

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021048.D
 Acq On : 04 Feb 2025 10:52
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:43:22 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	7.707	168	159738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	247448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	212473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	108974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72541	44.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.634	113	70720	44.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.200%
50) Toluene-d8	10.109	98	273816	45.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.408	95	88811	45.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26561	18.656	ug/l	95
3) Chloromethane	2.074	50	25456	18.120	ug/l	100
4) Vinyl Chloride	2.208	62	25348	17.926	ug/l	96
5) Bromomethane	2.592	94	15527	17.766	ug/l	93
6) Chloroethane	2.739	64	14918	17.722	ug/l	100
7) Trichlorofluoromethane	3.062	101	46635	18.102	ug/l	99
8) Diethyl Ether	3.458	74	14027	17.442	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	30481	18.852	ug/l	96
10) Methyl Iodide	4.007	142	29675	16.520	ug/l	94
11) Tert butyl alcohol	4.860	59	10816	97.522	ug/l	100
12) 1,1-Dichloroethene	3.793	96	27509	18.062	ug/l	91
13) Acrolein	3.653	56	15521	90.880	ug/l	95
14) Allyl chloride	4.385	41	46739	18.208	ug/l	94
15) Acrylonitrile	5.061	53	29778	88.918	ug/l	96
16) Acetone	3.867	43	24331	95.329	ug/l	94
17) Carbon Disulfide	4.104	76	84527	17.699	ug/l	99
18) Methyl Acetate	4.391	43	16098	17.967	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	68589	17.817	ug/l	100
20) Methylene Chloride	4.616	84	28978	18.264	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	30051	17.925	ug/l	90
22) Diisopropyl ether	6.019	45	99002	18.712	ug/l	97
23) Vinyl Acetate	5.964	43	269489	91.368	ug/l	98
24) 1,1-Dichloroethane	5.915	63	57777	18.638	ug/l	99
25) 2-Butanone	6.897	43	38689	92.245	ug/l	95
26) 2,2-Dichloropropane	6.884	77	53805	18.759	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	35371	18.330	ug/l	94
28) Bromochloromethane	7.250	49	24400	19.906	ug/l	98
29) Tetrahydrofuran	7.262	42	25992	91.585	ug/l	94
30) Chloroform	7.421	83	58868	18.488	ug/l	98
31) Cyclohexane	7.701	56	51555	18.469	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	55929	18.893	ug/l	100
36) 1,1-Dichloropropene	7.835	75	43422	18.486	ug/l	100
37) Ethyl Acetate	6.982	43	16787	16.291	ug/l	96
38) Carbon Tetrachloride	7.823	117	51669	18.826	ug/l	99
39) Methylcyclohexane	9.110	83	52772	18.368	ug/l	97
40) Benzene	8.085	78	127737	18.531	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	8975	15.055	ug/l #	94
42) 1,2-Dichloroethane	8.159	62	34662	18.127	ug/l	98
43) Isopropyl Acetate	8.201	43	36132	17.647	ug/l #	86
44) Trichloroethene	8.866	130	33112	18.593	ug/l	95
45) 1,2-Dichloropropane	9.146	63	31191	19.064	ug/l	98
46) Dibromomethane	9.231	93	16797	18.543	ug/l	96
47) Bromodichloromethane	9.427	83	45261	18.630	ug/l	97
48) Methyl methacrylate	9.225	41	17256	18.502	ug/l	92
49) 1,4-Dioxane	9.231	88	3076	364.763	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	95113	92.378	ug/l	96
52) Toluene	10.170	92	81634	18.861	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	39796	18.243	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	48033	18.596	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	21600	18.414	ug/l	94
56) Ethyl methacrylate	10.445	69	27381	17.448	ug/l	89
57) 1,3-Dichloropropane	10.719	76	37450	18.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	65192	87.322	ug/l	100
59) 2-Hexanone	10.762	43	60223	90.844	ug/l	95
60) Dibromochloromethane	10.914	129	30226	18.348	ug/l	99
61) 1,2-Dibromoethane	11.018	107	19558	17.800	ug/l	98
64) Tetrachloroethene	10.652	164	29844	18.921	ug/l	96
65) Chlorobenzene	11.445	112	88014	18.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	31439	18.699	ug/l	98
67) Ethyl Benzene	11.524	91	156761	18.733	ug/l	100
68) m/p-Xylenes	11.627	106	118185	37.753	ug/l	97
69) o-Xylene	11.957	106	54195	18.569	ug/l	96
70) Styrene	11.975	104	91611	18.833	ug/l	98
71) Bromoform	12.133	173	17427	18.622	ug/l #	97
73) Isopropylbenzene	12.255	105	150465	17.676	ug/l	100
74) N-amyl acetate	12.072	43	31886	17.133	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	24702	17.448	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	31755	32.123	ug/l #	100
77) Bromobenzene	12.536	156	34360	17.492	ug/l	92
78) n-propylbenzene	12.597	91	181949	17.943	ug/l	98
79) 2-Chlorotoluene	12.682	91	102699	17.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	125980	18.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8631	17.816	ug/l	98
82) 4-Chlorotoluene	12.780	91	106247	17.955	ug/l	100
83) tert-Butylbenzene	12.999	119	110553	17.623	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	124310	18.421	ug/l	98
85) sec-Butylbenzene	13.176	105	162645	18.011	ug/l	97
86) p-Isopropyltoluene	13.292	119	136684	18.222	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	67765	17.866	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	68413	18.319	ug/l	99
89) n-Butylbenzene	13.621	91	126230	18.446	ug/l	99
90) Hexachloroethane	13.883	117	27935	17.851	ug/l	87
91) 1,2-Dichlorobenzene	13.664	146	59994	18.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3450	16.307	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	33572	18.321	ug/l	96
94) Hexachlorobutadiene	15.029	225	22831	18.801	ug/l	99
95) Naphthalene	15.151	128	49550	16.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	27220	17.849	ug/l	96

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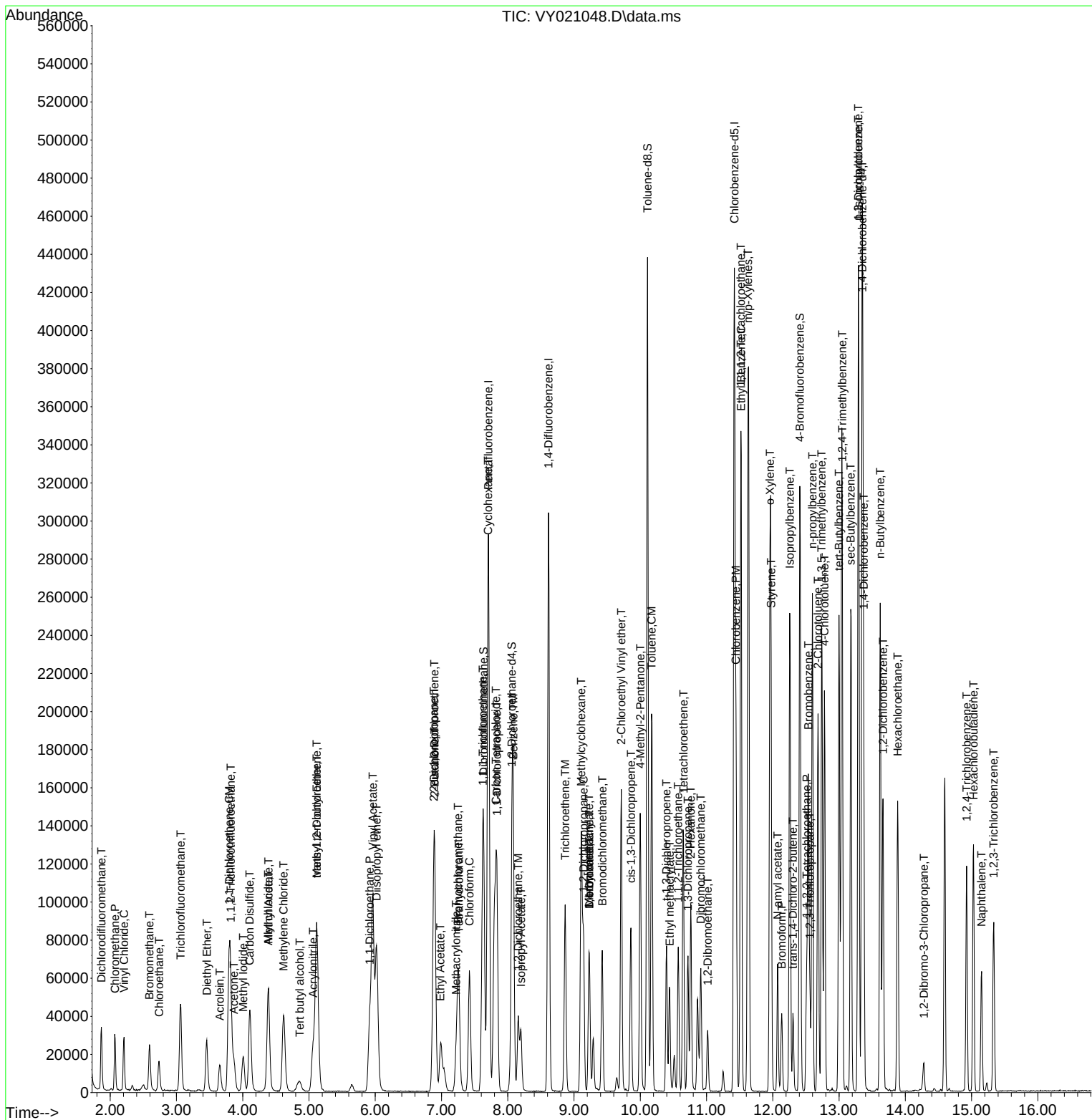
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MSVOA_Y
ClientSampleId :

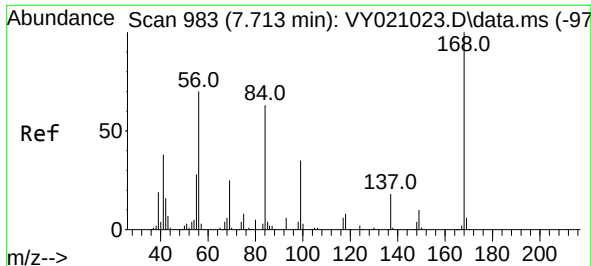
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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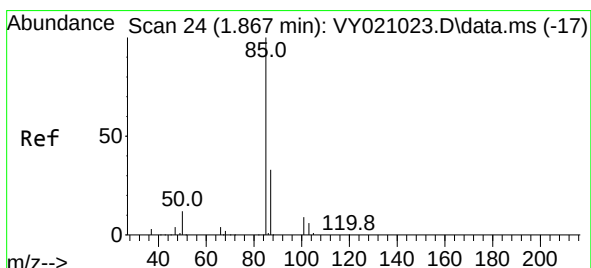
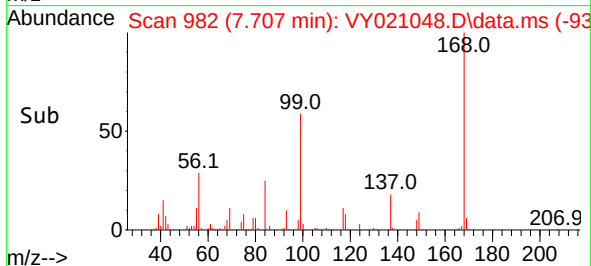
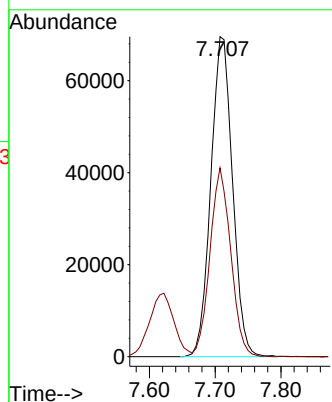
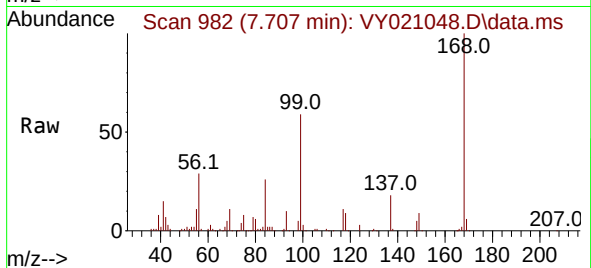




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021048.D
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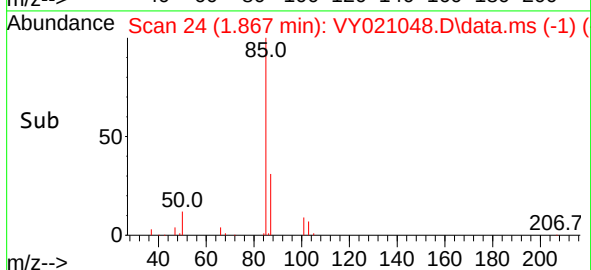
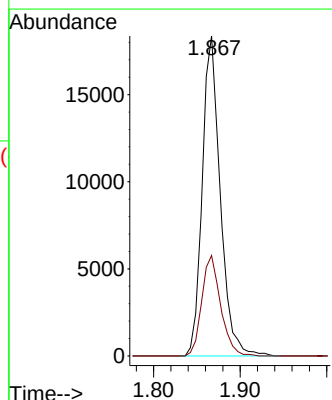
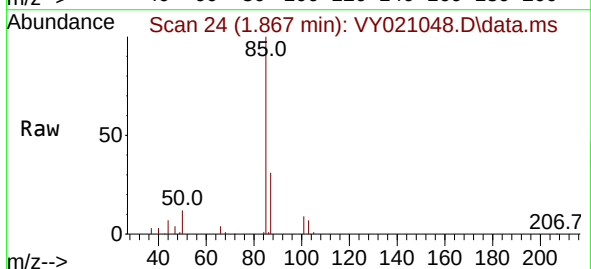
Instrument :
MSVOA_Y
ClientSampleId :

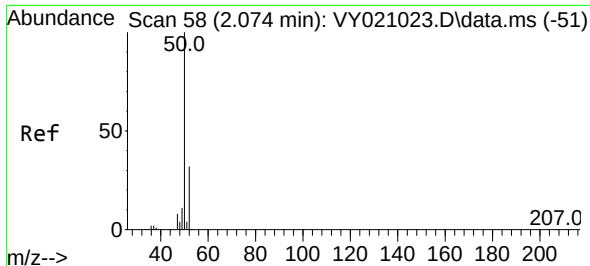
Tgt Ion:168 Resp: 159738
Ion Ratio Lower Upper
168 100
99 58.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.656 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 85 Resp: 26561
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.3

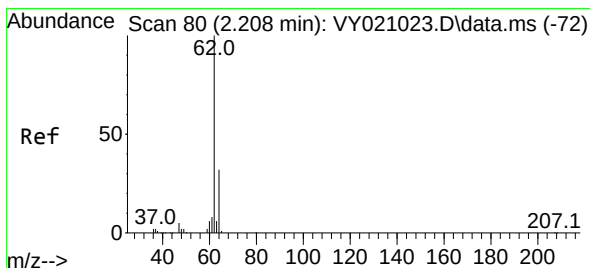
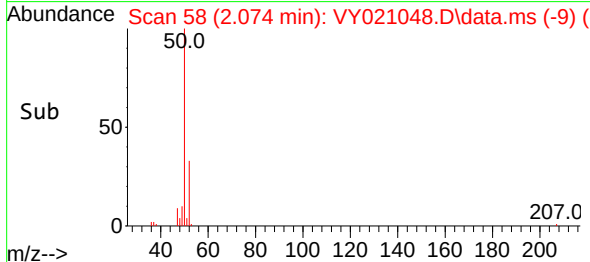
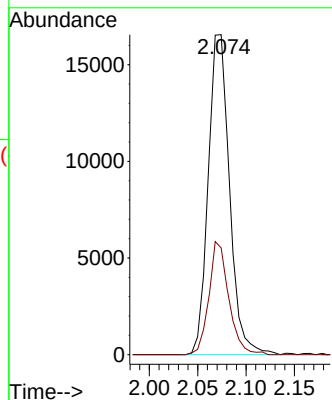
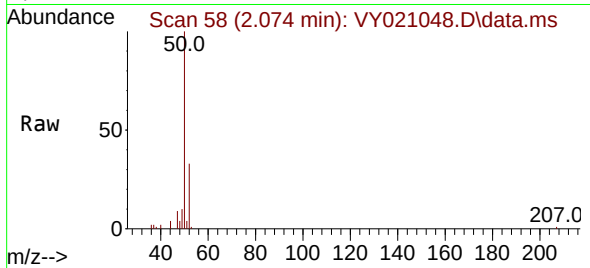




#3
Chloromethane
Concen: 18.120 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

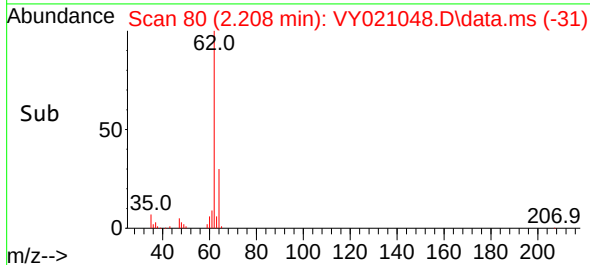
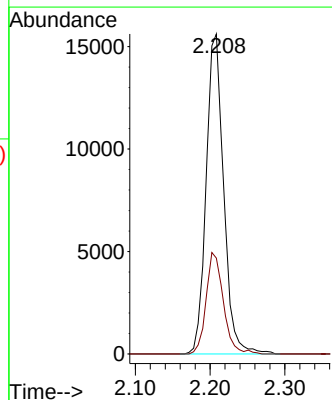
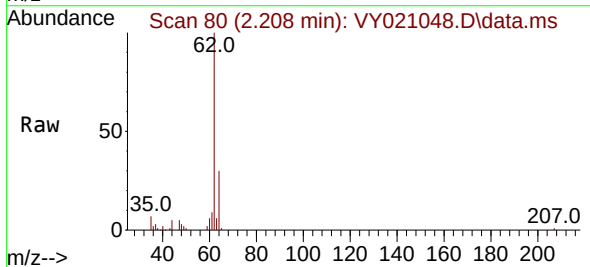
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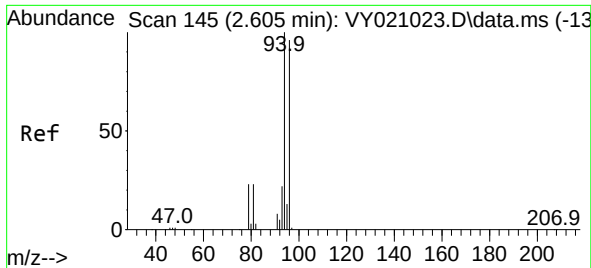
Tgt Ion: 50 Resp: 25456
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 17.926 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 62 Resp: 25348
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5

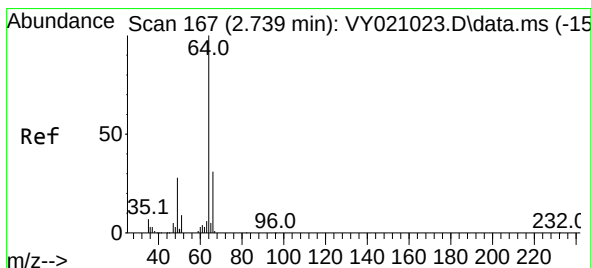
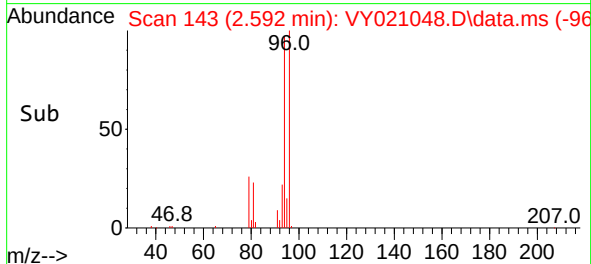
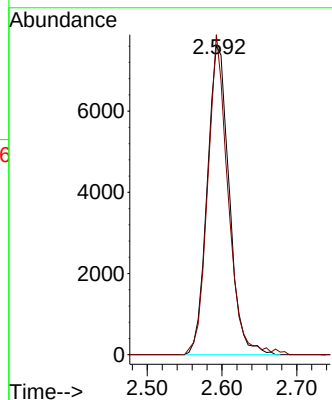
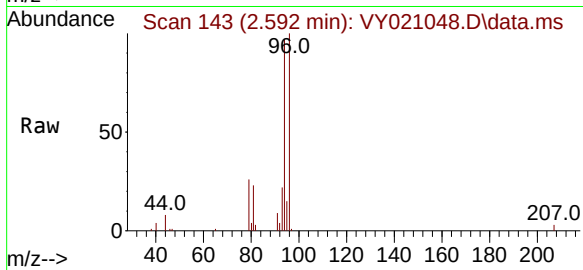




#5
Bromomethane
Concen: 17.766 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

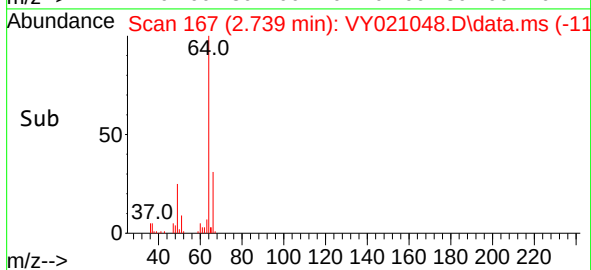
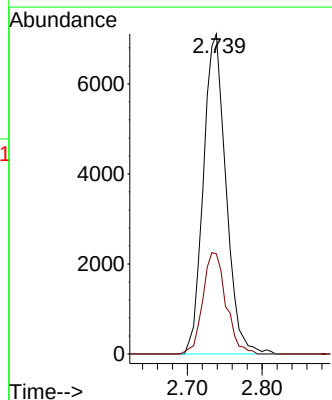
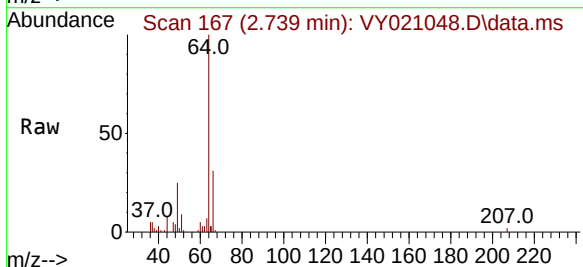
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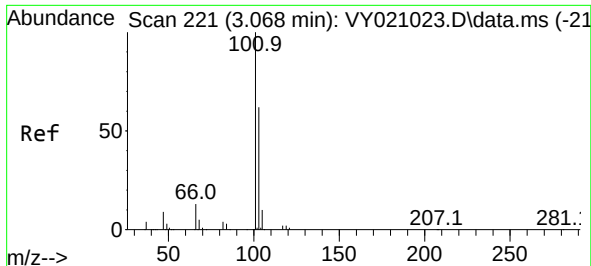
Tgt Ion: 94 Resp: 15527
Ion Ratio Lower Upper
94 100
96 103.6 77.3 115.9



#6
Chloroethane
Concen: 17.722 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 64 Resp: 14918
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

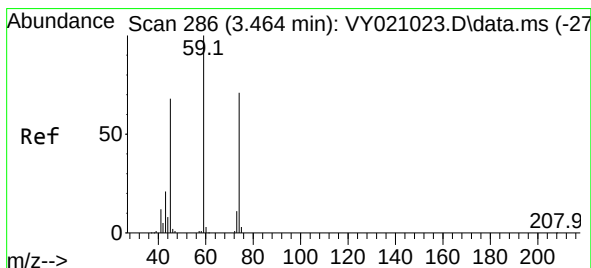
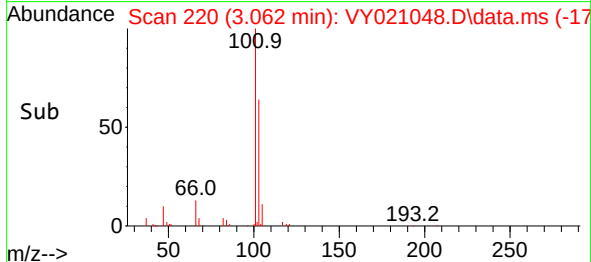
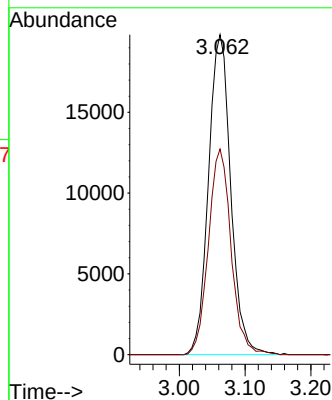
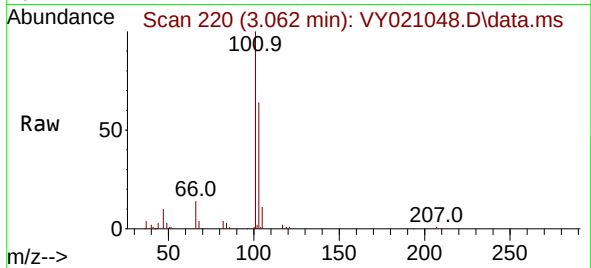




#7
Trichlorofluoromethane
Concen: 18.102 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
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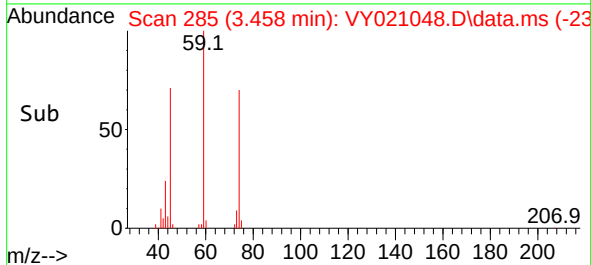
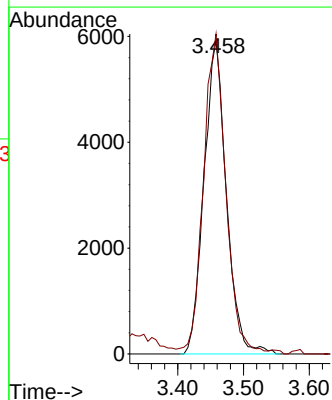
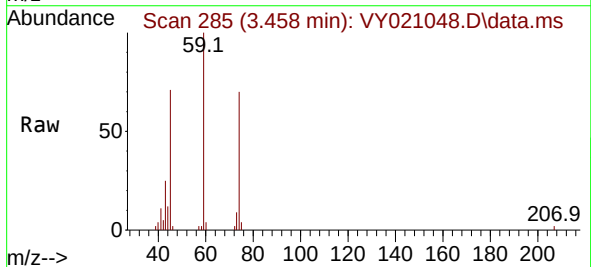
Instrument :
MSVOA_Y
ClientSampleId :

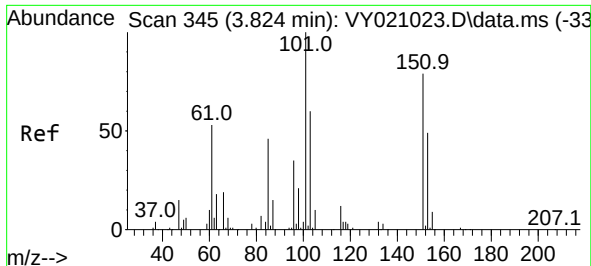
Tgt Ion:101 Resp: 46635
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9



#8
Diethyl Ether
Concen: 17.442 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 74 Resp: 14027
Ion Ratio Lower Upper
74 100
45 99.6 47.9 143.7

