

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021796.D
 Acq On : 07 Apr 2025 14:07
 Operator : SY/MD
 Sample : VY0407SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

Quant Time: Apr 08 03:31:48 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	202553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	317911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	287816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	149046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112714	51.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.634	113	105448	51.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.109	98	402207	51.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.408	95	137431	51.789	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36481	17.377	ug/l	98
3) Chloromethane	2.068	50	59151	20.037	ug/l	99
4) Vinyl Chloride	2.202	62	61511	18.425	ug/l	99
5) Bromomethane	2.592	94	48941	21.494	ug/l	98
6) Chloroethane	2.732	64	43322	19.831	ug/l	94
7) Trichlorofluoromethane	3.049	101	81090	18.961	ug/l	96
8) Diethyl Ether	3.458	74	21199	18.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	42352	18.776	ug/l	99
10) Methyl Iodide	4.007	142	44371	17.931	ug/l	99
11) Tert butyl alcohol	4.891	59	12162	85.320	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	38767	18.247	ug/l	94
13) Acrolein	3.653	56	12797	49.166	ug/l	98
14) Allyl chloride	4.385	41	61765	18.233	ug/l	98
15) Acrylonitrile	5.061	53	47002	96.790	ug/l	100
16) Acetone	3.879	43	33135	73.773	ug/l	97
17) Carbon Disulfide	4.104	76	123232	17.610	ug/l	99
18) Methyl Acetate	4.391	43	23144	20.791	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	97072	18.352	ug/l	96
20) Methylene Chloride	4.616	84	47543	19.254	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	43713	18.687	ug/l	93
22) Diisopropyl ether	6.018	45	137320	19.324	ug/l	96
23) Vinyl Acetate	5.964	43	378088	90.951	ug/l	98
24) 1,1-Dichloroethane	5.915	63	81273	19.127	ug/l	99
25) 2-Butanone	6.896	43	54867	85.526	ug/l	97
26) 2,2-Dichloropropane	6.890	77	67416	17.837	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	49651	18.874	ug/l	98
28) Bromochloromethane	7.250	49	35606	19.870	ug/l	97
29) Tetrahydrofuran	7.268	42	37752	91.436	ug/l	99
30) Chloroform	7.421	83	85674	19.386	ug/l	97
31) Cyclohexane	7.701	56	67135	17.333	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	74644	18.687	ug/l	98
36) 1,1-Dichloropropene	7.835	75	58414	18.597	ug/l	98
37) Ethyl Acetate	6.988	43	27713	18.694	ug/l	99
38) Carbon Tetrachloride	7.817	117	68118	18.934	ug/l	97
39) Methylcyclohexane	9.109	83	67315	17.939	ug/l	97
40) Benzene	8.085	78	181213	19.264	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14170	17.999	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	51227	19.317	ug/l	98
43) Isopropyl Acetate	8.195	43	51199	18.225	ug/l	97
44) Trichloroethene	8.865	130	48310	20.156	ug/l	92
45) 1,2-Dichloropropane	9.140	63	43310	19.451	ug/l	99
46) Dibromomethane	9.237	93	25621	19.965	ug/l	96
47) Bromodichloromethane	9.426	83	65208	19.610	ug/l	95
48) Methyl methacrylate	9.225	41	23219	18.008	ug/l	98
49) 1,4-Dioxane	9.243	88	4830	351.345	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	139834	95.649	ug/l	99
52) Toluene	10.170	92	114460	19.502	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	57318	19.407	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	67327	19.323	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	33605	20.349	ug/l	98
56) Ethyl methacrylate	10.438	69	39586	18.773	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55754	19.548	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	101813	98.974	ug/l	98
59) 2-Hexanone	10.761	43	90772	93.230	ug/l	98
60) Dibromochloromethane	10.914	129	44536	19.752	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30864	19.923	ug/l	99
64) Tetrachloroethene	10.646	164	55443	21.151	ug/l	96
65) Chlorobenzene	11.444	112	125282	18.989	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	44369	18.954	ug/l	98
67) Ethyl Benzene	11.524	91	206159	18.222	ug/l	98
68) m/p-Xylenes	11.633	106	162584	37.528	ug/l	98
69) o-Xylene	11.956	106	73961	18.495	ug/l	98
70) Styrene	11.975	104	124911	18.734	ug/l	99
71) Bromoform	12.133	173	26014	19.482	ug/l #	99
73) Isopropylbenzene	12.255	105	194649	17.583	ug/l	100
74) N-amyl acetate	12.072	43	43771	16.847	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	32796	16.478	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47777	32.338	ug/l #	100
77) Bromobenzene	12.536	156	48789	18.356	ug/l	97
78) n-propylbenzene	12.596	91	239336	17.983	ug/l	99
79) 2-Chlorotoluene	12.682	91	139496	18.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	164031	18.130	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11742	18.313	ug/l	96
82) 4-Chlorotoluene	12.779	91	145850	18.098	ug/l	98
83) tert-Butylbenzene	12.999	119	143987	17.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	163642	18.300	ug/l	99
85) sec-Butylbenzene	13.176	105	212353	18.031	ug/l	100
86) p-Isopropyltoluene	13.291	119	176872	18.171	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	96706	18.467	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	97404	18.826	ug/l	99
89) n-Butylbenzene	13.621	91	160545	17.835	ug/l	98
90) Hexachloroethane	13.883	117	38801	18.191	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	86743	19.029	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5765	18.688	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	44738	18.097	ug/l	99
94) Hexachlorobutadiene	15.029	225	29010	18.790	ug/l	97
95) Naphthalene	15.151	128	70526	17.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38125	18.085	ug/l	99

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Response via : Initial Calibration

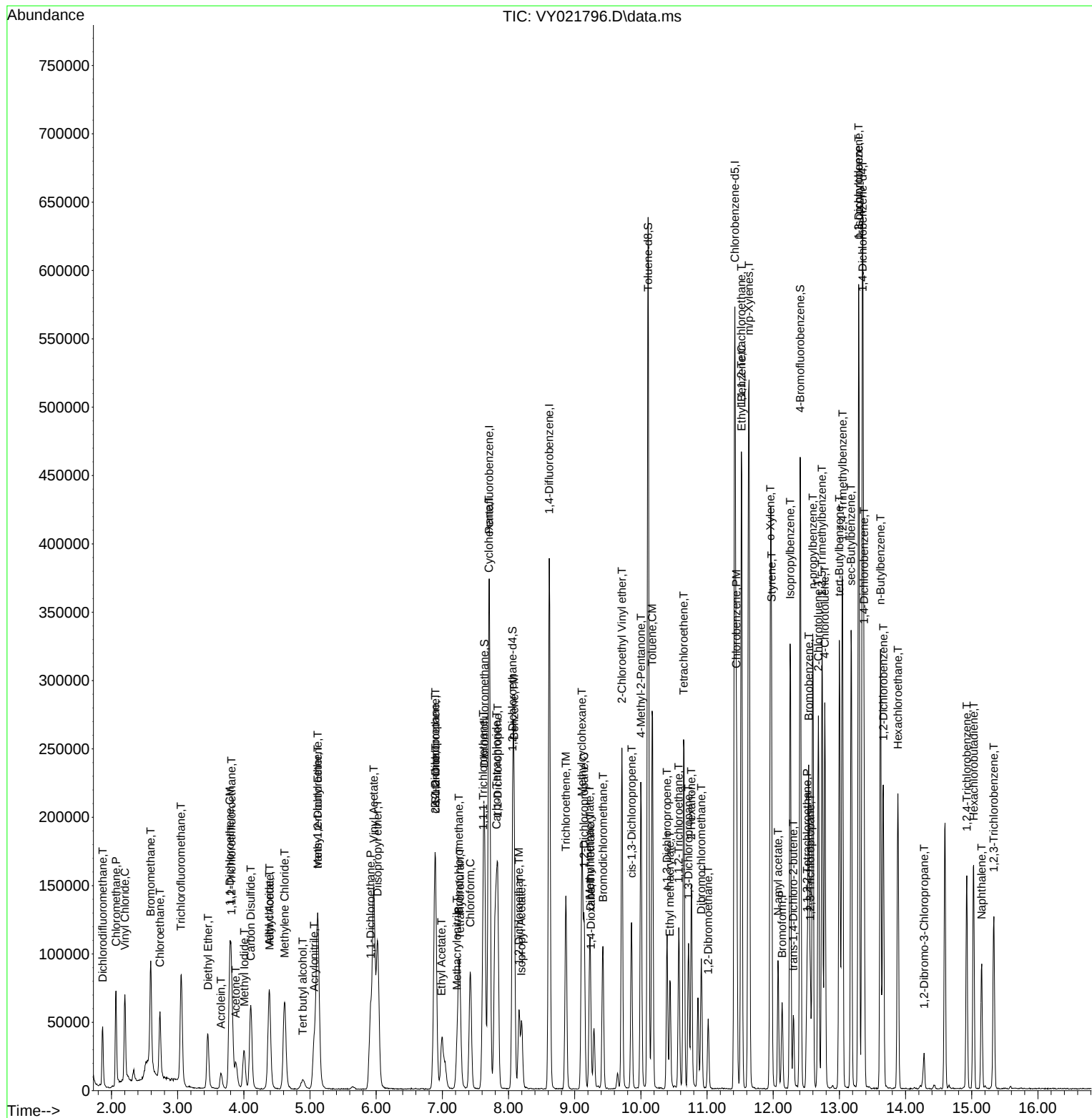
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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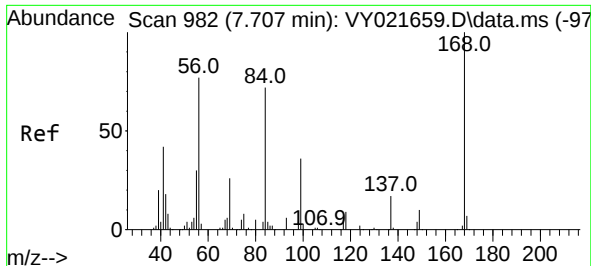
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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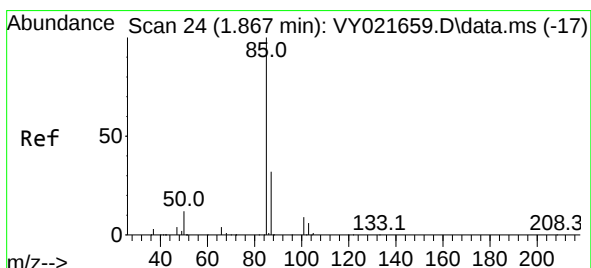
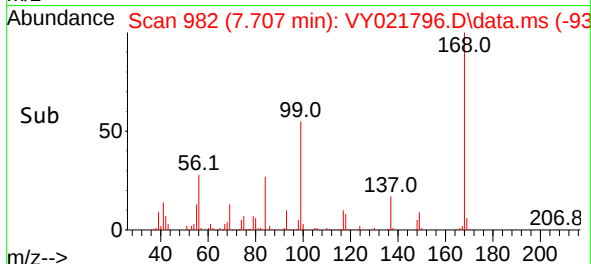
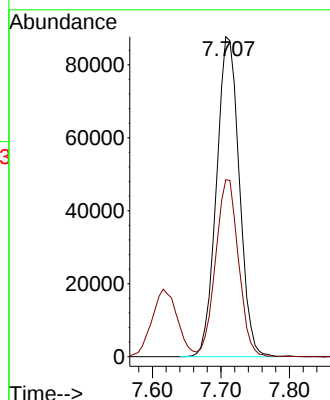
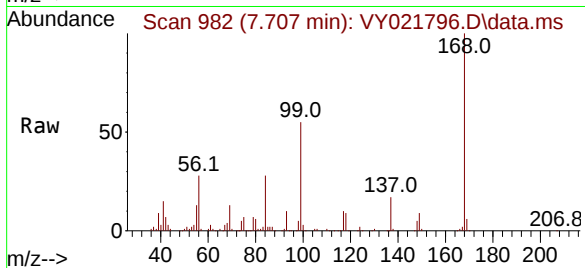




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021796.D
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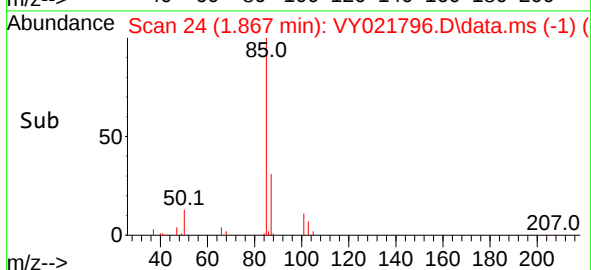
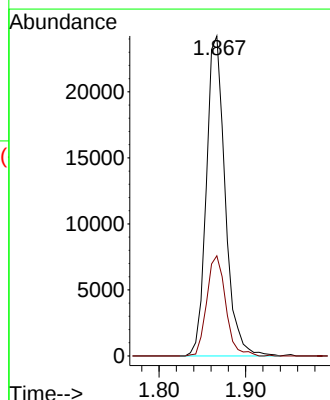
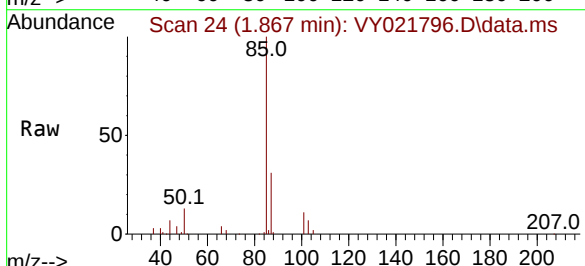
Instrument :
MSVOA_Y
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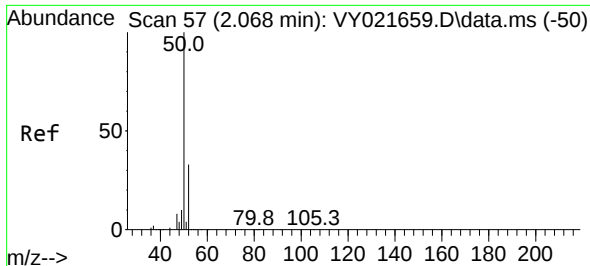
Tgt Ion:168 Resp: 202553
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.377 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 85 Resp: 36481
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6

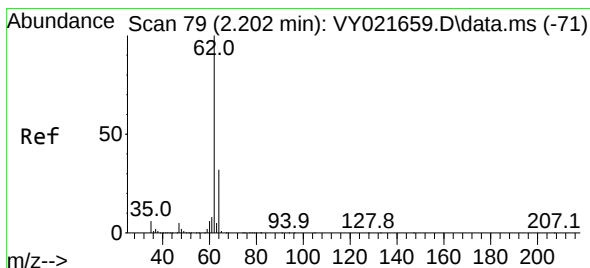
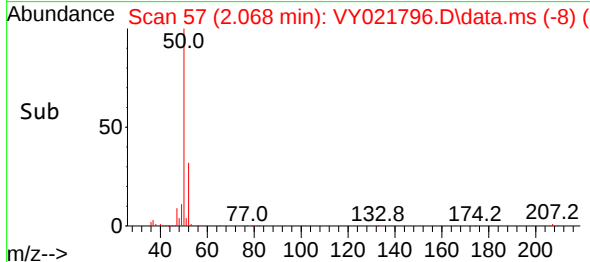
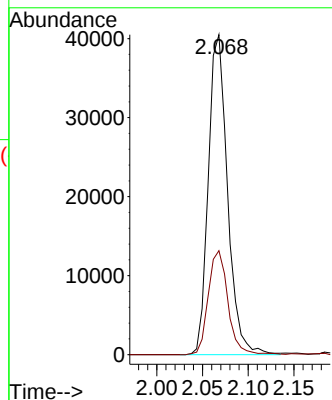
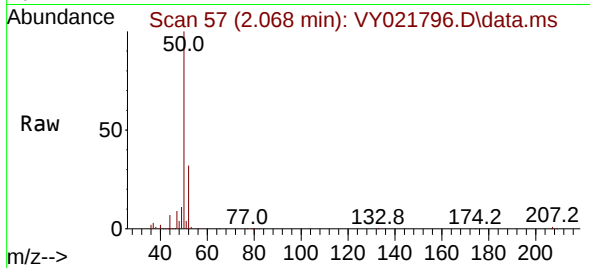




#3
Chloromethane
Concen: 20.037 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

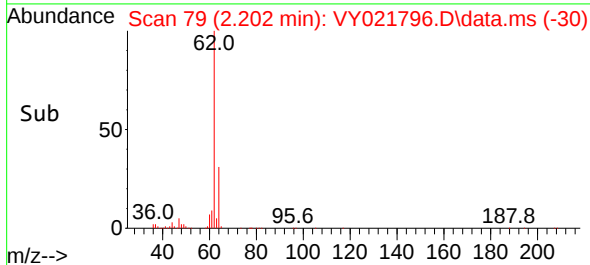
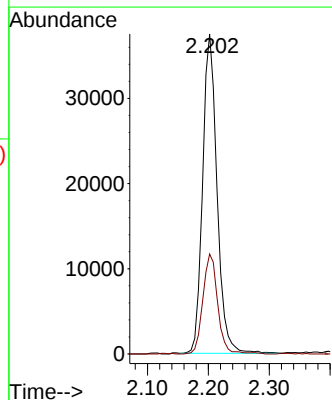
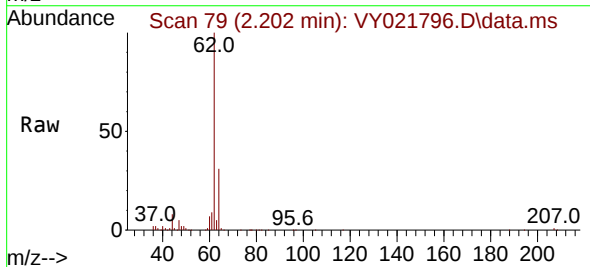
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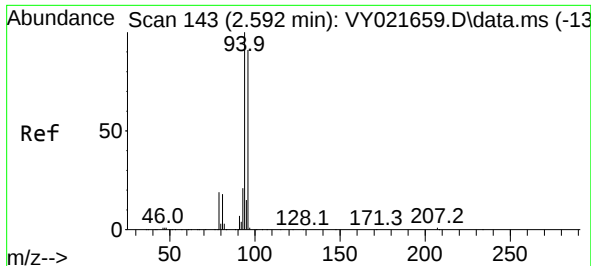
Tgt Ion: 50 Resp: 59151
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 18.425 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 62 Resp: 61511
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

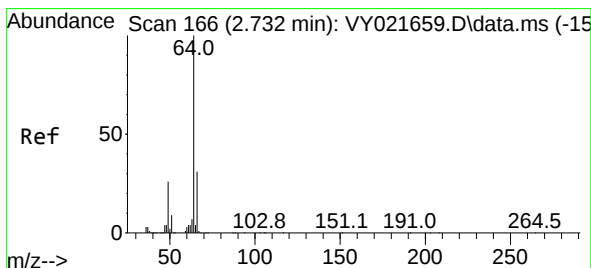
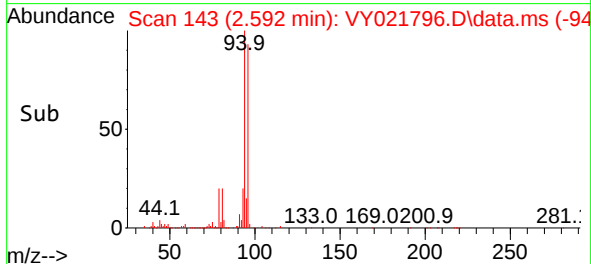
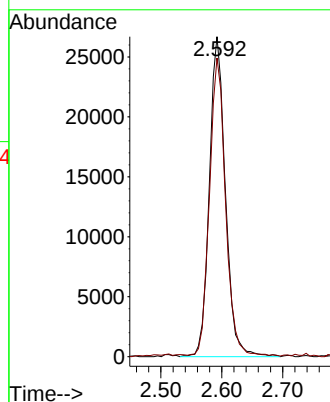
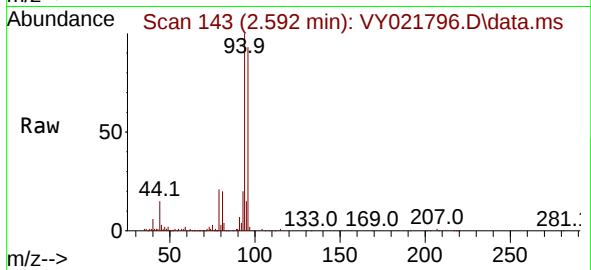




