

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021766.D
 Acq On : 03 Apr 2025 12:05
 Operator : SY/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 04 01:30:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	203899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	319045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	287712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114675	51.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.634	113	107264	51.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.103	98	417029	52.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.408	95	139715	52.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38719	18.321	ug/l	97
3) Chloromethane	2.068	50	57634	19.394	ug/l	98
4) Vinyl Chloride	2.202	62	62762	18.675	ug/l	97
5) Bromomethane	2.592	94	46920	20.470	ug/l	95
6) Chloroethane	2.732	64	42378	19.271	ug/l	100
7) Trichlorofluoromethane	3.056	101	84951	19.733	ug/l	100
8) Diethyl Ether	3.458	74	21891	18.698	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	45633	20.097	ug/l	100
10) Methyl Iodide	4.001	142	42760	17.166	ug/l	97
11) Tert butyl alcohol	4.860	59	12579	87.663	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	40280	18.834	ug/l	95
13) Acrolein	3.653	56	17763	67.795	ug/l	99
14) Allyl chloride	4.379	41	64754	18.990	ug/l	99
15) Acrylonitrile	5.061	53	46816	95.771	ug/l	99
16) Acetone	3.873	43	47011	103.976	ug/l	98
17) Carbon Disulfide	4.104	76	130043	18.461	ug/l	99
18) Methyl Acetate	4.385	43	22391	19.982	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	96663	18.154	ug/l	100
20) Methylene Chloride	4.616	84	48989	19.807	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	45198	19.194	ug/l	96
22) Diisopropyl ether	6.012	45	144188	20.157	ug/l	96
23) Vinyl Acetate	5.958	43	392861	93.881	ug/l	100
24) 1,1-Dichloroethane	5.915	63	84200	19.685	ug/l	98
25) 2-Butanone	6.896	43	62877	97.365	ug/l	97
26) 2,2-Dichloropropane	6.884	77	73885	19.419	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	51515	19.453	ug/l	98
28) Bromochloromethane	7.244	49	36543	20.258	ug/l	100
29) Tetrahydrofuran	7.262	42	39023	93.891	ug/l	100
30) Chloroform	7.421	83	89363	20.087	ug/l	97
31) Cyclohexane	7.701	56	71494	18.336	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	77712	19.327	ug/l	98
36) 1,1-Dichloropropene	7.835	75	61924	19.644	ug/l	99
37) Ethyl Acetate	6.982	43	27986	18.811	ug/l	99
38) Carbon Tetrachloride	7.817	117	70131	19.424	ug/l	98
39) Methylcyclohexane	9.109	83	69119	18.355	ug/l	94
40) Benzene	8.079	78	188326	19.949	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16120	20.403	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	53252	20.009	ug/l	100
43) Isopropyl Acetate	8.195	43	52467	18.610	ug/l	99
44) Trichloroethene	8.866	130	48796	20.287	ug/l	91
45) 1,2-Dichloropropane	9.140	63	45773	20.484	ug/l	98
46) Dibromomethane	9.231	93	25737	19.984	ug/l	98
47) Bromodichloromethane	9.426	83	67879	20.341	ug/l	98
48) Methyl methacrylate	9.219	41	23605	18.243	ug/l	99
49) 1,4-Dioxane	9.231	88	5432	393.732	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	137528	93.737	ug/l	99
52) Toluene	10.170	92	118375	20.098	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	57716	19.472	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	68474	19.582	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	34324	20.711	ug/l	98
56) Ethyl methacrylate	10.438	69	39663	18.743	ug/l	97
57) 1,3-Dichloropropane	10.719	76	57438	20.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	101625	98.440	ug/l	99
59) 2-Hexanone	10.762	43	94217	96.424	ug/l	98
60) Dibromochloromethane	10.908	129	46718	20.646	ug/l	98
61) 1,2-Dibromoethane	11.018	107	30677	19.732	ug/l	100
64) Tetrachloroethene	10.646	164	55603	21.219	ug/l	93
65) Chlorobenzene	11.444	112	128647	19.506	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	46105	19.703	ug/l	98
67) Ethyl Benzene	11.518	91	213523	18.880	ug/l	97
68) m/p-Xylenes	11.627	106	169102	39.047	ug/l	99
69) o-Xylene	11.956	106	78032	19.520	ug/l	98
70) Styrene	11.969	104	128614	19.296	ug/l	99
71) Bromoform	12.133	173	26508	19.859	ug/l #	99
73) Isopropylbenzene	12.255	105	201307	18.293	ug/l	100
74) N-amyl acetate	12.072	43	44311	17.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	35269	17.826	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47182	32.125	ug/l #	100
77) Bromobenzene	12.536	156	49001	18.545	ug/l	98
78) n-propylbenzene	12.597	91	252726	19.102	ug/l	100
79) 2-Chlorotoluene	12.682	91	146564	19.073	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	170917	19.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11113	17.435	ug/l	94
82) 4-Chlorotoluene	12.779	91	153312	19.137	ug/l	100
83) tert-Butylbenzene	12.999	119	148078	18.484	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	170432	19.172	ug/l	99
85) sec-Butylbenzene	13.176	105	221275	18.900	ug/l	100
86) p-Isopropyltoluene	13.292	119	183556	18.970	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	98633	18.947	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	99316	19.310	ug/l	98
89) n-Butylbenzene	13.621	91	166238	18.577	ug/l	98
90) Hexachloroethane	13.883	117	40212	18.964	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	87160	19.234	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5565	18.147	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	43337	17.635	ug/l	99
94) Hexachlorobutadiene	15.023	225	28623	18.650	ug/l	98
95) Naphthalene	15.145	128	65442	16.066	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36228	17.288	ug/l	99

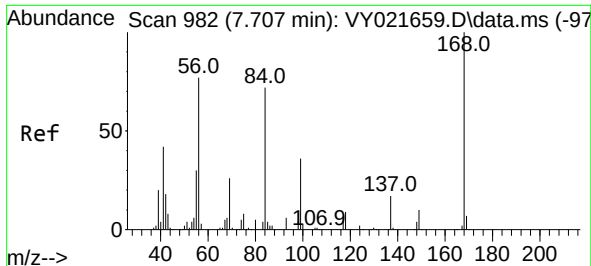
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Response via : Initial Calibration

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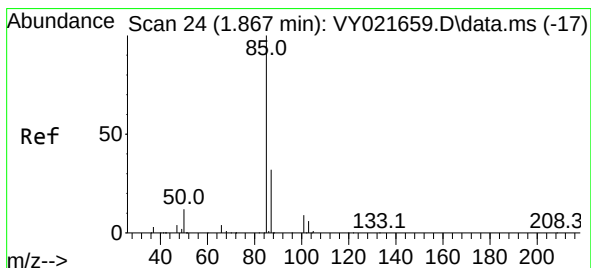
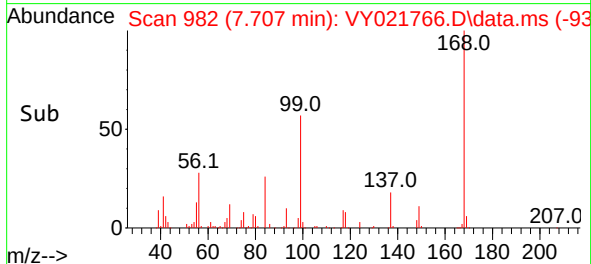
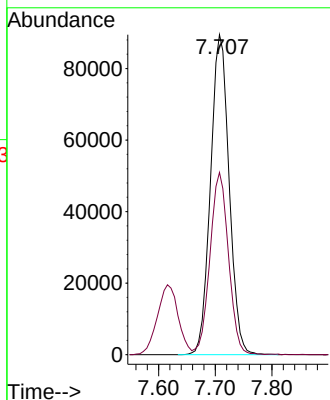
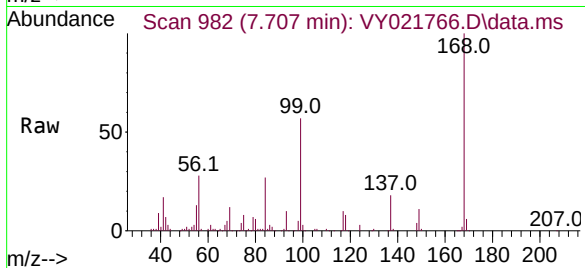
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

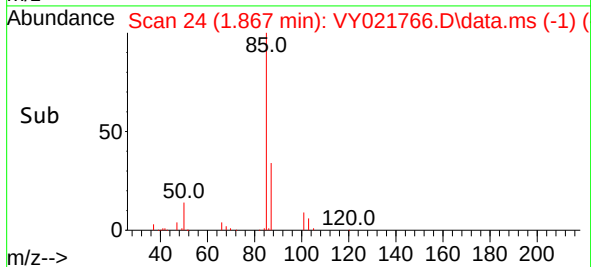
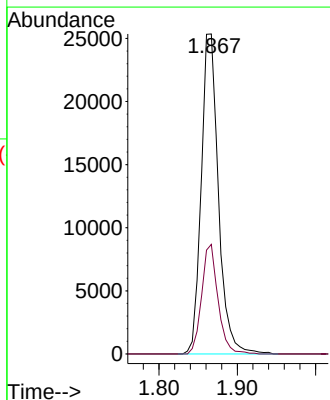
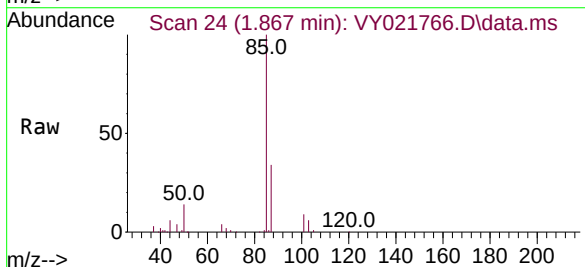
Instrument :
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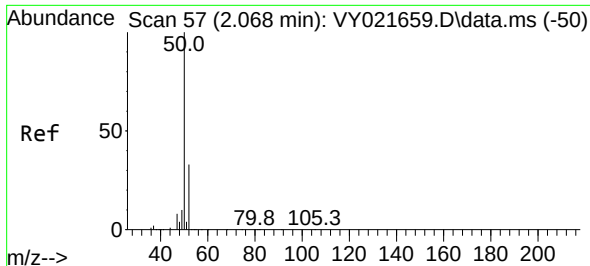
Tgt Ion:168 Resp: 203899
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.321 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 85 Resp: 38719
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.6

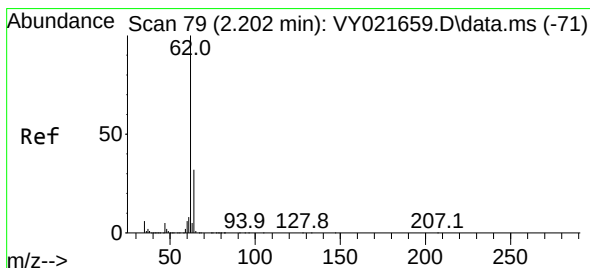
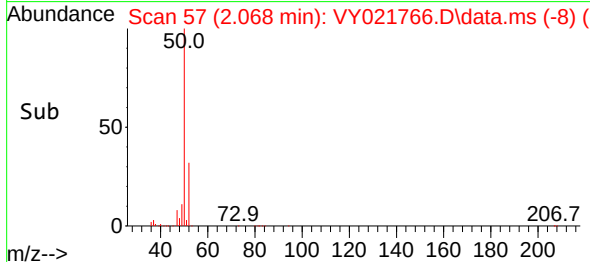
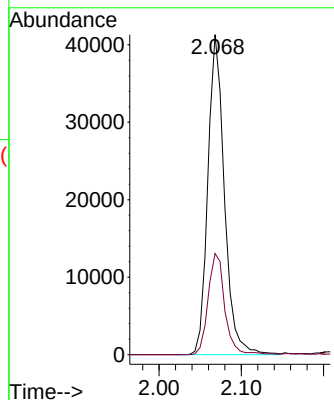
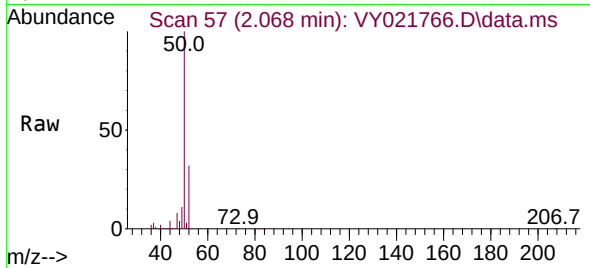




#3
Chloromethane
Concen: 19.394 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

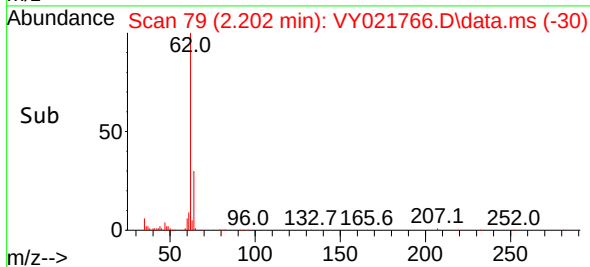
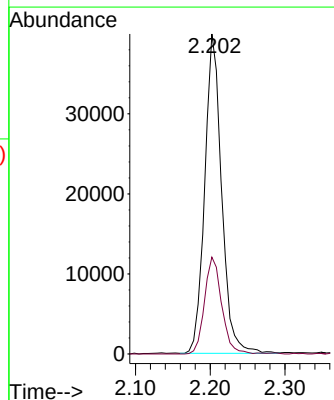
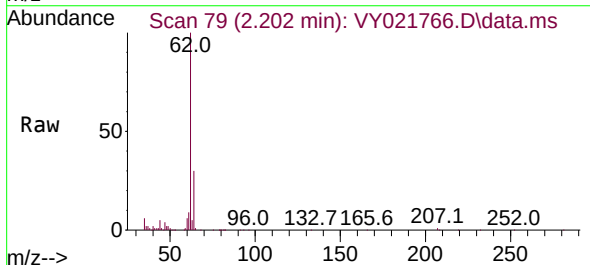
Instrument :
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ClientSampleId :
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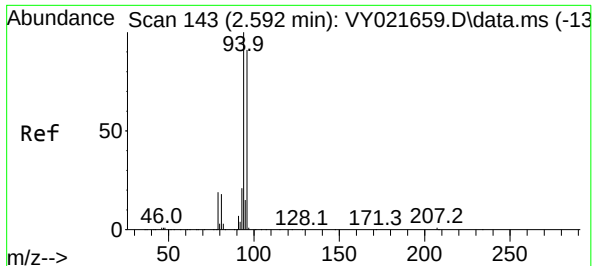
Tgt Ion: 50 Resp: 57634
Ion Ratio Lower Upper
50 100
52 31.6 26.3 39.5



#4
Vinyl Chloride
Concen: 18.675 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 62 Resp: 62762
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3

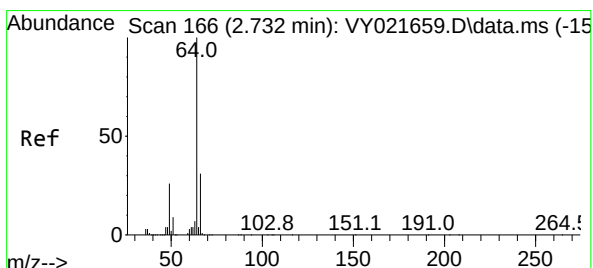
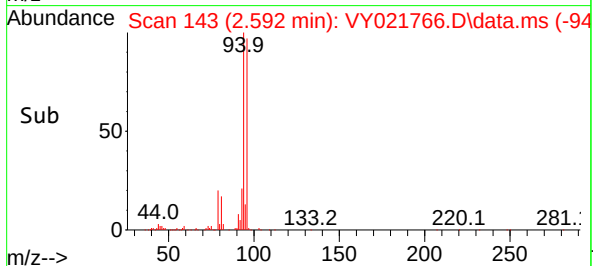
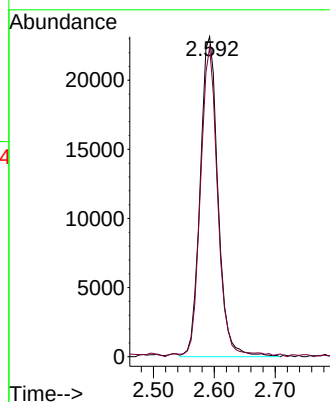
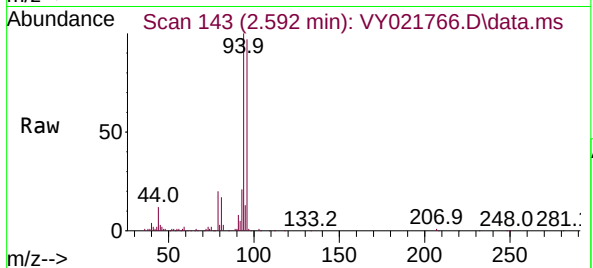




#5
Bromomethane
Concen: 20.470 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

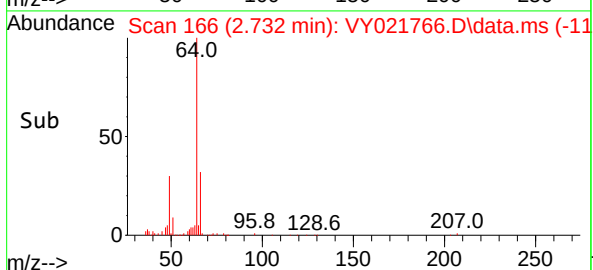
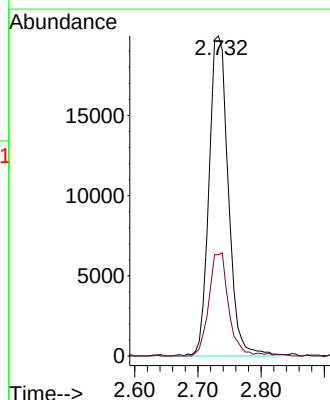
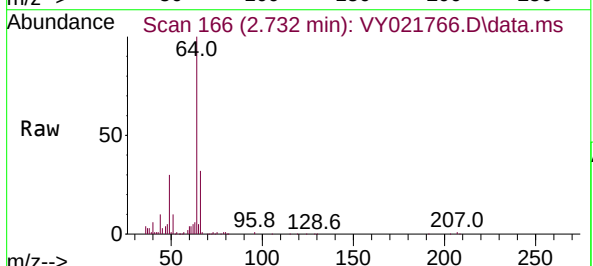
Instrument :
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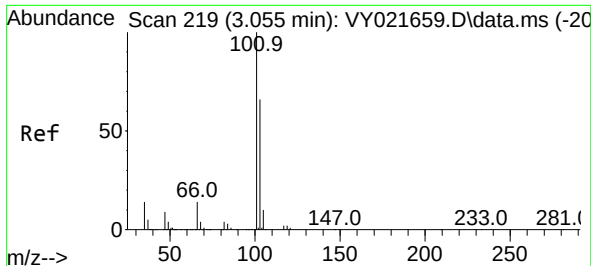
Tgt Ion: 94 Resp: 46920
Ion Ratio Lower Upper
94 100
96 96.0 72.8 109.2



#6
Chloroethane
Concen: 19.271 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 64 Resp: 42378
Ion Ratio Lower Upper
64 100
66 31.2 24.9 37.3

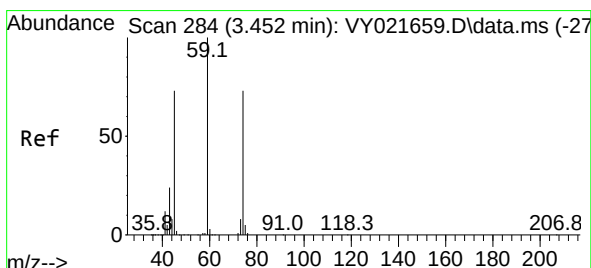
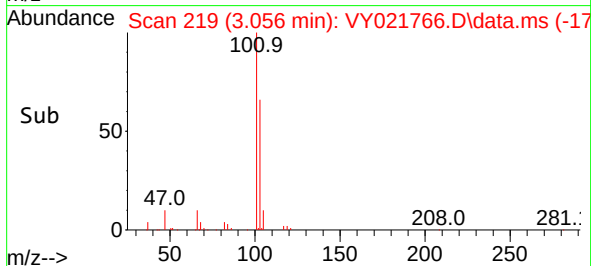
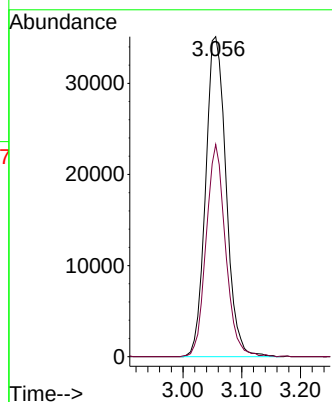
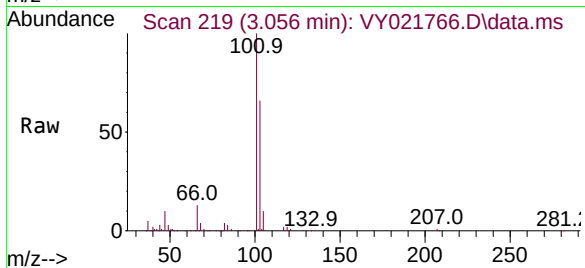




#7
 Trichlorofluoromethane
 Concen: 19.733 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

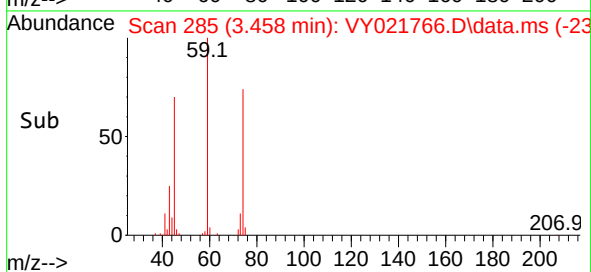
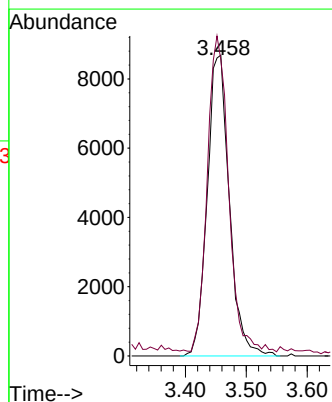
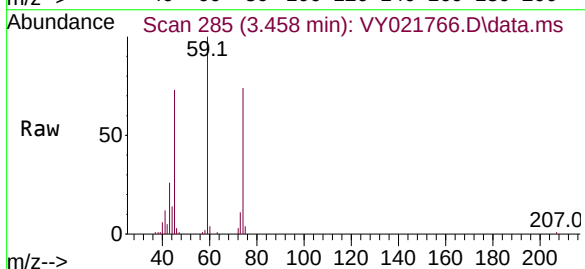
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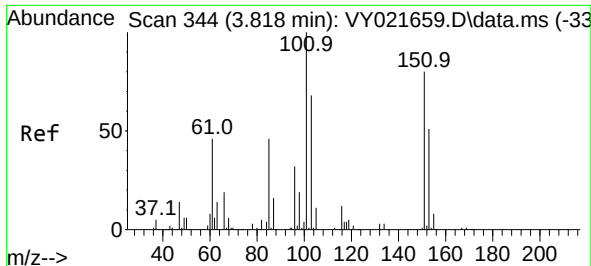
Tgt Ion:101 Resp: 84951
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.698 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

Tgt Ion: 74 Resp: 21891
 Ion Ratio Lower Upper
 74 100
 45 101.0 48.6 145.8

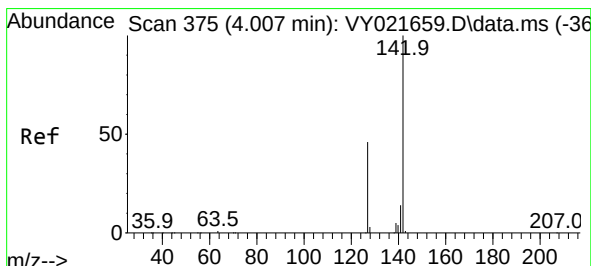
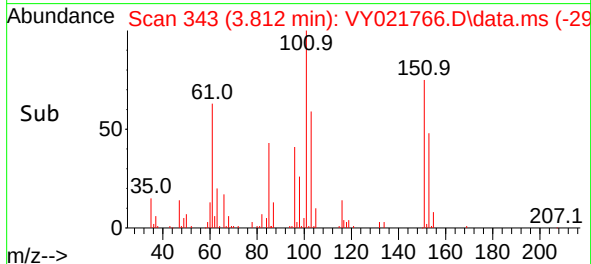
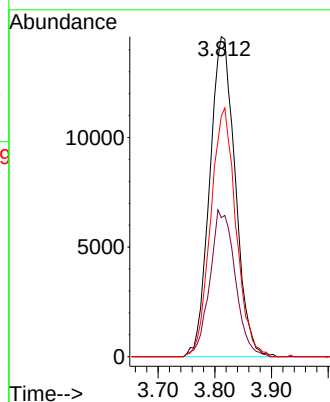
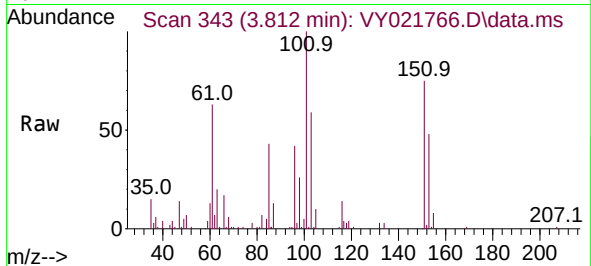




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.097 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021766.D
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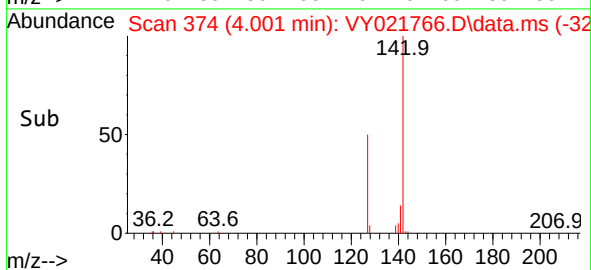
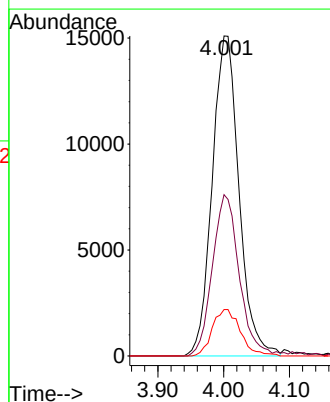
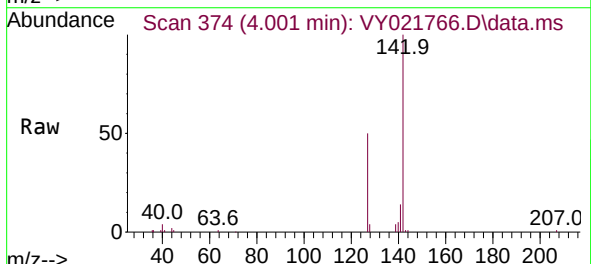
Instrument :
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ClientSampleId :
VY0403SBS01