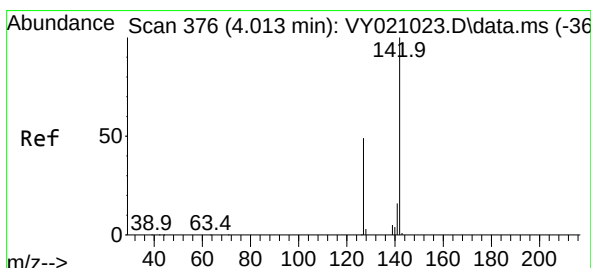
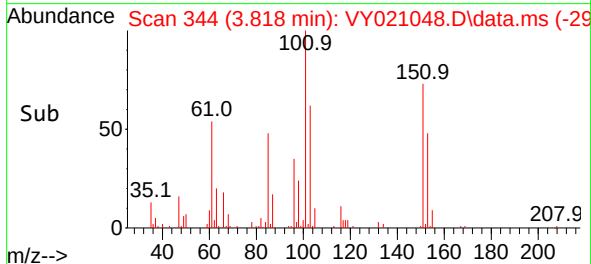
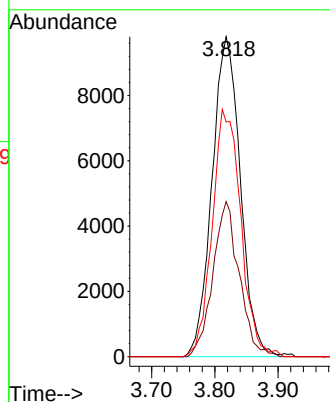
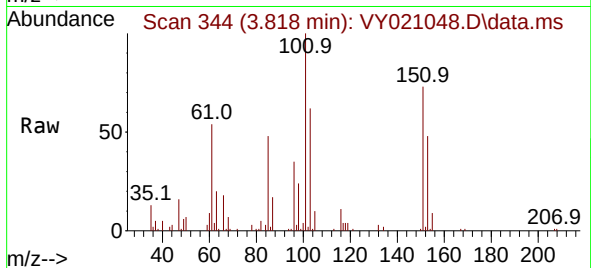




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.852 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
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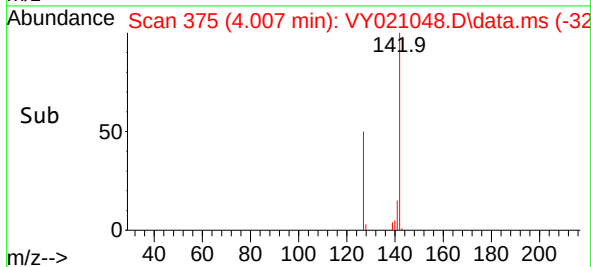
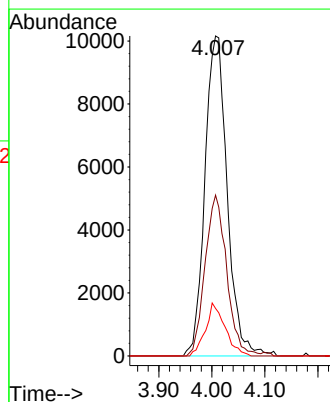
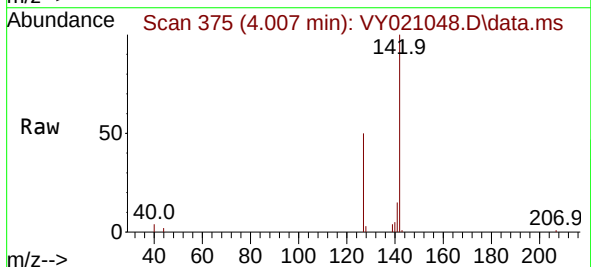
Instrument :
MSVOA_Y
ClientSampleId :

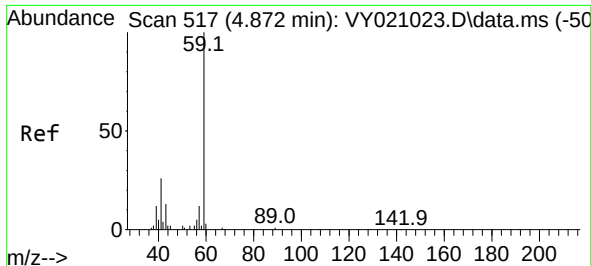
Tgt Ion:101 Resp: 30481
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 78.0 58.6 88.0



#10
Methyl Iodide
Concen: 16.520 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion:142 Resp: 29675
Ion Ratio Lower Upper
142 100
127 48.8 35.1 52.7
141 14.6 11.8 17.6

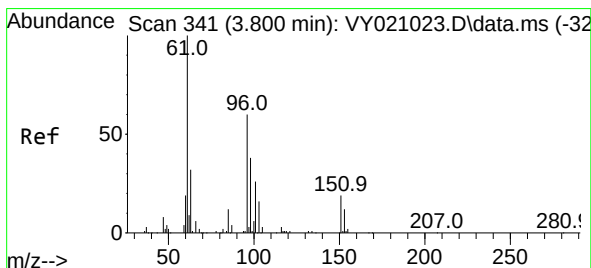
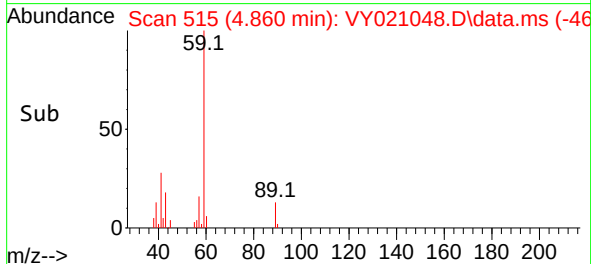
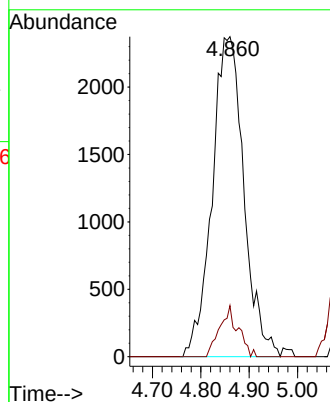
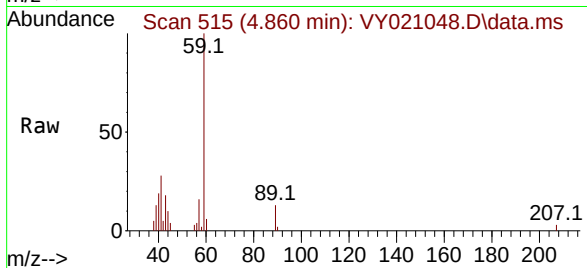




#11
Tert butyl alcohol
Concen: 97.522 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

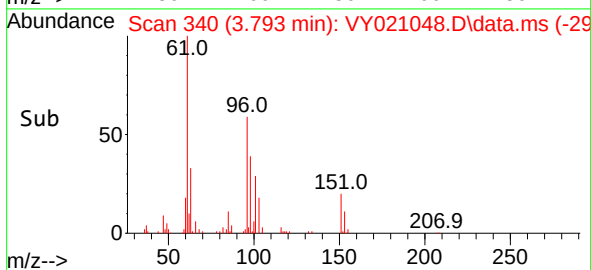
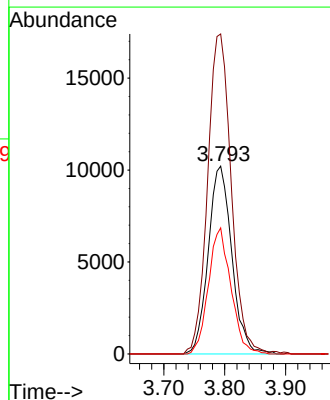
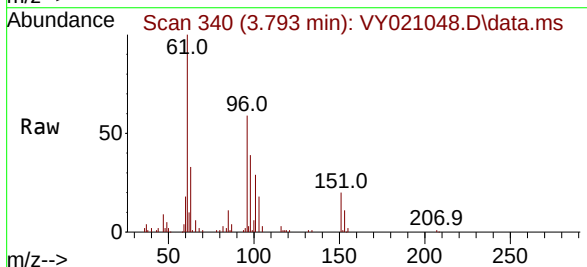
Instrument :
MSVOA_Y
ClientSampleId :

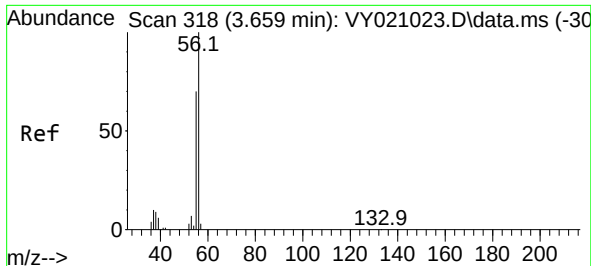
Tgt Ion: 59 Resp: 10816
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 18.062 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 96 Resp: 27509
Ion Ratio Lower Upper
96 100
61 170.3 124.2 186.2
98 67.1 52.6 79.0





#13

Acrolein

Concen: 90.880 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

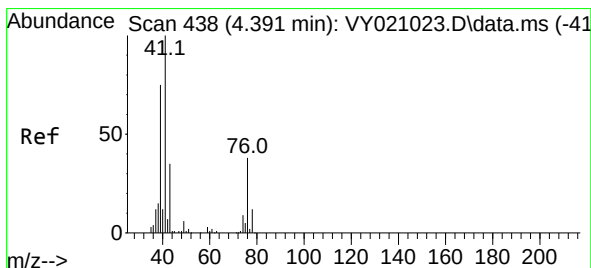
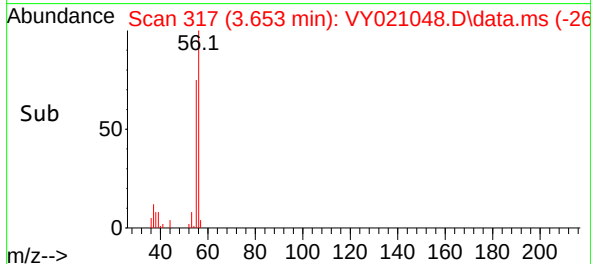
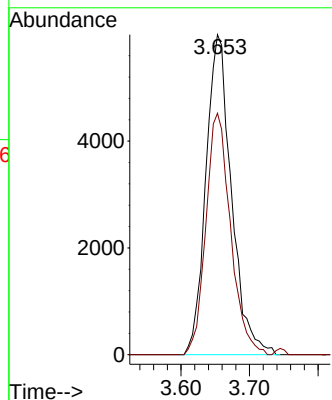
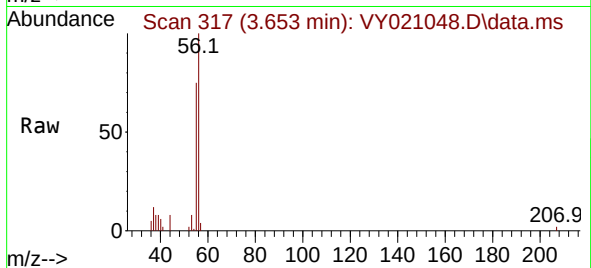
ClientSampleId :

Tgt Ion: 56 Resp: 15521

Ion Ratio Lower Upper

56 100

55 73.0 55.4 83.0



#14

Allyl chloride

Concen: 18.208 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

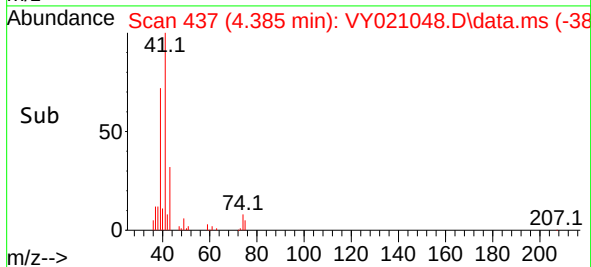
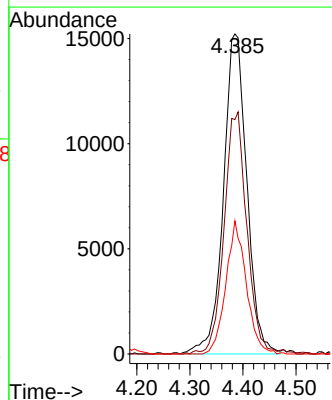
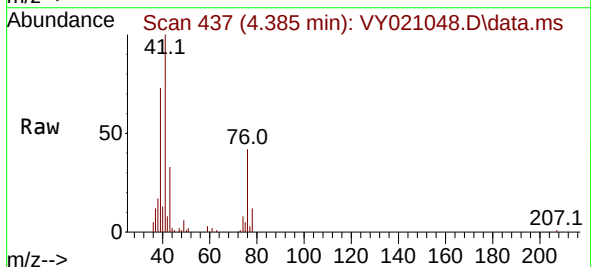
Tgt Ion: 41 Resp: 46739

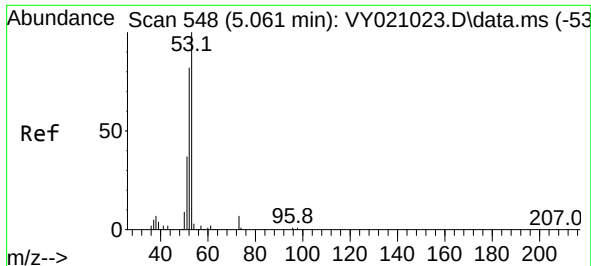
Ion Ratio Lower Upper

41 100

39 73.2 54.7 82.1

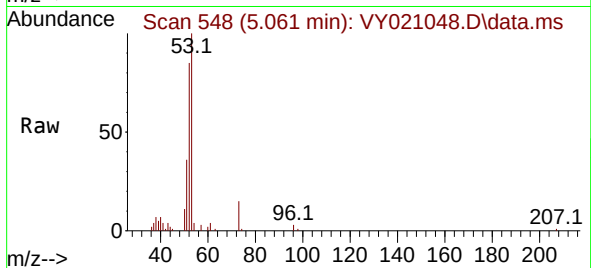
76 36.3 31.8 47.6



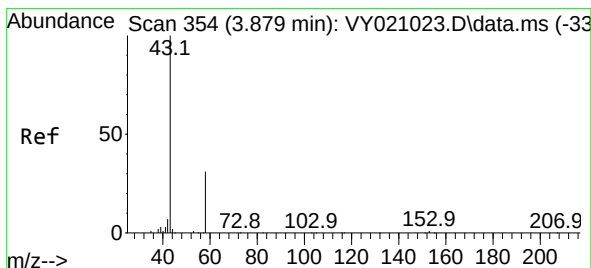
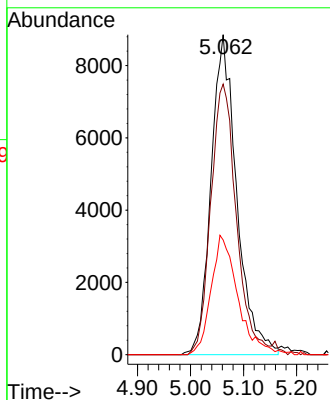
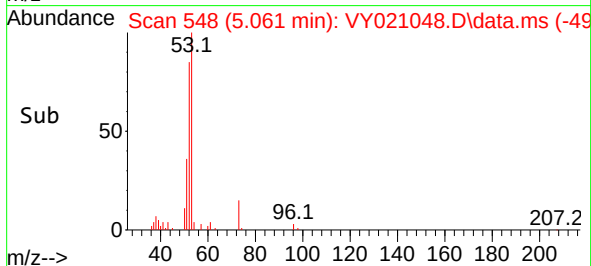


#15
Acrylonitrile
Concen: 88.918 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

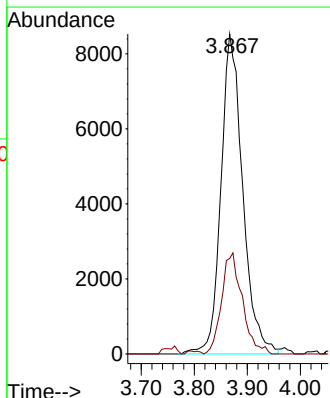
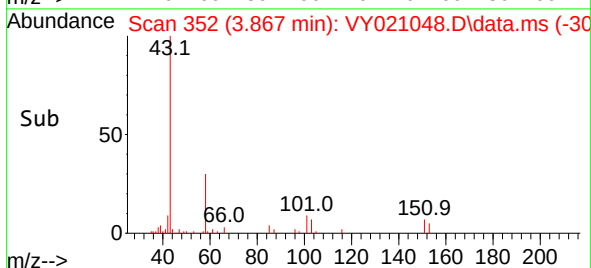
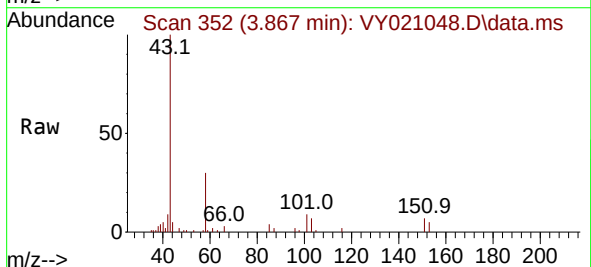


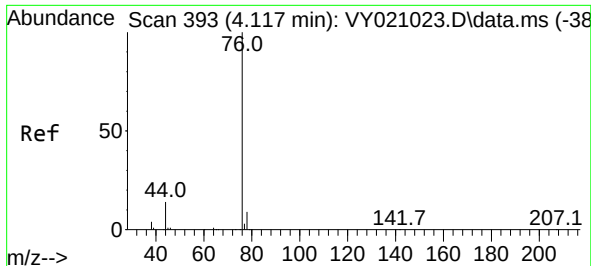
Tgt Ion: 53 Resp: 29778
Ion Ratio Lower Upper
53 100
52 84.3 65.1 97.7
51 39.1 29.0 43.4



#16
Acetone
Concen: 95.329 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 43 Resp: 24331
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8

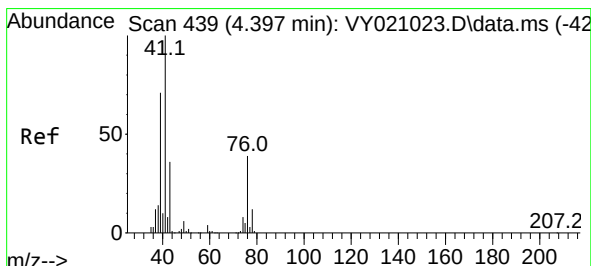
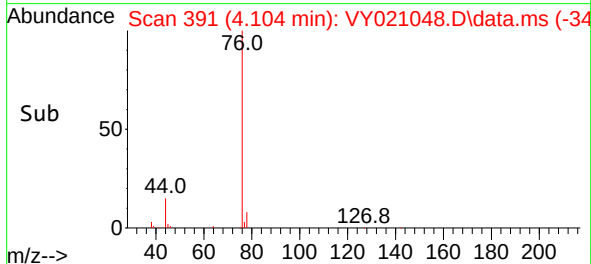
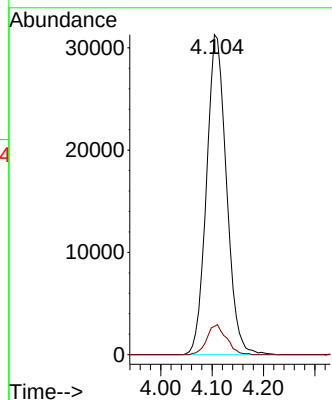
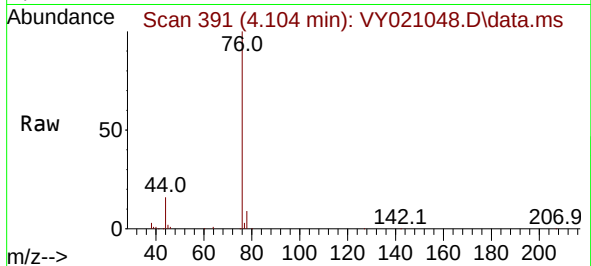




#17
Carbon Disulfide
Concen: 17.699 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

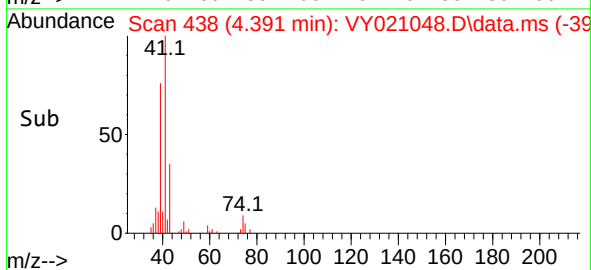
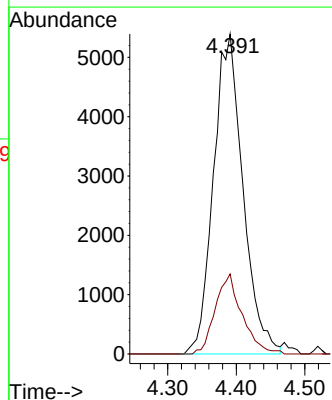
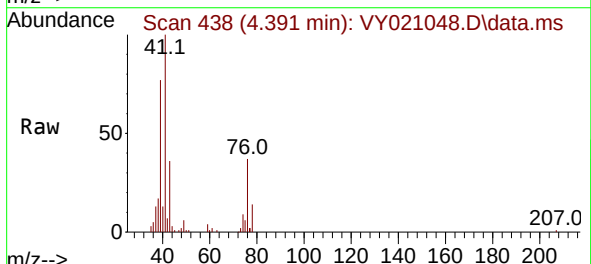
Instrument :
MSVOA_Y
ClientSampleId :

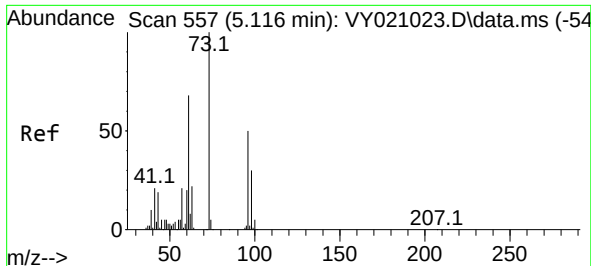
Tgt Ion: 76 Resp: 84527
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.967 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 43 Resp: 16098
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 17.817 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

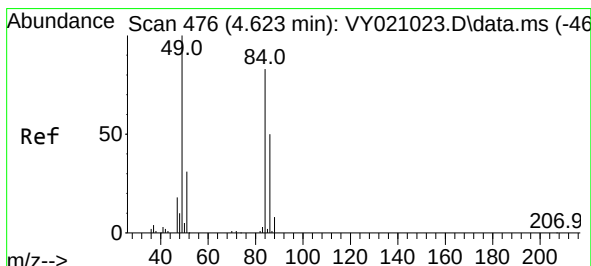
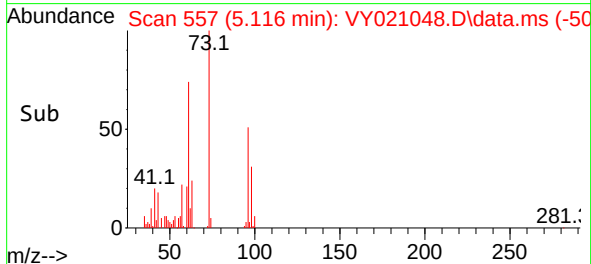
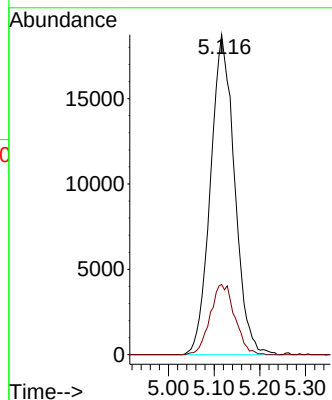
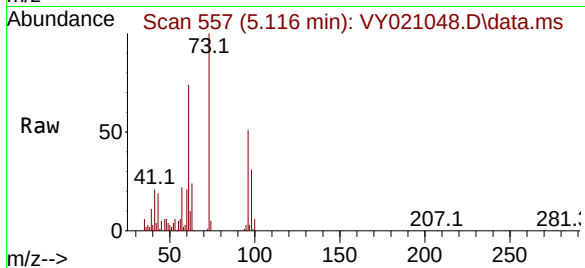
ClientSampleId :

Tgt Ion: 73 Resp: 68589

Ion Ratio Lower Upper

73 100

57 22.0 17.7 26.5



#20

Methylene Chloride

Concen: 18.264 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Tgt Ion: 84 Resp: 28978

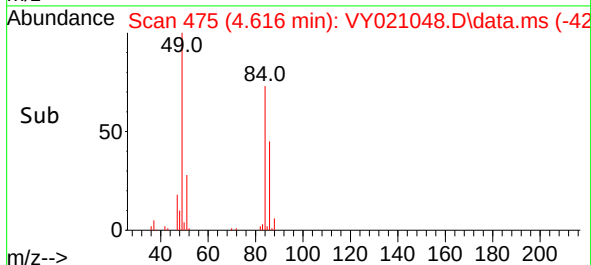
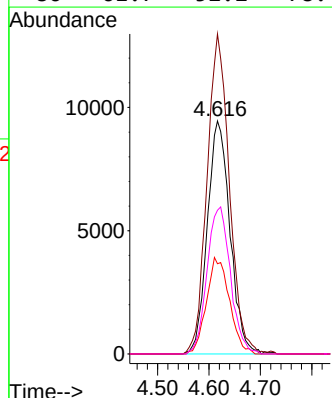
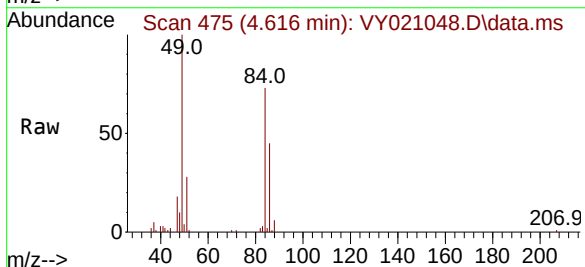
Ion Ratio Lower Upper

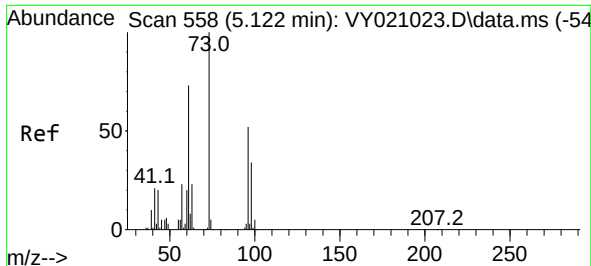
84 100

49 137.3 95.2 142.8

51 38.7 29.9 44.9

86 61.7 52.2 78.4

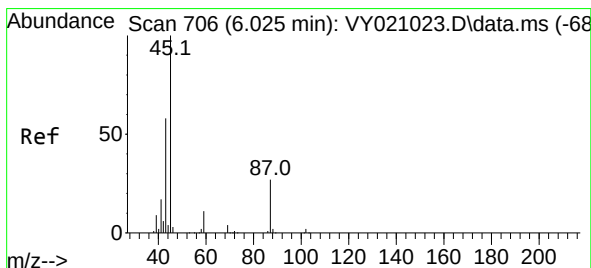
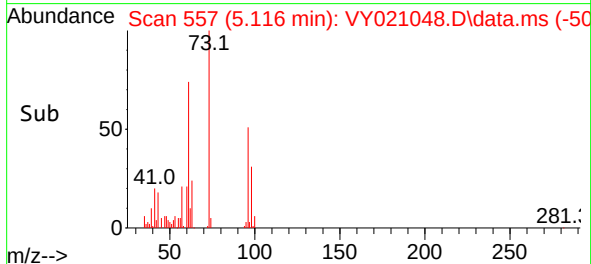
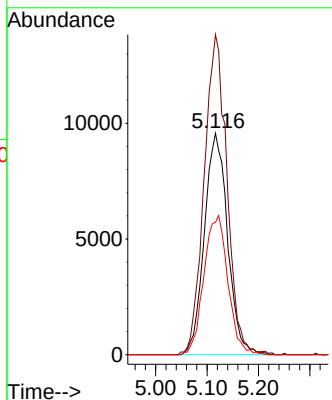
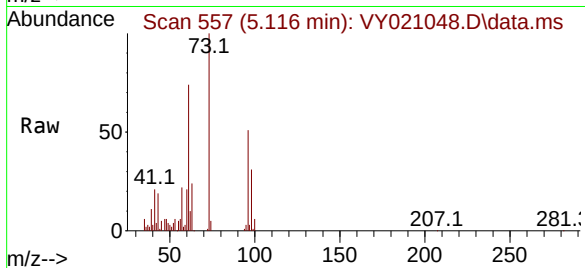




