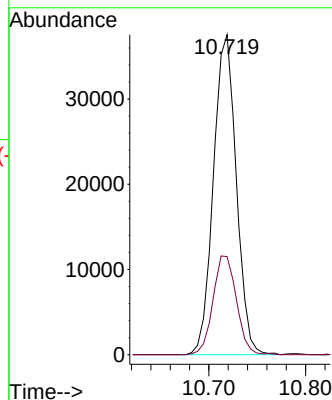
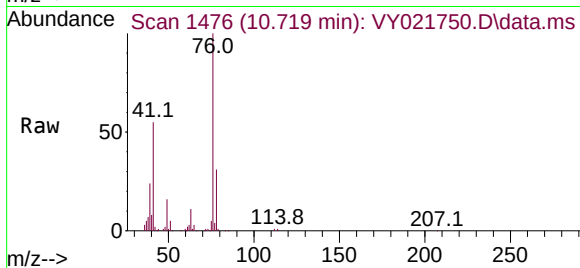
VY0402SBS01

Tgt Ion: 76 Resp: 61582

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.372 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021750.D

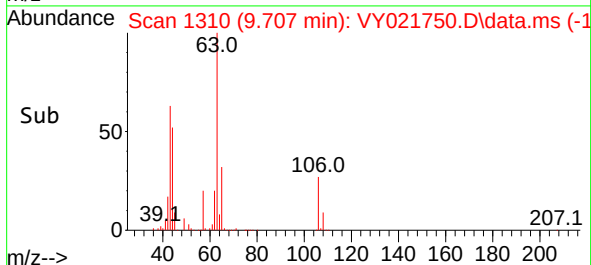
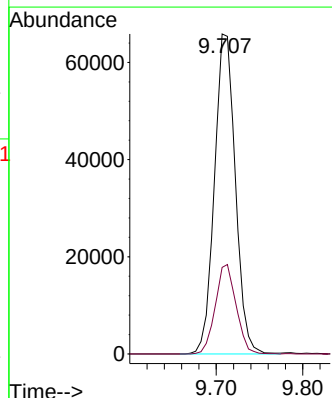
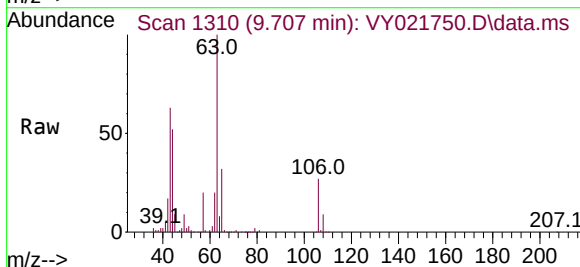
Acq: 02 Apr 2025 10:57

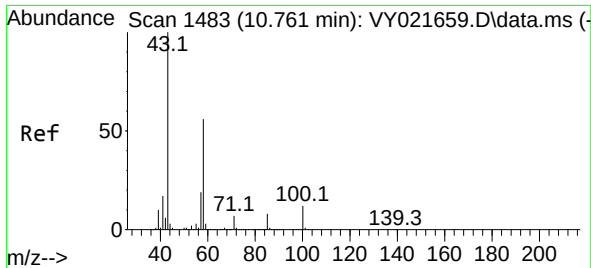
Tgt Ion: 63 Resp: 110463

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

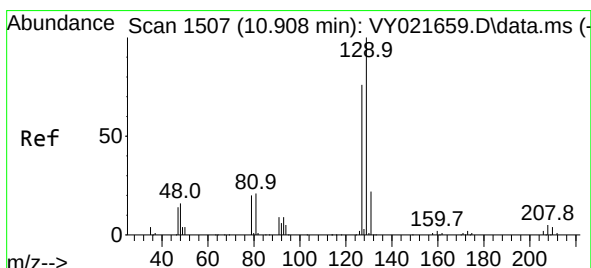
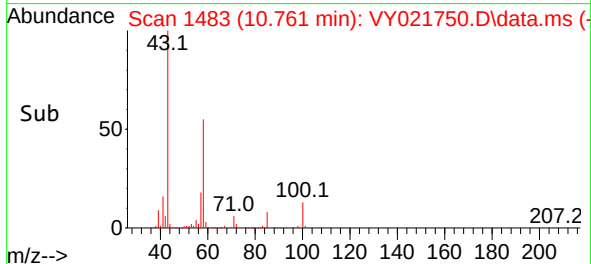
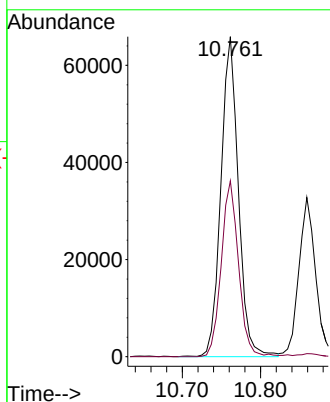
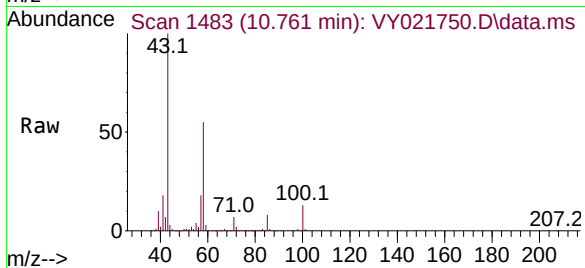




#59
2-Hexanone
Concen: 99.190 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

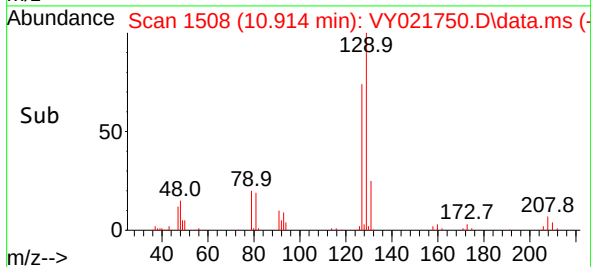
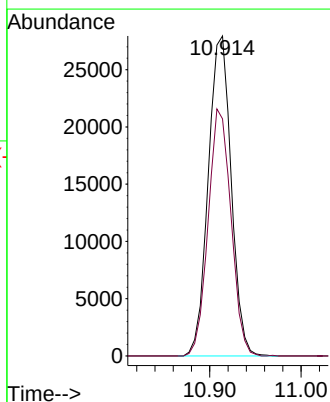
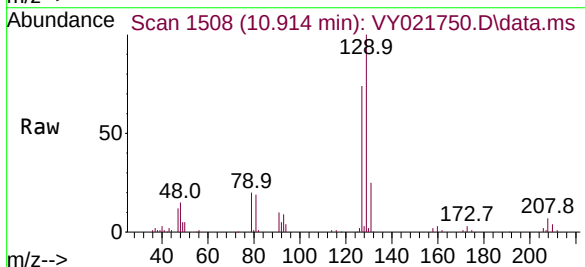
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

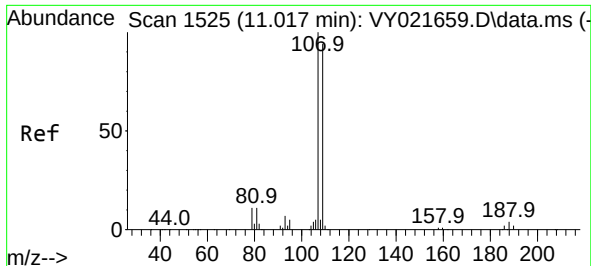
Tgt Ion: 43 Resp: 102302
Ion Ratio Lower Upper
43 100
58 54.5 27.2 81.5



#60
Dibromochloromethane
Concen: 20.441 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 129 Resp: 48821
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

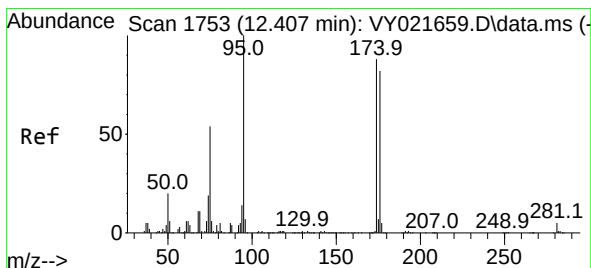
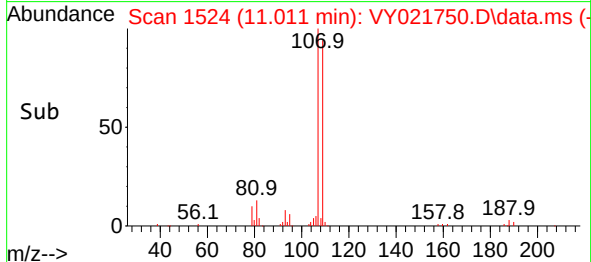
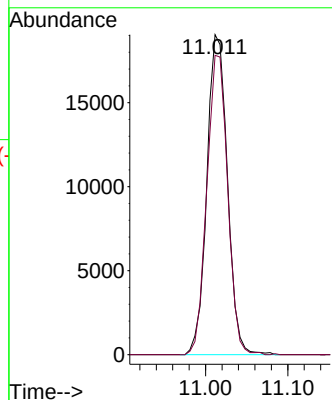
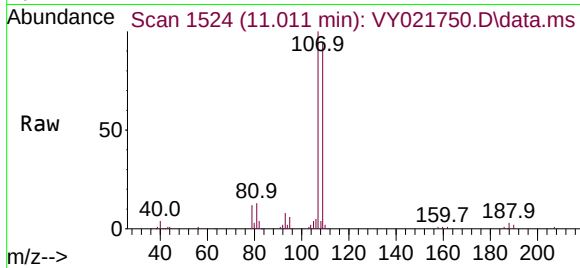




#61
1,2-Dibromoethane
Concen: 20.164 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

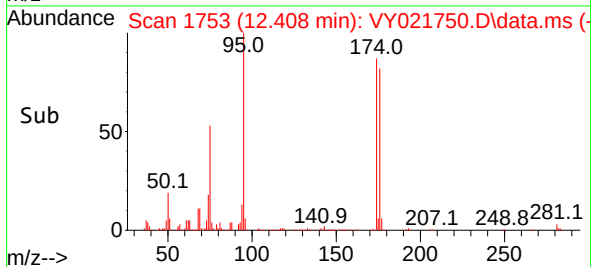
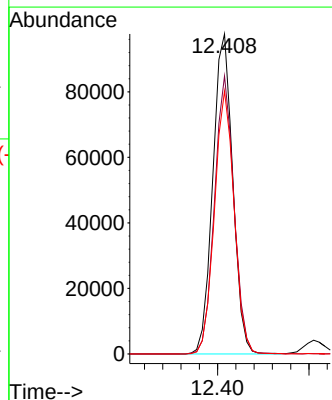
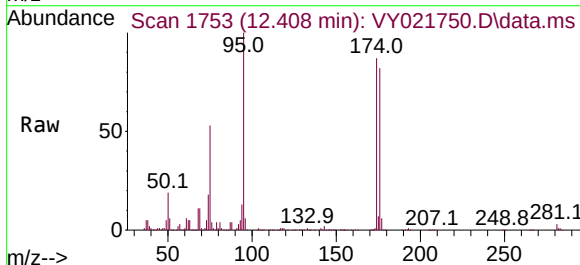
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