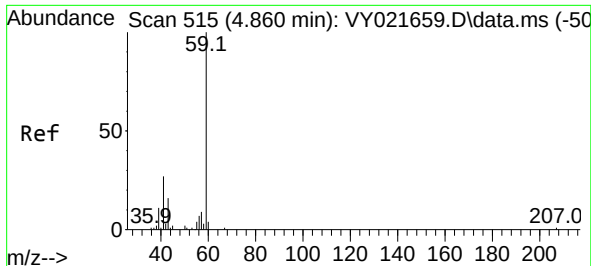
Tgt Ion:101 Resp: 45633
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 77.0 61.3 91.9



#10
Methyl Iodide
Concen: 17.166 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion:142 Resp: 42760
Ion Ratio Lower Upper
142 100
127 50.7 38.7 58.1
141 15.2 11.5 17.3

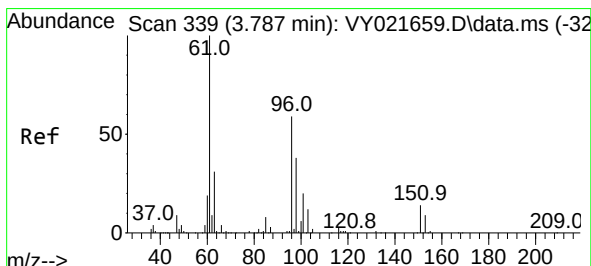
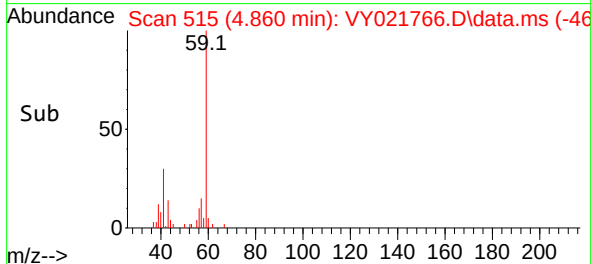
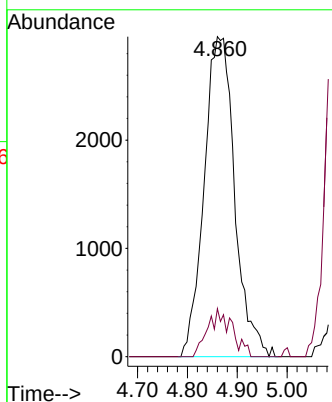
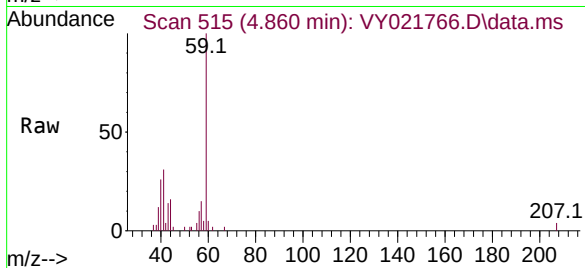




#11
Tert butyl alcohol
Concen: 87.663 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

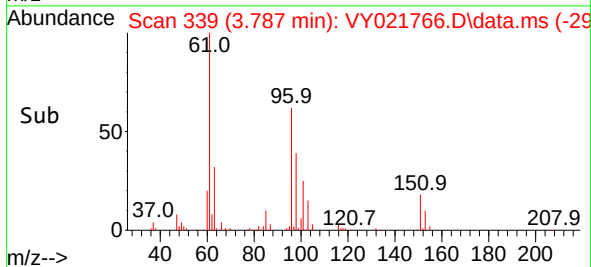
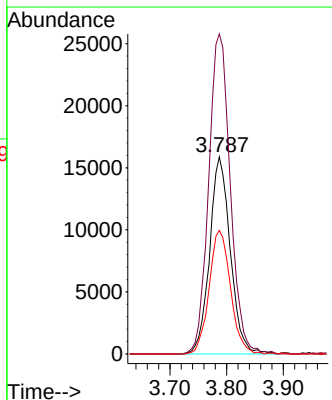
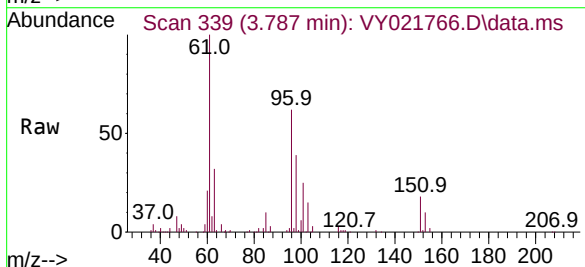
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

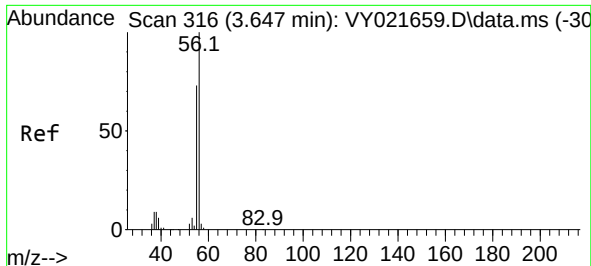
Tgt Ion: 59 Resp: 12579
Ion Ratio Lower Upper
59 100
57 8.2 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.834 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 96 Resp: 40280
Ion Ratio Lower Upper
96 100
61 162.4 136.6 204.8
98 62.7 52.3 78.5





#13

Acrolein

Concen: 67.795 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

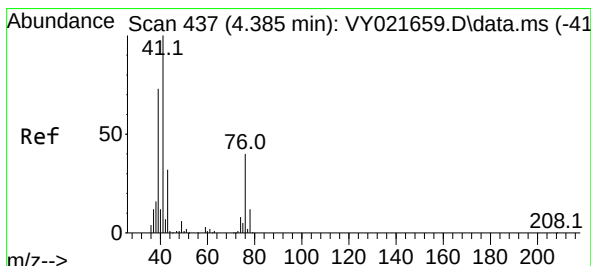
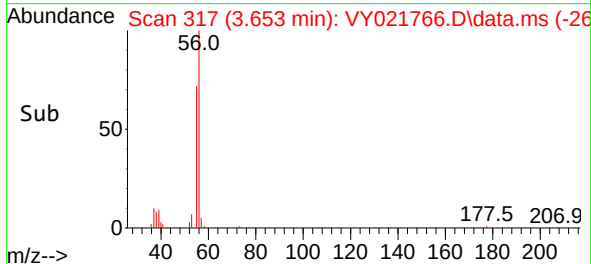
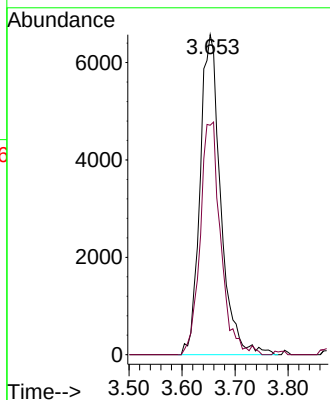
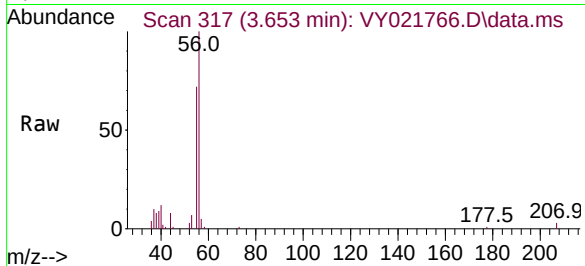
VY0403SBS01

Tgt Ion: 56 Resp: 17763

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 18.990 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

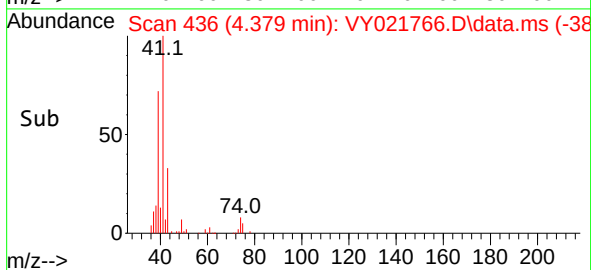
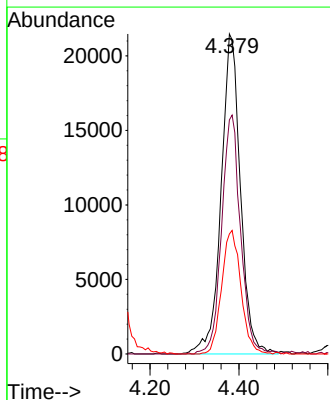
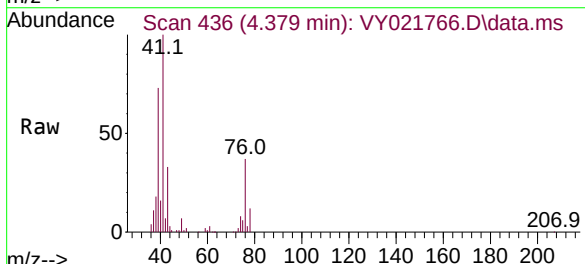
Tgt Ion: 41 Resp: 64754

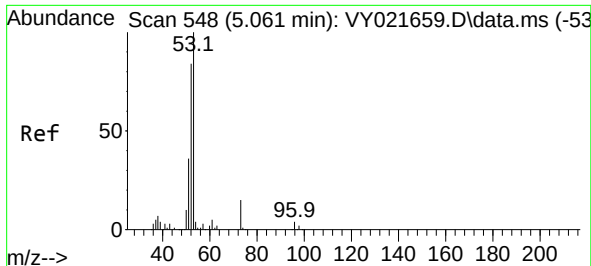
Ion Ratio Lower Upper

41 100

39 72.6 58.6 88.0

76 38.4 30.3 45.5

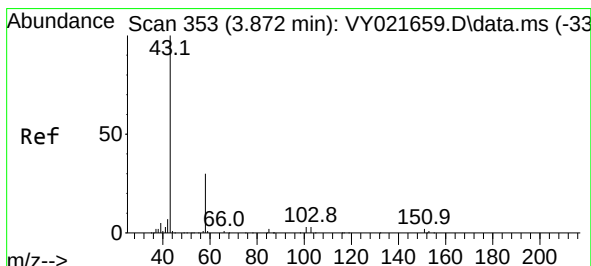
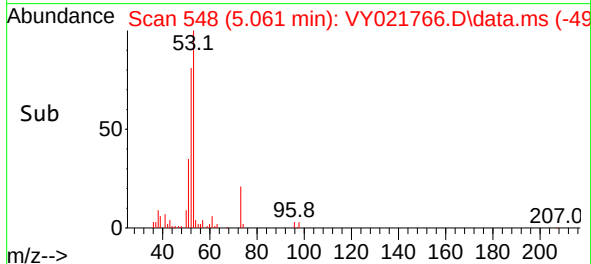
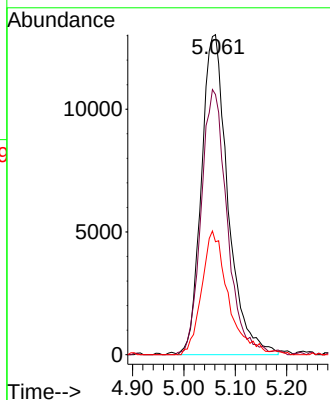
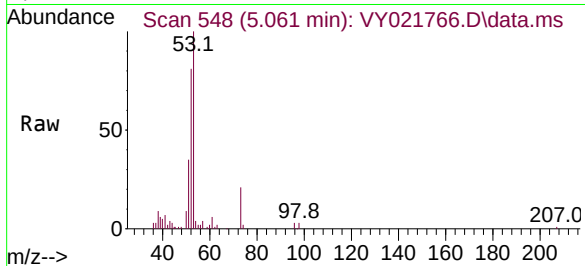




#15
Acrylonitrile
Concen: 95.771 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

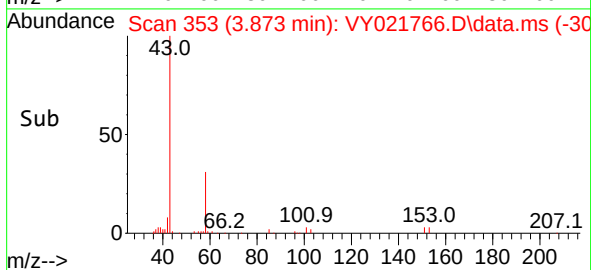
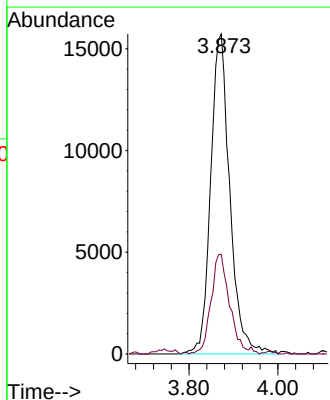
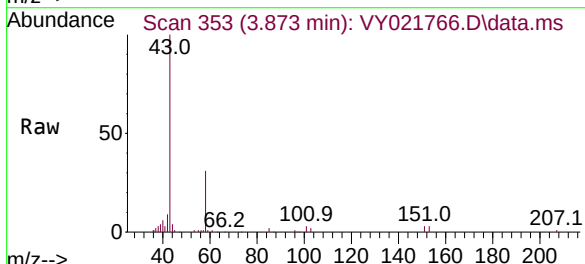
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

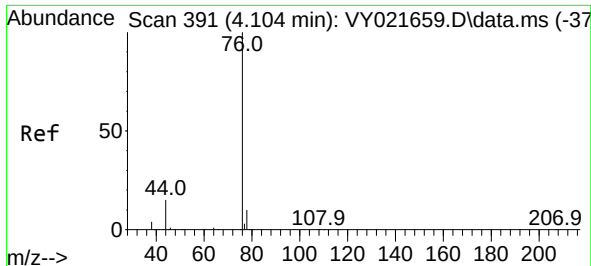
Tgt Ion: 53 Resp: 46816
Ion Ratio Lower Upper
53 100
52 80.9 64.9 97.3
51 38.5 30.2 45.2



#16
Acetone
Concen: 103.976 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 43 Resp: 47011
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.4

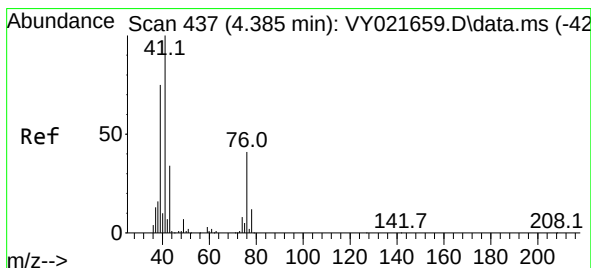
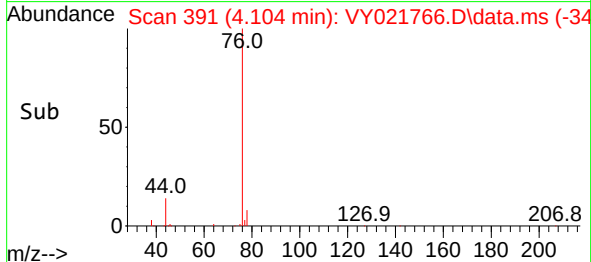
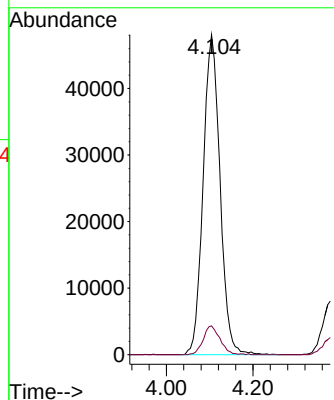
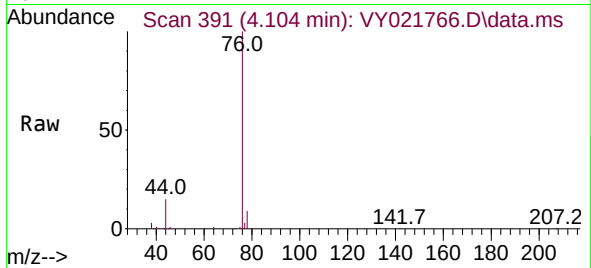




#17
Carbon Disulfide
Concen: 18.461 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

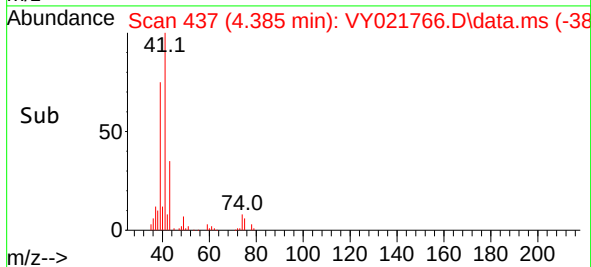
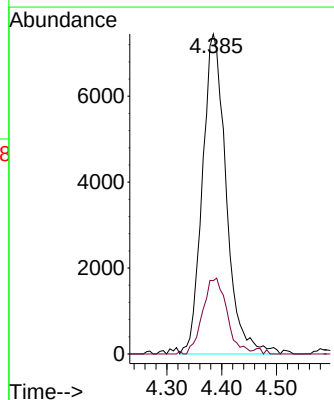
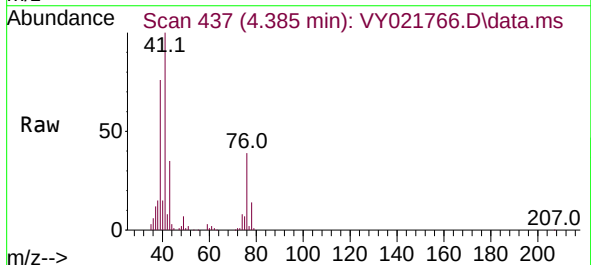
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

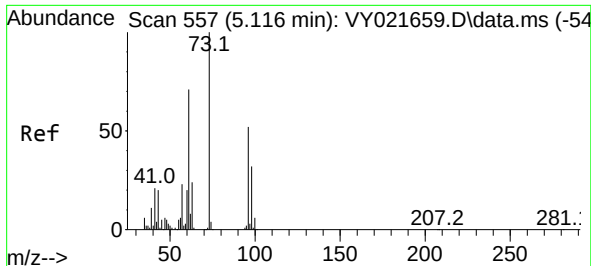
Tgt Ion: 76 Resp: 130043
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 19.982 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 43 Resp: 22391
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7

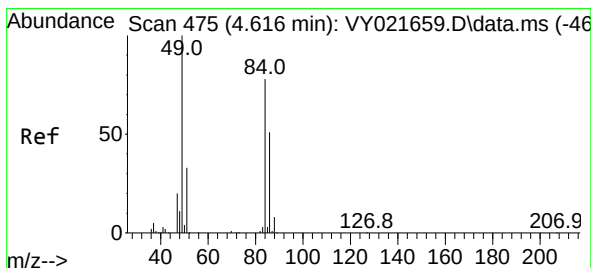
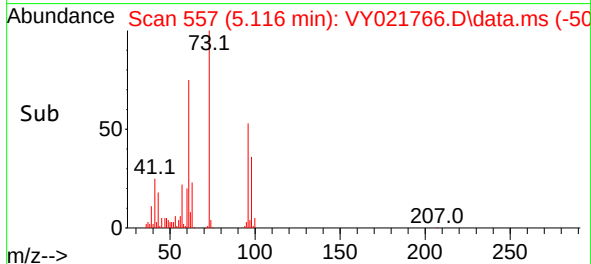
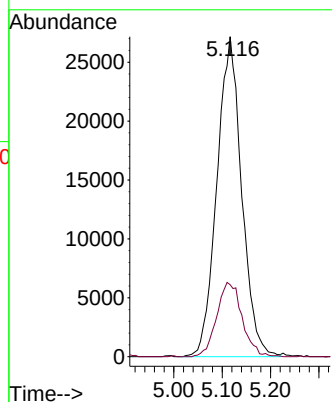
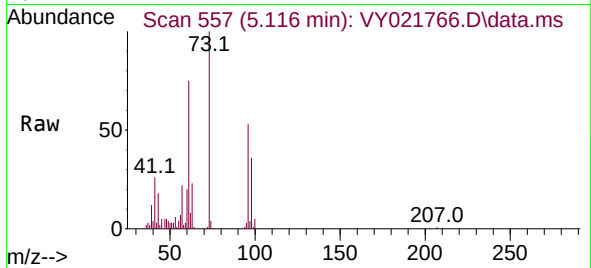




#19
Methyl tert-butyl Ether
Concen: 18.154 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

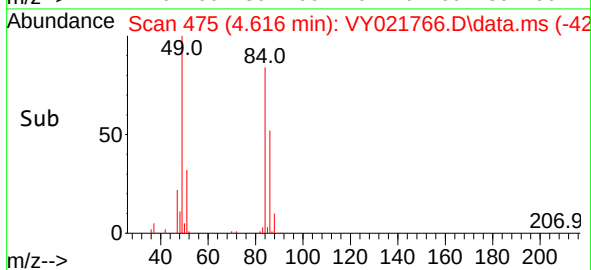
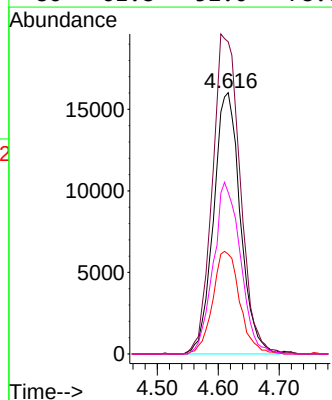
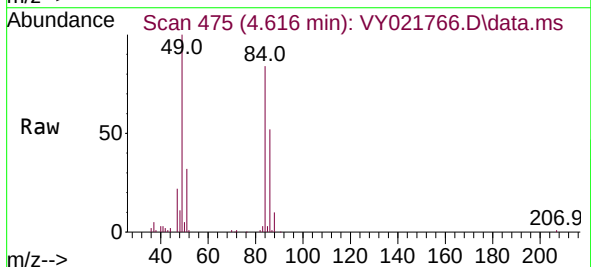
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

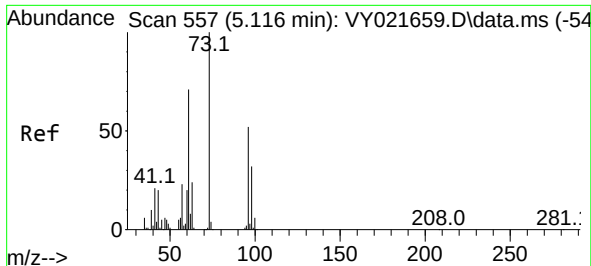
Tgt Ion: 73 Resp: 96663
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 19.807 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 84 Resp: 48989
Ion Ratio Lower Upper
84 100
49 119.5 102.8 154.2
51 38.2 33.5 50.3
86 61.8 52.0 78.0

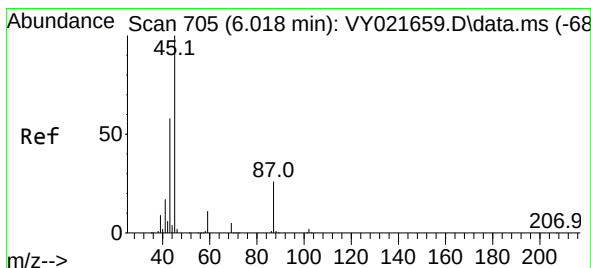
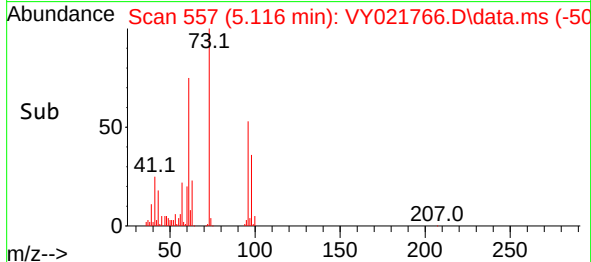
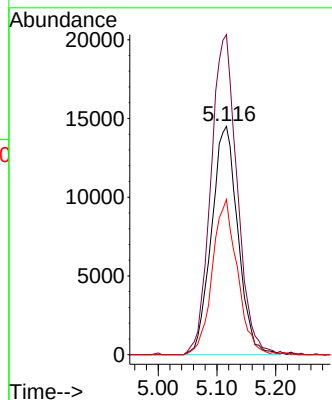
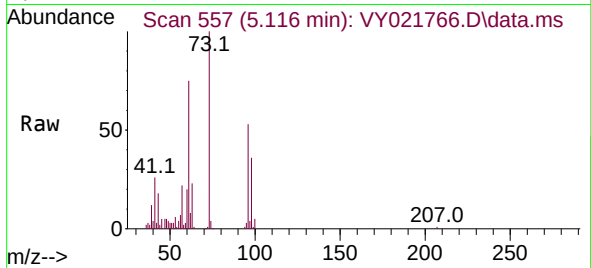




#21
trans-1,2-Dichloroethene
Concen: 19.194 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

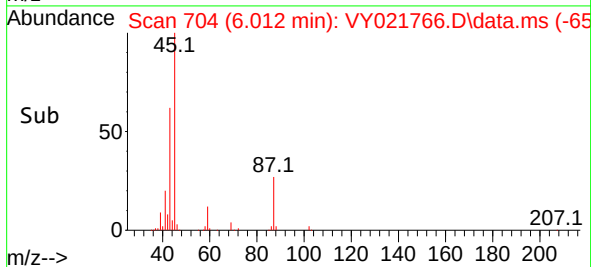
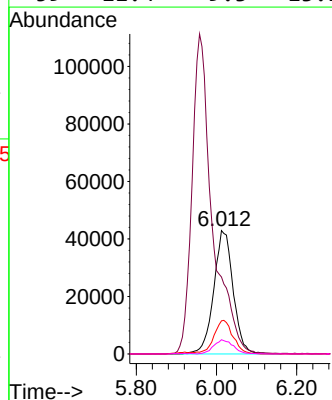
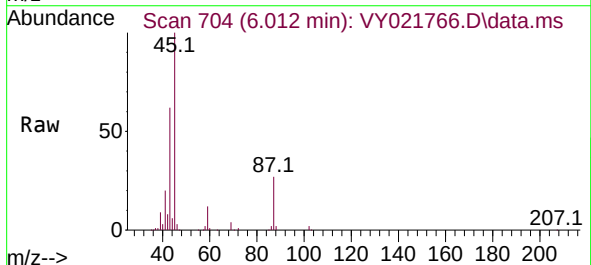
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

