

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021044.D
 Acq On : 03 Feb 2025 20:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:00:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	150613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	211972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79994	51.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.634	113	74152	48.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.720%	
50) Toluene-d8	10.109	98	284105	49.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.408	95	98025	51.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	61617	45.901	ug/l	95
3) Chloromethane	2.068	50	60607	45.754	ug/l	100
4) Vinyl Chloride	2.208	62	57088	42.818	ug/l	99
5) Bromomethane	2.599	94	36480	44.269	ug/l	98
6) Chloroethane	2.739	64	34593	43.586	ug/l	95
7) Trichlorofluoromethane	3.062	101	106810	43.972	ug/l	100
8) Diethyl Ether	3.458	74	36632	48.309	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	67625	44.359	ug/l	95
10) Methyl Iodide	4.007	142	74856	44.197	ug/l	92
11) Tert butyl alcohol	4.860	59	28403	271.611	ug/l	96
12) 1,1-Dichloroethene	3.787	96	66387	46.228	ug/l	94
13) Acrolein	3.653	56	44118	273.975	ug/l	100
14) Allyl chloride	4.391	41	113039	46.705	ug/l	95
15) Acrylonitrile	5.061	53	86171	272.898	ug/l	97
16) Acetone	3.873	43	66438	276.076	ug/l	95
17) Carbon Disulfide	4.110	76	206258	45.803	ug/l	99
18) Methyl Acetate	4.385	43	47400	56.109	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	188518	51.938	ug/l	98
20) Methylene Chloride	4.616	84	72392	48.390	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	73171	46.289	ug/l	91
22) Diisopropyl ether	6.025	45	249181	49.949	ug/l	97
23) Vinyl Acetate	5.964	43	741482	266.624	ug/l	99
24) 1,1-Dichloroethane	5.921	63	138364	47.339	ug/l	98
25) 2-Butanone	6.896	43	113247	286.372	ug/l	99
26) 2,2-Dichloropropane	6.884	77	116234	42.979	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	87919	48.321	ug/l	97
28) Bromochloromethane	7.250	49	71819	62.140	ug/l	100
29) Tetrahydrofuran	7.262	42	77426	289.346	ug/l	94
30) Chloroform	7.427	83	143612	47.836	ug/l	99
31) Cyclohexane	7.701	56	114952	43.674	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	126378	45.277	ug/l	99
36) 1,1-Dichloropropene	7.835	75	101865	45.314	ug/l	99
37) Ethyl Acetate	6.988	43	54849	55.619	ug/l	99
38) Carbon Tetrachloride	7.823	117	117737	44.824	ug/l	99
39) Methylcyclohexane	9.110	83	123544	44.930	ug/l	96
40) Benzene	8.085	78	307960	46.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	29549	51.792	ug/l	97
42) 1,2-Dichloroethane	8.158	62	90840	49.639	ug/l	97
43) Isopropyl Acetate	8.201	43	106766	54.486	ug/l #	83
44) Trichloroethene	8.866	130	76424	44.839	ug/l	100
45) 1,2-Dichloropropane	9.140	63	73935	47.219	ug/l	98
46) Dibromomethane	9.231	93	43834	50.561	ug/l	96
47) Bromodichloromethane	9.427	83	113492	48.812	ug/l	98
48) Methyl methacrylate	9.225	41	50408	56.475	ug/l	93
49) 1,4-Dioxane	9.231	88	9480	1174.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	283659	287.866	ug/l	96
52) Toluene	10.170	92	197041	47.568	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	104010	49.819	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	119027	48.151	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	57799	51.484	ug/l	97
56) Ethyl methacrylate	10.439	69	82139	54.692	ug/l	93
57) 1,3-Dichloropropane	10.719	76	100246	51.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	216508	303.021	ug/l	99
59) 2-Hexanone	10.762	43	190493	300.249	ug/l	96
60) Dibromochloromethane	10.914	129	78173	49.584	ug/l	100
61) 1,2-Dibromoethane	11.018	107	53994	51.347	ug/l	100
64) Tetrachloroethene	10.646	164	69395	44.100	ug/l	98
65) Chlorobenzene	11.444	112	215446	45.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	79305	47.281	ug/l	97
67) Ethyl Benzene	11.518	91	379921	45.509	ug/l	99
68) m/p-Xylenes	11.627	106	288053	92.233	ug/l	98
69) o-Xylene	11.957	106	137173	47.110	ug/l	98
70) Styrene	11.969	104	235472	48.521	ug/l	99
71) Bromoform	12.133	173	48221	51.649	ug/l #	98
73) Isopropylbenzene	12.255	105	363608	42.334	ug/l	99
74) N-amyl acetate	12.072	43	97254	51.791	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	67865	47.509	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	88239	88.467	ug/l #	100
77) Bromobenzene	12.536	156	86065	43.422	ug/l	95
78) n-propylbenzene	12.597	91	432483	42.270	ug/l	99
79) 2-Chlorotoluene	12.682	91	250259	42.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	299919	43.069	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22992	47.036	ug/l	94
82) 4-Chlorotoluene	12.780	91	255553	42.802	ug/l	100
83) tert-Butylbenzene	12.999	119	266857	42.160	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	300133	44.079	ug/l	98
85) sec-Butylbenzene	13.176	105	383860	42.129	ug/l	98
86) p-Isopropyltoluene	13.292	119	323125	42.692	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	169004	44.160	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	162770	43.196	ug/l	97
89) n-Butylbenzene	13.621	91	294105	42.595	ug/l	99
90) Hexachloroethane	13.883	117	66837	42.330	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	150324	45.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10987	51.470	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	87931	47.557	ug/l	99
94) Hexachlorobutadiene	15.029	225	52579	42.913	ug/l	99
95) Naphthalene	15.145	128	163282	55.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	75807	49.267	ug/l	97

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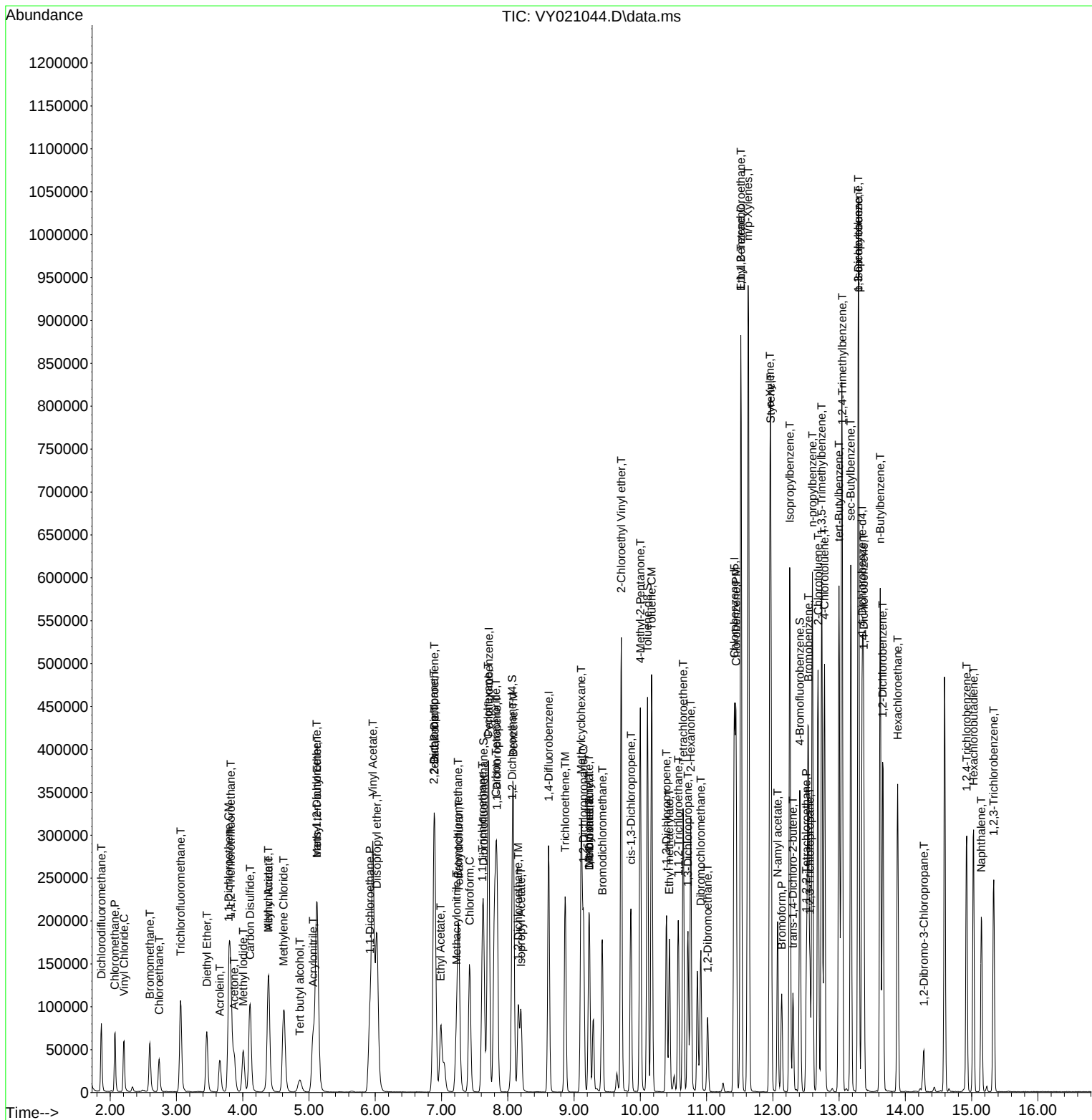
Instrument :
MSVOA_Y
ClientSampleId :

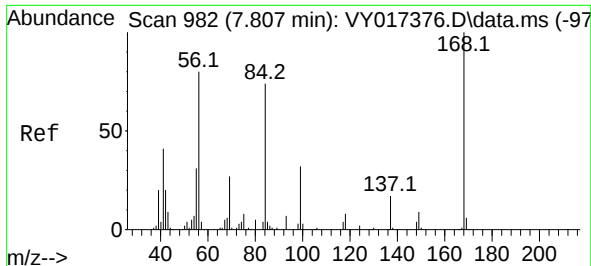
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QLast Update : Mon Feb 03 13:08:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

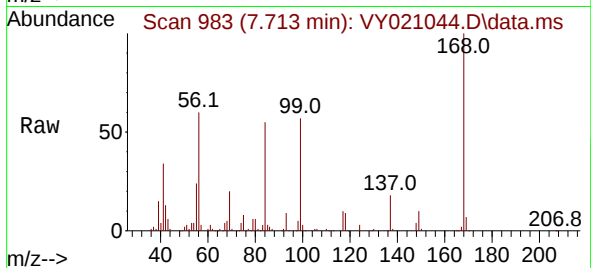
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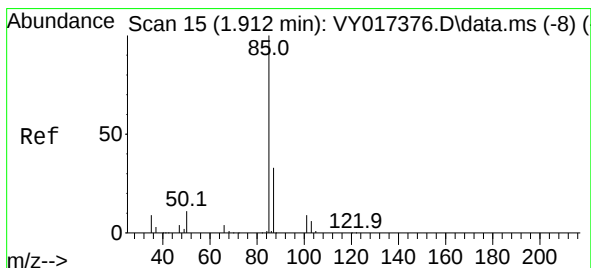
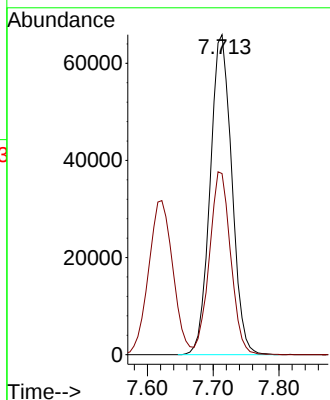
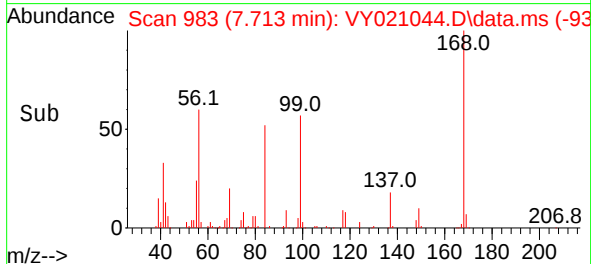


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021044.D
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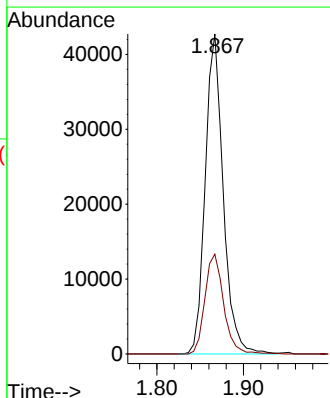
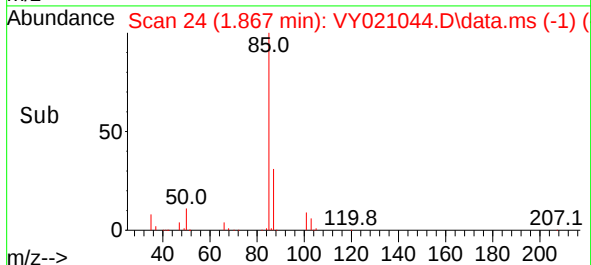
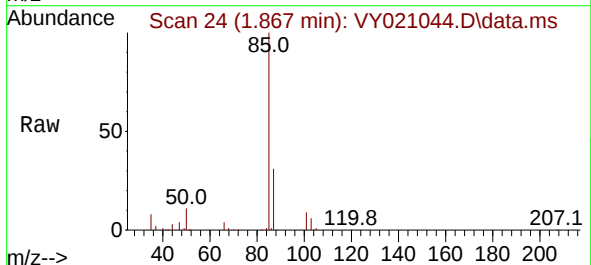


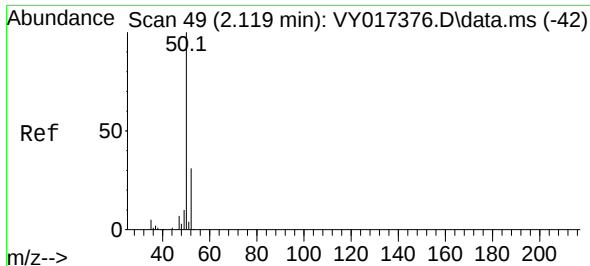
Tgt Ion:168 Resp: 150613
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.901 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 85 Resp: 61617
Ion Ratio Lower Upper
85 100
87 31.2 17.1 51.3

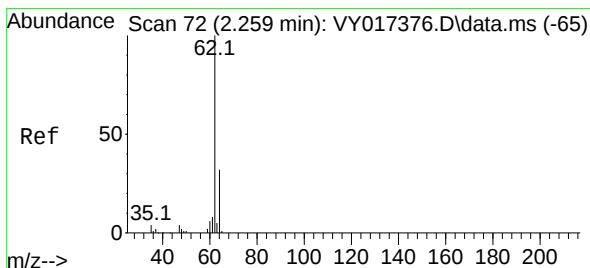
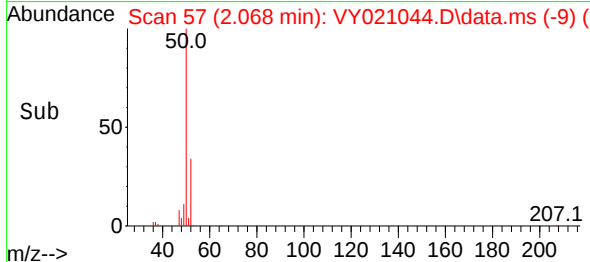
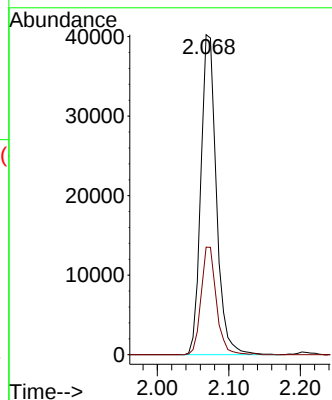
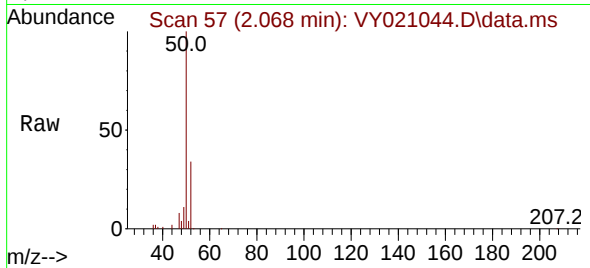




#3
Chloromethane
Concen: 45.754 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

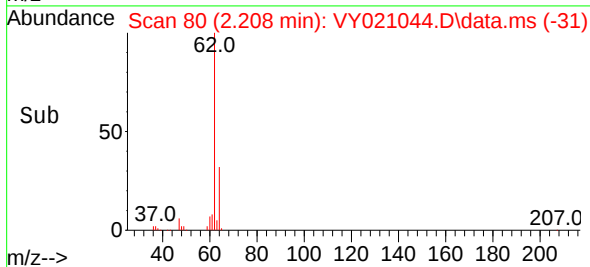
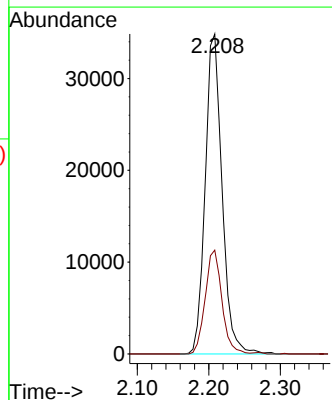
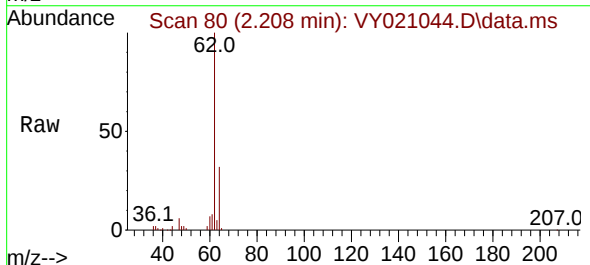
Instrument :
MSVOA_Y
ClientSampleId :

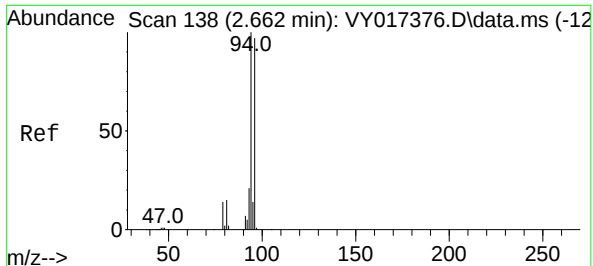
Tgt Ion: 50 Resp: 60607
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 42.818 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 62 Resp: 57088
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

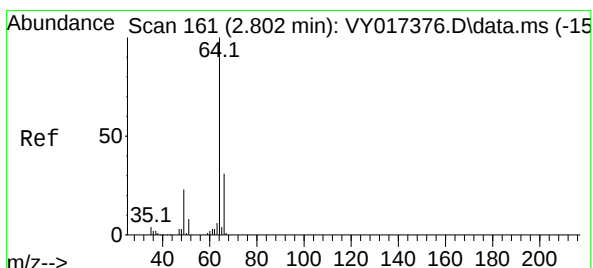
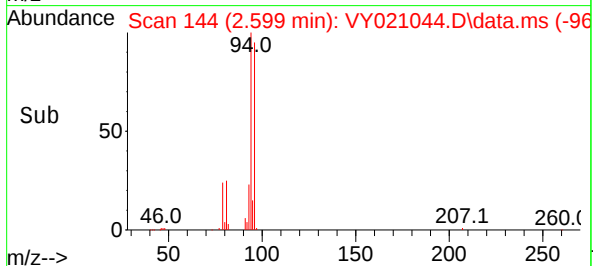
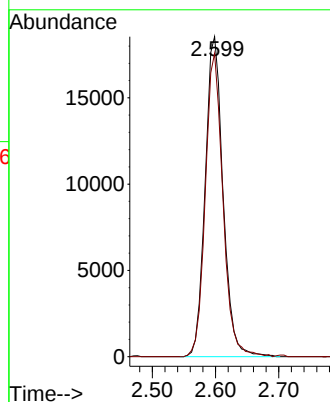
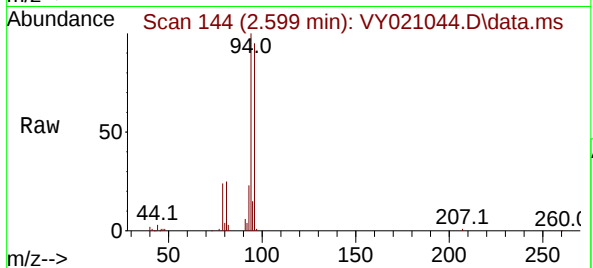




#5
Bromomethane
Concen: 44.269 ug/l
RT: 2.599 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

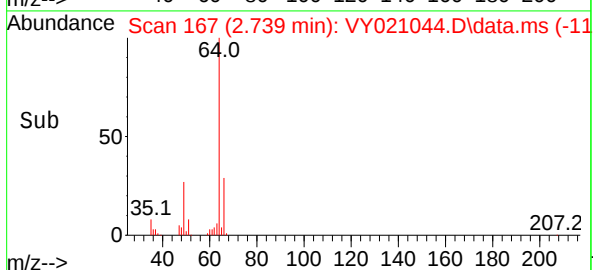
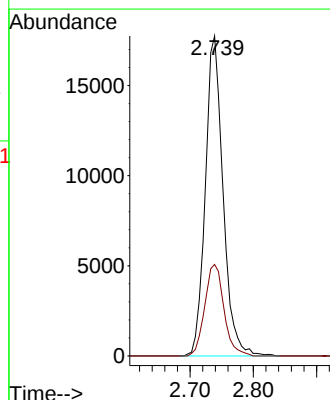
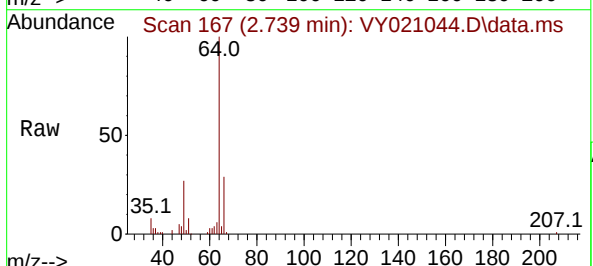
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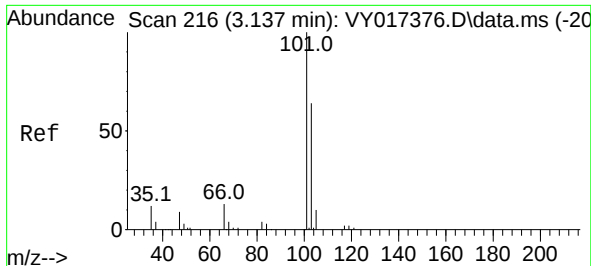
Tgt Ion: 94 Resp: 36480
Ion Ratio Lower Upper
94 100
96 94.8 77.3 115.9



#6
Chloroethane
Concen: 43.586 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 64 Resp: 34593
Ion Ratio Lower Upper
64 100
66 28.6 25.1 37.7

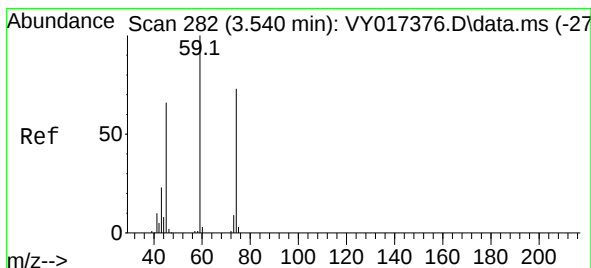
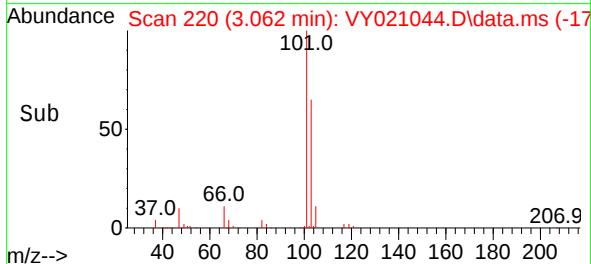
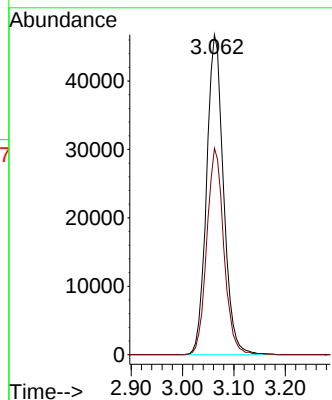
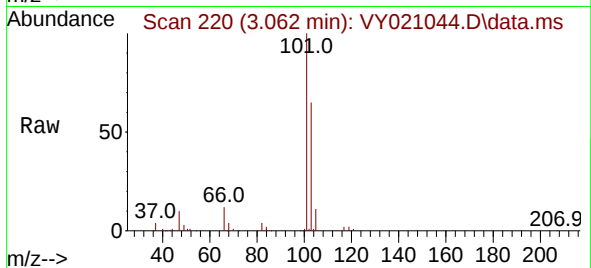




#7
 Trichlorofluoromethane
 Concen: 43.972 ug/l
 RT: 3.062 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY021044.D
 Acq: 03 Feb 2025 20:54

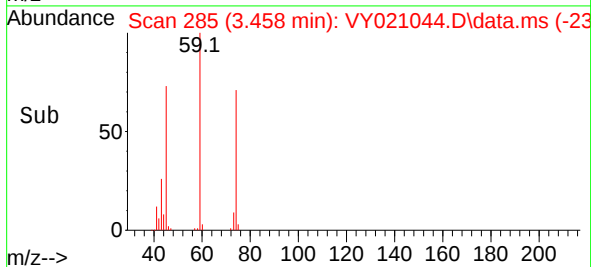
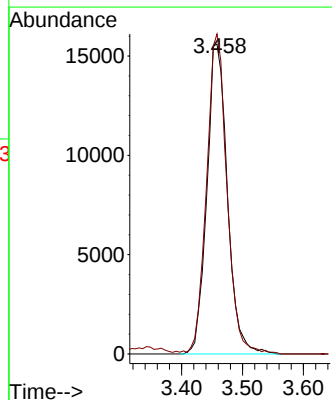
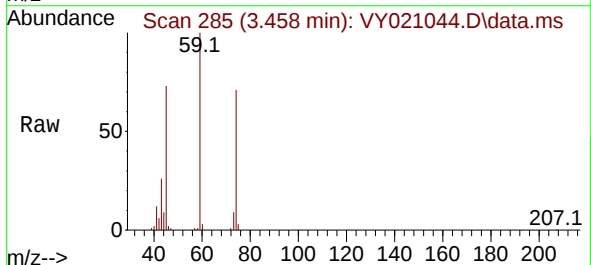
Instrument :
 MSVOA_Y
 ClientSampleId :

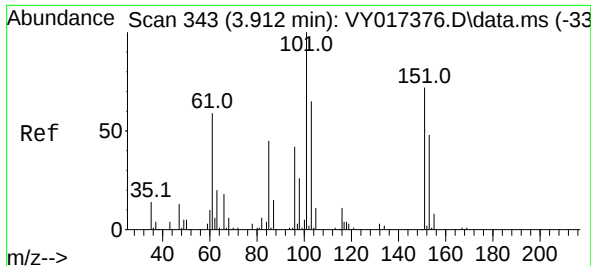
Tgt Ion:101 Resp: 106810
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 48.309 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021044.D
 Acq: 03 Feb 2025 20:54