#21
trans-1,2-Dichloroethene
Concen: 17.925 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

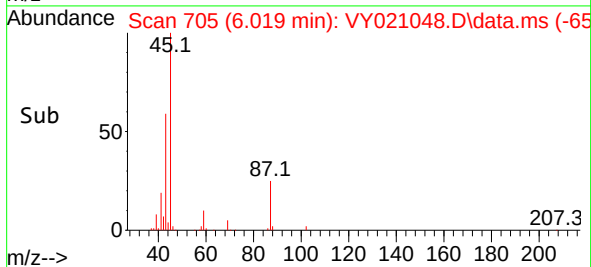
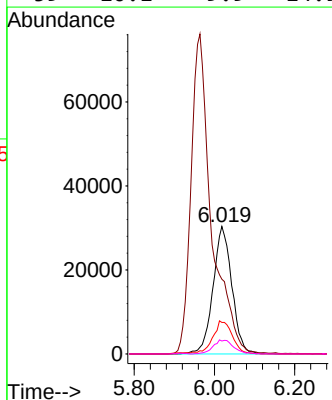
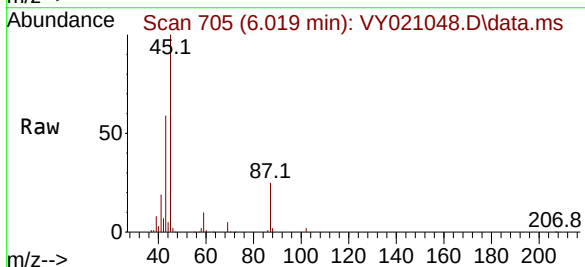
Instrument :
MSVOA_Y
ClientSampleId :

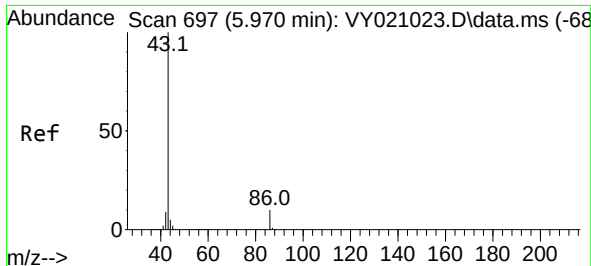
Tgt Ion: 96 Resp: 30051
Ion Ratio Lower Upper
96 100
61 144.5 104.6 156.8
98 59.8 50.9 76.3



#22
Diisopropyl ether
Concen: 18.712 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 45 Resp: 99002
Ion Ratio Lower Upper
45 100
43 58.1 46.8 70.2
87 24.7 22.2 33.2
59 10.1 9.9 14.9

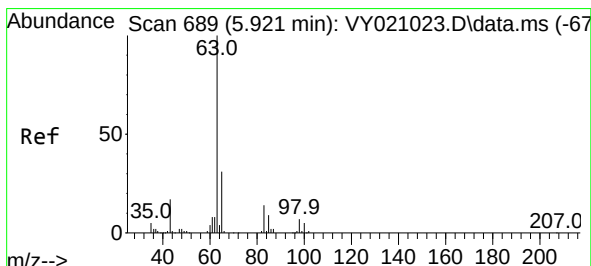
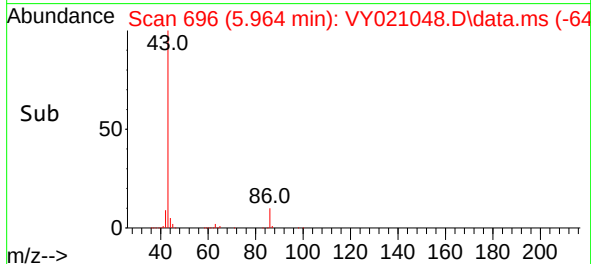
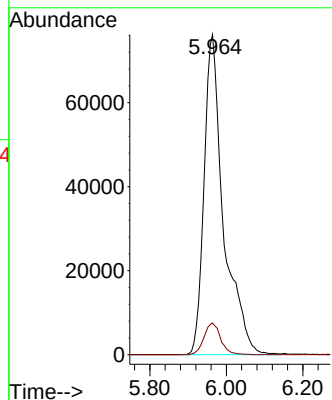
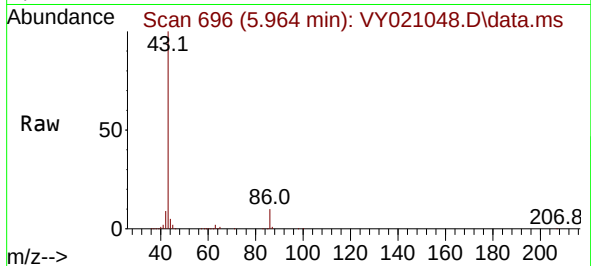




#23
 Vinyl Acetate
 Concen: 91.368 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

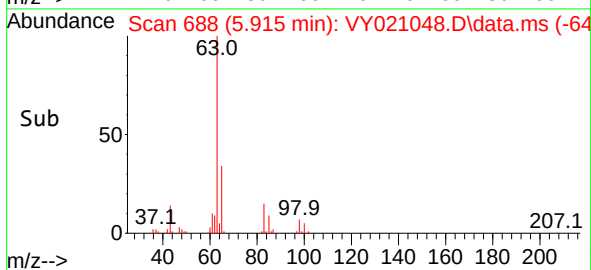
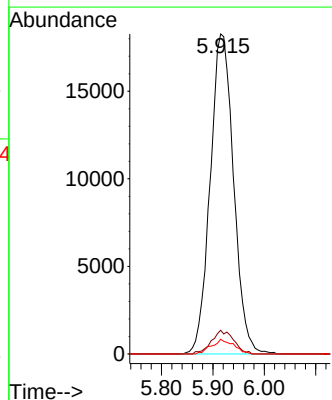
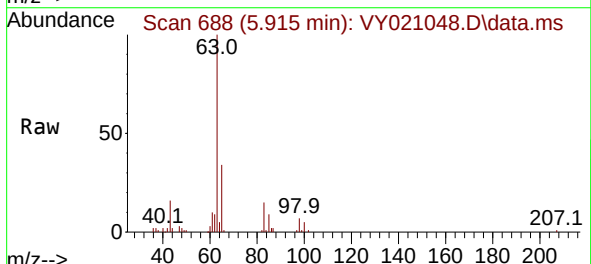
Instrument :
 MSVOA_Y
 ClientSampleId :

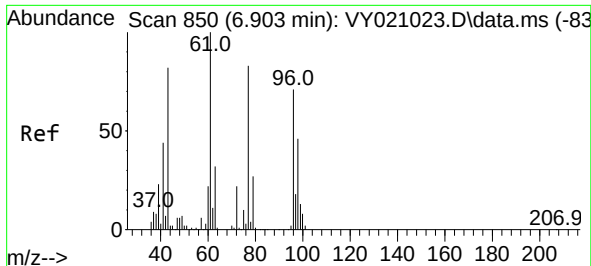
Tgt Ion: 43 Resp: 269489
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 18.638 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

Tgt Ion: 63 Resp: 57777
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 92.245 ug/l

RT: 6.897 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

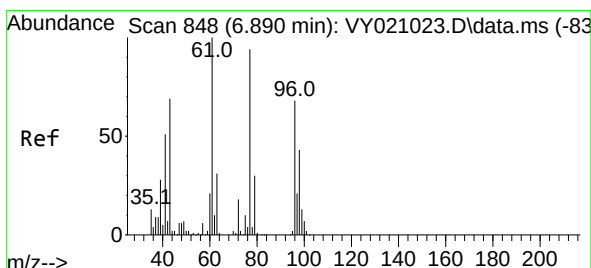
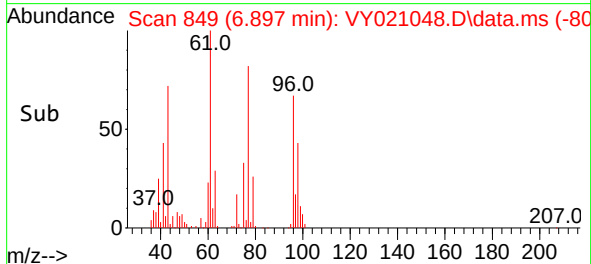
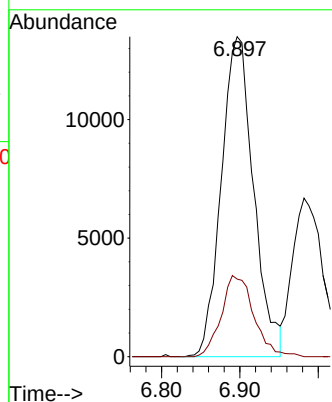
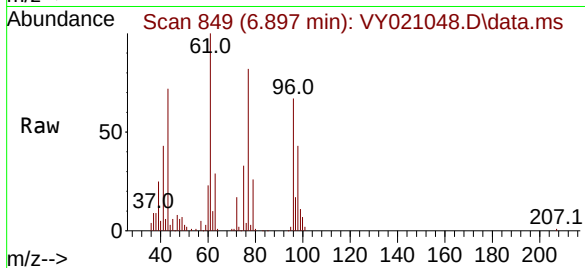
ClientSampleId :

Tgt Ion: 43 Resp: 38689

Ion Ratio Lower Upper

43 100

72 24.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.759 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021048.D

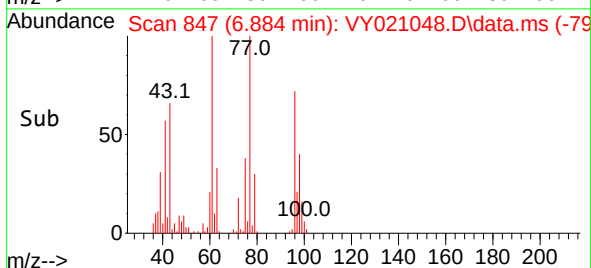
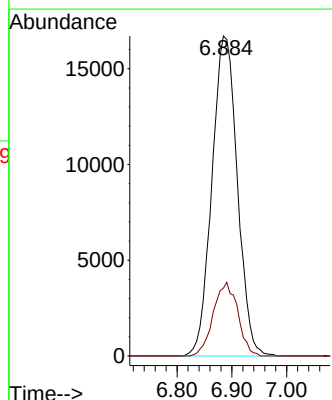
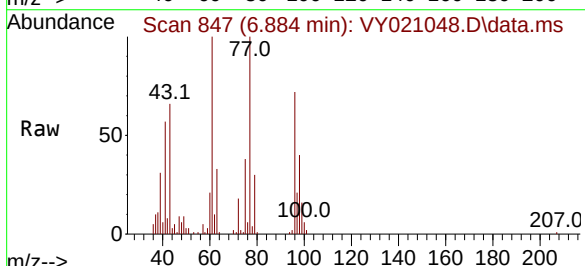
Acq: 04 Feb 2025 10:52

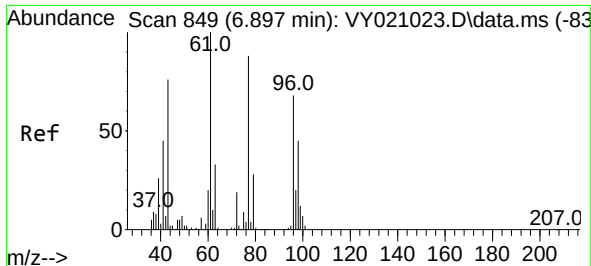
Tgt Ion: 77 Resp: 53805

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.330 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

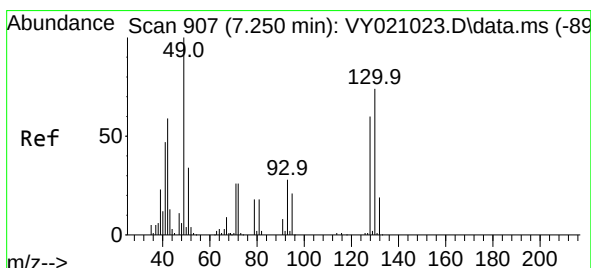
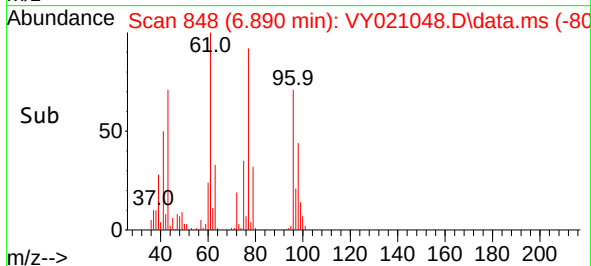
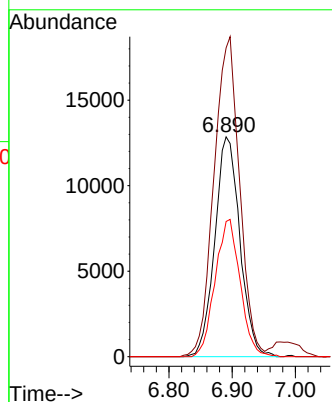
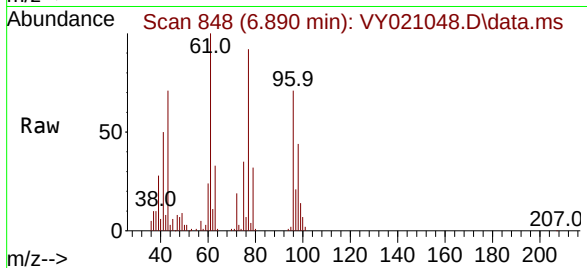
Tgt Ion: 96 Resp: 35371

Ion Ratio Lower Upper

96 100

61 148.5 0.0 278.8

98 62.4 0.0 127.0



#28

Bromochloromethane

Concen: 19.906 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

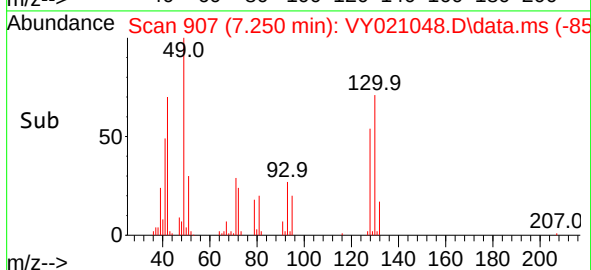
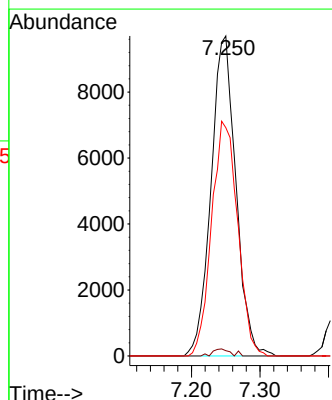
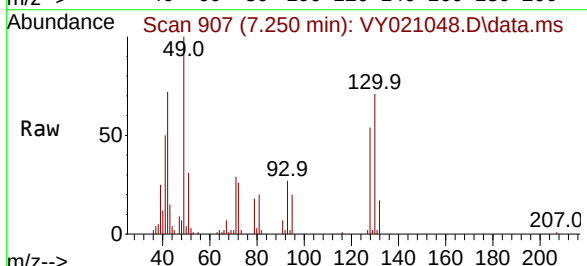
Tgt Ion: 49 Resp: 24400

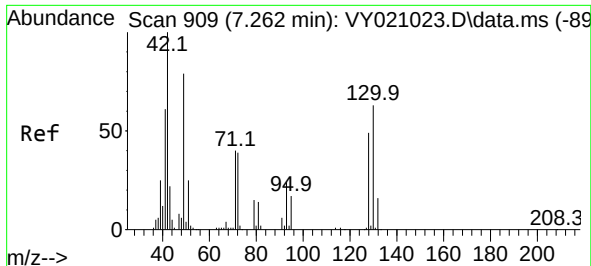
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 76.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 91.585 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021048.D

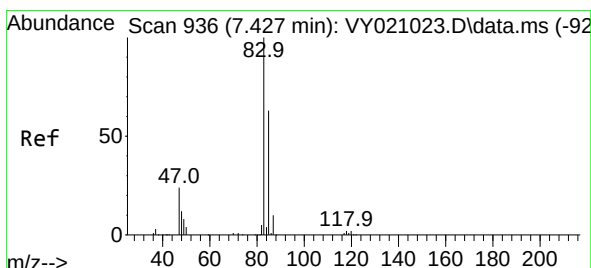
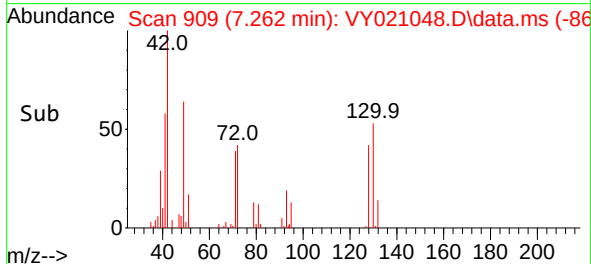
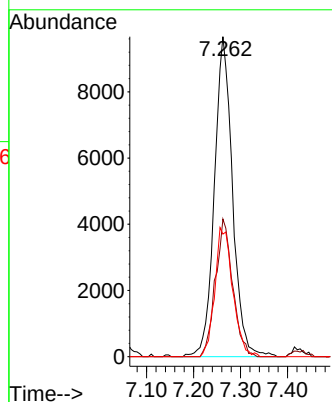
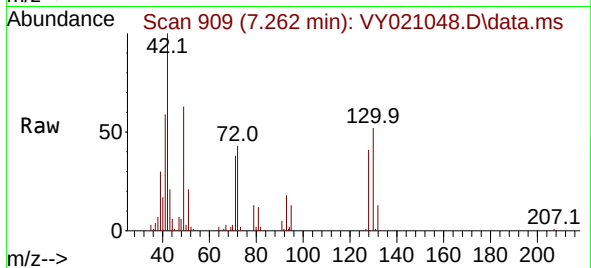
Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	25992
Ion	Ratio	Lower	Upper
42	100		
72	40.8	36.6	54.8
71	39.7	33.8	50.6



#30

Chloroform

Concen: 18.488 ug/l

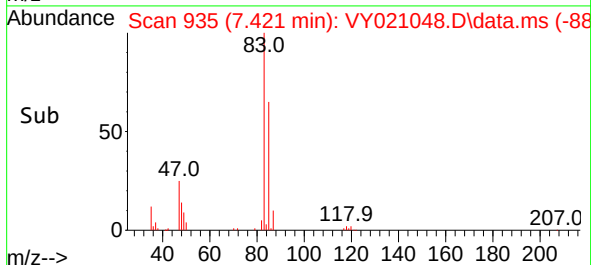
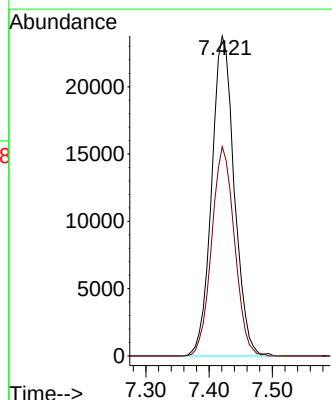
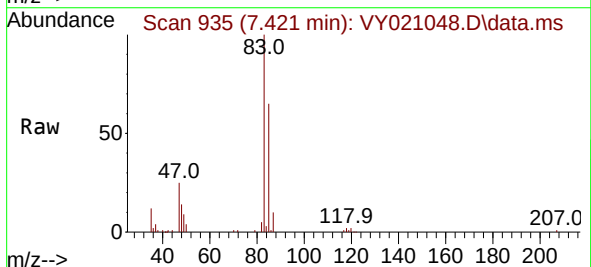
RT: 7.421 min Scan# 935

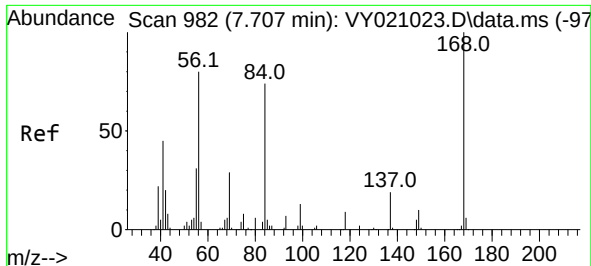
Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

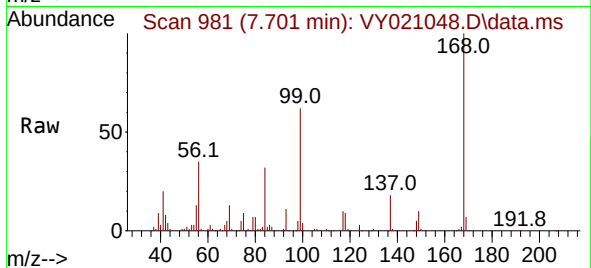
Tgt Ion:	83	Resp:	58868
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8



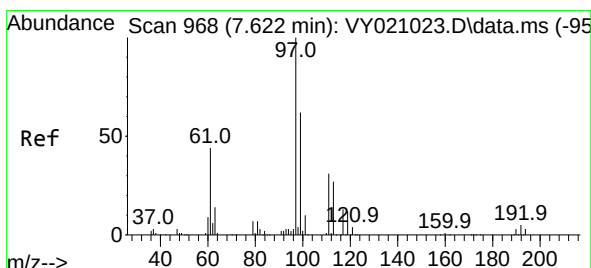
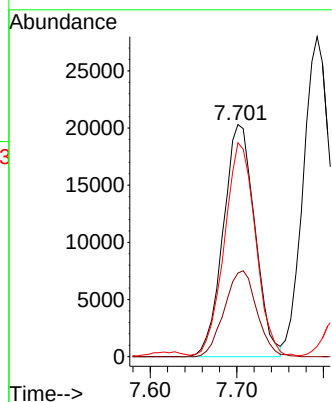
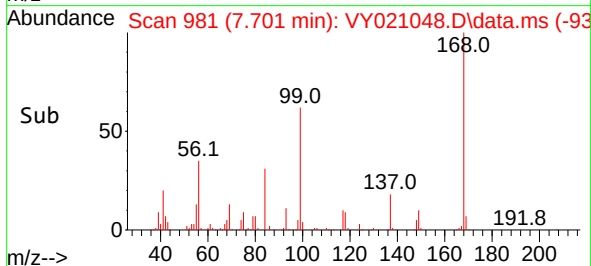


#31
Cyclohexane
Concen: 18.469 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

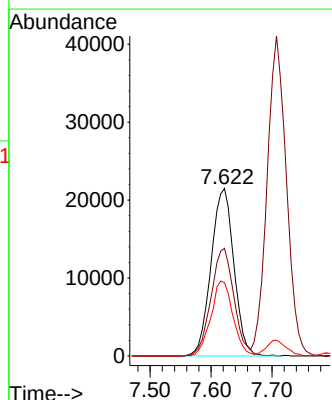
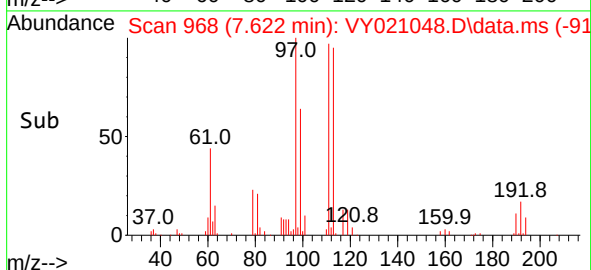
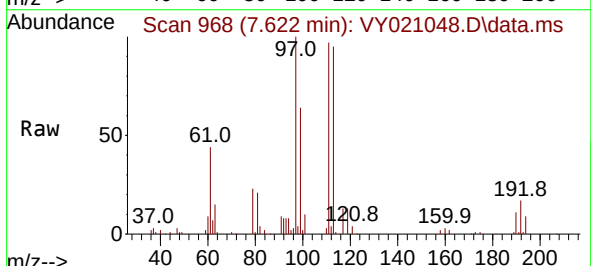


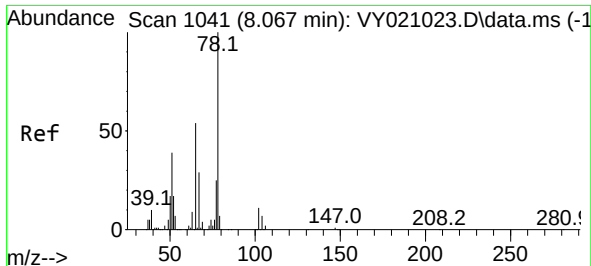
Tgt Ion: 56 Resp: 51555
Ion Ratio Lower Upper
56 100
69 36.0 27.0 40.6
84 90.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.893 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 97 Resp: 55929
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 43.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 44.323 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

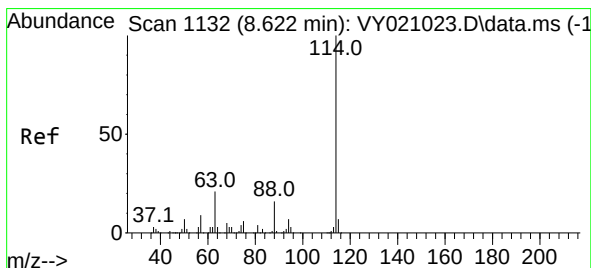
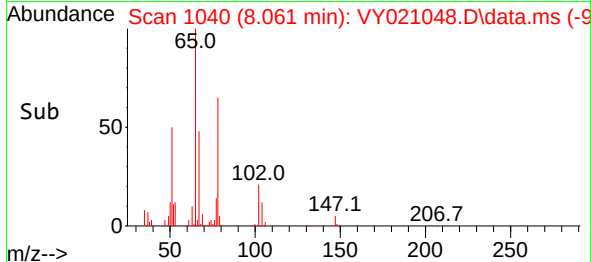
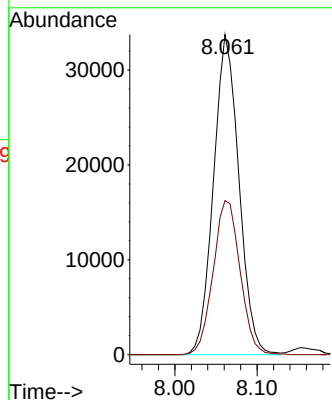
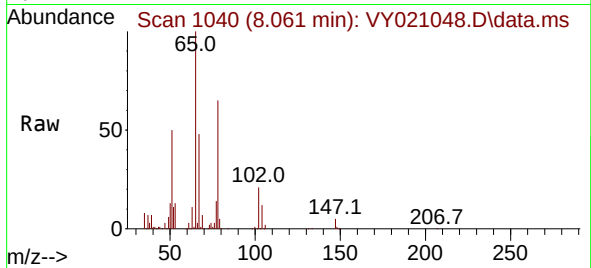
ClientSampleId :