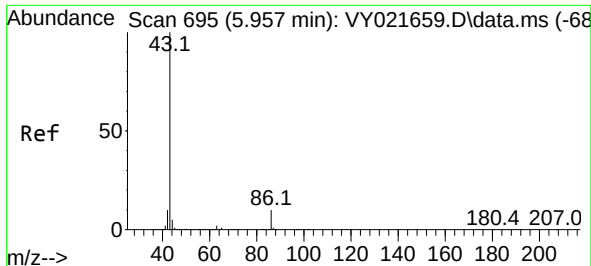
Tgt Ion: 96 Resp: 45198
Ion Ratio Lower Upper
96 100
61 140.1 109.4 164.0
98 68.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.157 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 45 Resp: 144188
Ion Ratio Lower Upper
45 100
43 61.9 46.6 69.8
87 26.8 20.7 31.1
59 11.4 9.3 13.9

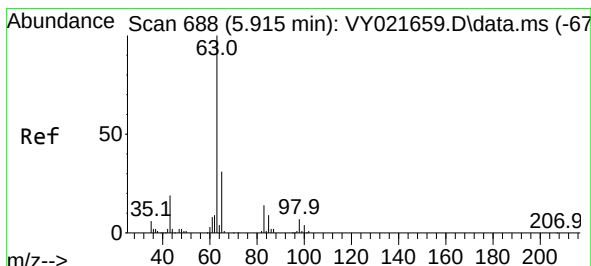
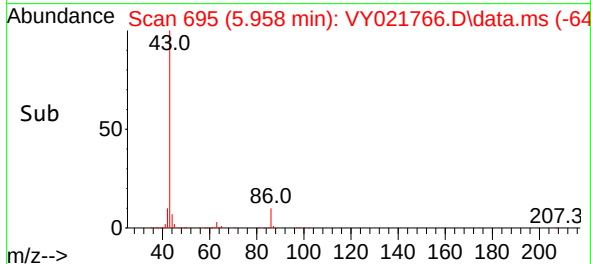
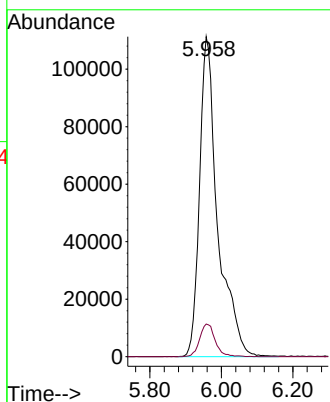
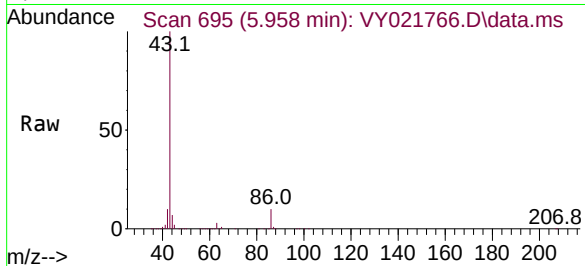




#23
 Vinyl Acetate
 Concen: 93.881 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

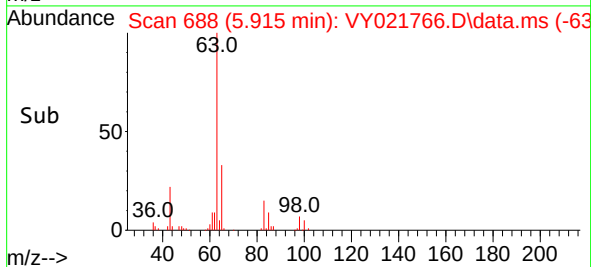
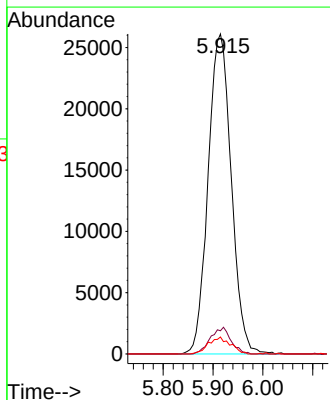
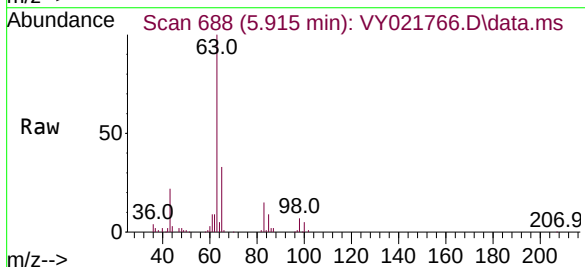
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

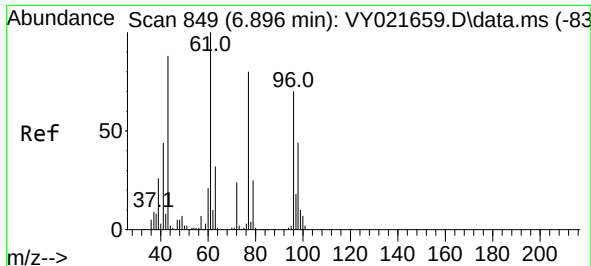
Tgt Ion: 43 Resp: 392861
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.685 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

Tgt Ion: 63 Resp: 84200
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 97.365 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

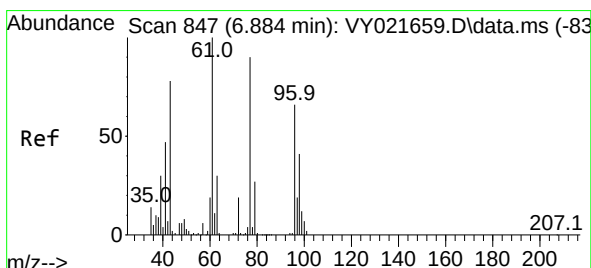
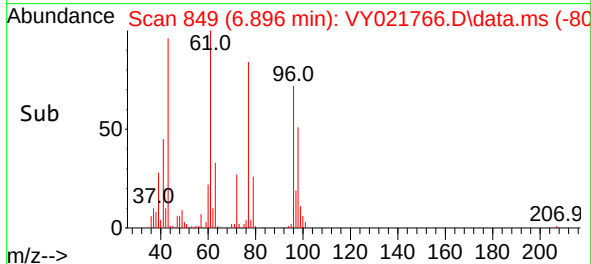
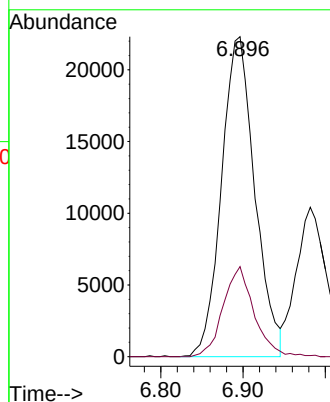
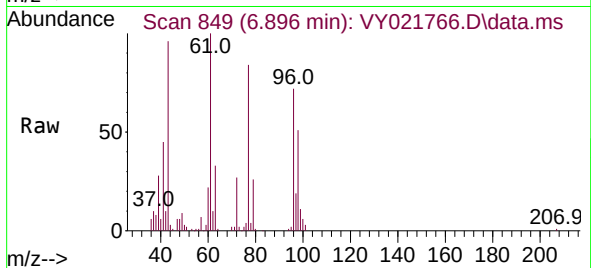
VY0403SBS01

Tgt Ion: 43 Resp: 62877

Ion Ratio Lower Upper

43 100

72 28.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.419 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021766.D

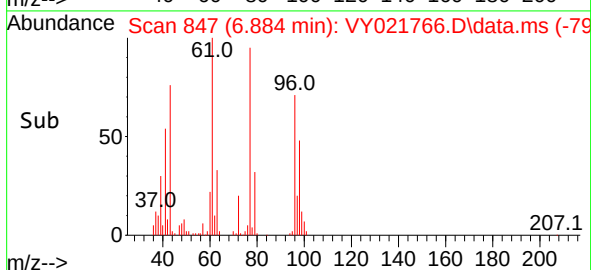
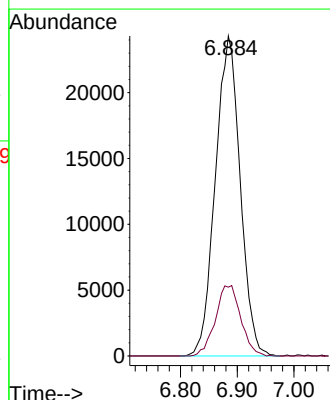
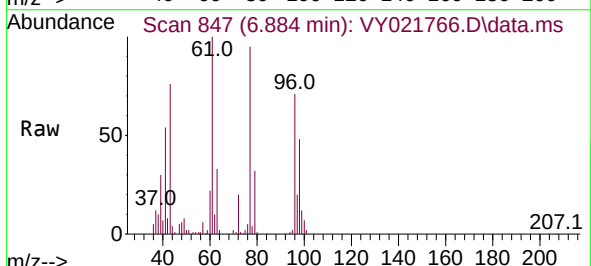
Acq: 03 Apr 2025 12:05

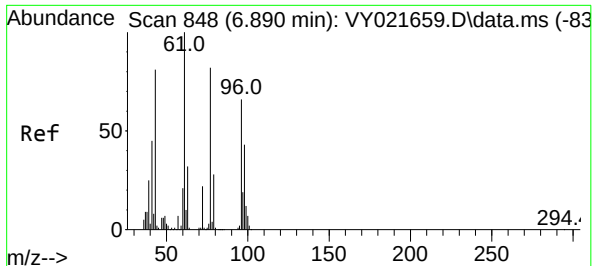
Tgt Ion: 77 Resp: 73885

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.453 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

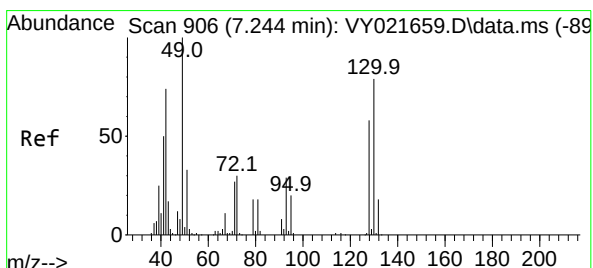
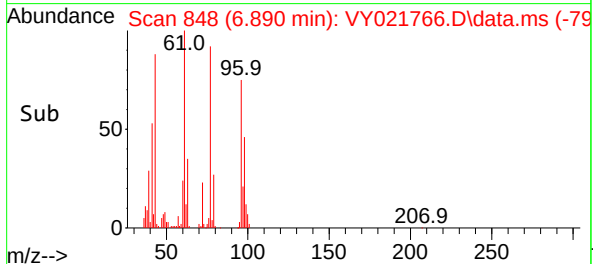
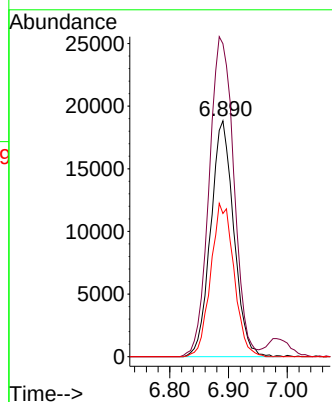
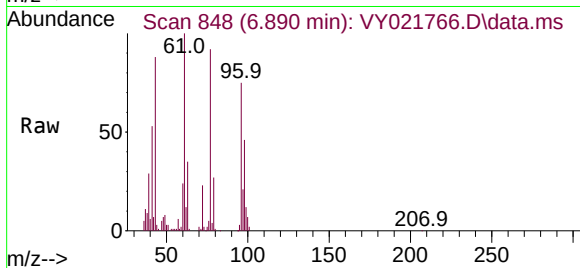
Tgt Ion: 96 Resp: 51515

Ion Ratio Lower Upper

96 100

61 144.9 0.0 296.4

98 65.1 0.0 128.0



#28

Bromochloromethane

Concen: 20.258 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

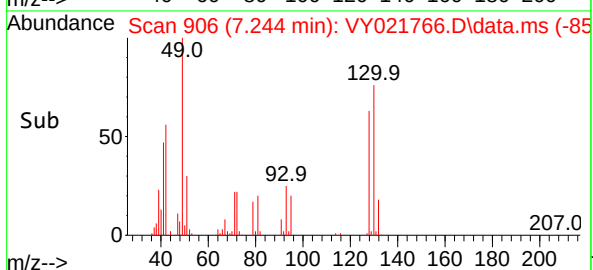
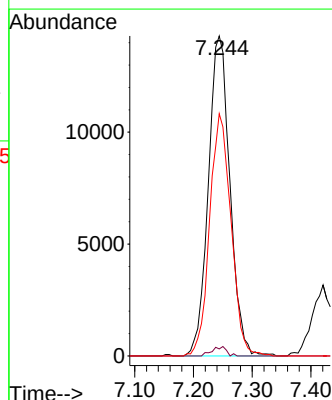
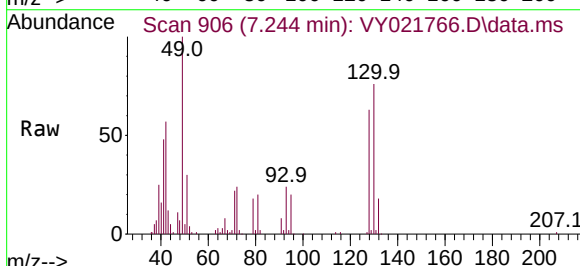
Tgt Ion: 49 Resp: 36543

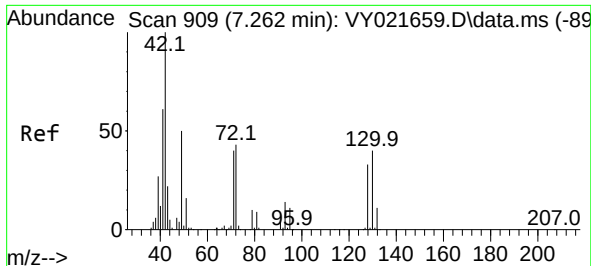
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 74.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 93.891 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

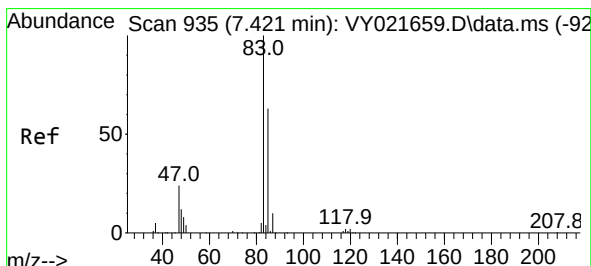
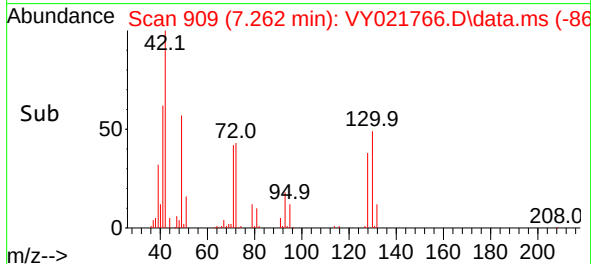
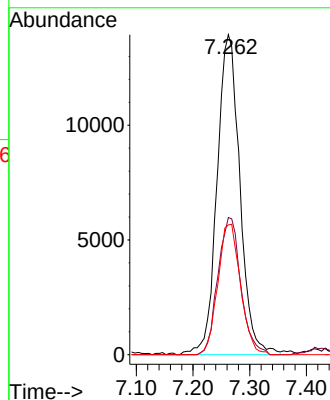
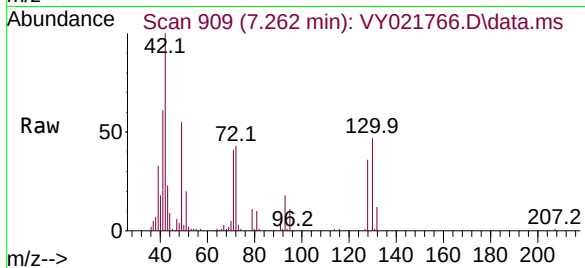
Tgt Ion: 42 Resp: 39023

Ion Ratio Lower Upper

42 100

72 42.9 34.6 52.0

71 40.4 32.5 48.7



#30

Chloroform

Concen: 20.087 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021766.D

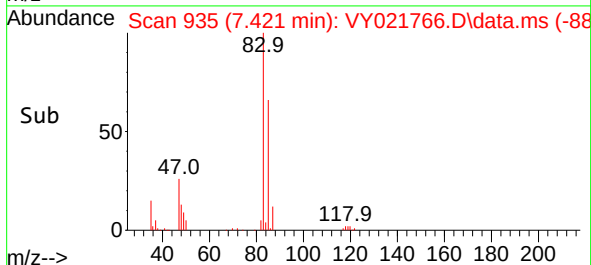
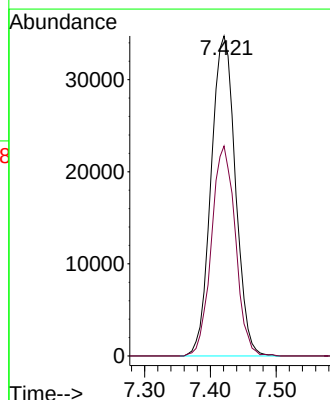
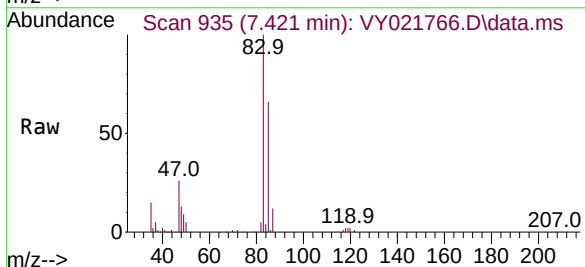
Acq: 03 Apr 2025 12:05

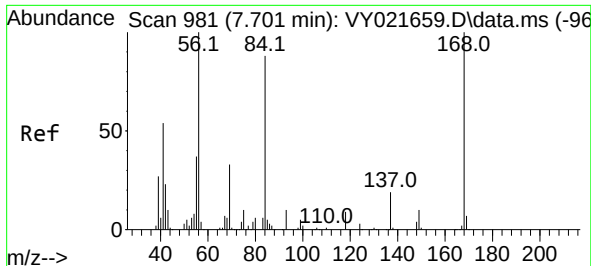
Tgt Ion: 83 Resp: 89363

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

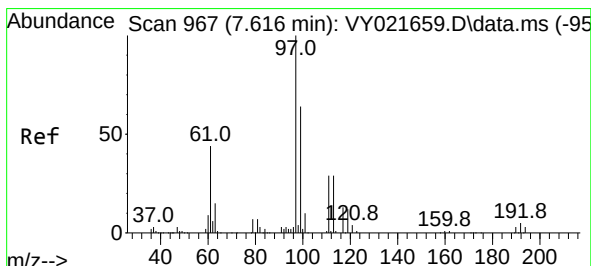
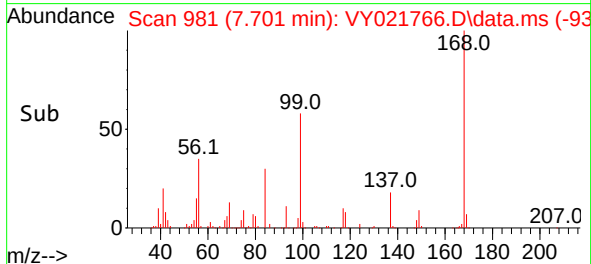
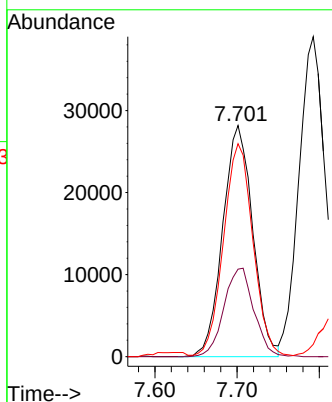
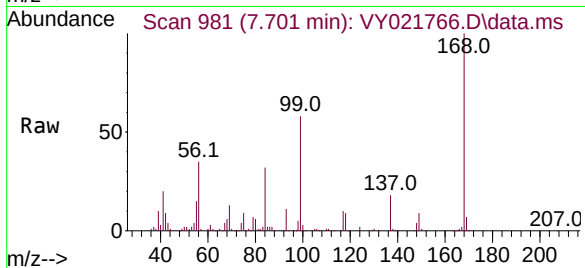




#31
Cyclohexane
Concen: 18.336 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

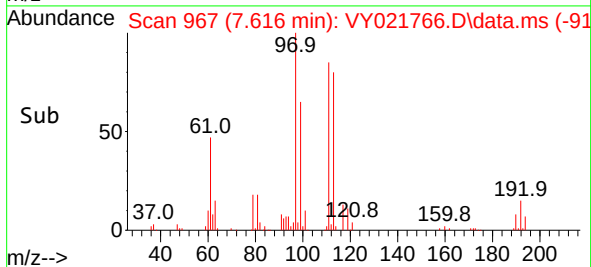
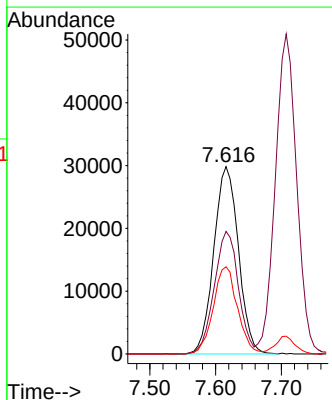
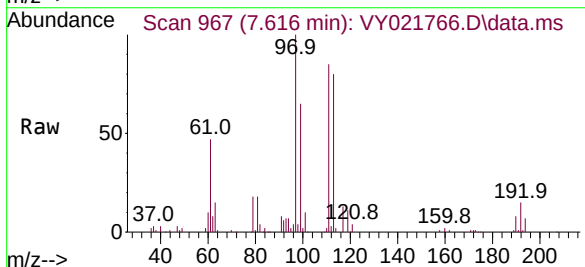
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

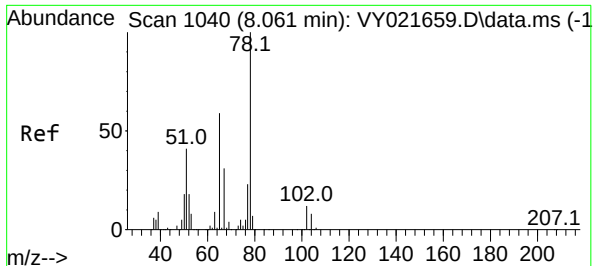
Tgt Ion: 56 Resp: 71494
Ion Ratio Lower Upper
56 100
69 37.9 26.6 40.0
84 90.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.327 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 97 Resp: 77712
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 45.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.908 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

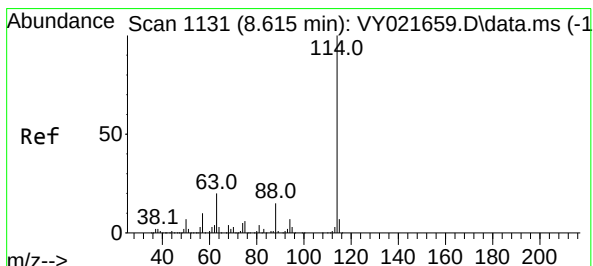
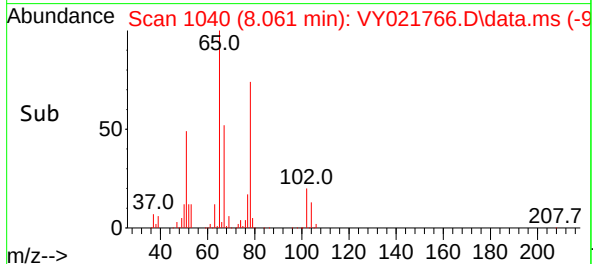
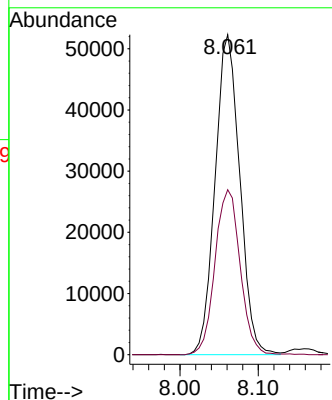
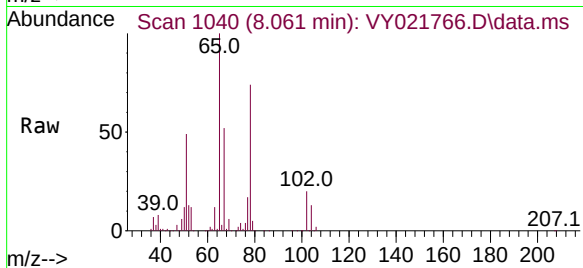
VY0403SBS01

Tgt Ion: 65 Resp: 114675

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

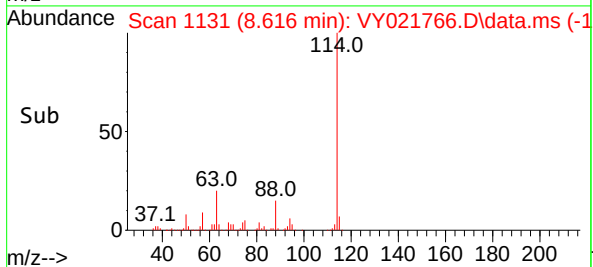
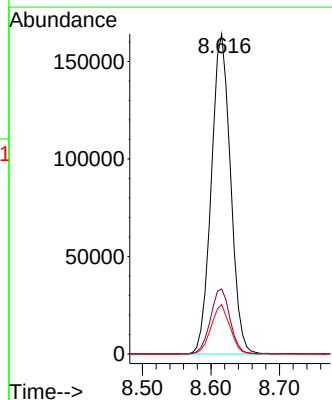
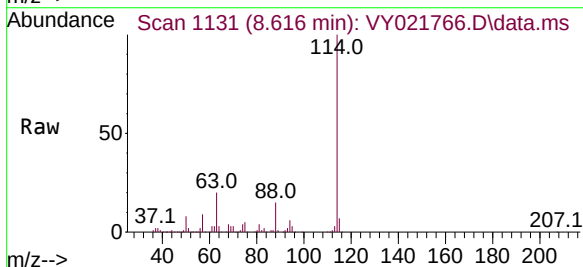
Tgt Ion: 114 Resp: 319045

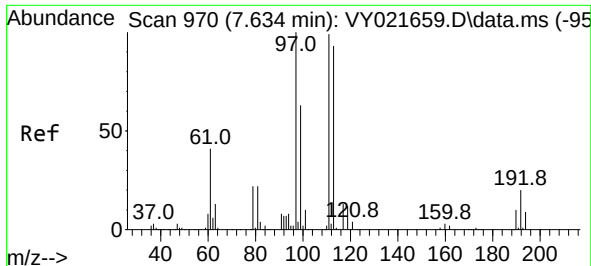
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.4 0.0 29.8