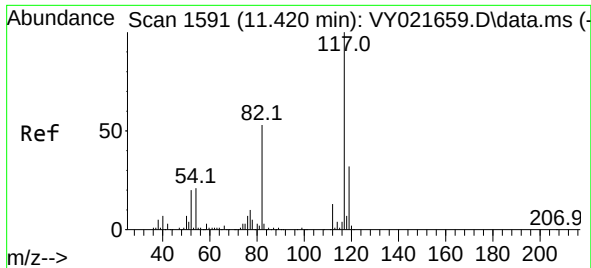
Tgt Ion:107 Resp: 33090
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.666 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 95 Resp: 148046
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.8
176 81.3 0.0 162.0

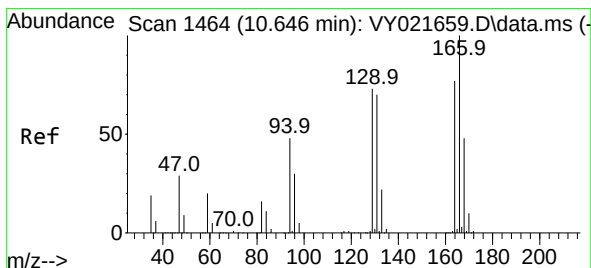
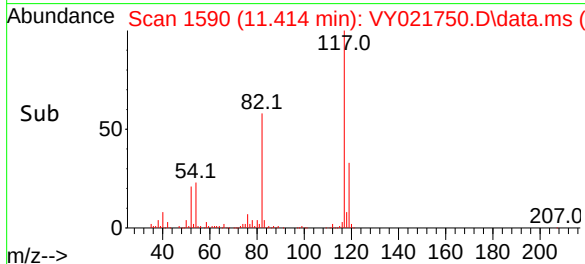
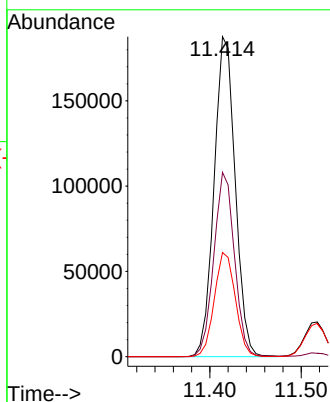
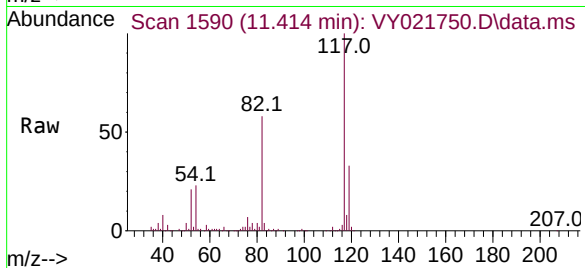




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

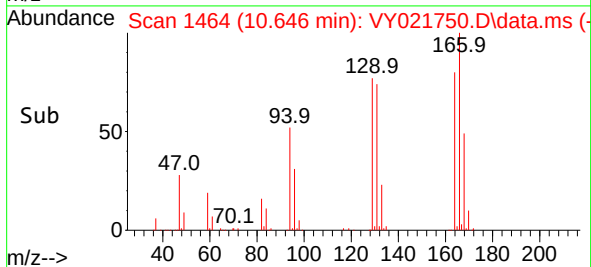
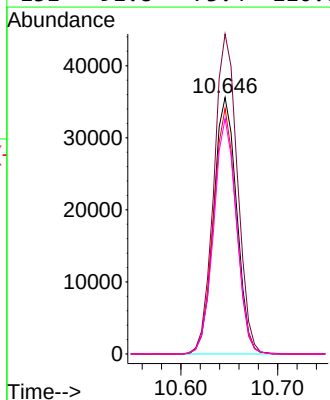
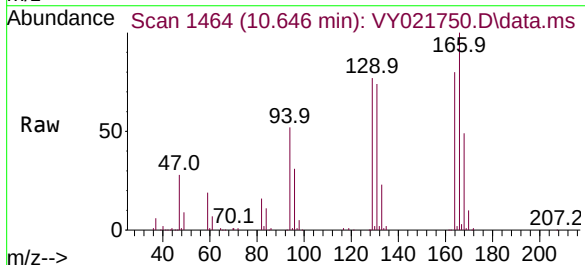
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

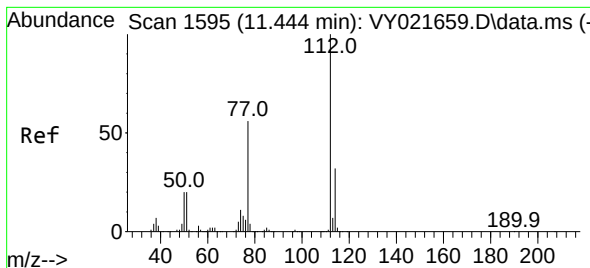
Tgt Ion:117 Resp: 301471
Ion Ratio Lower Upper
117 100
82 57.6 42.8 64.2
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 21.446 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion:164 Resp: 58885
Ion Ratio Lower Upper
164 100
166 124.7 104.6 156.8
129 95.7 76.6 114.8
131 91.8 73.4 110.0





#65

Chlorobenzene

Concen: 20.025 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

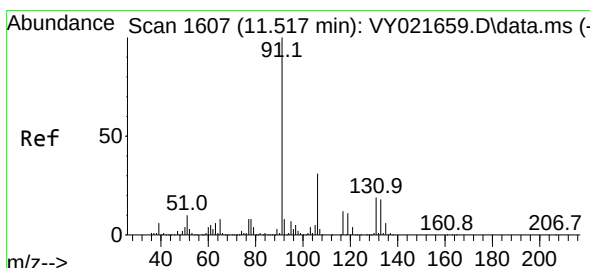
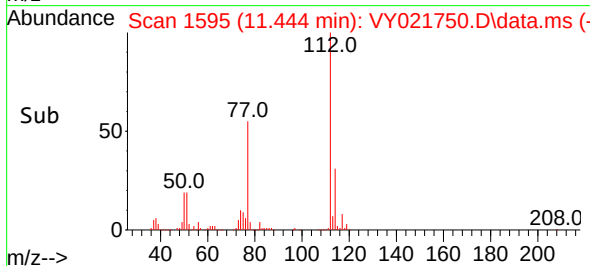
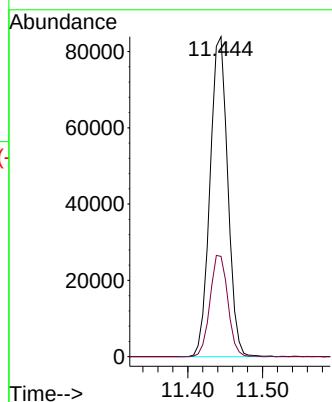
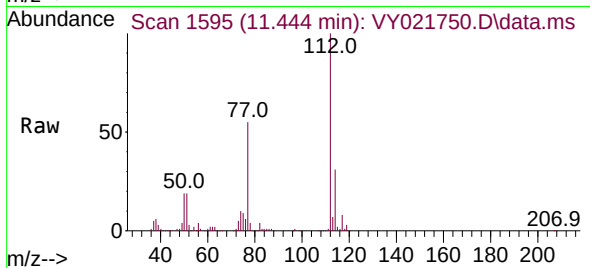
VY0402SBS01

Tgt Ion:112 Resp: 138388

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.955 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

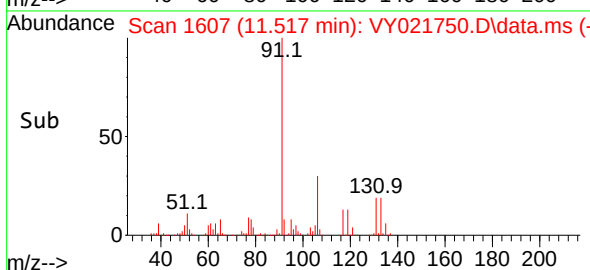
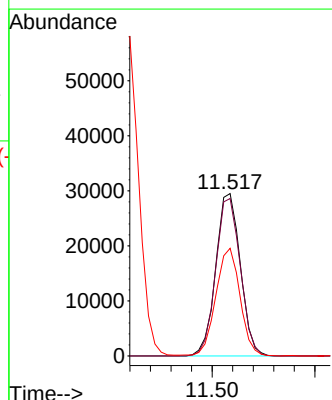
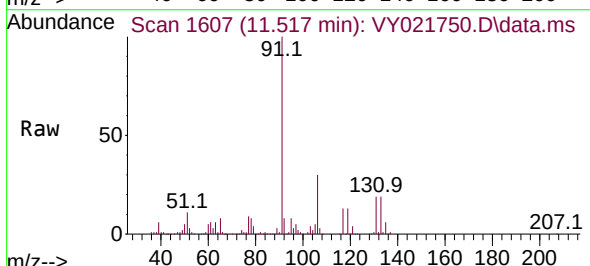
Tgt Ion:131 Resp: 48928