#5
Bromomethane
Concen: 21.494 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021796.D
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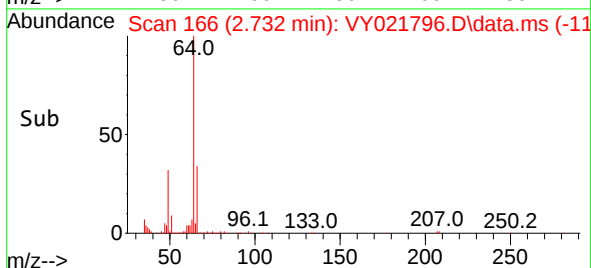
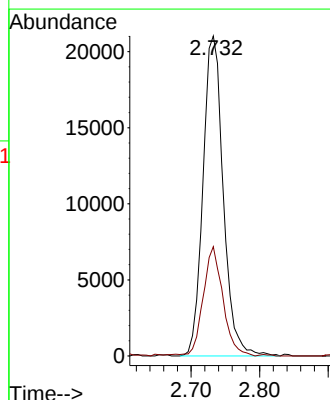
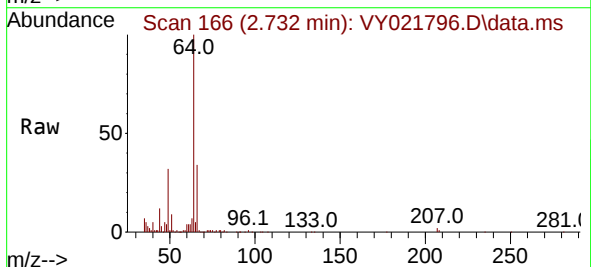
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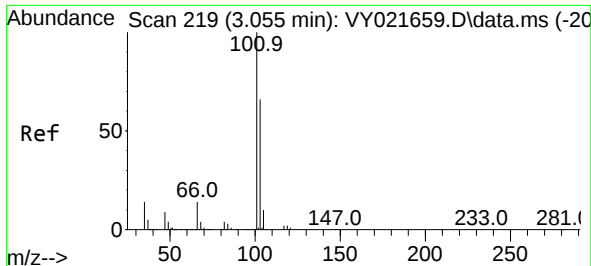
Tgt Ion: 94 Resp: 48941
Ion Ratio Lower Upper
94 100
96 93.1 72.8 109.2



#6
Chloroethane
Concen: 19.831 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021796.D
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Tgt Ion: 64 Resp: 43322
Ion Ratio Lower Upper
64 100
66 34.2 24.9 37.3

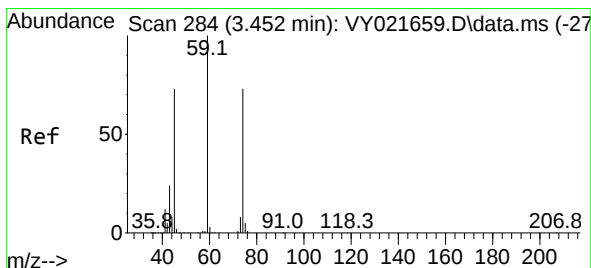
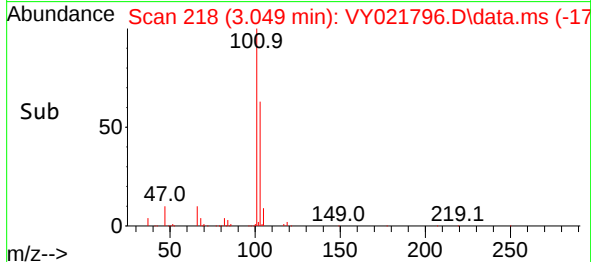
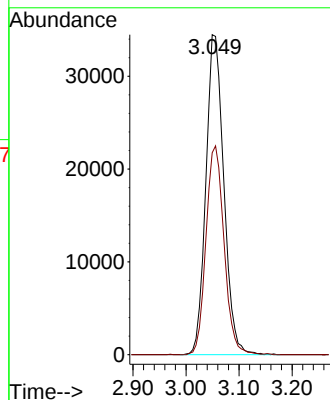
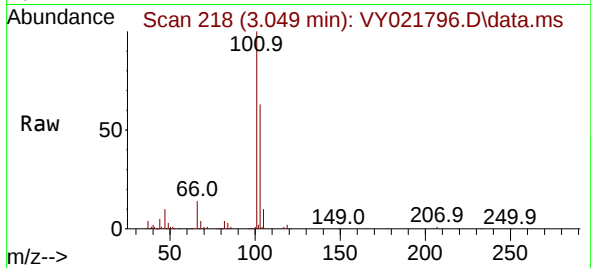




#7
 Trichlorofluoromethane
 Concen: 18.961 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

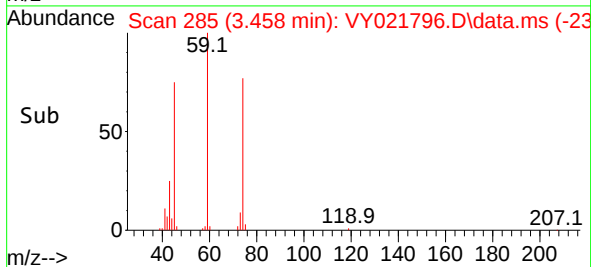
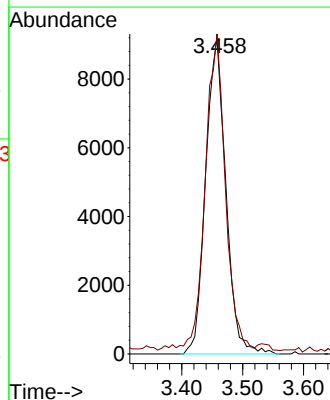
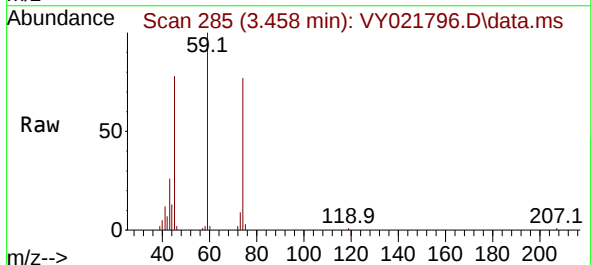
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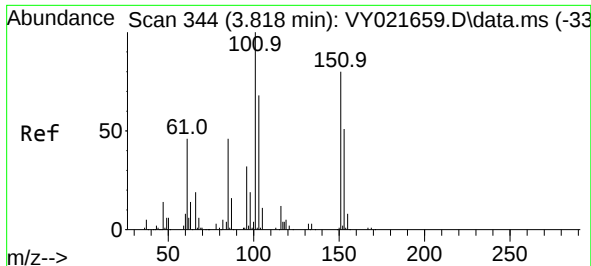
Tgt Ion:101 Resp: 81090
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.227 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021796.D
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Tgt Ion: 74 Resp: 21199
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.6 145.8

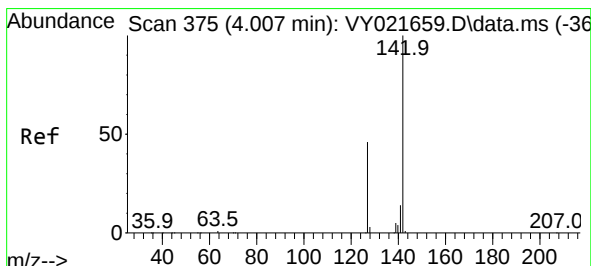
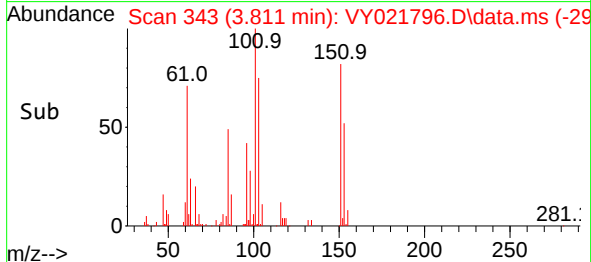
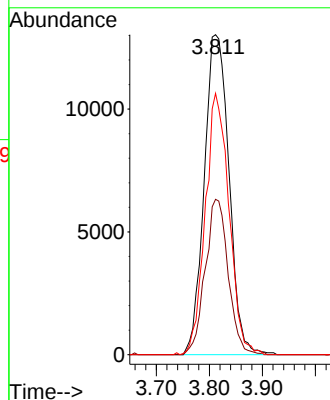
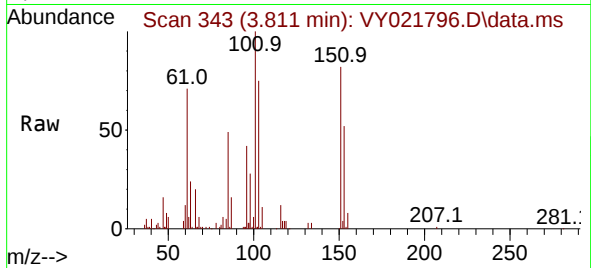




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.776 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

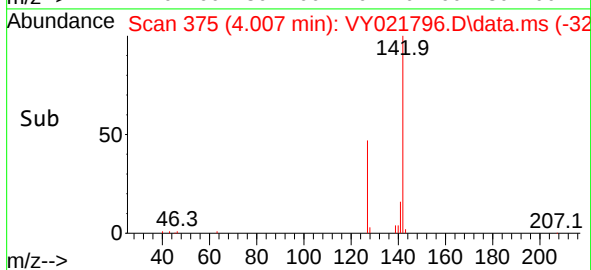
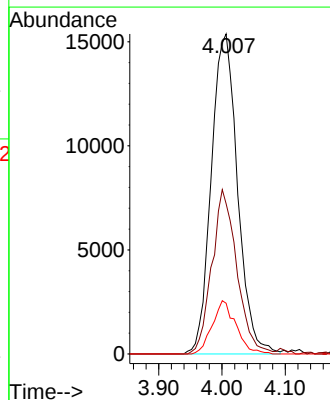
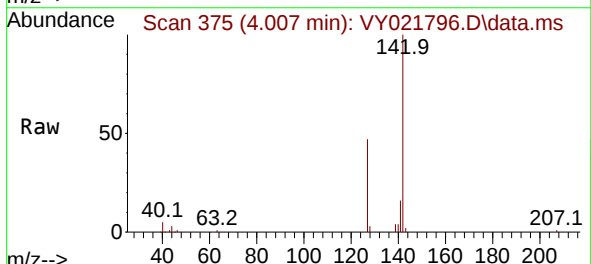
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

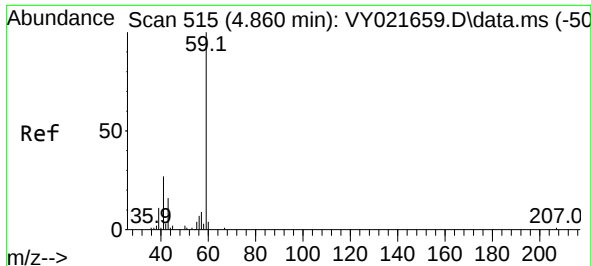
Tgt Ion:101 Resp: 42352
Ion Ratio Lower Upper
101 100
85 45.1 36.3 54.5
151 78.2 61.3 91.9



#10
Methyl Iodide
Concen: 17.931 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion:142 Resp: 44371
Ion Ratio Lower Upper
142 100
127 48.7 38.7 58.1
141 15.1 11.5 17.3

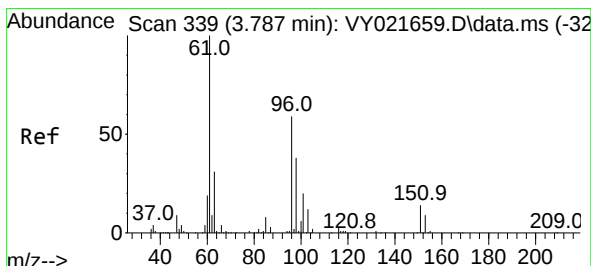
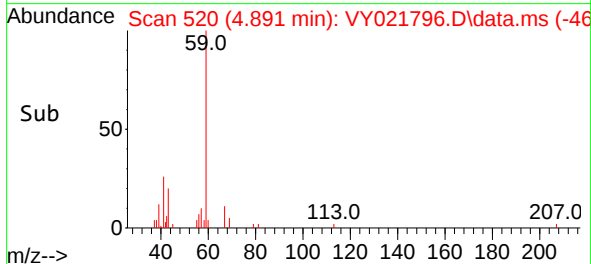
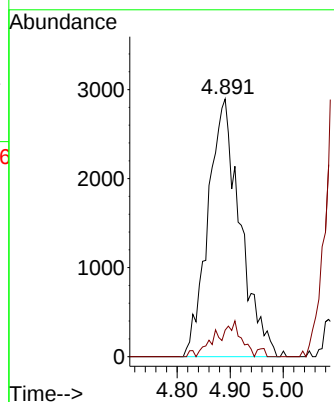
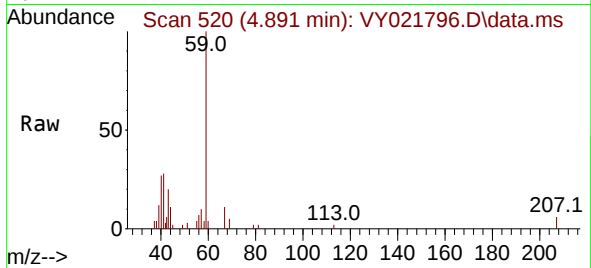




#11
Tert butyl alcohol
Concen: 85.320 ug/l
RT: 4.891 min Scan# 515
Delta R.T. 0.031 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

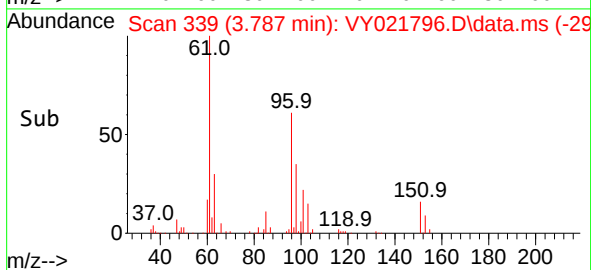
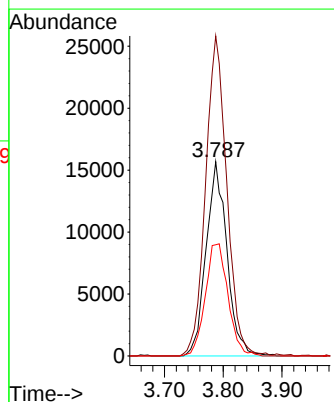
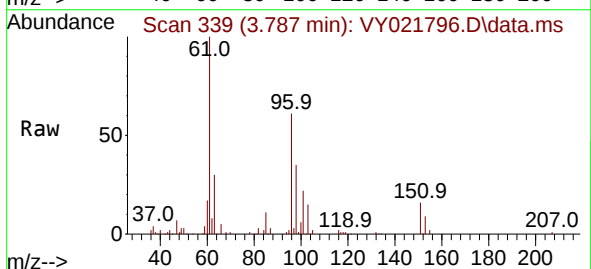
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

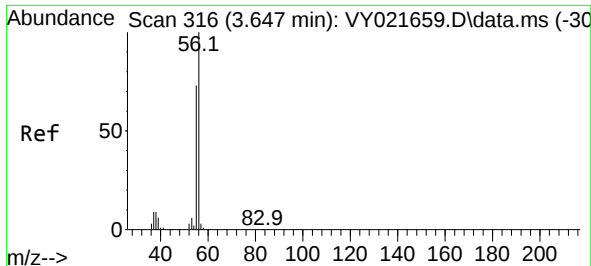
Tgt Ion: 59 Resp: 12162
Ion Ratio Lower Upper
59 100
57 6.4 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.247 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 96 Resp: 38767
Ion Ratio Lower Upper
96 100
61 164.7 136.6 204.8
98 57.3 52.3 78.5





#13

Acrolein

Concen: 49.166 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

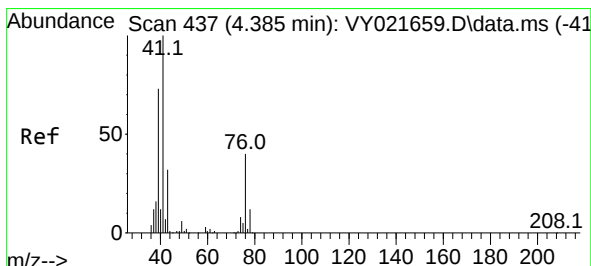
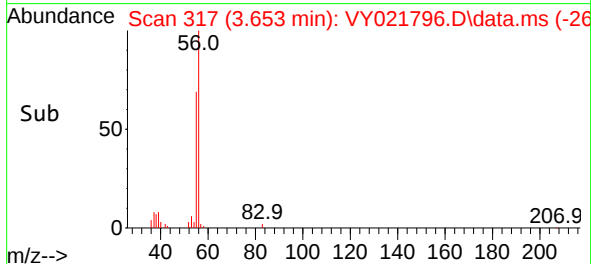
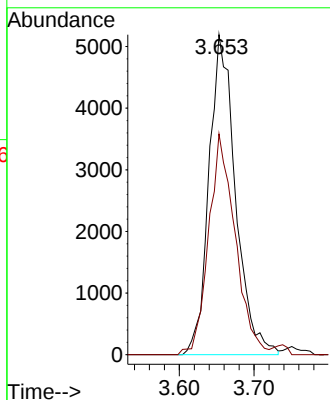
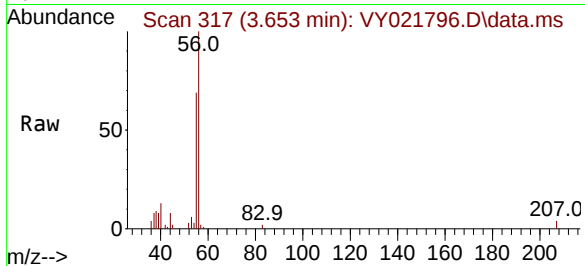
VY0407SBS01

Tgt Ion: 56 Resp: 12797

Ion Ratio Lower Upper

56 100

55 69.0 56.6 85.0



#14

Allyl chloride

Concen: 18.233 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

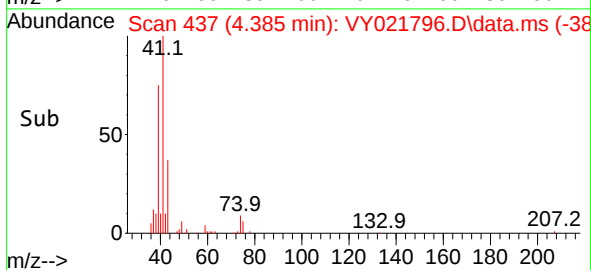
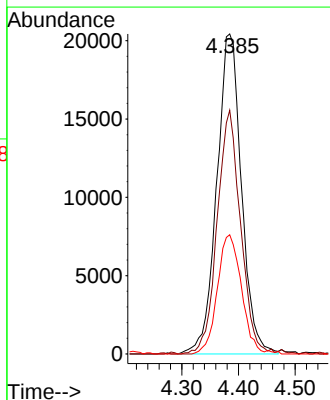
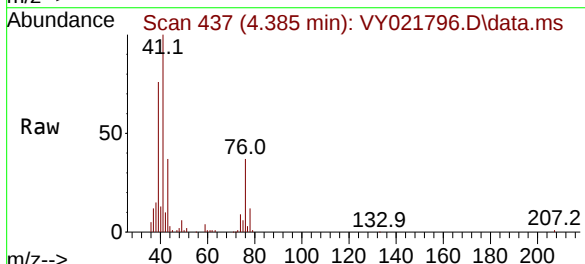
Tgt Ion: 41 Resp: 61765

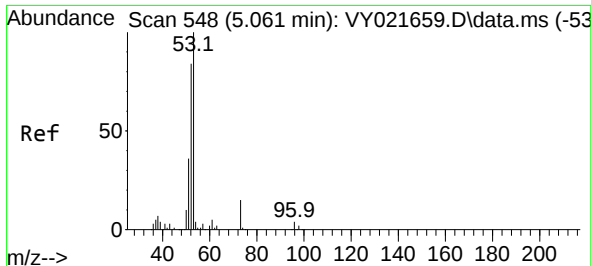
Ion Ratio Lower Upper

41 100

39 72.0 58.6 88.0

76 36.5 30.3 45.5

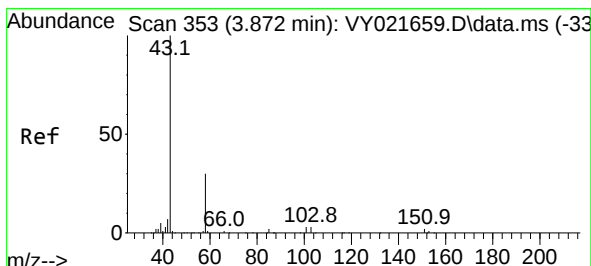
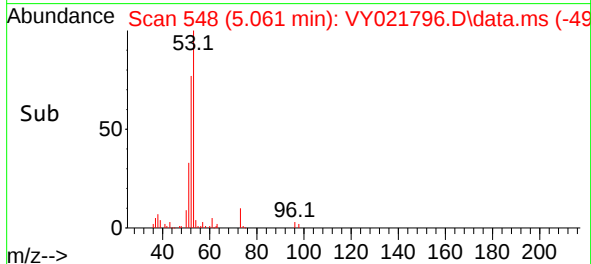
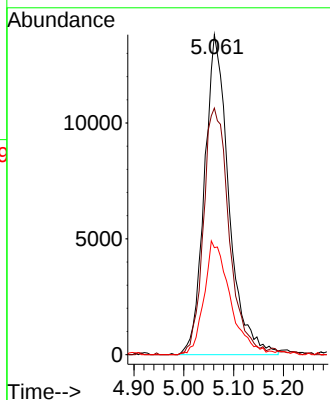
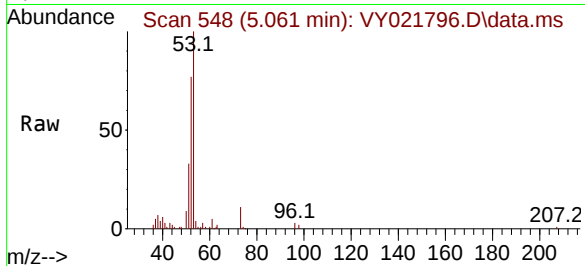