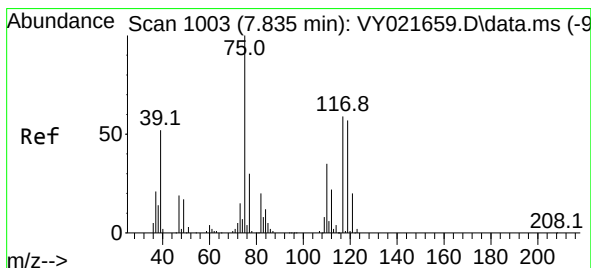
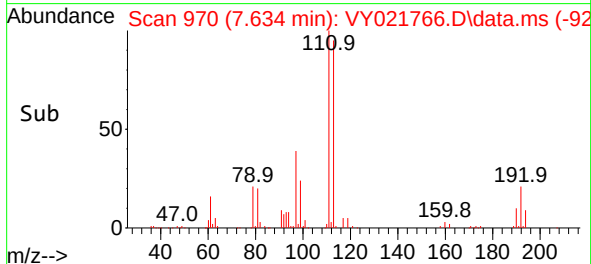
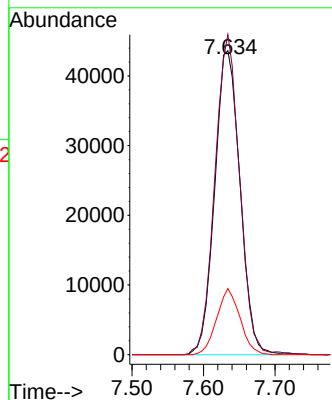
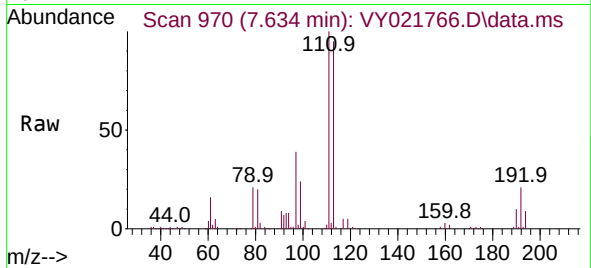




#35
Dibromofluoromethane
Concen: 51.829 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

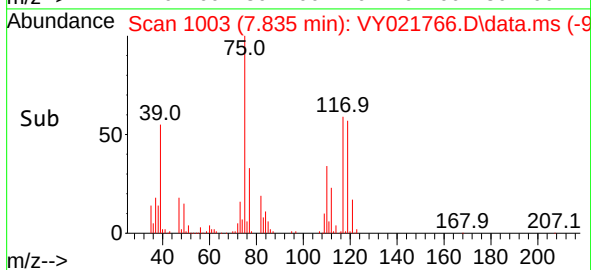
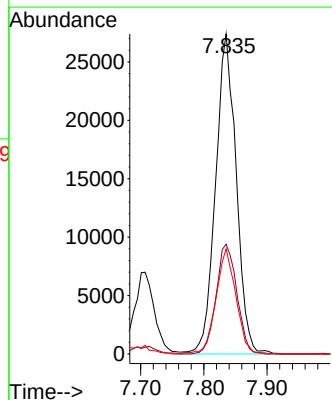
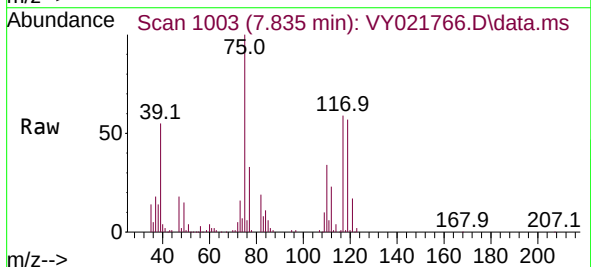
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

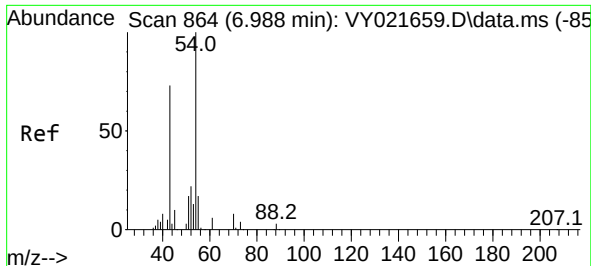
Tgt Ion:113 Resp: 107264
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.644 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 75 Resp: 61924
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 18.811 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021766.D

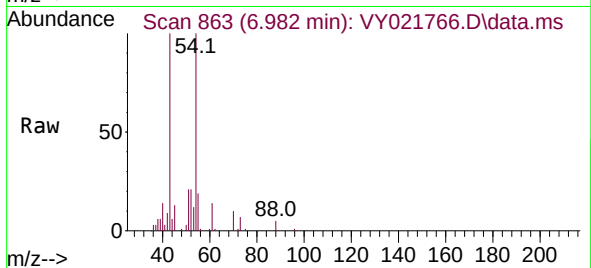
Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

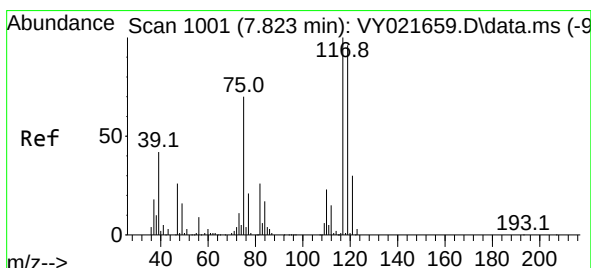
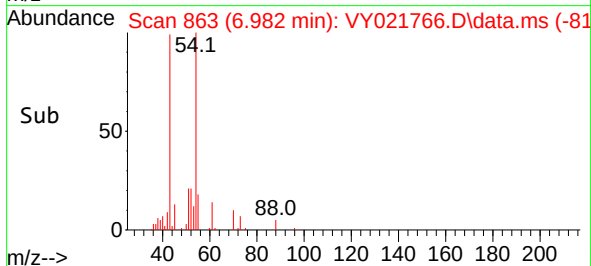
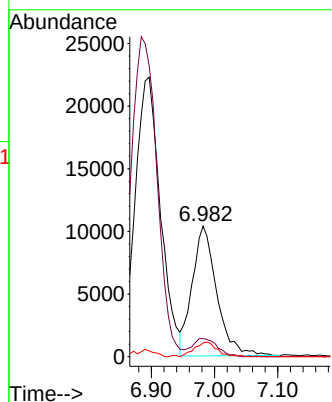
ClientSampleId :

VY0403SBS01



Tgt Ion: 43 Resp: 27986

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.6
70	10.5	8.1	12.1



#38

Carbon Tetrachloride

Concen: 19.424 ug/l

RT: 7.817 min Scan# 1000

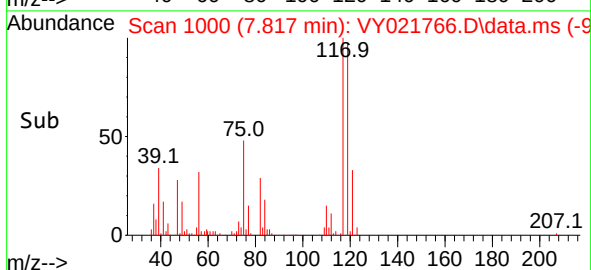
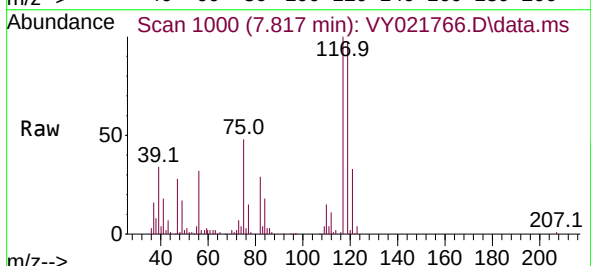
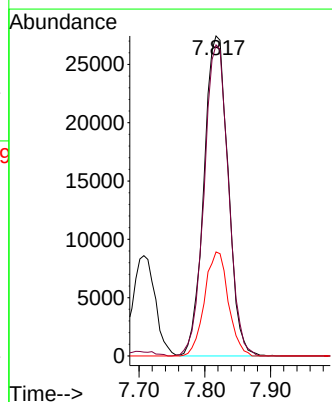
Delta R.T. -0.006 min

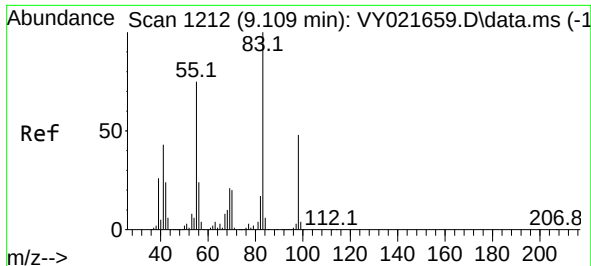
Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Tgt Ion: 117 Resp: 70131

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	32.5	24.2	36.4

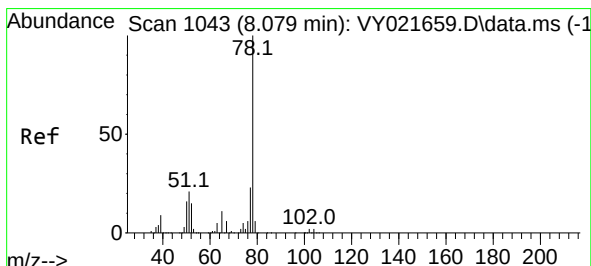
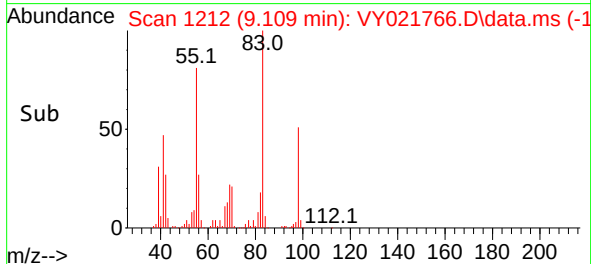
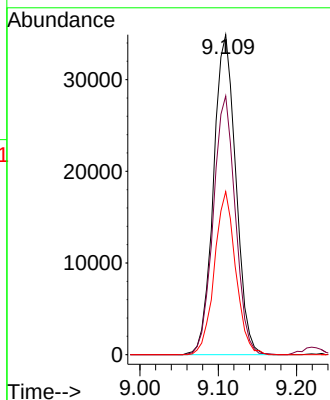
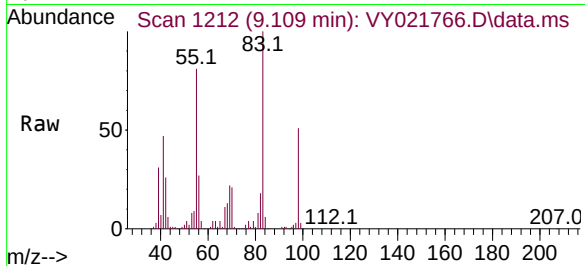




#39
Methylcyclohexane
Concen: 18.355 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

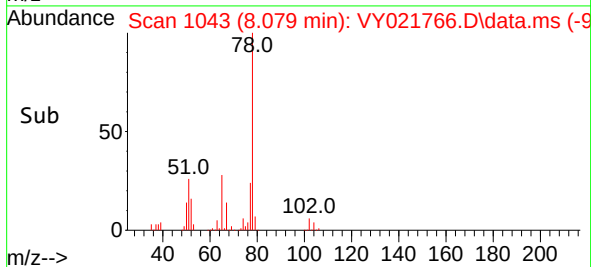
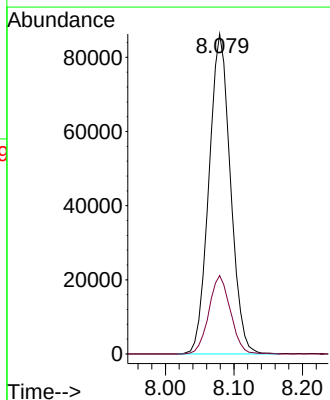
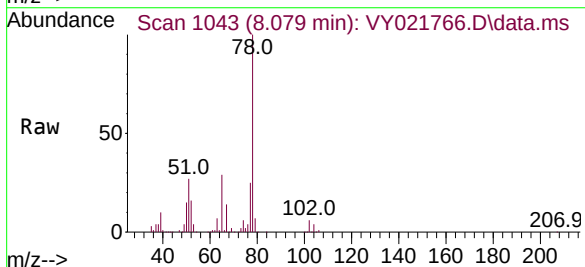
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

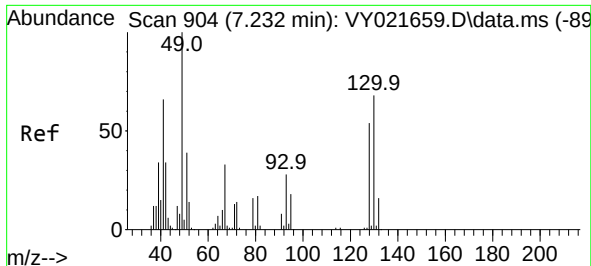
Tgt Ion: 83 Resp: 69119
Ion Ratio Lower Upper
83 100
55 80.8 59.7 89.5
98 51.0 38.3 57.5



#40
Benzene
Concen: 19.949 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 78 Resp: 188326
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

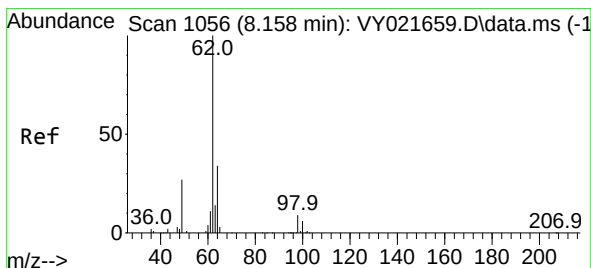
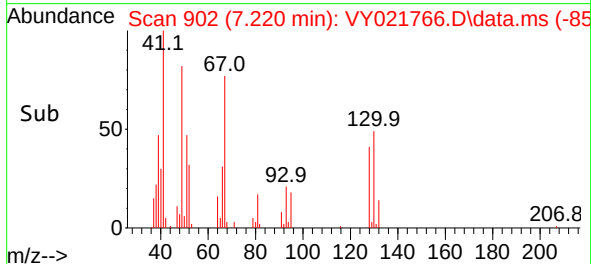
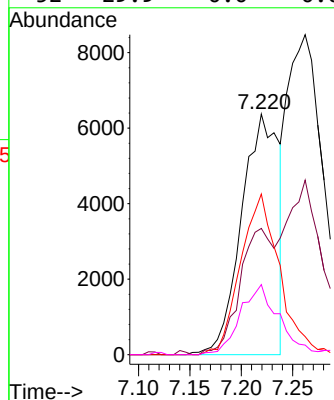
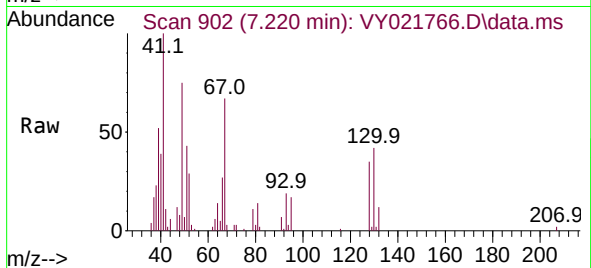




#41
Methacrylonitrile
Concen: 20.403 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

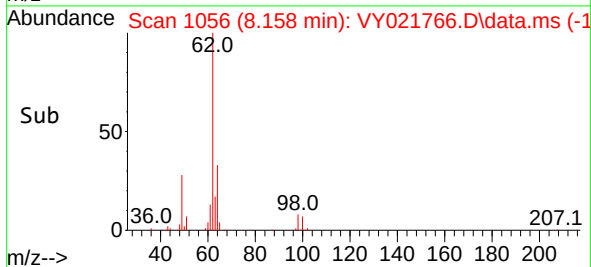
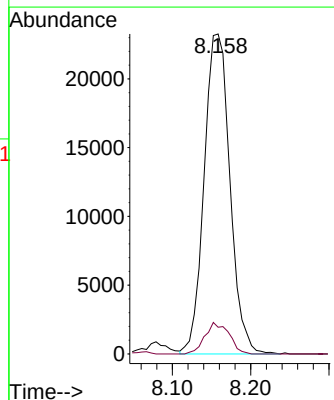
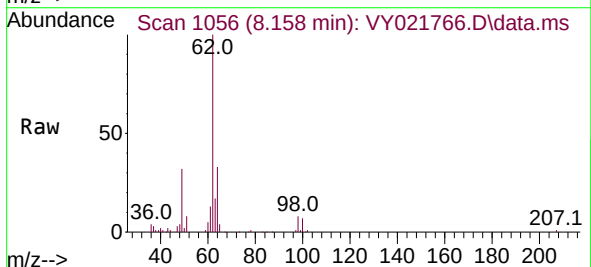
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

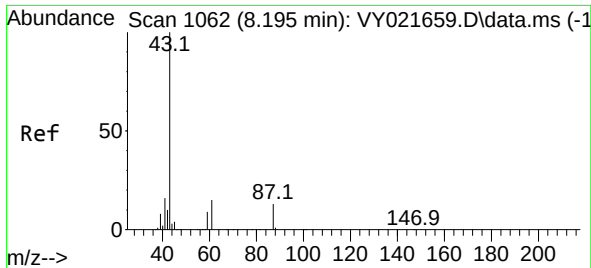
Tgt Ion: 41 Resp: 16120
Ion Ratio Lower Upper
41 100
39 47.1 0.0 0.0#
67 69.6 0.0 0.0#
52 29.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.009 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 62 Resp: 53252
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

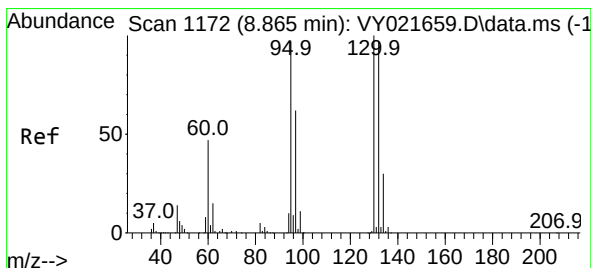
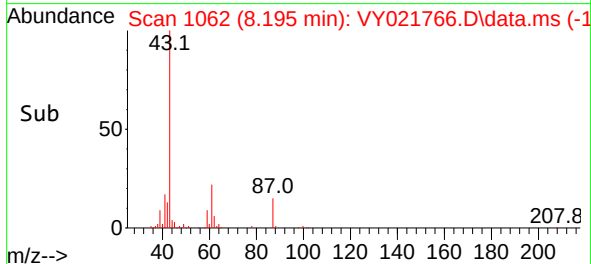
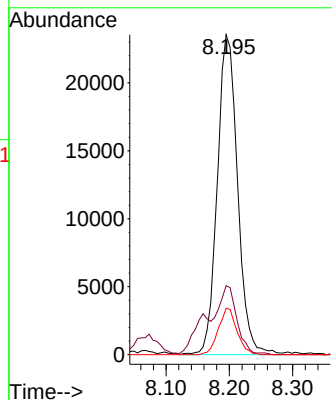
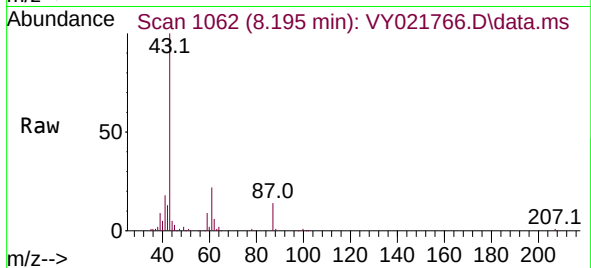




#43
Isopropyl Acetate
Concen: 18.610 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

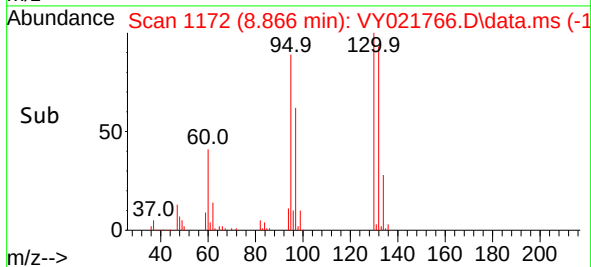
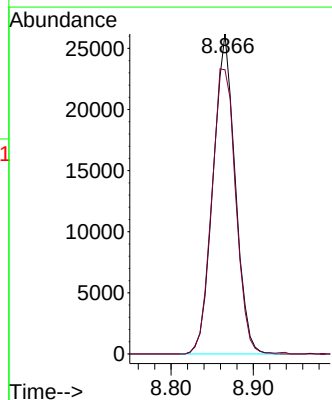
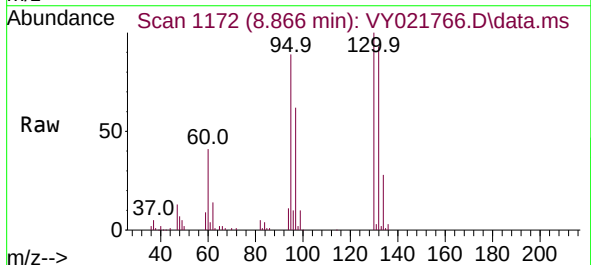
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

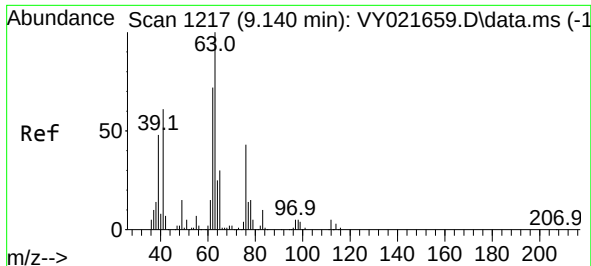
Tgt Ion: 43 Resp: 52467
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 13.2 10.4 15.6



#44
Trichloroethene
Concen: 20.287 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 130 Resp: 48796
Ion Ratio Lower Upper
130 100
95 88.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.484 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

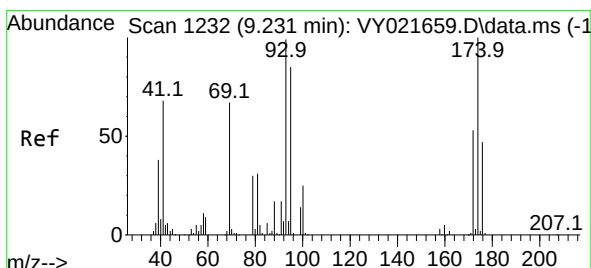
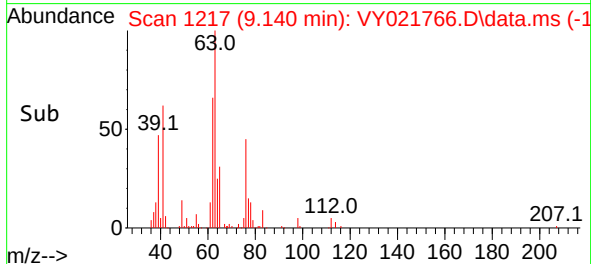
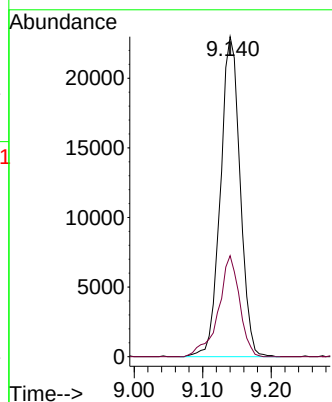
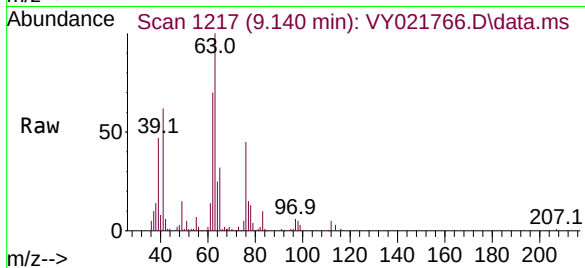
VY0403SBS01

Tgt Ion: 63 Resp: 45773

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



#46

Dibromomethane

Concen: 19.984 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

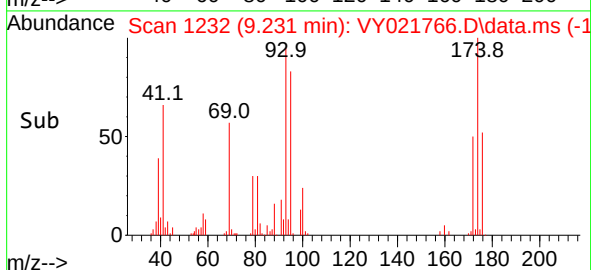
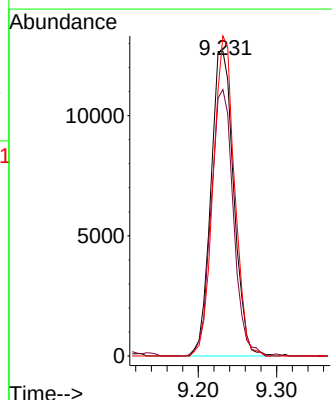
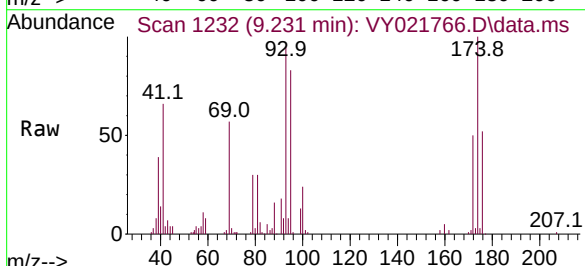
Tgt Ion: 93 Resp: 25737