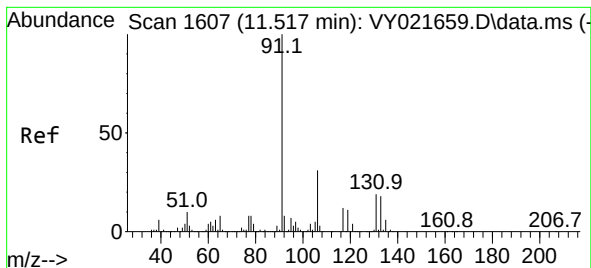
Ion Ratio Lower Upper

131 100

133 97.1 47.3 141.8

119 65.5 31.6 95.0

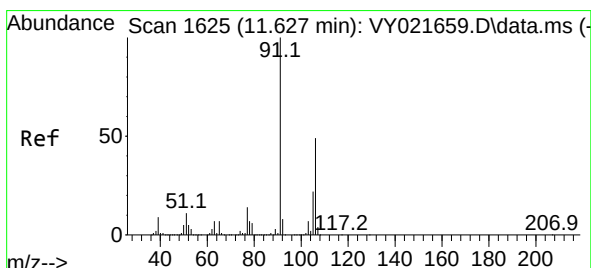
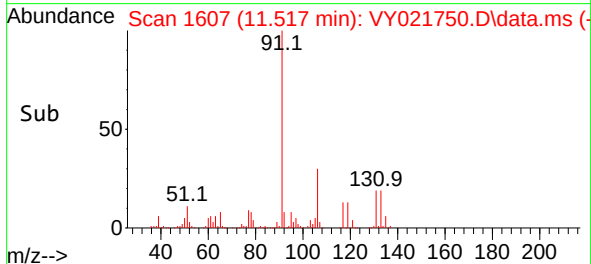
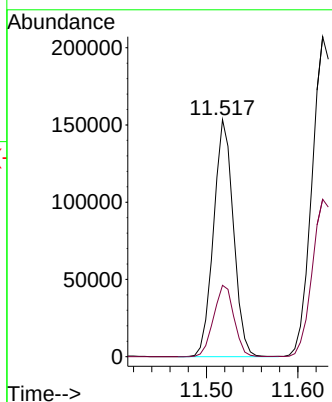
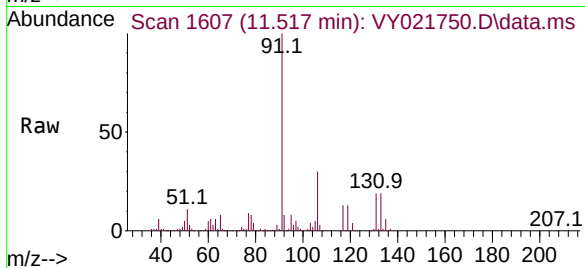




#67
Ethyl Benzene
Concen: 19.579 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

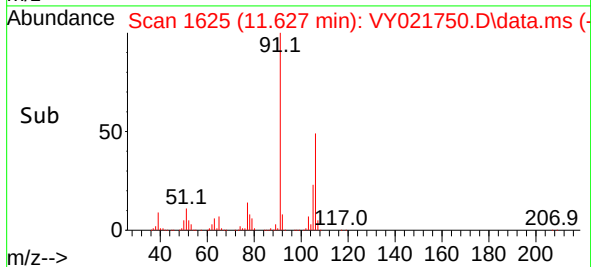
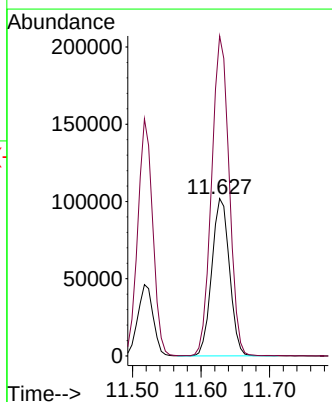
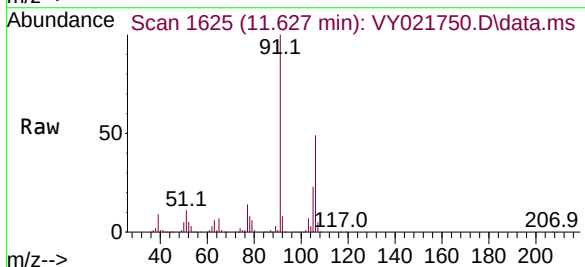
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

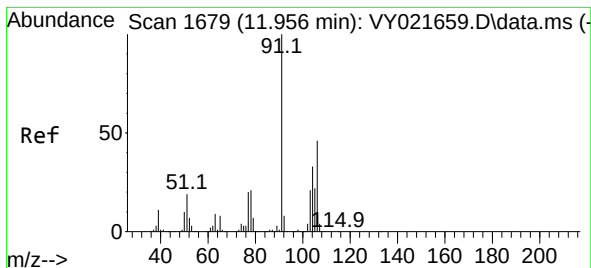
Tgt Ion: 91 Resp: 232020
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 40.254 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion:106 Resp: 182666
Ion Ratio Lower Upper
106 100
91 201.8 162.4 243.6





#69

o-Xylene

Concen: 19.980 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

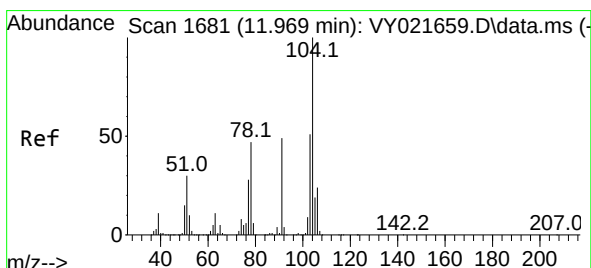
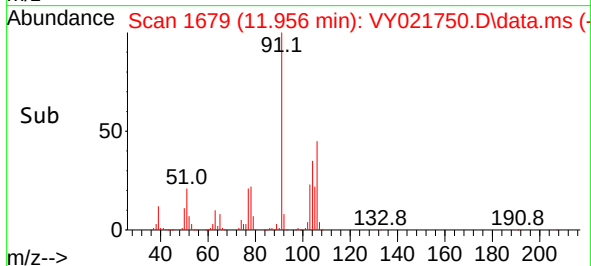
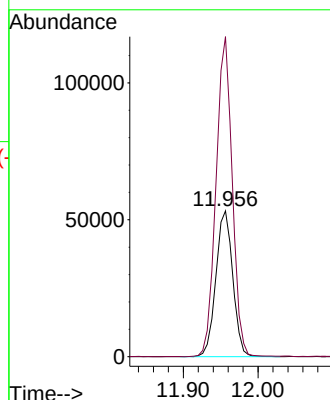
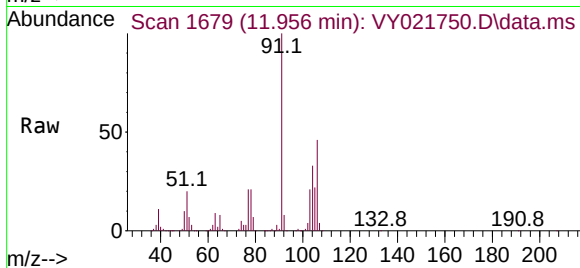
VY0402SBS01

Tgt Ion:106 Resp: 83692

Ion Ratio Lower Upper

106 100

91 211.6 106.7 319.9



#70

Styrene

Concen: 20.127 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

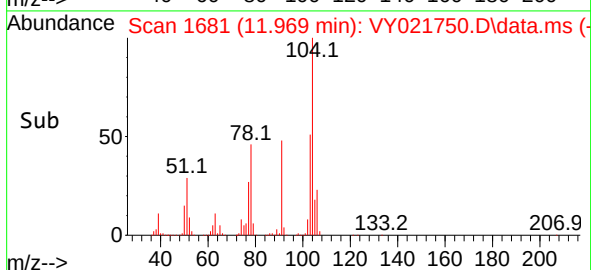
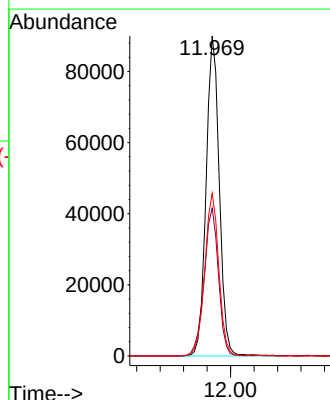
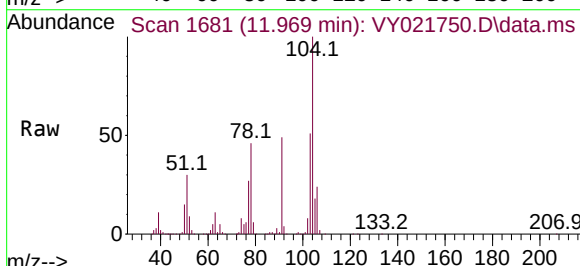
Tgt Ion:104 Resp: 140569

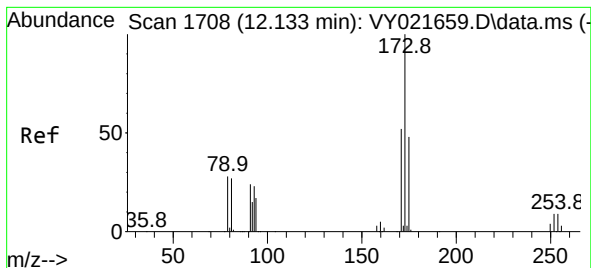
Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 54.2 44.2 66.2





#71

Bromoform

Concen: 21.134 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

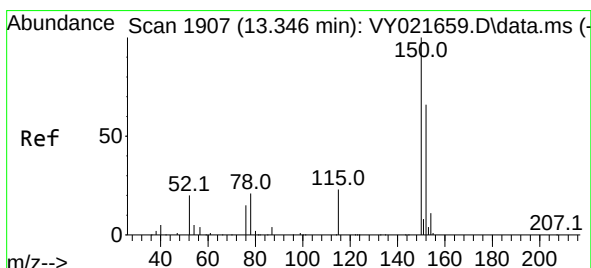
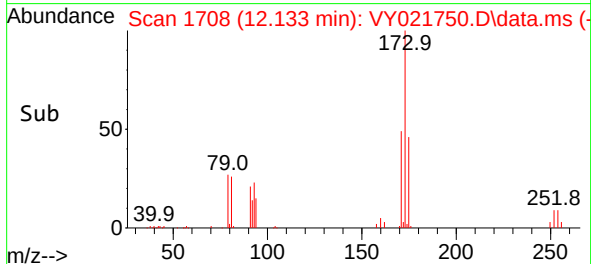
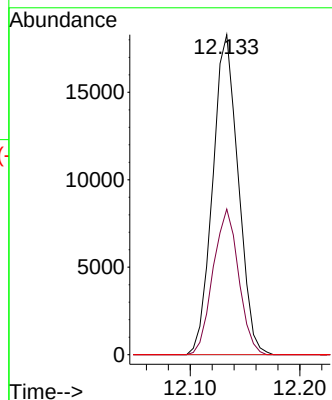
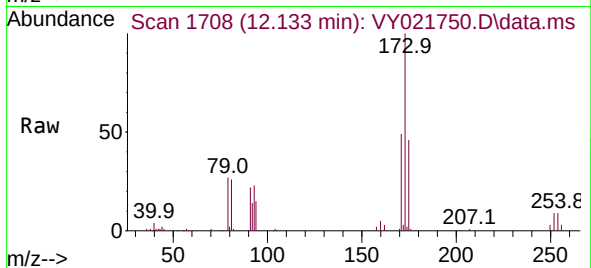
Tgt Ion:173 Resp: 29559