#15
Acrylonitrile
Concen: 96.790 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

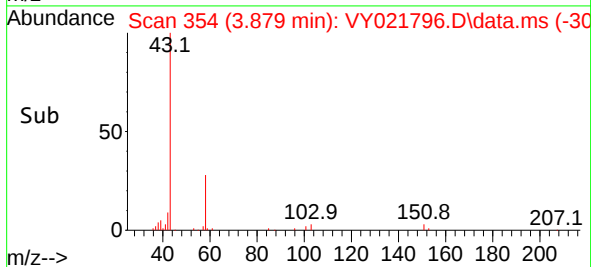
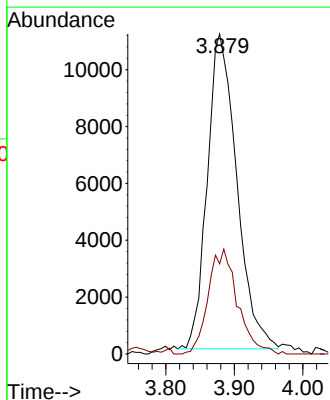
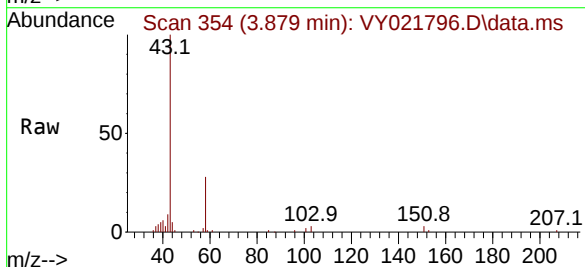
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

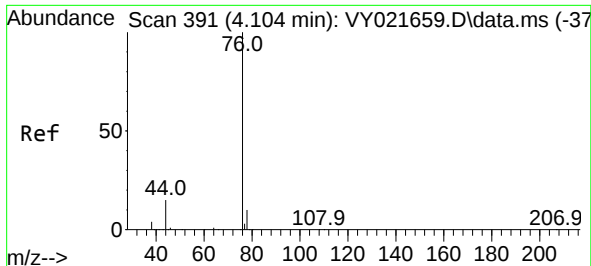
Tgt Ion: 53 Resp: 47002
Ion Ratio Lower Upper
53 100
52 80.9 64.9 97.3
51 38.1 30.2 45.2



#16
Acetone
Concen: 73.773 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 43 Resp: 33135
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4

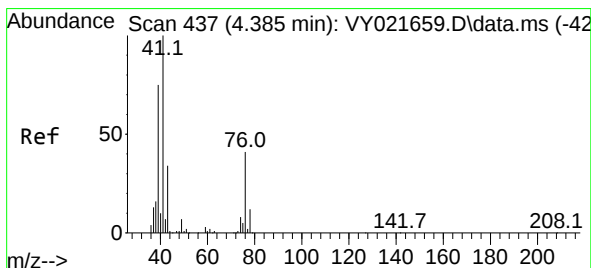
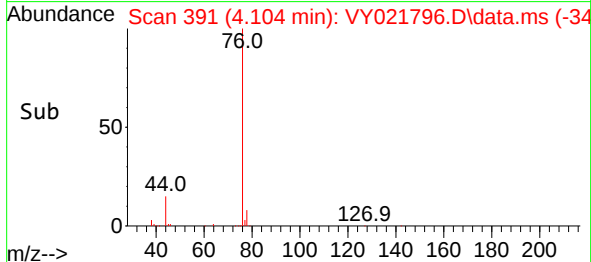
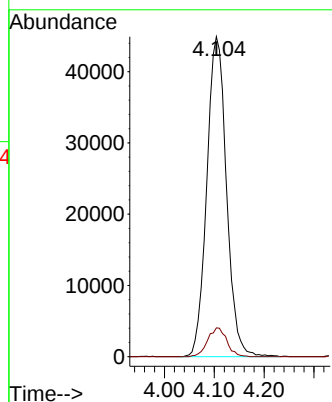
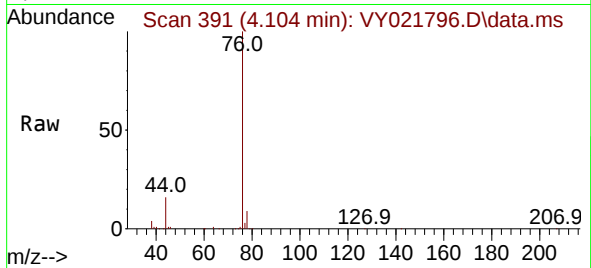




#17
Carbon Disulfide
Concen: 17.610 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

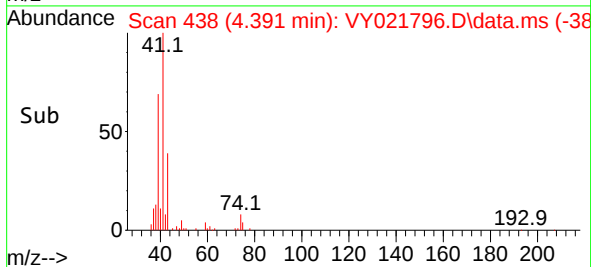
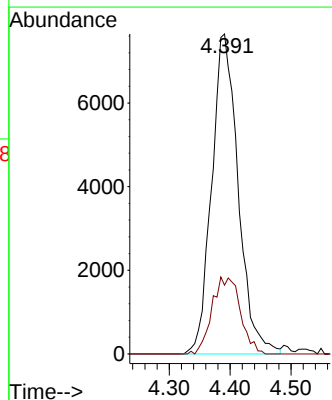
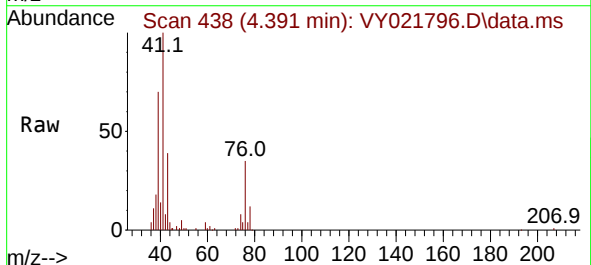
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

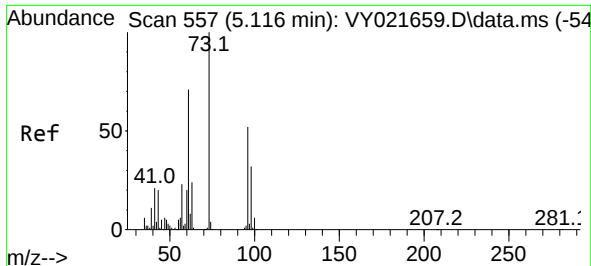
Tgt Ion: 76 Resp: 123232
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 20.791 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 43 Resp: 23144
Ion Ratio Lower Upper
43 100
74 25.6 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 18.352 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

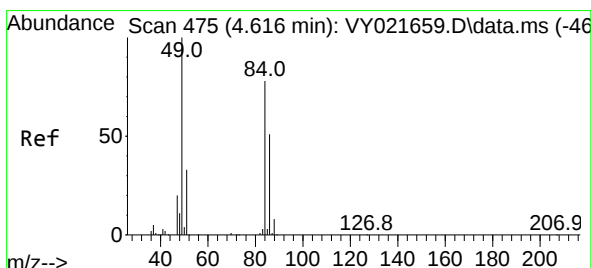
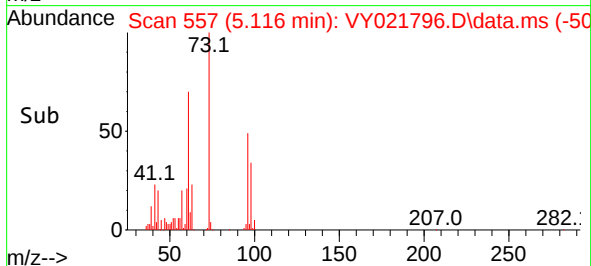
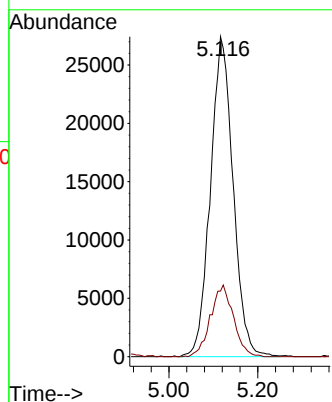
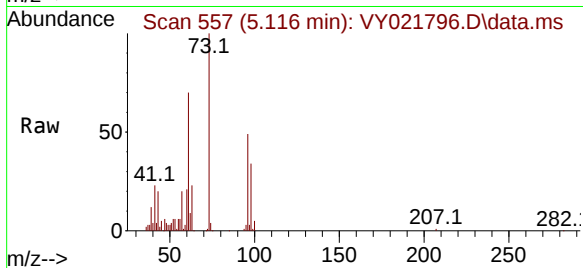
VY0407SBS01

Tgt Ion: 73 Resp: 97072

Ion Ratio Lower Upper

73 100

57 20.5 18.1 27.1



#20

Methylene Chloride

Concen: 19.254 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Tgt Ion: 84 Resp: 47543

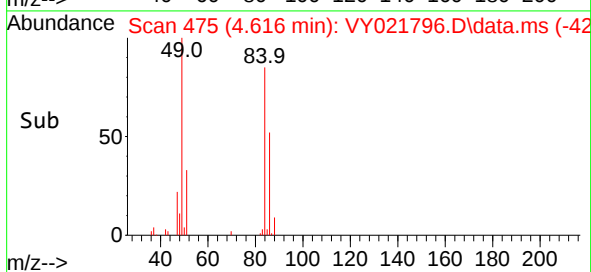
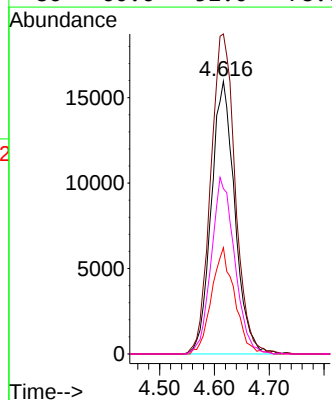
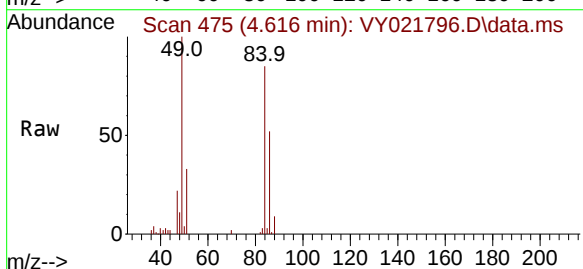
Ion Ratio Lower Upper

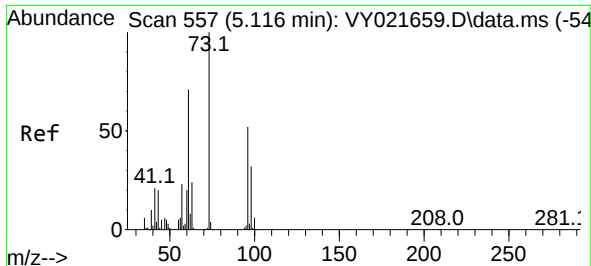
84 100

49 117.4 102.8 154.2

51 39.0 33.5 50.3

86 60.6 52.0 78.0

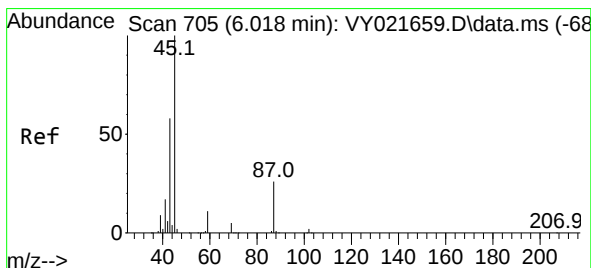
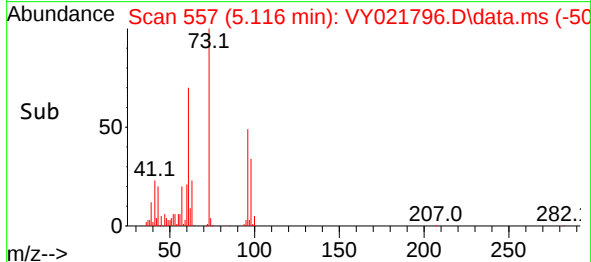
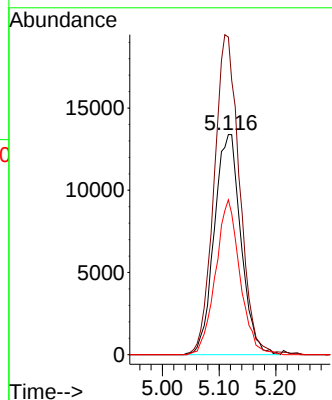
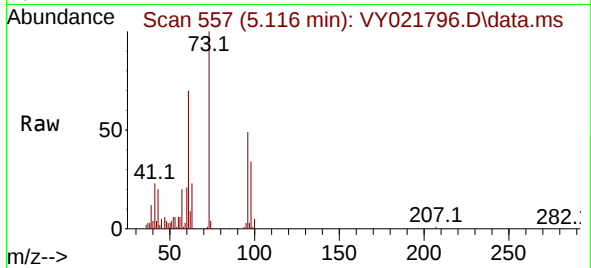




#21
trans-1,2-Dichloroethene
Concen: 18.687 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

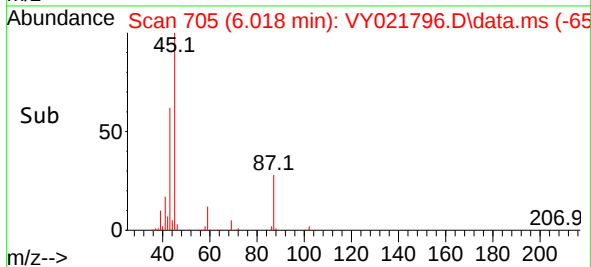
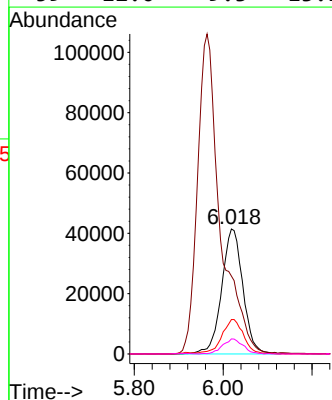
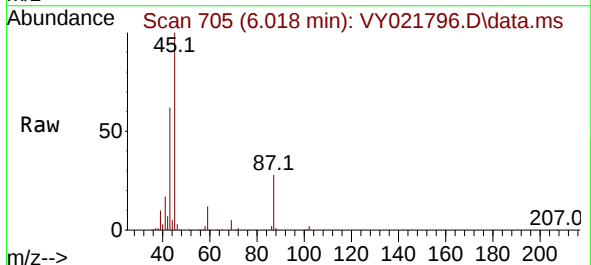
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

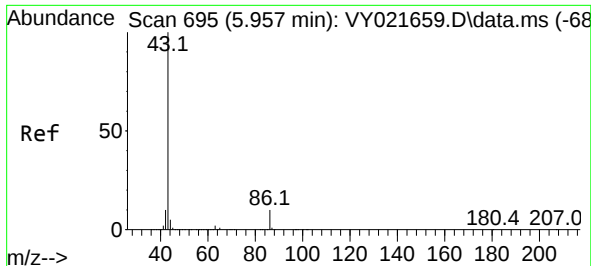
Tgt Ion: 96 Resp: 43713
Ion Ratio Lower Upper
96 100
61 144.3 109.4 164.0
98 70.4 50.2 75.2



#22
Diisopropyl ether
Concen: 19.324 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 45 Resp: 137320
Ion Ratio Lower Upper
45 100
43 61.3 46.6 69.8
87 27.5 20.7 31.1
59 12.0 9.3 13.9

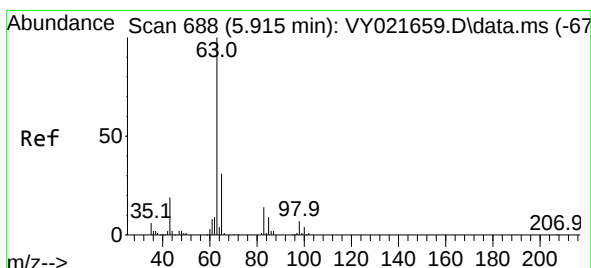
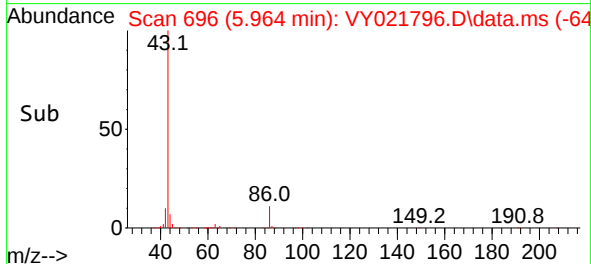
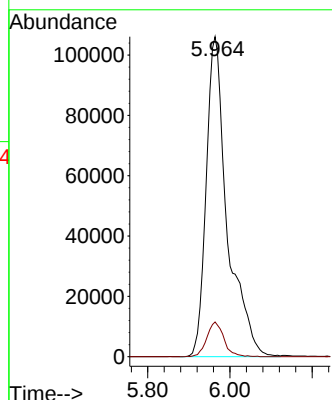
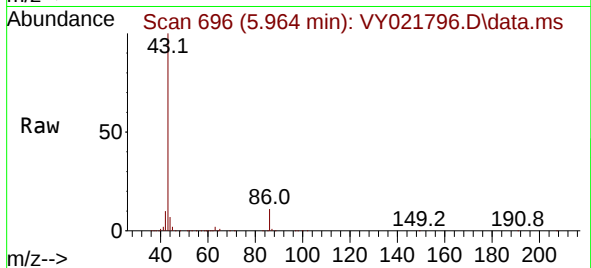




#23
 Vinyl Acetate
 Concen: 90.951 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

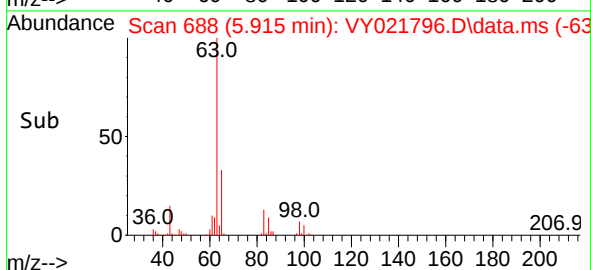
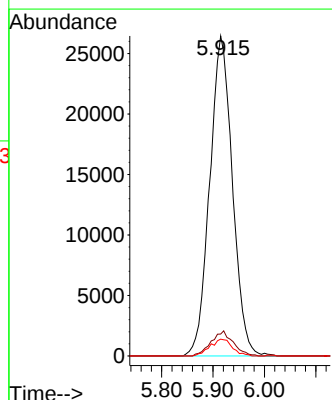
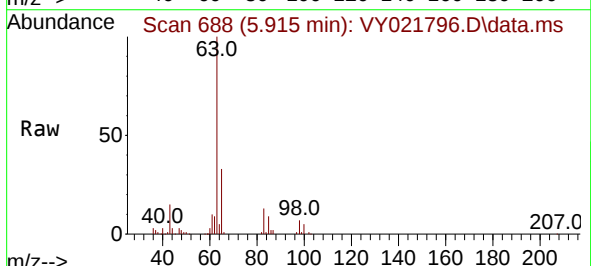
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

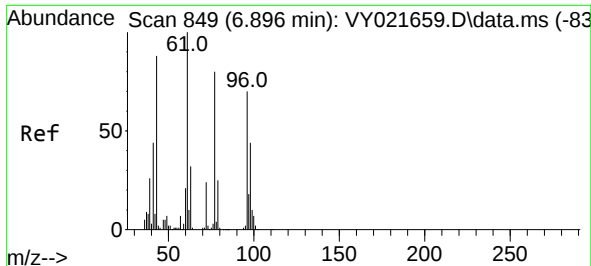
Tgt Ion: 43 Resp: 378088
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.127 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