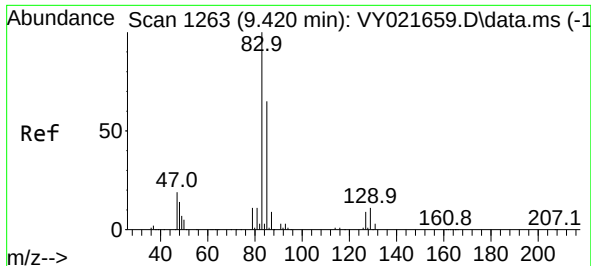
Ion Ratio Lower Upper

93 100

95 85.0 68.1 102.1

174 97.8 80.9 121.3

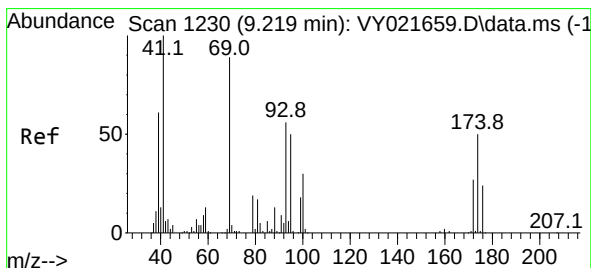
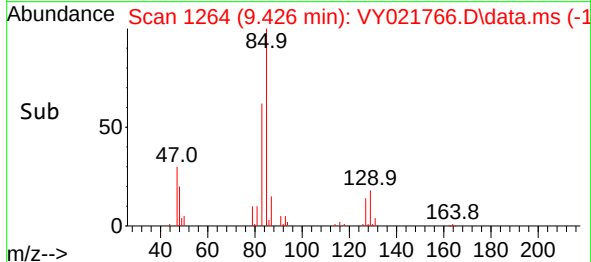
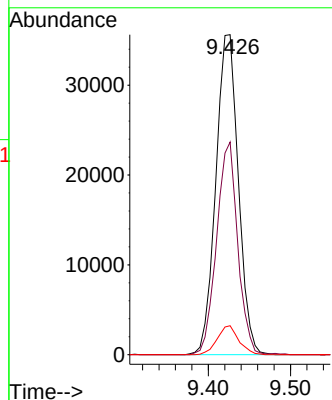
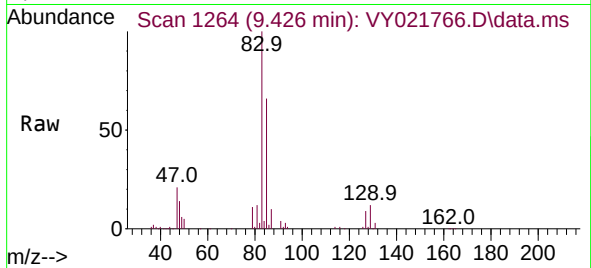




#47
Bromodichloromethane
Concen: 20.341 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

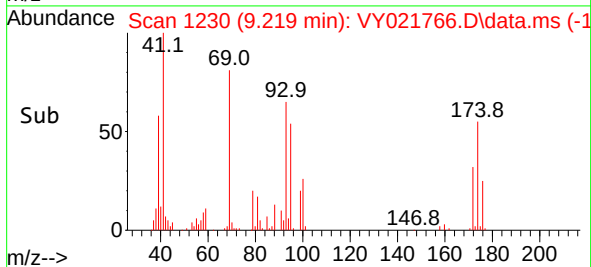
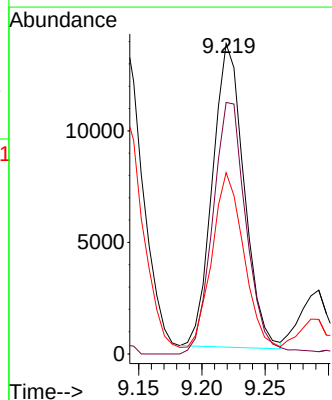
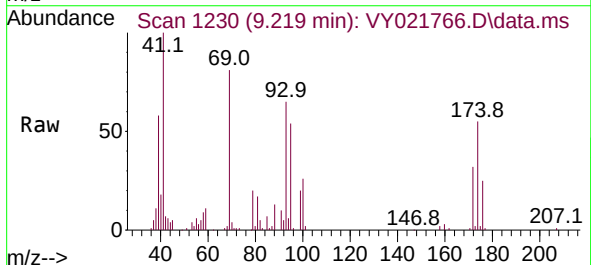
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

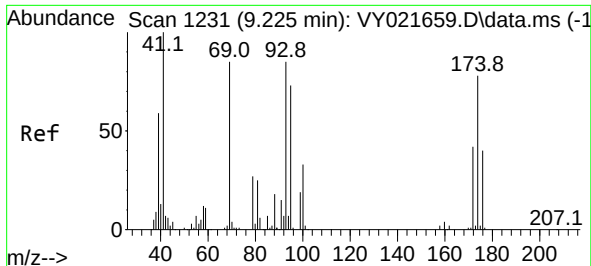
Tgt Ion: 83 Resp: 67879
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 18.243 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 41 Resp: 23605
Ion Ratio Lower Upper
41 100
69 88.1 69.8 104.8
39 58.2 47.2 70.8





#49

1,4-Dioxane

Concen: 393.732 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

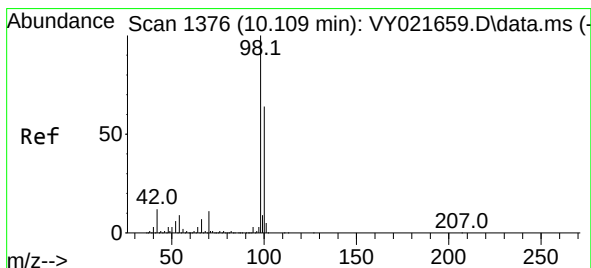
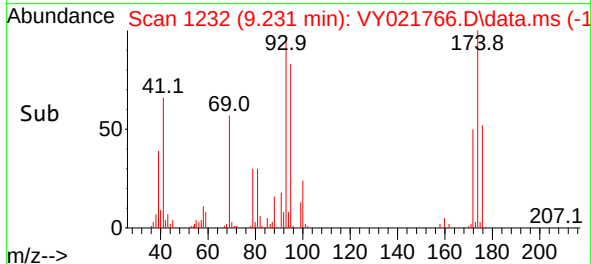
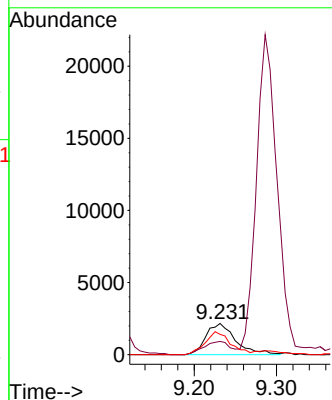
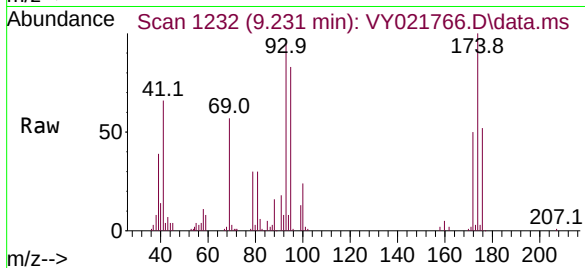
Tgt Ion: 88 Resp: 5432

Ion Ratio Lower Upper

88 100

43 37.4 28.8 43.2

58 62.6 59.4 89.2



#50

Toluene-d8

Concen: 52.967 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021766.D

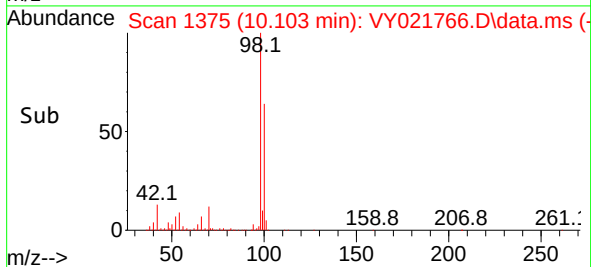
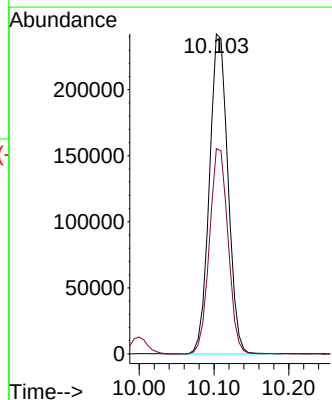
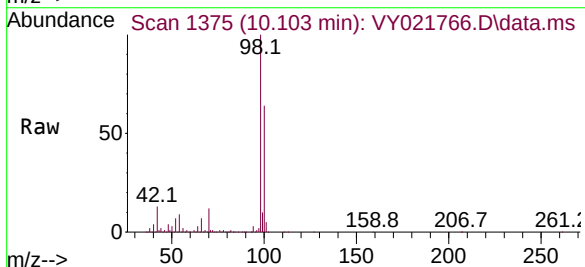
Acq: 03 Apr 2025 12:05

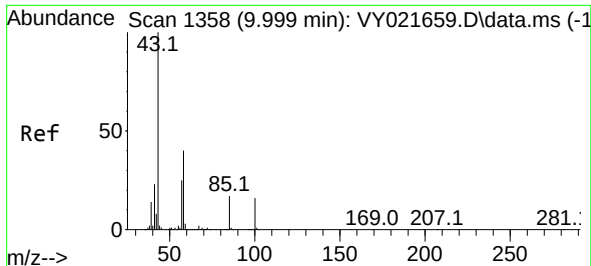
Tgt Ion: 98 Resp: 417029

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 93.737 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

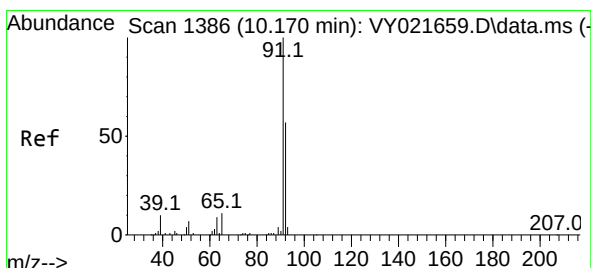
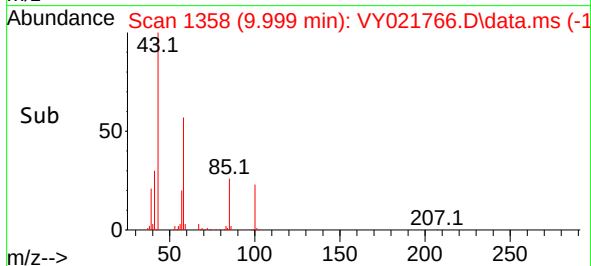
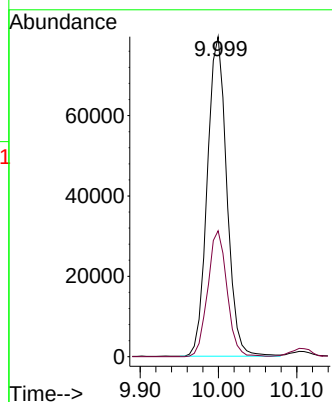
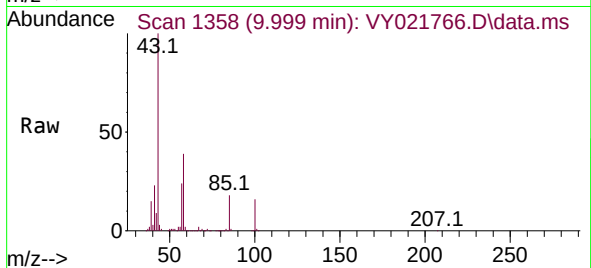
VY0403SBS01

Tgt Ion: 43 Resp: 137528

Ion Ratio Lower Upper

43 100

58 38.9 31.5 47.3



#52

Toluene

Concen: 20.098 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021766.D

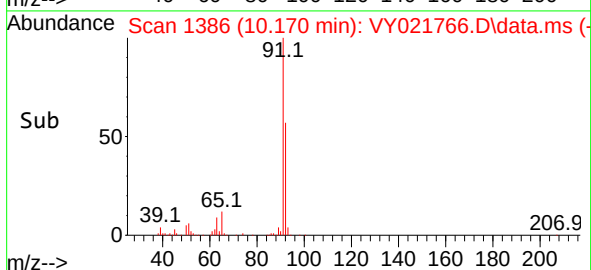
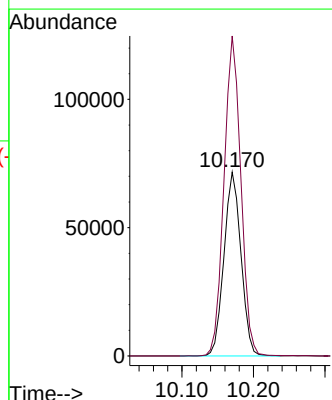
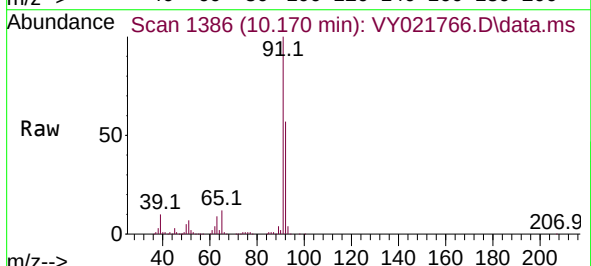
Acq: 03 Apr 2025 12:05

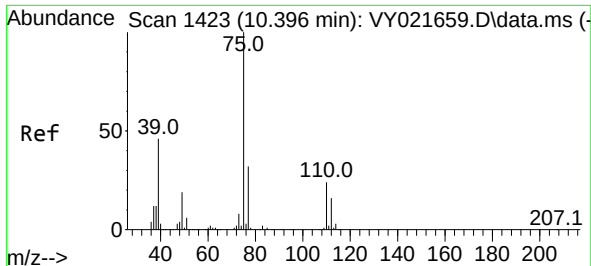
Tgt Ion: 92 Resp: 118375

Ion Ratio Lower Upper

92 100

91 172.6 138.6 207.8

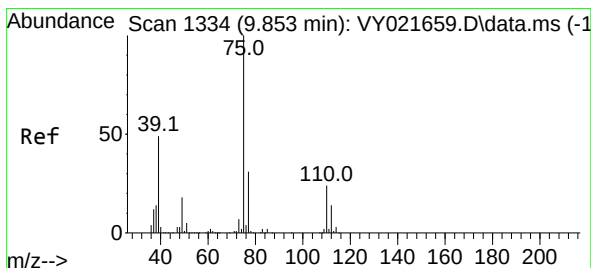
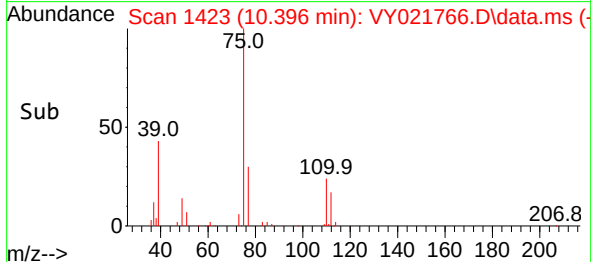
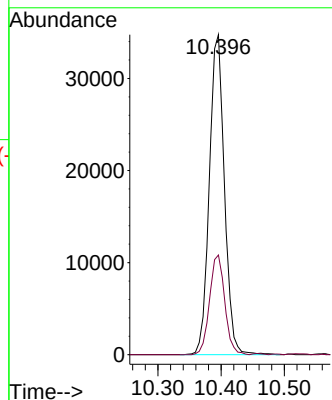
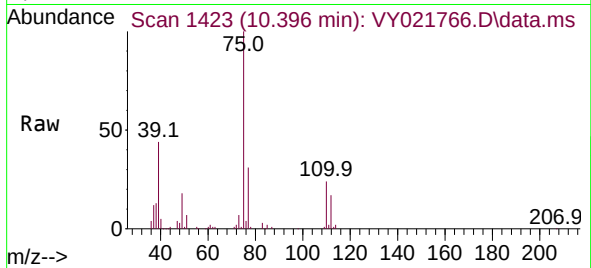




#53
 t-1,3-Dichloropropene
 Concen: 19.472 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

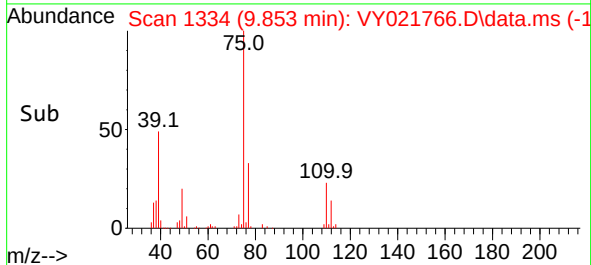
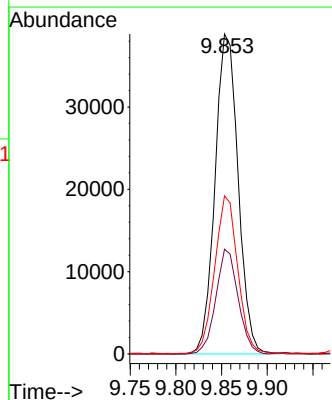
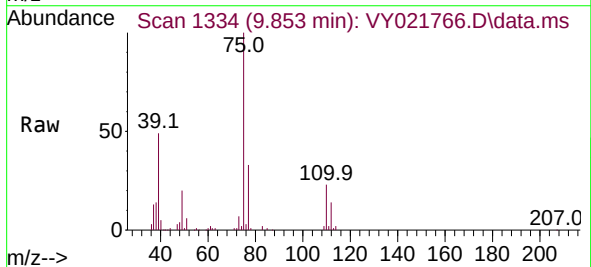
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

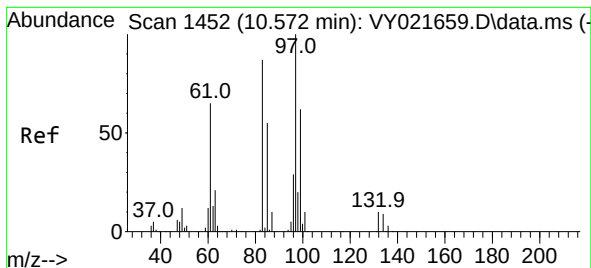
Tgt Ion: 75 Resp: 57716
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.582 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

Tgt Ion: 75 Resp: 68474
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3
 39 49.2 39.2 58.8

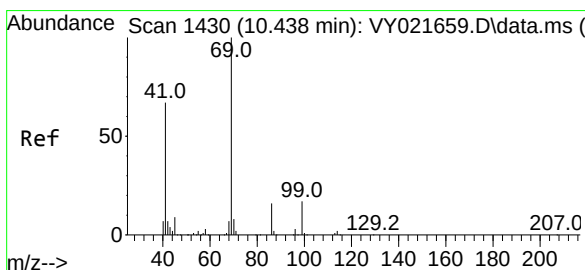
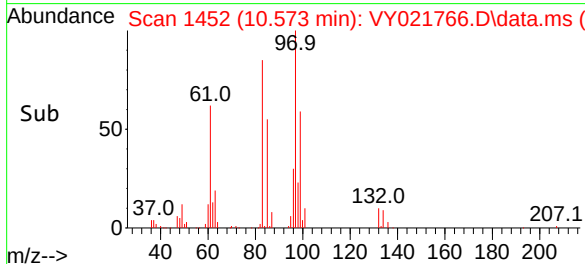
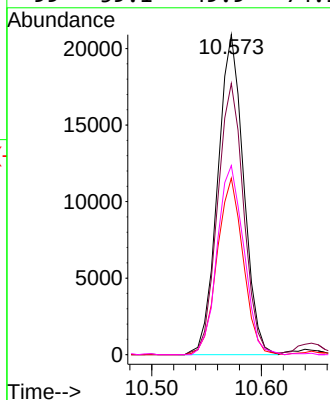
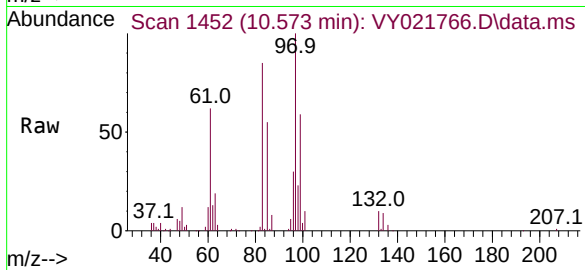




#55
1,1,2-Trichloroethane
Concen: 20.711 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

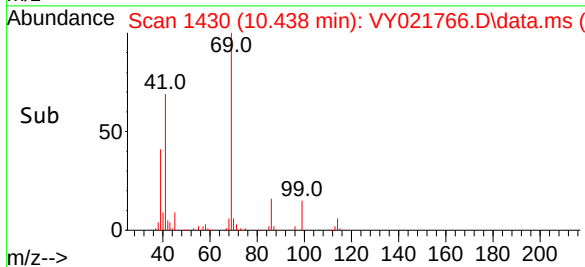
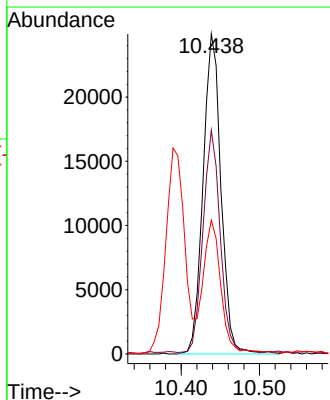
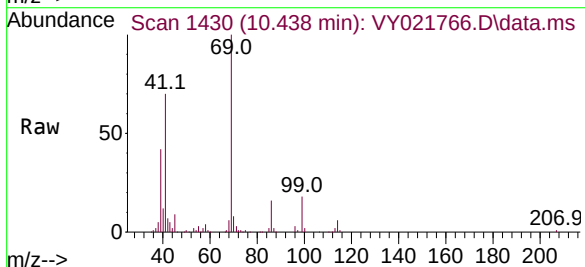
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

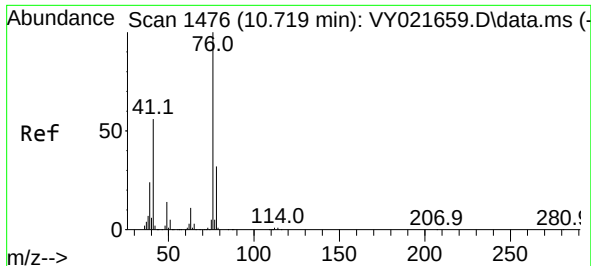
Tgt Ion: 97	Resp: 34324
Ion Ratio	Lower Upper
97 100	
83 84.8	69.5 104.3
85 55.2	43.9 65.9
99 59.1	49.9 74.9



#56
Ethyl methacrylate
Concen: 18.743 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 69	Resp: 39663
Ion Ratio	Lower Upper
69 100	
41 66.7	53.8 80.6
39 41.7	29.6 44.4





#57

1,3-Dichloropropane

Concen: 20.067 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

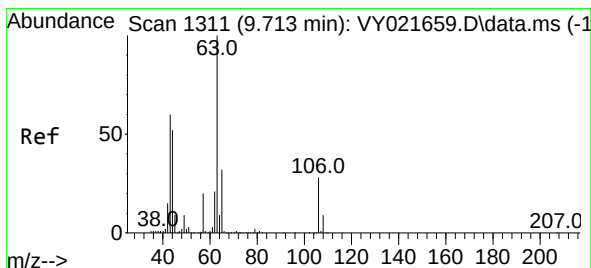
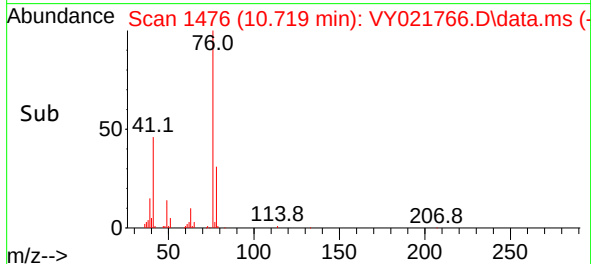
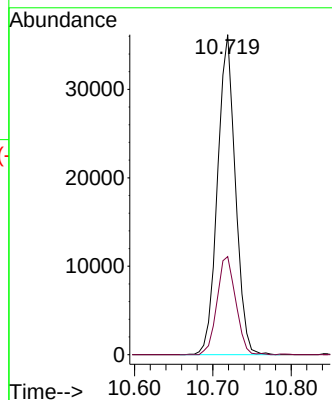
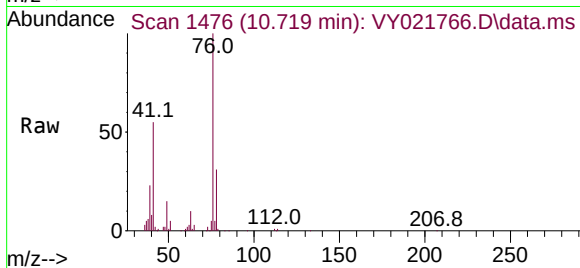
VY0403SBS01

Tgt Ion: 76 Resp: 57438

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.440 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021766.D

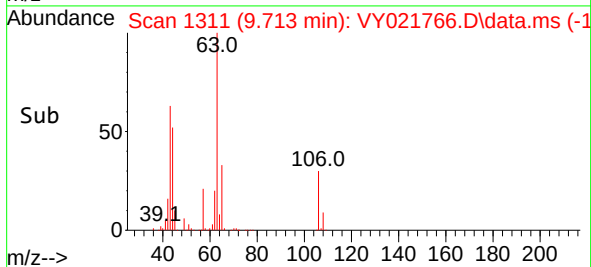
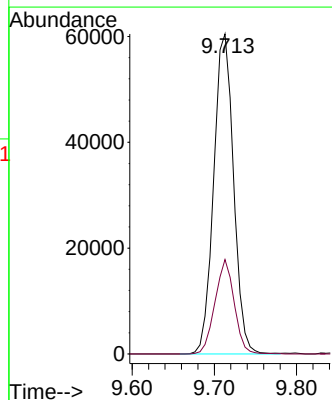
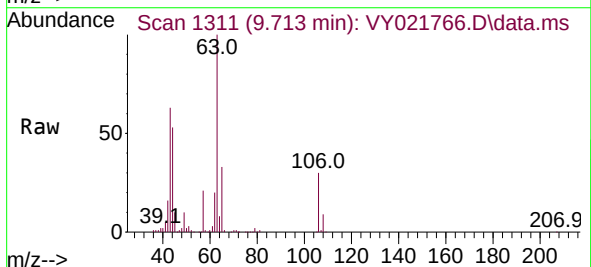
Acq: 03 Apr 2025 12:05