Ion Ratio Lower Upper

173 100

175 45.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

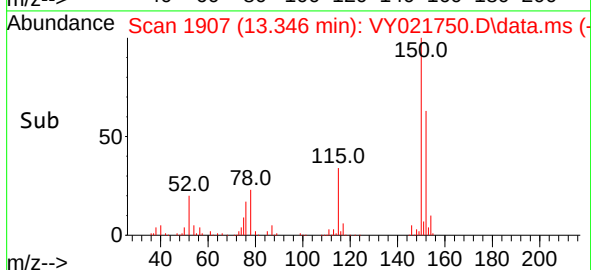
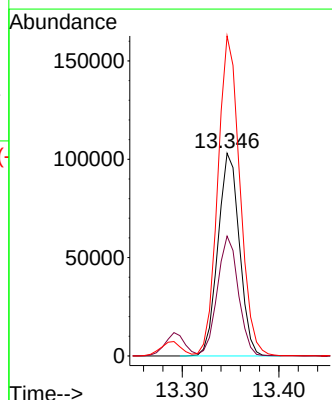
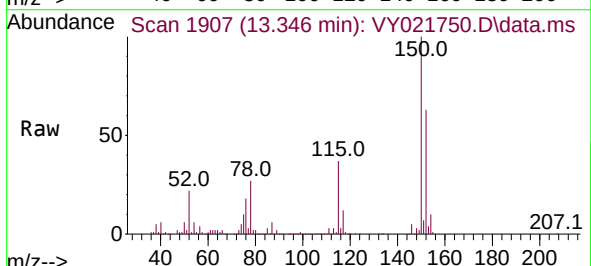
Tgt Ion:152 Resp: 158432

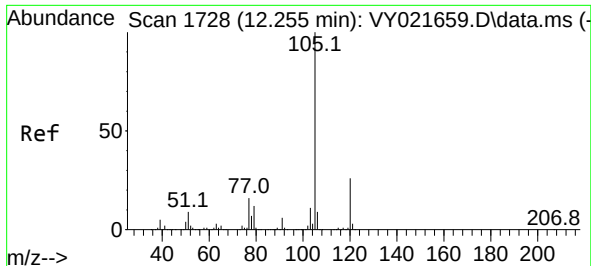
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 162.9 0.0 348.4

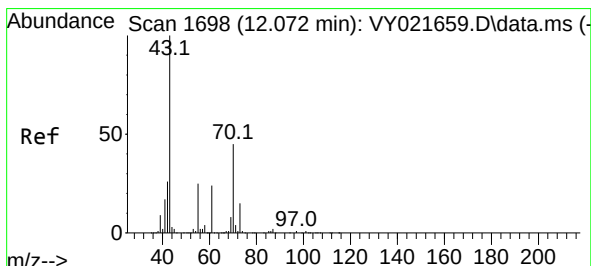
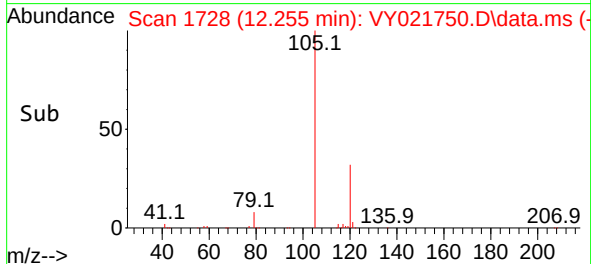
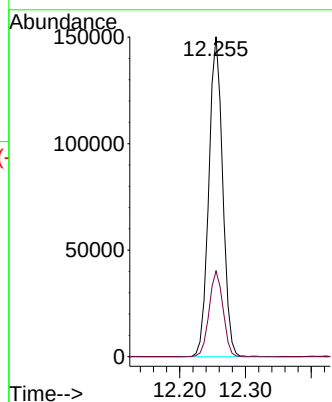
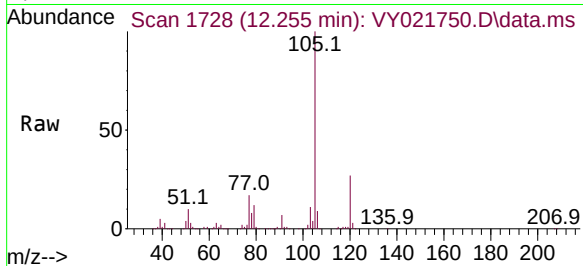




#73
Isopropylbenzene
Concen: 18.676 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

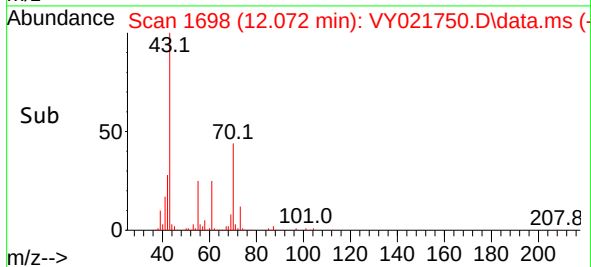
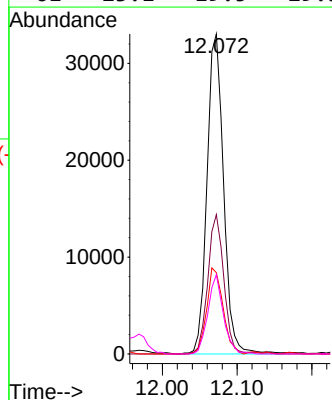
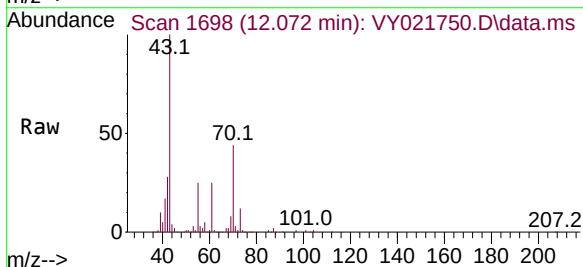
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

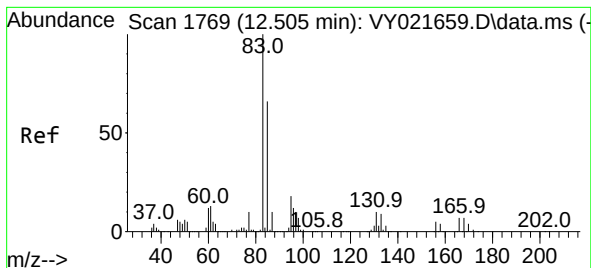
Tgt Ion:105 Resp: 219764
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 18.412 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 43 Resp: 50849
Ion Ratio Lower Upper
43 100
70 42.5 34.7 52.1
55 26.4 21.2 31.8
61 23.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.105 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

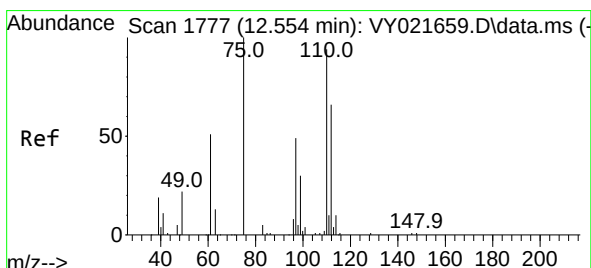
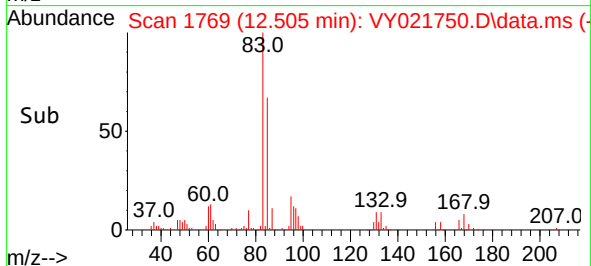
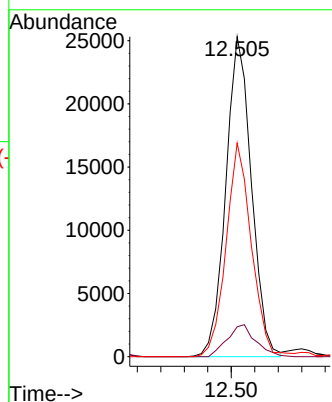
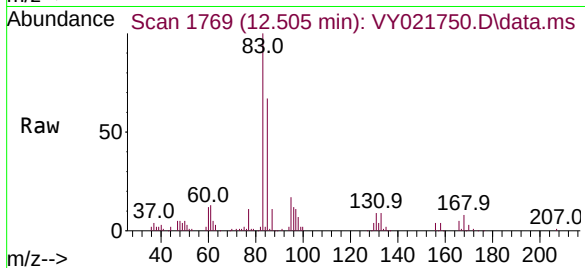
Tgt Ion: 83 Resp: 38303

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

85 66.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.121 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021750.D

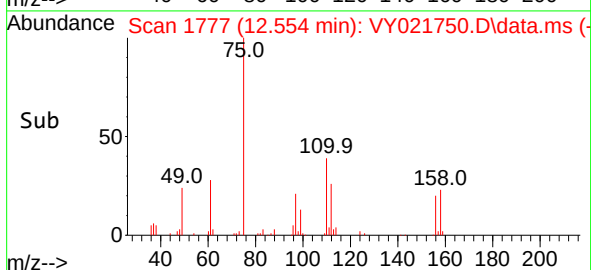
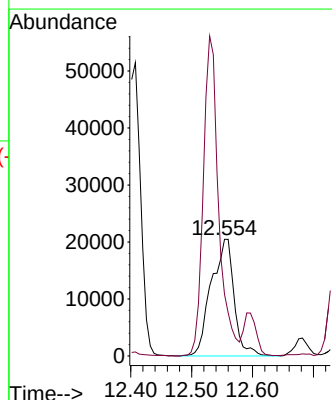
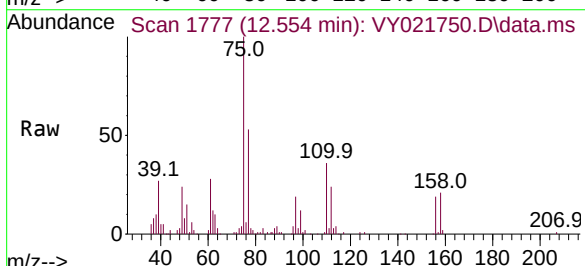
Acq: 02 Apr 2025 10:57