Tgt Ion: 65 Resp: 72541

Ion Ratio Lower Upper

65 100

67 51.0 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: VY021048.D

Acq: 04 Feb 2025 10:52

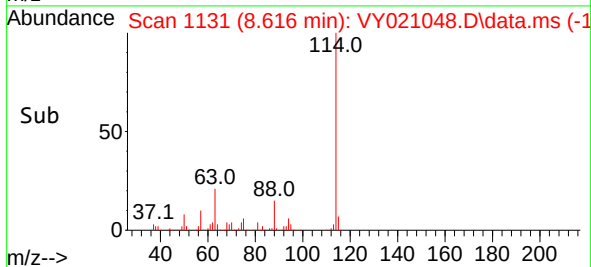
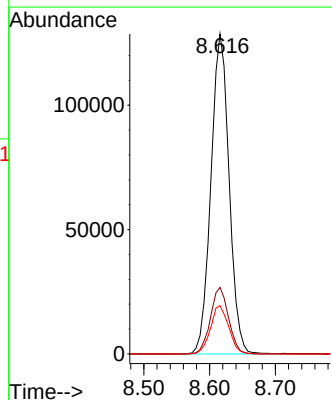
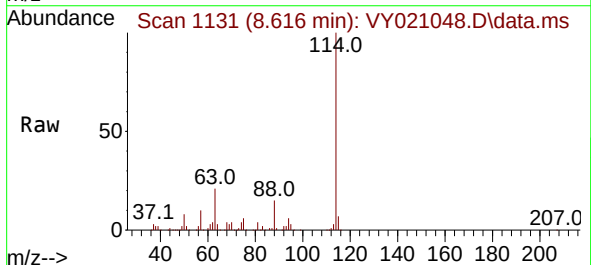
Tgt Ion:114 Resp: 247448

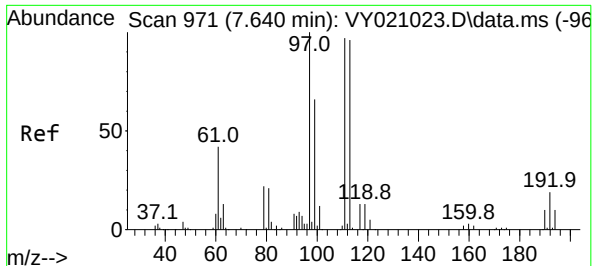
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

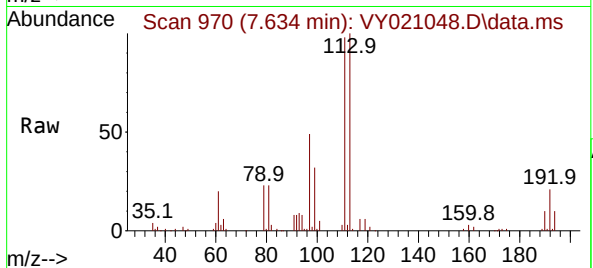
88 15.1 0.0 29.0



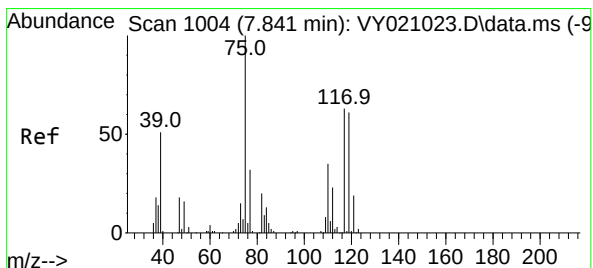
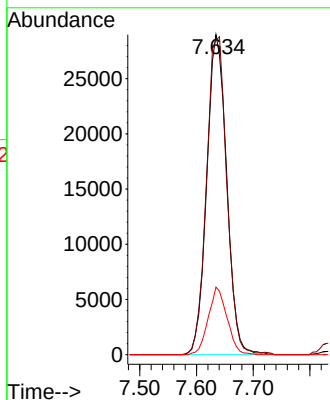
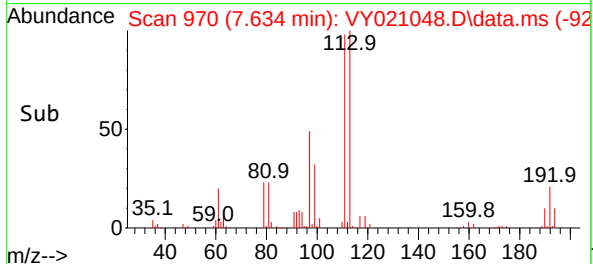


#35
Dibromofluoromethane
Concen: 44.595 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

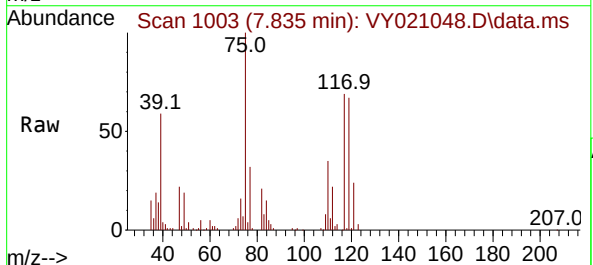
Instrument :
MSVOA_Y
ClientSampleId :



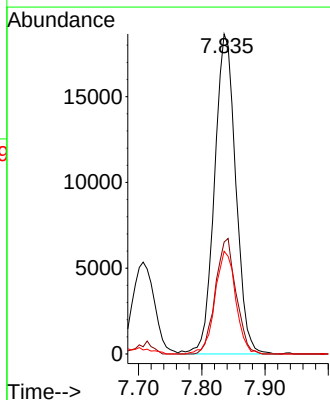
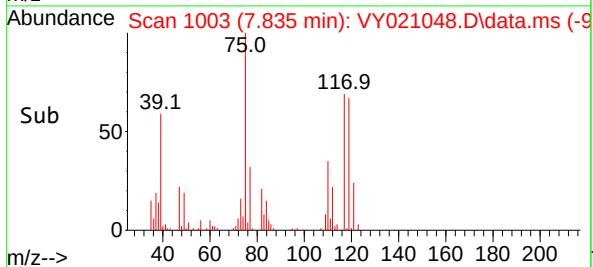
Tgt Ion:113 Resp: 70720
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.9 14.5 21.7

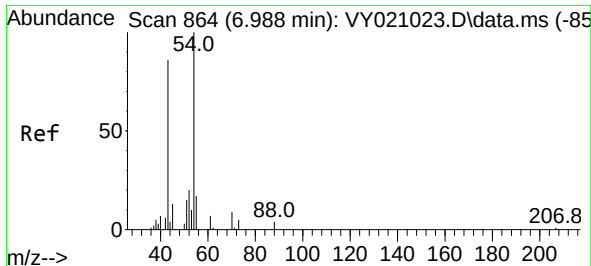


#36
1,1-Dichloropropene
Concen: 18.486 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52



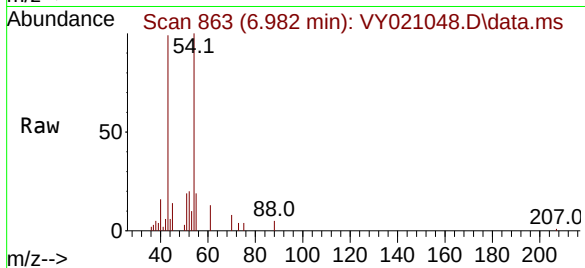
Tgt Ion: 75 Resp: 43422
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.3 24.7 37.1



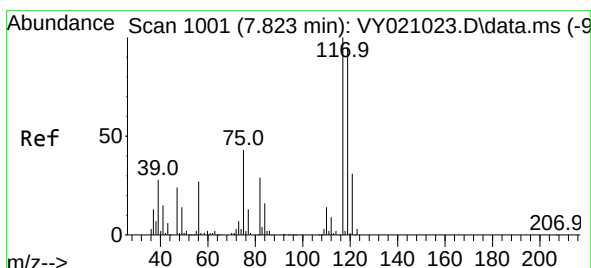
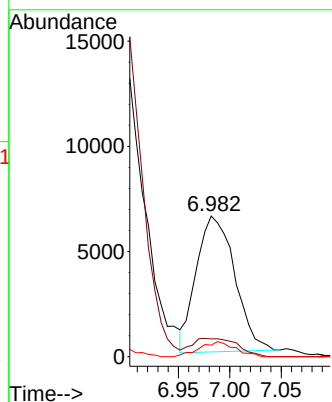
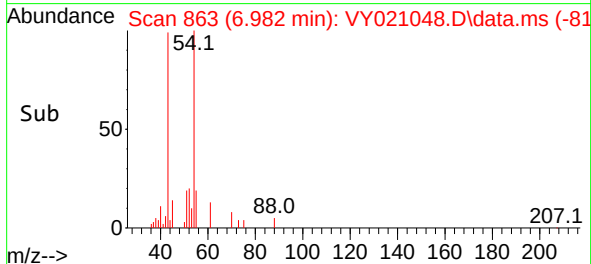


#37
Ethyl Acetate
Concen: 16.291 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

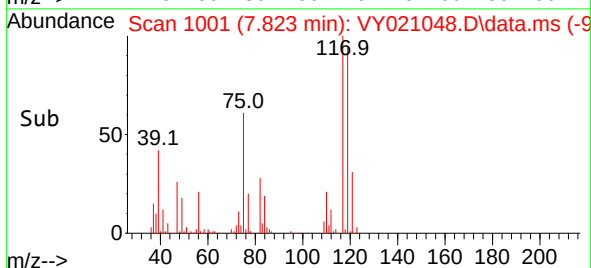
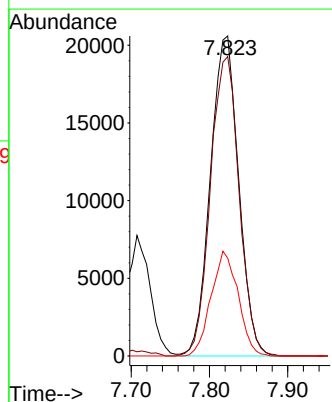
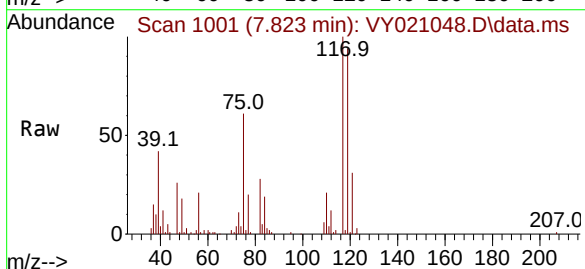


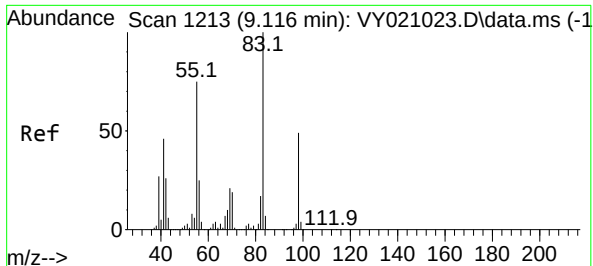
Tgt Ion: 43 Resp: 16787
Ion Ratio Lower Upper
43 100
61 16.2 11.0 16.6
70 10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.826 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 117 Resp: 51669
Ion Ratio Lower Upper
117 100
119 93.6 76.0 114.0
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 18.368 ug/l

RT: 9.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

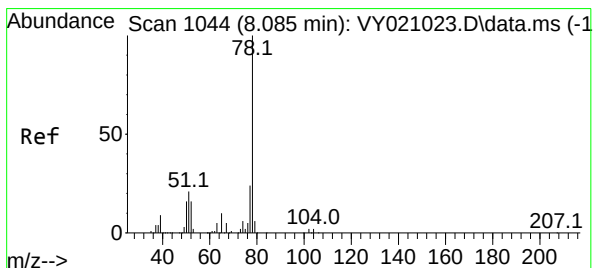
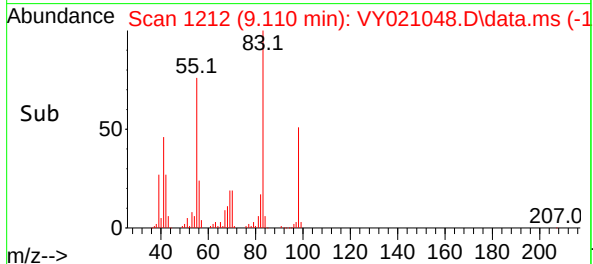
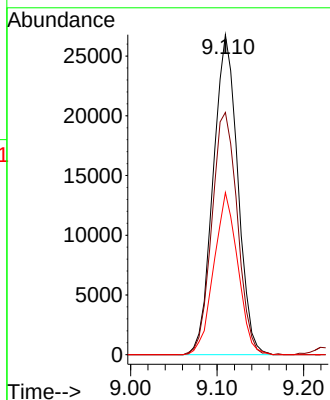
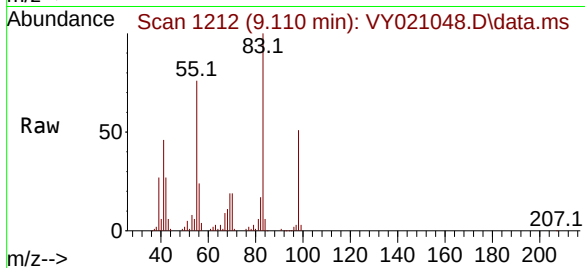
Tgt Ion: 83 Resp: 52772

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 50.7 38.0 57.0



#40

Benzene

Concen: 18.531 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021048.D

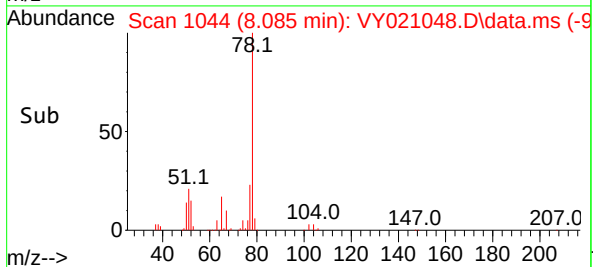
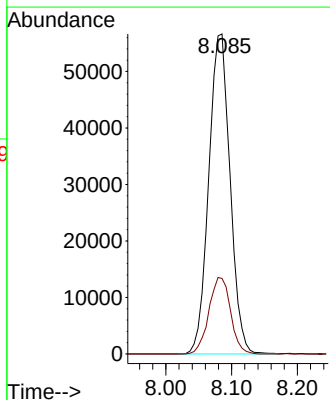
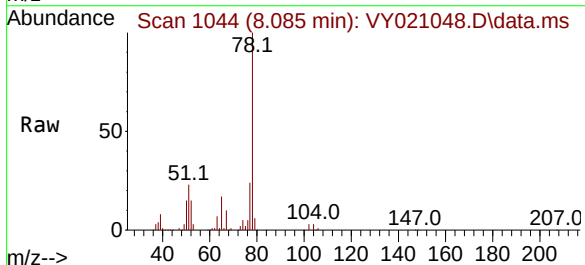
Acq: 04 Feb 2025 10:52

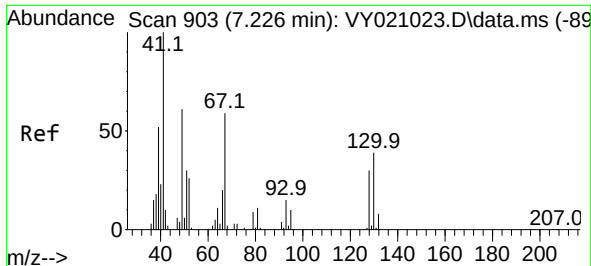
Tgt Ion: 78 Resp: 127737

Ion Ratio Lower Upper

78 100

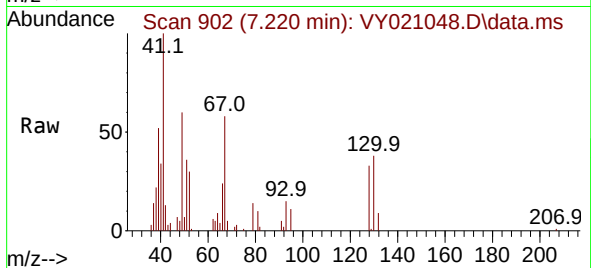
77 23.6 18.8 28.2



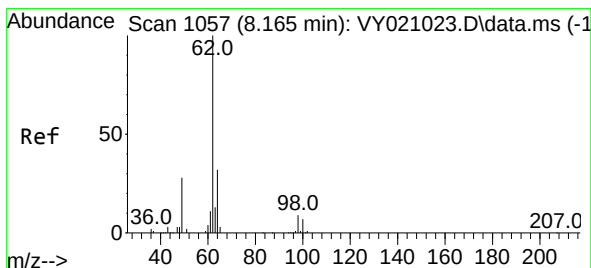
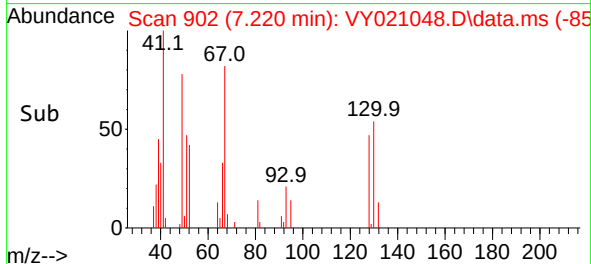
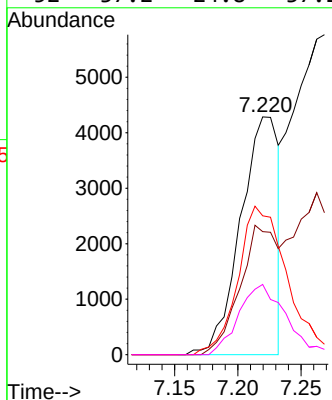


#41
Methacrylonitrile
Concen: 15.055 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

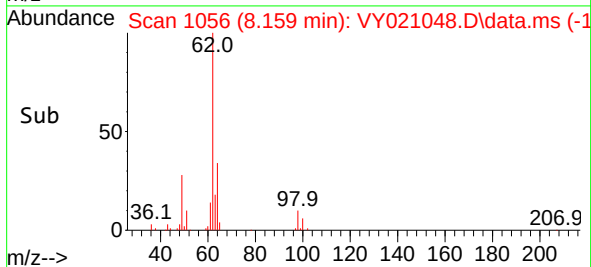
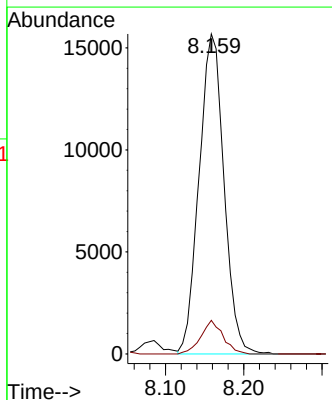
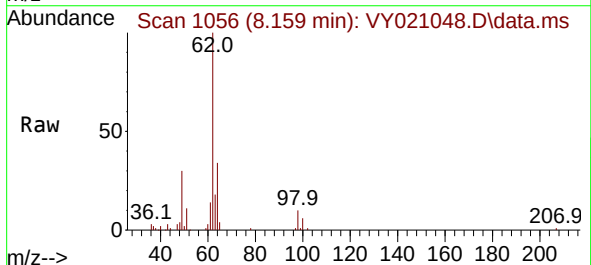


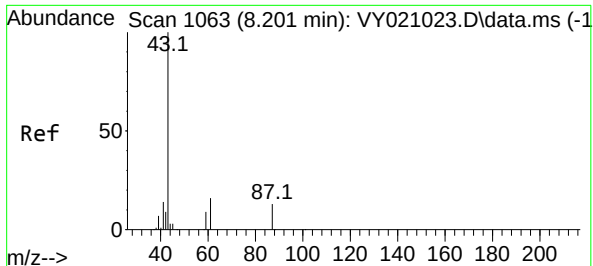
Tgt Ion:	41	Resp:	8975
Ion Ratio	Lower	Upper	
41	100		
39	53.1	41.9	62.9
67	81.4	59.8	89.6
52	37.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 18.127 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

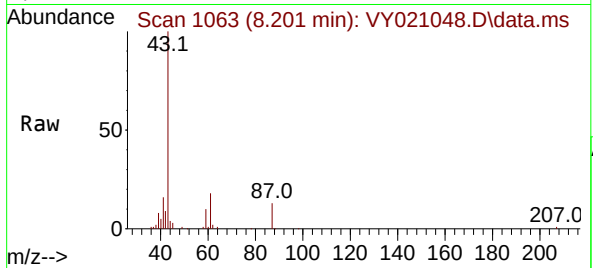
Tgt Ion:	62	Resp:	34662
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	20.2



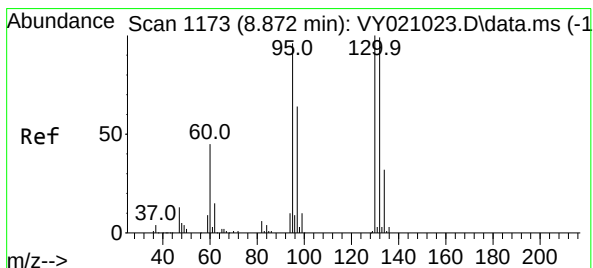
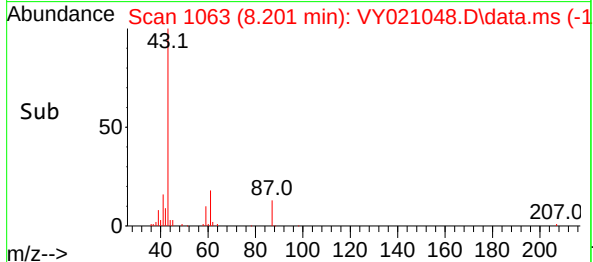
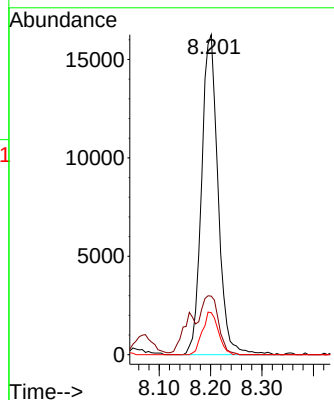


#43
Isopropyl Acetate
Concen: 17.647 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

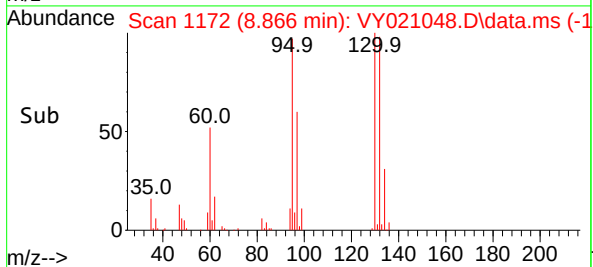
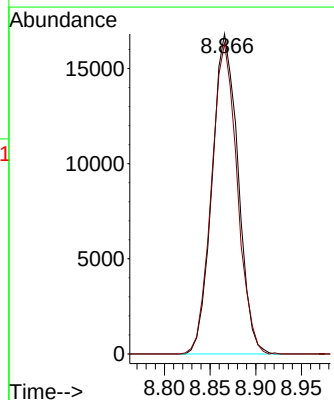
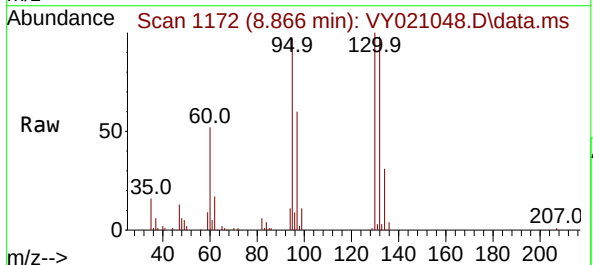


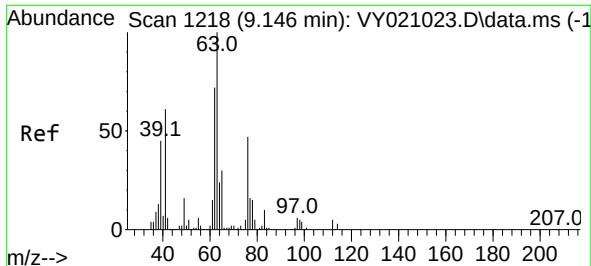
Tgt Ion: 43 Resp: 36132
Ion Ratio Lower Upper
43 100
61 20.1 24.8 37.2#
87 12.9 10.7 16.1



#44
Trichloroethene
Concen: 18.593 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion:130 Resp: 33112
Ion Ratio Lower Upper
130 100
95 97.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.064 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

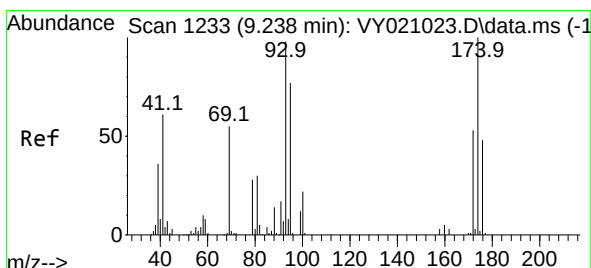
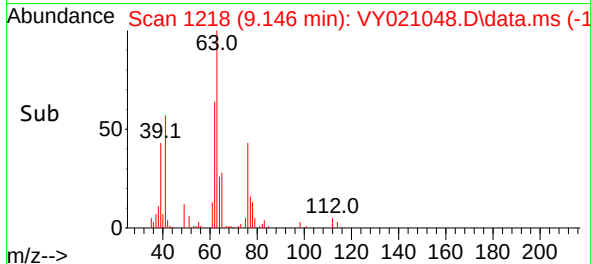
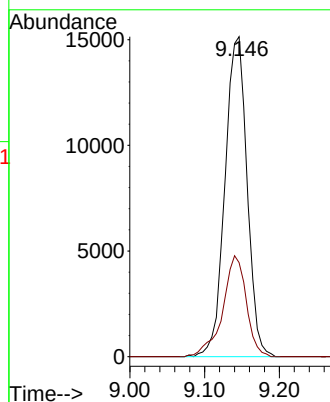
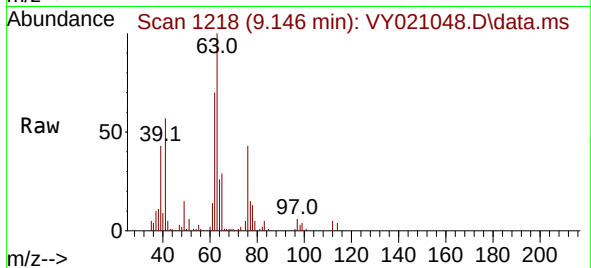
ClientSampleId :