Tgt Ion: 74 Resp: 36632
 Ion Ratio Lower Upper
 74 100
 45 102.6 47.9 143.7

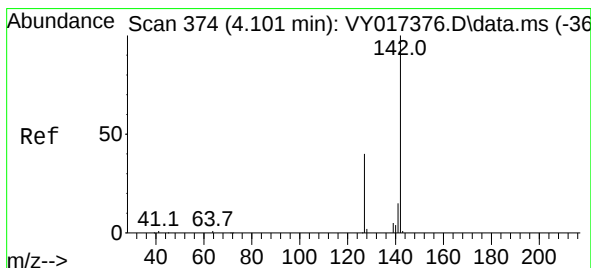
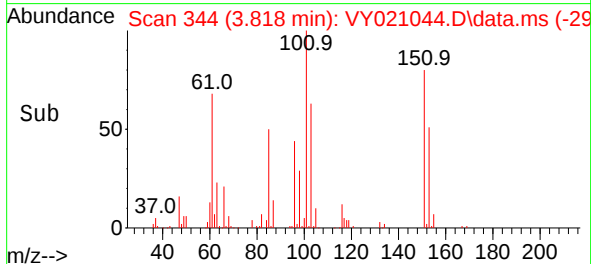
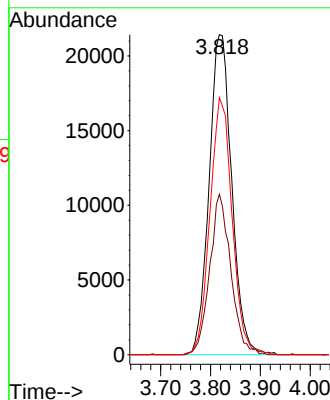
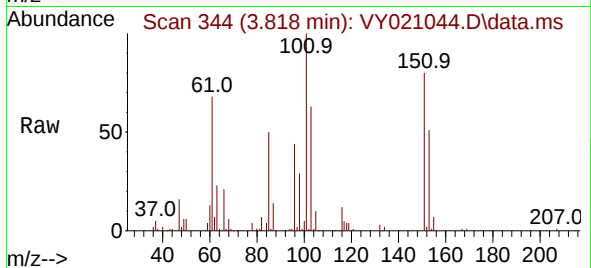




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.359 ug/l
RT: 3.818 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

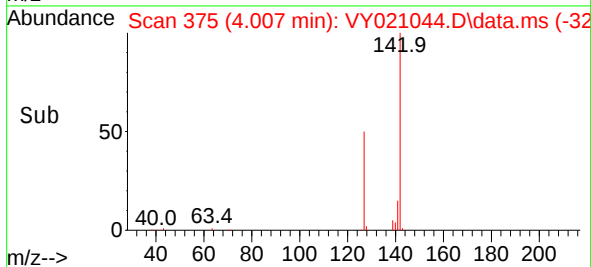
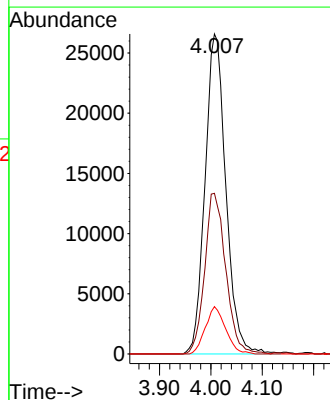
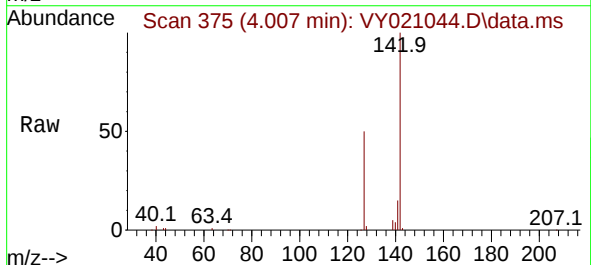
Instrument :
MSVOA_Y
ClientSampleId :

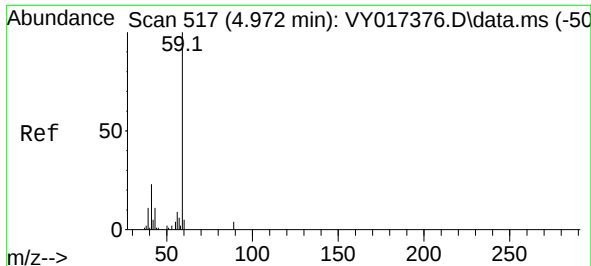
Tgt Ion:101 Resp: 67625
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 78.6 58.6 88.0



#10
Methyl Iodide
Concen: 44.197 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion:142 Resp: 74856
Ion Ratio Lower Upper
142 100
127 50.7 35.1 52.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 271.611 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

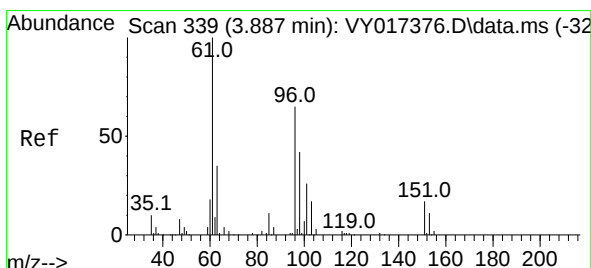
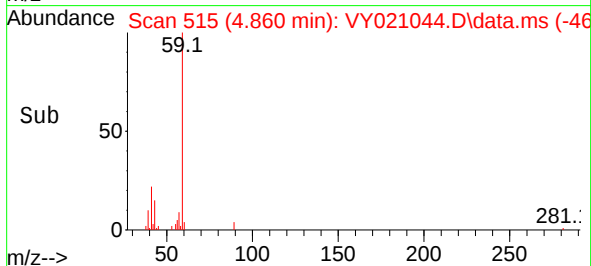
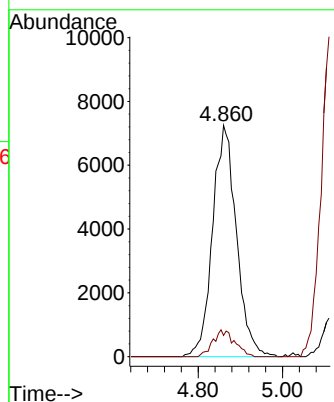
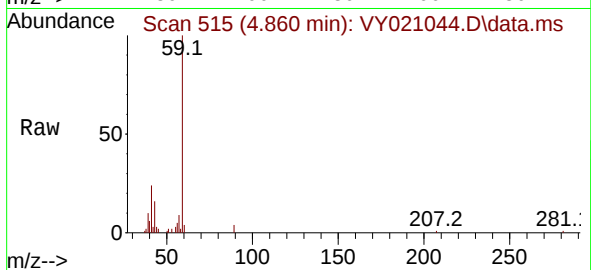
ClientSampleId :

Tgt Ion: 59 Resp: 28403

Ion Ratio Lower Upper

59 100

57 10.5 7.4 11.0



#12

1,1-Dichloroethene

Concen: 46.228 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

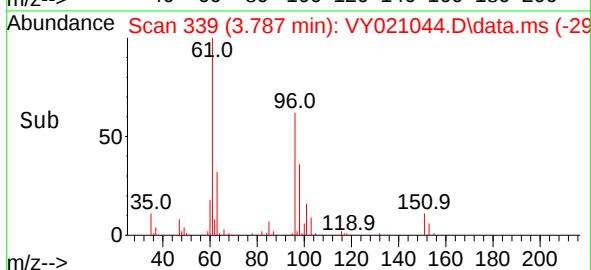
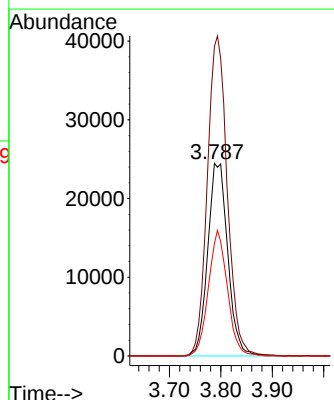
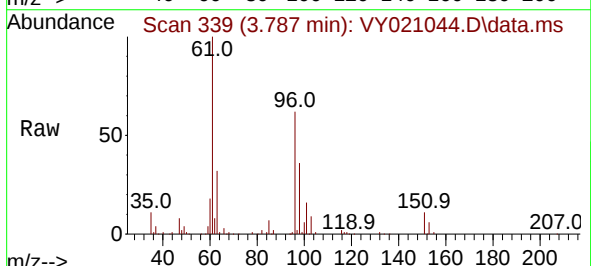
Tgt Ion: 96 Resp: 66387

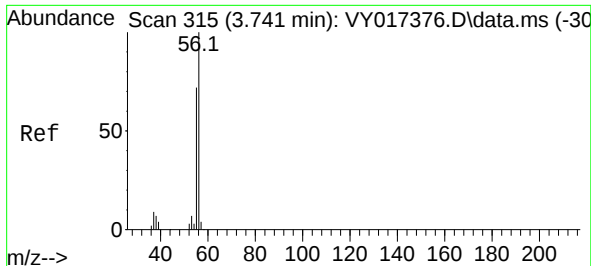
Ion Ratio Lower Upper

96 100

61 160.7 124.2 186.2

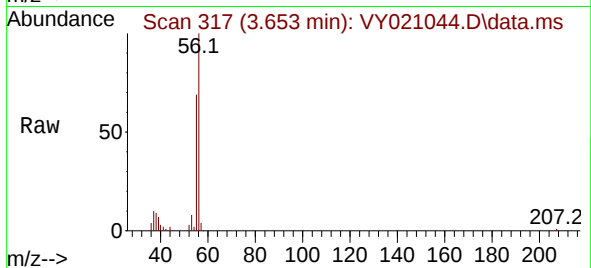
98 58.4 52.6 79.0



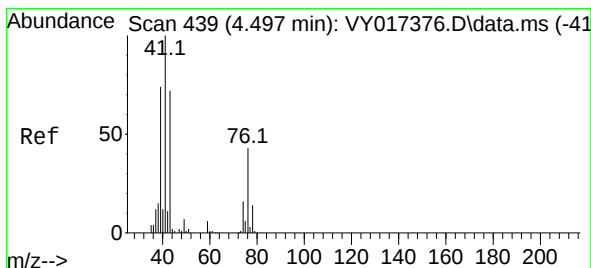
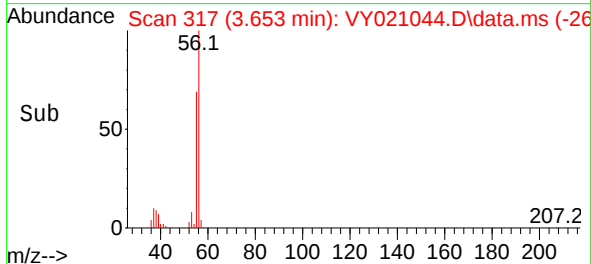
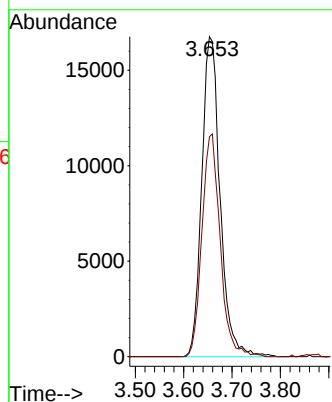


#13
Acrolein
Concen: 273.975 ug/l
RT: 3.653 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Instrument :
MSVOA_Y
ClientSampleId :

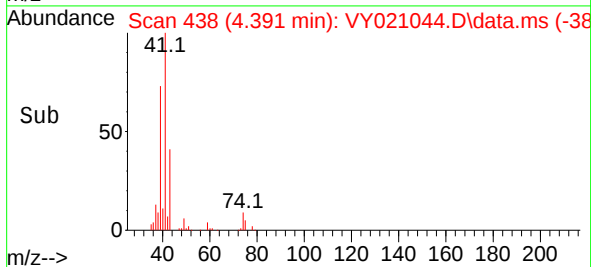
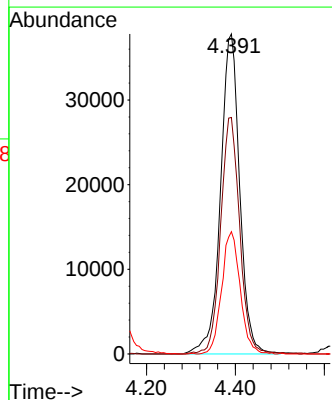
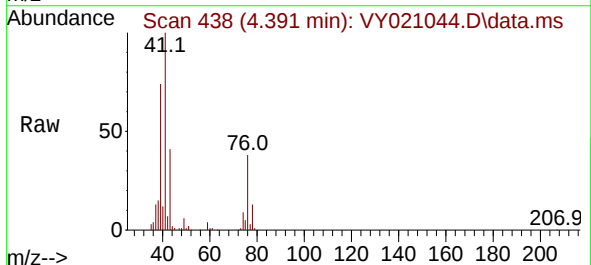


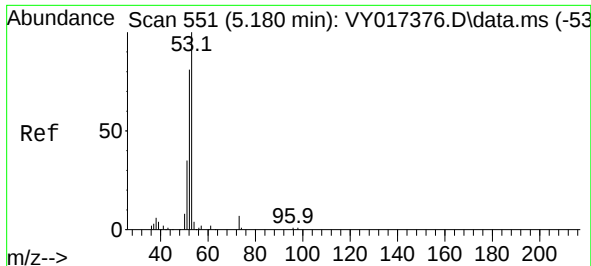
Tgt Ion: 56 Resp: 44118
Ion Ratio Lower Upper
56 100
55 69.4 55.4 83.0



#14
Allyl chloride
Concen: 46.705 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 41 Resp: 113039
Ion Ratio Lower Upper
41 100
39 73.2 54.7 82.1
76 36.9 31.8 47.6





#15

Acrylonitrile

Concen: 272.898 ug/l

RT: 5.061 min Scan# 54

Delta R.T. -0.000 min

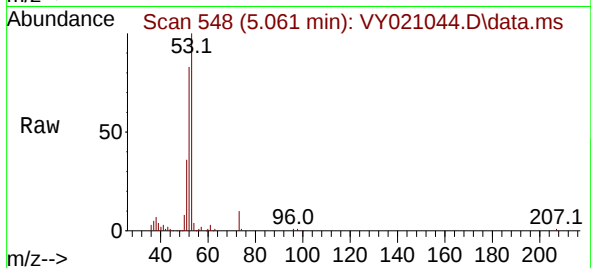
Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

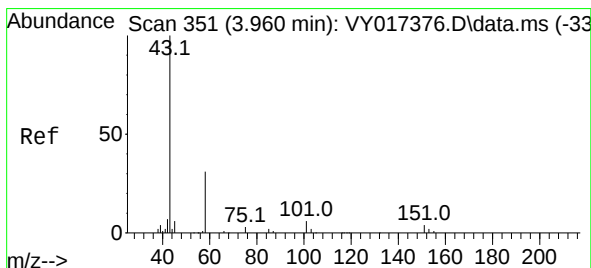
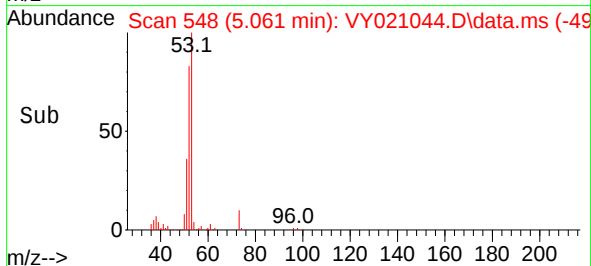
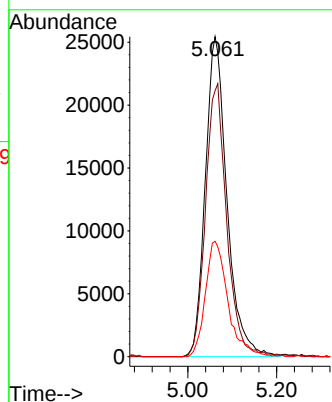
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 86171
Ion Ratio	Lower Upper
53	100
52	83.9 65.1 97.7
51	37.7 29.0 43.4



#16

Acetone

Concen: 276.076 ug/l

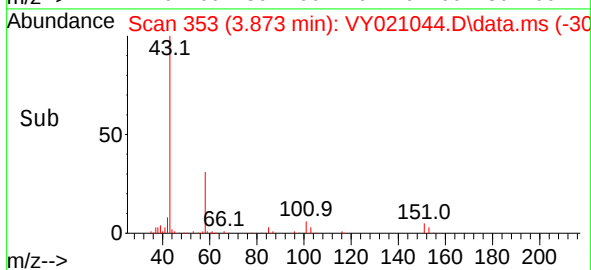
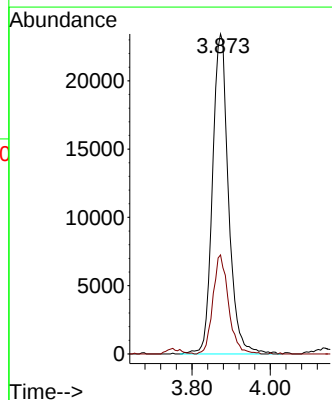
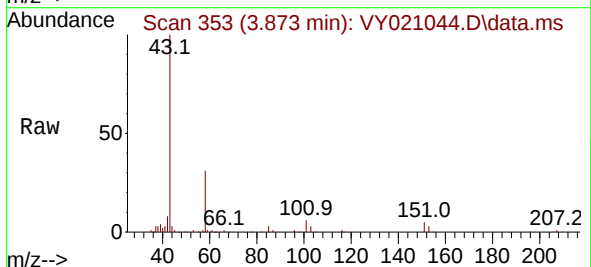
RT: 3.873 min Scan# 353

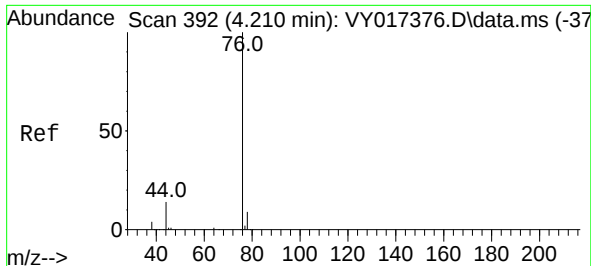
Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Tgt Ion: 43	Resp: 66438
Ion Ratio	Lower Upper
43	100
58	30.6 26.6 39.8

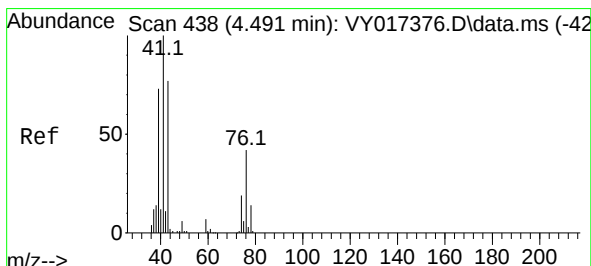
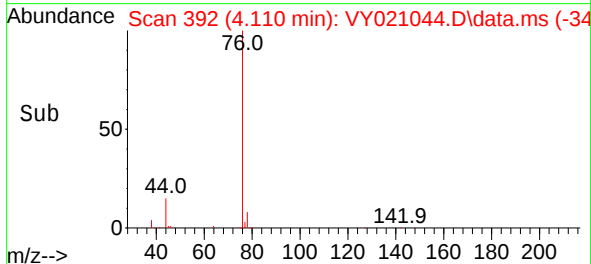
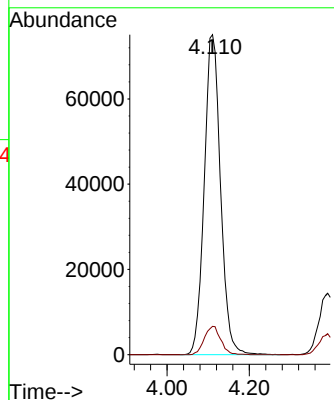
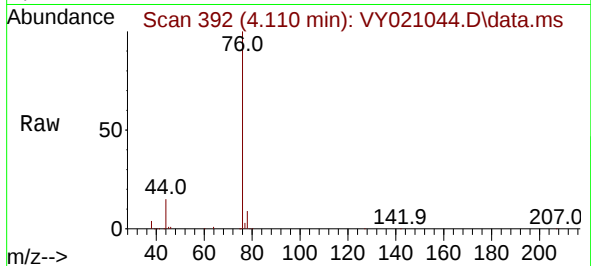




#17
Carbon Disulfide
Concen: 45.803 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

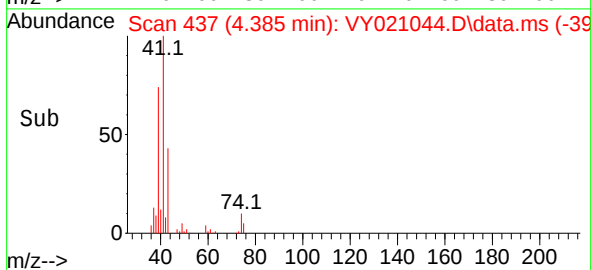
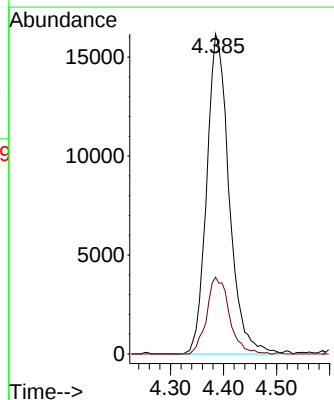
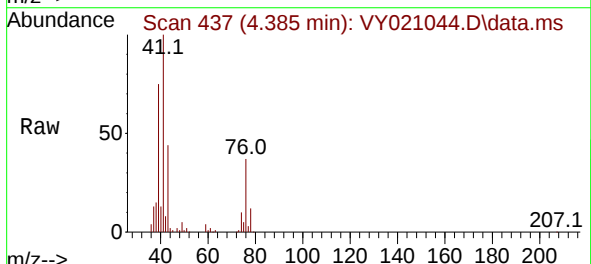
Instrument :
MSVOA_Y
ClientSampleId :

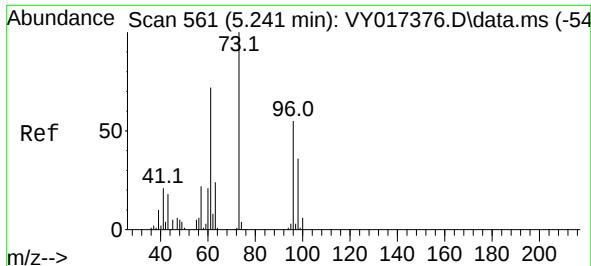
Tgt Ion: 76 Resp: 206258
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 56.109 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 43 Resp: 47400
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 51.938 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

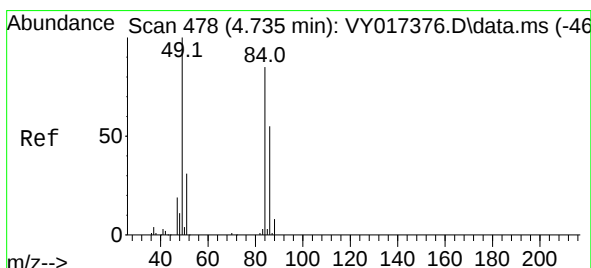
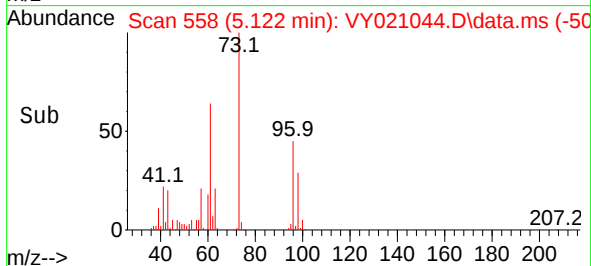
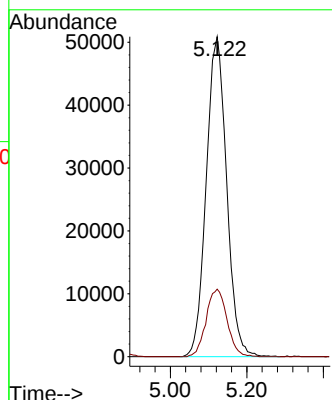
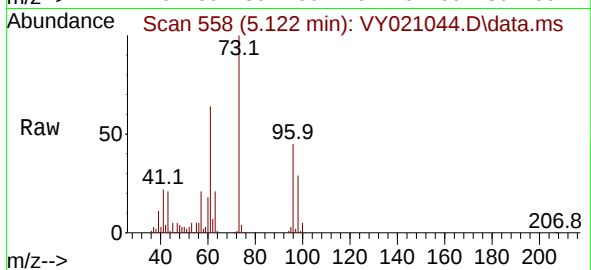
ClientSampleId :

Tgt Ion: 73 Resp: 188518

Ion Ratio Lower Upper

73 100

57 21.1 17.7 26.5



#20

Methylene Chloride

Concen: 48.390 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Tgt Ion: 84 Resp: 72392

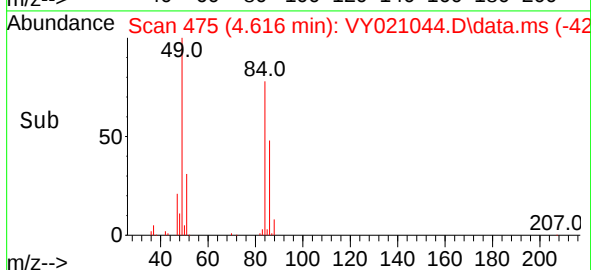
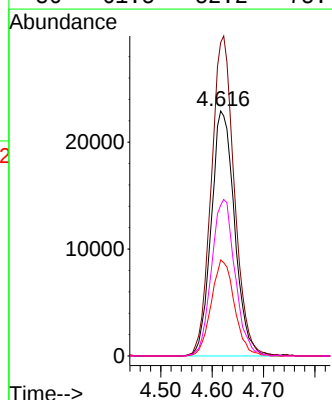
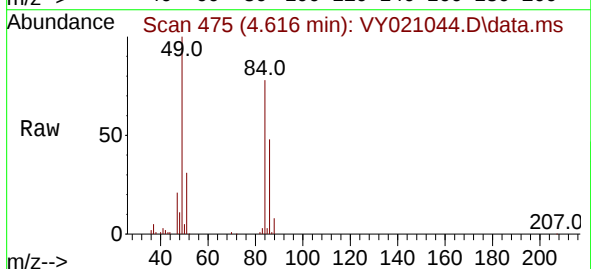
Ion Ratio Lower Upper