Tgt Ion: 63 Resp: 81273
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 85.526 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

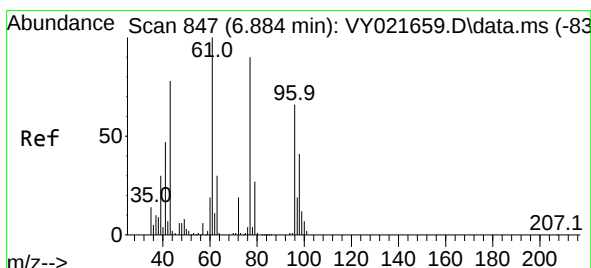
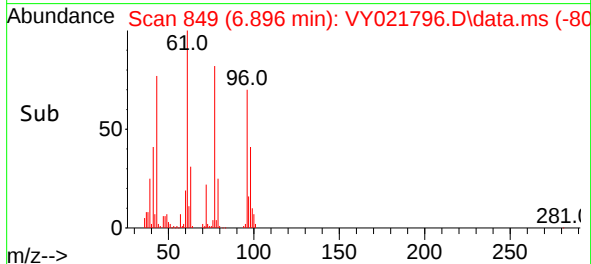
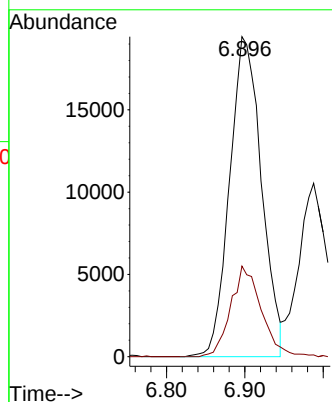
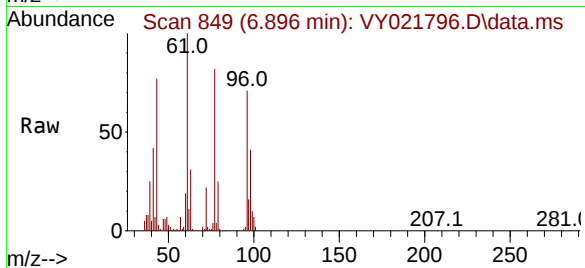
VY0407SBS01

Tgt Ion: 43 Resp: 54867

Ion Ratio Lower Upper

43 100

72 28.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 17.837 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021796.D

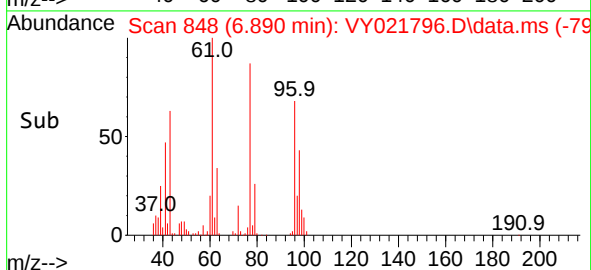
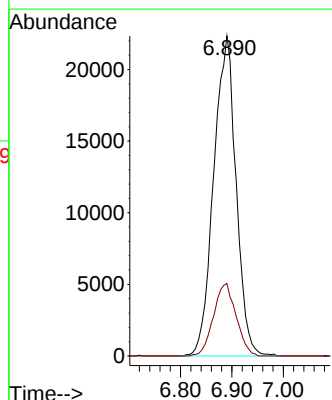
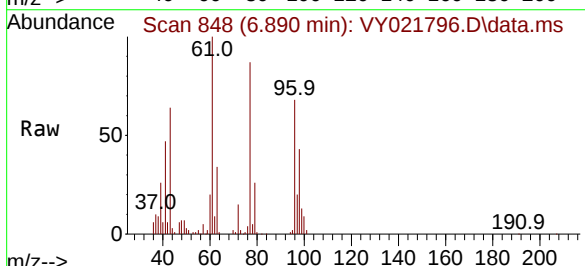
Acq: 07 Apr 2025 14:07

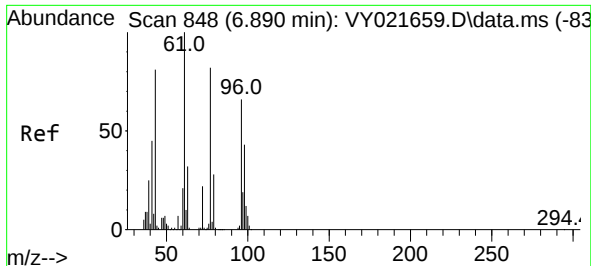
Tgt Ion: 77 Resp: 67416

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 18.874 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

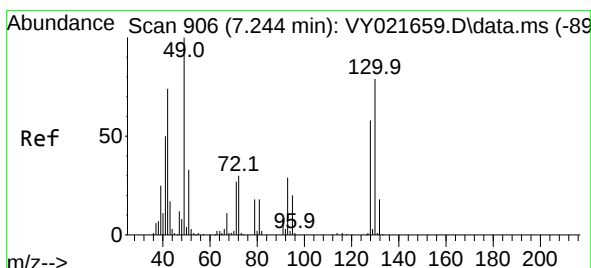
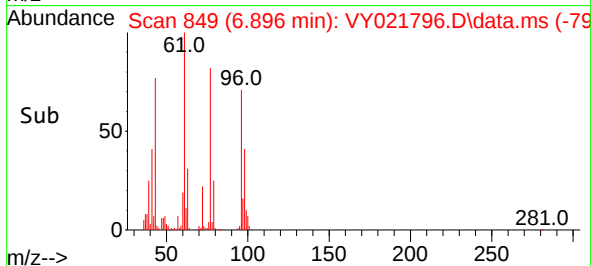
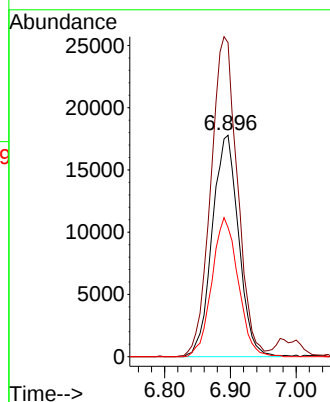
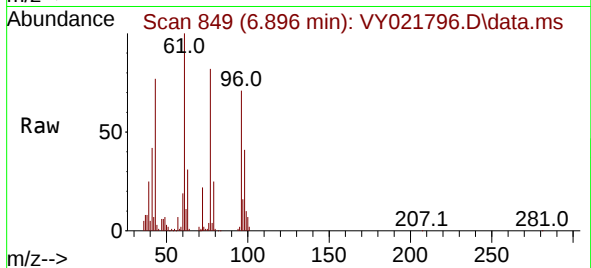
Tgt Ion: 96 Resp: 49651

Ion Ratio Lower Upper

96 100

61 146.1 0.0 296.4

98 62.6 0.0 128.0



#28

Bromochloromethane

Concen: 19.870 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

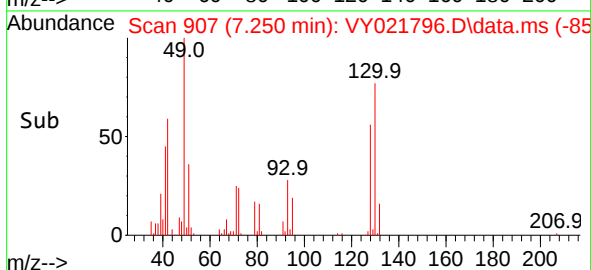
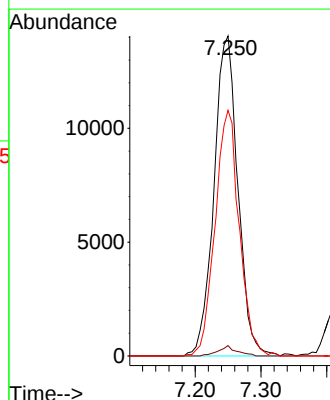
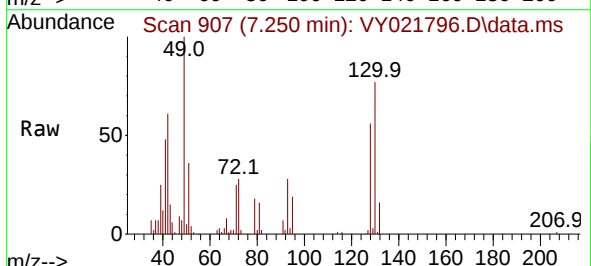
Tgt Ion: 49 Resp: 35606

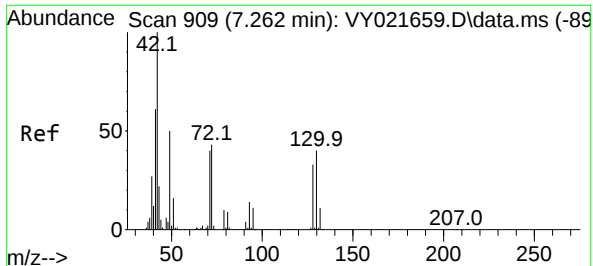
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 77.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 91.436 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

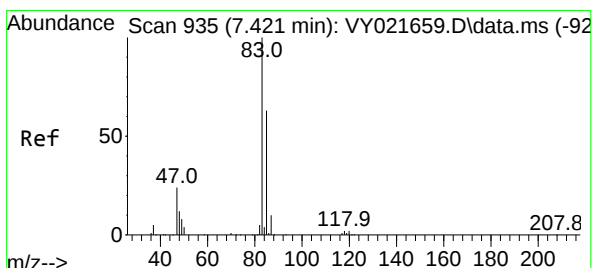
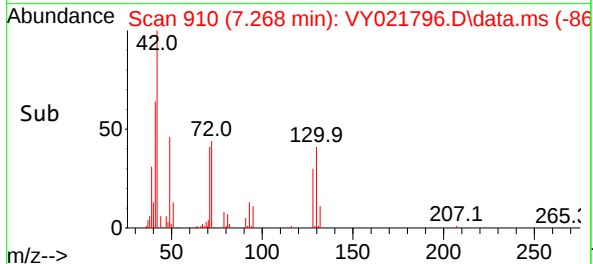
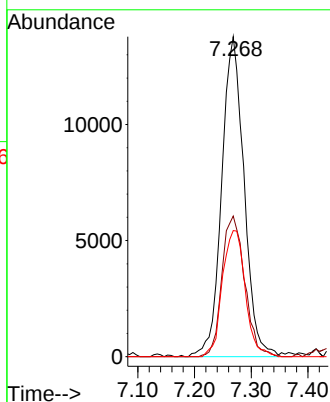
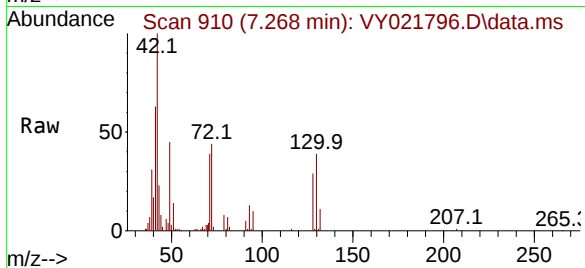
Tgt Ion: 42 Resp: 37752

Ion Ratio Lower Upper

42 100

72 44.7 34.6 52.0

71 40.4 32.5 48.7



#30

Chloroform

Concen: 19.386 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021796.D

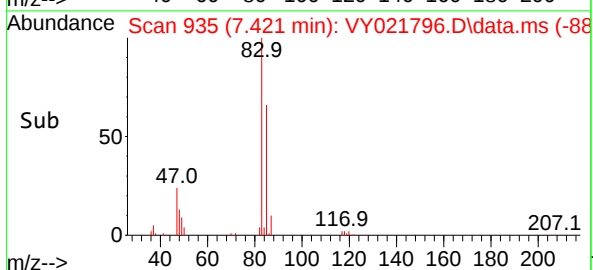
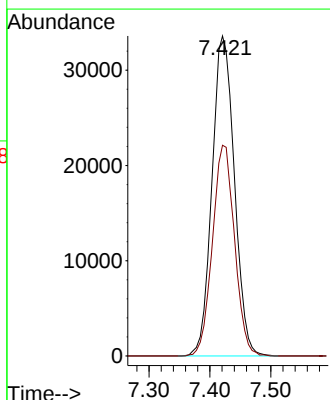
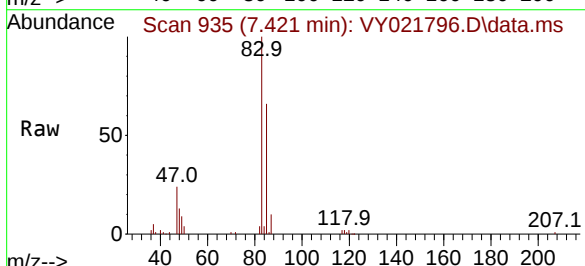
Acq: 07 Apr 2025 14:07

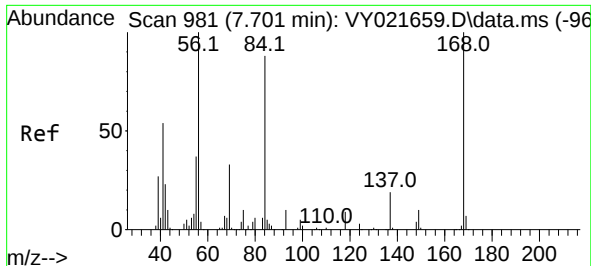
Tgt Ion: 83 Resp: 85674

Ion Ratio Lower Upper

83 100

85 65.9 50.6 75.8

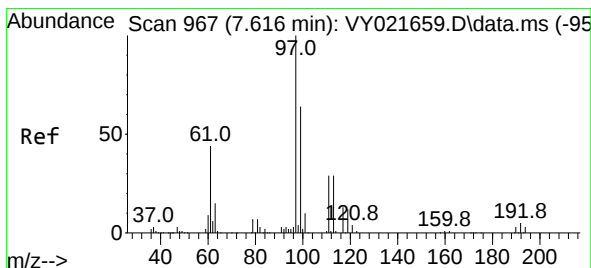
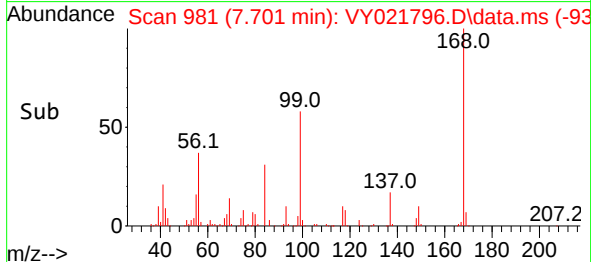
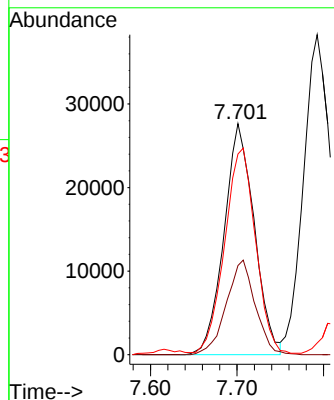
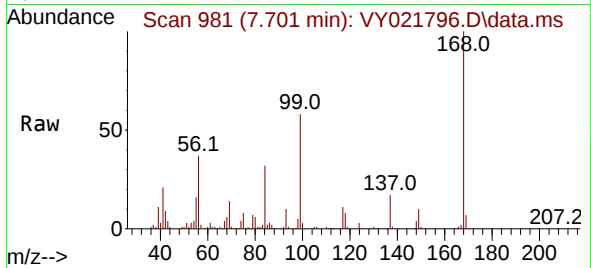




#31
Cyclohexane
Concen: 17.333 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

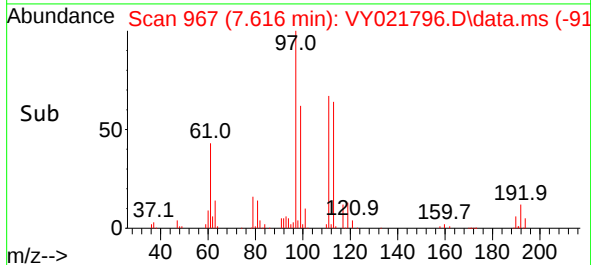
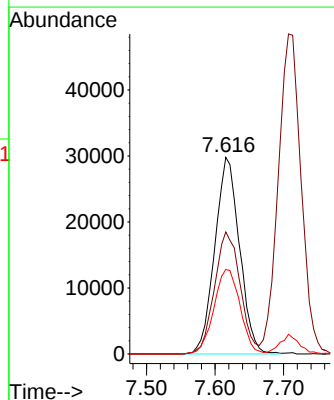
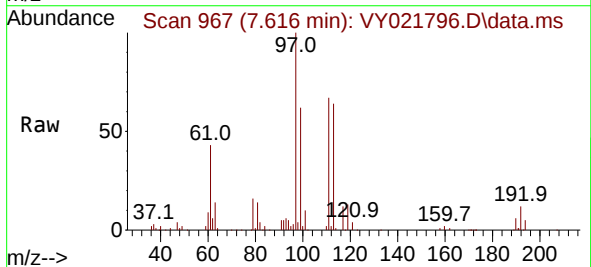
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

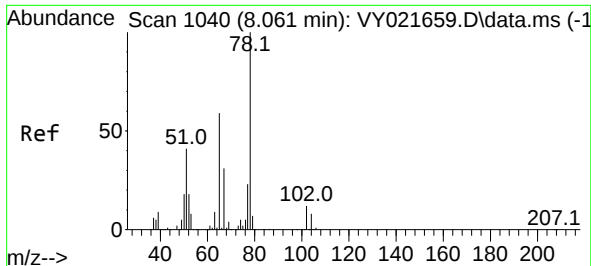
Tgt Ion: 56 Resp: 67135
Ion Ratio Lower Upper
56 100
69 38.2 26.6 40.0
84 85.2 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 18.687 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 97 Resp: 74644
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 45.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.360 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

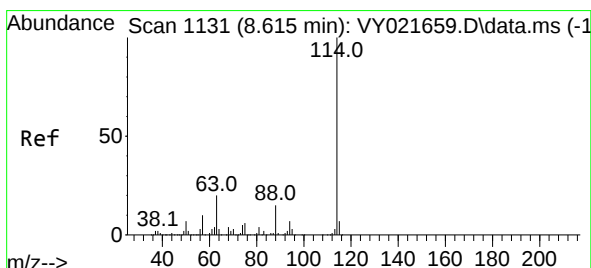
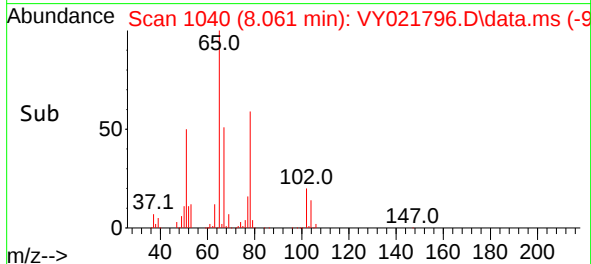
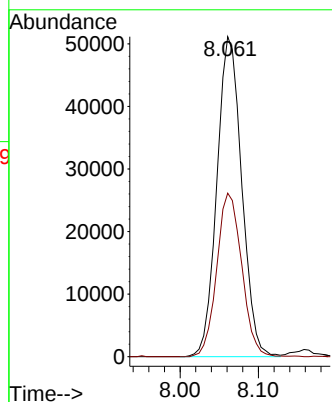
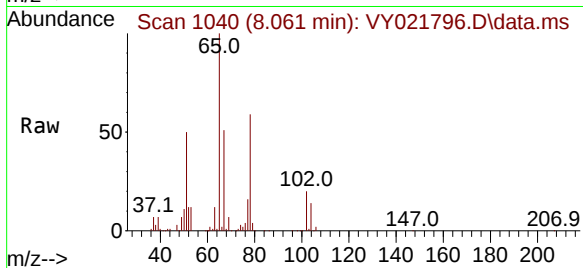
VY0407SBS01

Tgt Ion: 65 Resp: 112714

Ion Ratio Lower Upper

65 100

67 51.4 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: VY021796.D

Acq: 07 Apr 2025 14:07

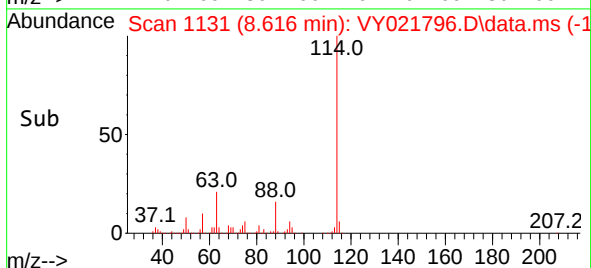
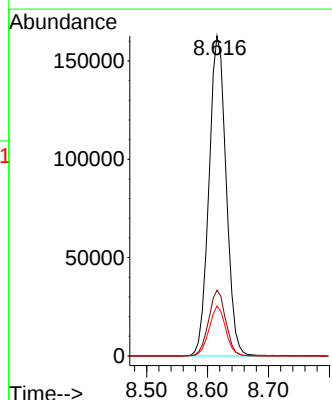
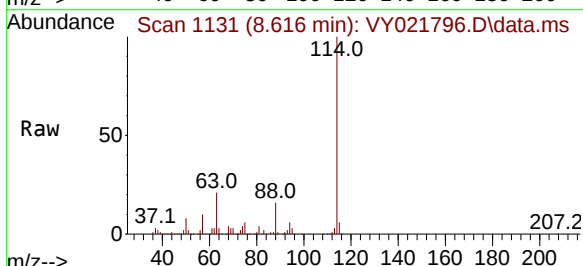
Tgt Ion: 114 Resp: 317911