Tgt Ion: 63 Resp: 31191

Ion Ratio Lower Upper

63 100

65 29.4 24.6 36.8



#46

Dibromomethane

Concen: 18.543 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

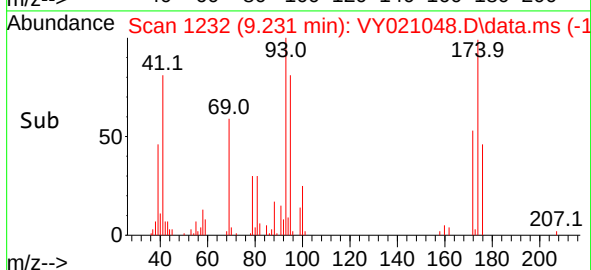
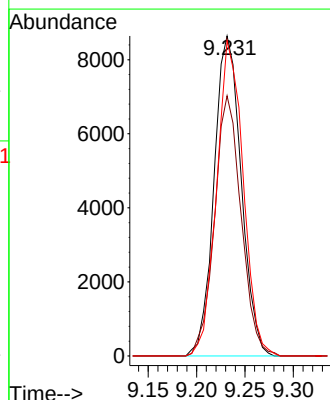
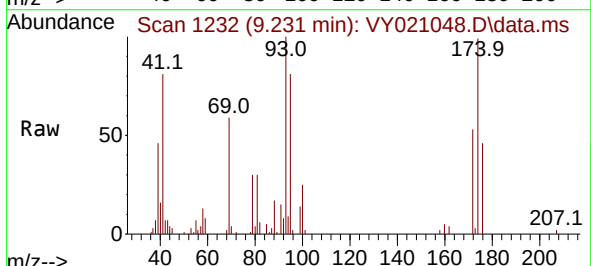
Tgt Ion: 93 Resp: 16797

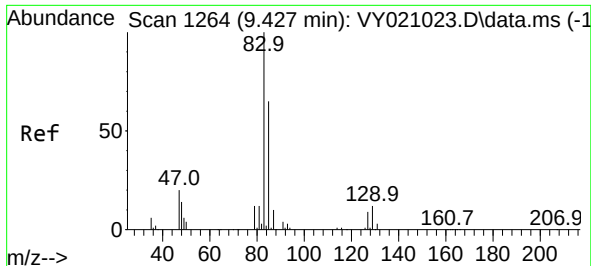
Ion Ratio Lower Upper

93 100

95 79.9 66.6 99.8

174 96.9 73.8 110.6

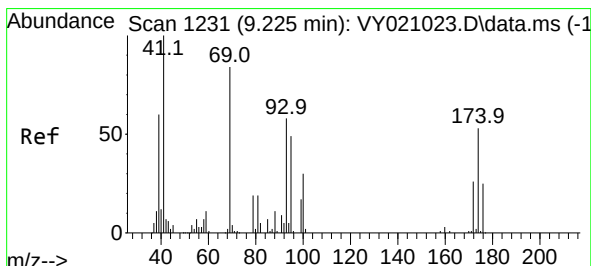
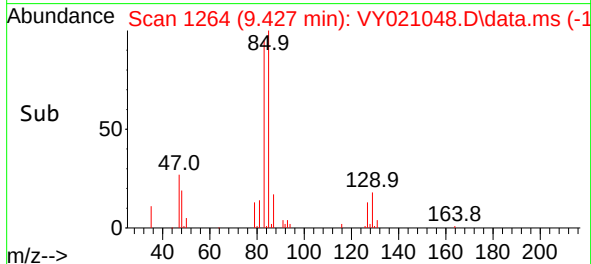
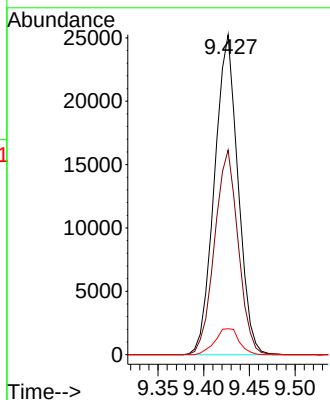
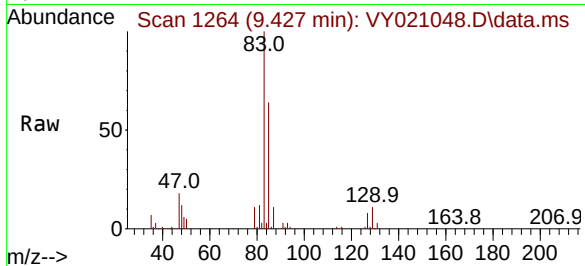




#47
Bromodichloromethane
Concen: 18.630 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

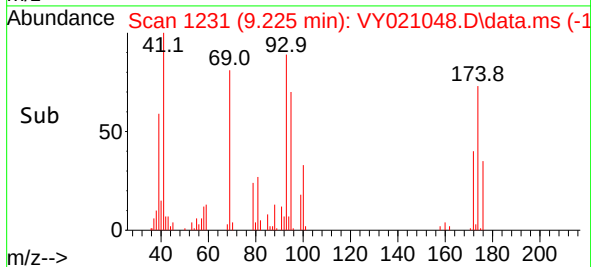
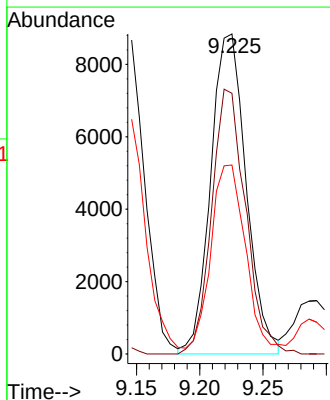
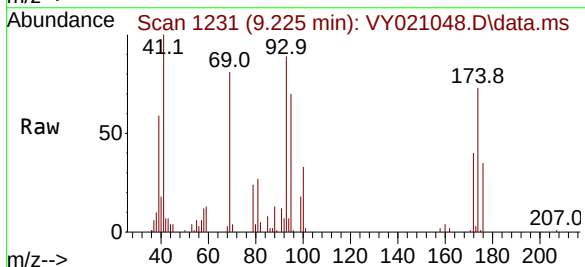
Instrument :
MSVOA_Y
ClientSampleId :

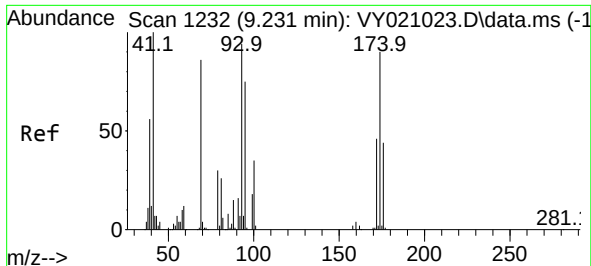
Tgt Ion: 83 Resp: 45261
Ion Ratio Lower Upper
83 100
85 64.0 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 18.502 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 41 Resp: 17256
Ion Ratio Lower Upper
41 100
69 79.1 72.1 108.1
39 55.3 42.8 64.2





#49

1,4-Dioxane

Concen: 364.763 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

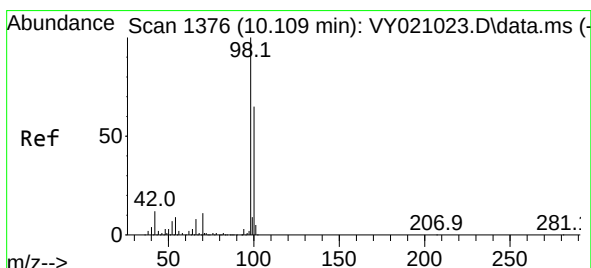
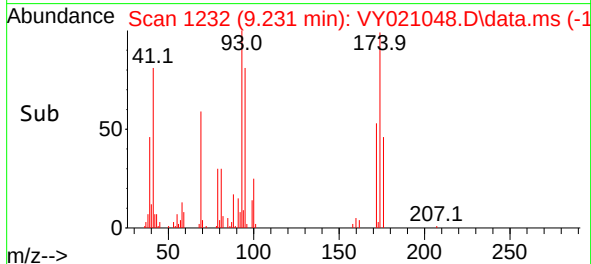
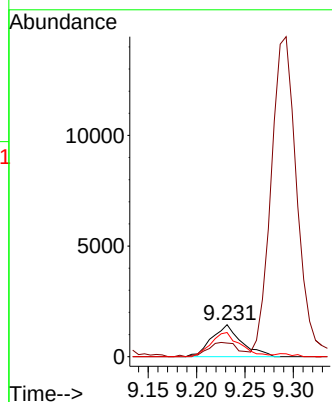
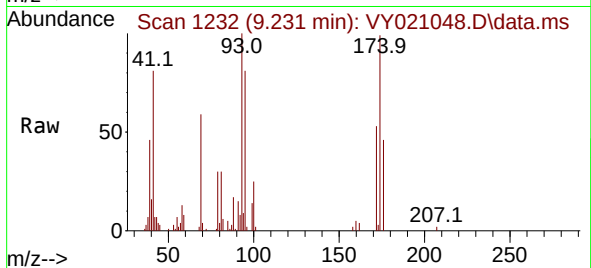
Tgt Ion: 88 Resp: 3076

Ion Ratio Lower Upper

88 100

43 47.5 28.2 42.4#

58 74.4 52.2 78.2



#50

Toluene-d8

Concen: 45.354 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021048.D

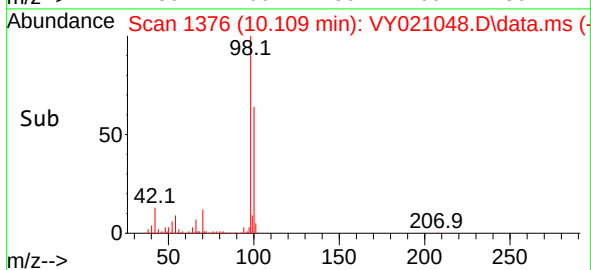
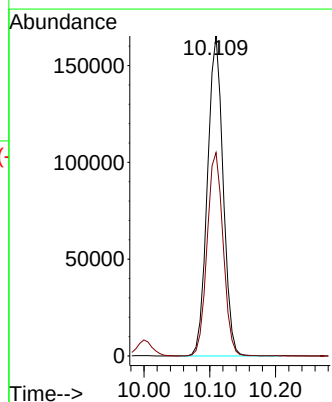
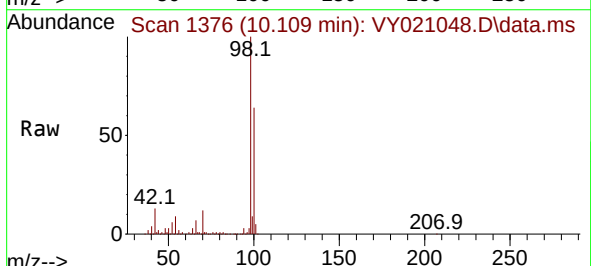
Acq: 04 Feb 2025 10:52

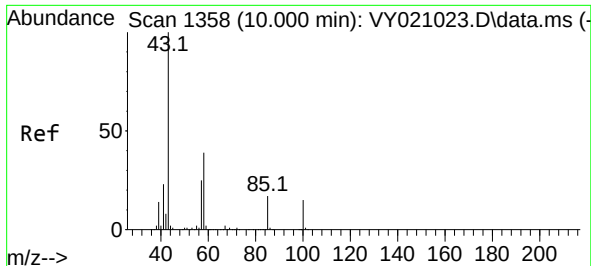
Tgt Ion: 98 Resp: 273816

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

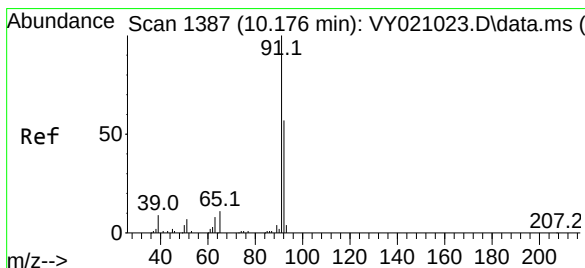
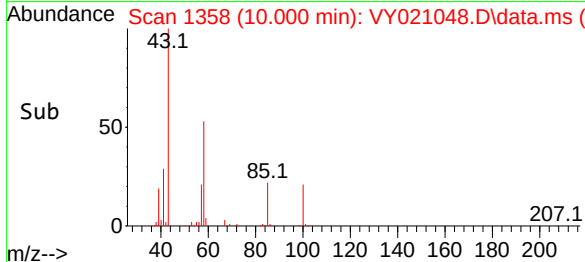
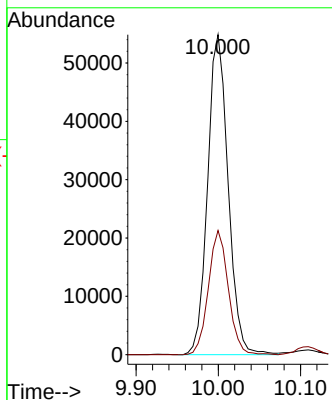
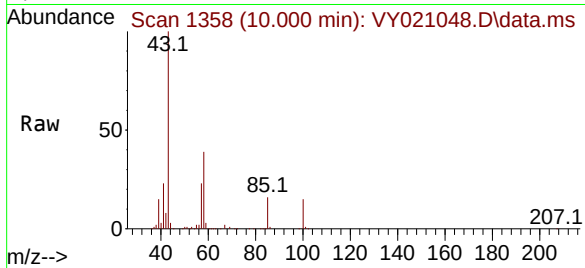




#51
4-Methyl-2-Pentanone
Concen: 92.378 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

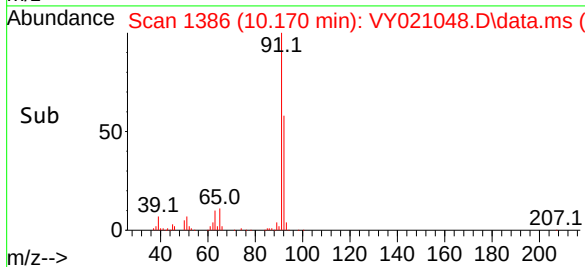
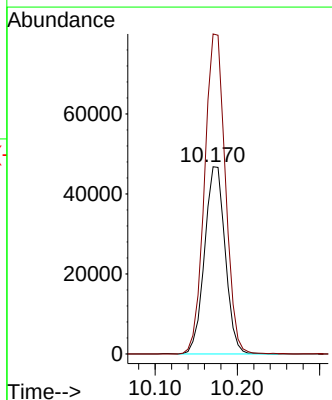
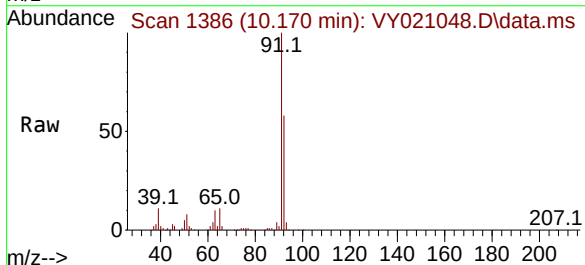
Instrument :
MSVOA_Y
ClientSampleId :

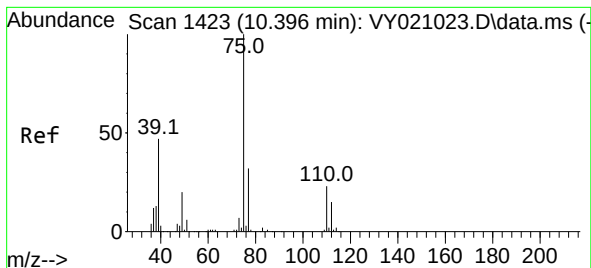
Tgt Ion: 43 Resp: 95113
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.2



#52
Toluene
Concen: 18.861 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 92 Resp: 81634
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

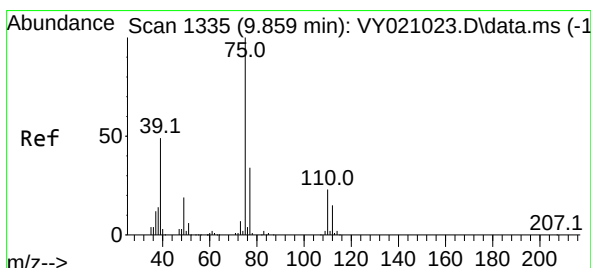
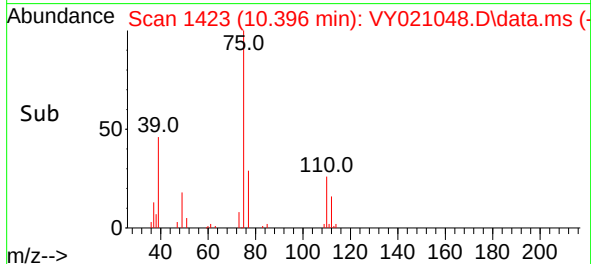
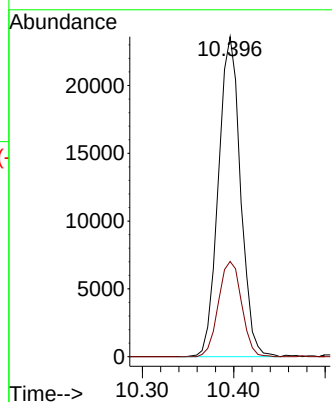
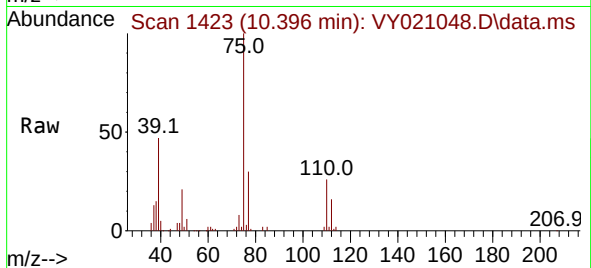




#53
 t-1,3-Dichloropropene
 Concen: 18.243 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

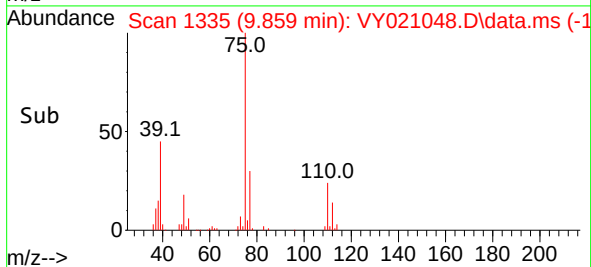
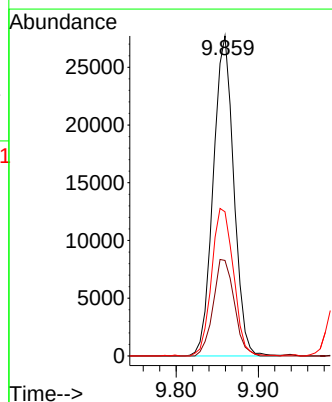
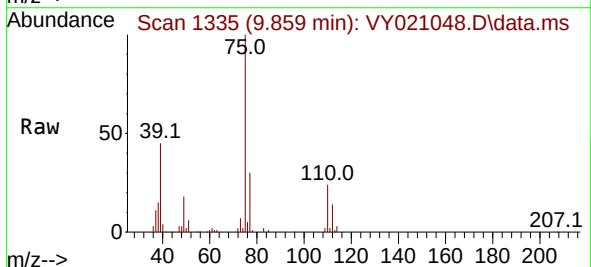
Instrument :
 MSVOA_Y
 ClientSampleId :

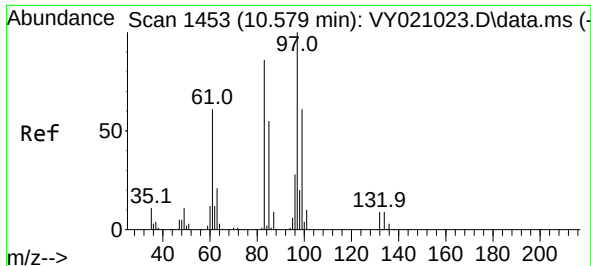
Tgt Ion: 75 Resp: 39796
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.596 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

Tgt Ion: 75 Resp: 48033
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 36.8
 39 45.1 33.6 50.4

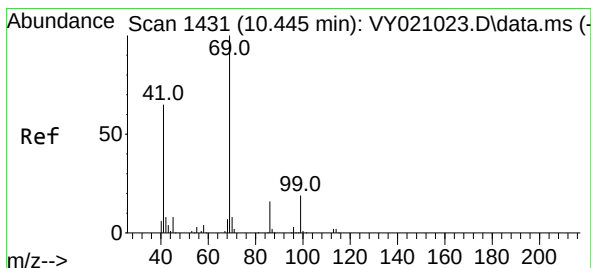
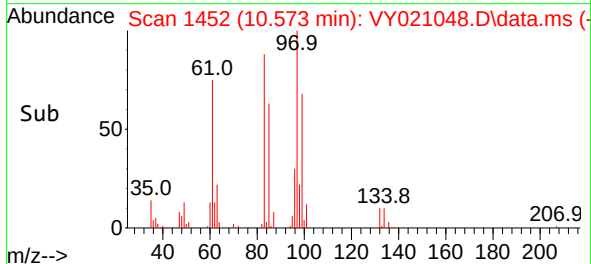
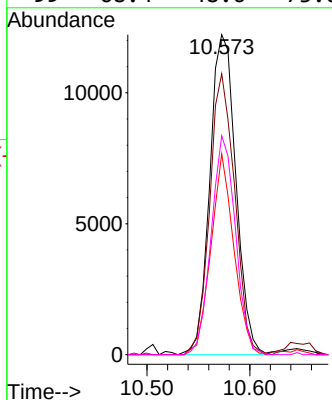
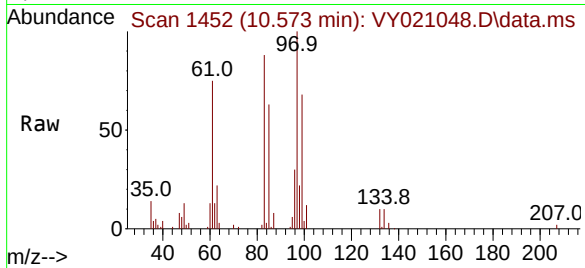




#55
1,1,2-Trichloroethane
Concen: 18.414 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

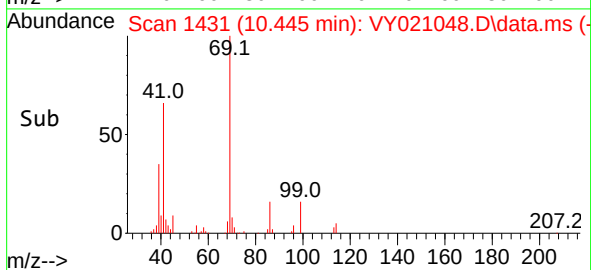
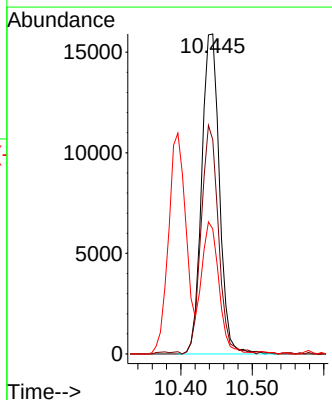
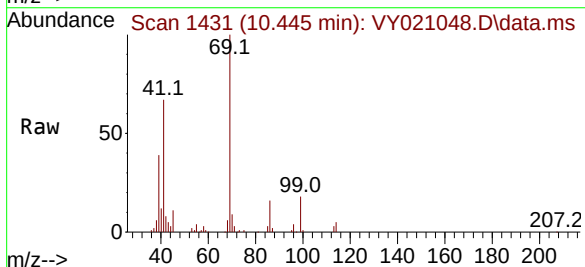
Instrument :
MSVOA_Y
ClientSampleId :

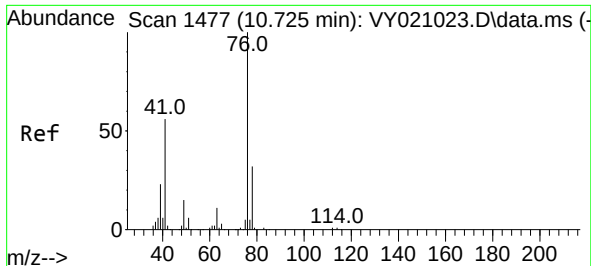
Tgt Ion: 97	Resp: 21600
Ion Ratio	Lower Upper
97 100	
83 87.8	69.4 104.2
85 62.7	43.9 65.9
99 68.4	48.6 73.0



#56
Ethyl methacrylate
Concen: 17.448 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 69	Resp: 27381
Ion Ratio	Lower Upper
69 100	
41 70.0	49.2 73.8
39 39.0	26.8 40.2





#57

1,3-Dichloropropane

Concen: 18.445 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

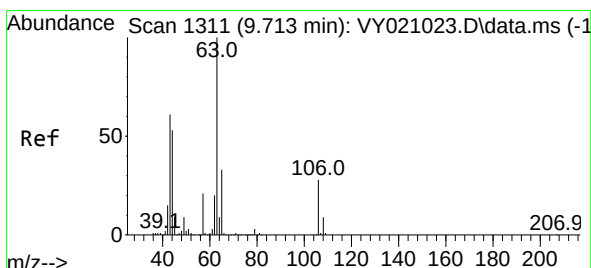
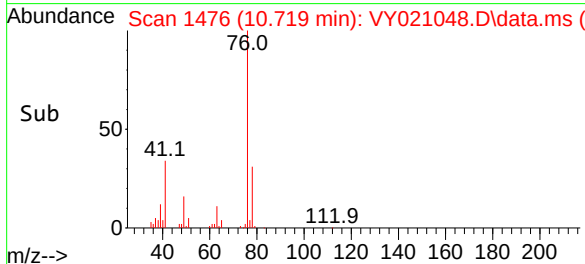
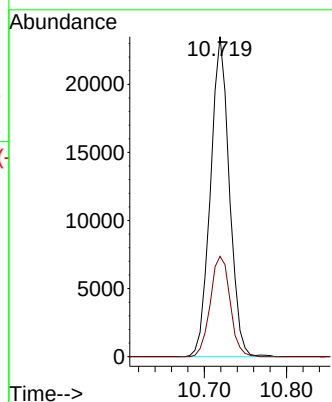
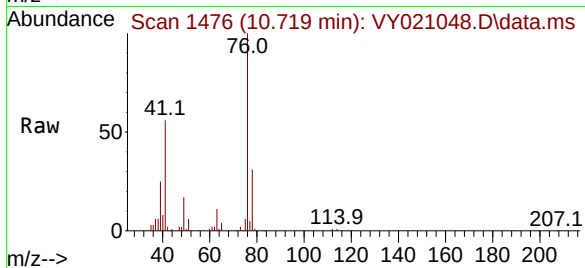
ClientSampleId :

Tgt Ion: 76 Resp: 37450

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 87.322 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021048.D

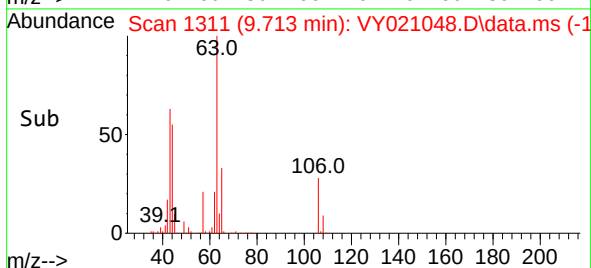
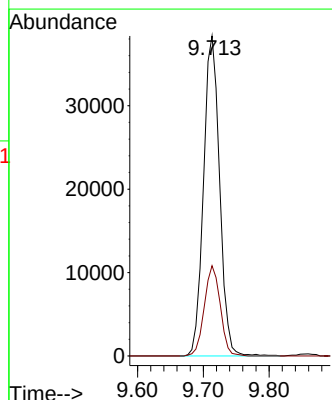
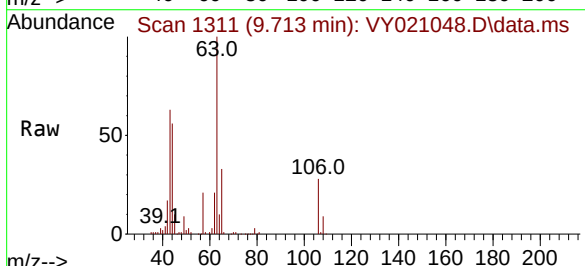
Acq: 04 Feb 2025 10:52