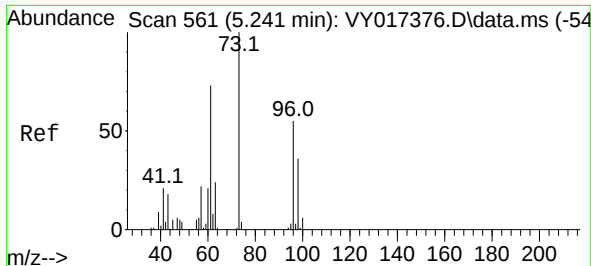
84 100

49 128.0 95.2 142.8

51 39.2 29.9 44.9

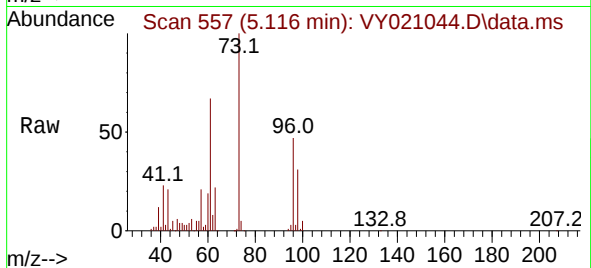
86 61.5 52.2 78.4



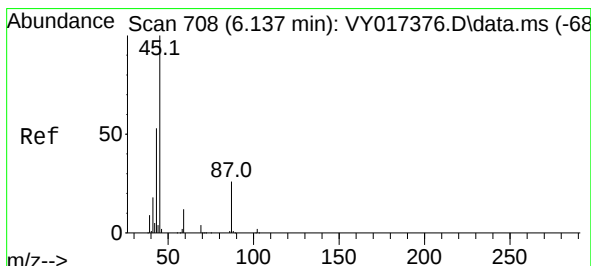
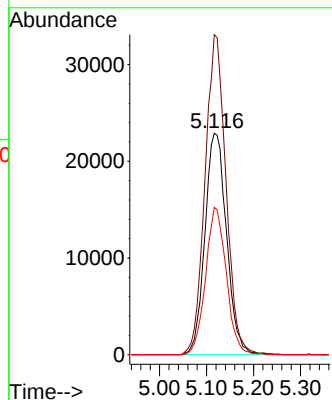
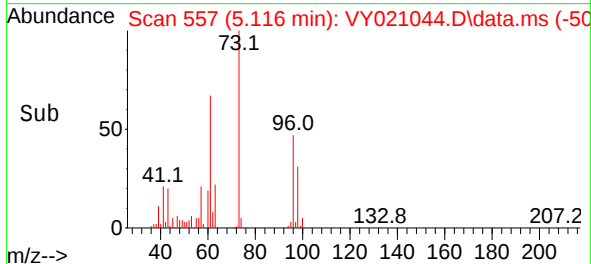


#21
trans-1,2-Dichloroethene
Concen: 46.289 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Instrument :
MSVOA_Y
ClientSampleId :

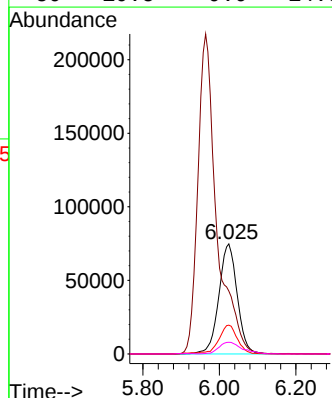
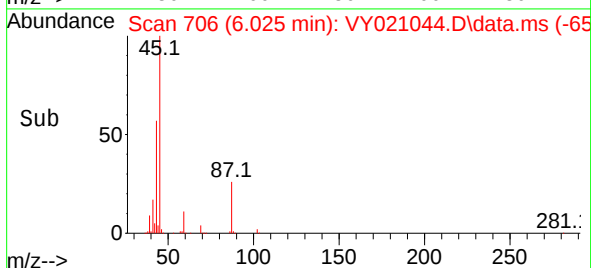
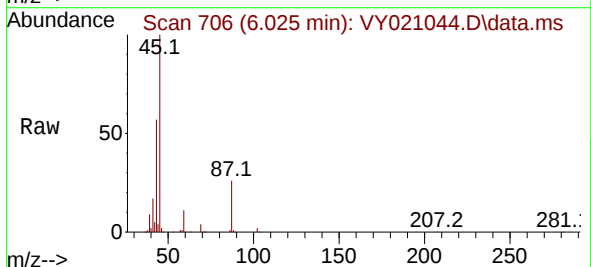


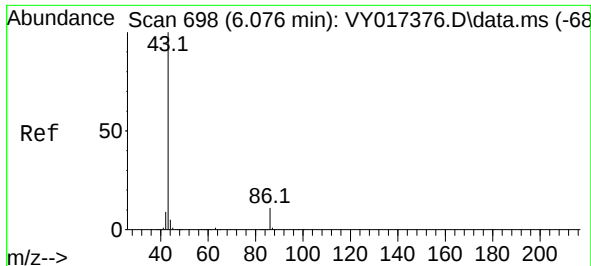
Tgt Ion: 96 Resp: 73171
Ion Ratio Lower Upper
96 100
61 144.5 104.6 156.8
98 66.6 50.9 76.3



#22
Diisopropyl ether
Concen: 49.949 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 45 Resp: 249181
Ion Ratio Lower Upper
45 100
43 56.9 46.8 70.2
87 26.2 22.2 33.2
59 10.5 9.9 14.9





#23

Vinyl Acetate

Concen: 266.624 ug/l

RT: 5.964 min Scan# 64

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

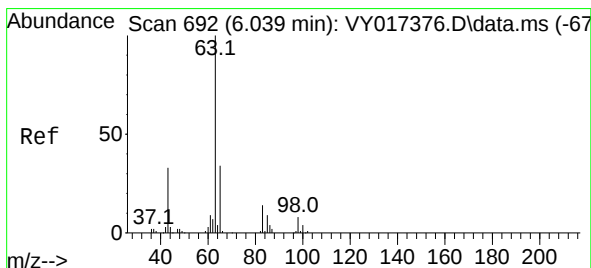
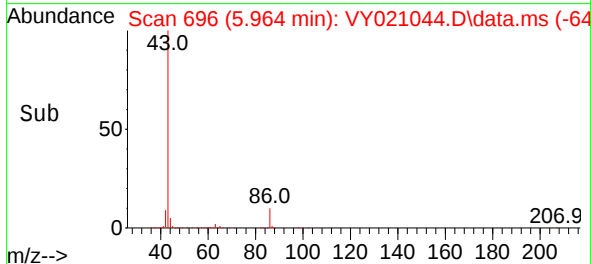
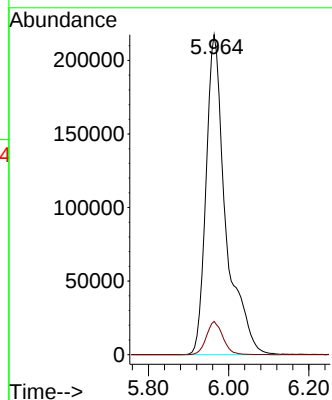
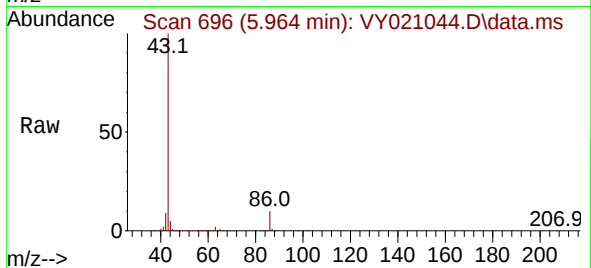
ClientSampleId :

Tgt Ion: 43 Resp: 741482

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 47.339 ug/l

RT: 5.921 min Scan# 689

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

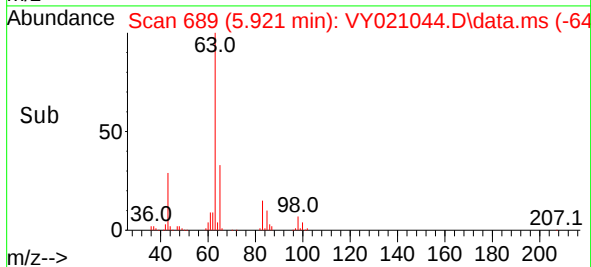
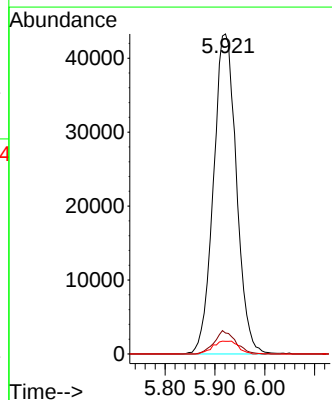
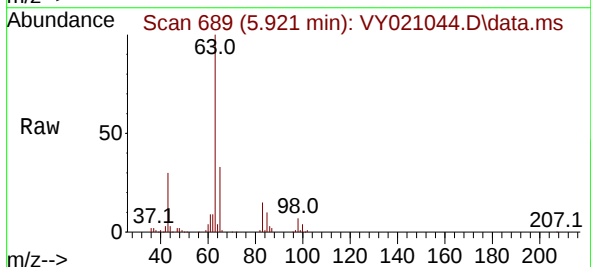
Tgt Ion: 63 Resp: 138364

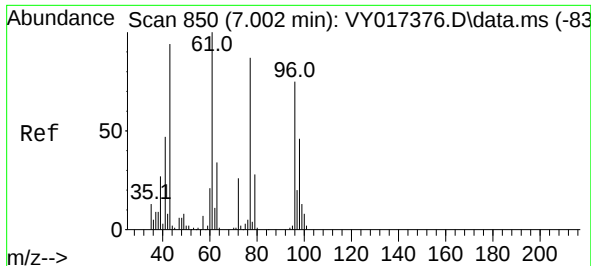
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 286.372 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

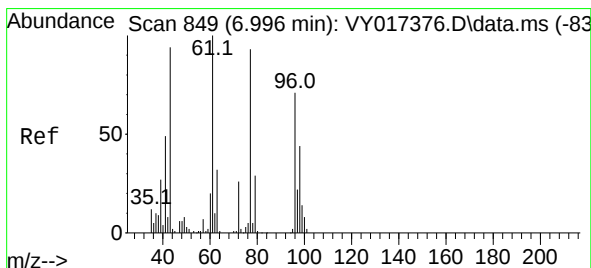
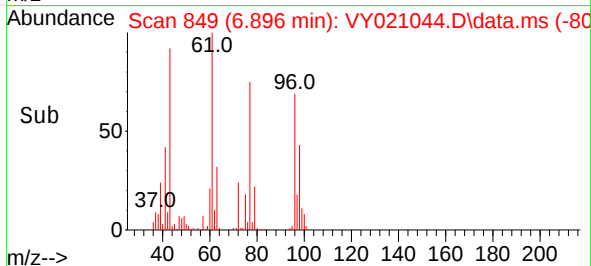
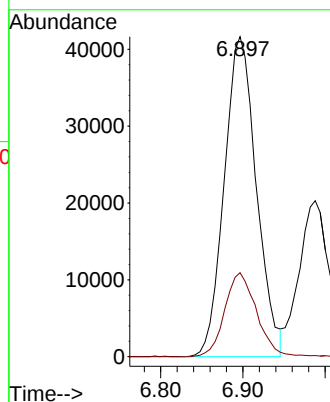
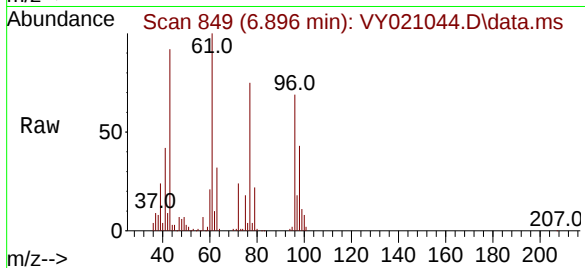
ClientSampleId :

Tgt Ion: 43 Resp: 113247

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 42.979 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021044.D

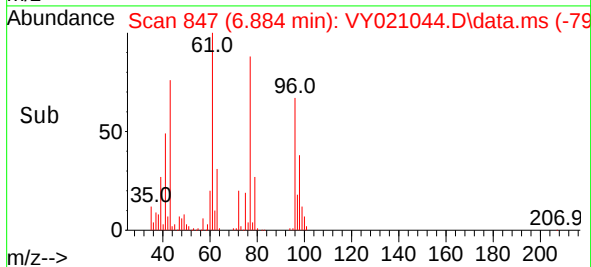
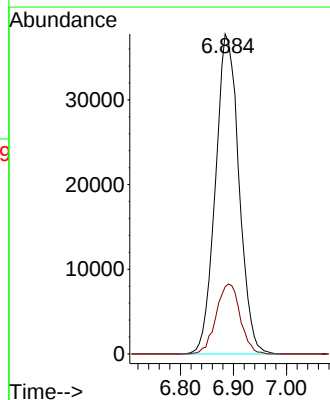
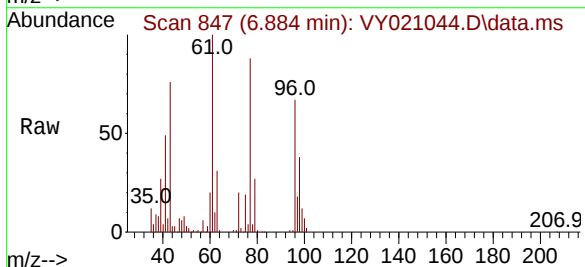
Acq: 03 Feb 2025 20:54

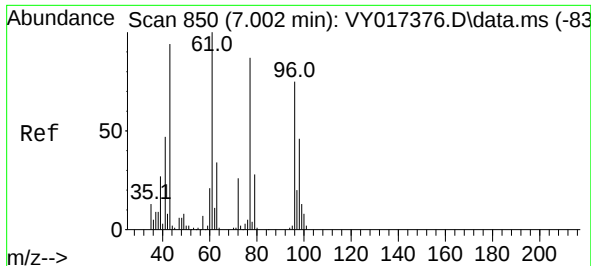
Tgt Ion: 77 Resp: 116234

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.321 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

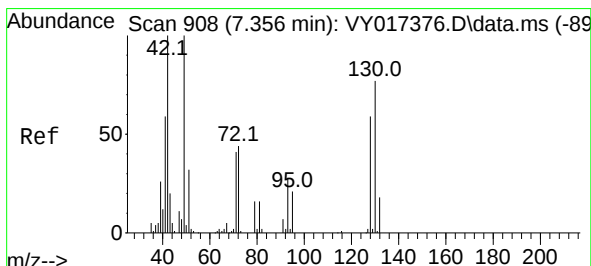
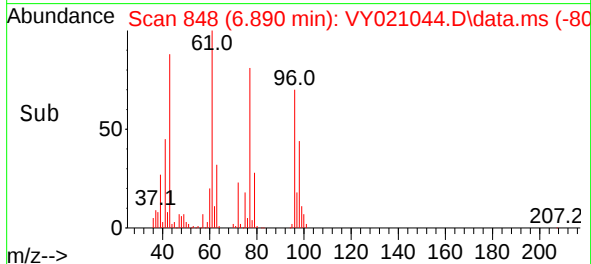
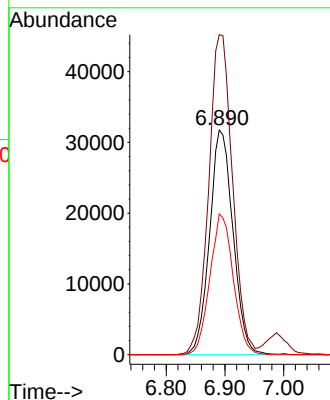
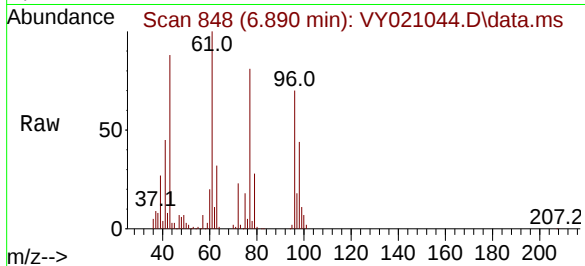
Tgt Ion: 96 Resp: 87919

Ion Ratio Lower Upper

96 100

61 144.6 0.0 278.8

98 62.4 0.0 127.0



#28

Bromochloromethane

Concen: 62.140 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

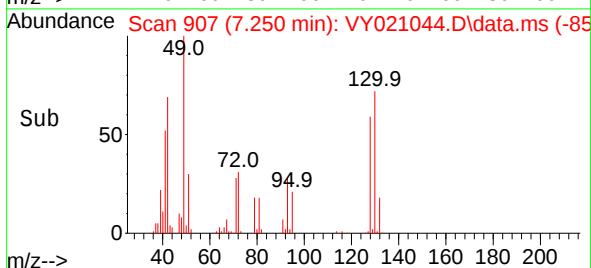
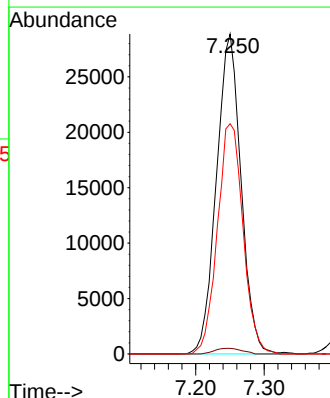
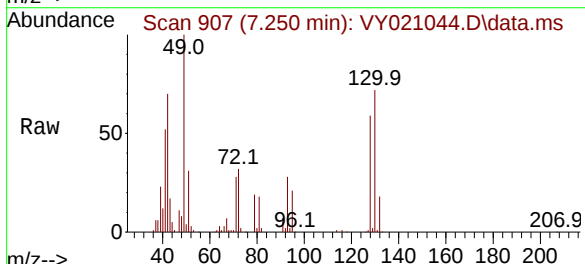
Tgt Ion: 49 Resp: 71819

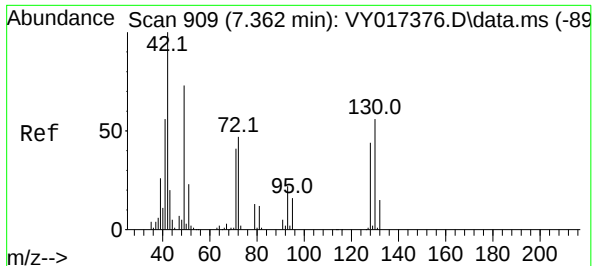
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.9 59.8 89.8

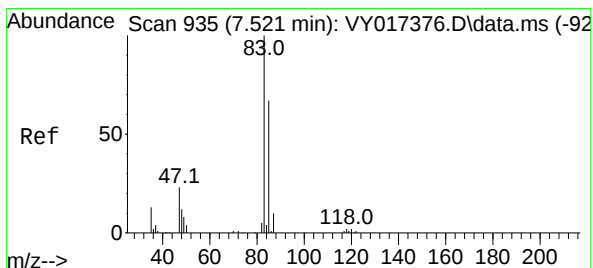
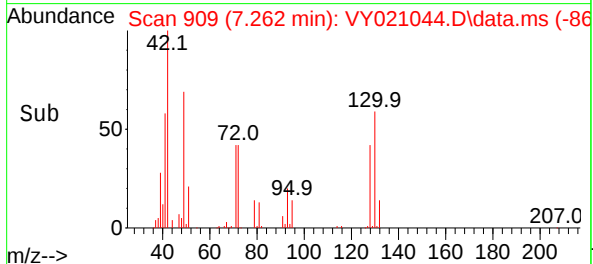
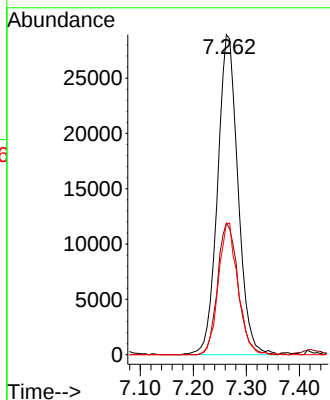
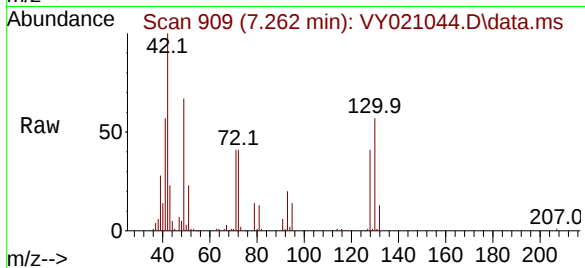




#29
Tetrahydrofuran
Concen: 289.346 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

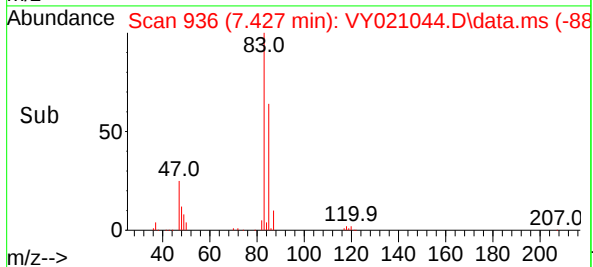
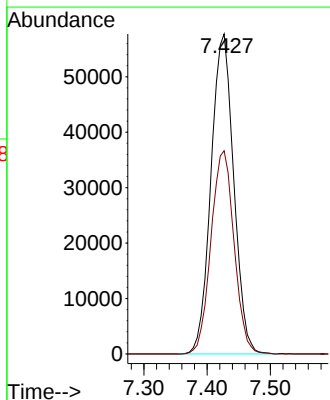
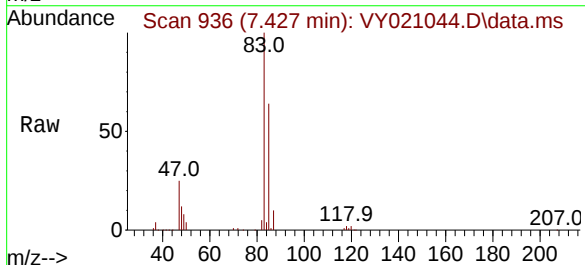
Instrument :
MSVOA_Y
ClientSampleId :

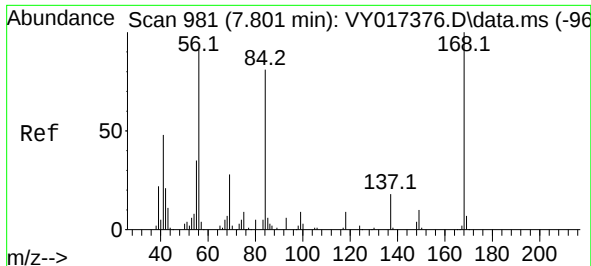
Tgt Ion: 42 Resp: 77426
Ion Ratio Lower Upper
42 100
72 41.2 36.6 54.8
71 39.3 33.8 50.6



#30
Chloroform
Concen: 47.836 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

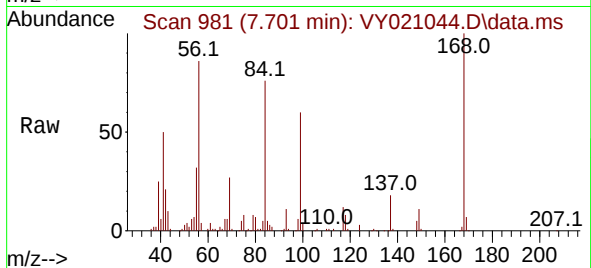
Tgt Ion: 83 Resp: 143612
Ion Ratio Lower Upper
83 100
85 63.5 51.2 76.8



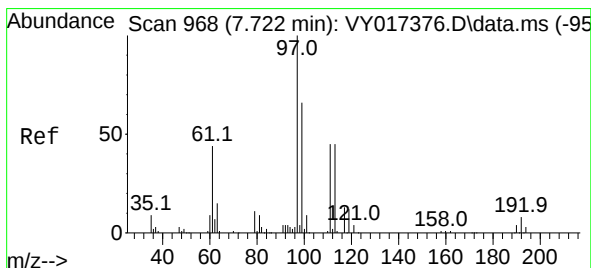
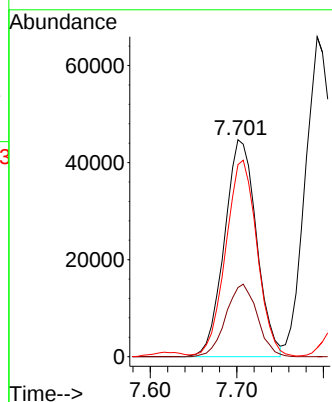
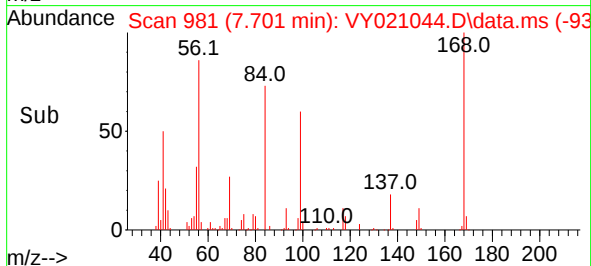


#31
Cyclohexane
Concen: 43.674 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Instrument :
MSVOA_Y
ClientSampleId :

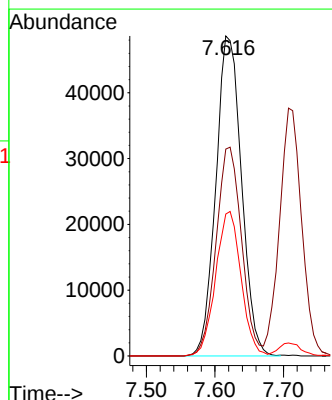
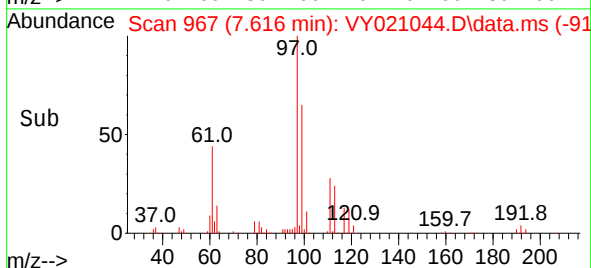
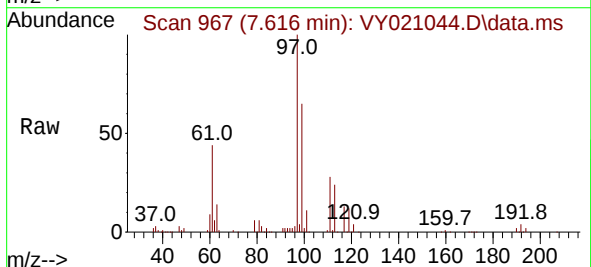


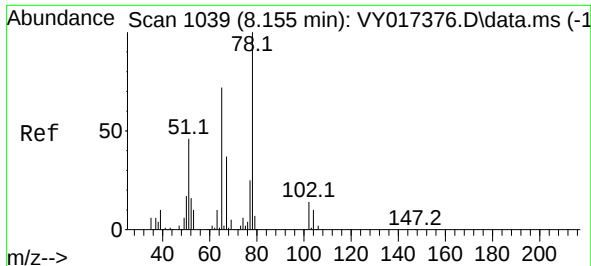
Tgt Ion: 56 Resp: 114952
Ion Ratio Lower Upper
56 100
69 31.9 27.0 40.6
84 87.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 45.277 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 97 Resp: 126378
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.838 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