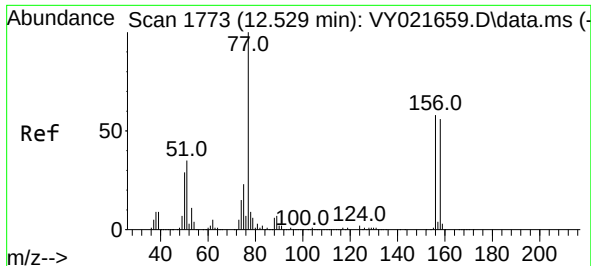
Tgt Ion: 75 Resp: 53586

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

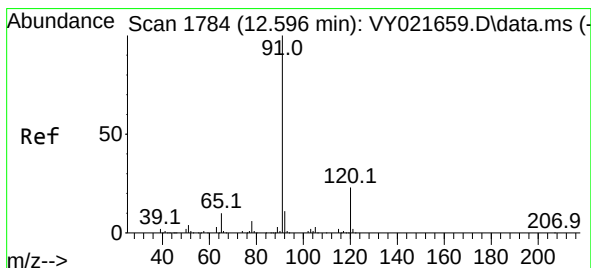
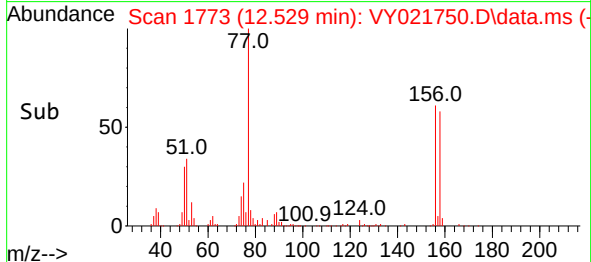
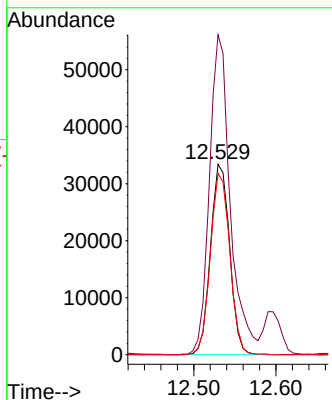
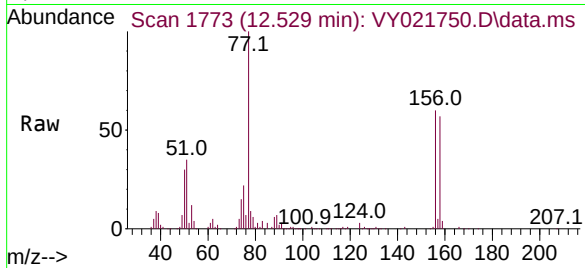




#77
Bromobenzene
Concen: 19.127 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

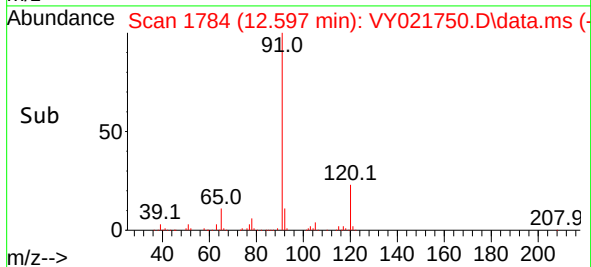
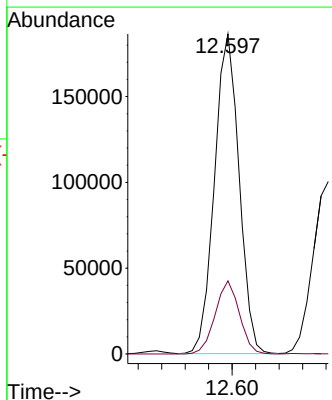
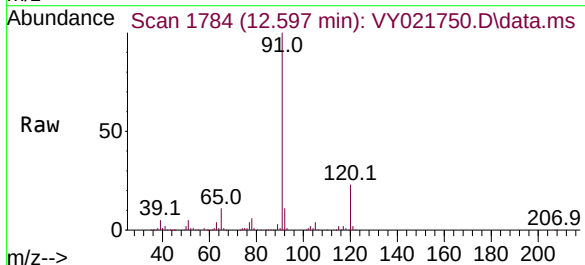
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

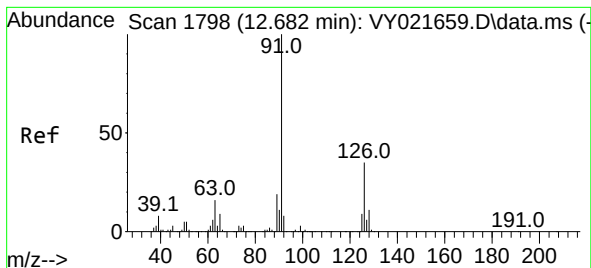
Tgt Ion:156 Resp: 54040
Ion Ratio Lower Upper
156 100
77 183.1 92.8 278.3
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 19.163 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 91 Resp: 271102
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.045 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

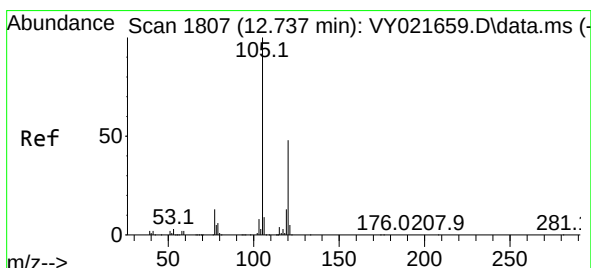
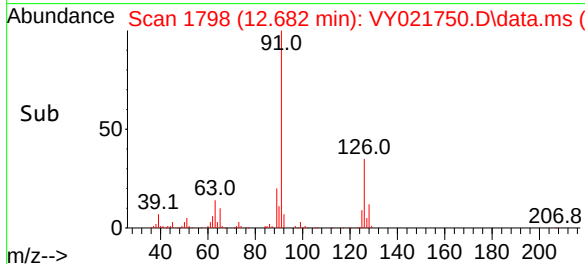
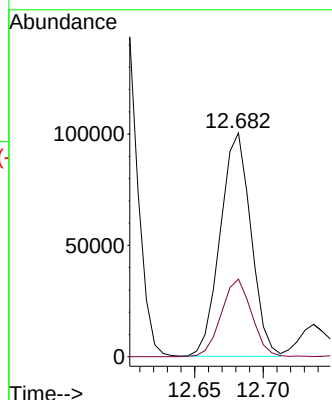
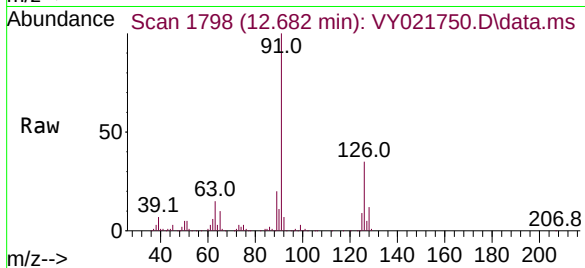
VY0402SBS01

Tgt Ion: 91 Resp: 156495

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.198 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021750.D

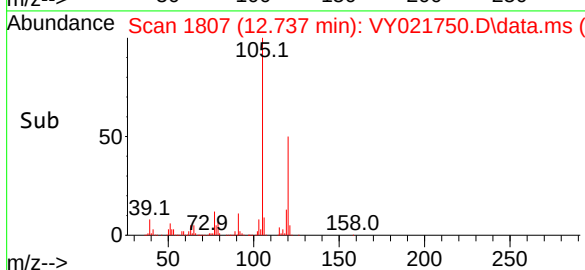
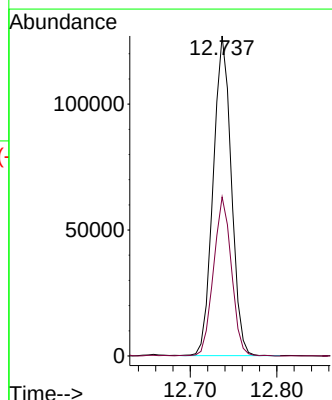
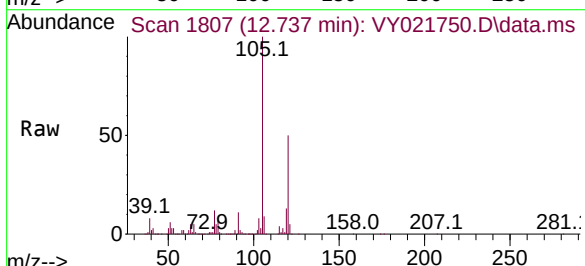
Acq: 02 Apr 2025 10:57

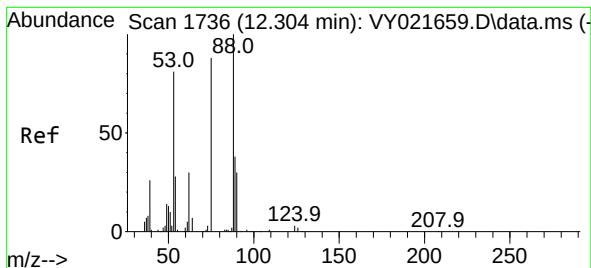
Tgt Ion: 105 Resp: 184636

Ion Ratio Lower Upper

105 100

120 49.2 24.5 73.5

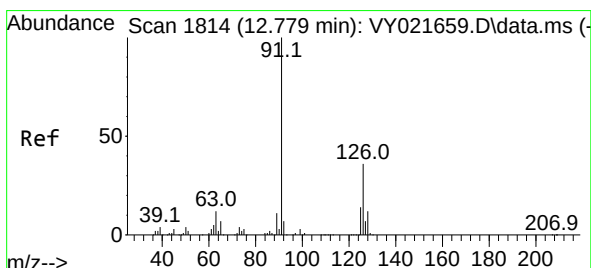
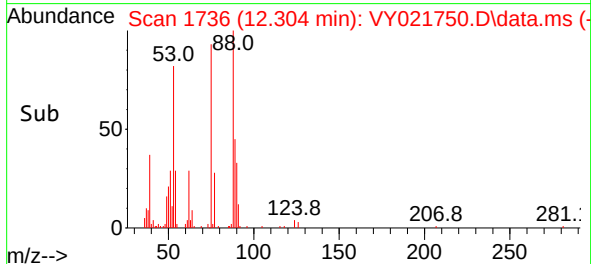
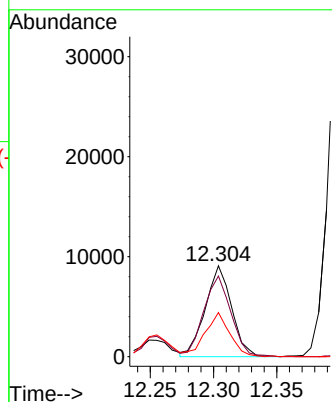
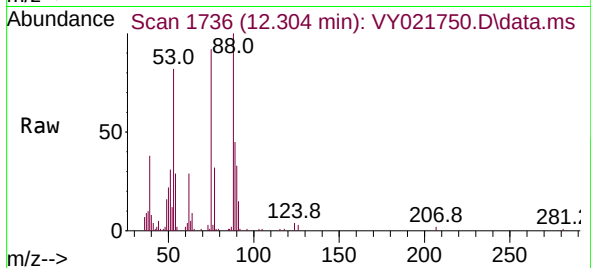