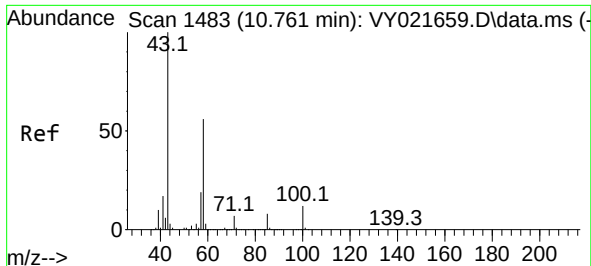
Tgt Ion: 63 Resp: 101625

Ion Ratio Lower Upper

63 100

106 28.5 22.4 33.6

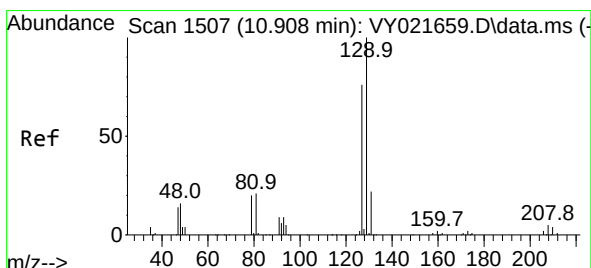
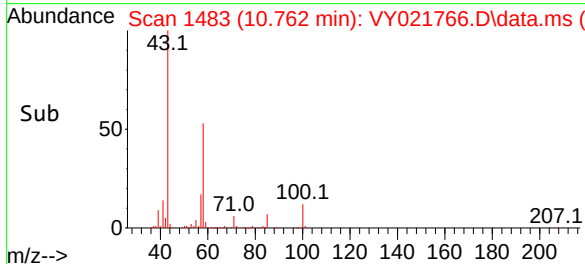
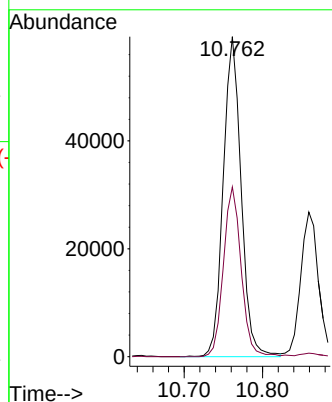
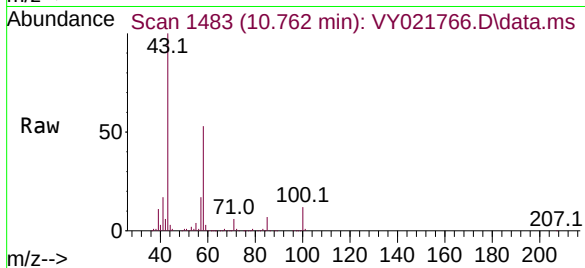




#59
2-Hexanone
Concen: 96.424 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

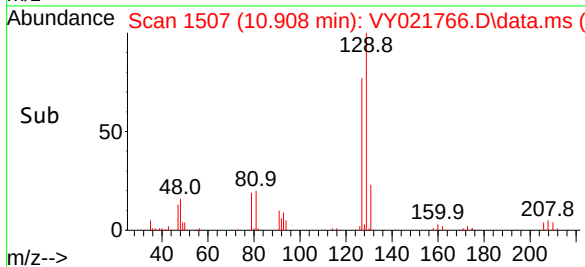
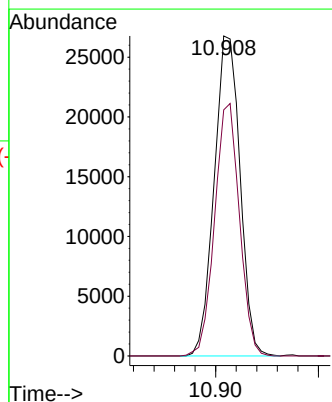
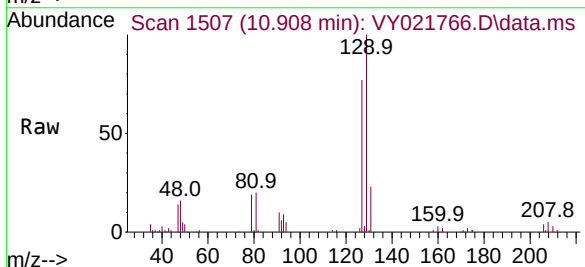
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

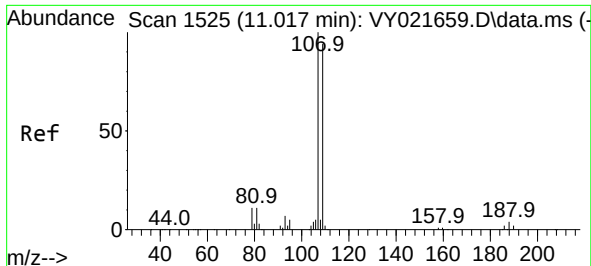
Tgt Ion: 43 Resp: 94217
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.5



#60
Dibromochloromethane
Concen: 20.646 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 129 Resp: 46718
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.7

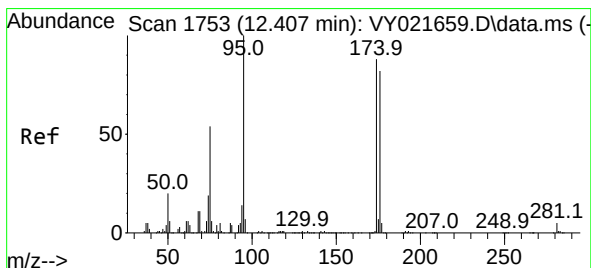
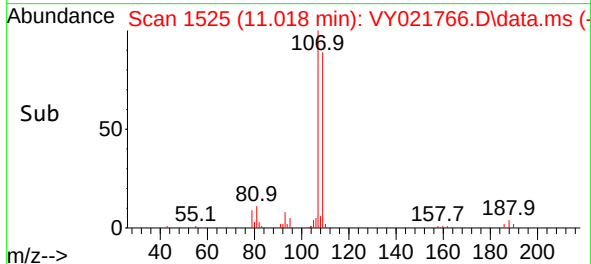
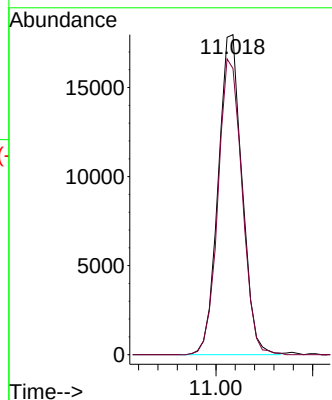
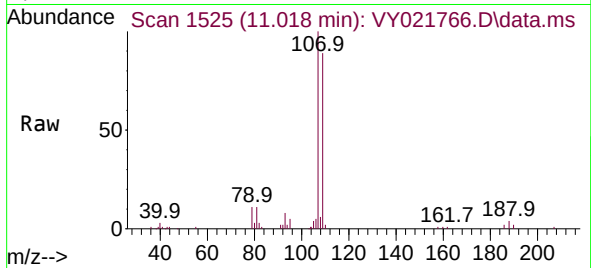




#61
1,2-Dibromoethane
Concen: 19.732 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

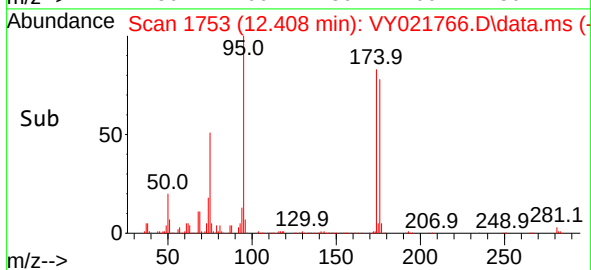
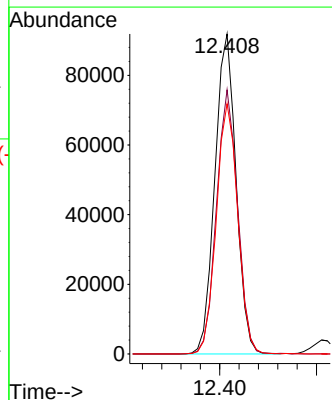
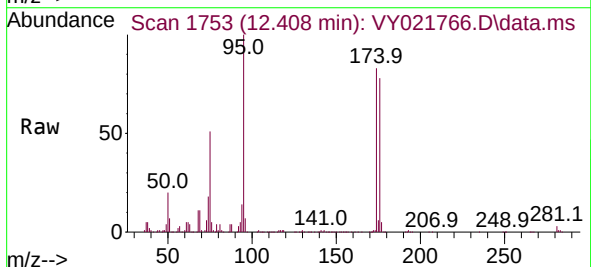
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

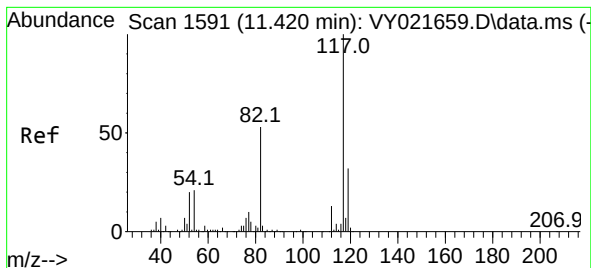
Tgt Ion:107 Resp: 30677
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.463 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 95 Resp: 139715
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 79.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

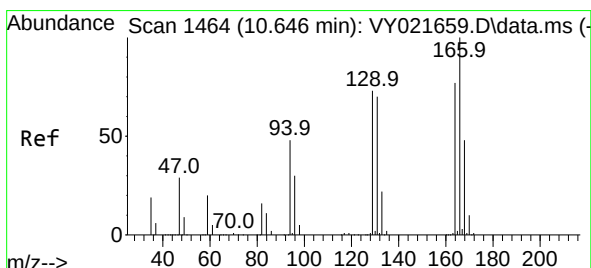
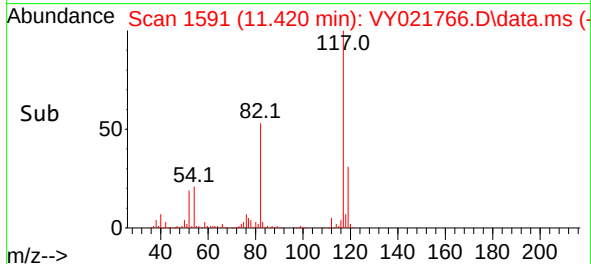
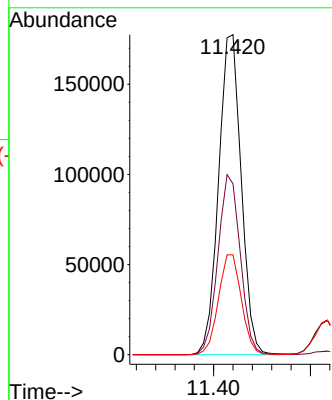
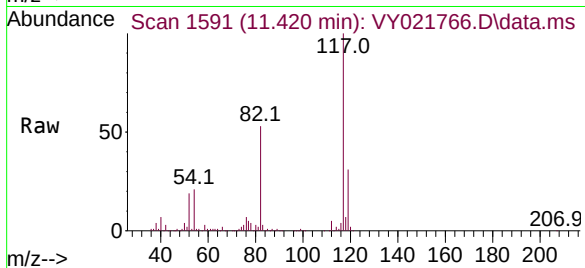
Tgt Ion:117 Resp: 287712

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

119 31.2 25.7 38.5



#64

Tetrachloroethene

Concen: 21.219 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Tgt Ion:164 Resp: 55603

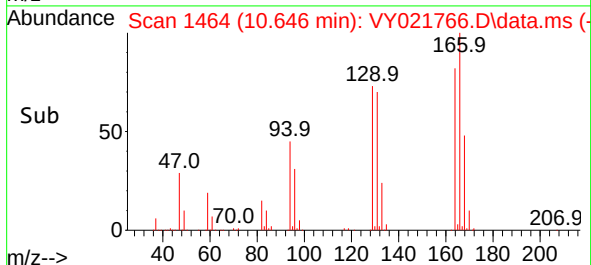
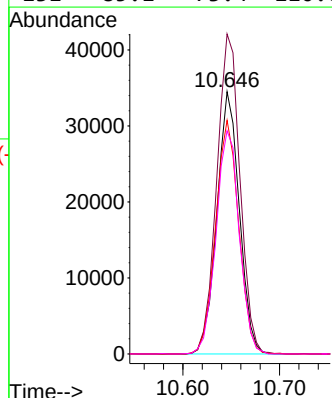
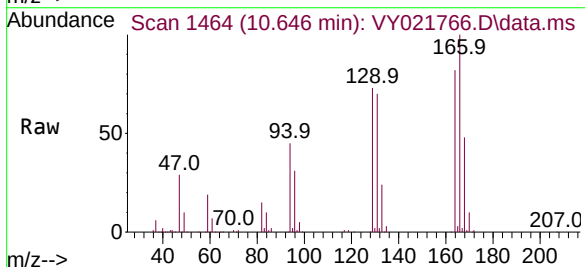
Ion Ratio Lower Upper

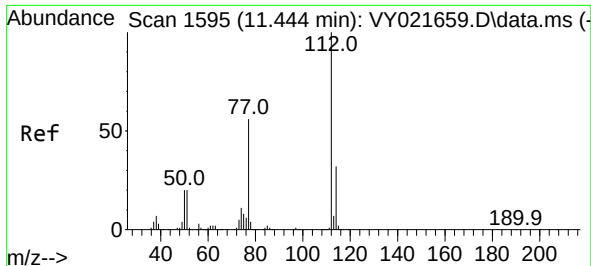
164 100

166 122.0 104.6 156.8

129 89.1 76.6 114.8

131 85.1 73.4 110.0

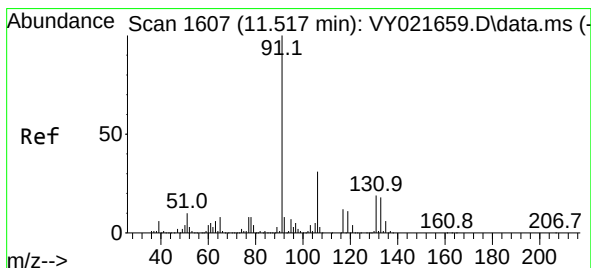
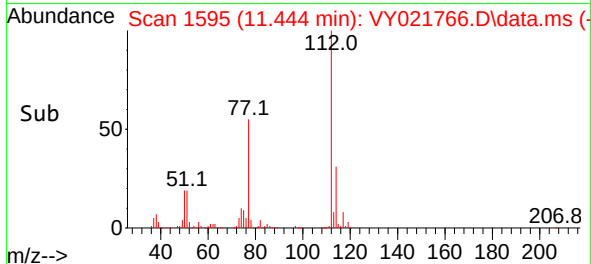
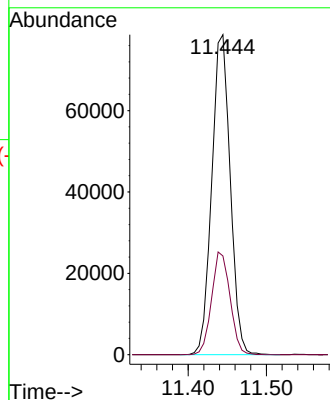
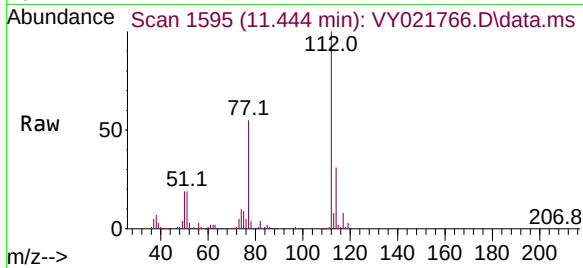




#65
Chlorobenzene
Concen: 19.506 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

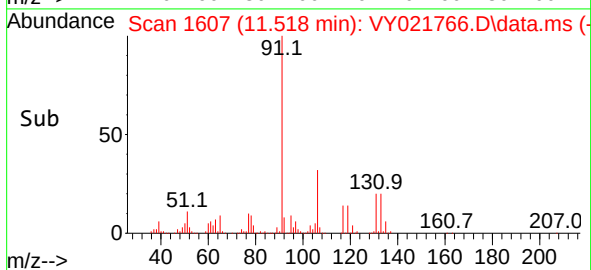
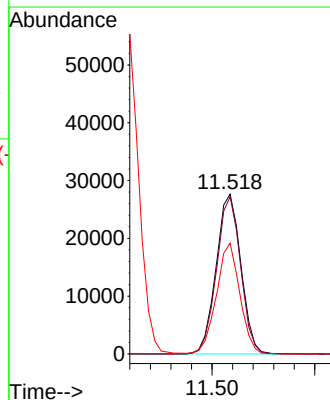
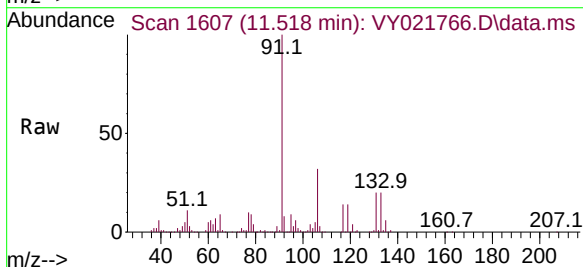
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

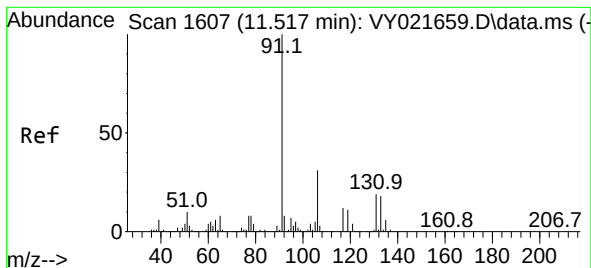
Tgt Ion:112 Resp: 128647
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.703 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion:131 Resp: 46105
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 65.8 31.6 95.0





#67

Ethyl Benzene

Concen: 18.880 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

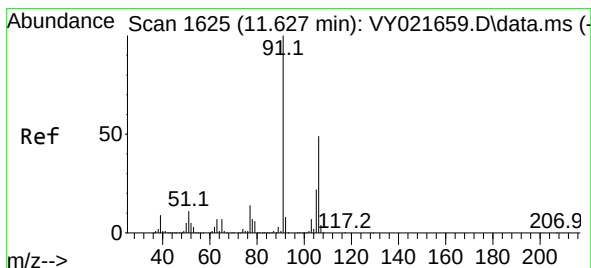
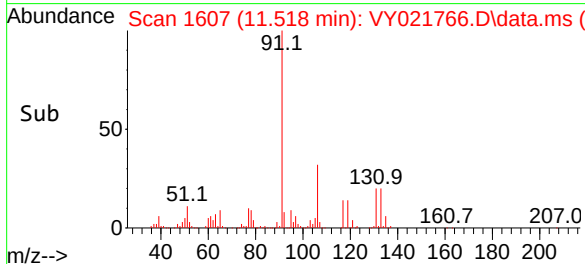
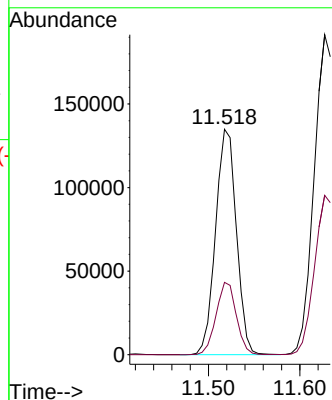
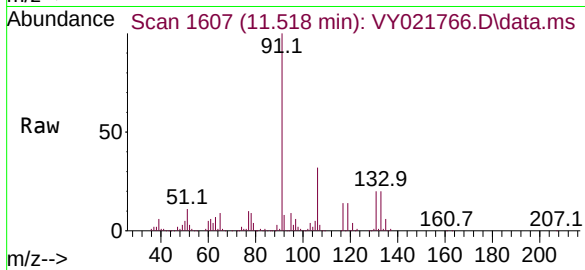
VY0403SBS01

Tgt Ion: 91 Resp: 213523

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 39.047 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021766.D

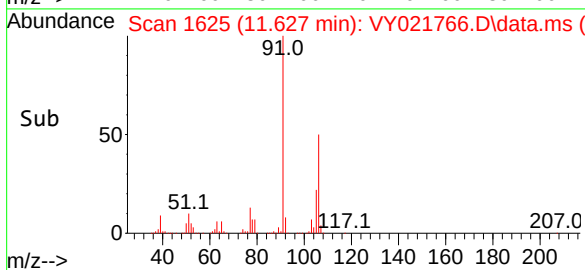
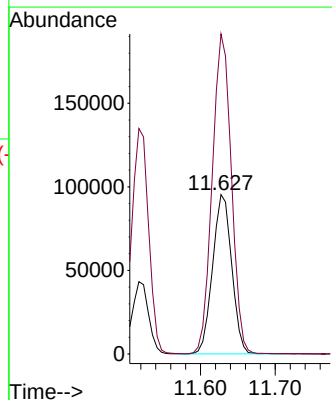
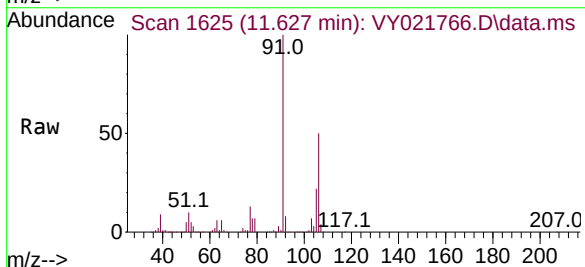
Acq: 03 Apr 2025 12:05

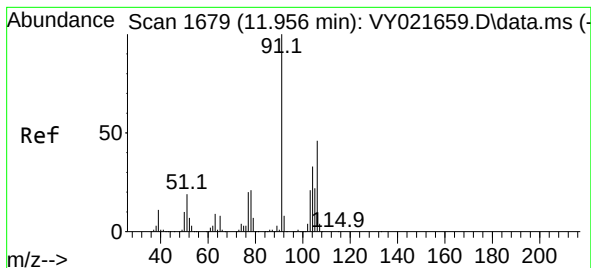
Tgt Ion:106 Resp: 169102

Ion Ratio Lower Upper

106 100

91 200.9 162.4 243.6





#69

o-Xylene

Concen: 19.520 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

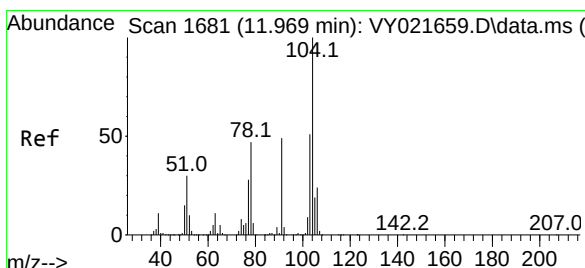
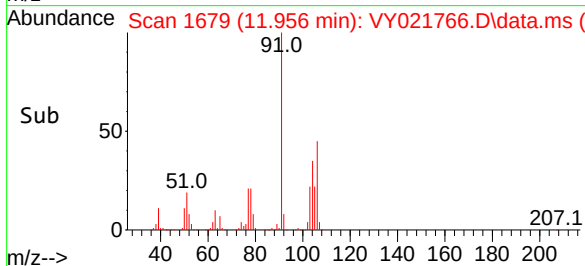
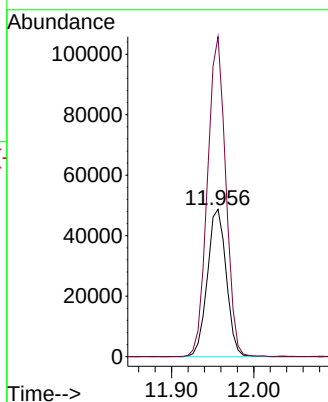
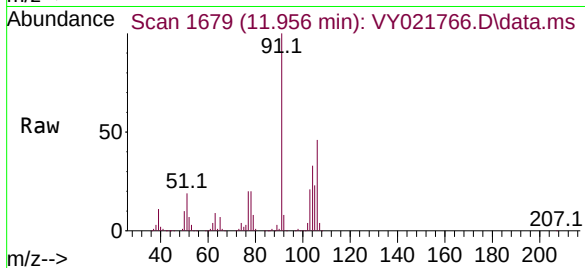
VY0403SBS01

Tgt Ion:106 Resp: 78032

Ion Ratio Lower Upper

106 100

91 210.3 106.7 319.9



#70

Styrene

Concen: 19.296 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

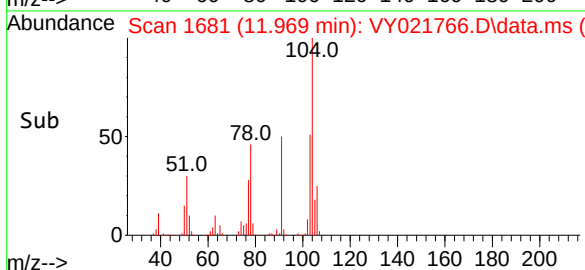
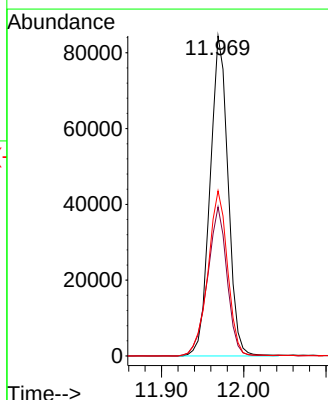
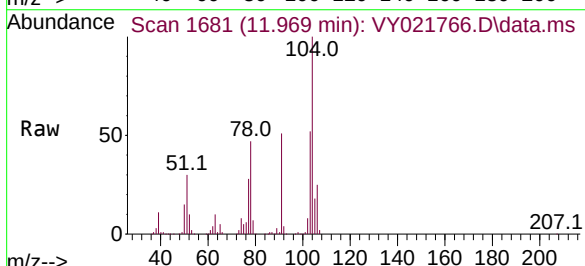
Tgt Ion:104 Resp: 128614

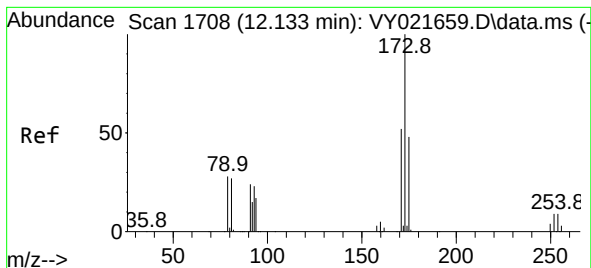
Ion Ratio Lower Upper

104 100

78 50.4 40.8 61.2

103 56.2 44.2 66.2





#71

Bromoform

Concen: 19.859 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

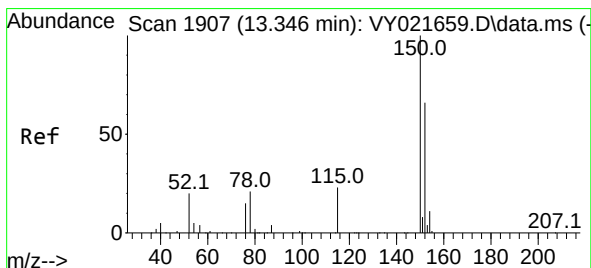
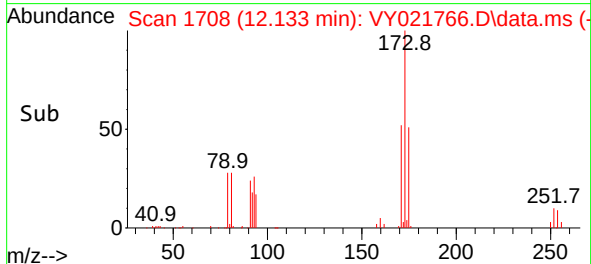
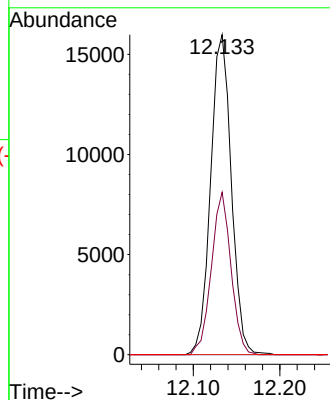
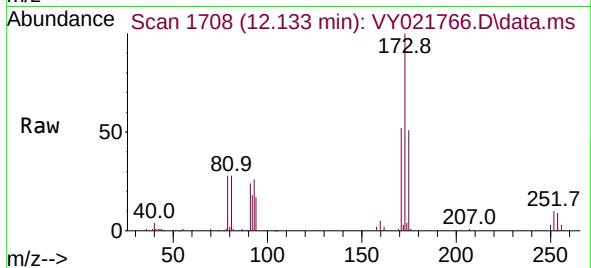
Tgt Ion:173 Resp: 26508