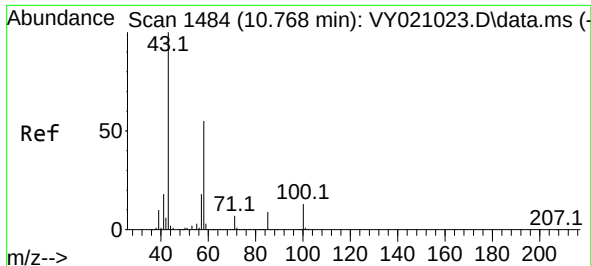
Tgt Ion: 63 Resp: 65192

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

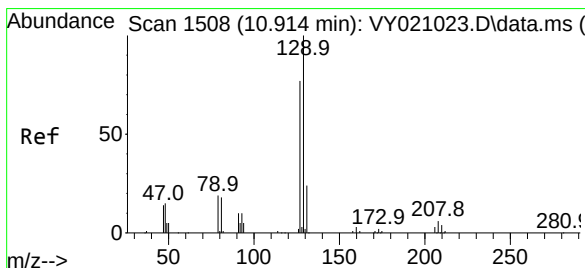
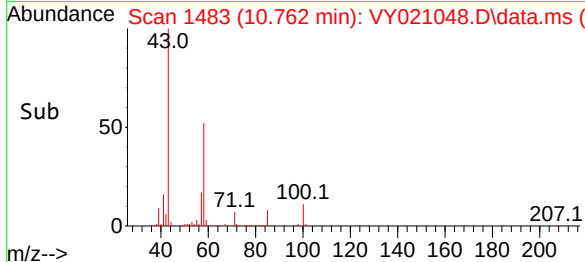
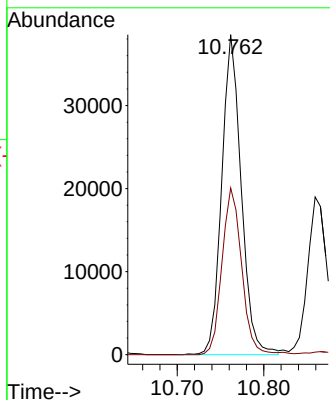
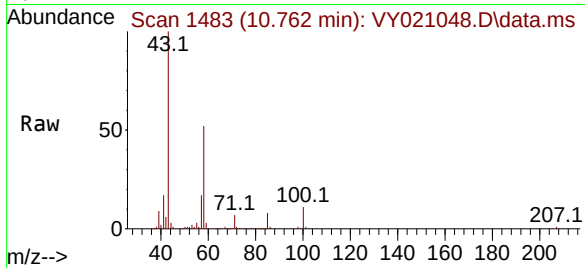




#59
2-Hexanone
Concen: 90.844 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

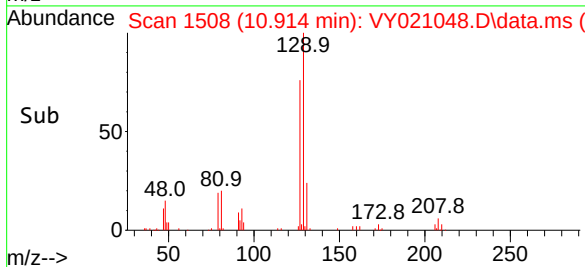
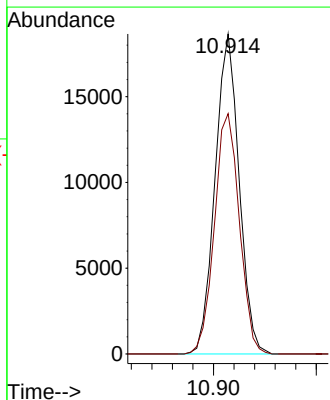
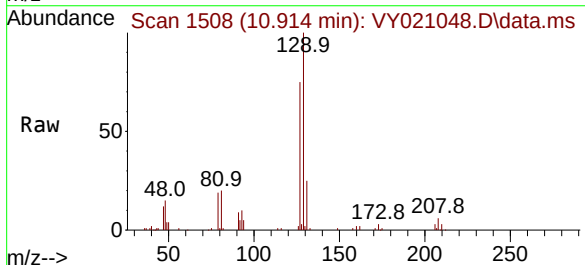
Instrument :
MSVOA_Y
ClientSampleId :

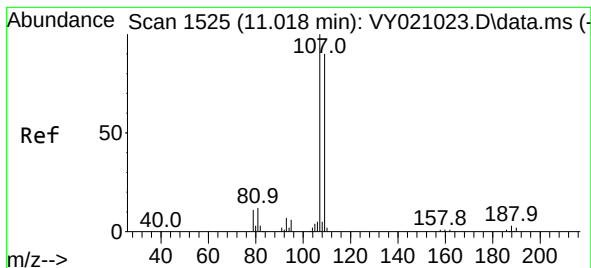
Tgt Ion: 43 Resp: 60223
Ion Ratio Lower Upper
43 100
58 52.7 28.1 84.3



#60
Dibromochloromethane
Concen: 18.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 129 Resp: 30226
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 17.800 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

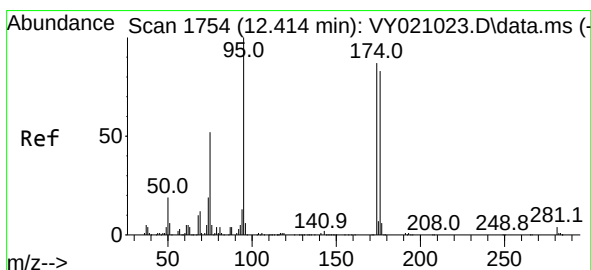
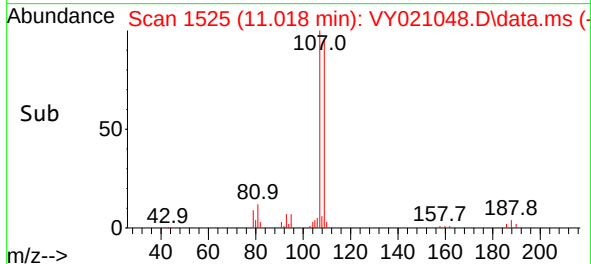
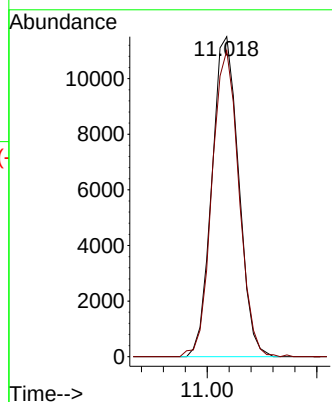
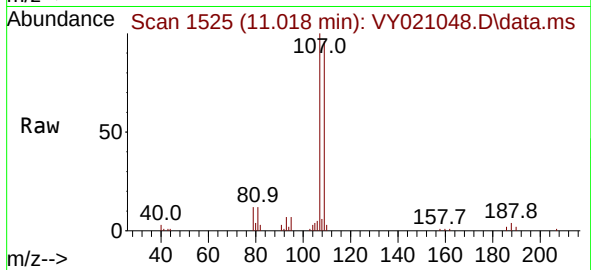
ClientSampleId :

Tgt Ion:107 Resp: 19558

Ion Ratio Lower Upper

107 100

109 96.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 45.028 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

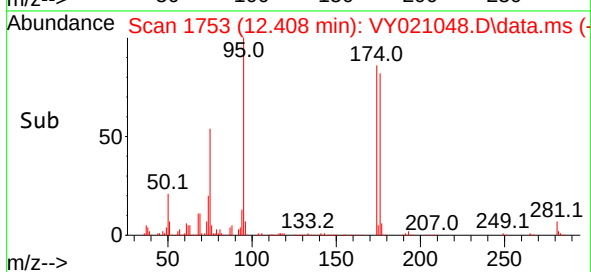
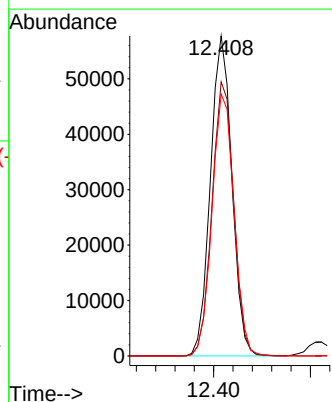
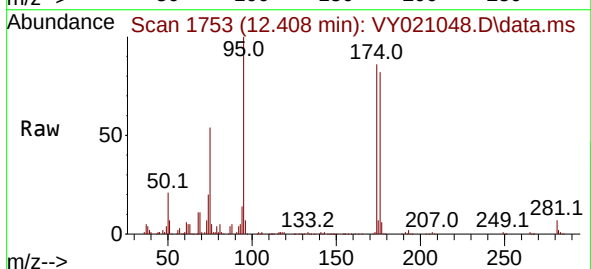
Tgt Ion: 95 Resp: 88811

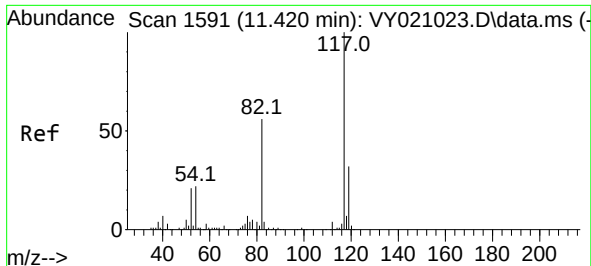
Ion Ratio Lower Upper

95 100

174 86.6 0.0 160.0

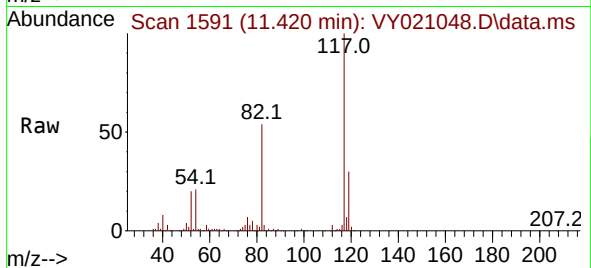
176 84.1 0.0 151.8



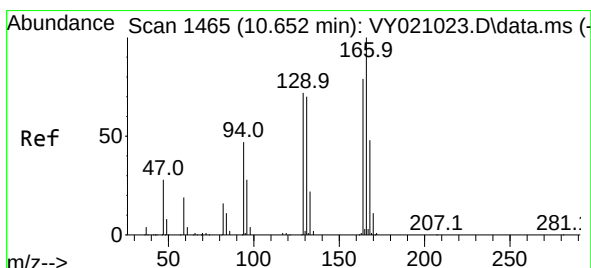
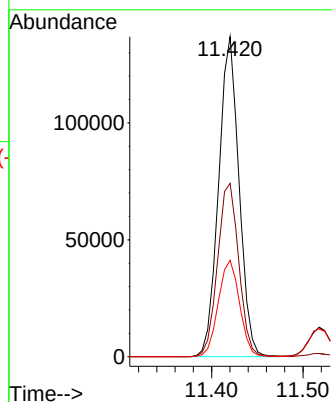
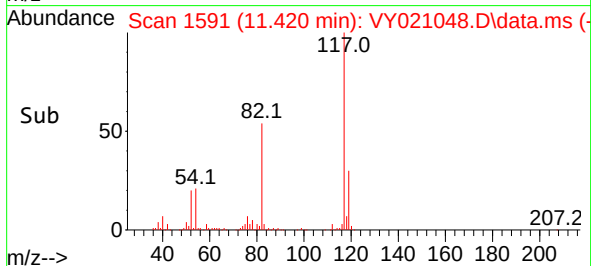


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

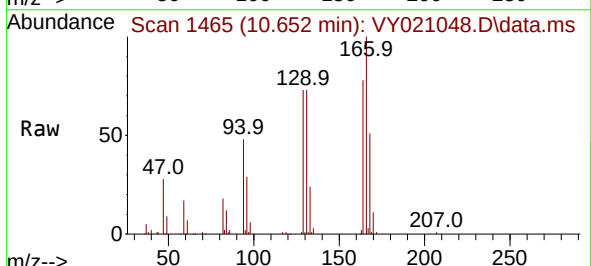
Instrument :
MSVOA_Y
ClientSampleId :



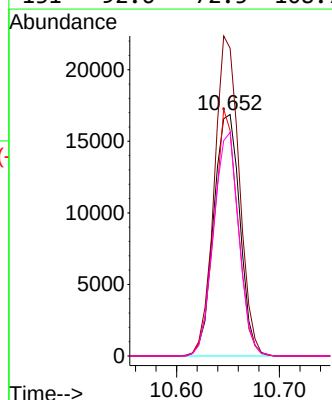
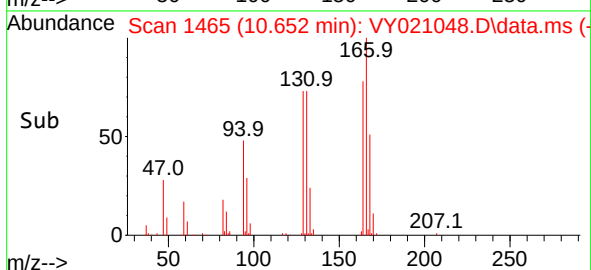
Tgt Ion:117 Resp: 212473
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 30.1 26.5 39.7

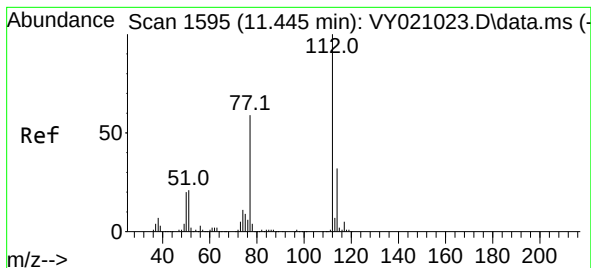


#64
Tetrachloroethene
Concen: 18.921 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52



Tgt Ion:164 Resp: 29844
Ion Ratio Lower Upper
164 100
166 127.5 98.8 148.2
129 93.4 78.9 118.3
131 92.6 72.5 108.7





#65

Chlorobenzene

Concen: 18.603 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

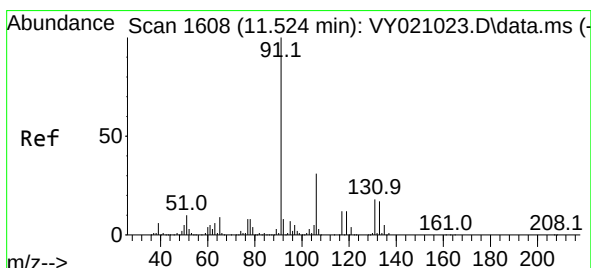
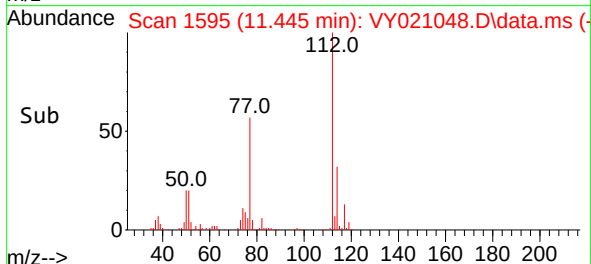
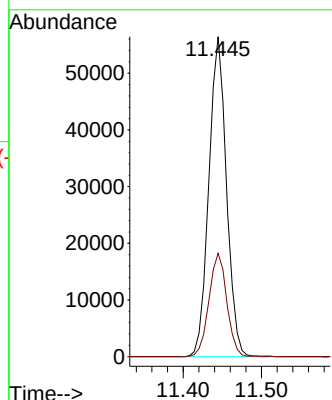
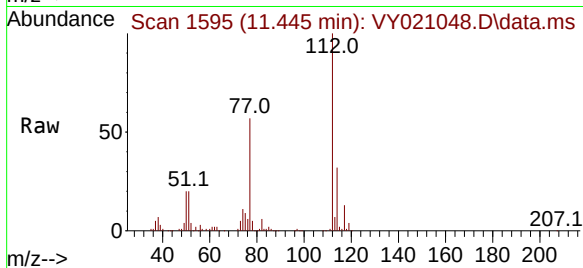
ClientSampleId :

Tgt Ion:112 Resp: 88014

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.699 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

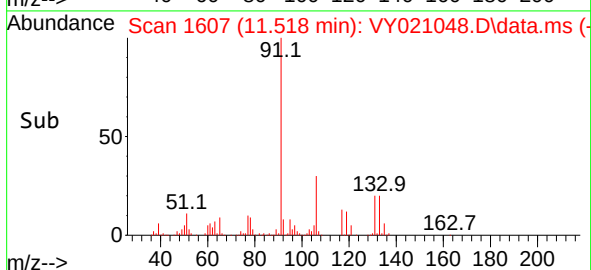
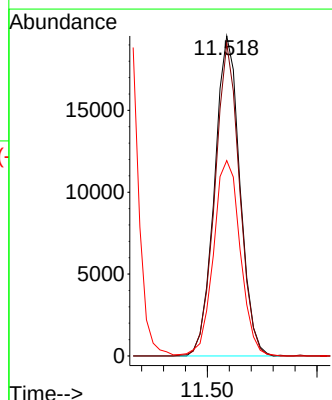
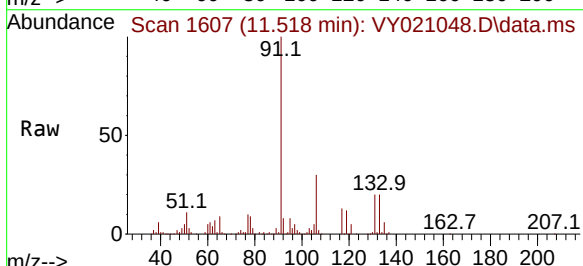
Tgt Ion:131 Resp: 31439

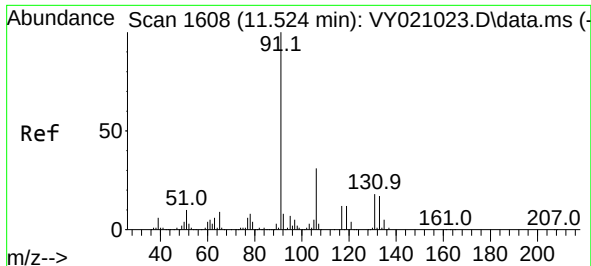
Ion Ratio Lower Upper

131 100

133 95.0 47.0 141.0

119 64.5 33.3 99.9





#67

Ethyl Benzene

Concen: 18.733 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

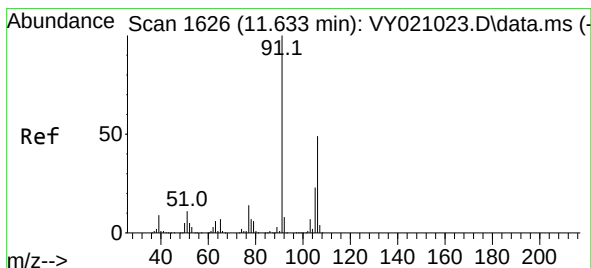
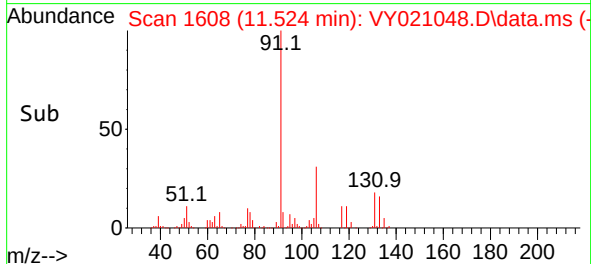
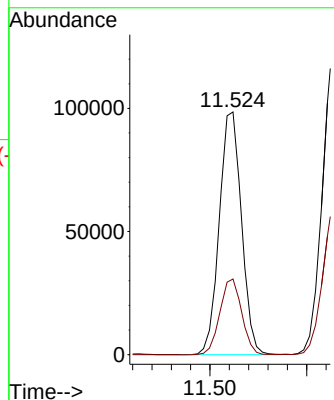
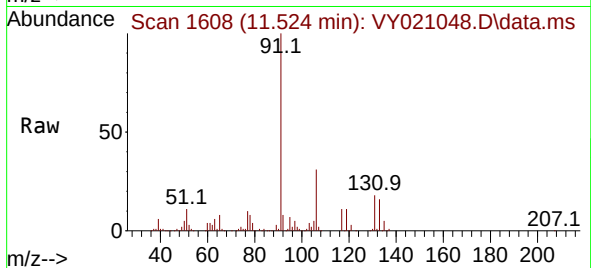
ClientSampleId :

Tgt Ion: 91 Resp: 156761

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 37.753 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021048.D

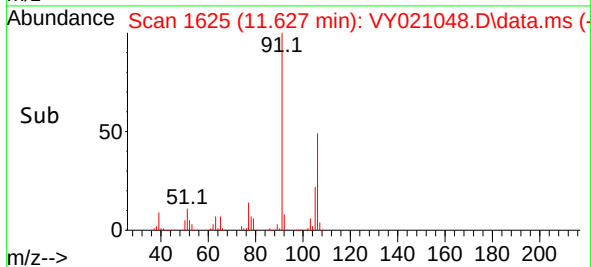
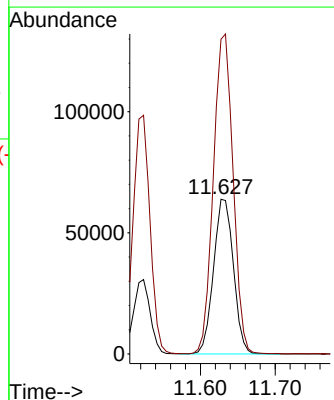
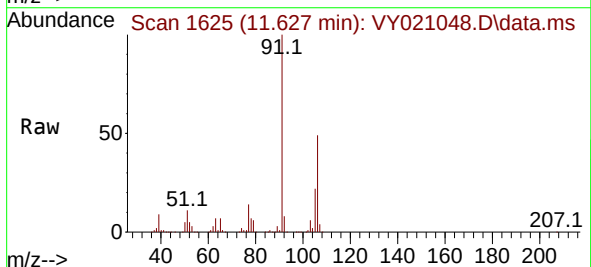
Acq: 04 Feb 2025 10:52

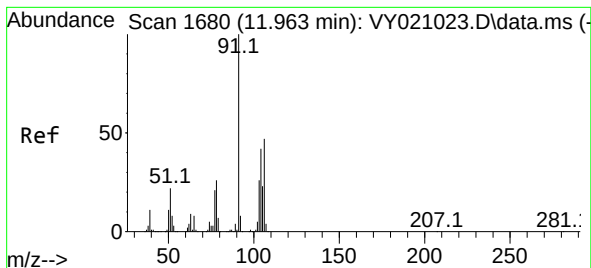
Tgt Ion: 106 Resp: 118185

Ion Ratio Lower Upper

106 100

91 204.9 160.7 241.1





#69

o-Xylene

Concen: 18.569 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

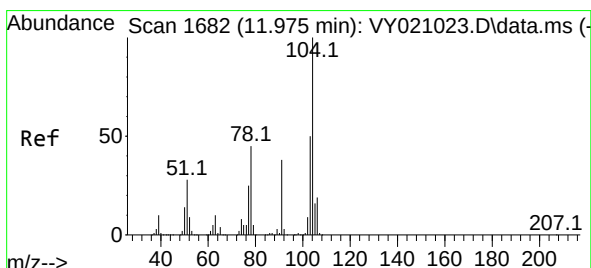
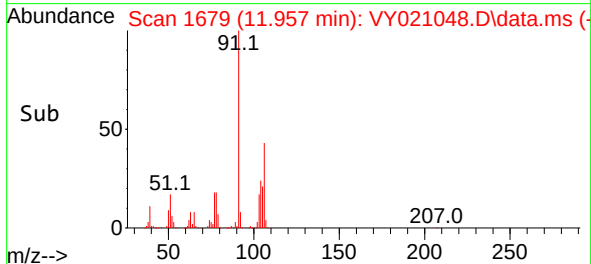
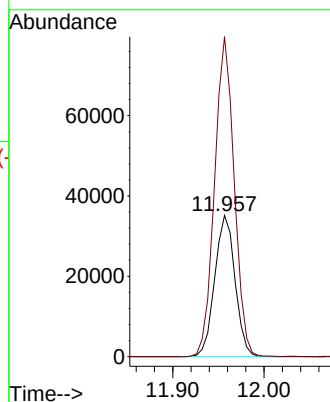
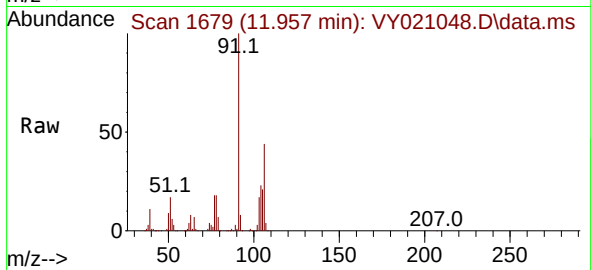
ClientSampleId :

Tgt Ion:106 Resp: 54195

Ion Ratio Lower Upper

106 100

91 219.6 106.5 319.5



#70

Styrene

Concen: 18.833 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

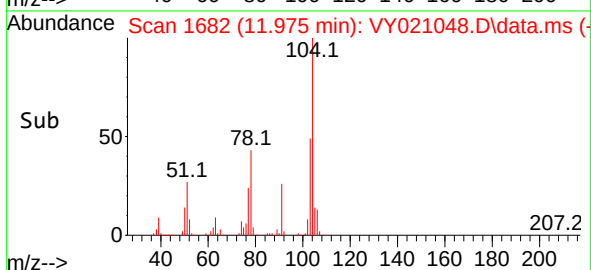
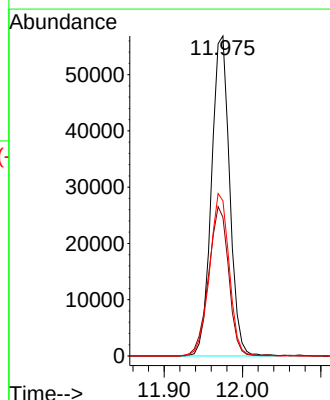
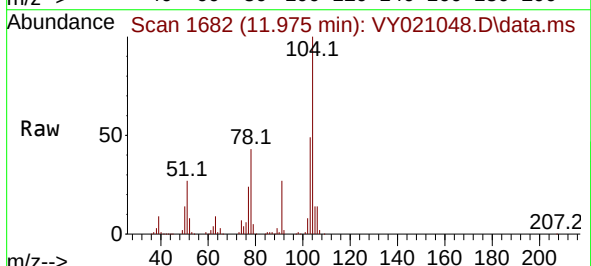
Tgt Ion:104 Resp: 91611