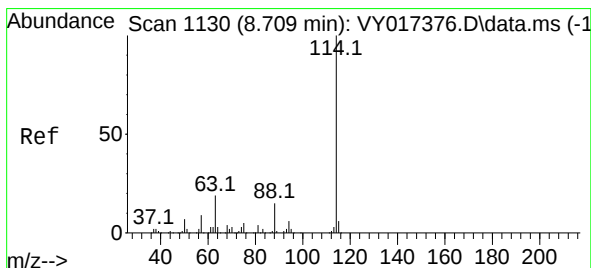
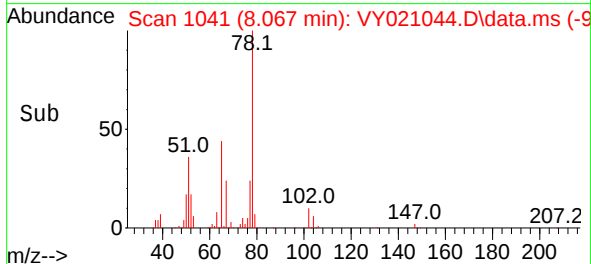
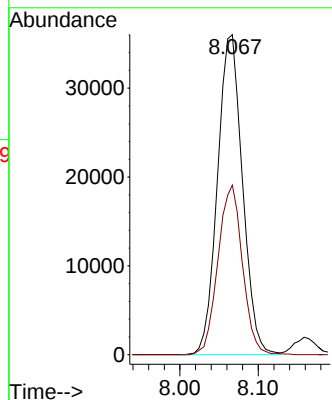
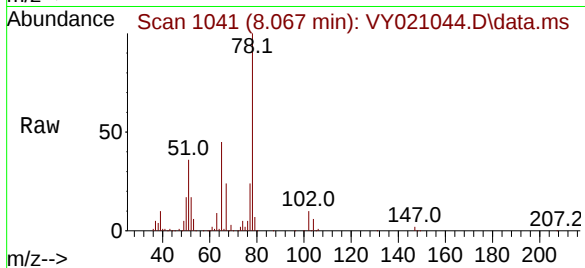
ClientSampleId :

Tgt Ion: 65 Resp: 79994

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

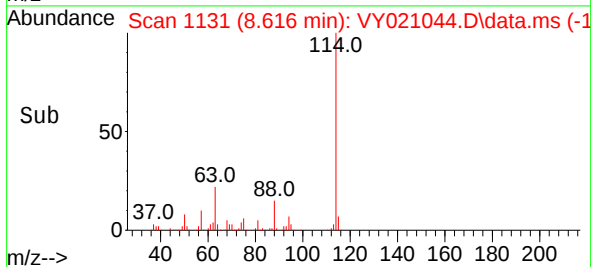
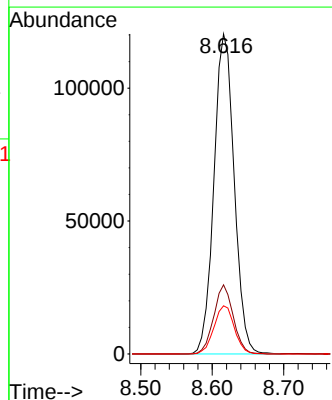
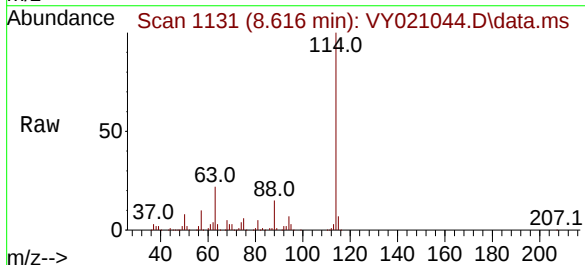
Tgt Ion:114 Resp: 236819

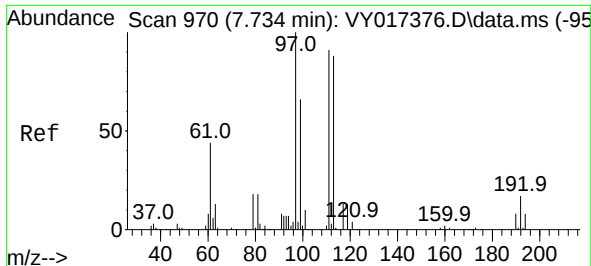
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021044.D

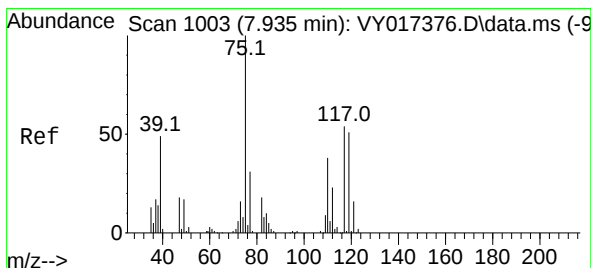
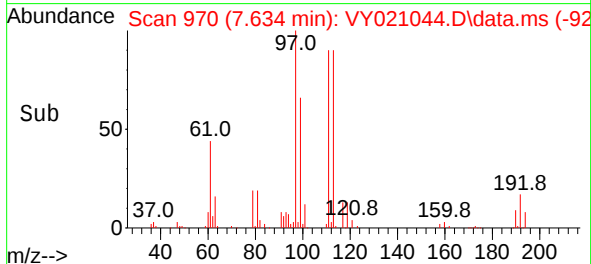
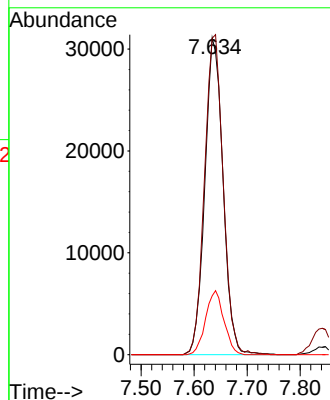
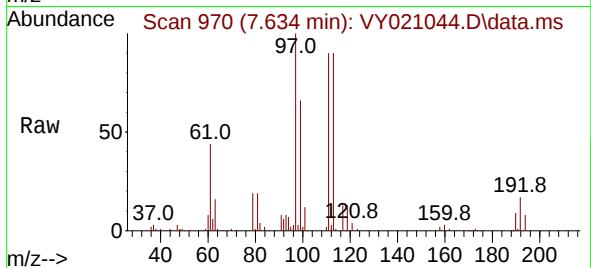
Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	113	Resp:	74152
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	20.3	14.5	21.7



#36

1,1-Dichloropropene

Concen: 45.314 ug/l

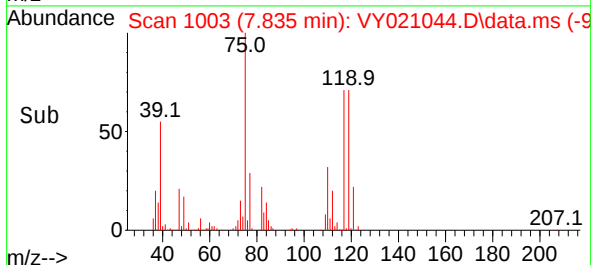
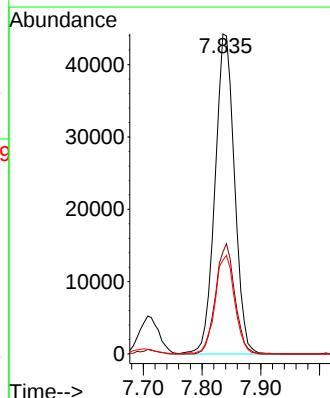
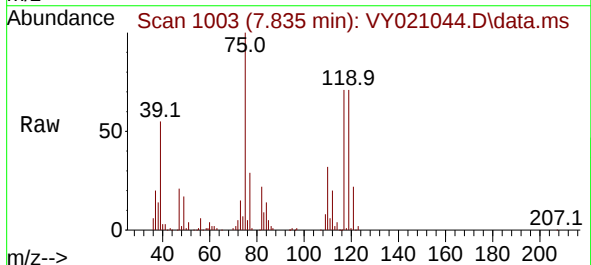
RT: 7.835 min Scan# 1003

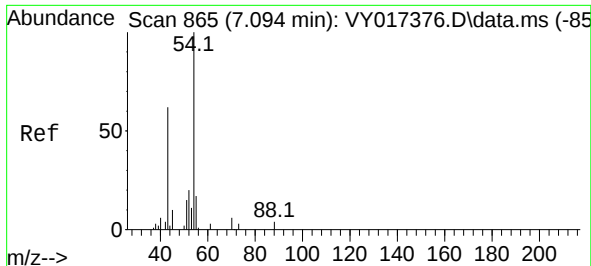
Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Tgt Ion:	75	Resp:	101865
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.4	52.3
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 55.619 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

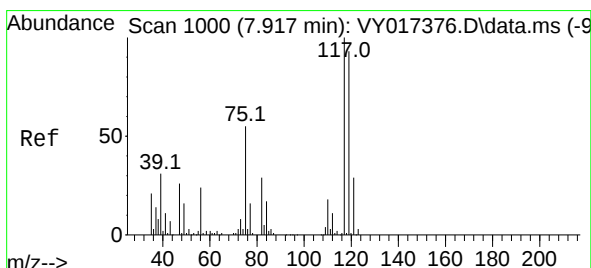
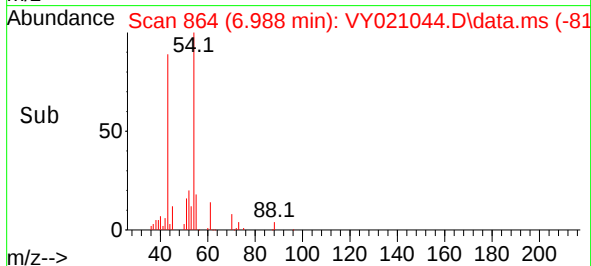
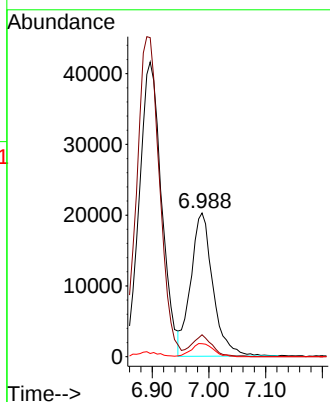
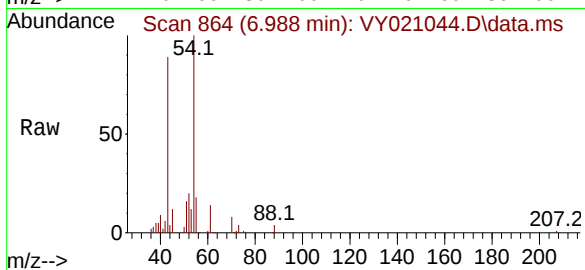
Tgt Ion: 43 Resp: 54849

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.2 8.1 12.1



#38

Carbon Tetrachloride

Concen: 44.824 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

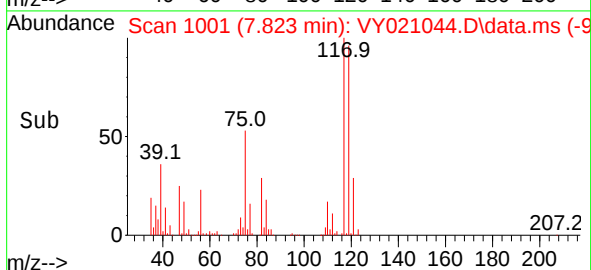
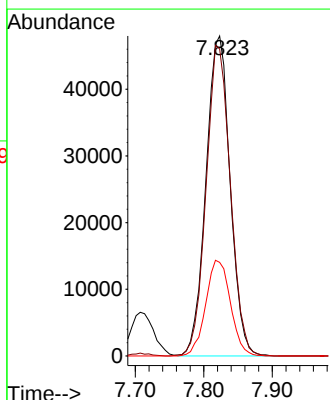
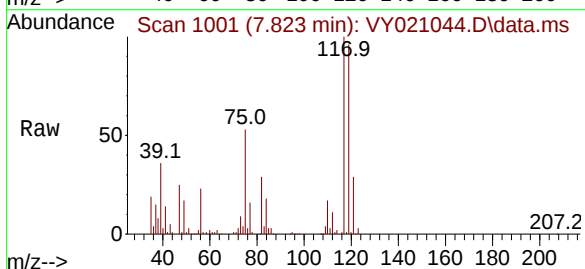
Tgt Ion:117 Resp: 117737

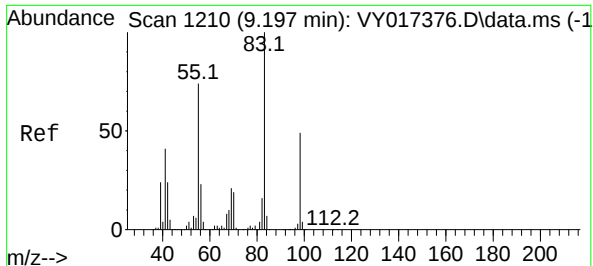
Ion Ratio Lower Upper

117 100

119 96.0 76.0 114.0

121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 44.930 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

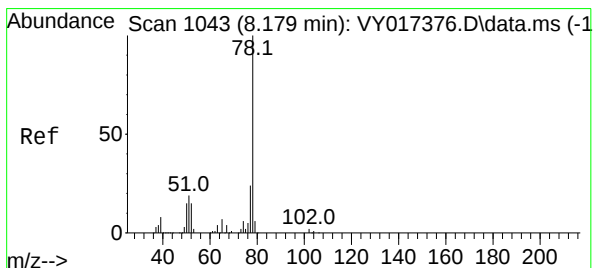
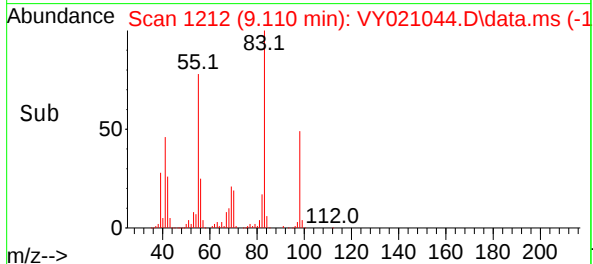
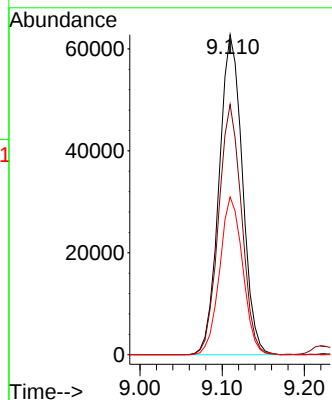
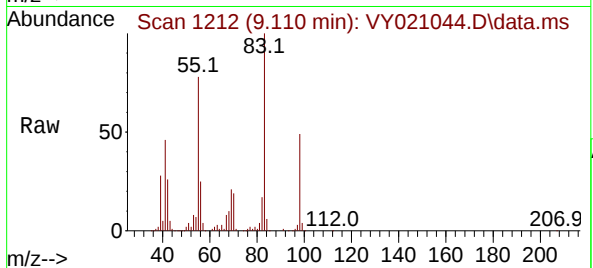
Tgt Ion: 83 Resp: 123544

Ion Ratio Lower Upper

83 100

55 78.2 59.7 89.5

98 49.3 38.0 57.0



#40

Benzene

Concen: 46.682 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021044.D

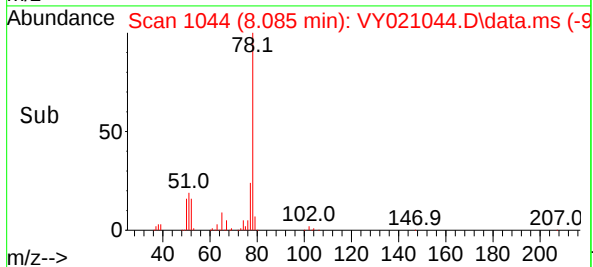
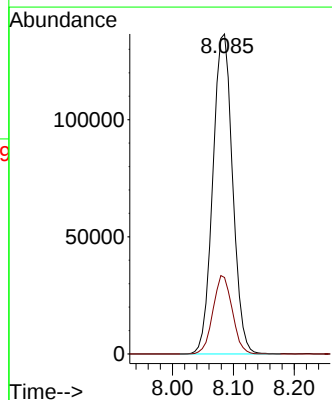
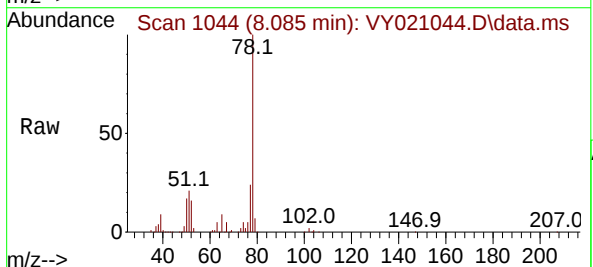
Acq: 03 Feb 2025 20:54

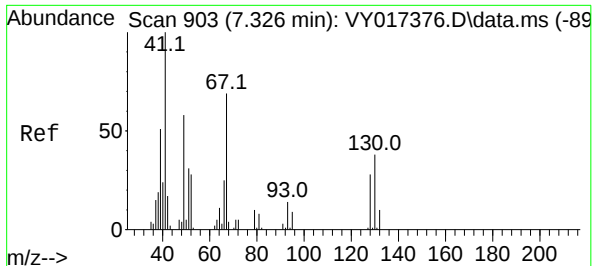
Tgt Ion: 78 Resp: 307960

Ion Ratio Lower Upper

78 100

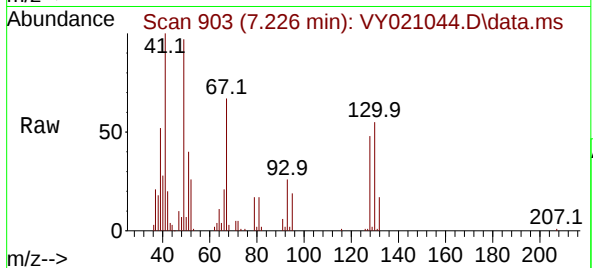
77 23.9 18.8 28.2



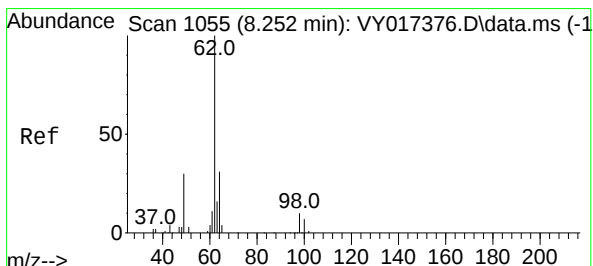
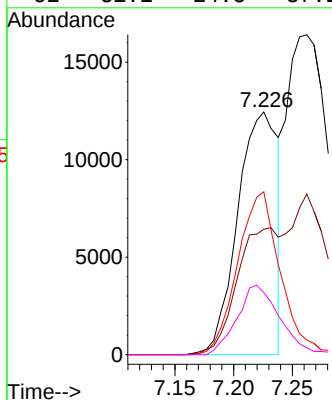
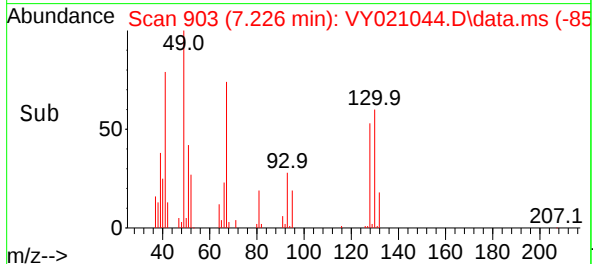


#41
Methacrylonitrile
Concen: 51.792 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Instrument :
MSVOA_Y
ClientSampleId :

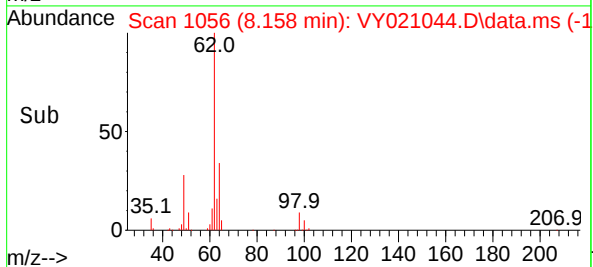
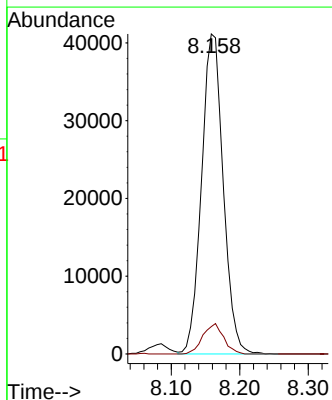
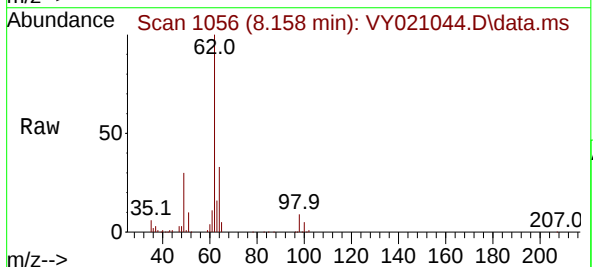


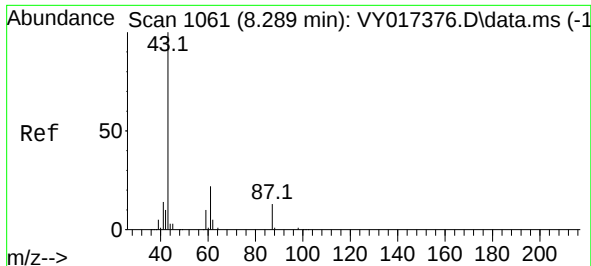
Tgt Ion:	41	Resp:	29549
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.9	62.9
67	71.3	59.8	89.6
52	31.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 49.639 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion:	62	Resp:	90840
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 54.486 ug/l

RT: 8.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

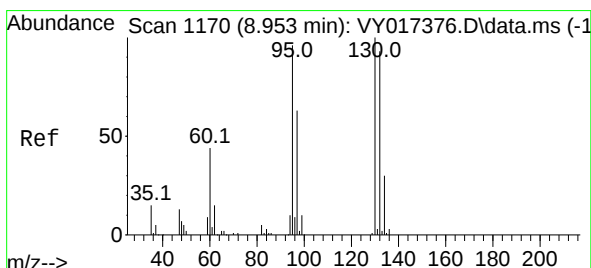
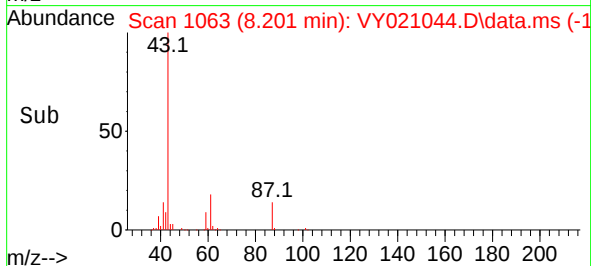
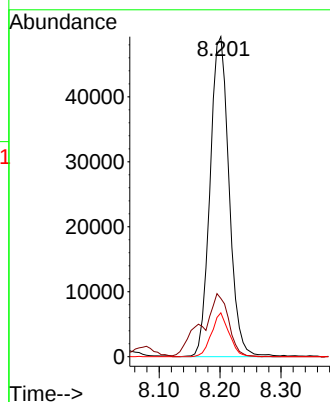
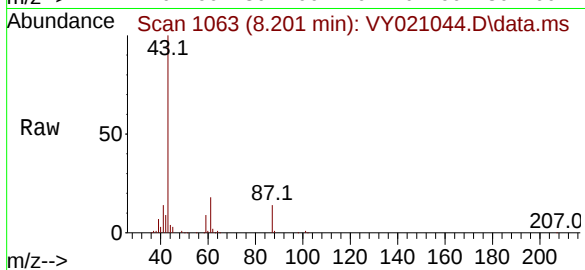
Tgt Ion: 43 Resp: 106766

Ion Ratio Lower Upper

43 100

61 18.4 24.8 37.2#

87 12.6 10.7 16.1



#44

Trichloroethene

Concen: 44.839 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VY021044.D

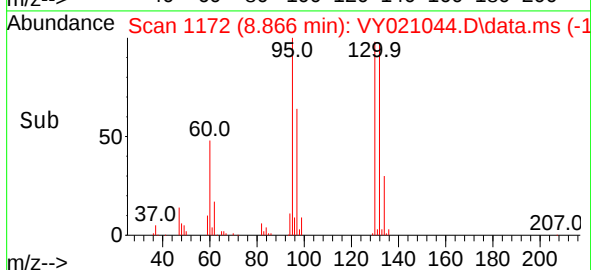
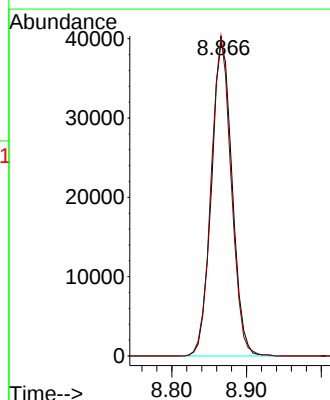
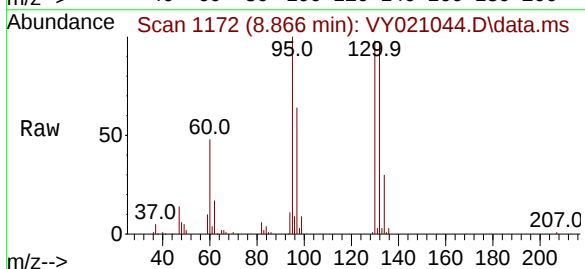
Acq: 03 Feb 2025 20:54

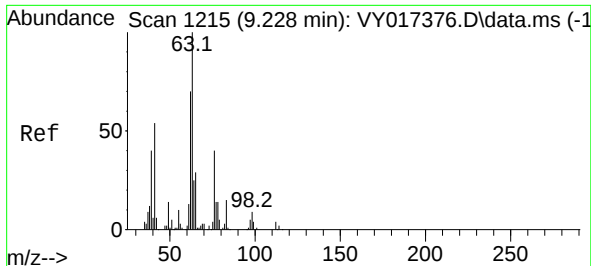
Tgt Ion:130 Resp: 76424

Ion Ratio Lower Upper

130 100

95 102.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 47.219 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

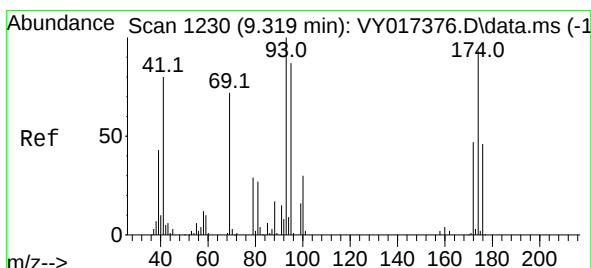
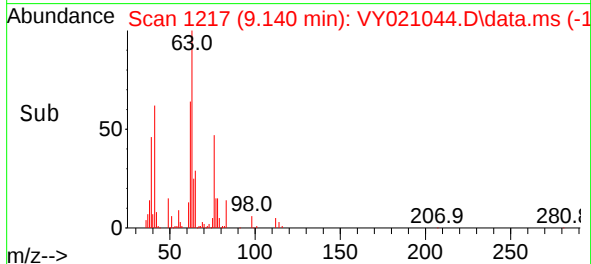
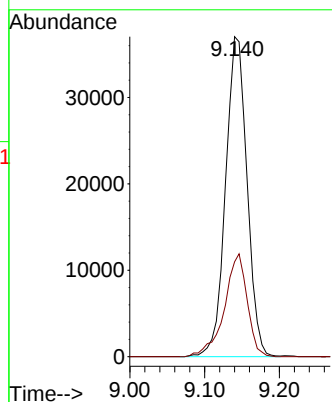
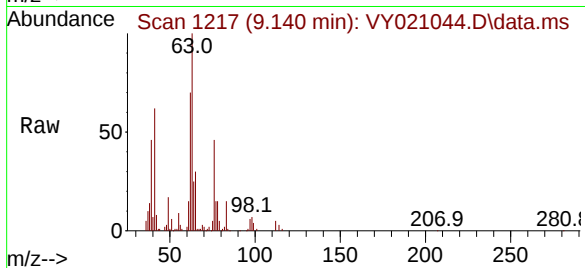
ClientSampleId :