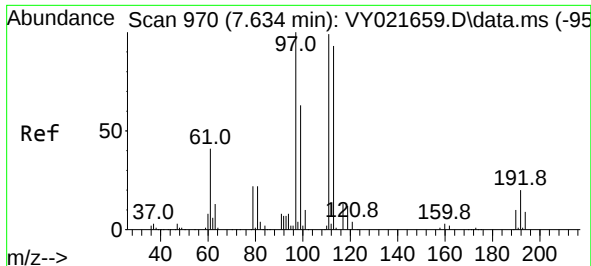
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.6 0.0 29.8

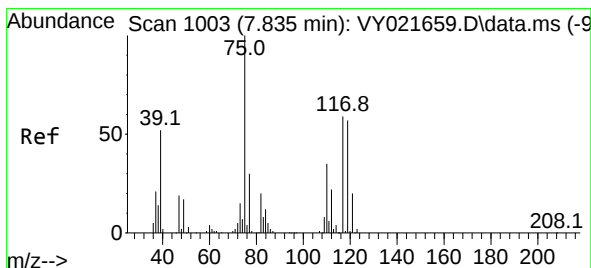
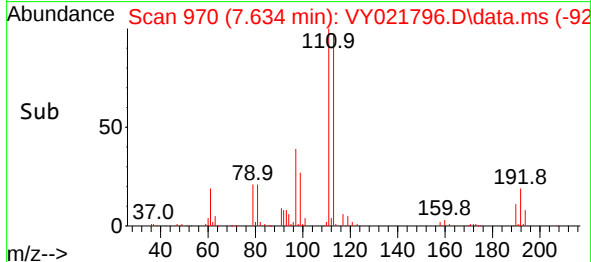
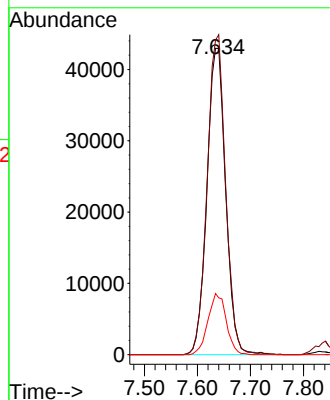
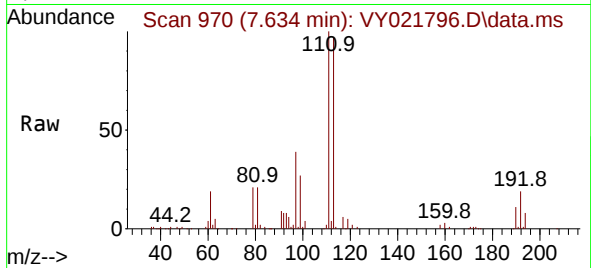




#35
Dibromofluoromethane
Concen: 51.133 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

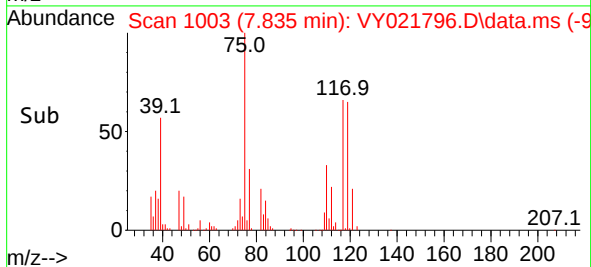
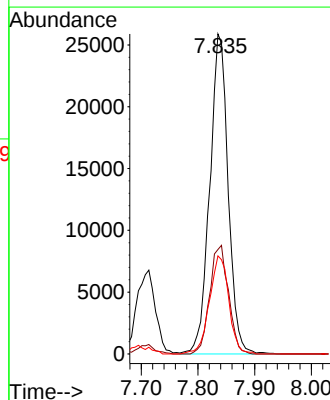
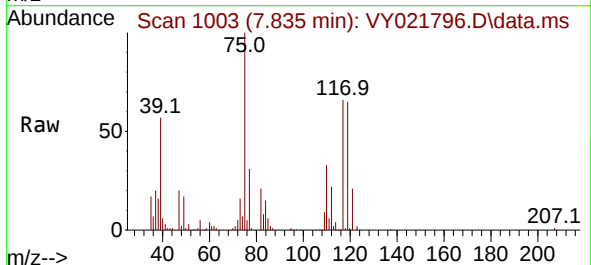
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

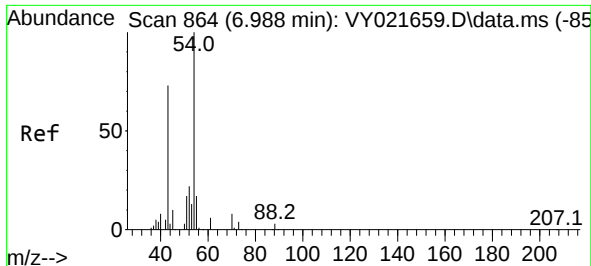
Tgt Ion:113 Resp: 105448
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 18.597 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

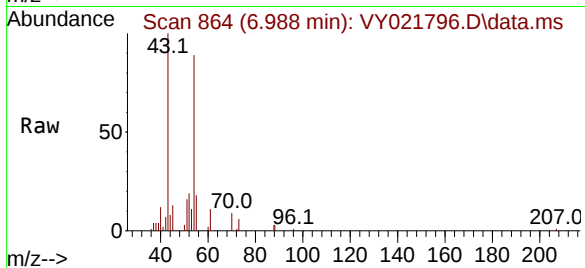
Tgt Ion: 75 Resp: 58414
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 32.2 24.8 37.2



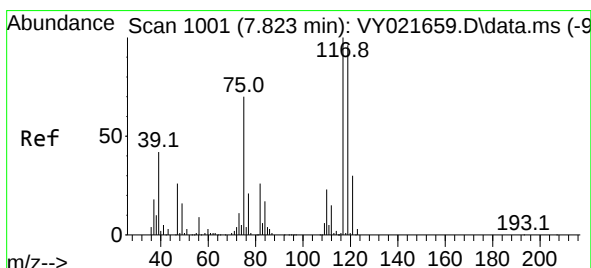
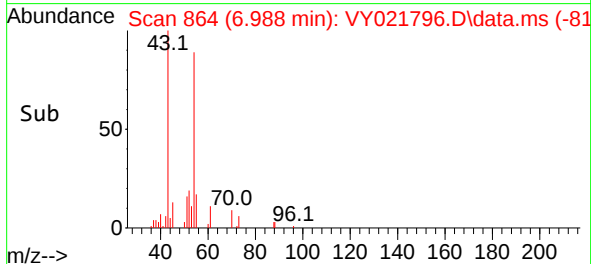
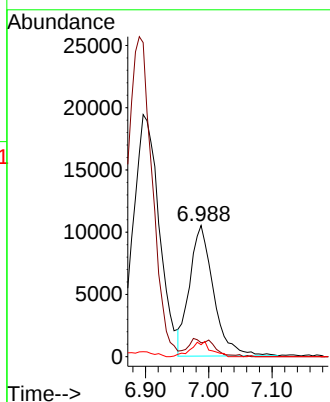


#37
Ethyl Acetate
Concen: 18.694 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

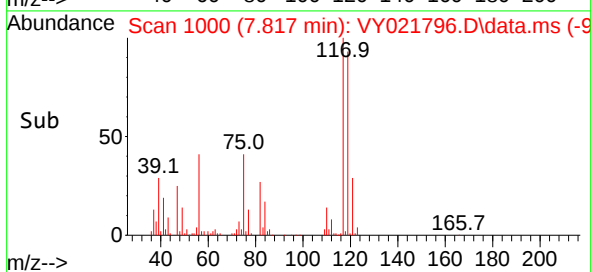
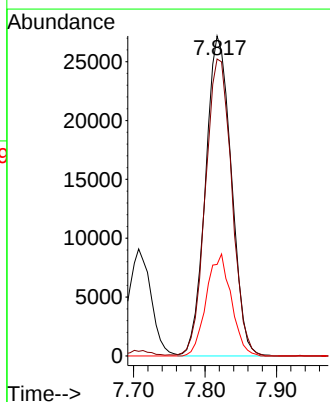
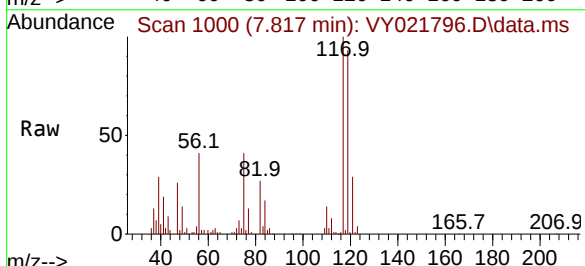


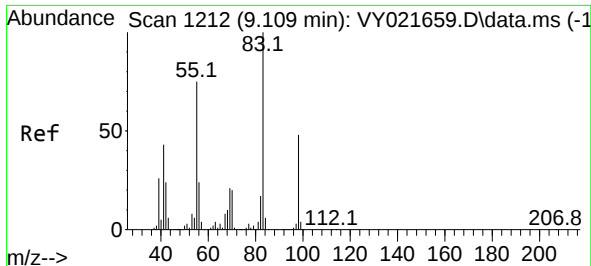
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	9.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 18.934 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.2	114.4
121	28.6	24.2	36.4





#39

Methylcyclohexane

Concen: 17.939 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

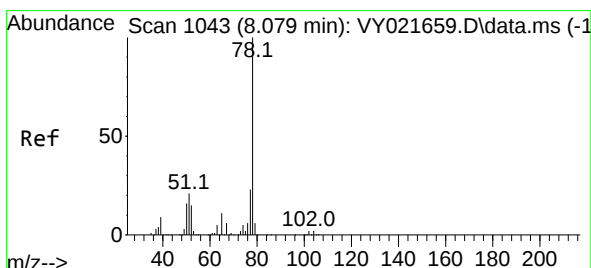
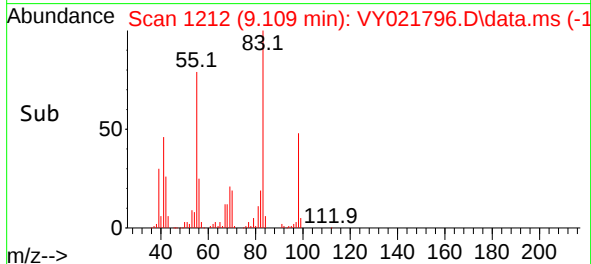
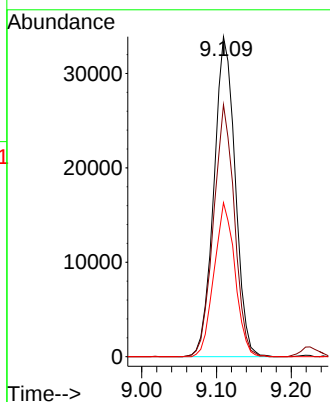
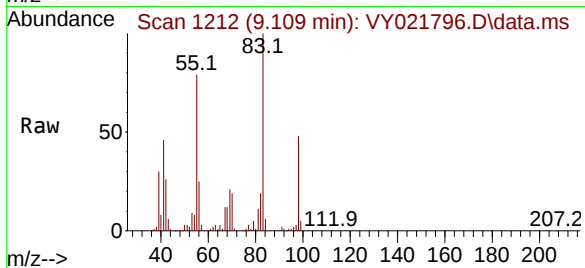
Tgt Ion: 83 Resp: 67315

Ion Ratio Lower Upper

83 100

55 78.8 59.7 89.5

98 48.1 38.3 57.5



#40

Benzene

Concen: 19.264 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY021796.D

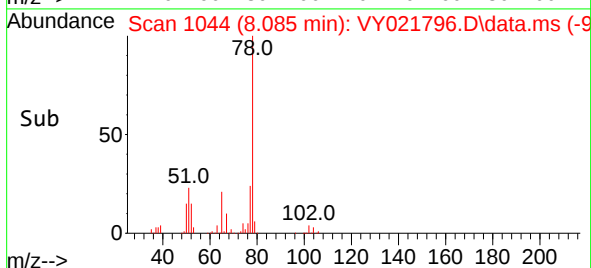
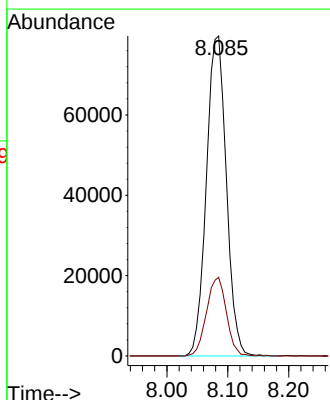
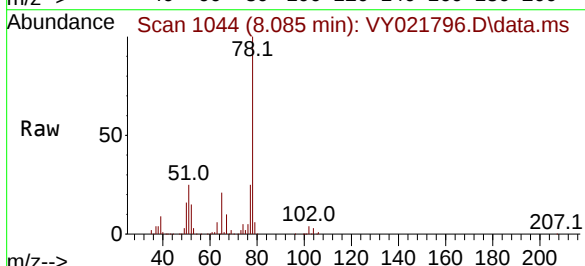
Acq: 07 Apr 2025 14:07

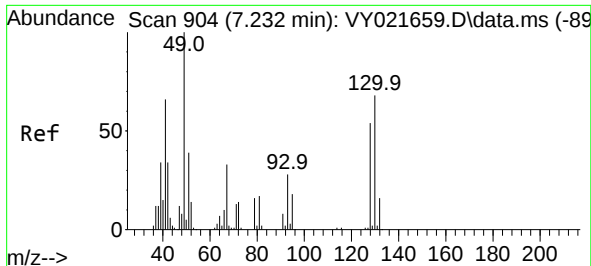
Tgt Ion: 78 Resp: 181213

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

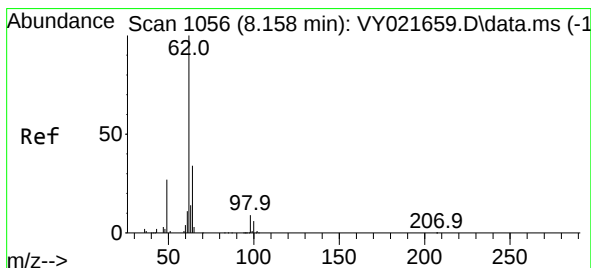
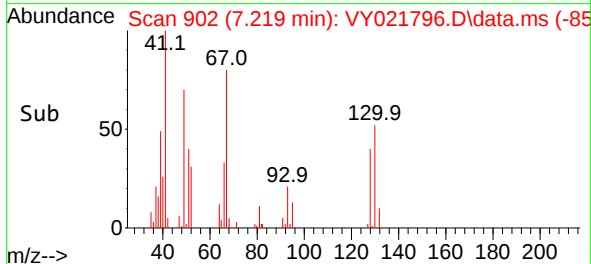
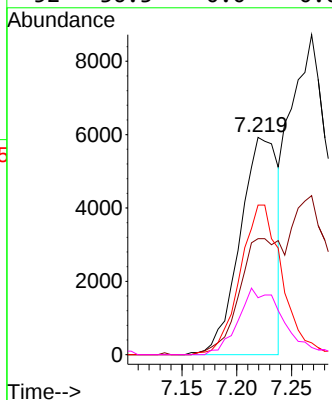
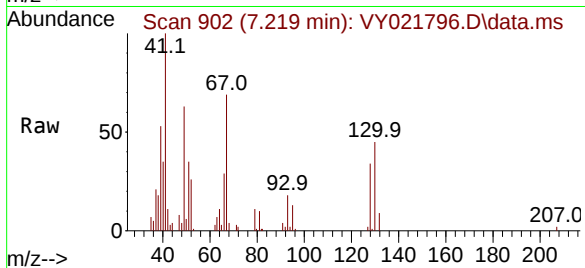




#41
Methacrylonitrile
Concen: 17.999 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

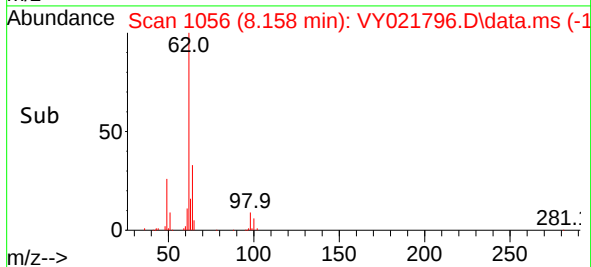
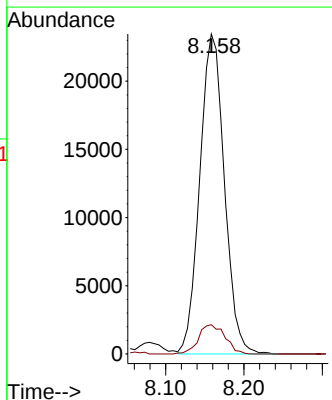
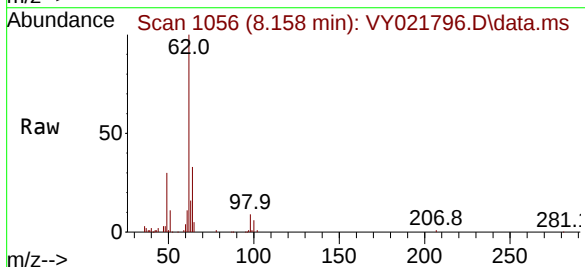
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

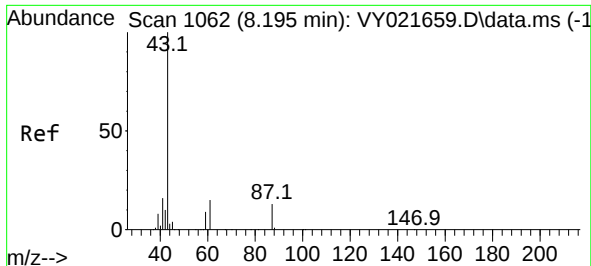
Tgt Ion:	41	Resp:	14170
Ion	Ratio	Lower	Upper
41	100		
39	62.3	0.0	0.0#
67	77.1	0.0	0.0#
52	36.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.317 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion:	62	Resp:	51227
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.4

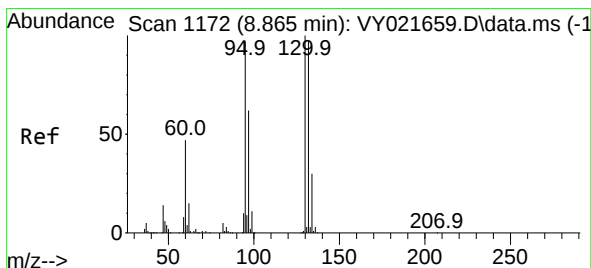
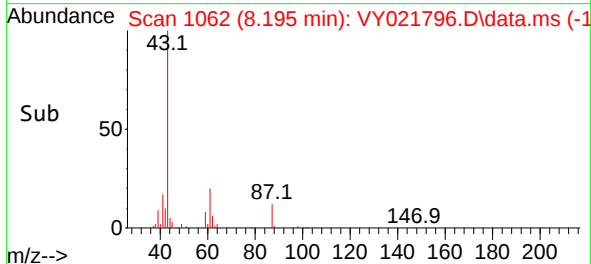
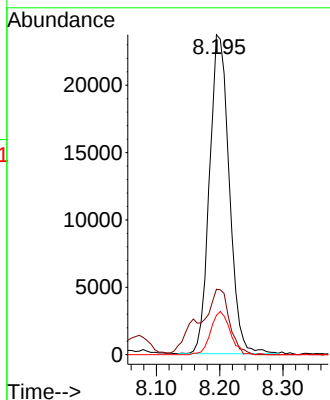
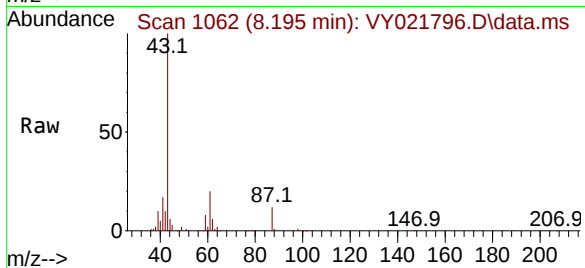




#43
Isopropyl Acetate
Concen: 18.225 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