#81
trans-1,4-Dichloro-2-butene
Concen: 19.320 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

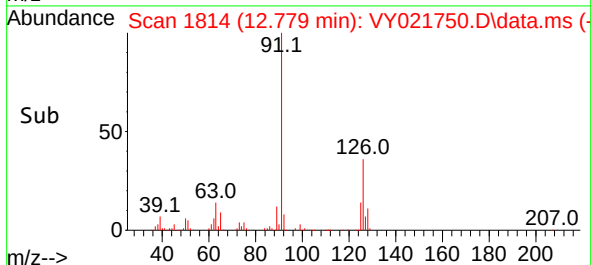
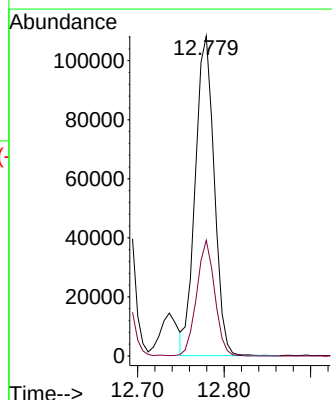
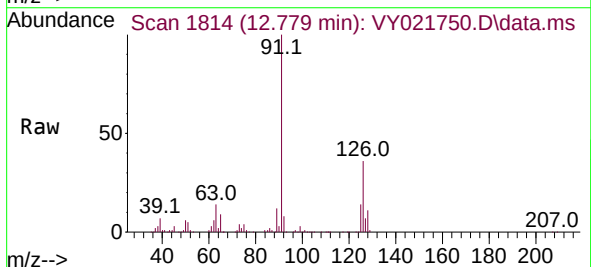
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

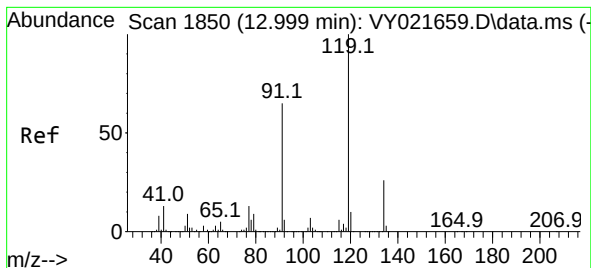
Tgt Ion: 75 Resp: 13168
Ion Ratio Lower Upper
75 100
53 91.9 76.1 114.1
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.183 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion: 91 Resp: 164332
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.717 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

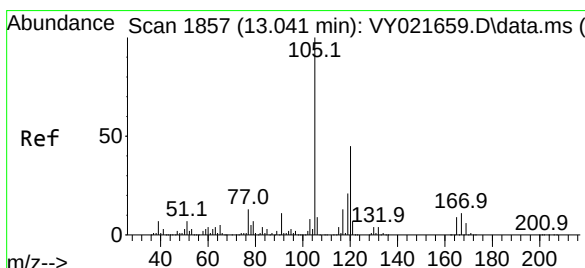
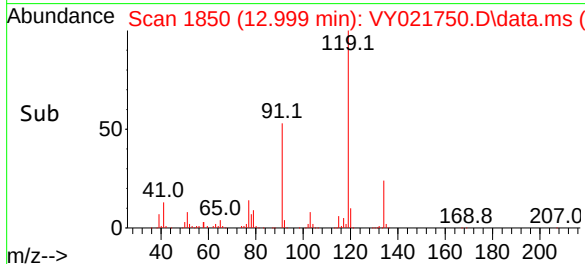
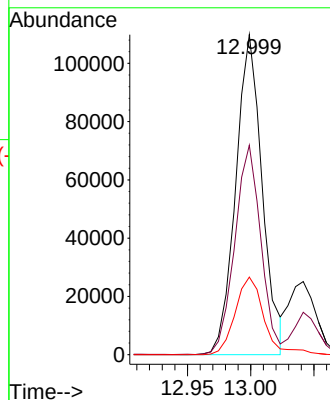
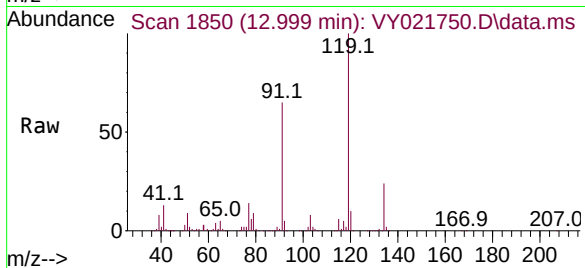
Tgt Ion:119 Resp: 160329

Ion Ratio Lower Upper

119 100

91 64.3 32.6 97.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.253 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021750.D

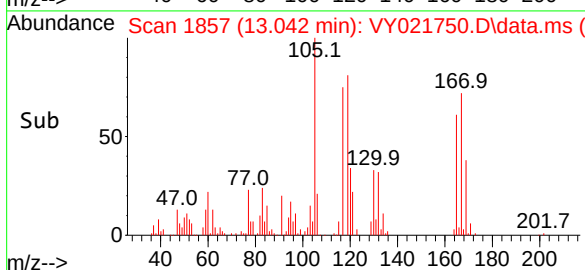
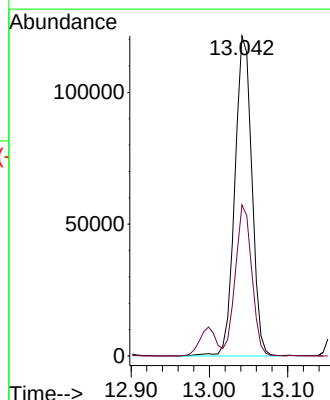
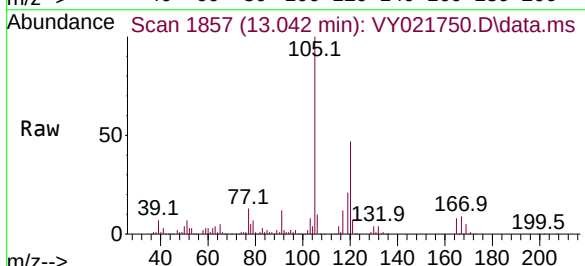
Acq: 02 Apr 2025 10:57

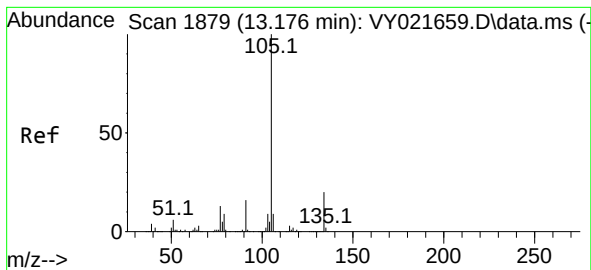
Tgt Ion:105 Resp: 183007

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.129 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

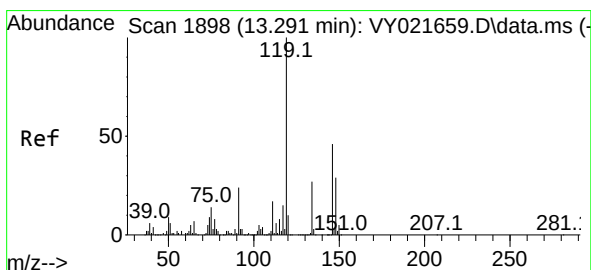
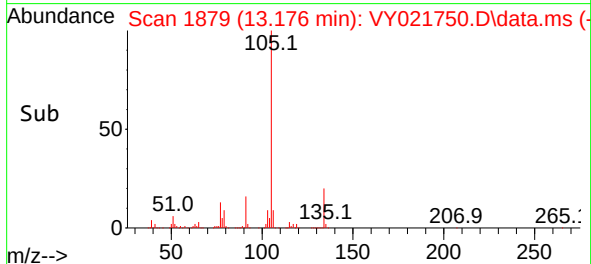
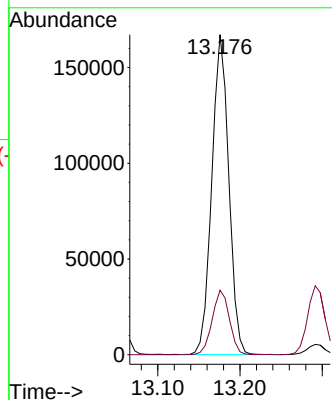
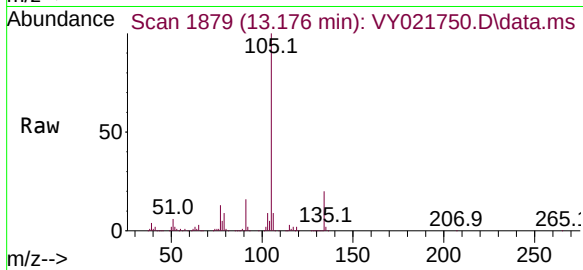
VY0402SBS01

Tgt Ion:105 Resp: 239474

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.273 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

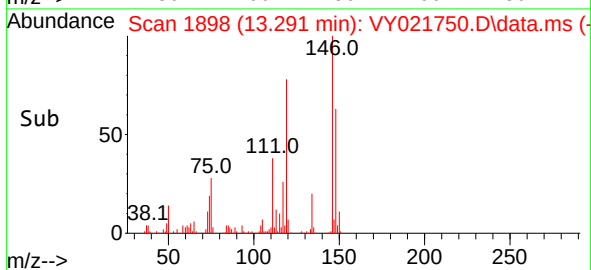
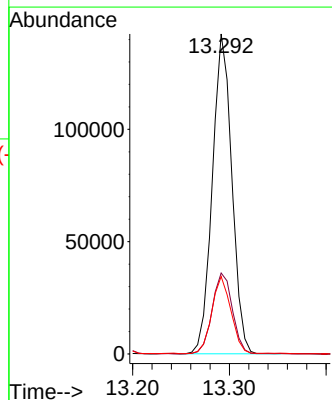
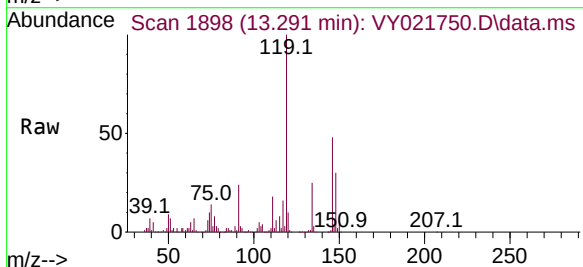
Tgt Ion:119 Resp: 199409