Tgt Ion: 63 Resp: 73935

Ion Ratio Lower Upper

63 100

65 29.7 24.6 36.8



#46

Dibromomethane

Concen: 50.561 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

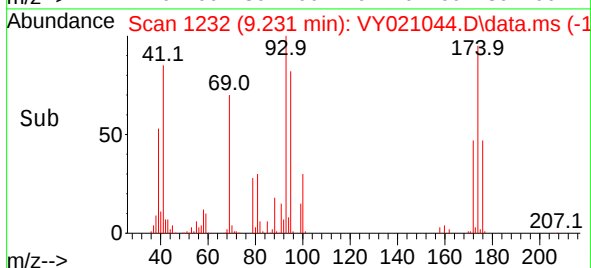
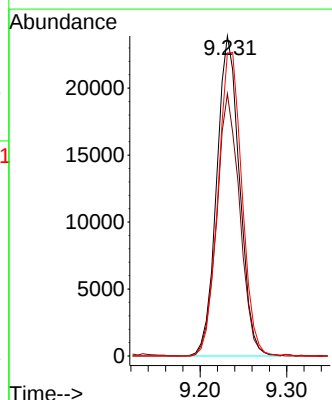
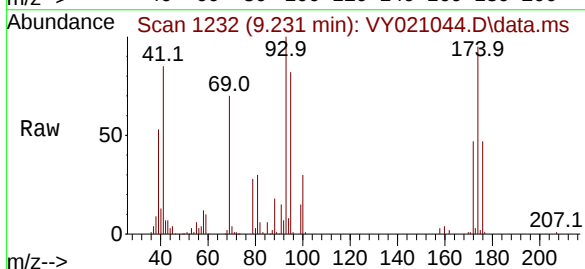
Tgt Ion: 93 Resp: 43834

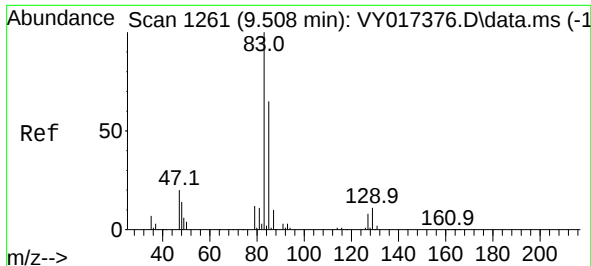
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 99.3 73.8 110.6

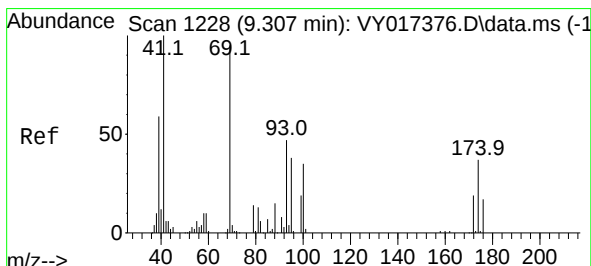
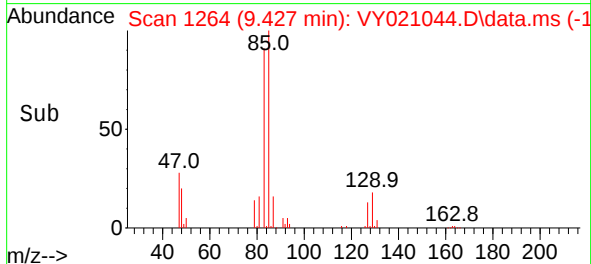
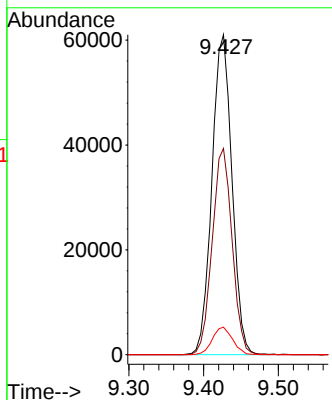
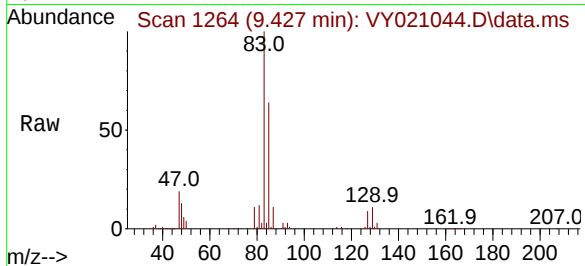




#47
Bromodichloromethane
Concen: 48.812 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

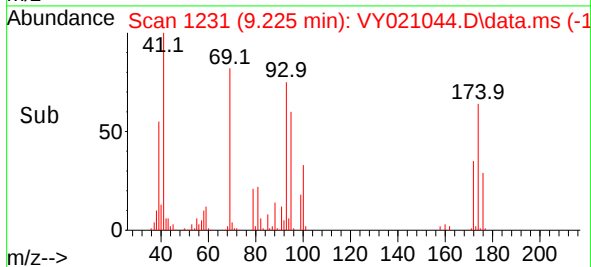
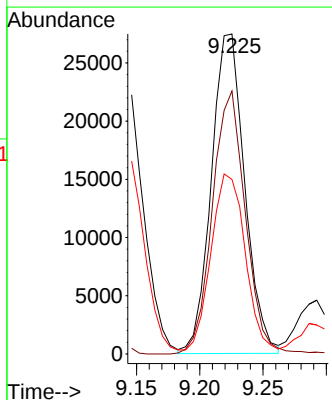
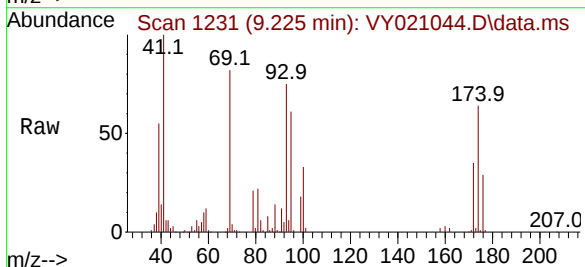
Instrument :
MSVOA_Y
ClientSampleId :

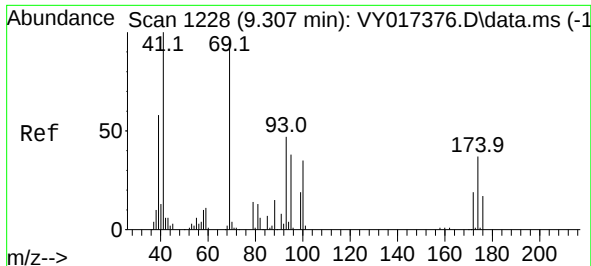
Tgt Ion: 83 Resp: 113492
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 56.475 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 41 Resp: 50408
Ion Ratio Lower Upper
41 100
69 81.7 72.1 108.1
39 56.0 42.8 64.2

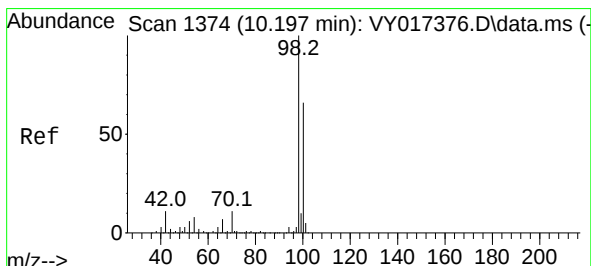
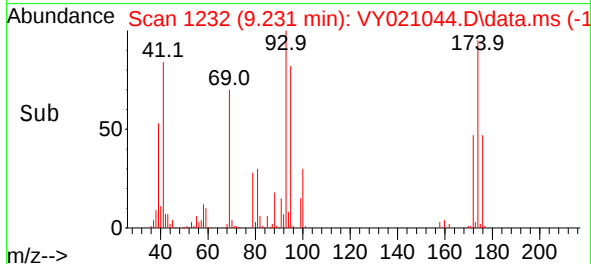
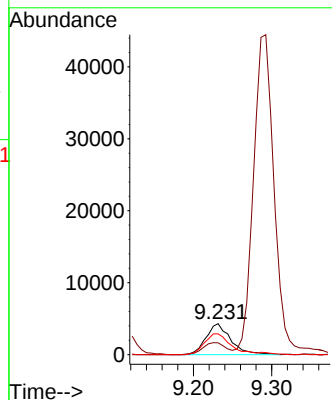
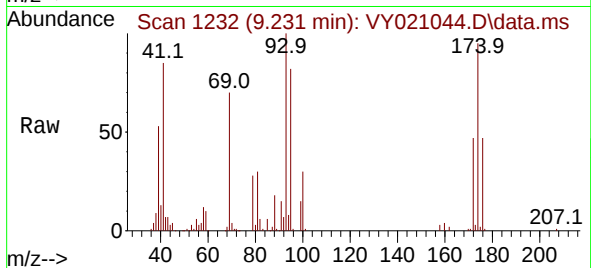




#49
1,4-Dioxane
Concen: 1174.626 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

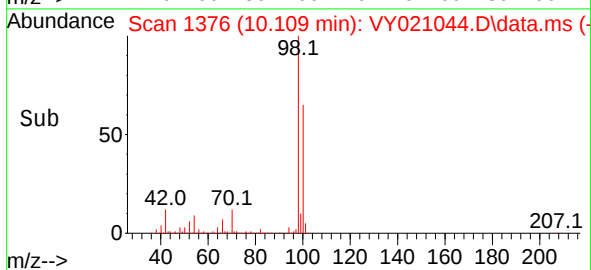
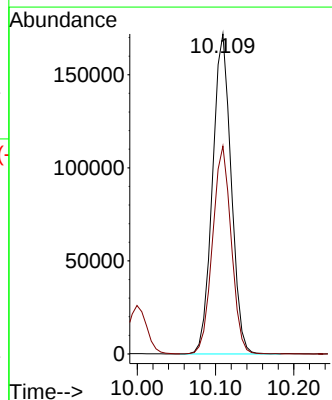
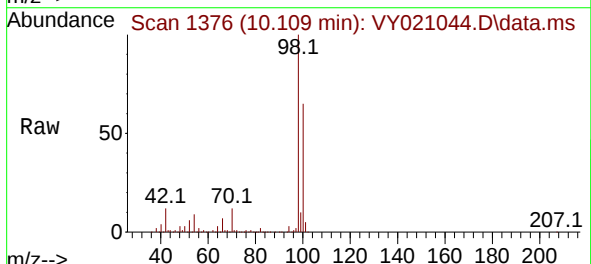
Instrument :
MSVOA_Y
ClientSampleId :

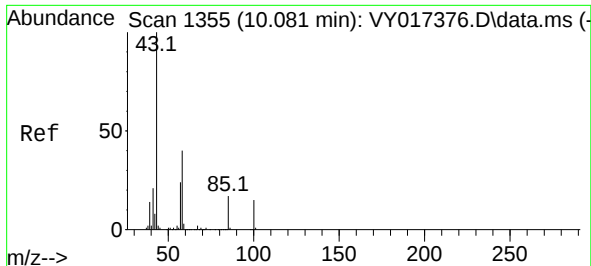
Tgt Ion: 88 Resp: 9480
Ion Ratio Lower Upper
88 100
43 36.4 28.2 42.4
58 70.4 52.2 78.2



#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 98 Resp: 284105
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

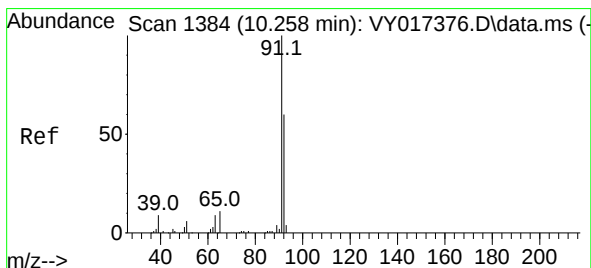
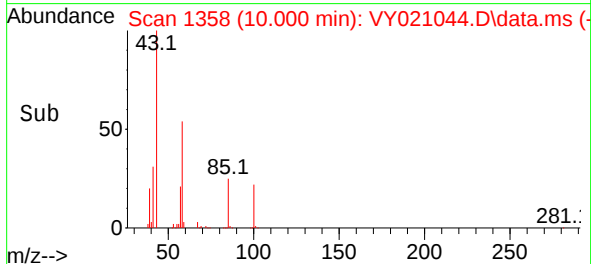
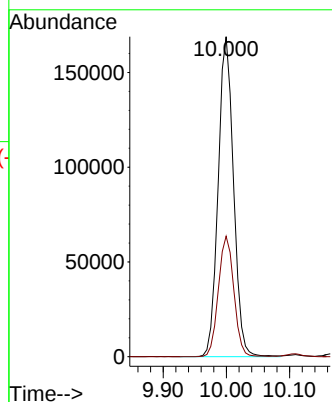
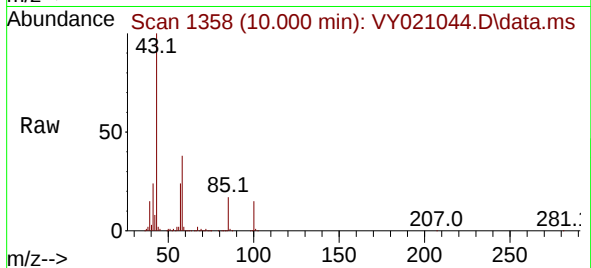




#51
4-Methyl-2-Pentanone
Concen: 287.866 ug/l
RT: 10.000 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

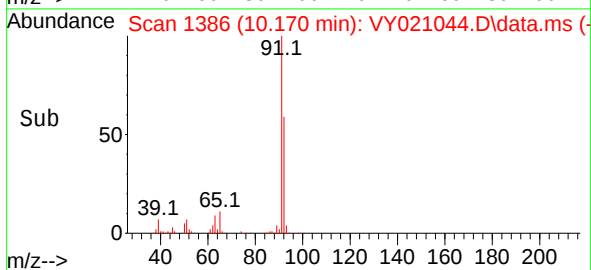
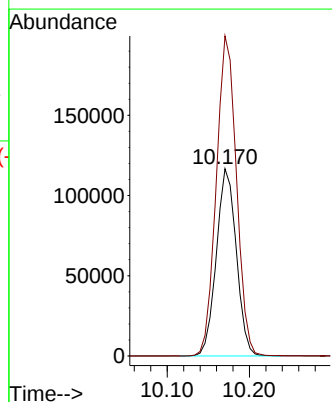
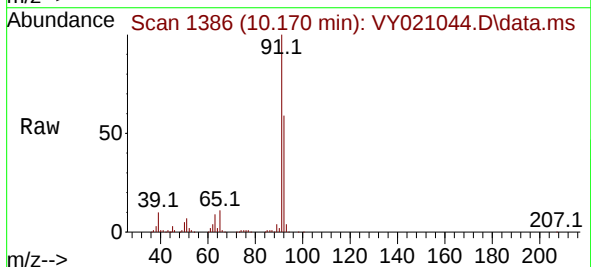
Instrument :
MSVOA_Y
ClientSampleId :

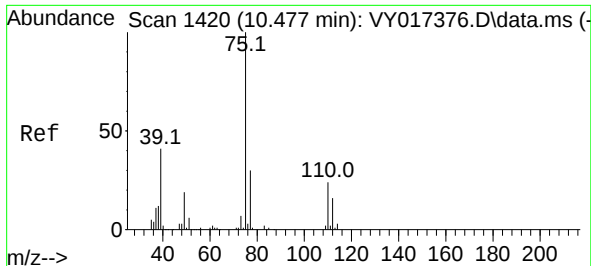
Tgt Ion: 43 Resp: 283659
Ion Ratio Lower Upper
43 100
58 38.0 32.2 48.2



#52
Toluene
Concen: 47.568 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 92 Resp: 197041
Ion Ratio Lower Upper
92 100
91 172.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.819 ug/l

RT: 10.396 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

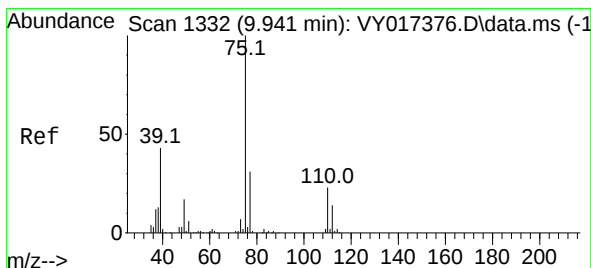
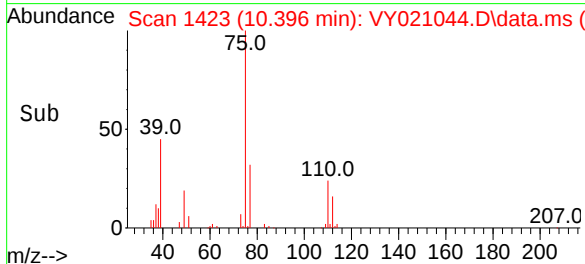
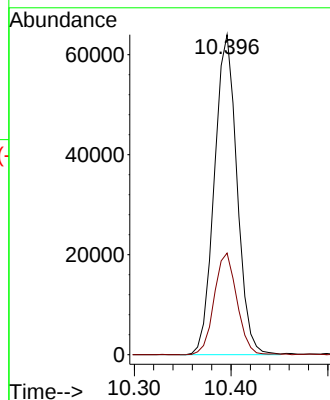
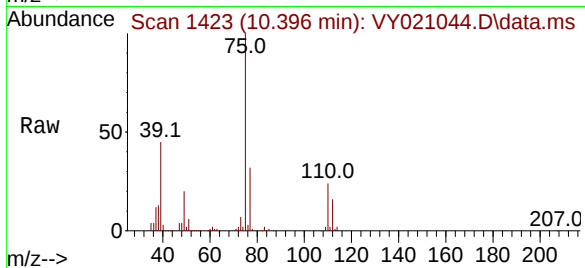
ClientSampleId :

Tgt Ion: 75 Resp: 104010

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.151 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

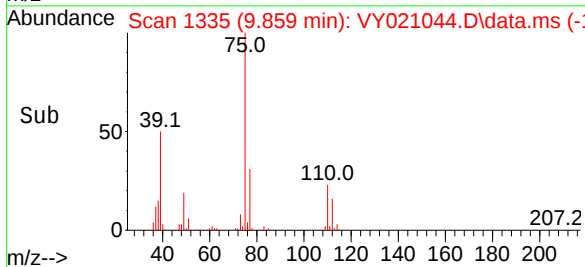
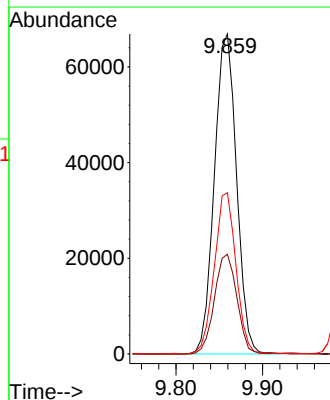
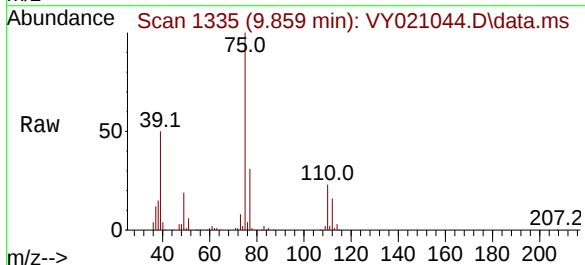
Tgt Ion: 75 Resp: 119027

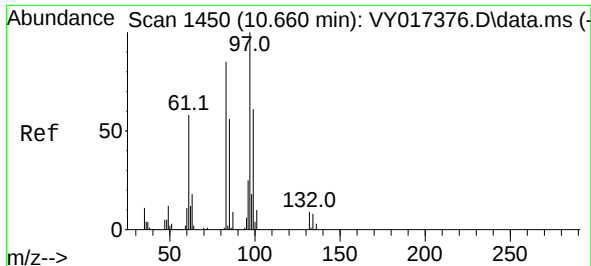
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 50.4 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 51.484 ug/l

RT: 10.573 min Scan# 1450

Delta R.T. -0.006 min

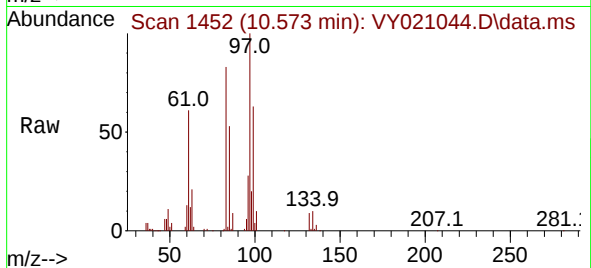
Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 57799

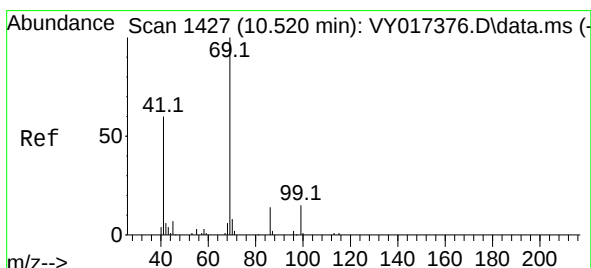
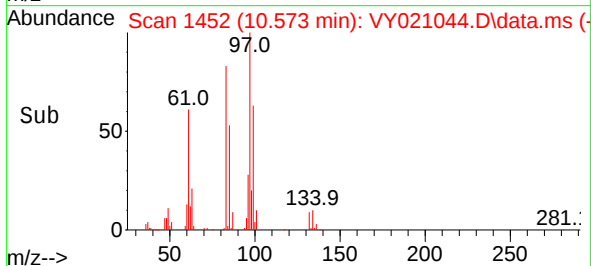
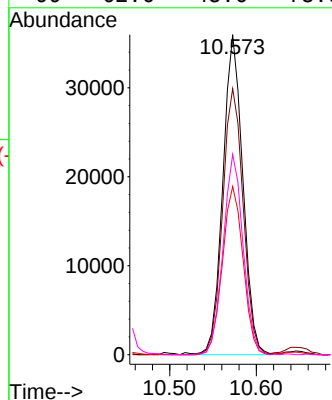
Ion Ratio Lower Upper

97 100

83 83.1 69.4 104.2

85 52.5 43.9 65.9

99 62.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 54.692 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

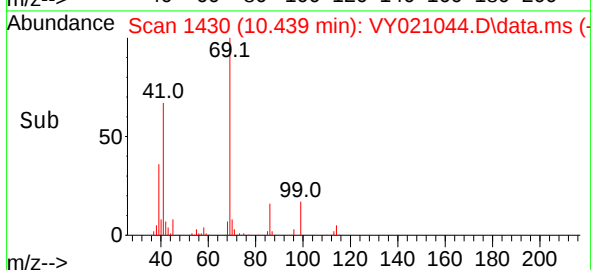
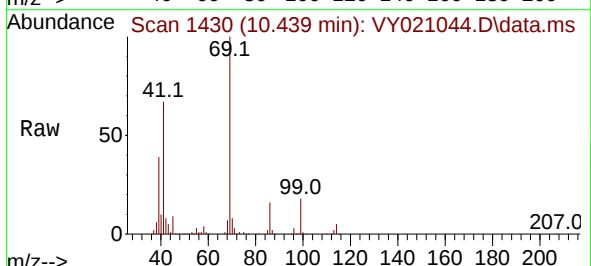
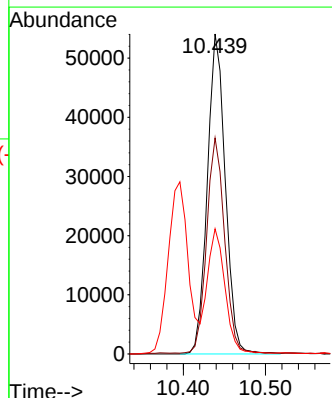
Tgt Ion: 69 Resp: 82139

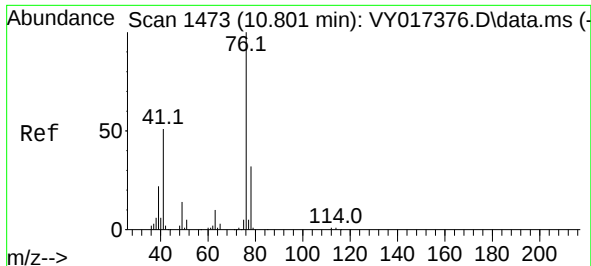
Ion Ratio Lower Upper

69 100

41 67.0 49.2 73.8

39 37.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.589 ug/l

RT: 10.719 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

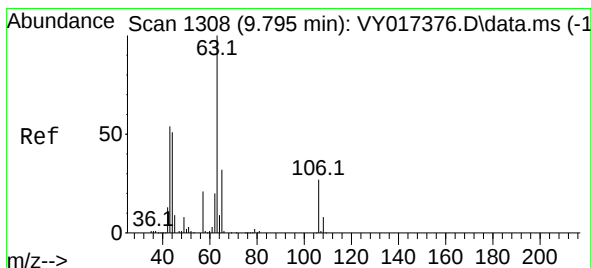
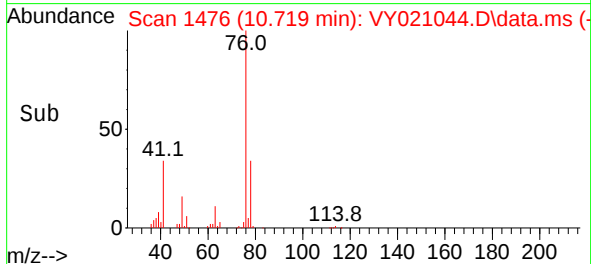
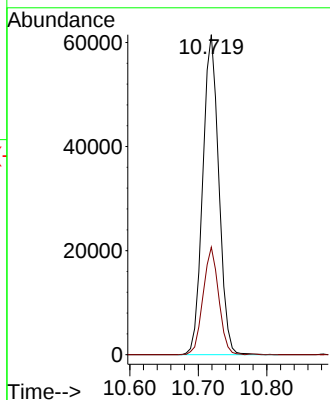
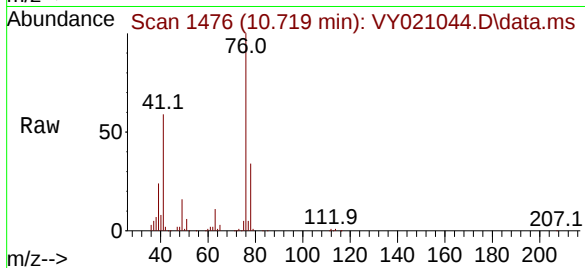
ClientSampleId :

Tgt Ion: 76 Resp: 100246

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 303.021 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021044.D