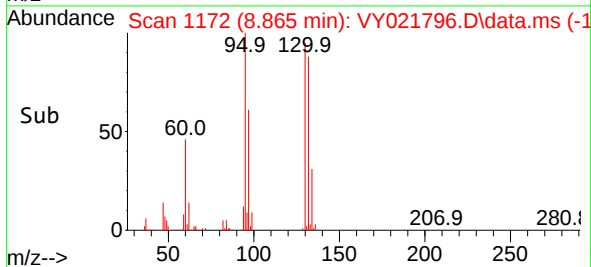
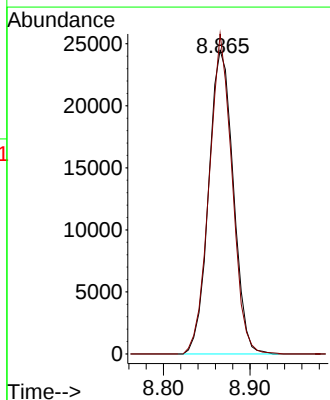
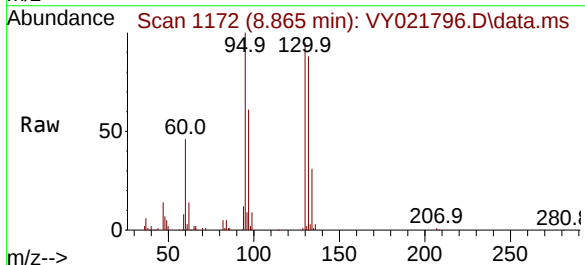
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

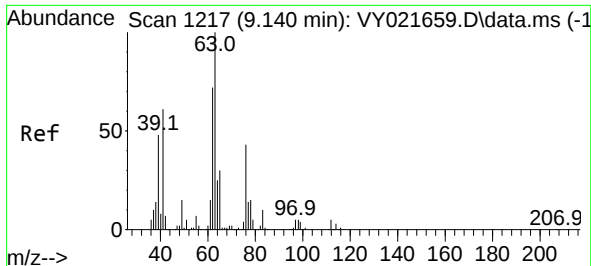
Tgt Ion: 43 Resp: 51199
Ion Ratio Lower Upper
43 100
61 21.9 15.9 23.9
87 13.2 10.4 15.6



#44
Trichloroethene
Concen: 20.156 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion:130 Resp: 48310
Ion Ratio Lower Upper
130 100
95 105.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.451 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

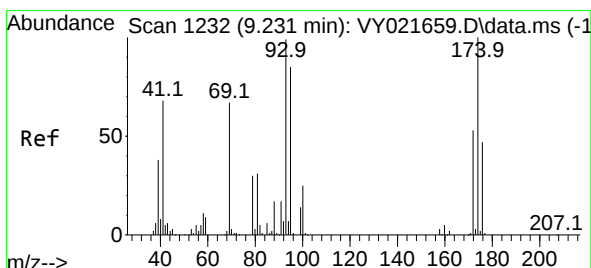
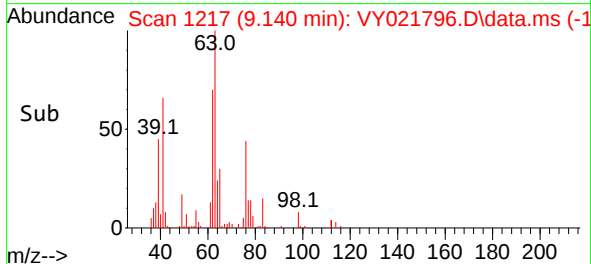
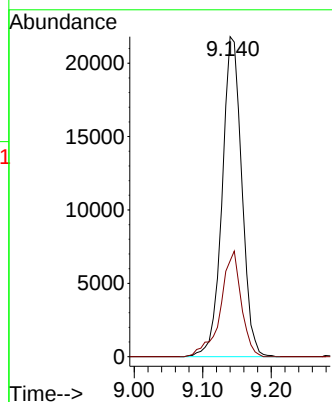
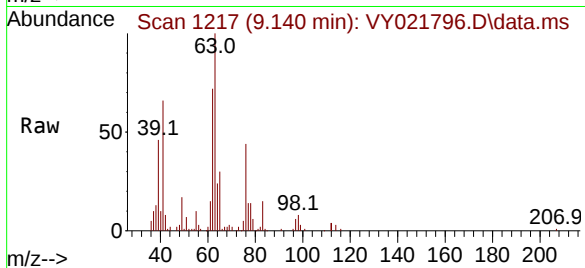
VY0407SBS01

Tgt Ion: 63 Resp: 43310

Ion Ratio Lower Upper

63 100

65 29.9 24.4 36.6



#46

Dibromomethane

Concen: 19.965 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

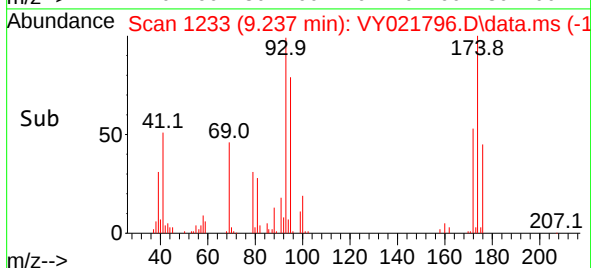
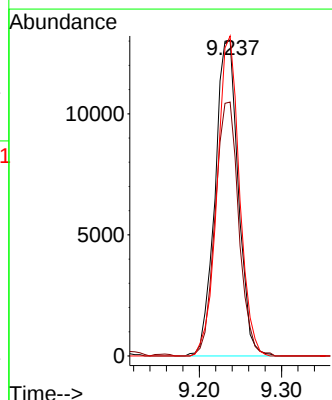
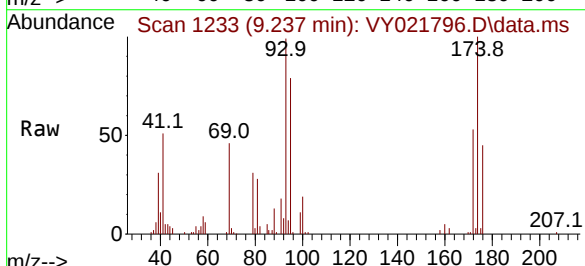
Tgt Ion: 93 Resp: 25621

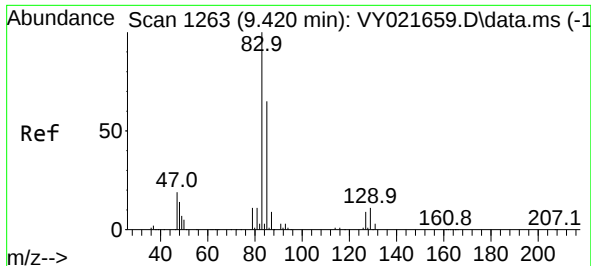
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

174 97.1 80.9 121.3

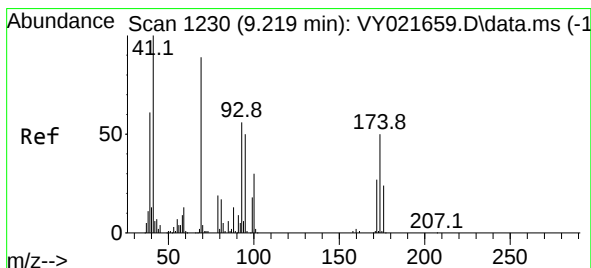
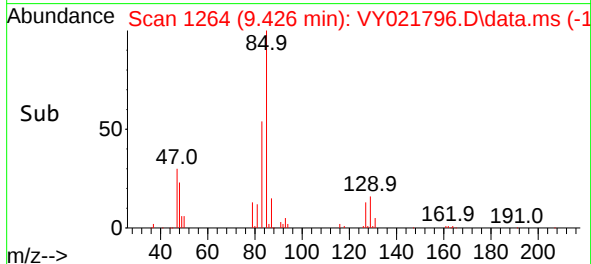
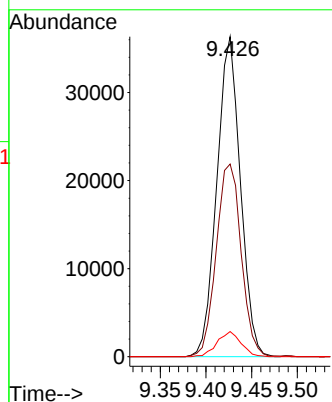
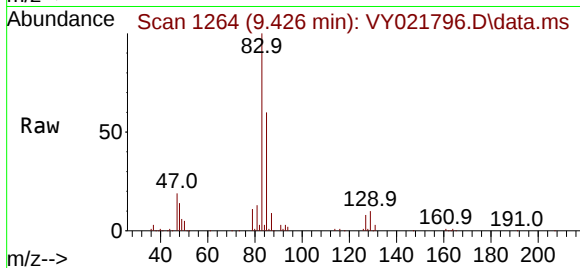




#47
Bromodichloromethane
Concen: 19.610 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

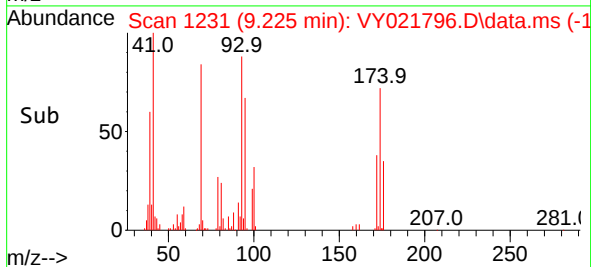
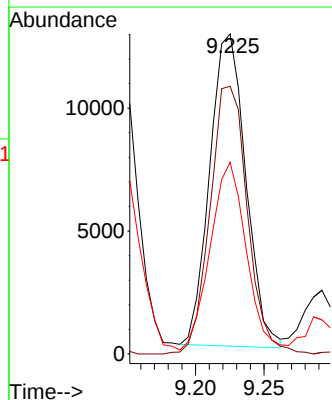
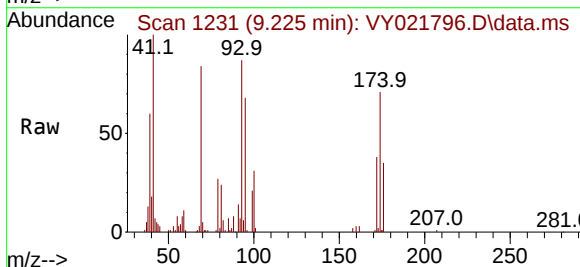
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

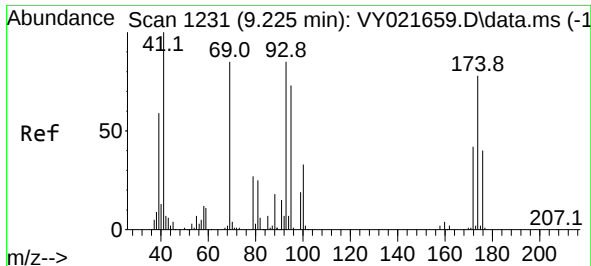
Tgt Ion: 83 Resp: 65208
Ion Ratio Lower Upper
83 100
85 60.2 51.8 77.6
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 18.008 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 41 Resp: 23219
Ion Ratio Lower Upper
41 100
69 89.0 69.8 104.8
39 60.4 47.2 70.8

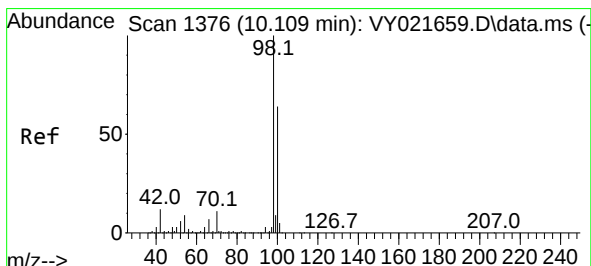
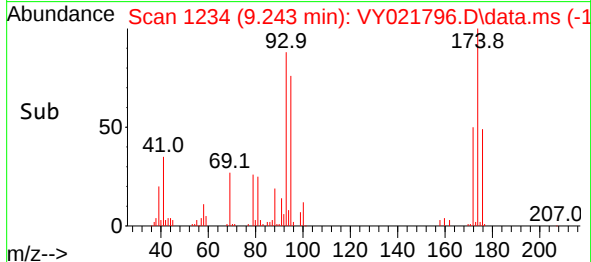
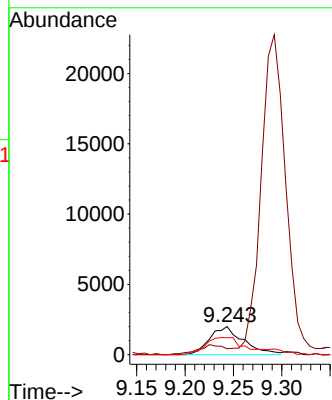
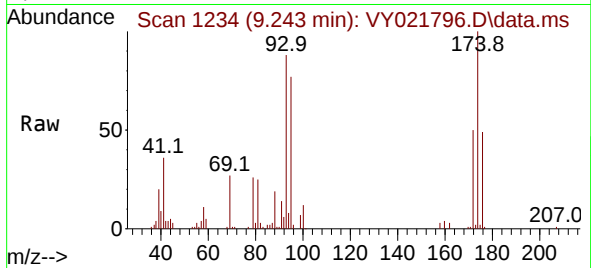




#49
1,4-Dioxane
Concen: 351.345 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

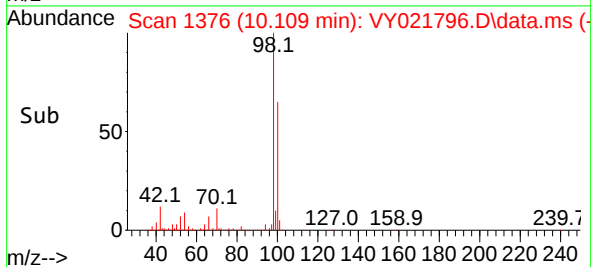
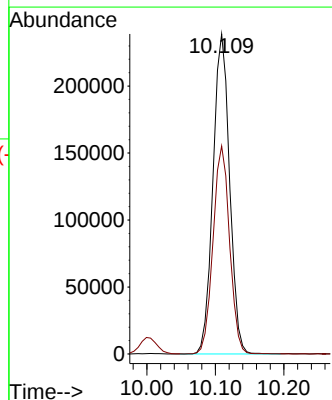
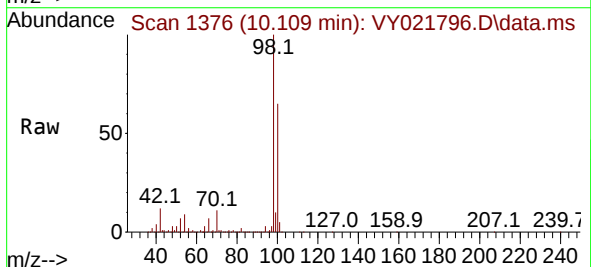
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

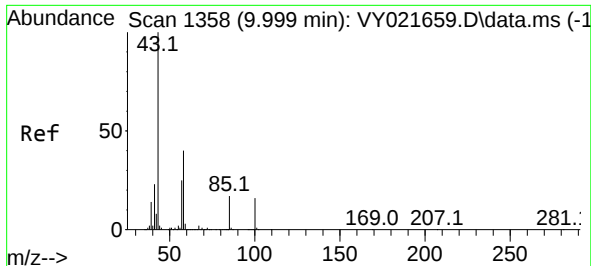
Tgt Ion: 88 Resp: 4830
Ion Ratio Lower Upper
88 100
43 27.8 28.8 43.2#
58 69.6 59.4 89.2



#50
Toluene-d8
Concen: 51.267 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 98 Resp: 402207
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

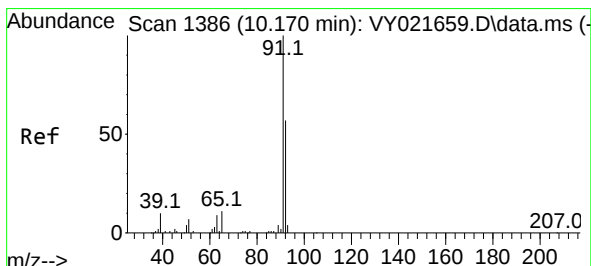
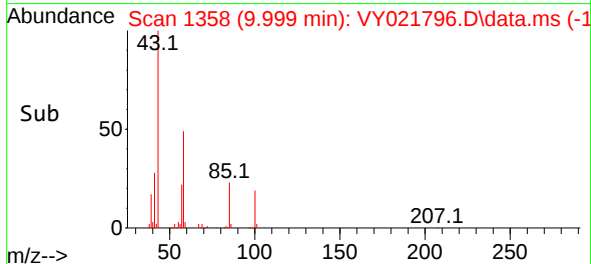
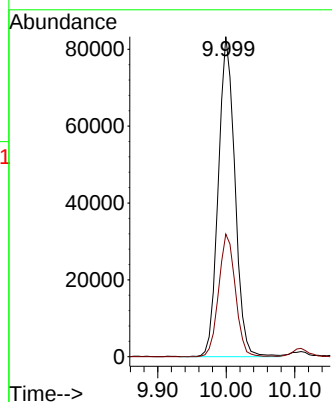
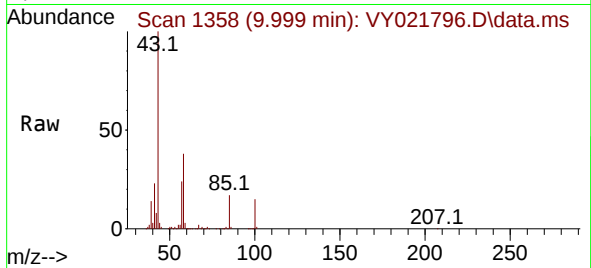




#51
4-Methyl-2-Pentanone
Concen: 95.649 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

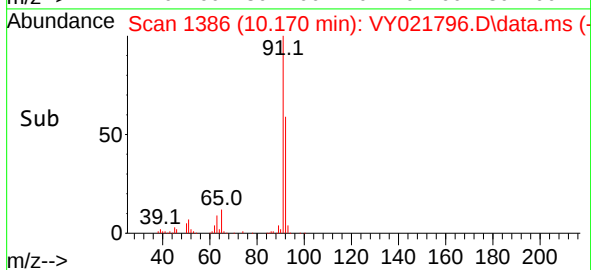
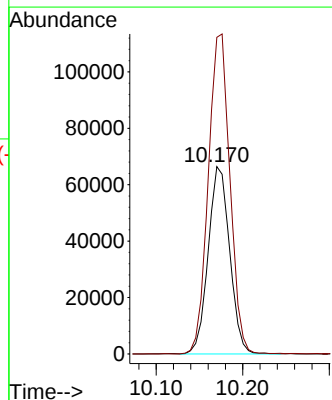
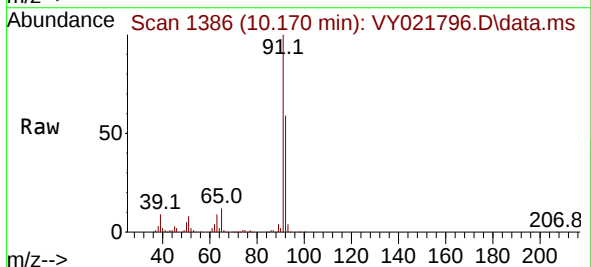
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

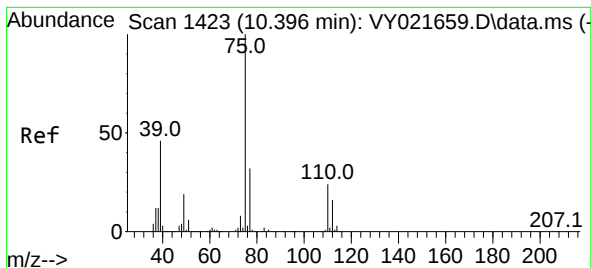
Tgt Ion: 43 Resp: 139834
Ion Ratio Lower Upper
43 100
58 38.6 31.5 47.3



#52
Toluene
Concen: 19.502 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 92 Resp: 114460
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8

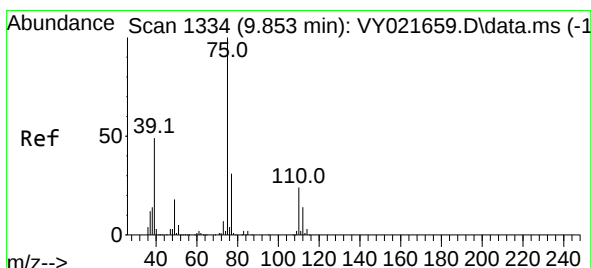
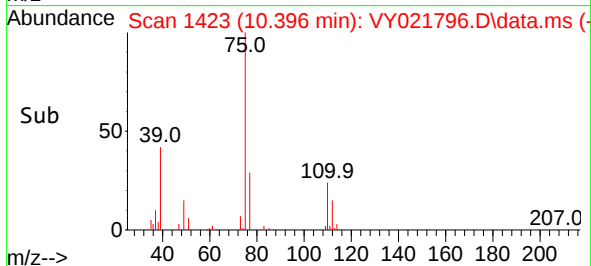
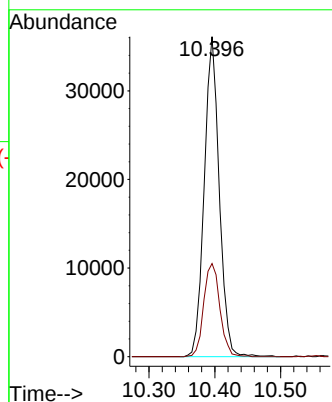
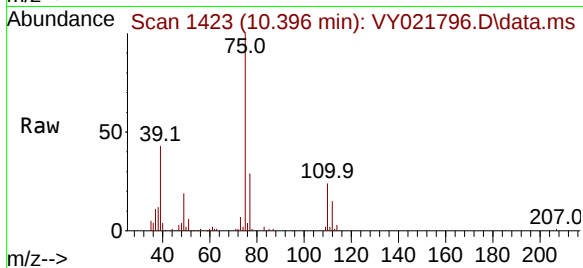