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

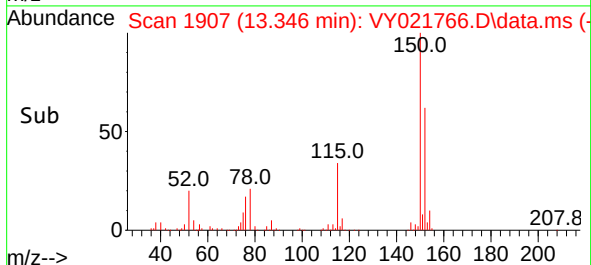
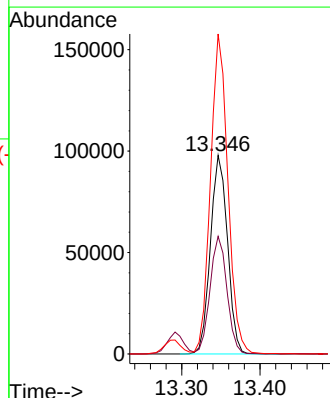
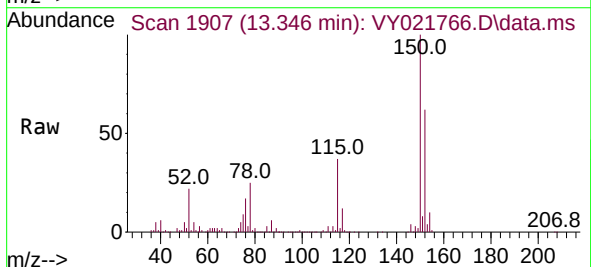
Tgt Ion:152 Resp: 148166

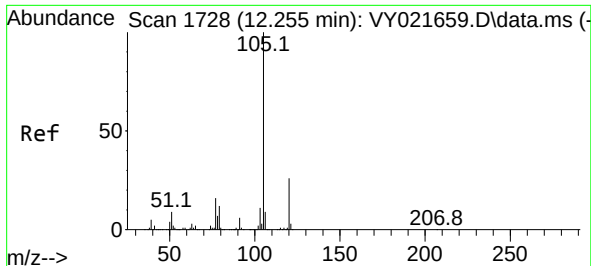
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 164.0 0.0 348.4

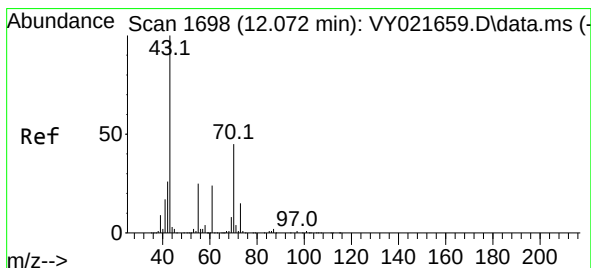
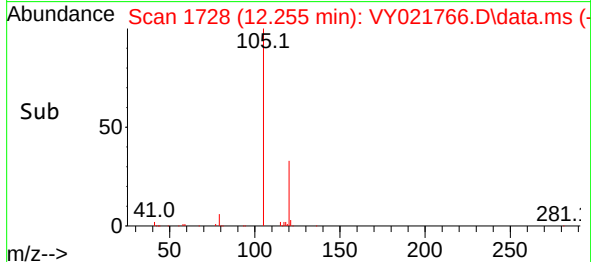
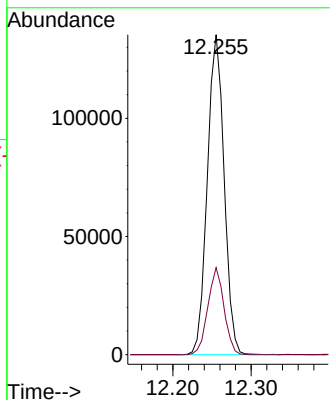
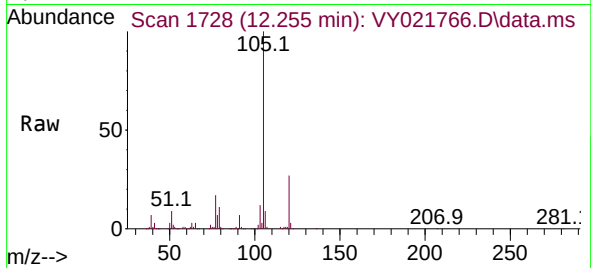




#73
Isopropylbenzene
Concen: 18.293 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

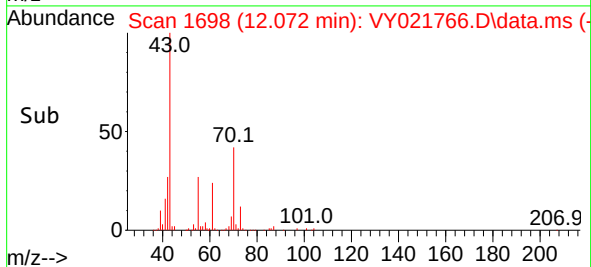
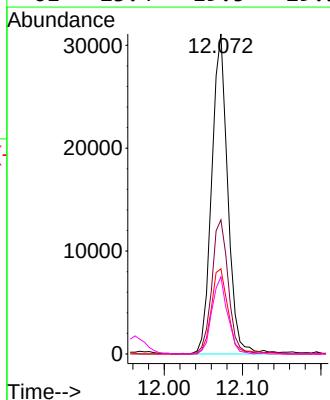
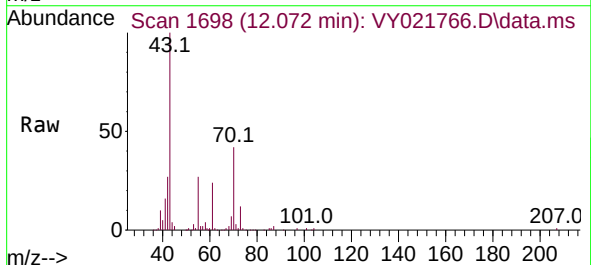
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

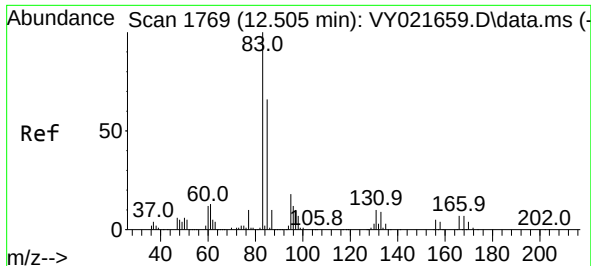
Tgt Ion:105 Resp: 201307
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 17.157 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 43 Resp: 44311
Ion Ratio Lower Upper
43 100
70 42.8 34.7 52.1
55 28.2 21.2 31.8
61 23.4 19.5 29.3

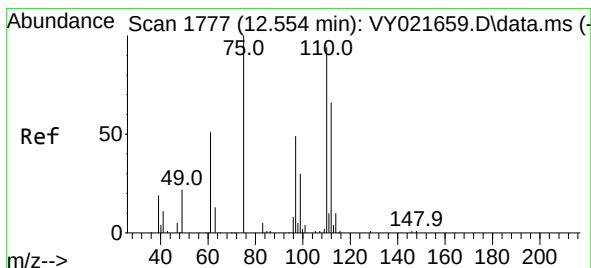
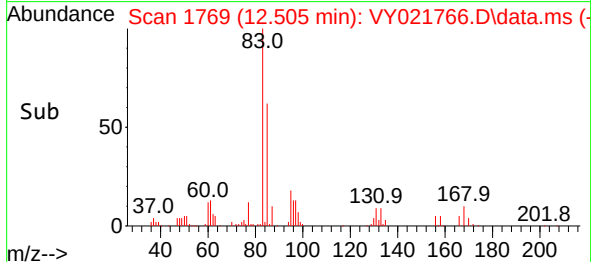
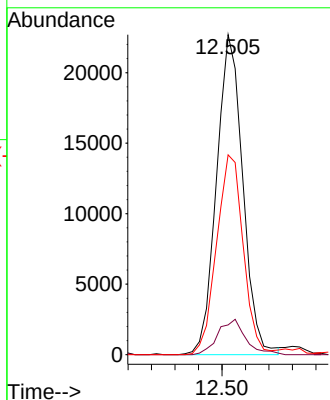
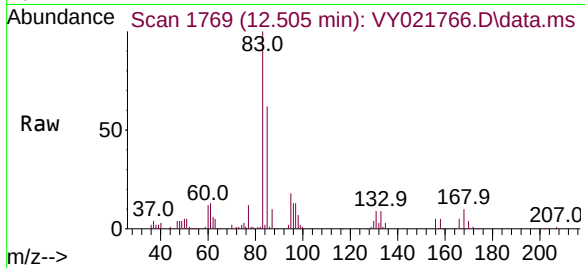




#75
1,1,2-Tetrachloroethane
Concen: 17.826 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

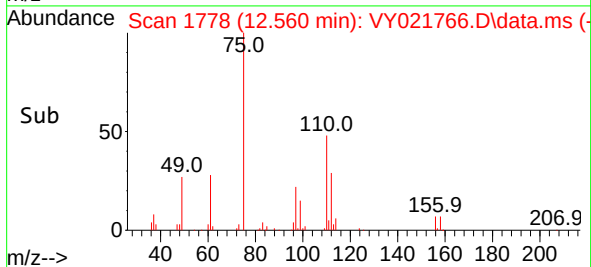
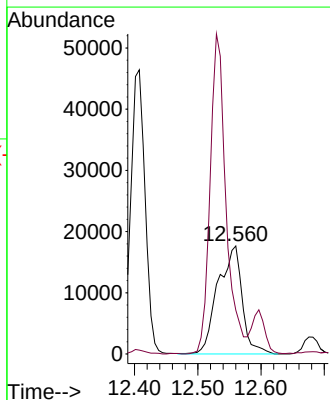
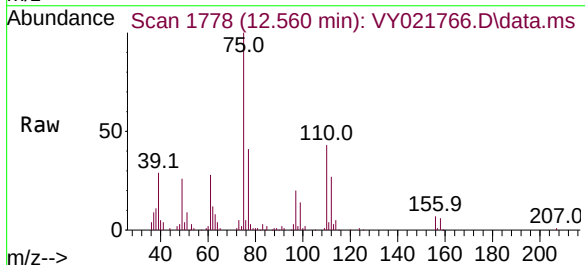
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

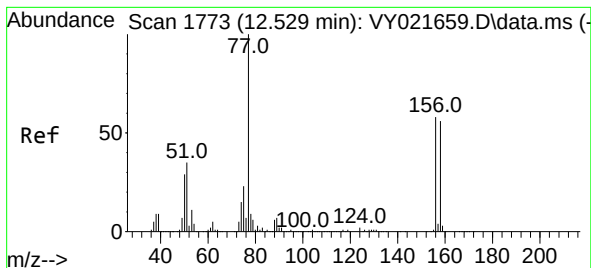
Tgt Ion: 83 Resp: 35269
Ion Ratio Lower Upper
83 100
131 11.6 5.1 15.3
85 63.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 32.125 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 75 Resp: 47182
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.545 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

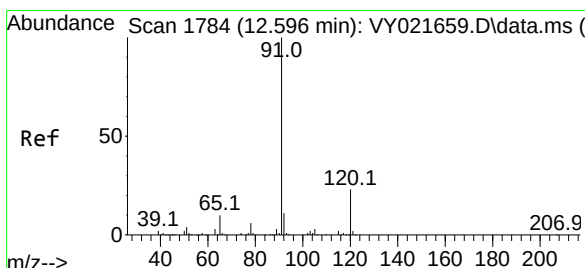
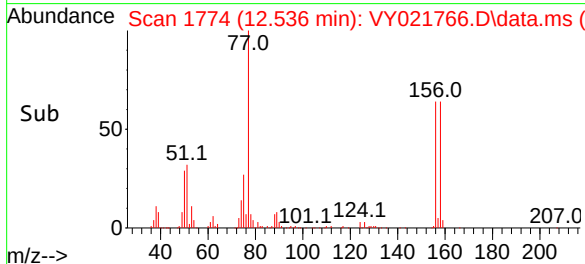
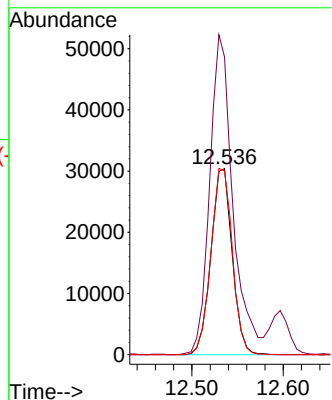
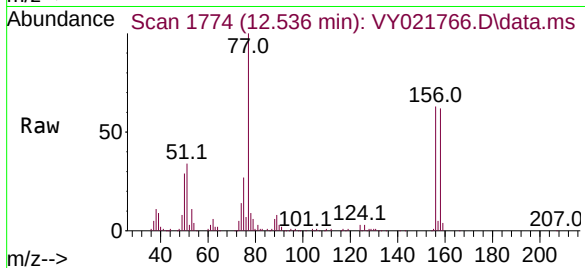
Tgt Ion:156 Resp: 49001

Ion Ratio Lower Upper

156 100

77 185.8 92.8 278.3

158 101.2 48.5 145.6



#78

n-propylbenzene

Concen: 19.102 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021766.D

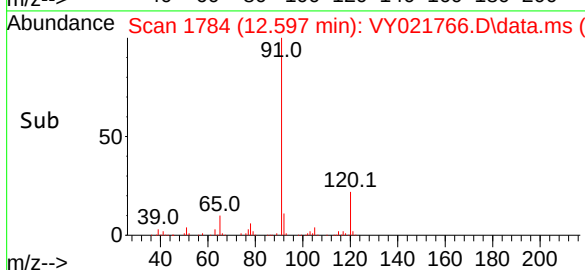
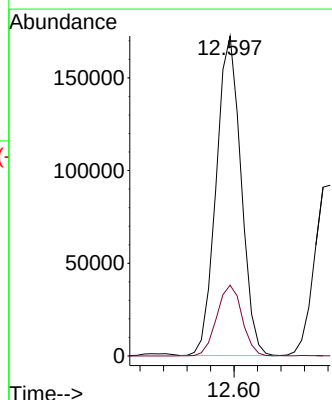
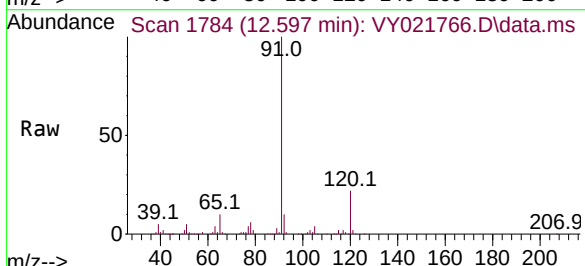
Acq: 03 Apr 2025 12:05

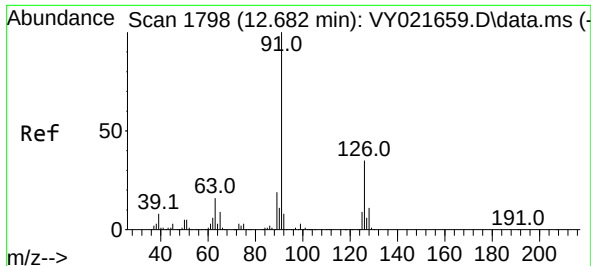
Tgt Ion: 91 Resp: 252726

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

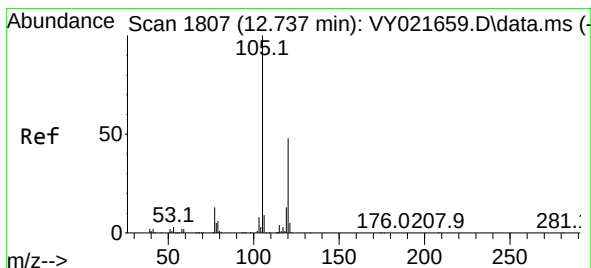
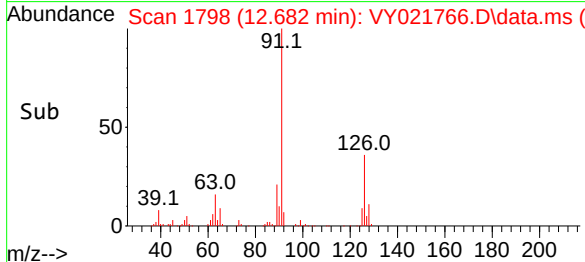
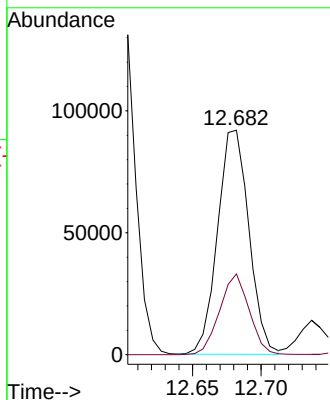
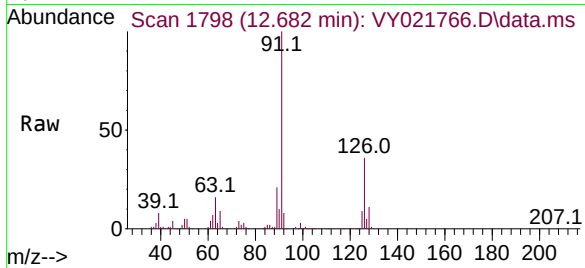




#79
2-Chlorotoluene
Concen: 19.073 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

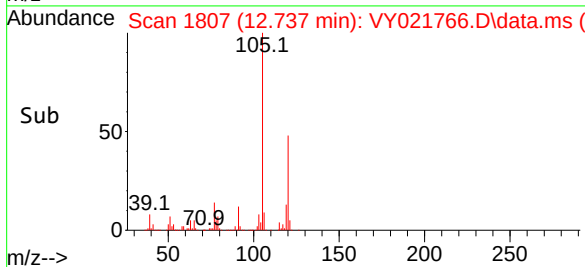
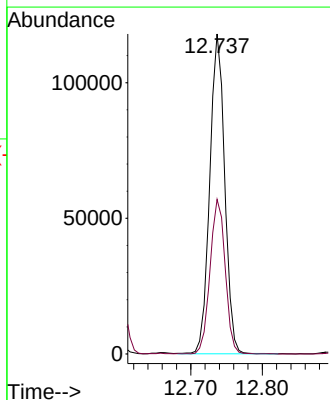
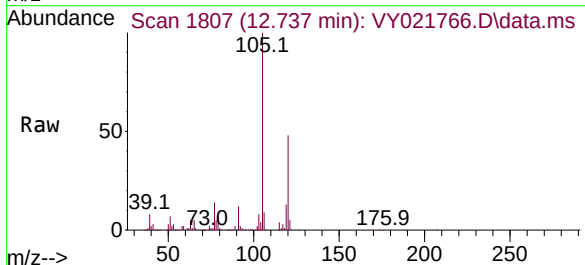
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

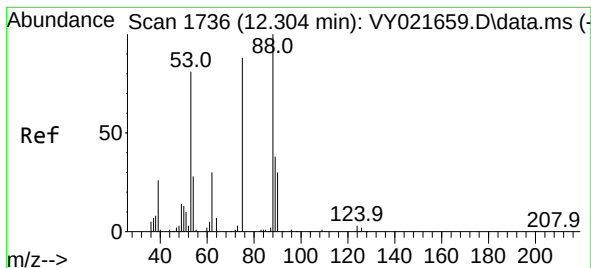
Tgt Ion: 91 Resp: 146564
Ion Ratio Lower Upper
91 100
126 33.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.003 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 105 Resp: 170917
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

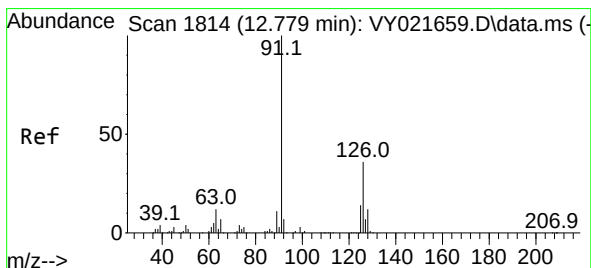
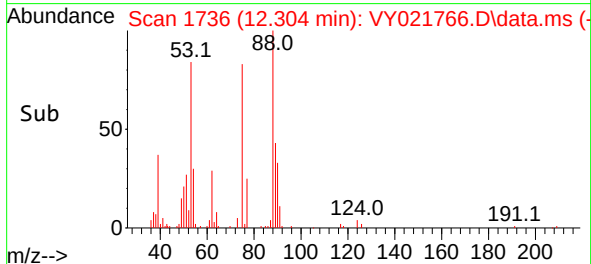
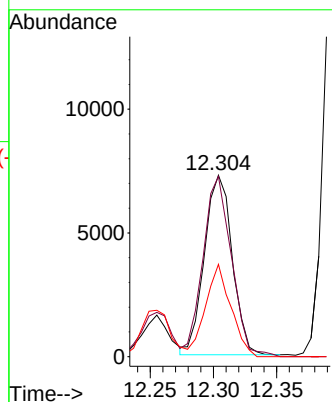
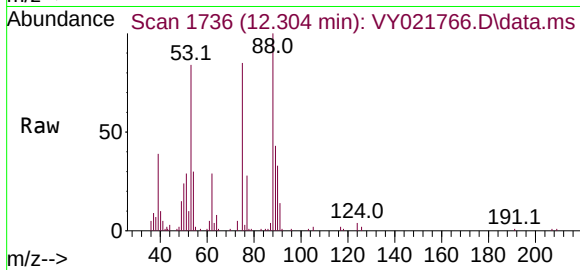




#81
trans-1,4-Dichloro-2-butene
Concen: 17.435 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

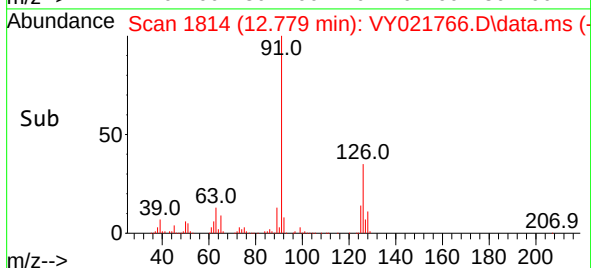
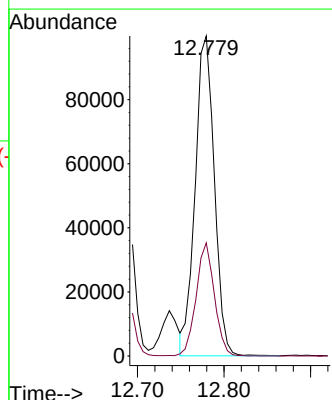
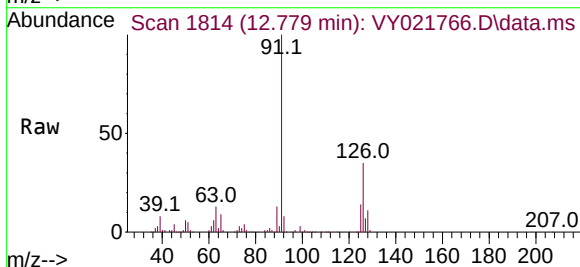
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

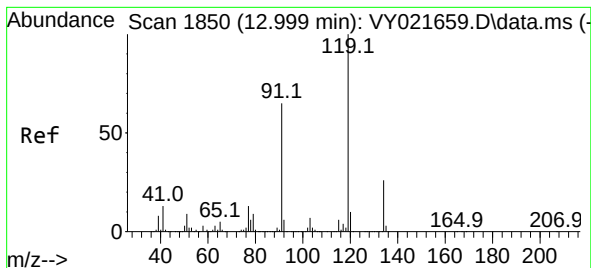
Tgt Ion: 75 Resp: 11113
Ion Ratio Lower Upper
75 100
53 103.1 76.1 114.1
89 46.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.137 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 91 Resp: 153312
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.484 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

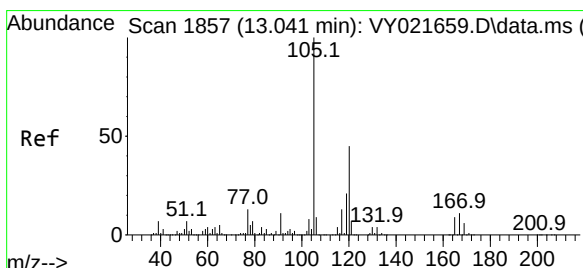
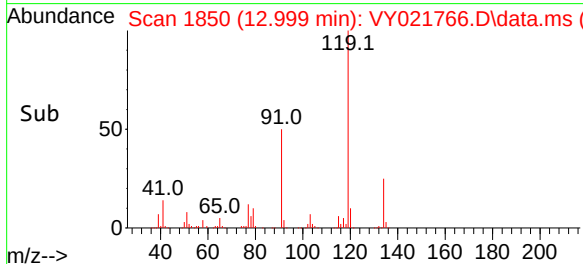
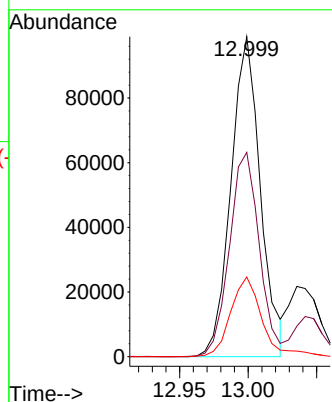
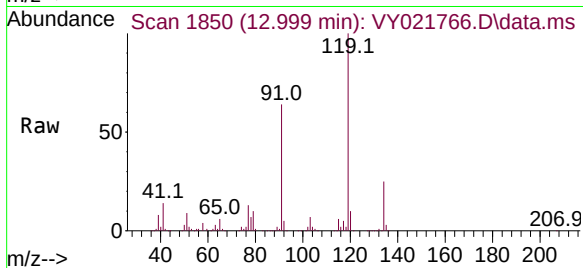
Tgt Ion:119 Resp: 148078