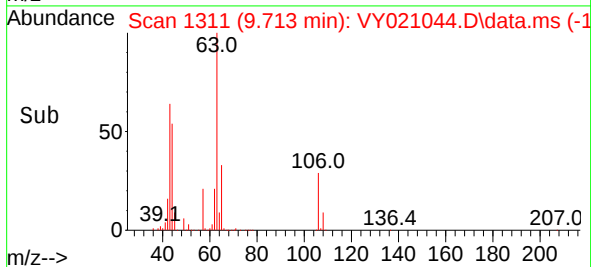
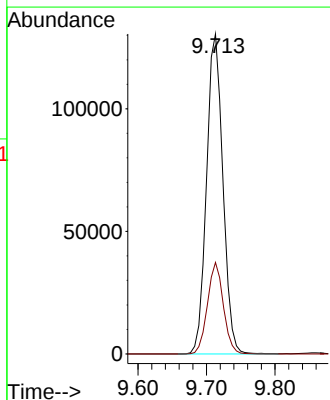
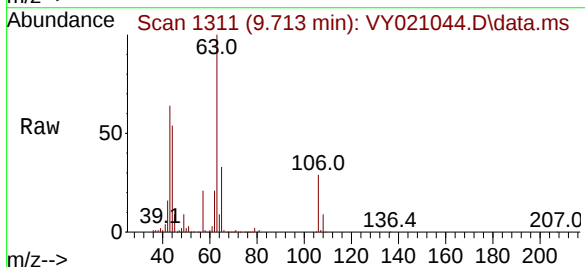
Acq: 03 Feb 2025 20:54

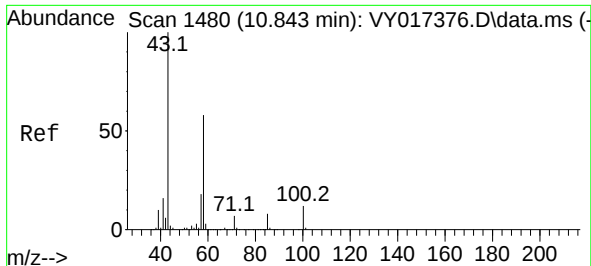
Tgt Ion: 63 Resp: 216508

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6





#59

2-Hexanone

Concen: 300.249 ug/l

RT: 10.762 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

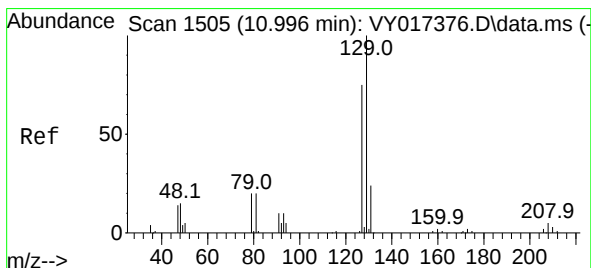
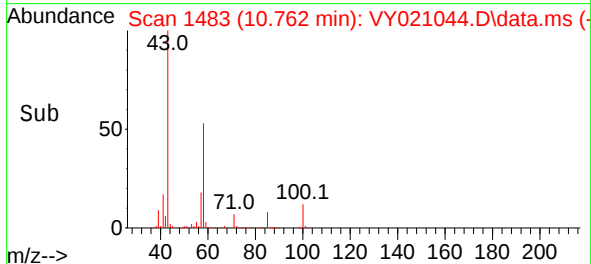
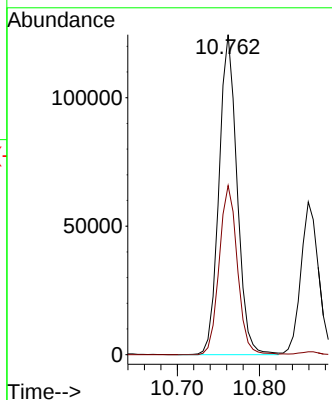
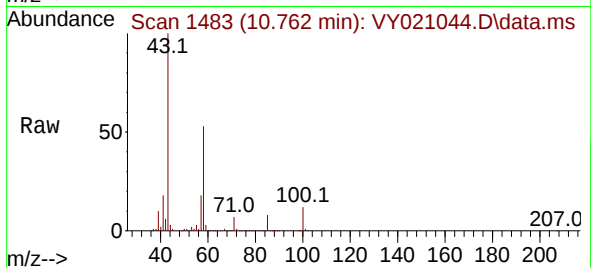
ClientSampleId :

Tgt Ion: 43 Resp: 190493

Ion Ratio Lower Upper

43 100

58 53.3 28.1 84.3



#60

Dibromochloromethane

Concen: 49.584 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021044.D

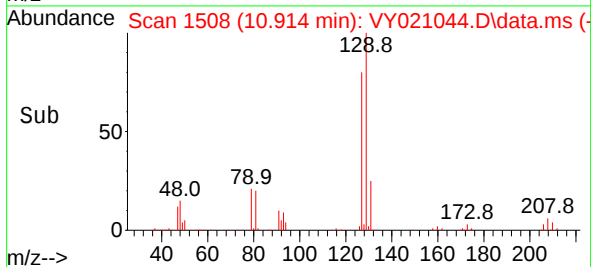
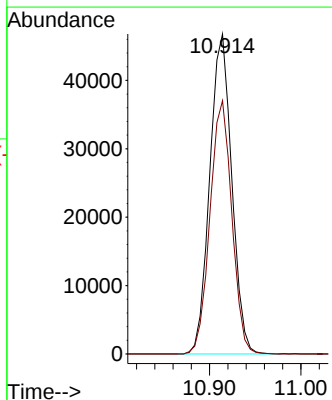
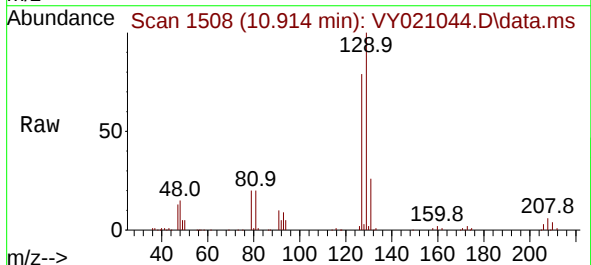
Acq: 03 Feb 2025 20:54

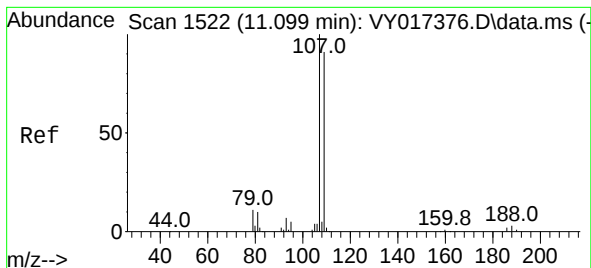
Tgt Ion:129 Resp: 78173

Ion Ratio Lower Upper

129 100

127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.347 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

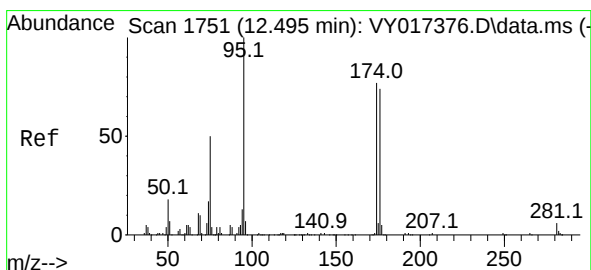
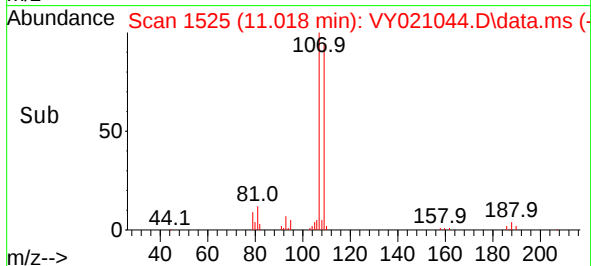
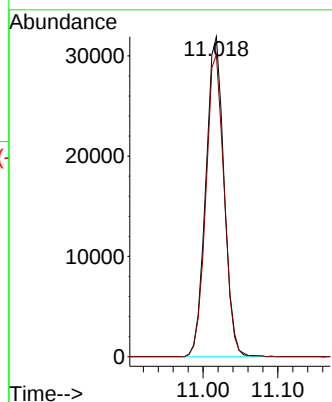
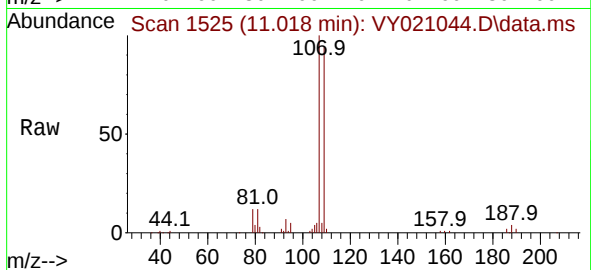
ClientSampleId :

Tgt Ion:107 Resp: 53994

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.930 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

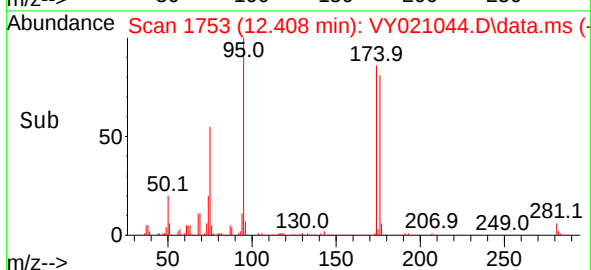
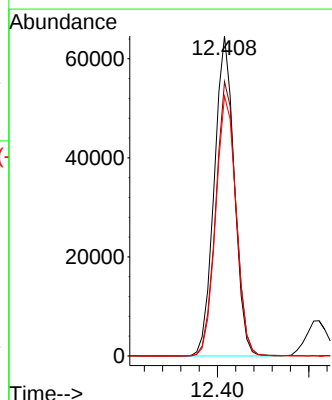
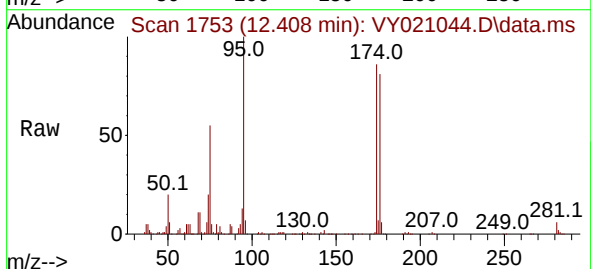
Tgt Ion: 95 Resp: 98025

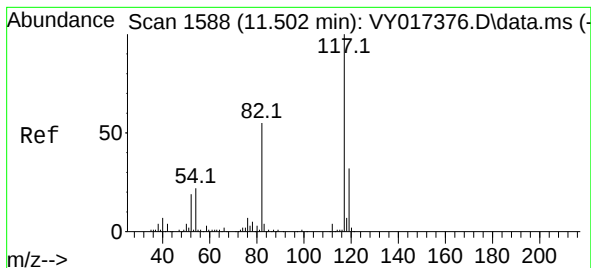
Ion Ratio Lower Upper

95 100

174 86.6 0.0 160.0

176 83.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

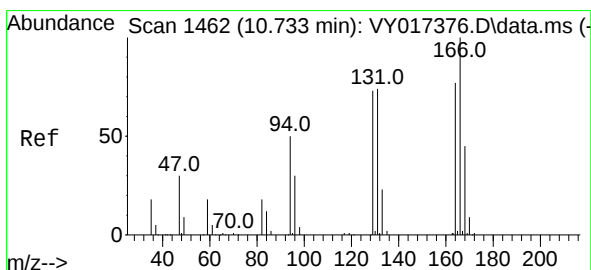
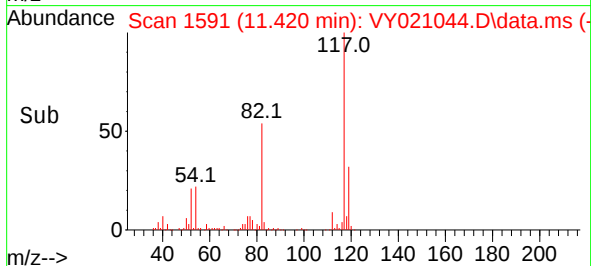
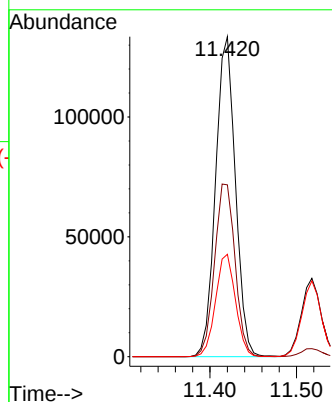
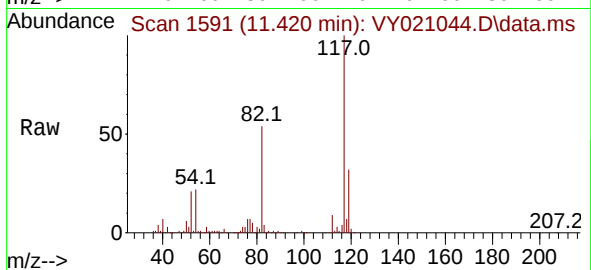
Tgt Ion:117 Resp: 211972

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 44.100 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Tgt Ion:164 Resp: 69395

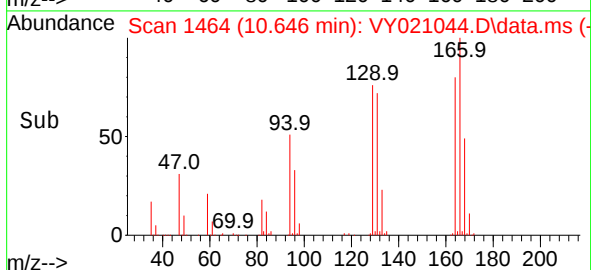
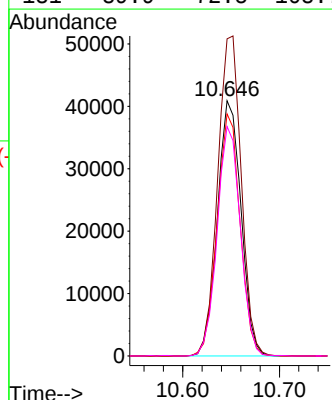
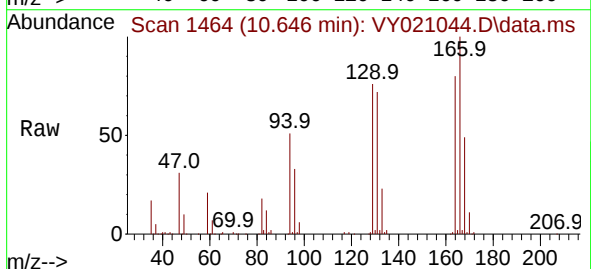
Ion Ratio Lower Upper

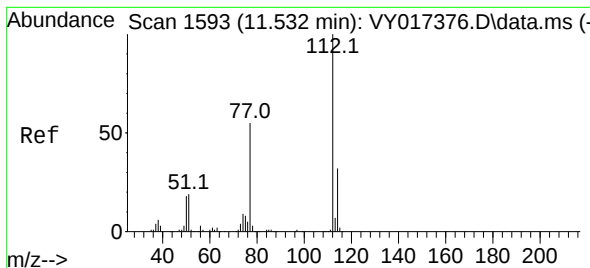
164 100

166 124.3 98.8 148.2

129 94.9 78.9 118.3

131 89.9 72.5 108.7





#65

Chlorobenzene

Concen: 45.646 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

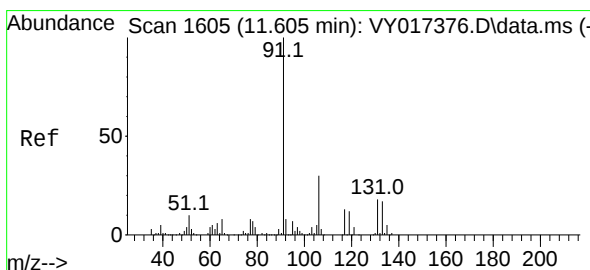
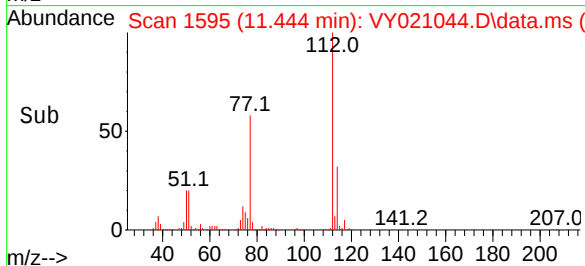
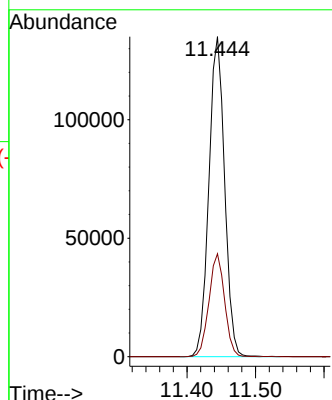
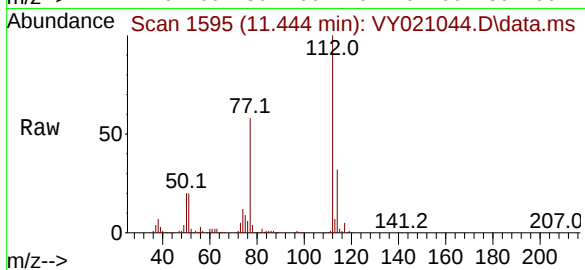
ClientSampleId :

Tgt Ion:112 Resp: 215446

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.281 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

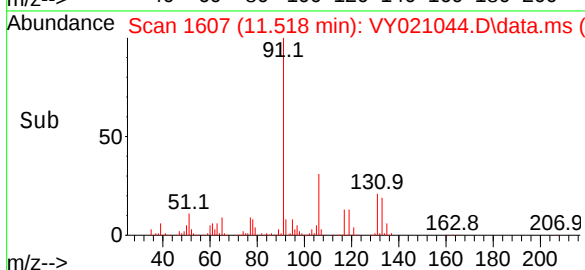
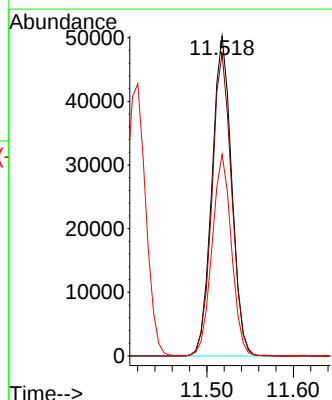
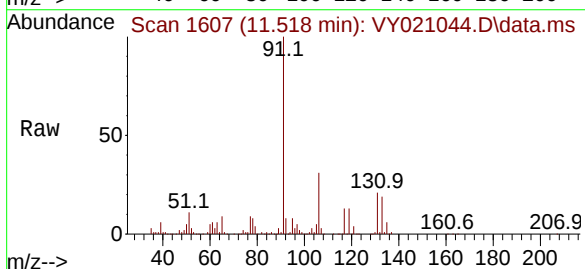
Tgt Ion:131 Resp: 79305

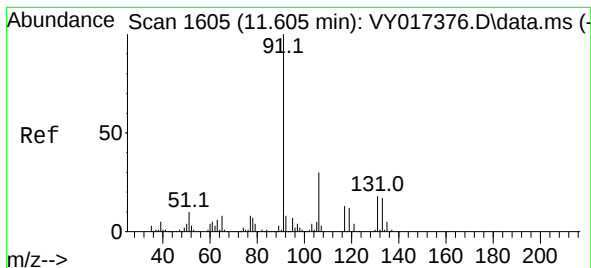
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.0

119 62.1 33.3 99.9





#67

Ethyl Benzene

Concen: 45.509 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

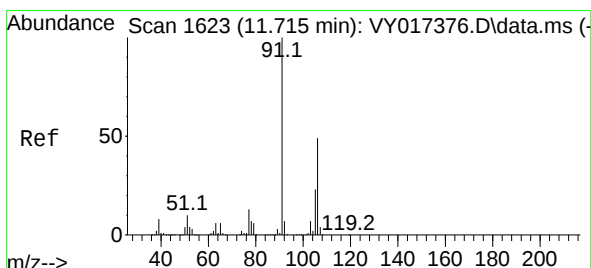
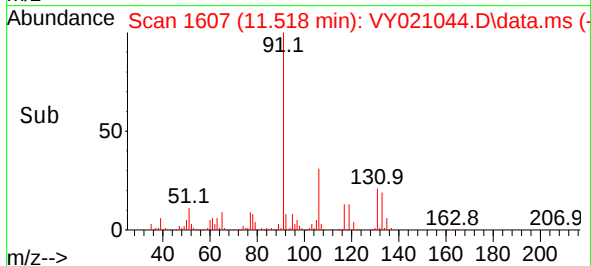
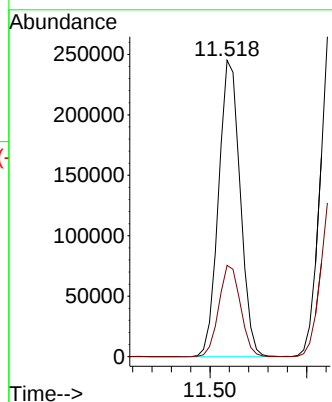
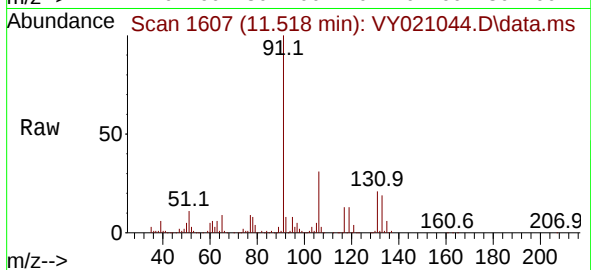
ClientSampleId :

Tgt Ion: 91 Resp: 379921

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 92.233 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021044.D

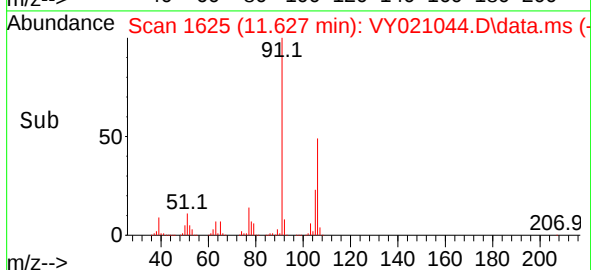
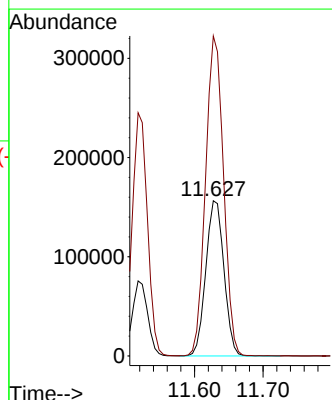
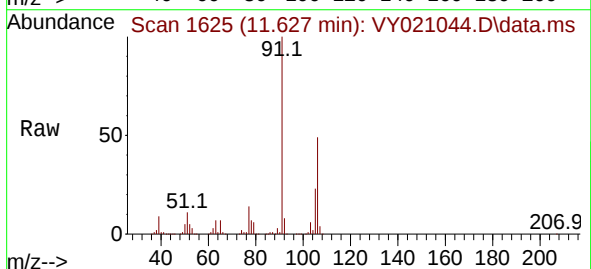
Acq: 03 Feb 2025 20:54

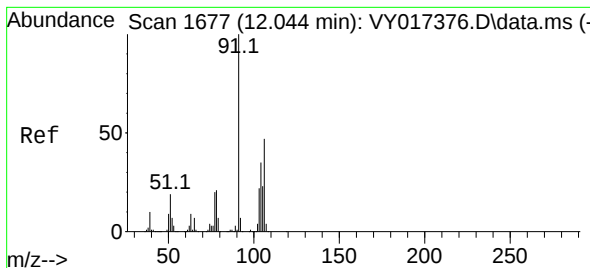
Tgt Ion:106 Resp: 288053

Ion Ratio Lower Upper

106 100

91 204.2 160.7 241.1





#69

o-Xylene

Concen: 47.110 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

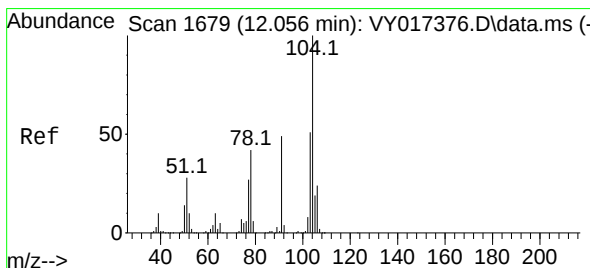
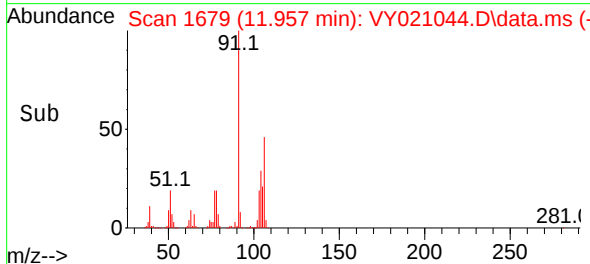
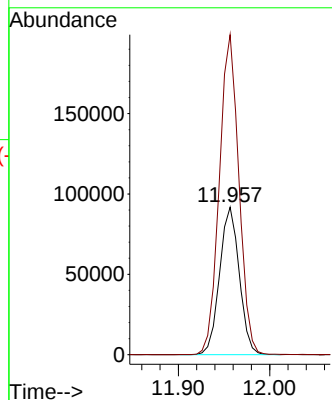
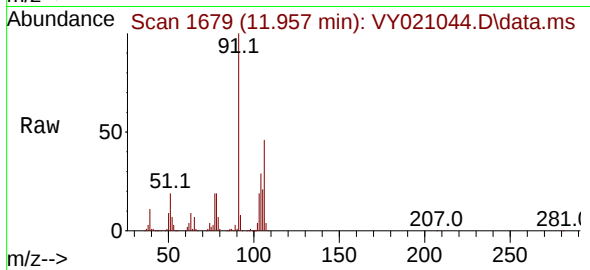
ClientSampleId :

Tgt Ion:106 Resp: 137173

Ion Ratio Lower Upper

106 100

91 216.4 106.5 319.5



#70

Styrene

Concen: 48.521 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

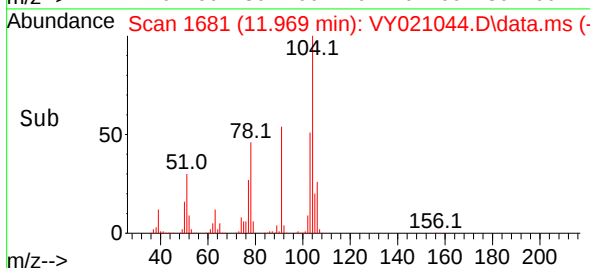
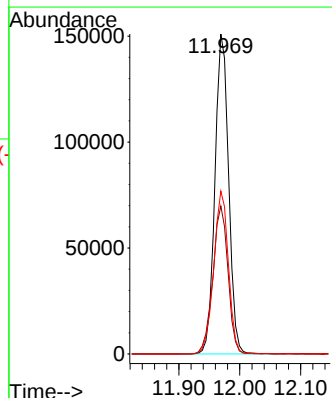
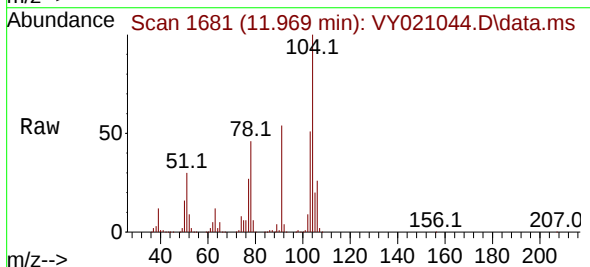
Tgt Ion:104 Resp: 235472