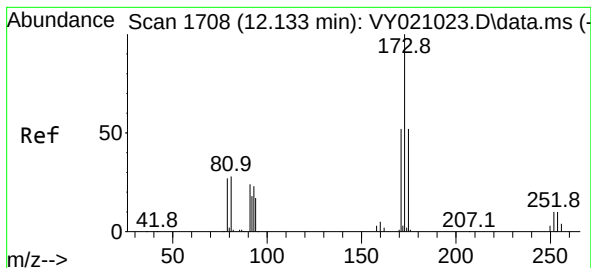
Ion Ratio Lower Upper

104 100

78 51.5 39.2 58.8

103 54.7 43.8 65.6





#71

Bromoform

Concen: 18.622 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

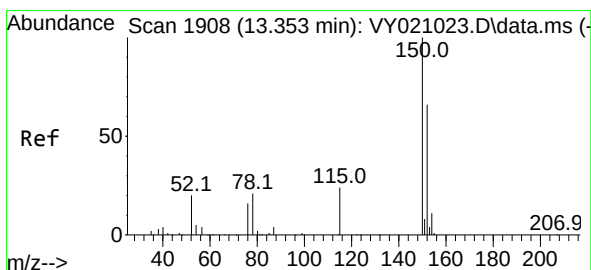
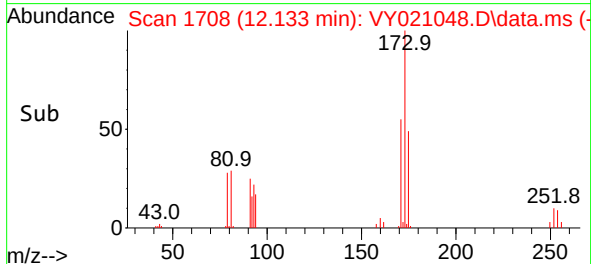
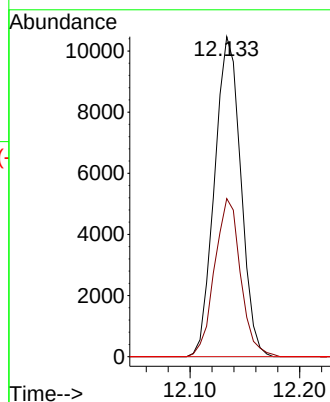
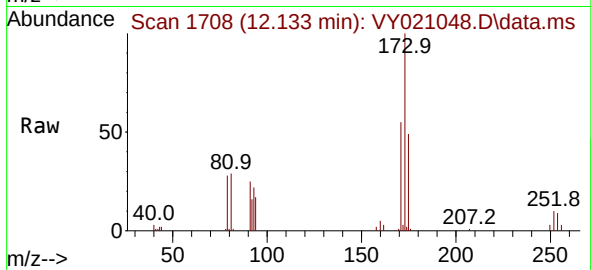
Tgt Ion:173 Resp: 17427

Ion Ratio Lower Upper

173 100

175 49.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

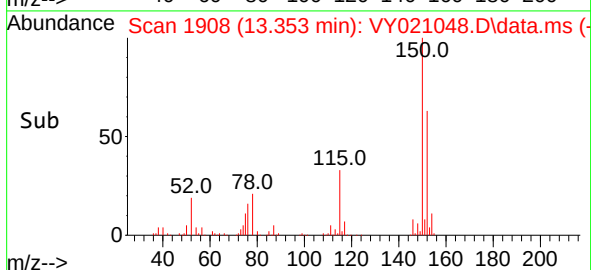
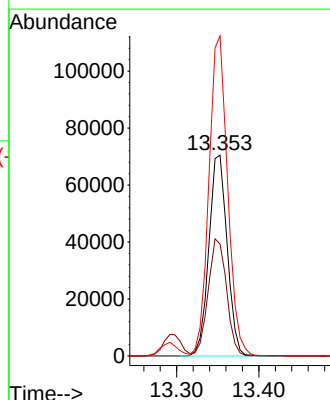
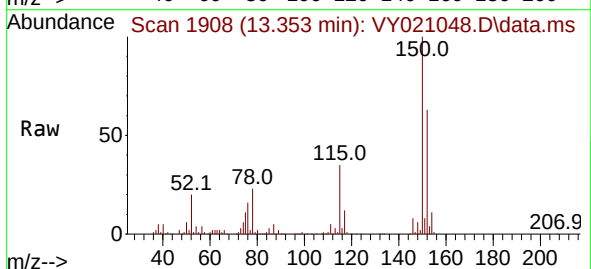
Tgt Ion:152 Resp: 108974

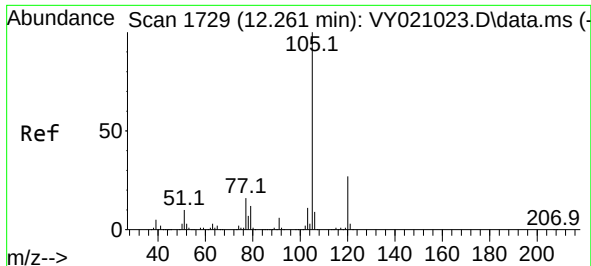
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 163.1 0.0 344.6

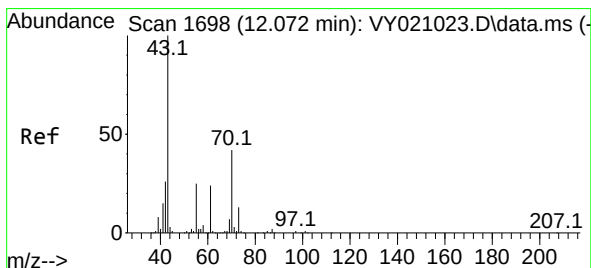
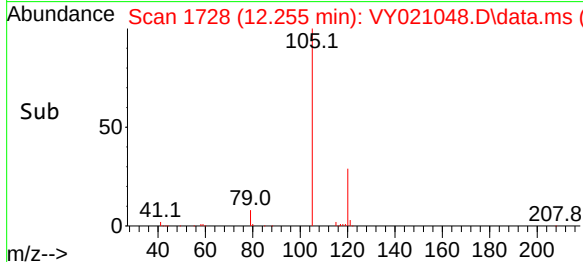
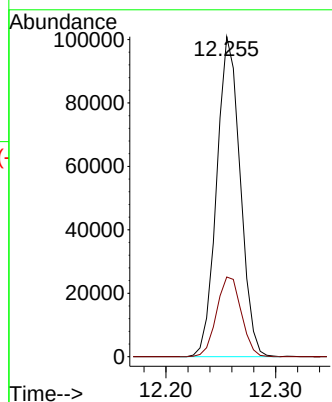
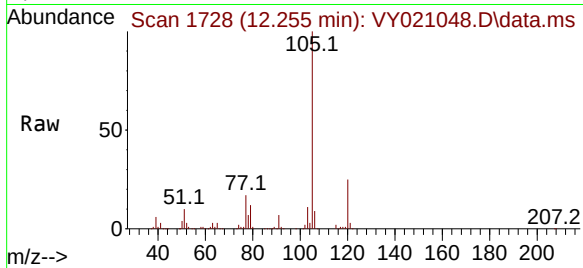




#73
Isopropylbenzene
Concen: 17.676 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

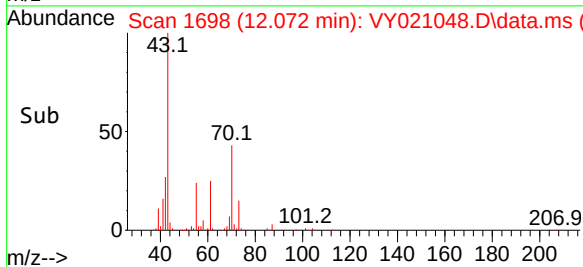
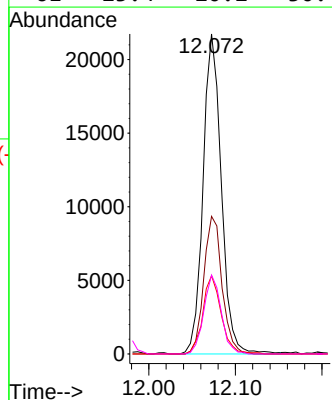
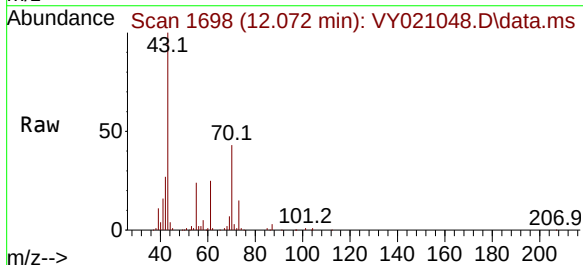
Instrument :
MSVOA_Y
ClientSampleId :

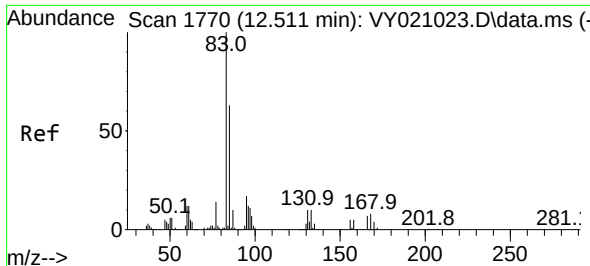
Tgt Ion:105 Resp: 150465
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 17.133 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 43 Resp: 31886
Ion Ratio Lower Upper
43 100
70 42.8 36.6 55.0
55 24.7 22.2 33.4
61 23.4 20.2 30.4

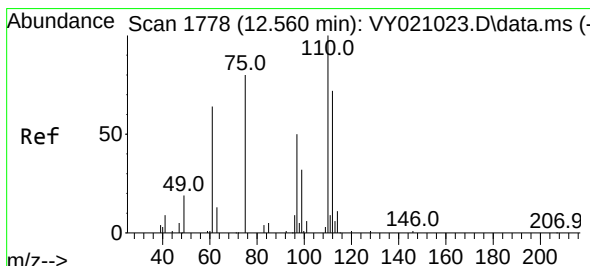
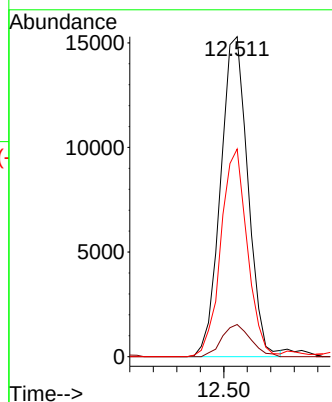
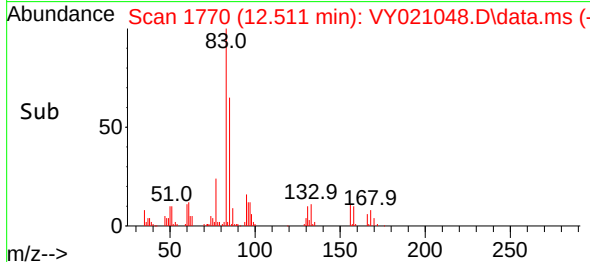
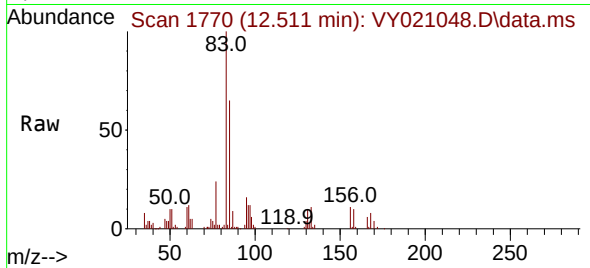




#75
1,1,2,2-Tetrachloroethane
Concen: 17.448 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

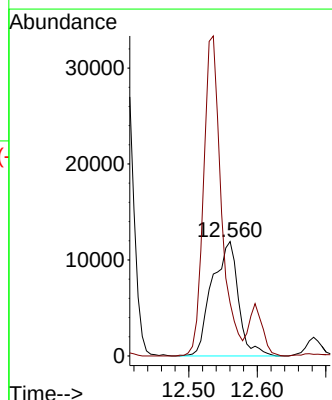
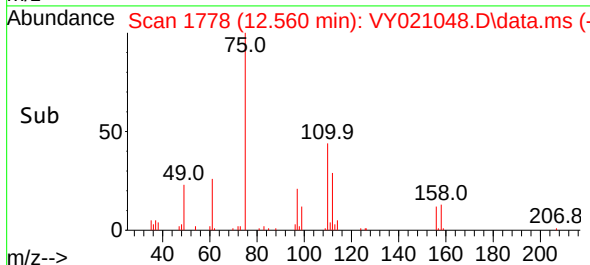
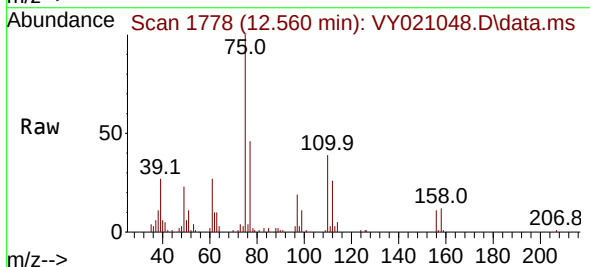
Instrument :
MSVOA_Y
ClientSampleId :

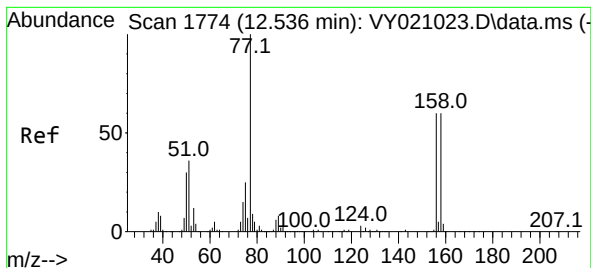
Tgt Ion: 83 Resp: 24702
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.6
85 62.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 32.123 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 75 Resp: 31755
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.492 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021048.D

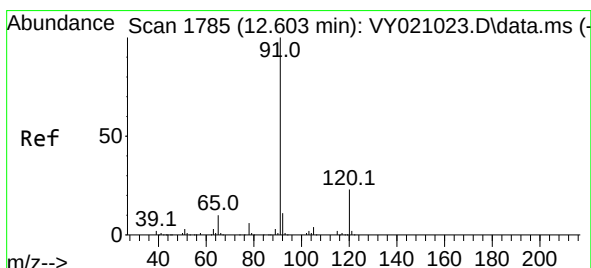
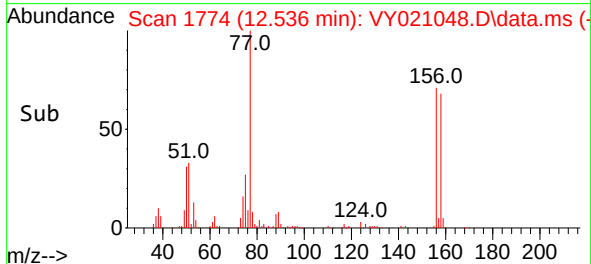
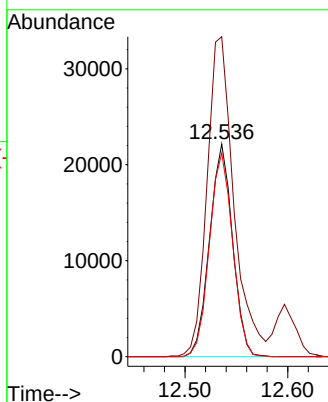
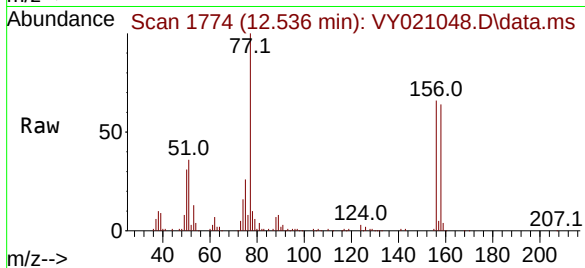
Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	34360
Ion	Ratio	Lower	Upper
156	100		
77	176.0	97.3	291.8
158	96.9	48.4	145.0



#78

n-propylbenzene

Concen: 17.943 ug/l

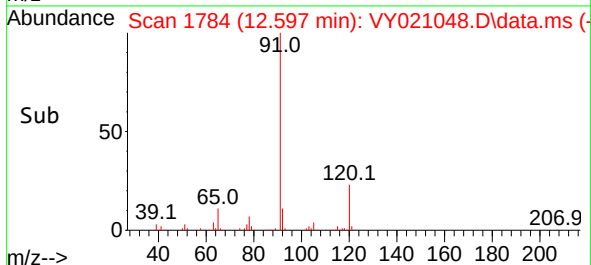
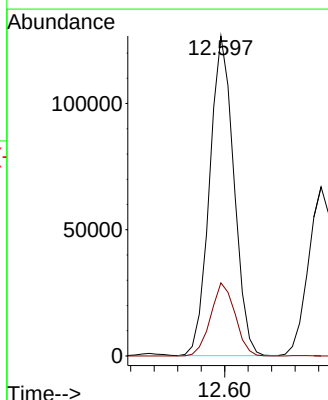
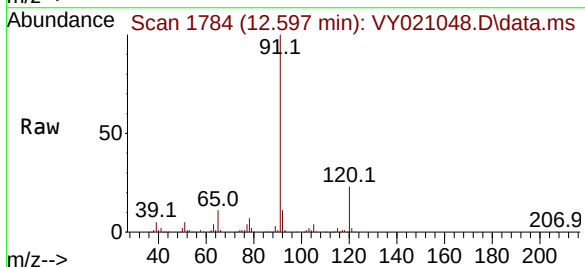
RT: 12.597 min Scan# 1784

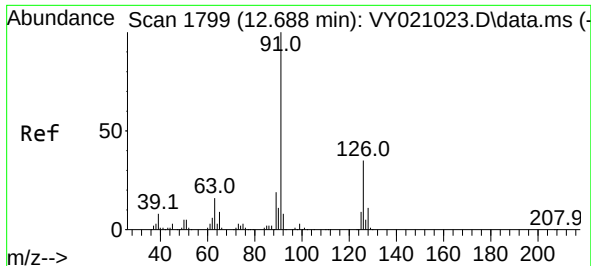
Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Tgt Ion:	91	Resp:	181949
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 17.683 ug/l

RT: 12.682 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

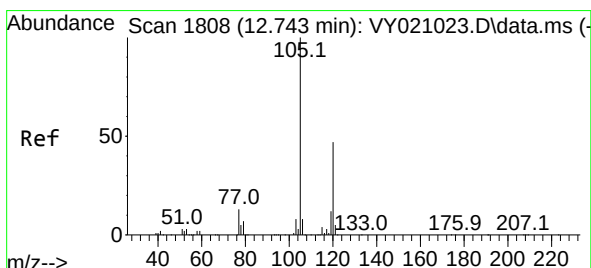
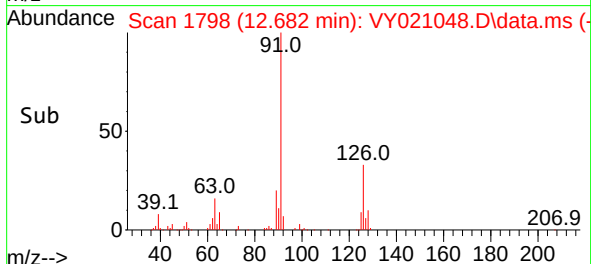
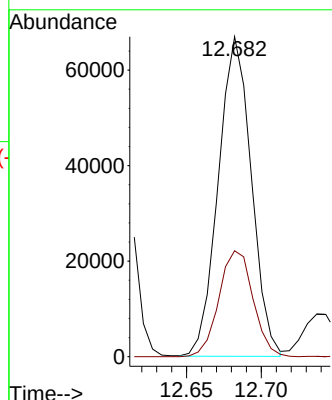
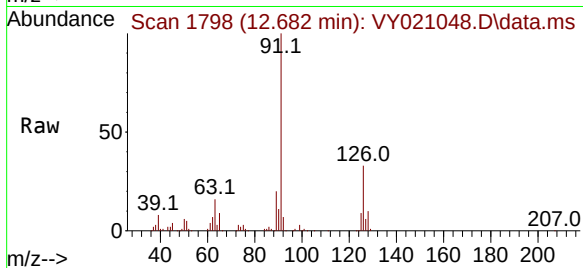
ClientSampleId :

Tgt Ion: 91 Resp: 102699

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 18.254 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021048.D

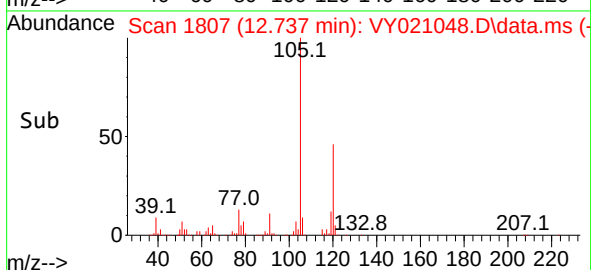
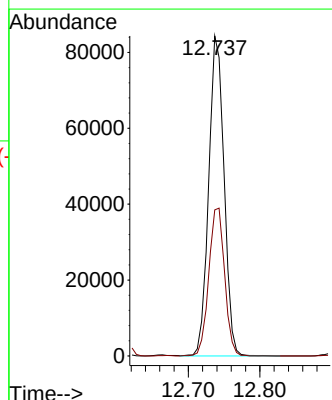
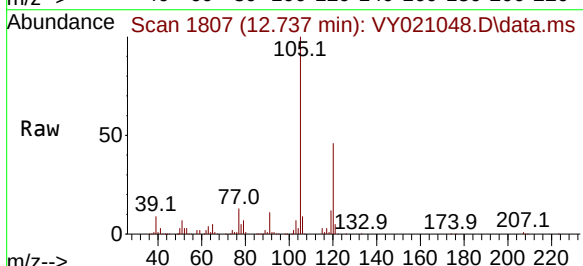
Acq: 04 Feb 2025 10:52

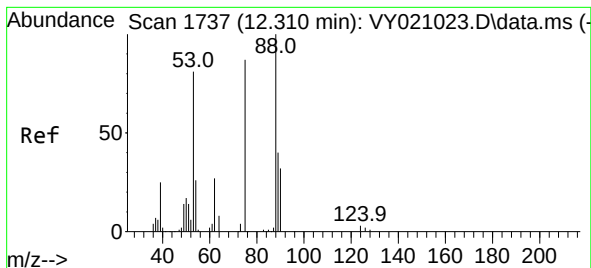
Tgt Ion:105 Resp: 125980

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.8

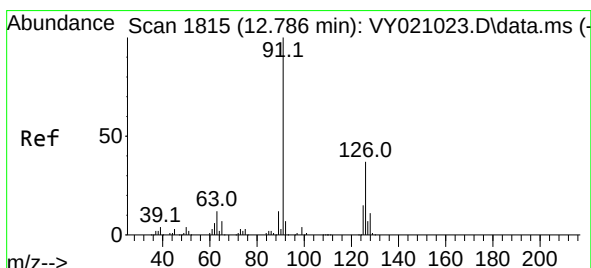
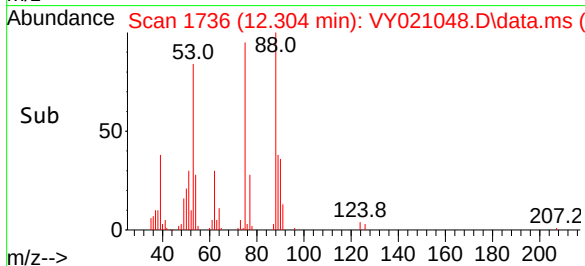
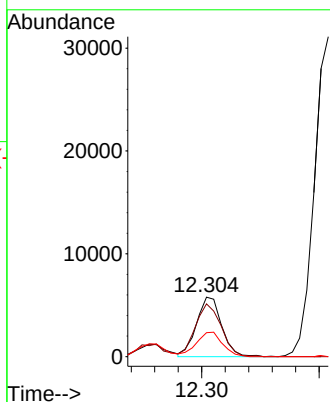
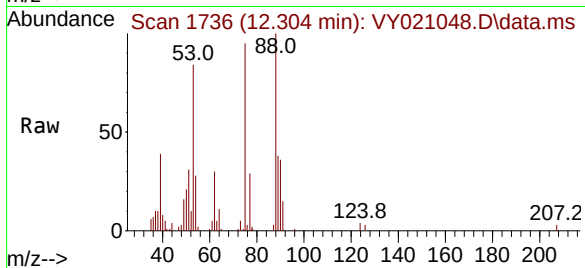




#81
trans-1,4-Dichloro-2-butene
Concen: 17.816 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

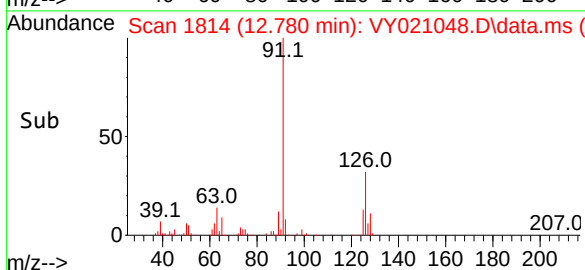
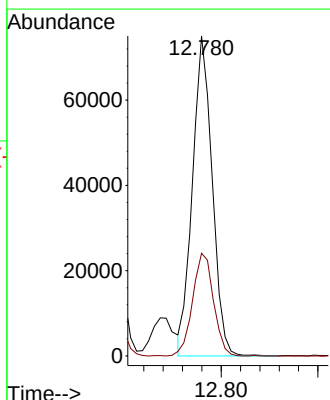
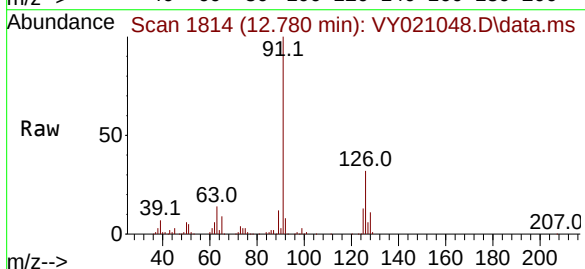
Instrument :
MSVOA_Y
ClientSampleId :

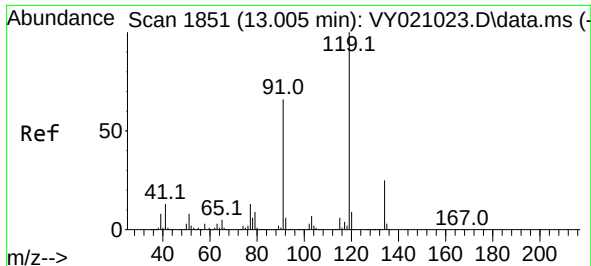
Tgt Ion: 75 Resp: 8631
Ion Ratio Lower Upper
75 100
53 91.1 74.0 111.0
89 42.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 17.955 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 91 Resp: 106247
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

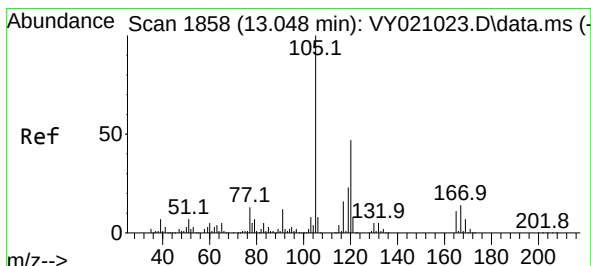
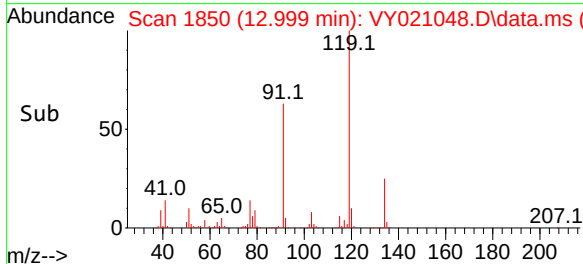
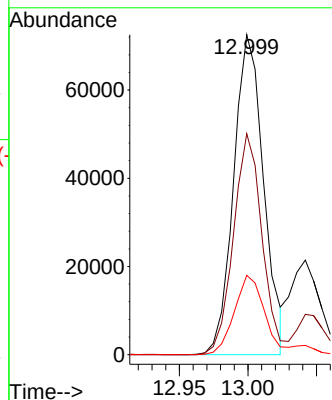
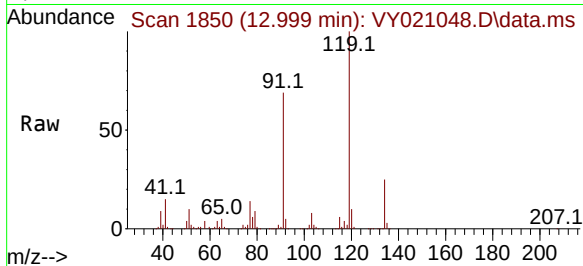