Ion Ratio Lower Upper

119 100

91 64.8 32.6 97.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.172 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021766.D

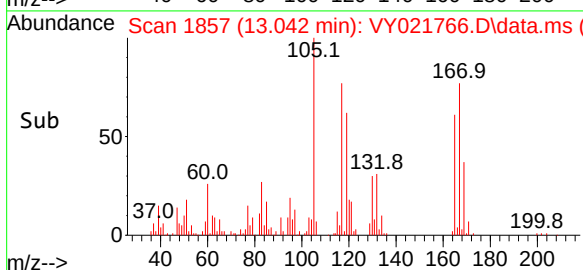
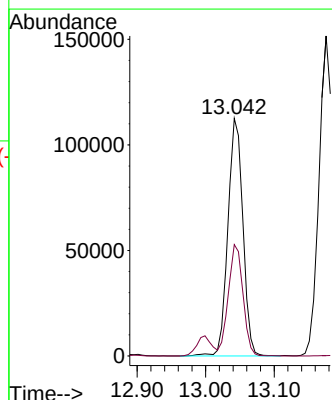
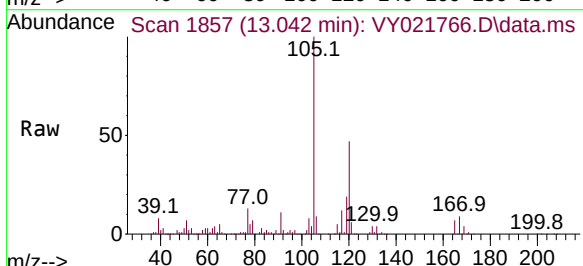
Acq: 03 Apr 2025 12:05

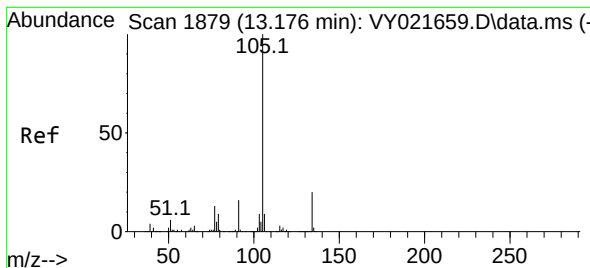
Tgt Ion:105 Resp: 170432

Ion Ratio Lower Upper

105 100

120 45.9 22.7 68.1

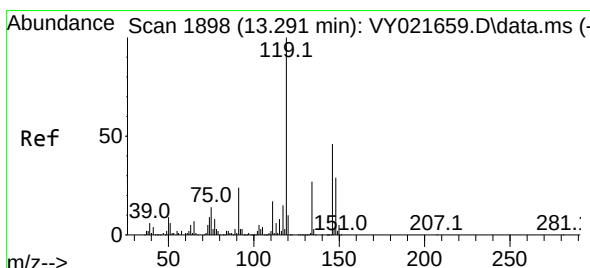
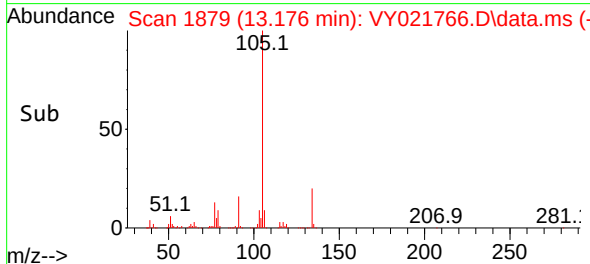
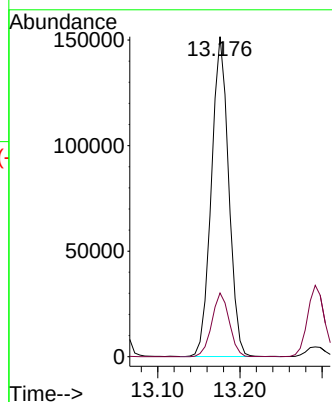
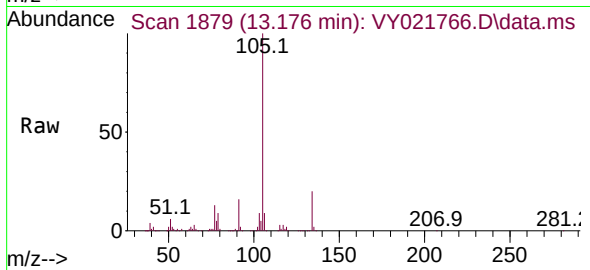




#85
 sec-Butylbenzene
 Concen: 18.900 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

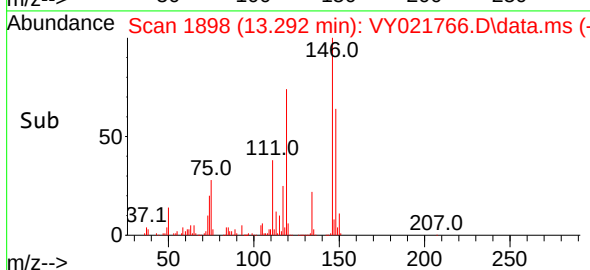
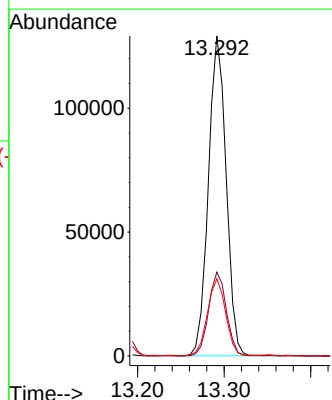
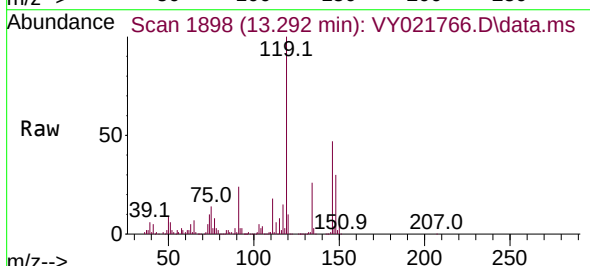
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

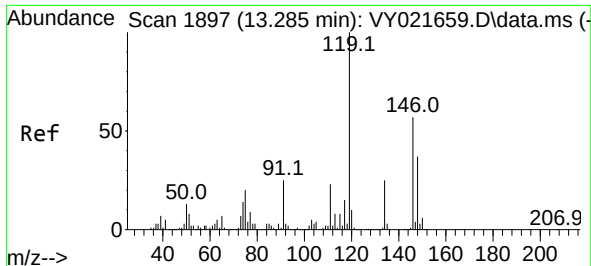
Tgt Ion:105 Resp: 221275
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.970 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

Tgt Ion:119 Resp: 183556
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.7 12.0 36.0

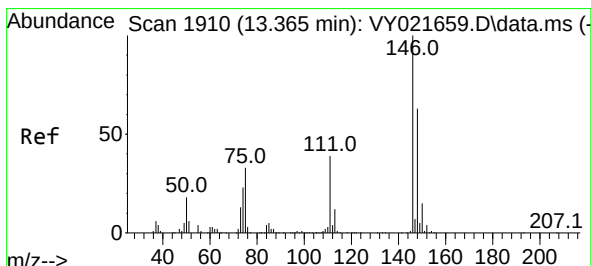
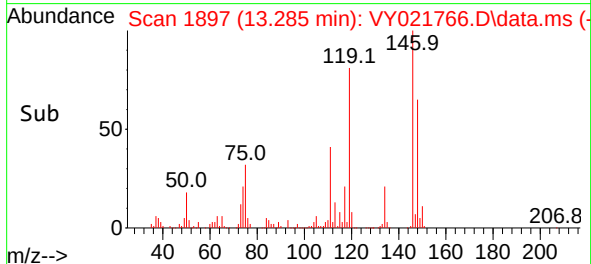
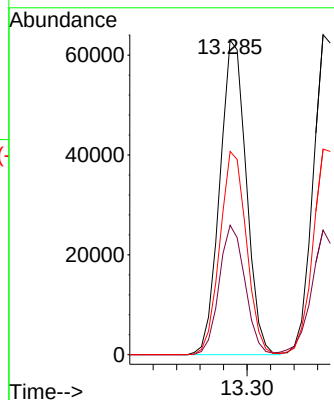
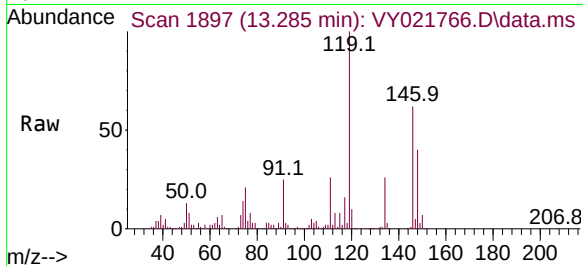




#87
 1,3-Dichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

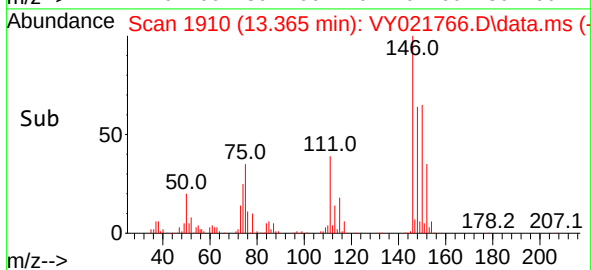
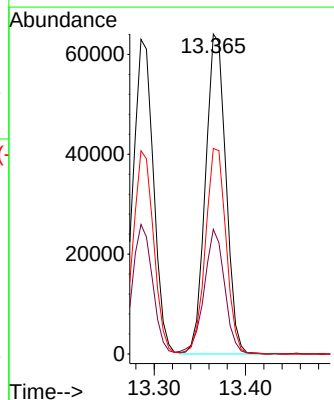
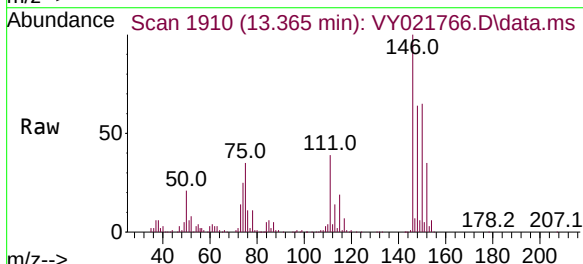
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

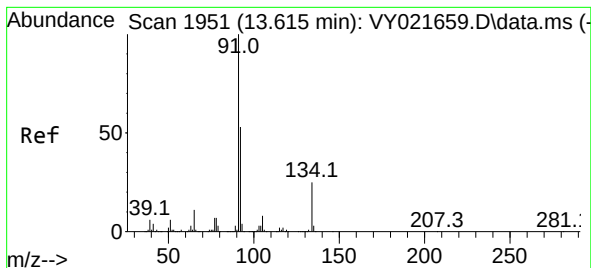
Tgt Ion:146 Resp: 98633
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.310 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021766.D
 Acq: 03 Apr 2025 12:05

Tgt Ion:146 Resp: 99316
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 65.0 31.5 94.5





#89

n-Butylbenzene

Concen: 18.577 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

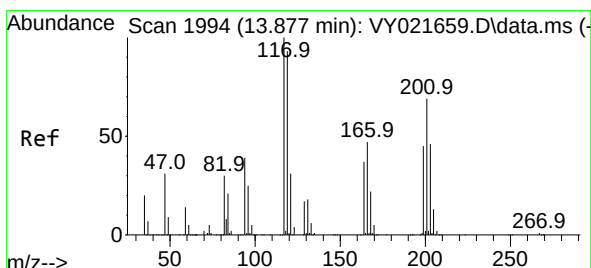
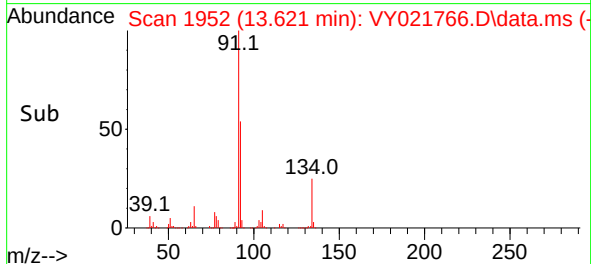
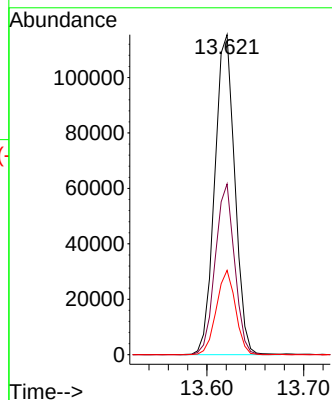
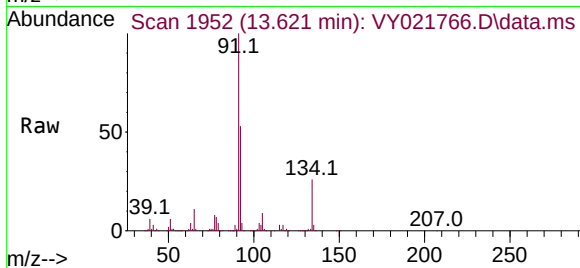
Tgt Ion: 91 Resp: 166238

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.2

134 25.1 12.8 38.4



#90

Hexachloroethane

Concen: 18.964 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021766.D

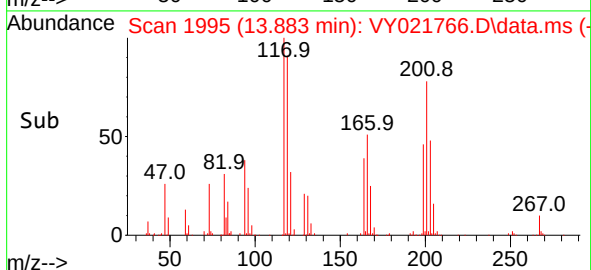
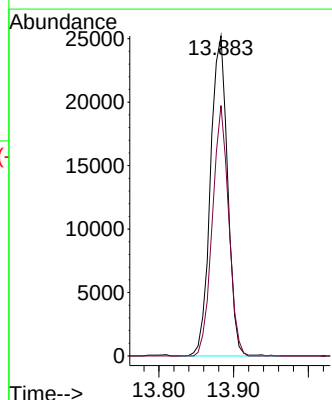
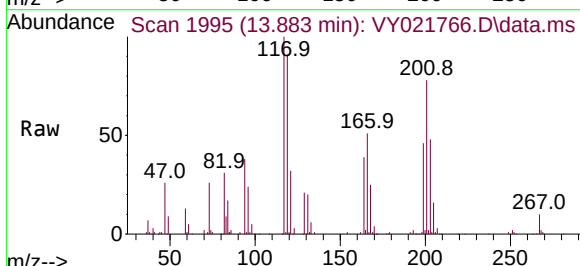
Acq: 03 Apr 2025 12:05

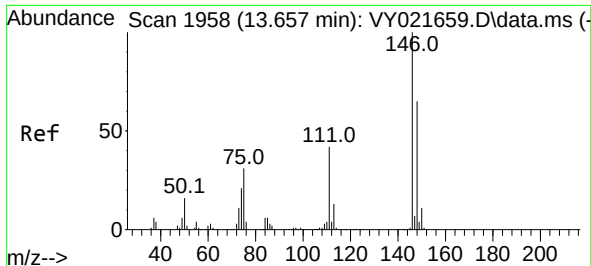
Tgt Ion: 117 Resp: 40212

Ion Ratio Lower Upper

117 100

201 74.6 37.4 112.1

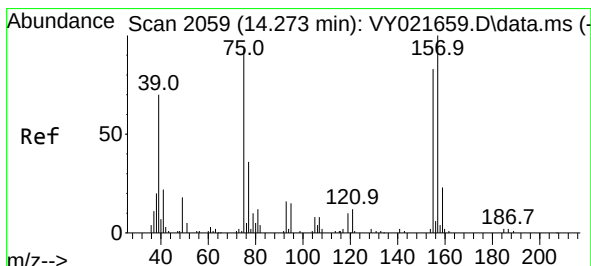
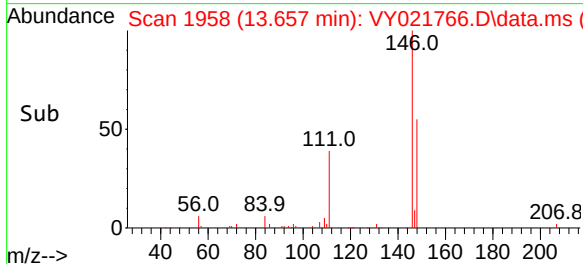
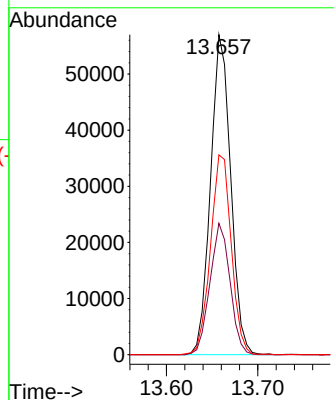
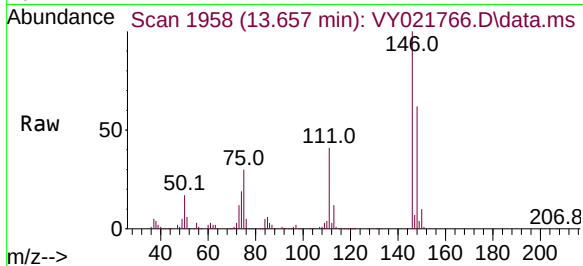




#91
1,2-Dichlorobenzene
Concen: 19.234 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

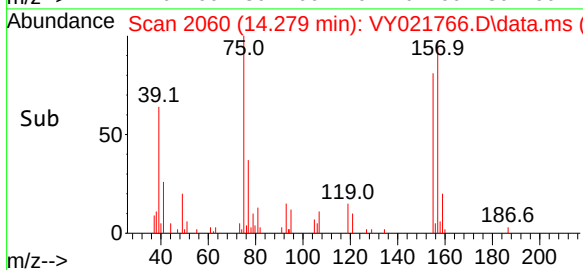
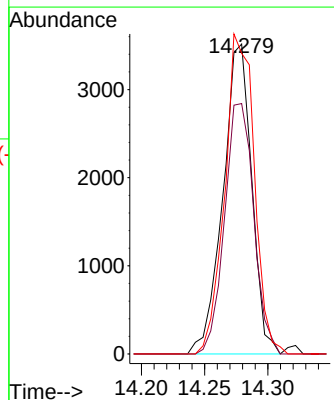
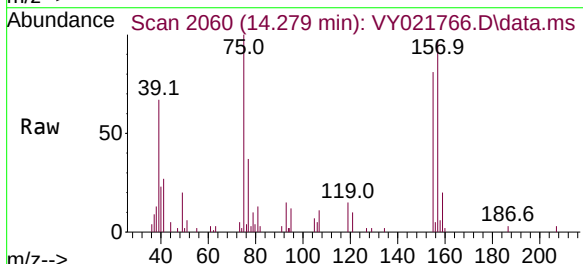
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

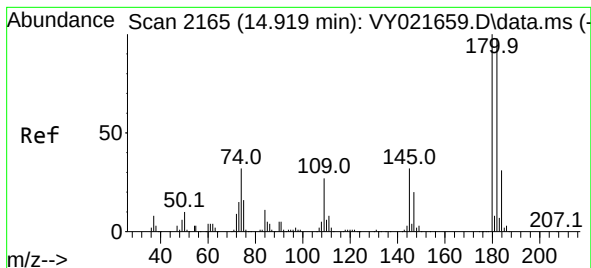
Tgt Ion:146 Resp: 87160
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 64.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.147 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion: 75 Resp: 5565
Ion Ratio Lower Upper
75 100
155 81.9 43.0 128.8
157 105.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.635 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

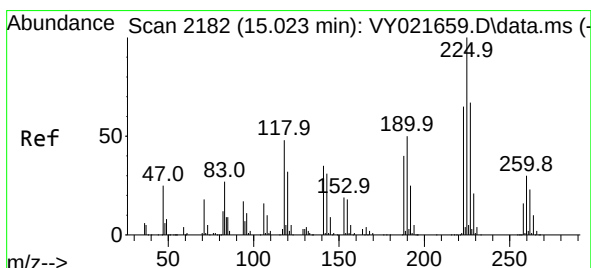
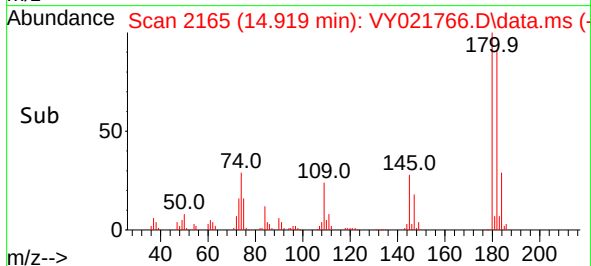
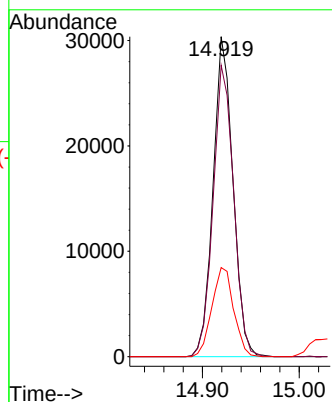
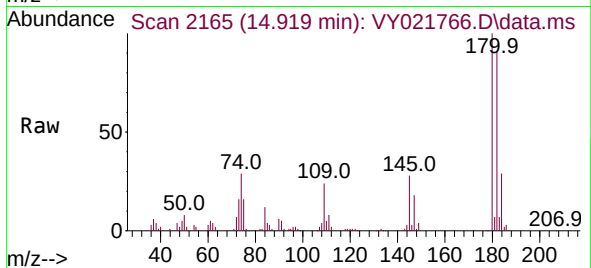
Tgt Ion:180 Resp: 43337

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.6

145 30.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 18.650 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021766.D

Acq: 03 Apr 2025 12:05

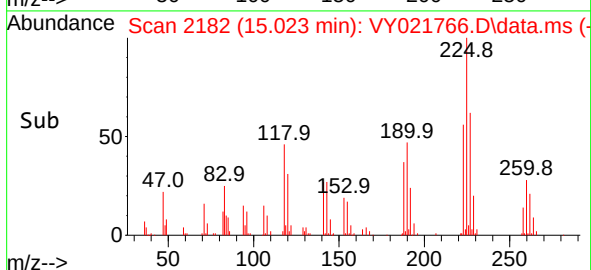
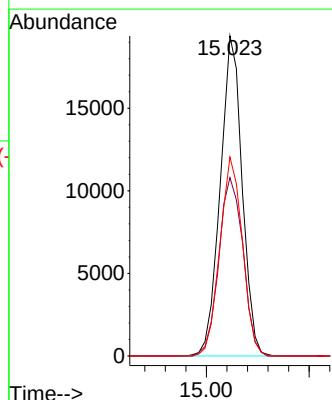
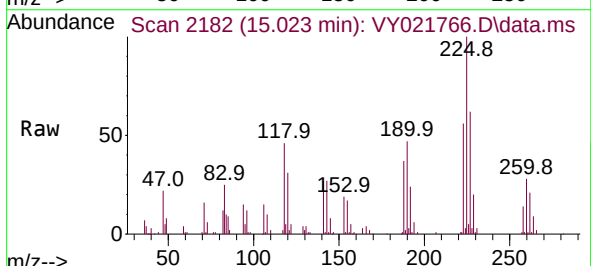
Tgt Ion:225 Resp: 28623

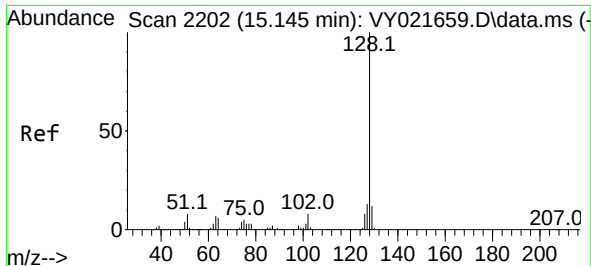
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.7

227 64.0 32.4 97.0

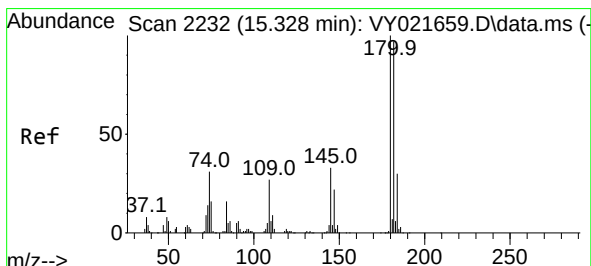
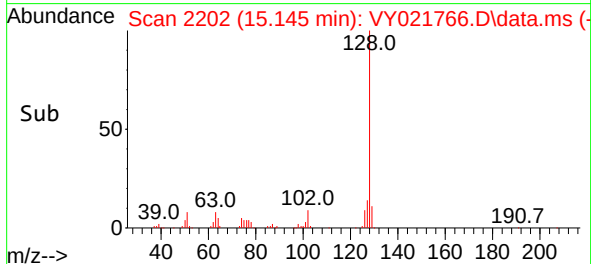
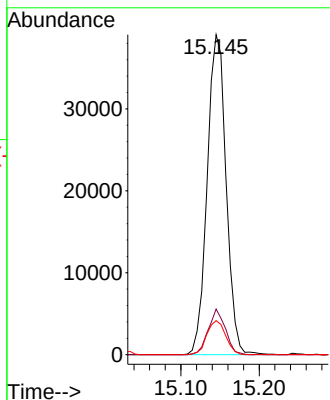
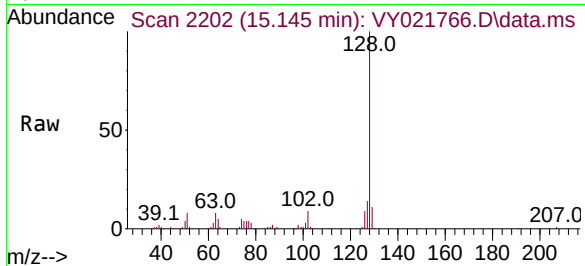




#95
Naphthalene
Concen: 16.066 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tgt Ion:128 Resp: 65442
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.288 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021766.D
Acq: 03 Apr 2025 12:05

Tgt Ion:180 Resp: 36228
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.9 15.9 47.7