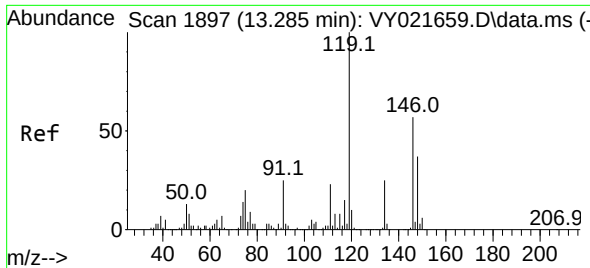
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.7 12.0 36.0

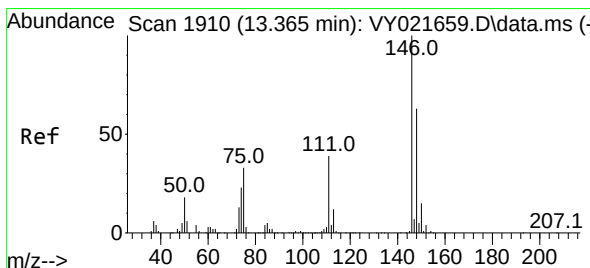
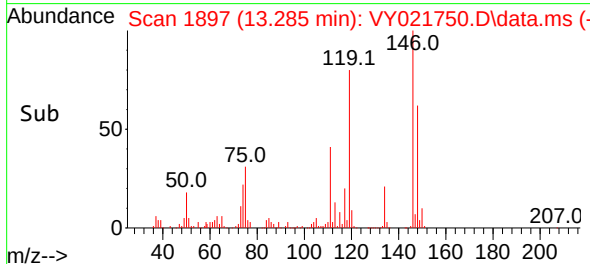
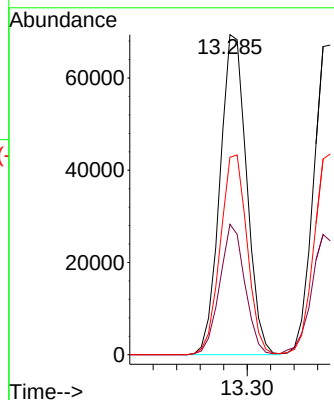
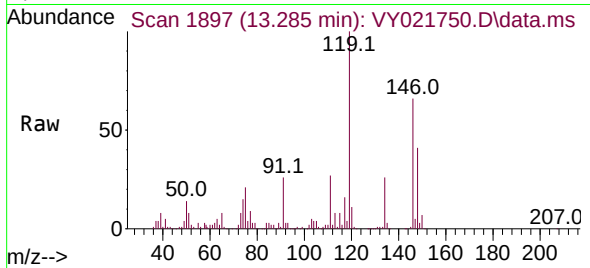




#87
 1,3-Dichlorobenzene
 Concen: 19.676 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

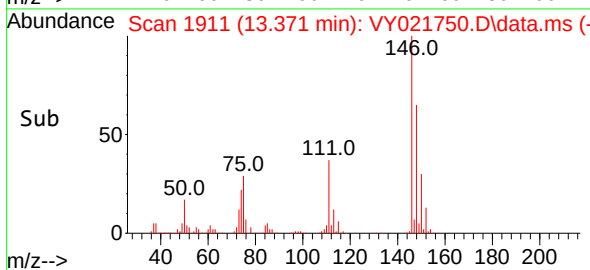
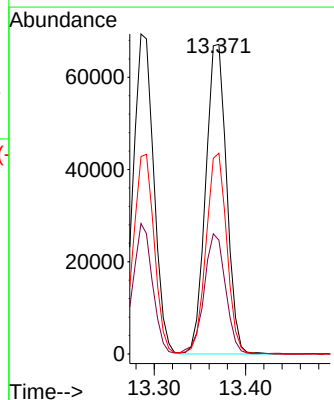
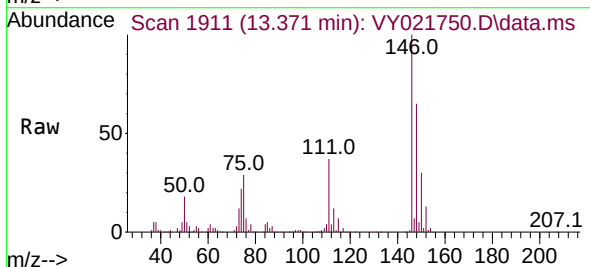
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

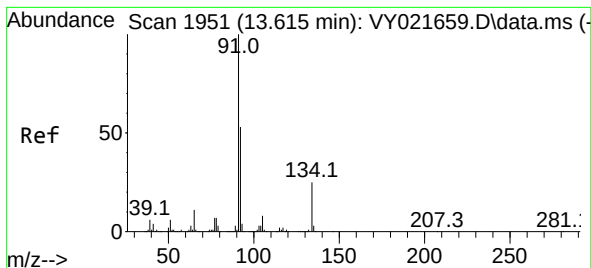
Tgt Ion:146 Resp: 109526
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 60.0
 148 62.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.409 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021750.D
 Acq: 02 Apr 2025 10:57

Tgt Ion:146 Resp: 106740
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 19.034 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

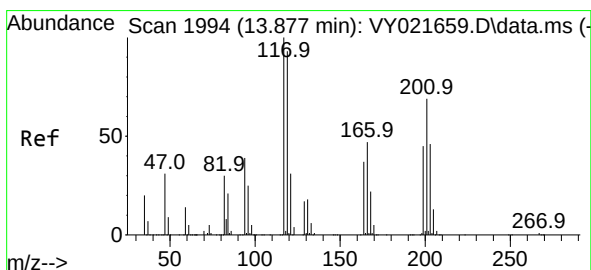
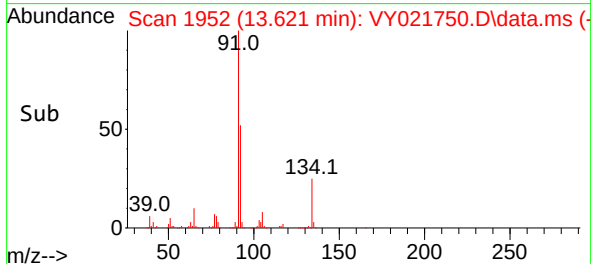
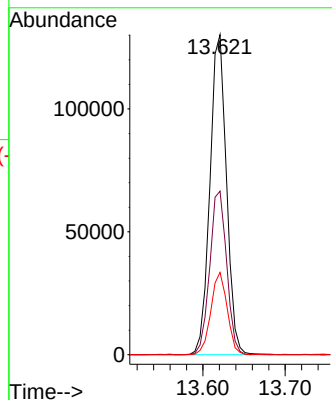
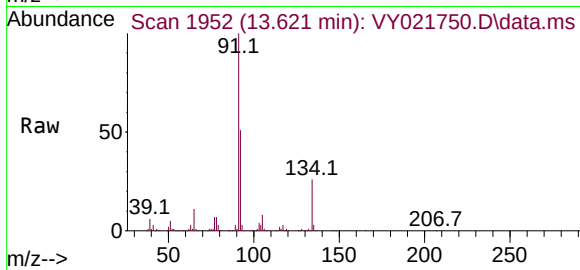
Tgt Ion: 91 Resp: 182135

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.3 12.8 38.4



#90

Hexachloroethane

Concen: 19.052 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021750.D

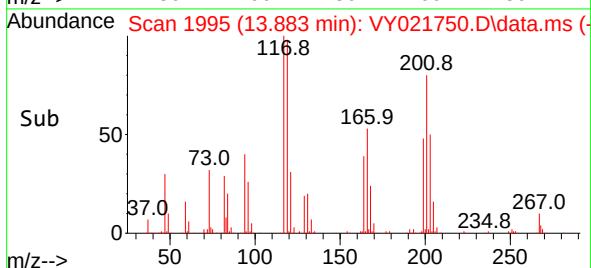
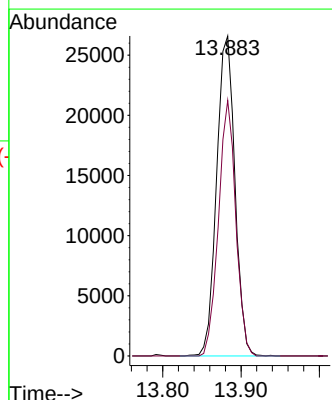
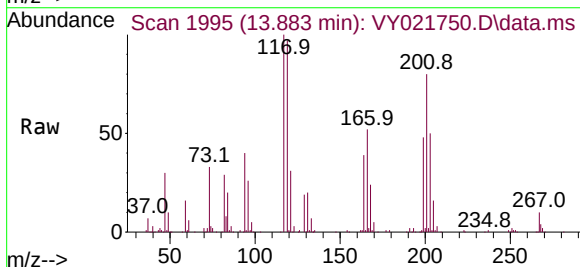
Acq: 02 Apr 2025 10:57