#53
 t-1,3-Dichloropropene
 Concen: 19.407 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

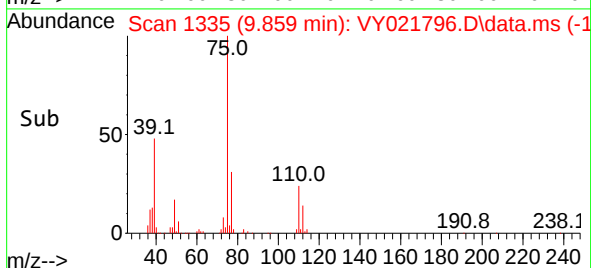
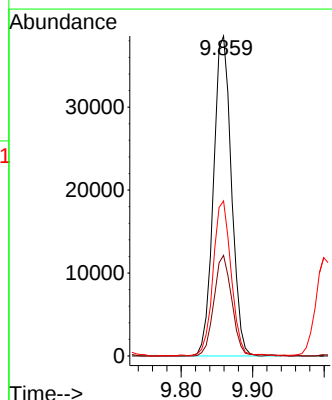
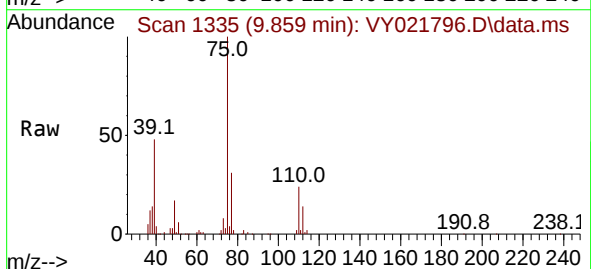
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

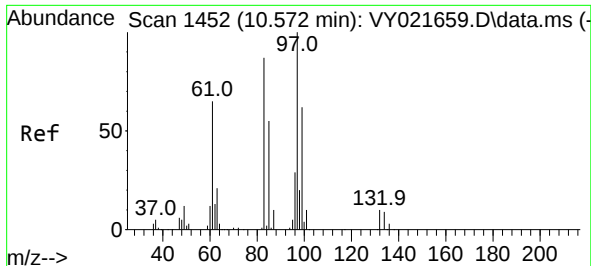
Tgt Ion: 75 Resp: 57318
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.323 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

Tgt Ion: 75 Resp: 67327
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3
 39 48.2 39.2 58.8

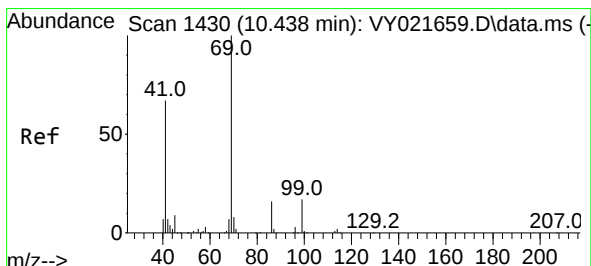
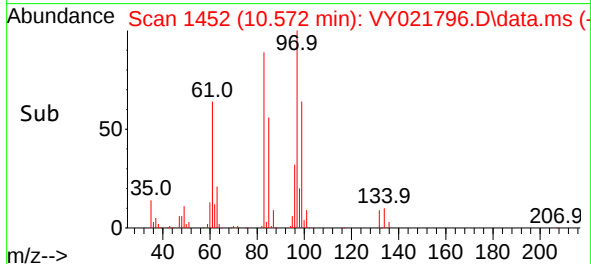
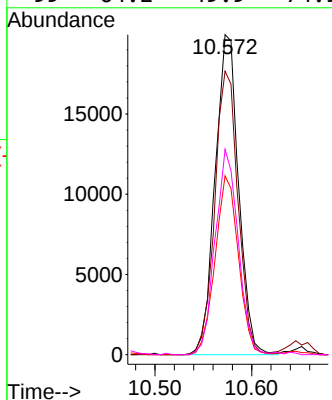
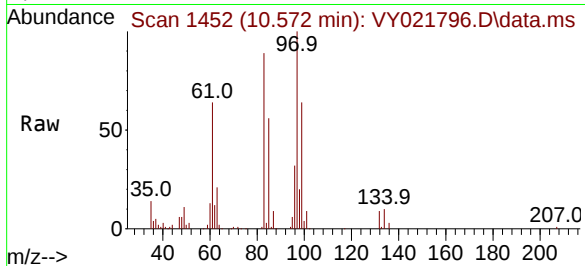




#55
 1,1,2-Trichloroethane
 Concen: 20.349 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

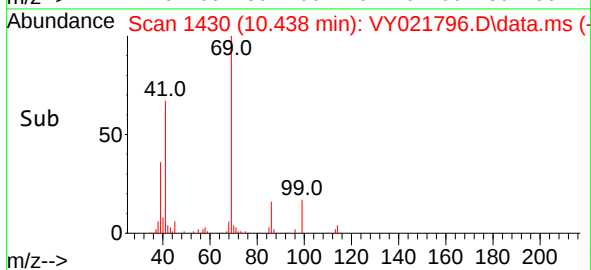
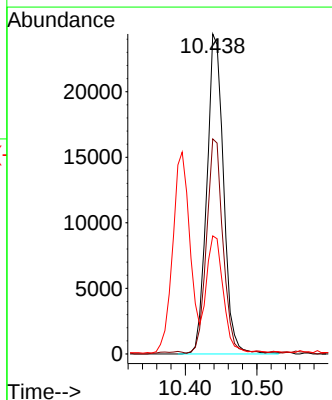
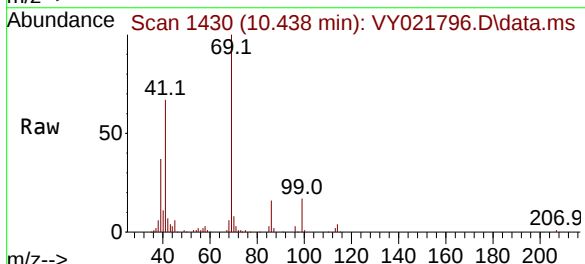
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

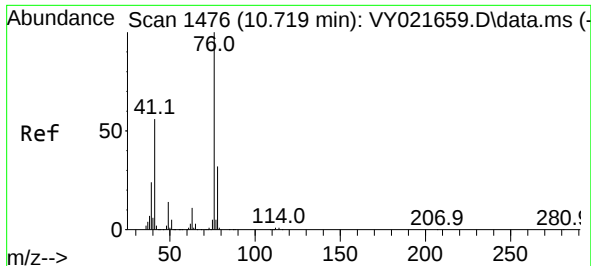
Tgt Ion:	97	Resp:	33605
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.5	104.3
85	55.9	43.9	65.9
99	64.2	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 18.773 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

Tgt Ion:	69	Resp:	39586
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.8	80.6
39	35.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.548 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

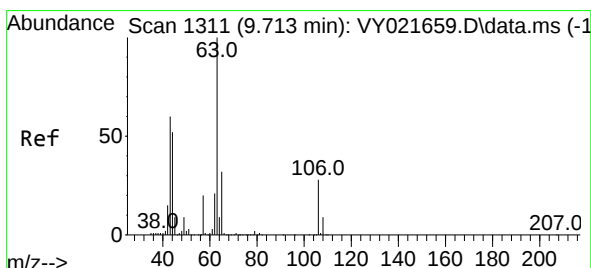
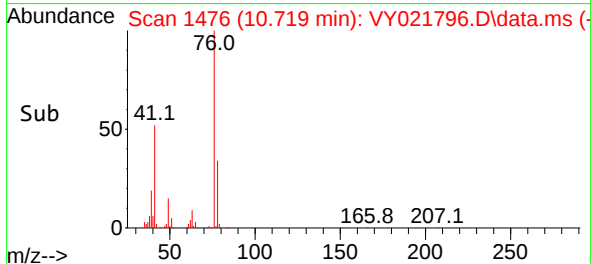
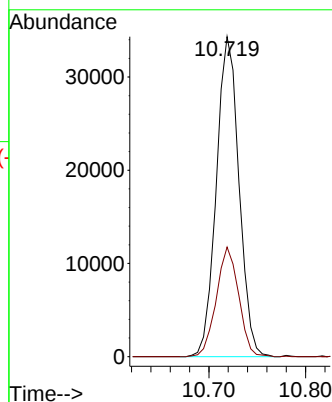
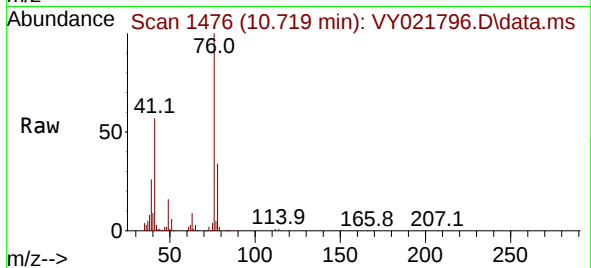
VY0407SBS01

Tgt Ion: 76 Resp: 55754

Ion Ratio Lower Upper

76 100

78 33.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.974 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021796.D

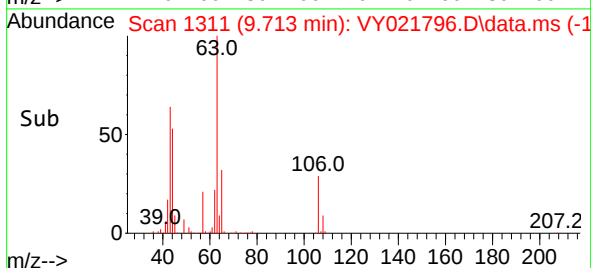
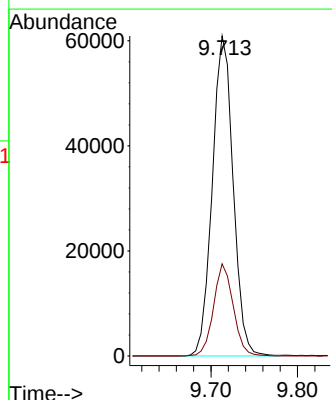
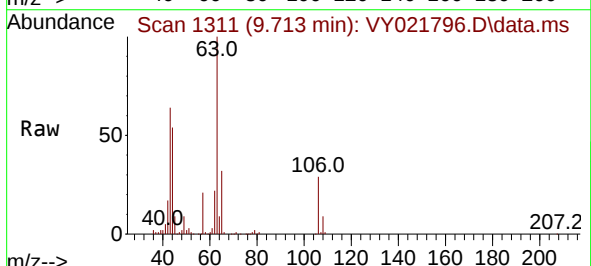
Acq: 07 Apr 2025 14:07

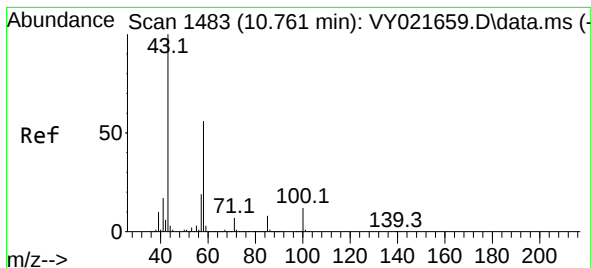
Tgt Ion: 63 Resp: 101813

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

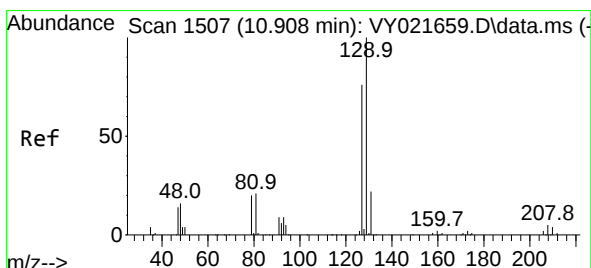
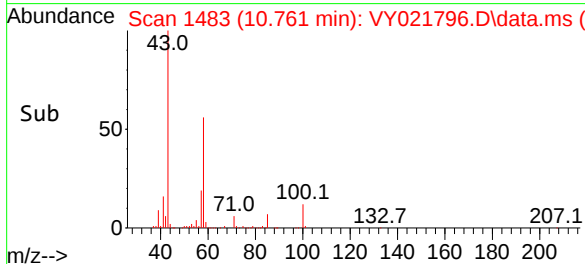
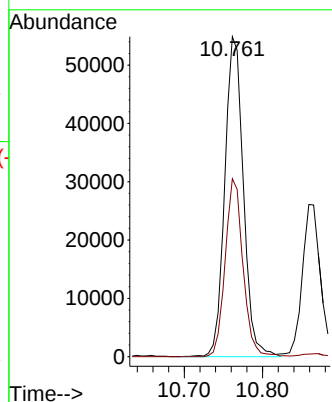
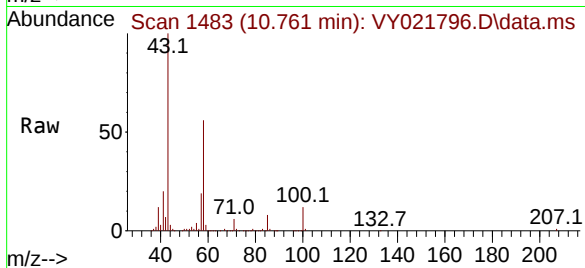




#59
2-Hexanone
Concen: 93.230 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

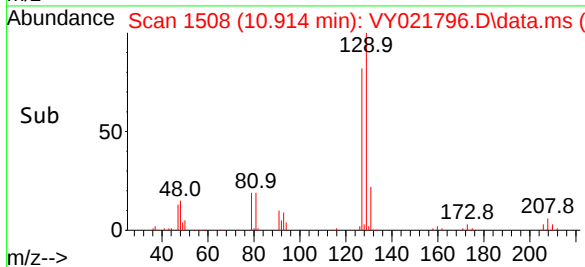
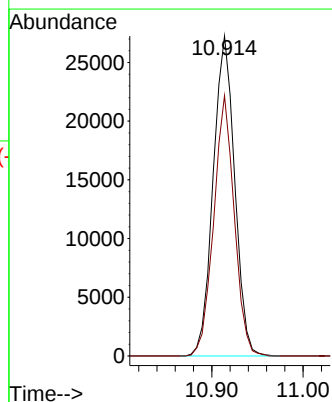
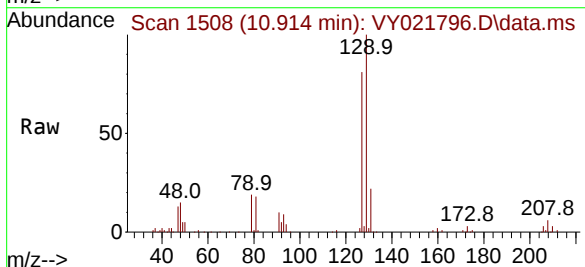
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

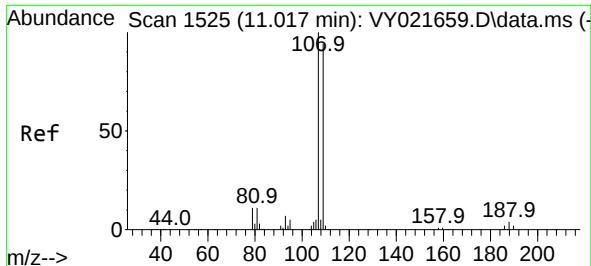
Tgt Ion: 43 Resp: 90772
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5



#60
Dibromochloromethane
Concen: 19.752 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 129 Resp: 44536
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.923 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

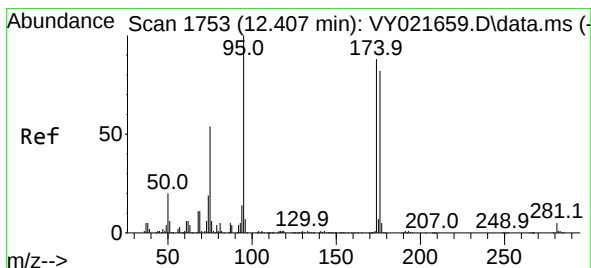
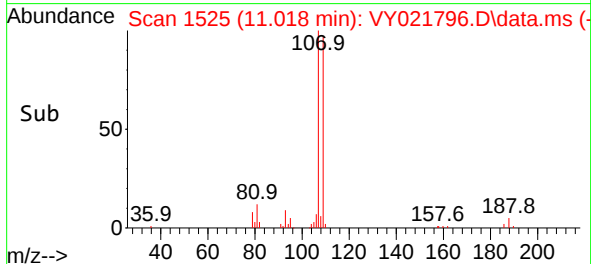
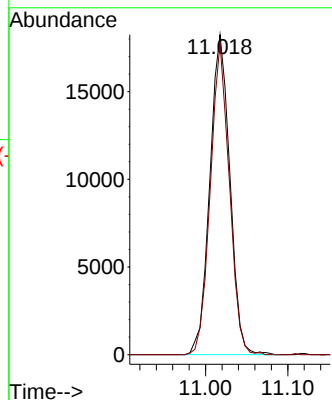
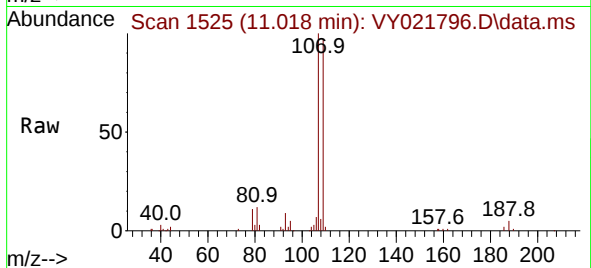
VY0407SBS01

Tgt Ion:107 Resp: 30864

Ion Ratio Lower Upper

107 100

109 92.1 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

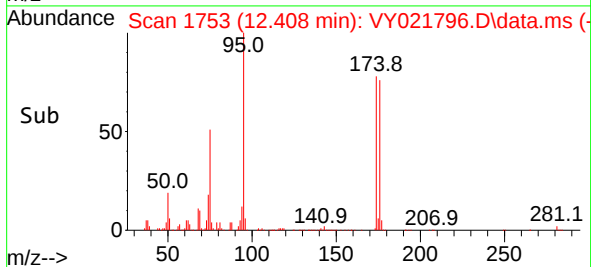
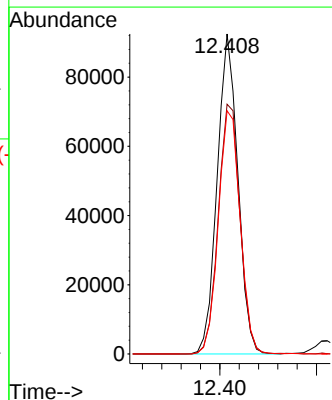
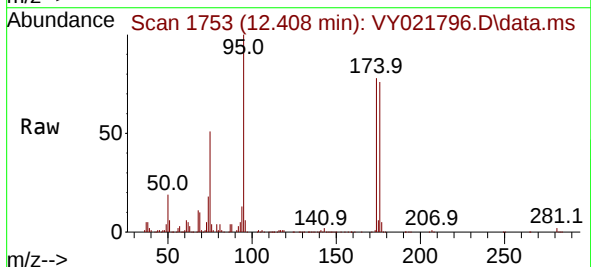
Tgt Ion: 95 Resp: 137431