#83
 tert-Butylbenzene
 Concen: 17.623 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

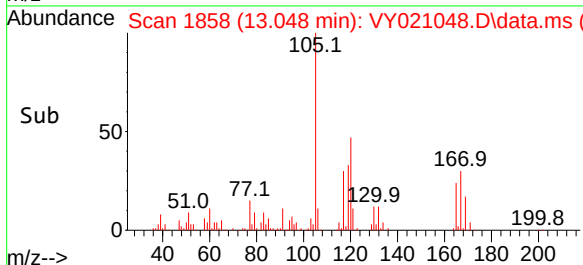
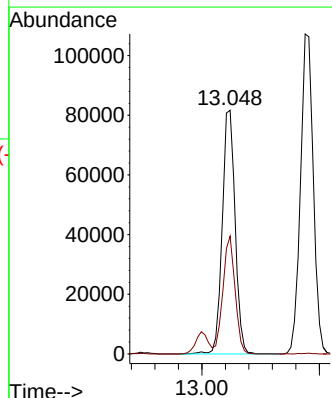
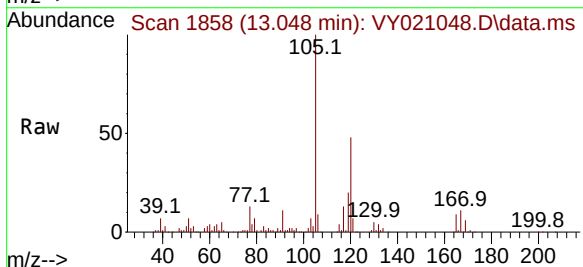
Instrument :
 MSVOA_Y
 ClientSampleId :

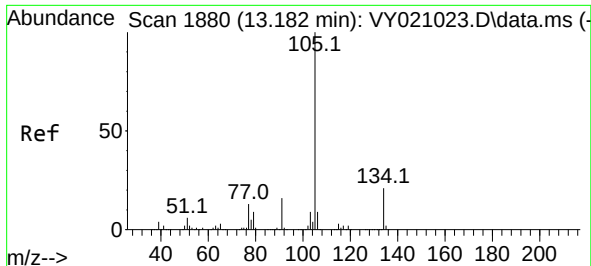
Tgt Ion:119 Resp: 110553
 Ion Ratio Lower Upper
 119 100
 91 66.3 31.5 94.5
 134 25.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.421 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

Tgt Ion:105 Resp: 124310
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.1 66.3

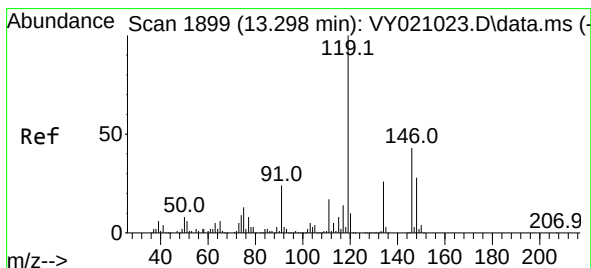
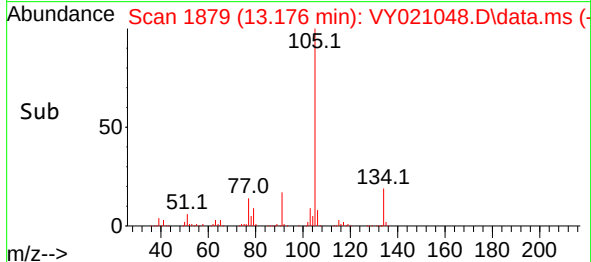
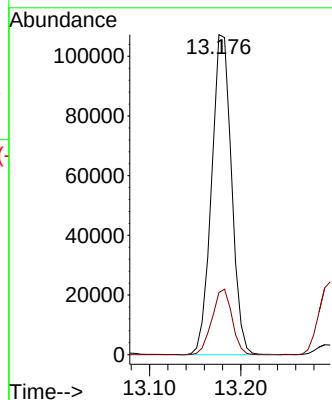
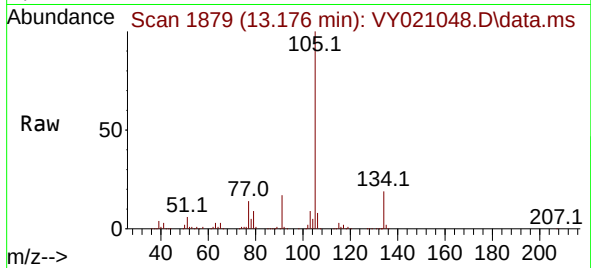




#85
 sec-Butylbenzene
 Concen: 18.011 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

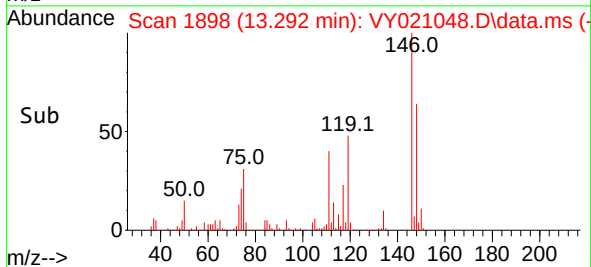
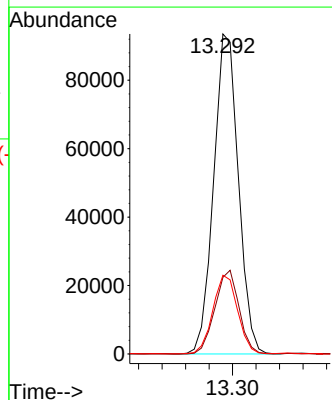
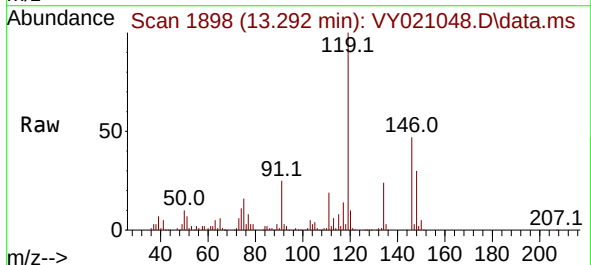
Instrument :
 MSVOA_Y
 ClientSampleId :

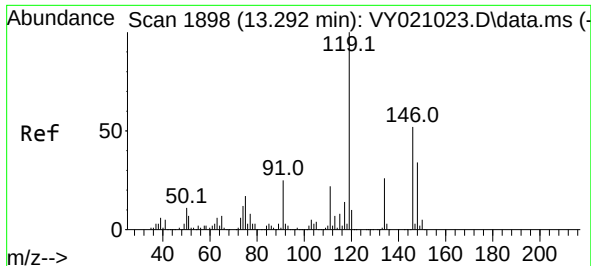
Tgt Ion:105 Resp: 162645
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.222 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

Tgt Ion:119 Resp: 136684
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.5 11.7 35.0

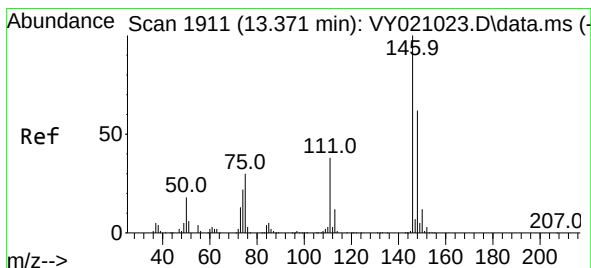
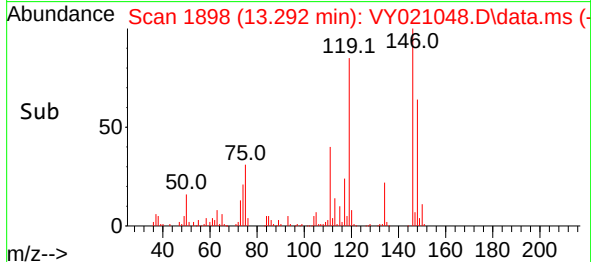
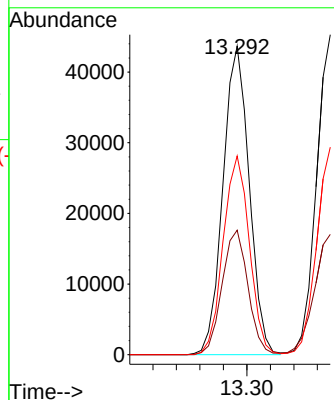
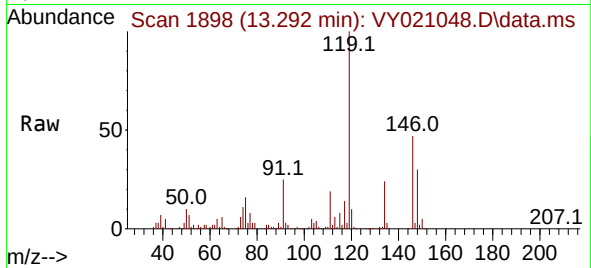




#87
 1,3-Dichlorobenzene
 Concen: 17.866 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

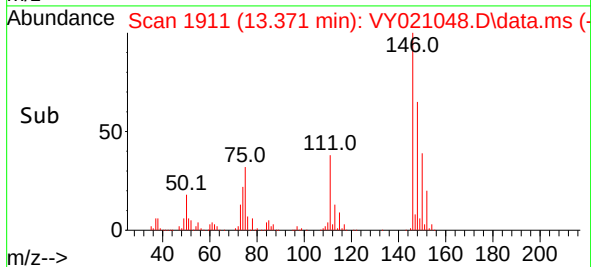
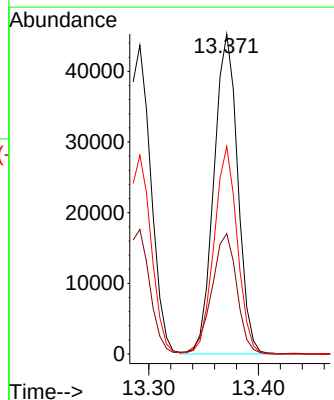
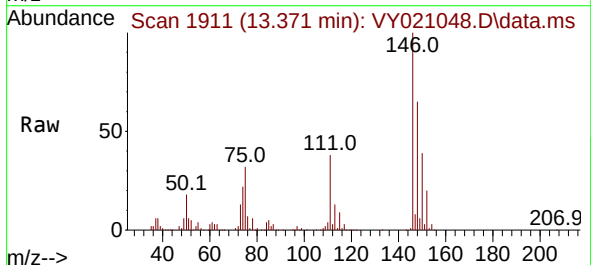
Instrument :
 MSVOA_Y
 ClientSampleId :

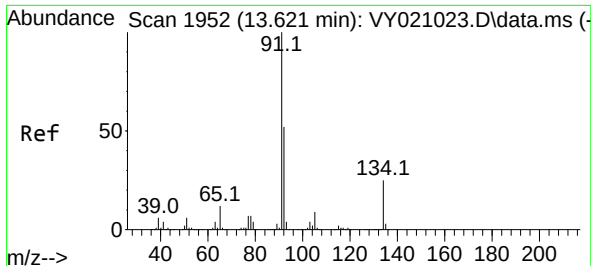
Tgt Ion:146 Resp: 67765
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.5
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.319 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021048.D
 Acq: 04 Feb 2025 10:52

Tgt Ion:146 Resp: 68413
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.9
 148 63.3 31.6 94.7

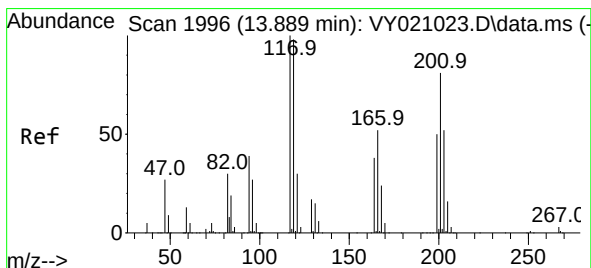
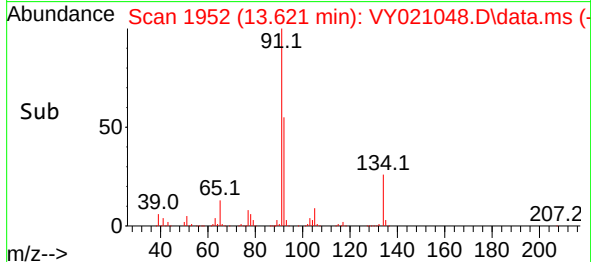
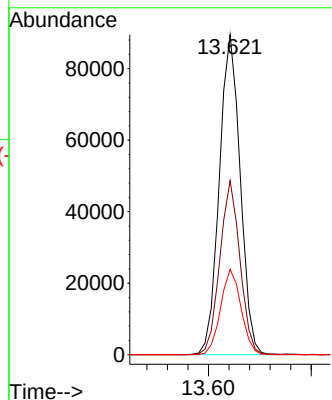
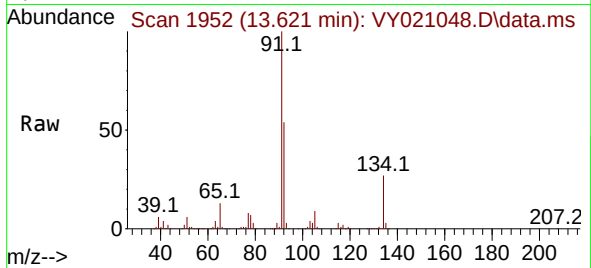




#89
n-Butylbenzene
Concen: 18.446 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

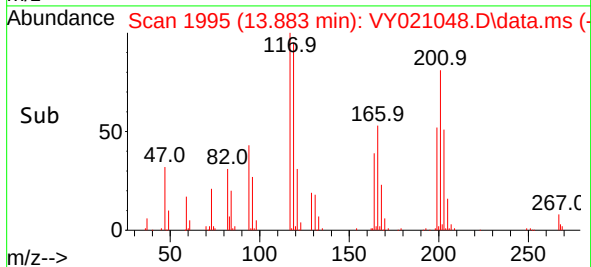
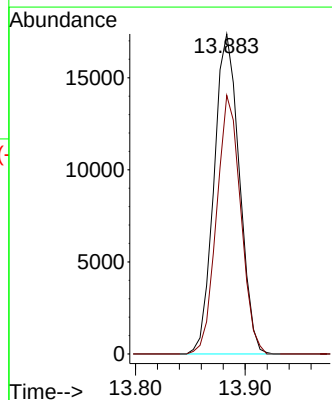
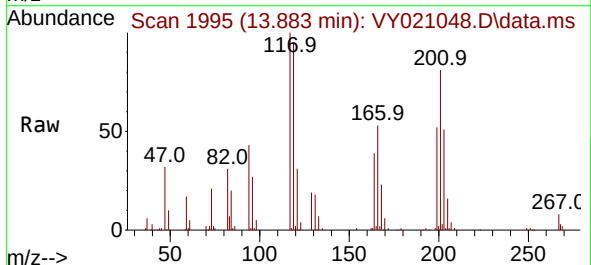
Instrument :
MSVOA_Y
ClientSampleId :

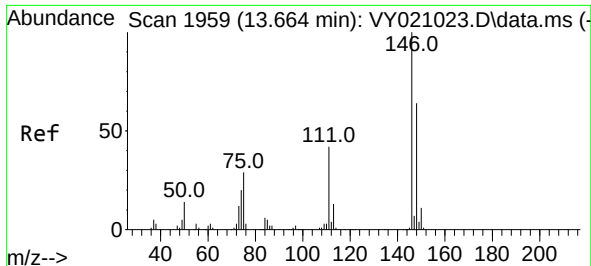
Tgt Ion: 91 Resp: 126230
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 26.1 12.3 36.8



#90
Hexachloroethane
Concen: 17.851 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion: 117 Resp: 27935
Ion Ratio Lower Upper
117 100
201 76.8 33.4 100.1

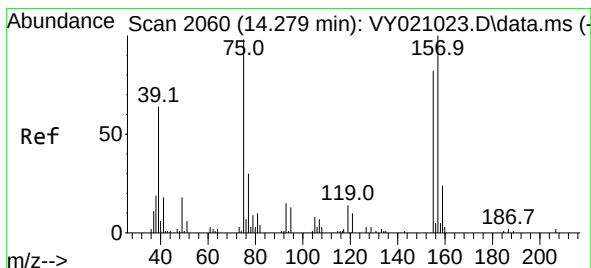
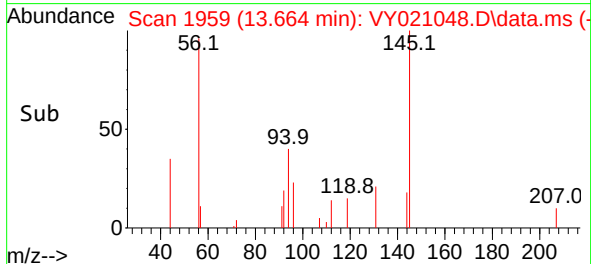
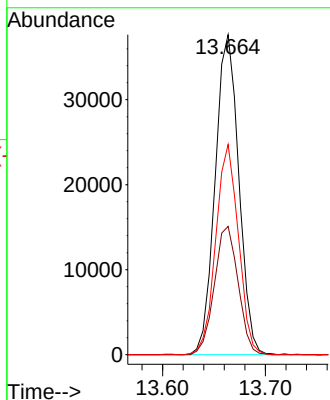
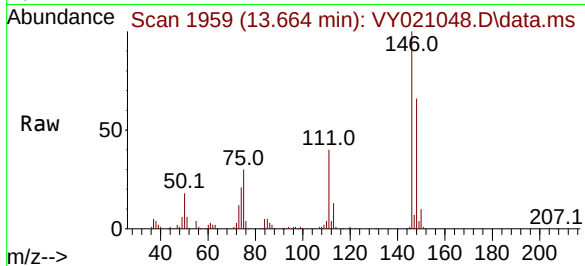




#91
1,2-Dichlorobenzene
Concen: 18.224 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

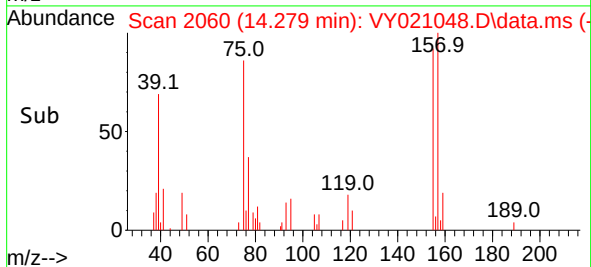
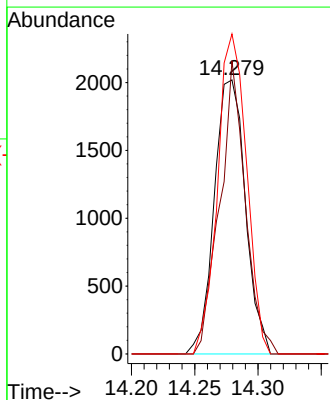
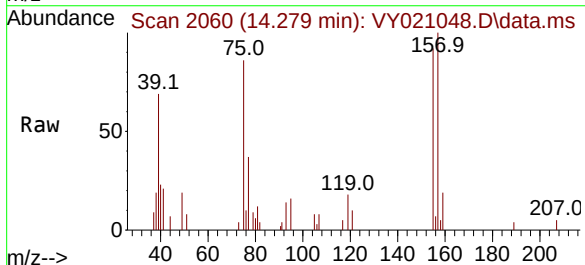
Instrument :
MSVOA_Y
ClientSampleId :

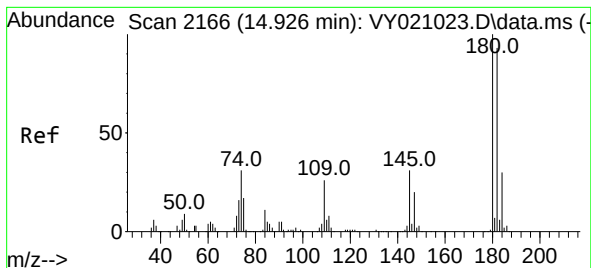
Tgt Ion:	146	Resp:	59994
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.6
148	63.0	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.307 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021048.D
Acq: 04 Feb 2025 10:52

Tgt Ion:	75	Resp:	3450
Ion	Ratio	Lower	Upper
75	100		
155	88.2	42.1	126.3
157	109.2	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.321 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

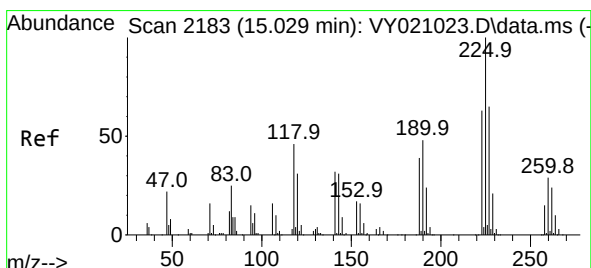
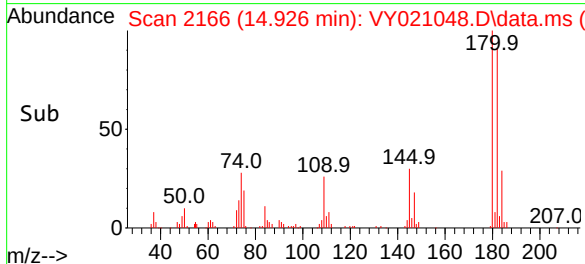
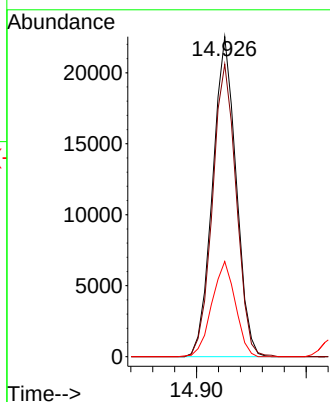
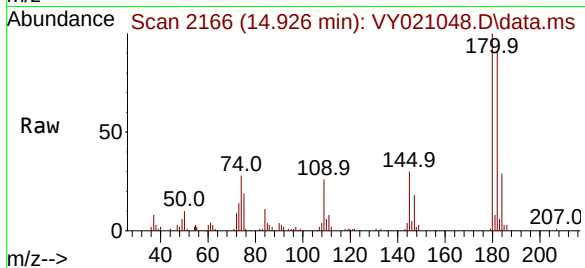
Tgt Ion:180 Resp: 33572

Ion Ratio Lower Upper

180 100

182 92.0 47.9 143.7

145 29.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.801 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

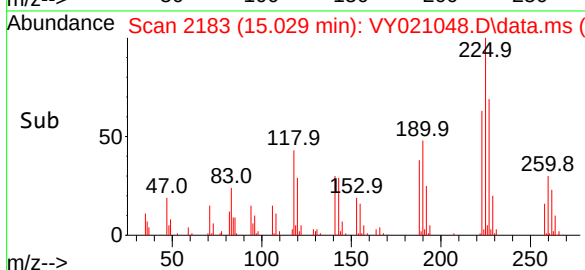
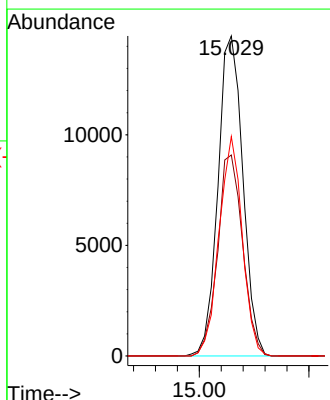
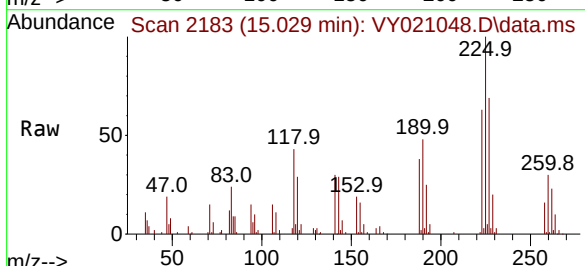
Tgt Ion:225 Resp: 22831

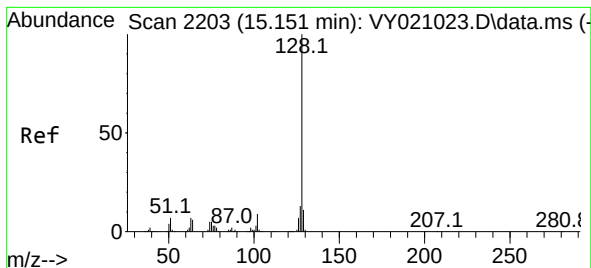
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.3

227 63.7 32.3 96.8





#95

Naphthalene

Concen: 16.901 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

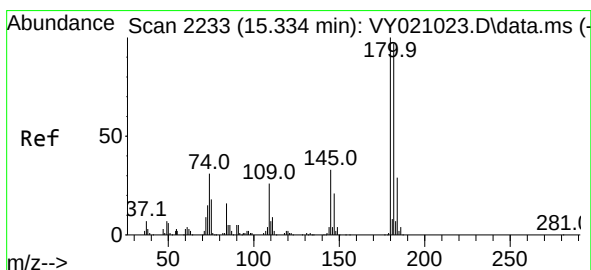
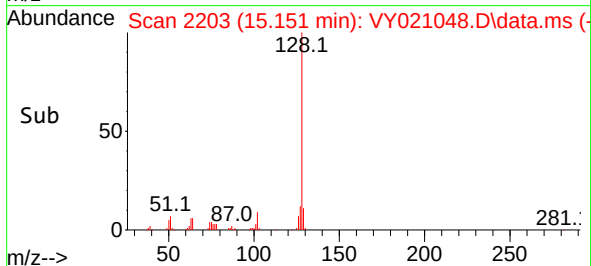
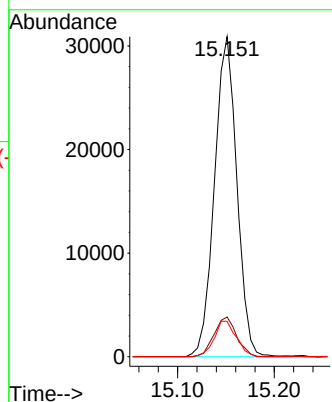
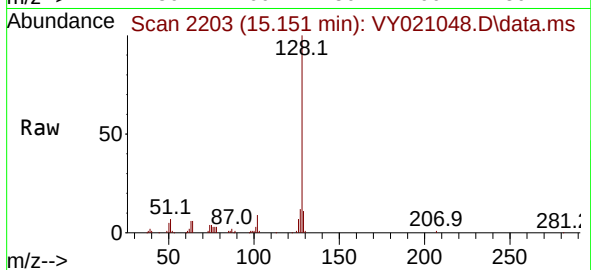
Tgt Ion:128 Resp: 49550

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.849 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021048.D

Acq: 04 Feb 2025 10:52

Tgt Ion:180 Resp: 27220

Ion Ratio Lower Upper

180 100

182 97.0 46.3 138.8

145 33.0 16.1 48.2