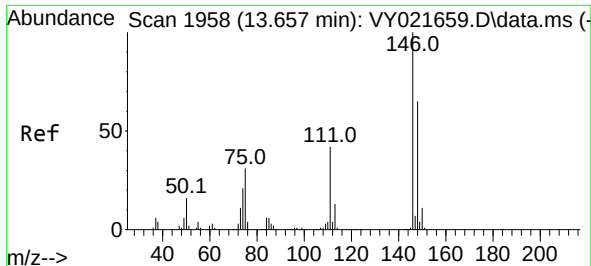
Tgt Ion: 117 Resp: 43198

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.1

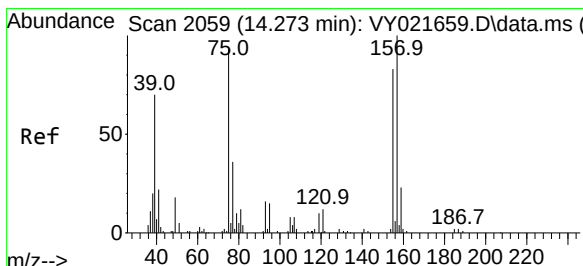
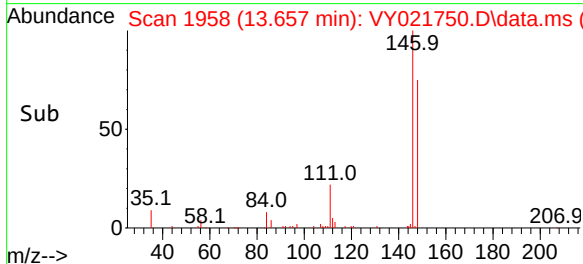
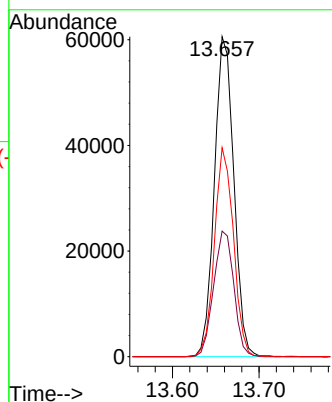
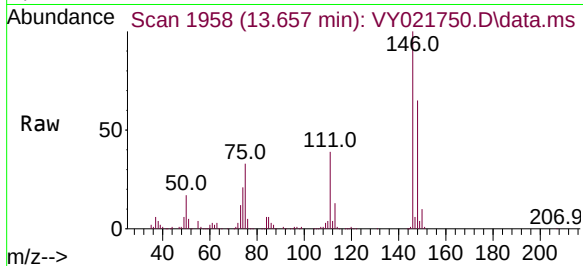




#91
1,2-Dichlorobenzene
Concen: 19.494 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

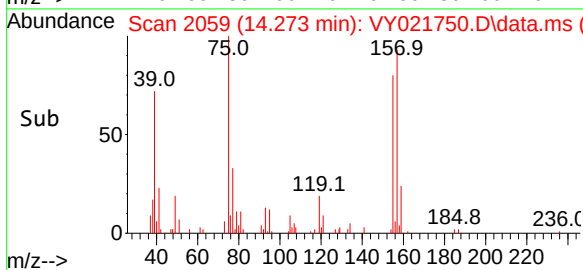
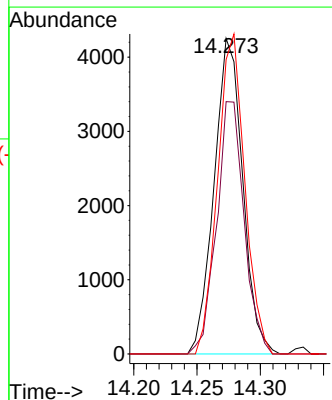
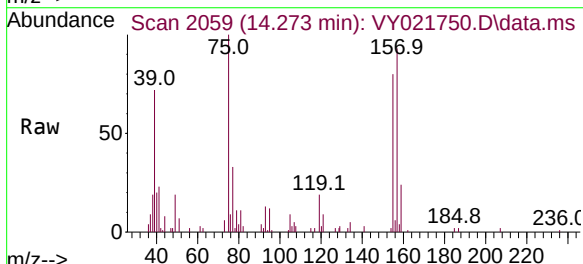
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

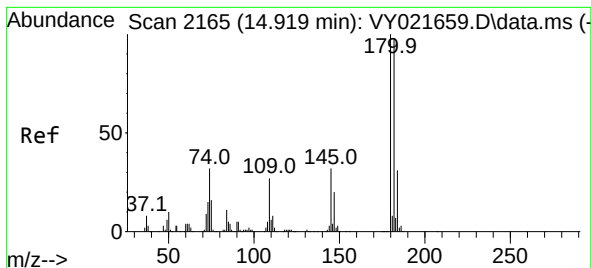
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.8	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.417 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021750.D
Acq: 02 Apr 2025 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	43.0	128.8
157	96.0	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.852 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

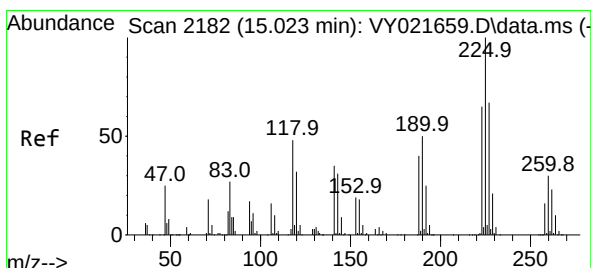
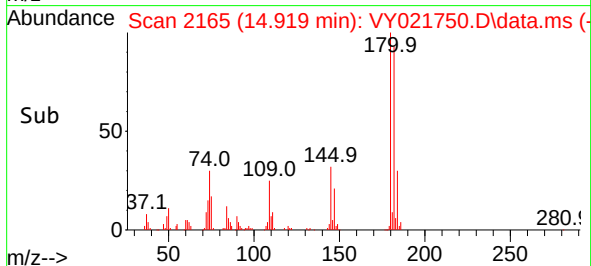
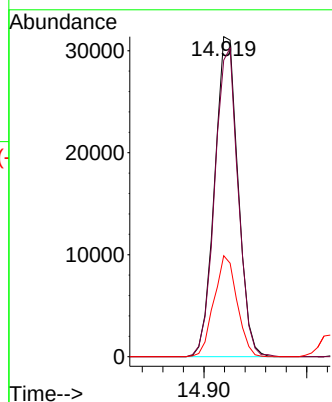
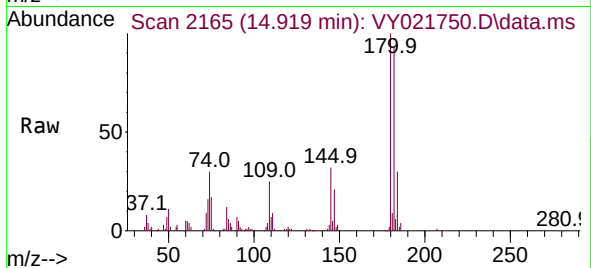
Tgt Ion:180 Resp: 49538

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

145 31.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.161 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

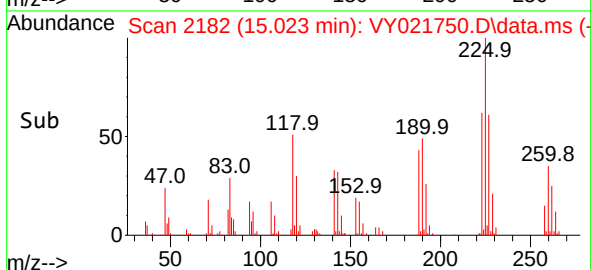
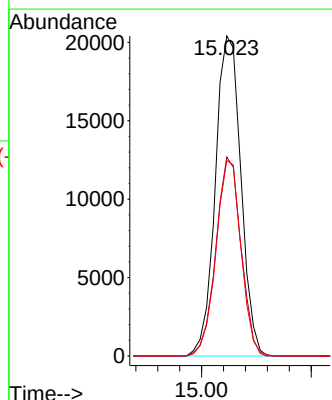
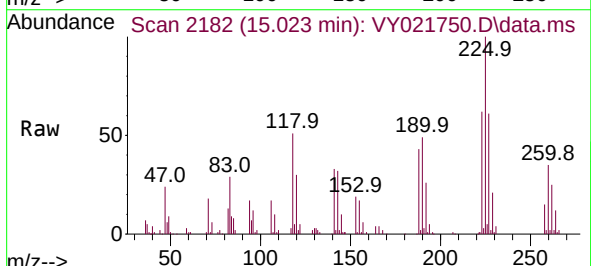
Tgt Ion:225 Resp: 33086

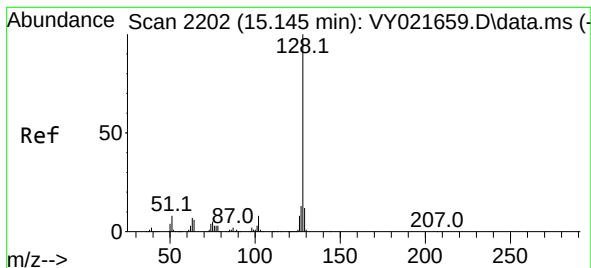
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.7

227 59.7 32.4 97.0





#95

Naphthalene

Concen: 18.163 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

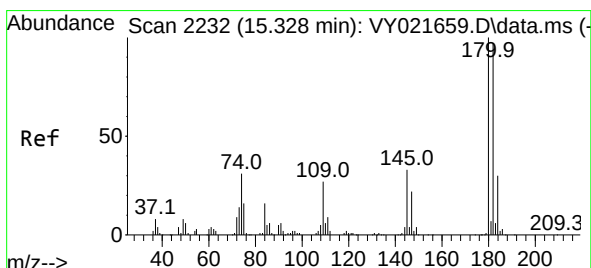
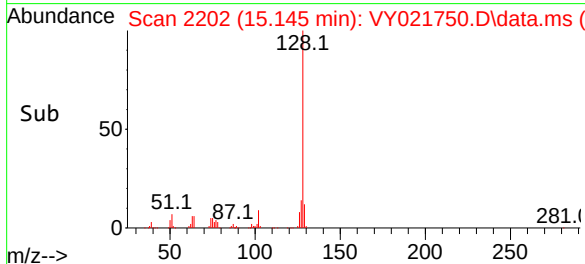
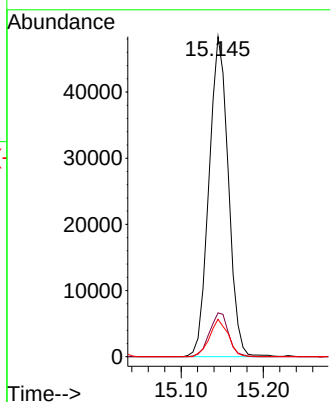
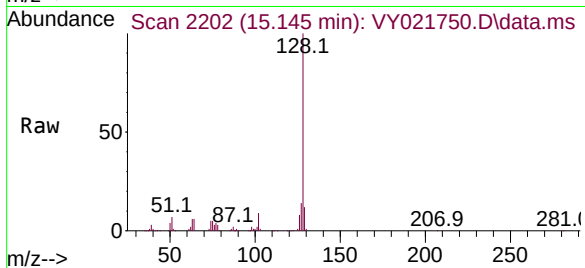
Tgt Ion:128 Resp: 79110

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.860 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021750.D

Acq: 02 Apr 2025 10:57

Tgt Ion:180 Resp: 42262

Ion Ratio Lower Upper

180 100

182 98.0 47.5 142.5

145 33.2 15.9 47.7