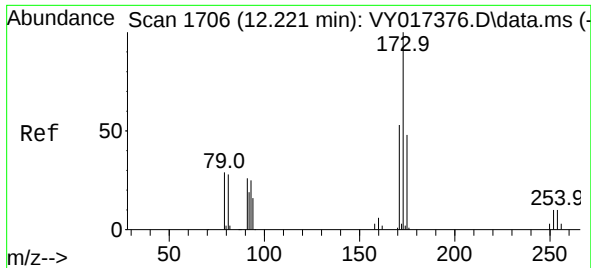
Ion Ratio Lower Upper

104 100

78 51.0 39.2 58.8

103 54.7 43.8 65.6

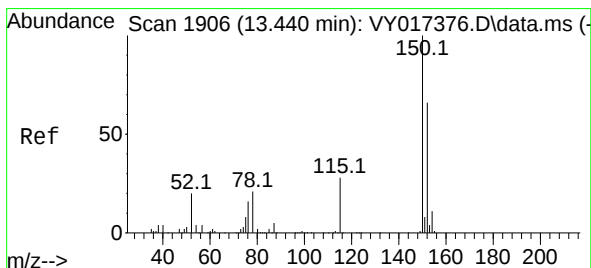
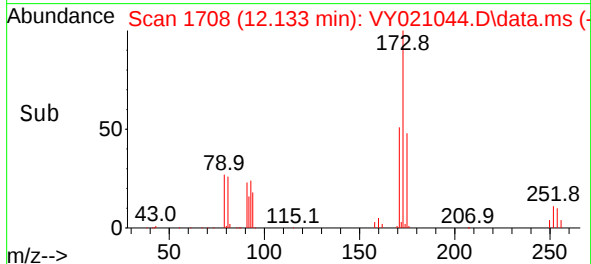
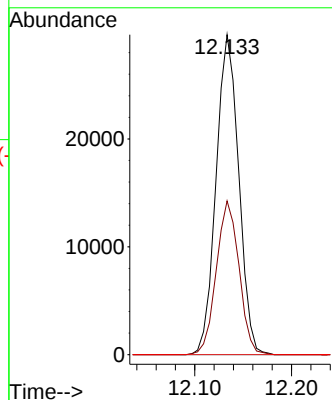
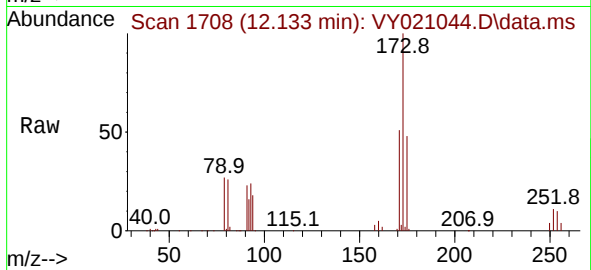




#71
Bromoform
Concen: 51.649 ug/l
RT: 12.133 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

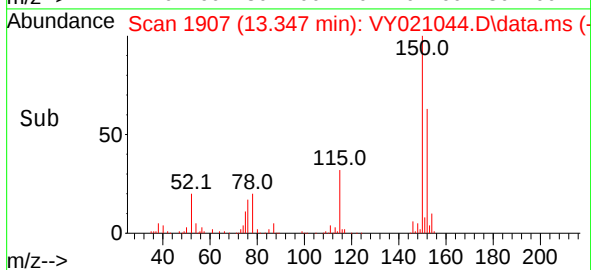
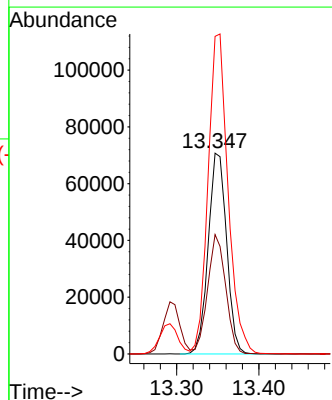
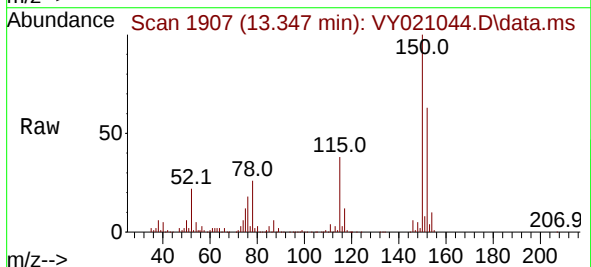
Instrument :
MSVOA_Y
ClientSampleId :

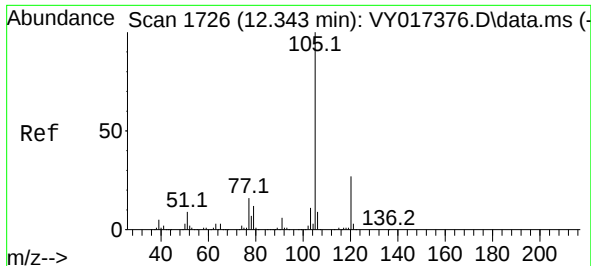
Tgt Ion:173 Resp: 48221
Ion Ratio Lower Upper
173 100
175 48.2 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion:152 Resp: 109955
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 173.1 0.0 344.6

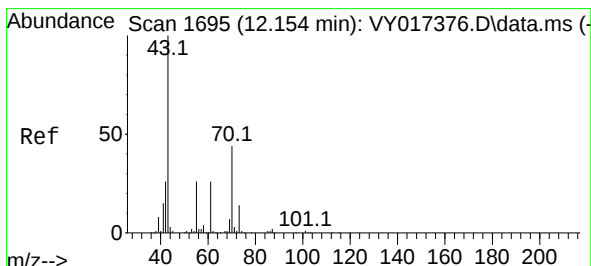
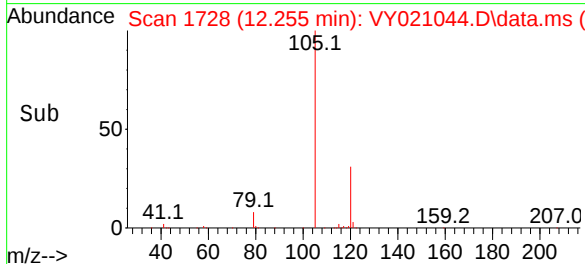
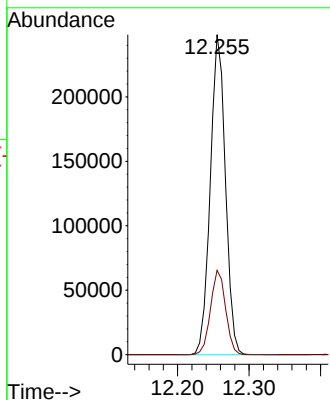
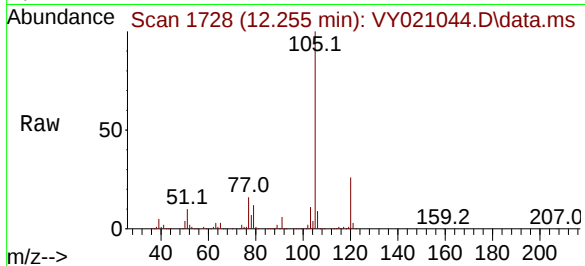




#73
Isopropylbenzene
Concen: 42.334 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

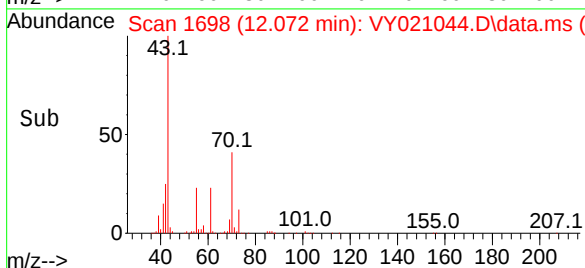
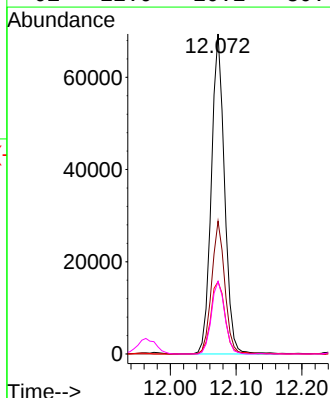
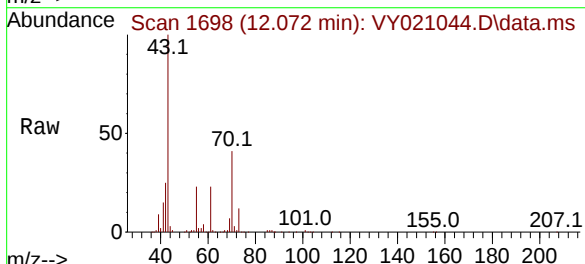
Instrument :
MSVOA_Y
ClientSampleId :

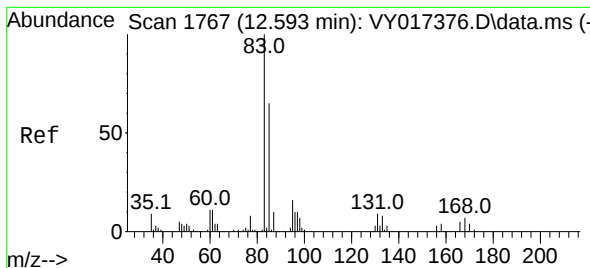
Tgt Ion:105 Resp: 363608
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 51.791 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 43 Resp: 97254
Ion Ratio Lower Upper
43 100
70 41.1 36.6 55.0
55 24.8 22.2 33.4
61 22.9 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.509 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

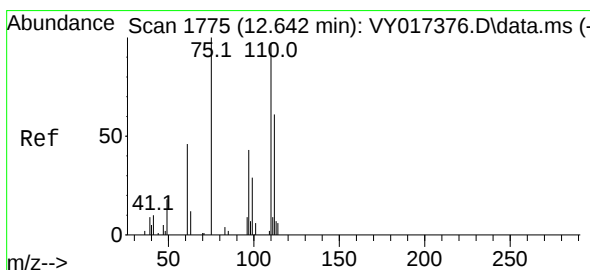
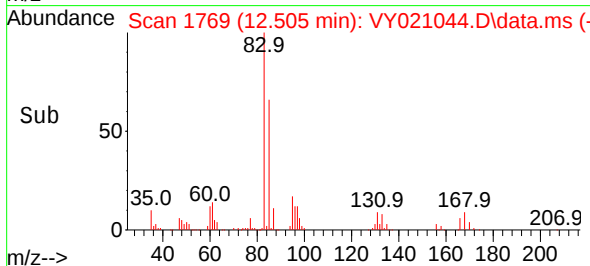
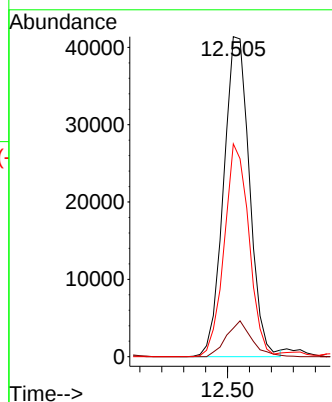
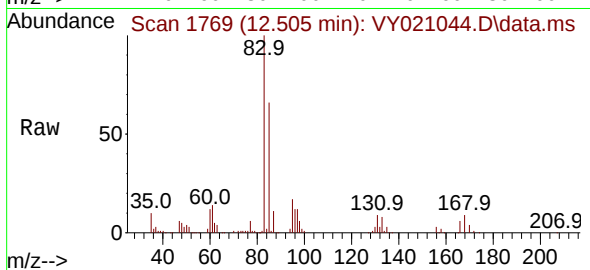
Tgt Ion: 83 Resp: 67865

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.6

85 63.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 88.467 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021044.D

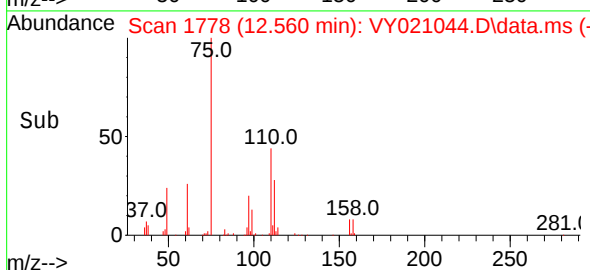
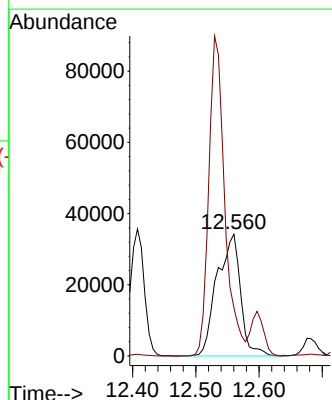
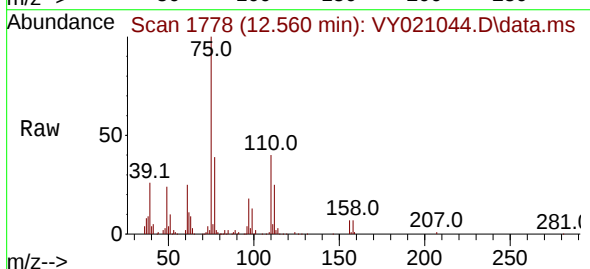
Acq: 03 Feb 2025 20:54

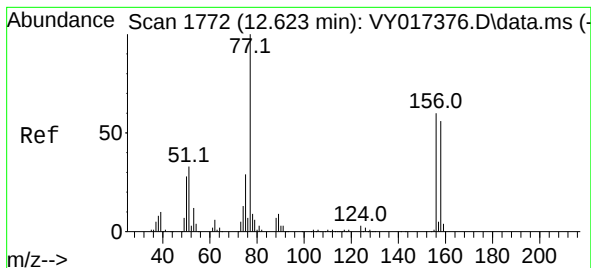
Tgt Ion: 75 Resp: 88239

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.422 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

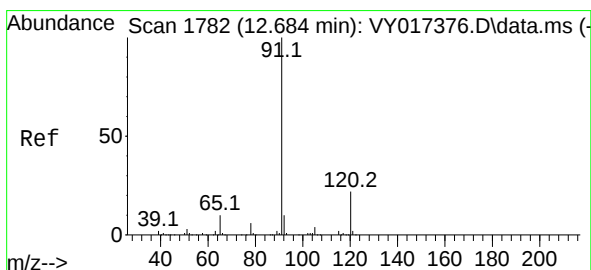
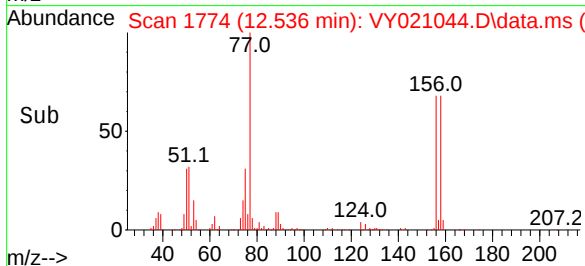
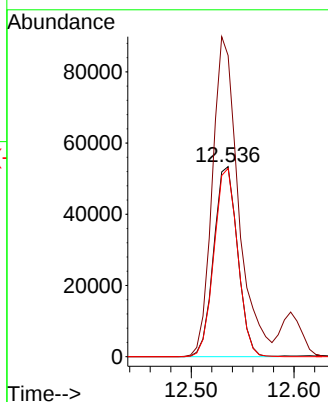
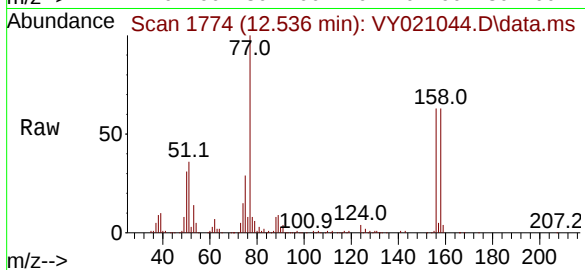
Tgt Ion:156 Resp: 86065

Ion Ratio Lower Upper

156 100

77 184.5 97.3 291.8

158 98.1 48.4 145.0



#78

n-propylbenzene

Concen: 42.270 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY021044.D

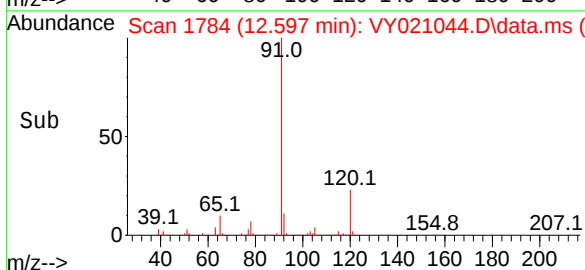
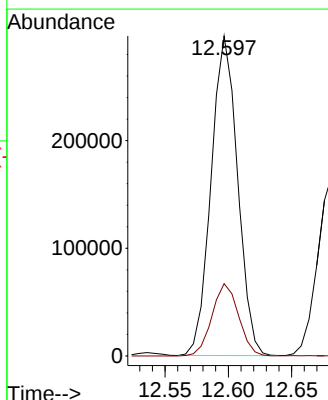
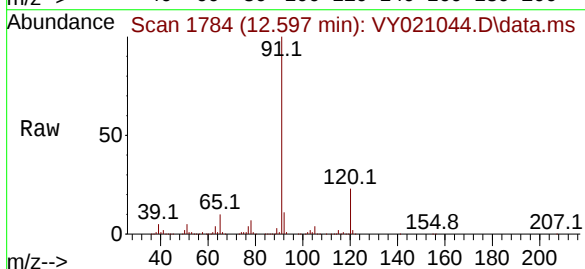
Acq: 03 Feb 2025 20:54

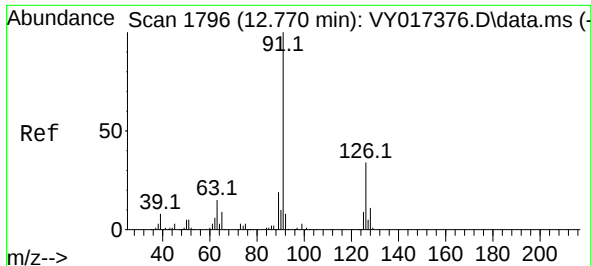
Tgt Ion: 91 Resp: 432483

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0

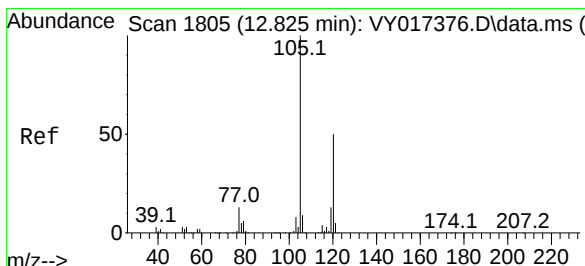
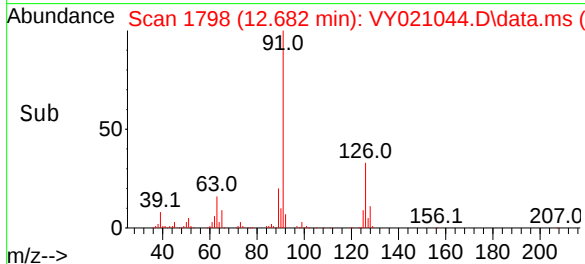
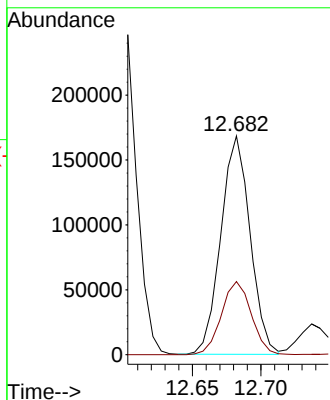
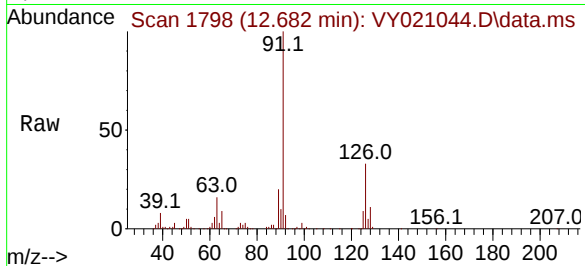




#79
2-Chlorotoluene
Concen: 42.706 ug/l
RT: 12.682 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

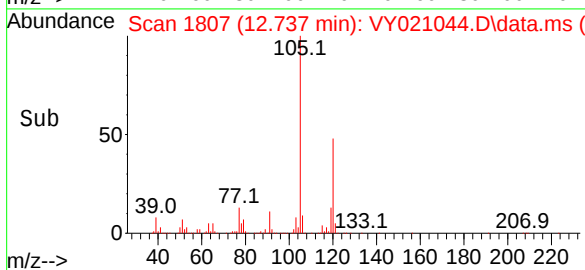
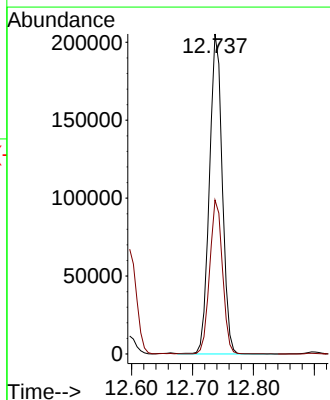
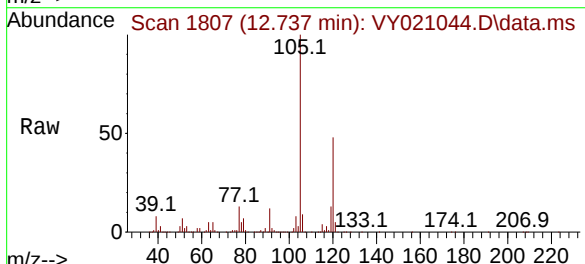
Instrument :
MSVOA_Y
ClientSampleId :

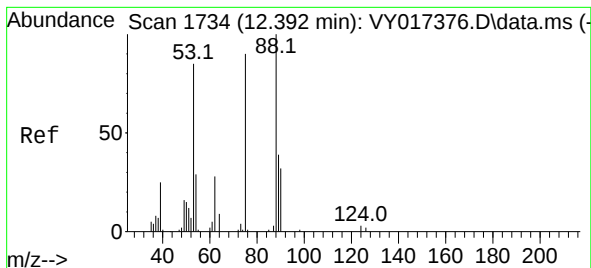
Tgt Ion: 91 Resp: 250259
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 43.069 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion:105 Resp: 299919
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

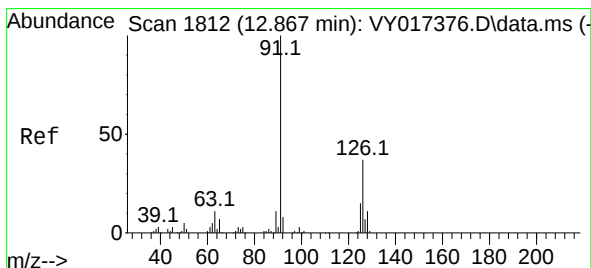
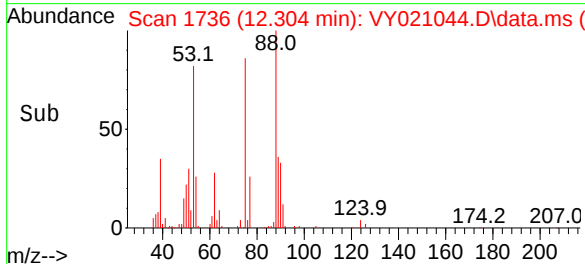
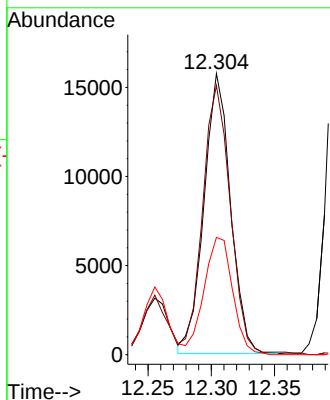
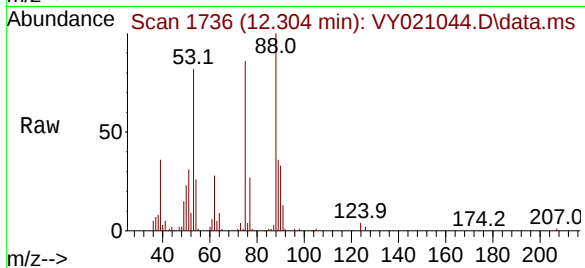




#81
trans-1,4-Dichloro-2-butene
Concen: 47.036 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

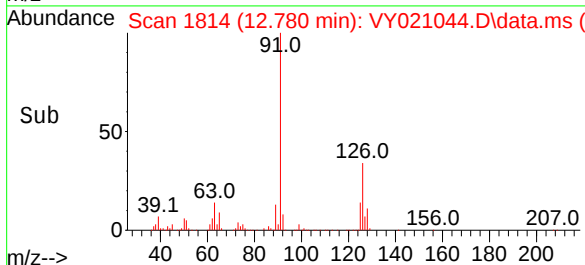
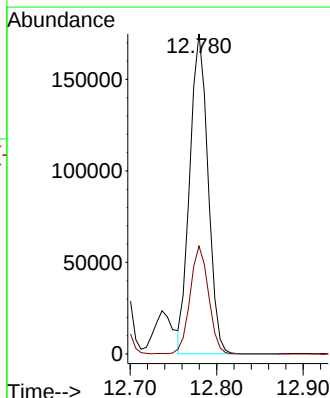
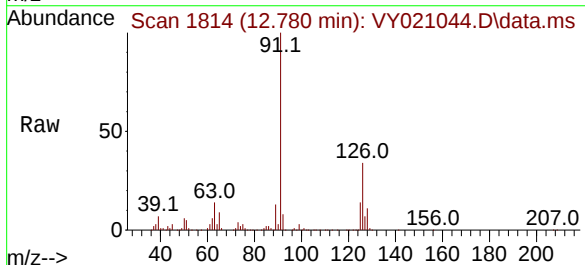
Instrument :
MSVOA_Y
ClientSampleId :

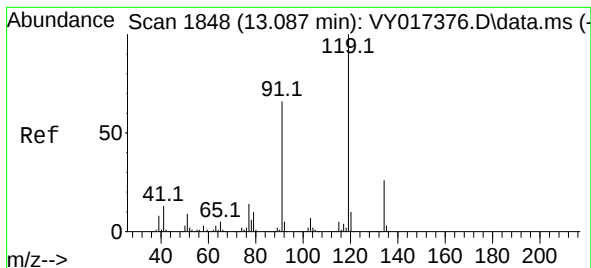
Tgt Ion: 75 Resp: 22992
Ion Ratio Lower Upper
75 100
53 101.0 74.0 111.0
89 44.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 42.802 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion: 91 Resp: 255553
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 42.160 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

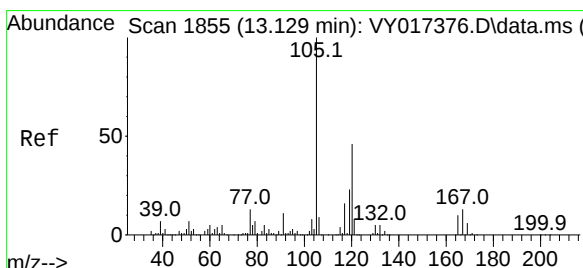
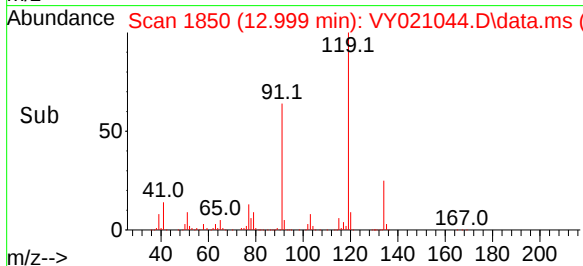
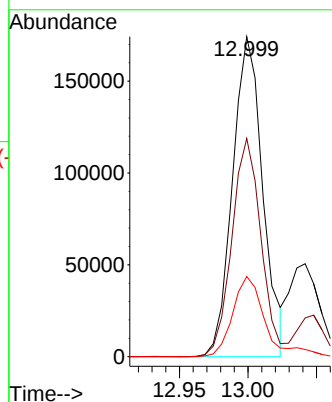
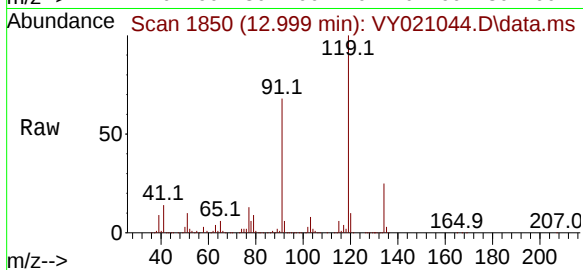
Tgt Ion:119 Resp: 266857

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 44.079 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021044.D

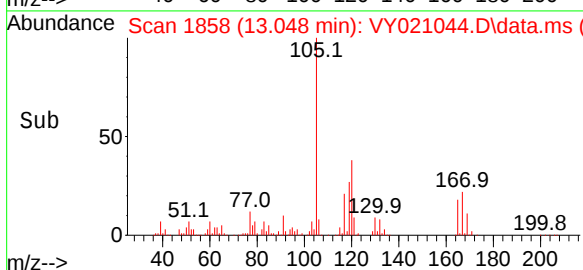
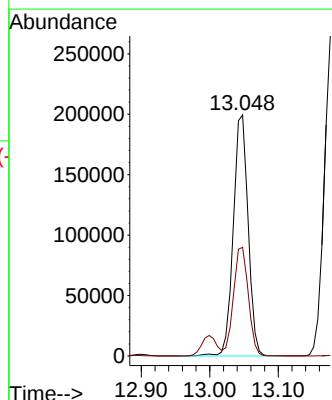
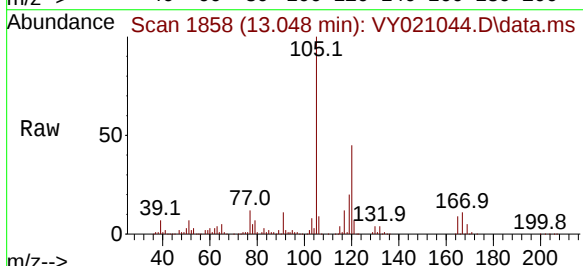
Acq: 03 Feb 2025 20:54

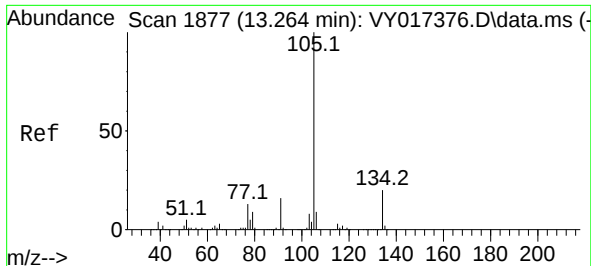
Tgt Ion:105 Resp: 300133

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 42.129 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

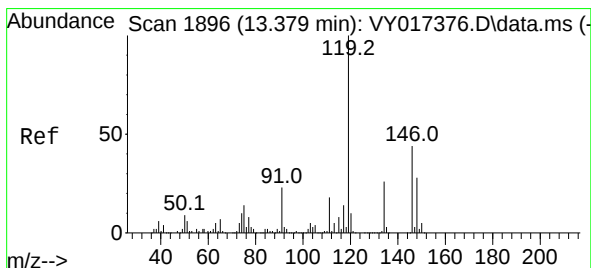
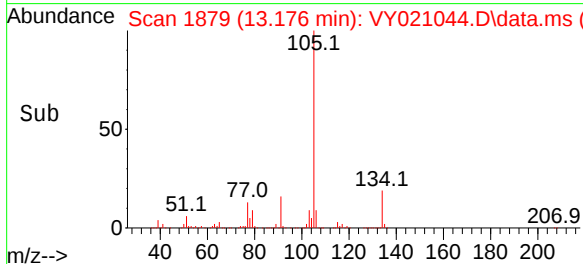
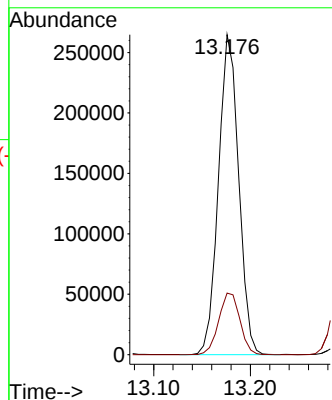
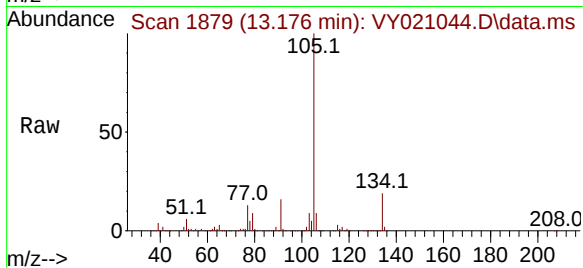
ClientSampleId :

Tgt Ion:105 Resp: 383860

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 42.692 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

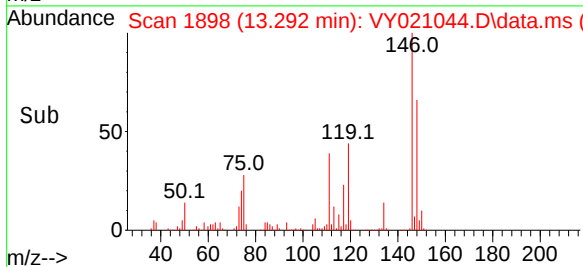
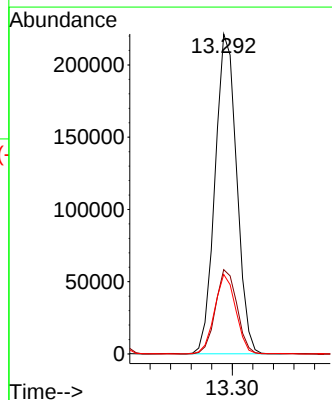
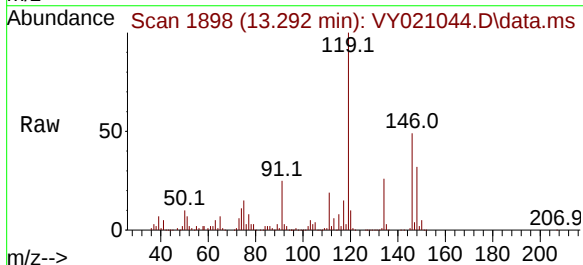
Tgt Ion:119 Resp: 323125

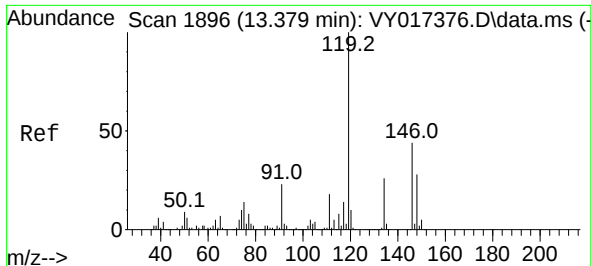
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.2 11.7 35.0

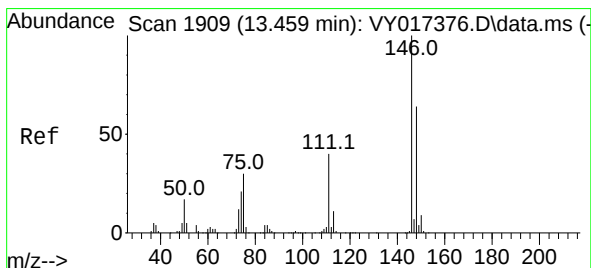
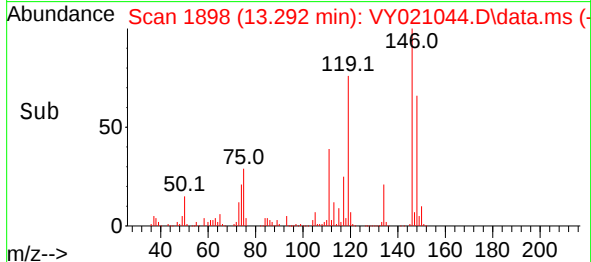
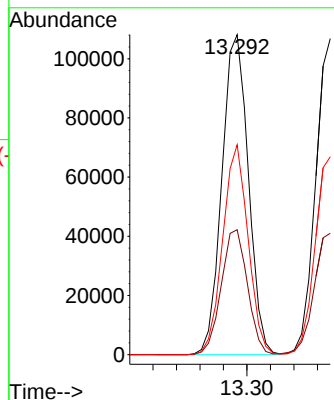
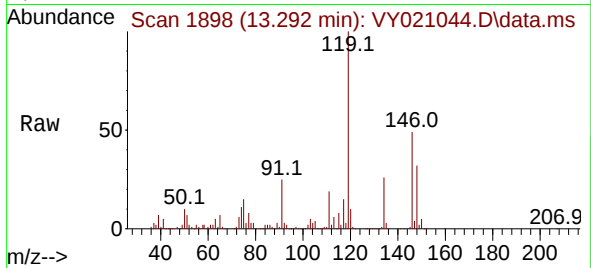




#87
1,3-Dichlorobenzene
Concen: 44.160 ug/l
RT: 13.292 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

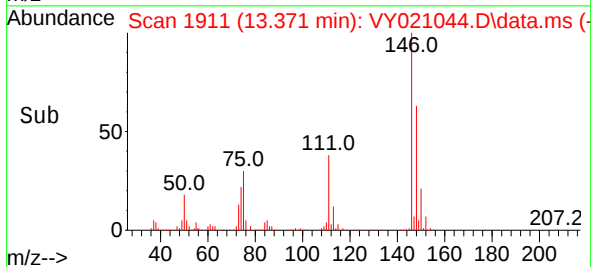
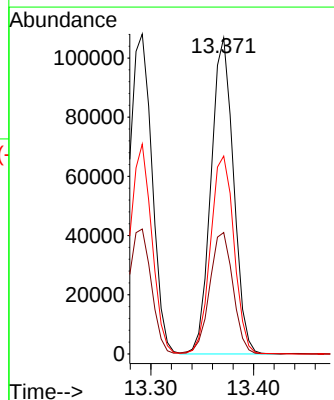
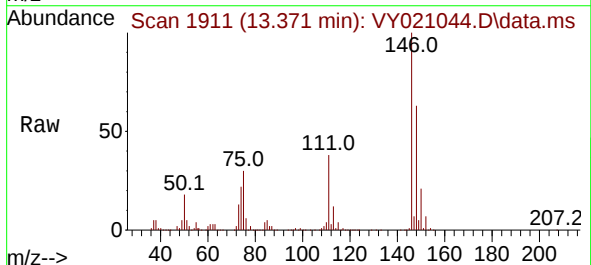
Instrument :
MSVOA_Y
ClientSampleId :

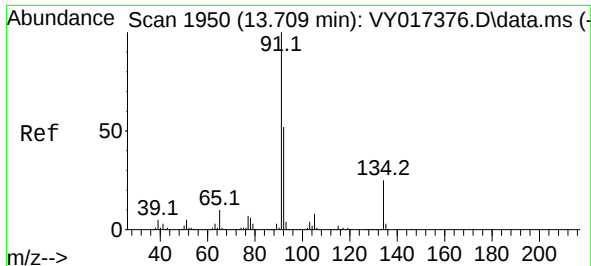
Tgt Ion:146 Resp: 169004
Ion Ratio Lower Upper
146 100
111 38.8 20.2 60.5
148 62.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 43.196 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021044.D
Acq: 03 Feb 2025 20:54

Tgt Ion:146 Resp: 162770
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.9
148 65.3 31.6 94.7





#89

n-Butylbenzene

Concen: 42.595 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

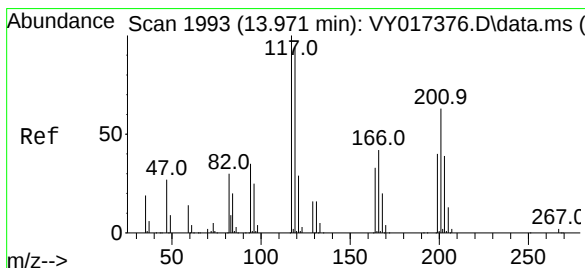
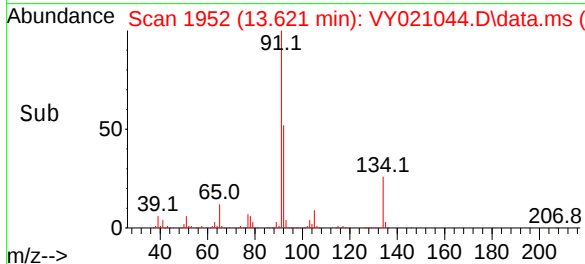
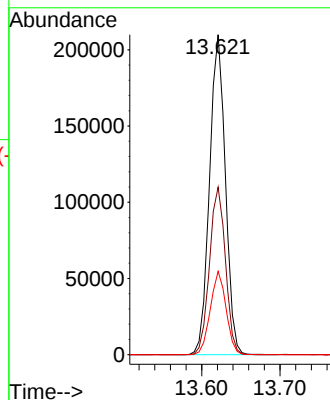
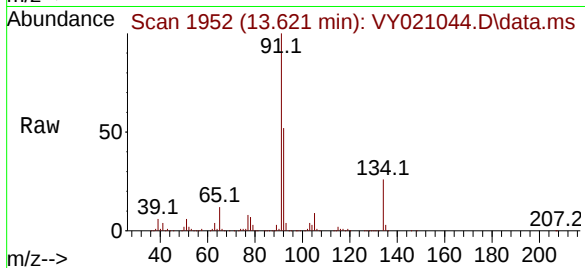
Tgt Ion: 91 Resp: 294105

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.9 12.3 36.8



#90

Hexachloroethane

Concen: 42.330 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021044.D

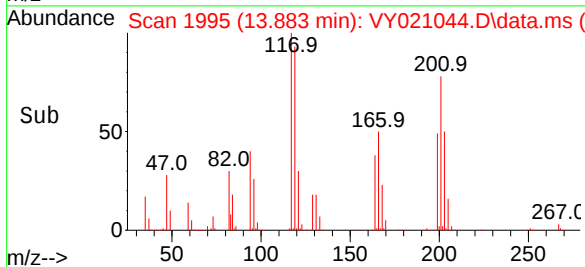
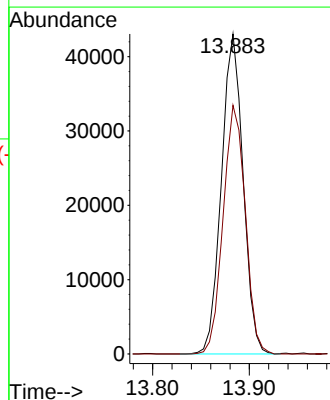
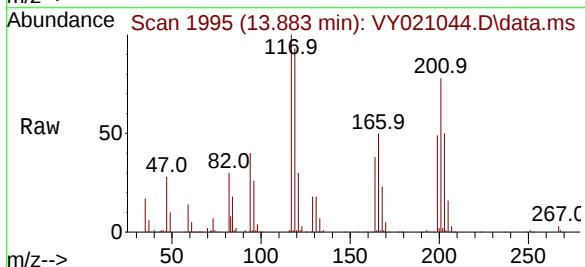
Acq: 03 Feb 2025 20:54

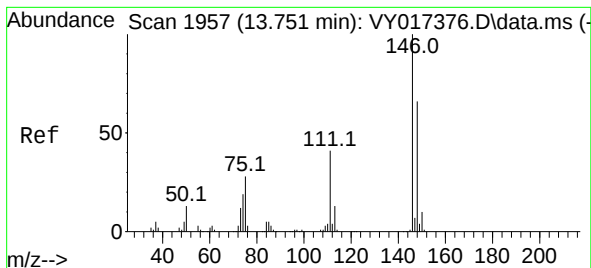
Tgt Ion:117 Resp: 66837

Ion Ratio Lower Upper

117 100

201 79.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.255 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

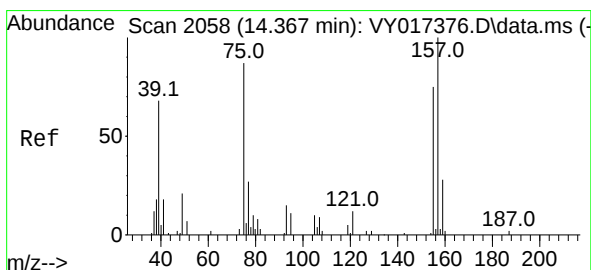
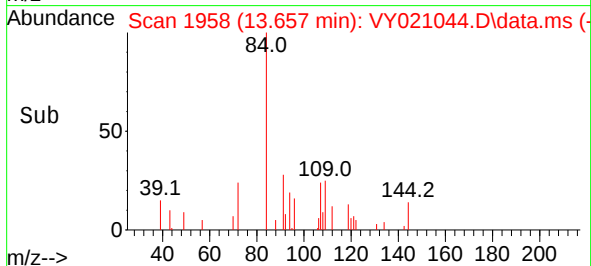
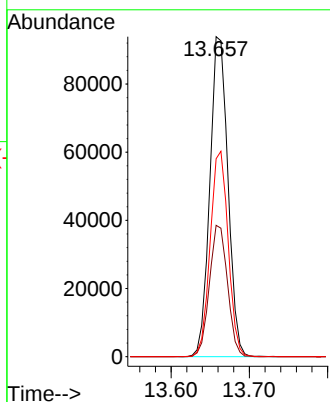
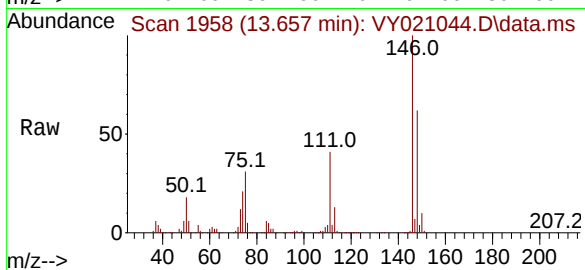
Tgt Ion:146 Resp: 150324

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.470 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

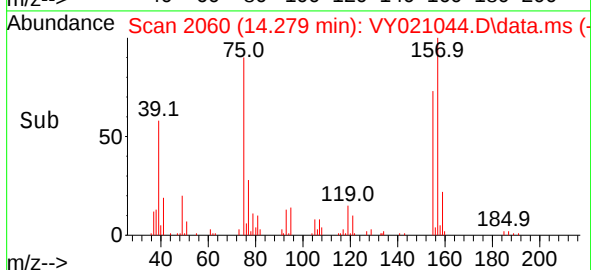
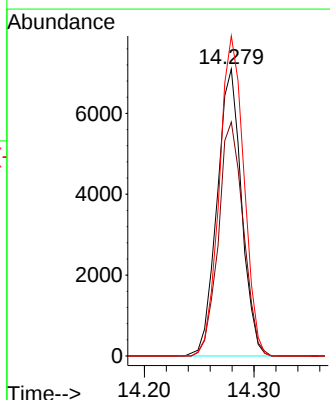
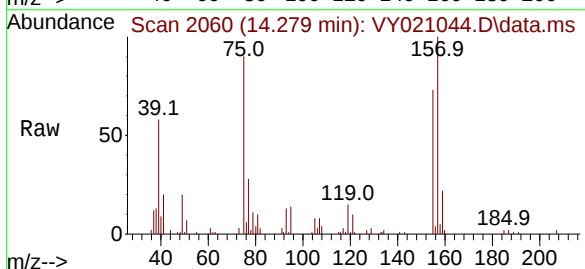
Tgt Ion: 75 Resp: 10987

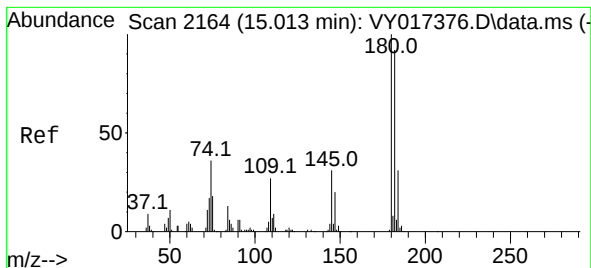
Ion Ratio Lower Upper

75 100

155 83.1 42.1 126.3

157 112.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.557 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

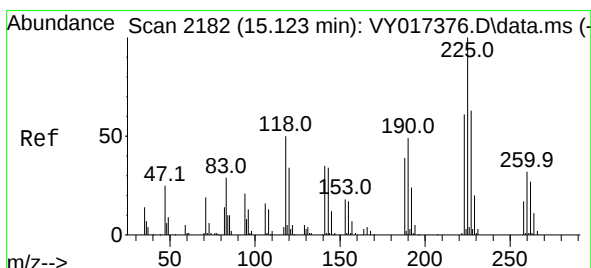
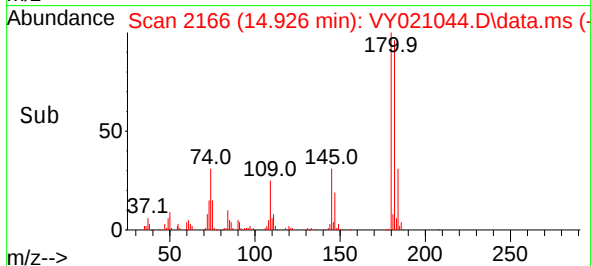
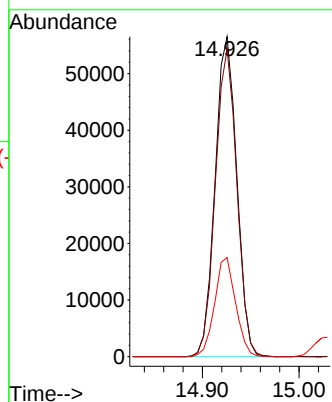
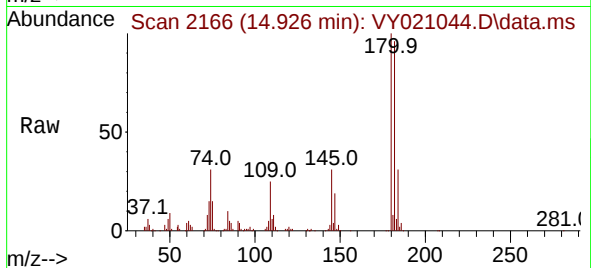
Tgt Ion:180 Resp: 87931

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.913 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

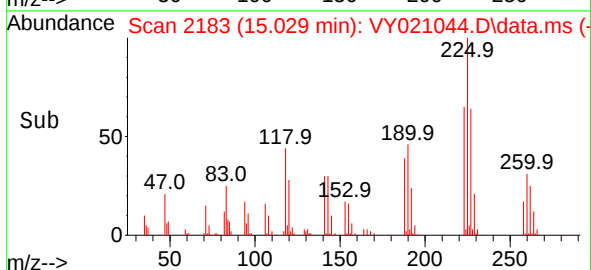
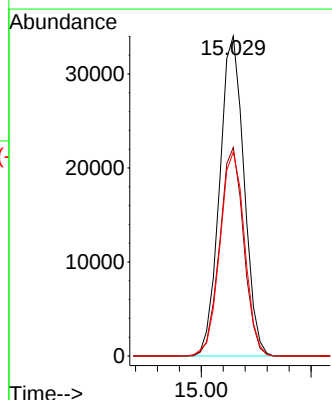
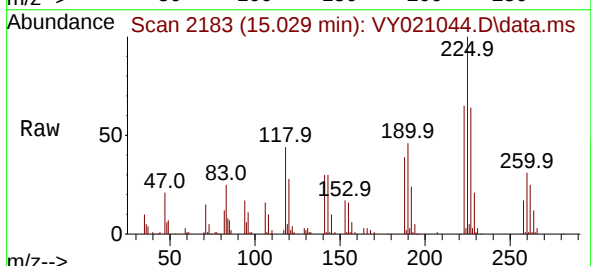
Tgt Ion:225 Resp: 52579

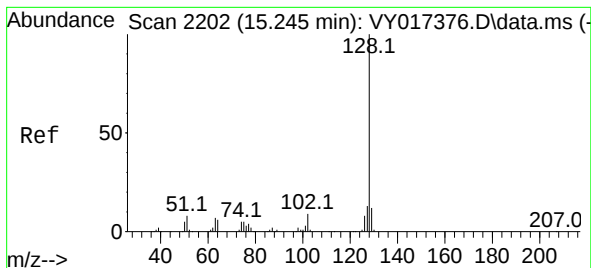
Ion Ratio Lower Upper

225 100

223 64.1 31.4 94.3

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 55.198 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min MSVOA_Y

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Instrument :

MSVOA_Y

ClientSampleId :

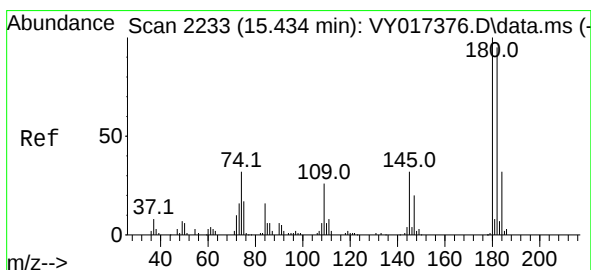
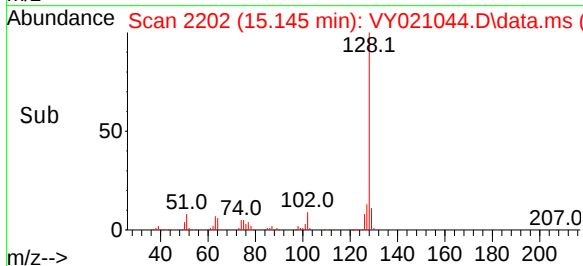
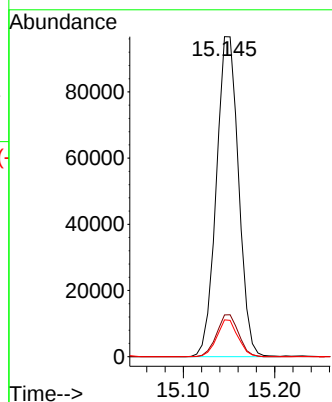
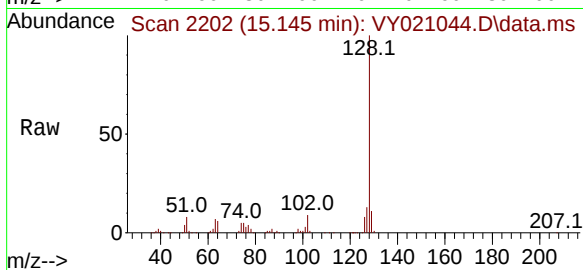
Tgt Ion:128 Resp: 163282

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.267 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021044.D

Acq: 03 Feb 2025 20:54

Tgt Ion:180 Resp: 75807

Ion Ratio Lower Upper

180 100

182 96.3 46.3 138.8

145 32.5 16.1 48.2