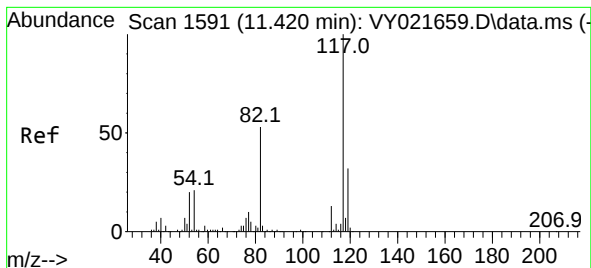
Ion Ratio Lower Upper

95 100

174 81.7 0.0 170.8

176 79.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

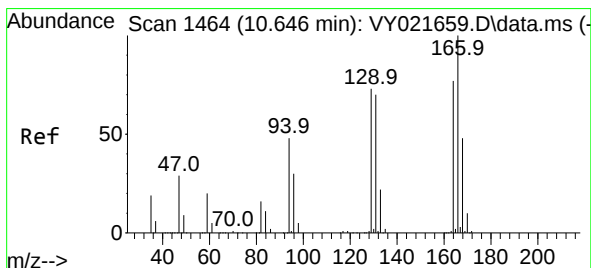
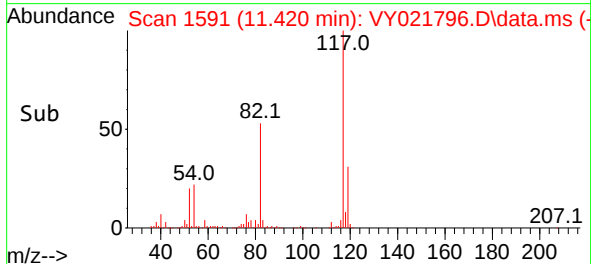
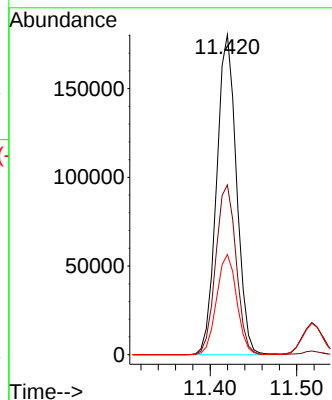
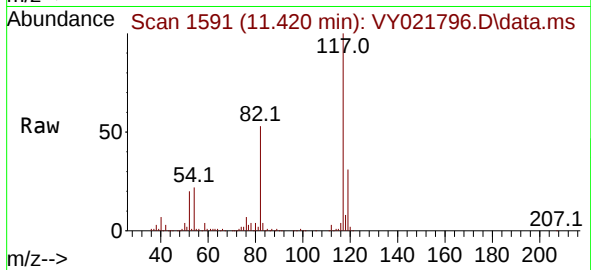
Tgt Ion:117 Resp: 287816

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

119 31.3 25.7 38.5



#64

Tetrachloroethene

Concen: 21.151 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Tgt Ion:164 Resp: 55443

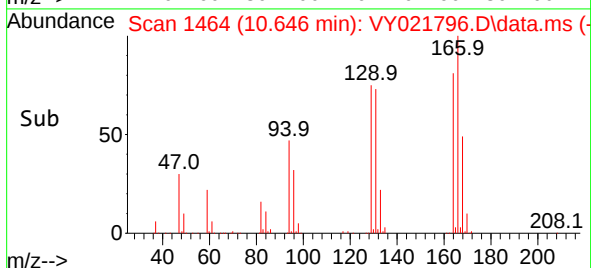
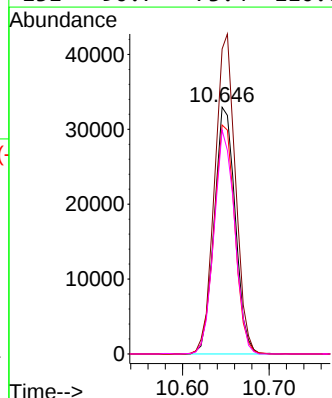
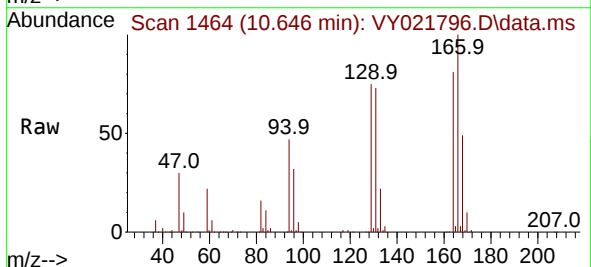
Ion Ratio Lower Upper

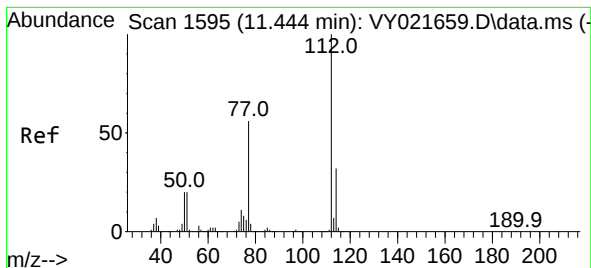
164 100

166 123.6 104.6 156.8

129 92.8 76.6 114.8

131 90.7 73.4 110.0





#65

Chlorobenzene

Concen: 18.989 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

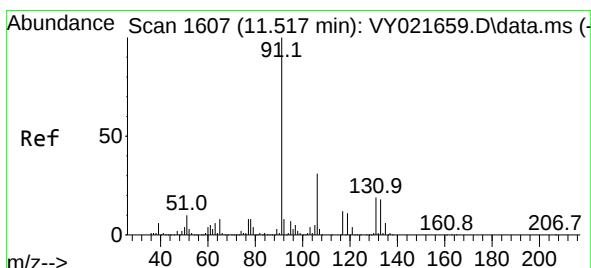
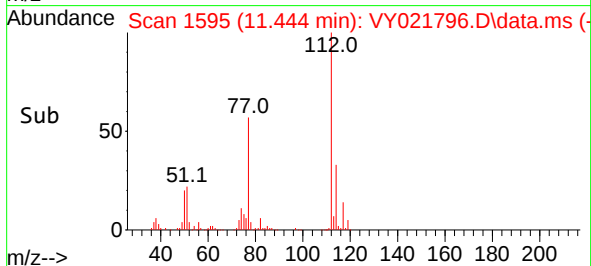
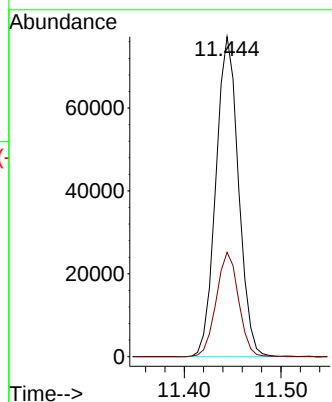
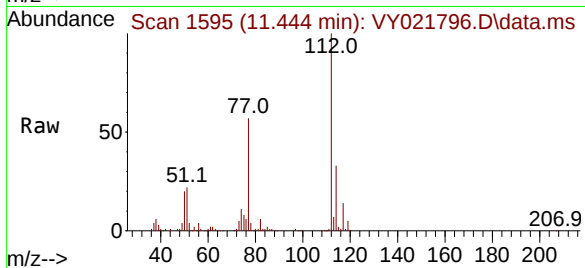
VY0407SBS01

Tgt Ion:112 Resp: 125282

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.954 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

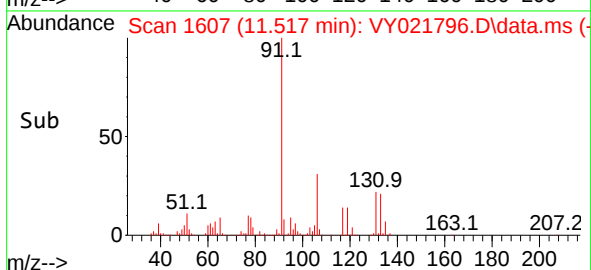
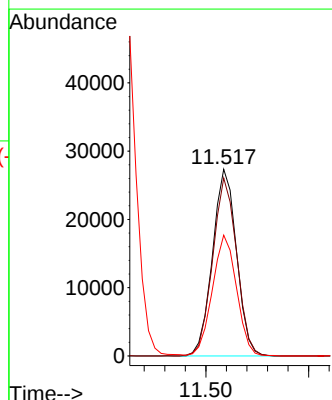
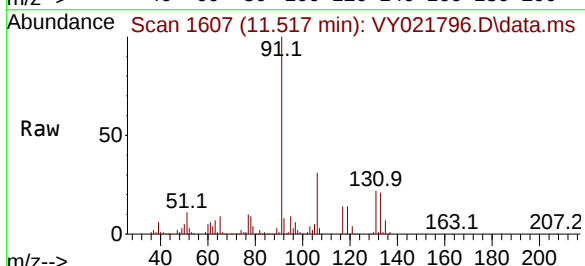
Tgt Ion:131 Resp: 44369

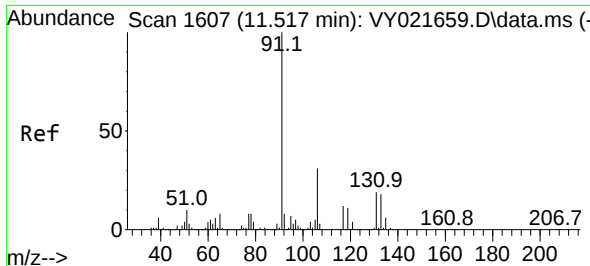
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.8

119 65.2 31.6 95.0





#67

Ethyl Benzene

Concen: 18.222 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

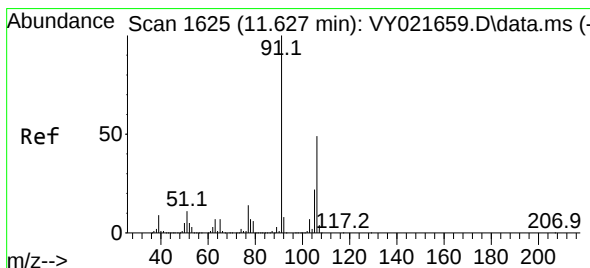
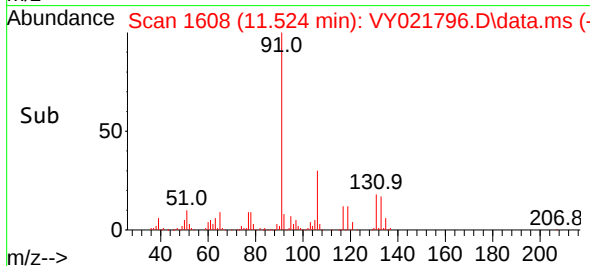
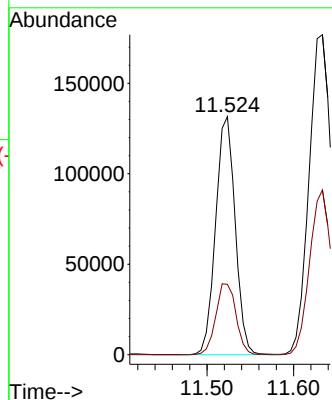
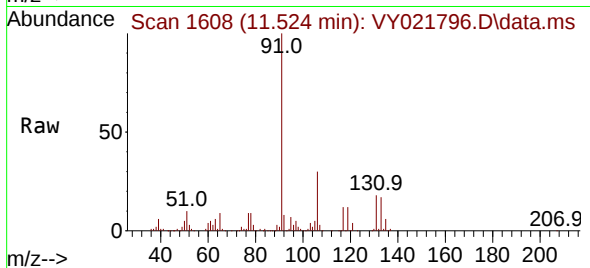
VY0407SBS01

Tgt Ion: 91 Resp: 206159

Ion Ratio Lower Upper

91 100

106 29.6 24.6 36.8



#68

m/p-Xylenes

Concen: 37.528 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021796.D

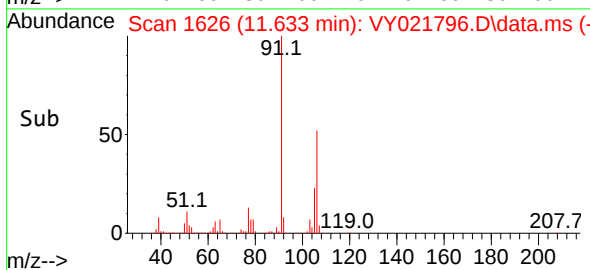
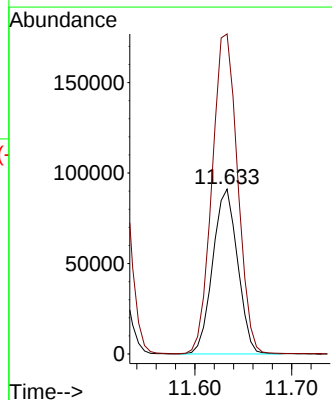
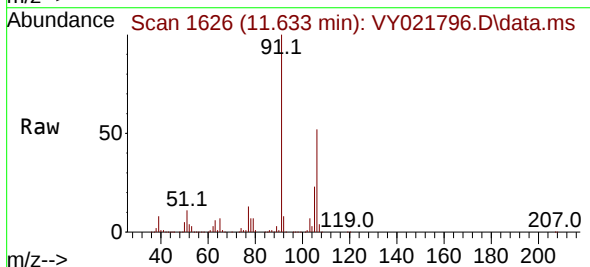
Acq: 07 Apr 2025 14:07

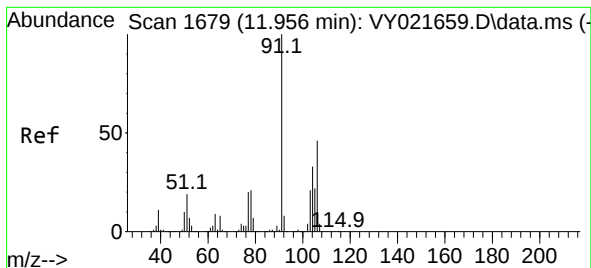
Tgt Ion:106 Resp: 162584

Ion Ratio Lower Upper

106 100

91 199.7 162.4 243.6





#69

o-Xylene

Concen: 18.495 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

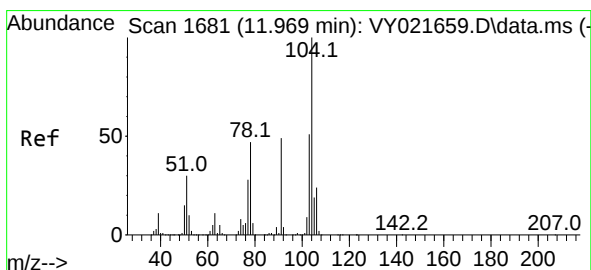
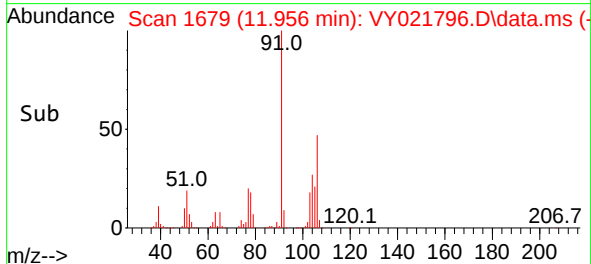
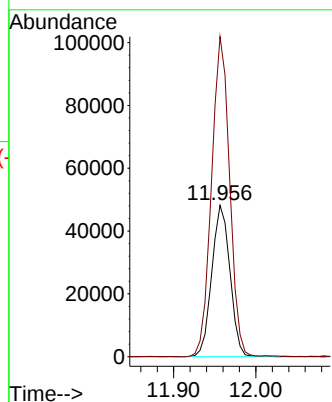
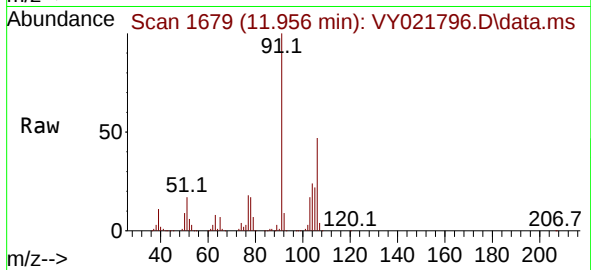
VY0407SBS01

Tgt Ion:106 Resp: 73961

Ion Ratio Lower Upper

106 100

91 210.5 106.7 319.9



#70

Styrene

Concen: 18.734 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

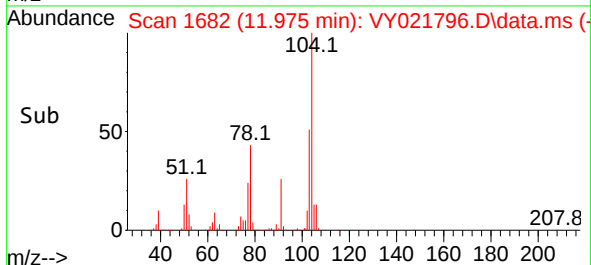
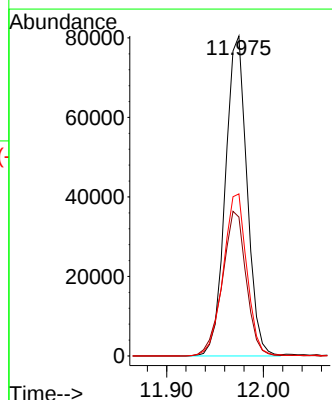
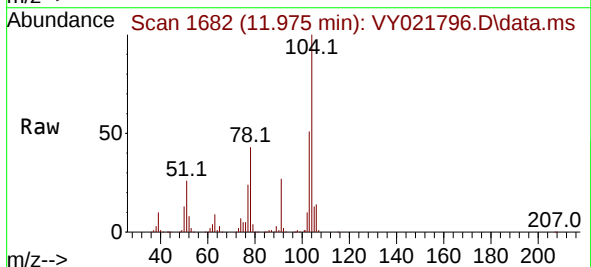
Tgt Ion:104 Resp: 124911

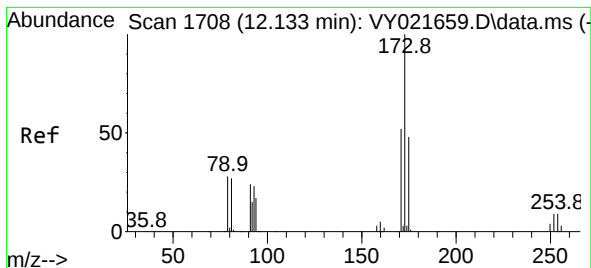
Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.482 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

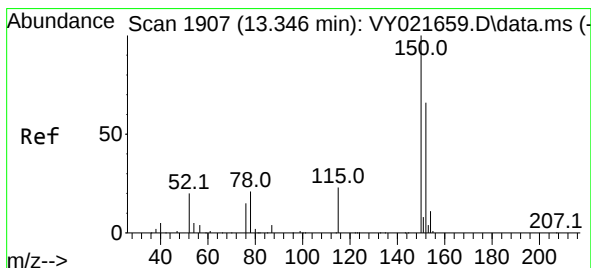
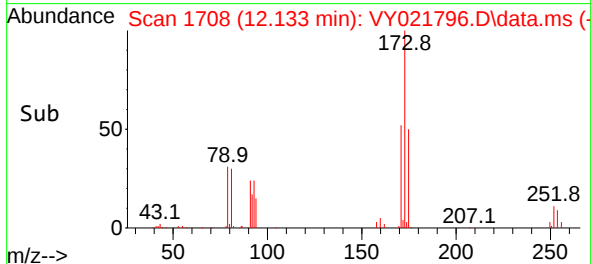
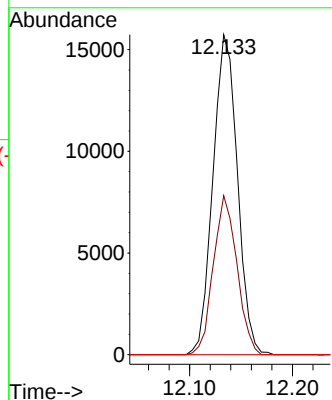
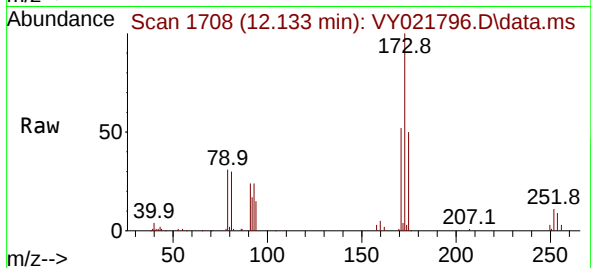
Tgt Ion:173 Resp: 26014

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

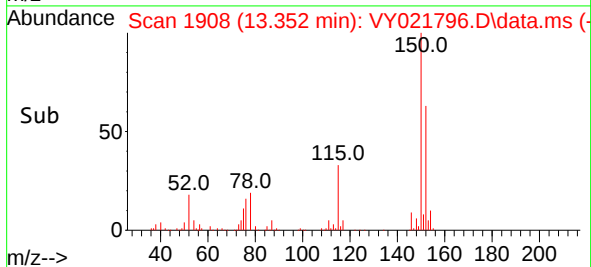
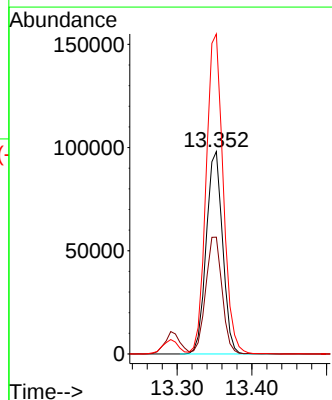
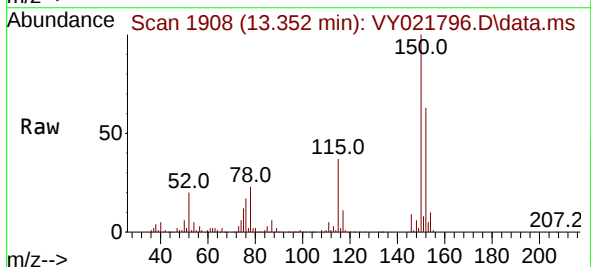
Tgt Ion:152 Resp: 149046

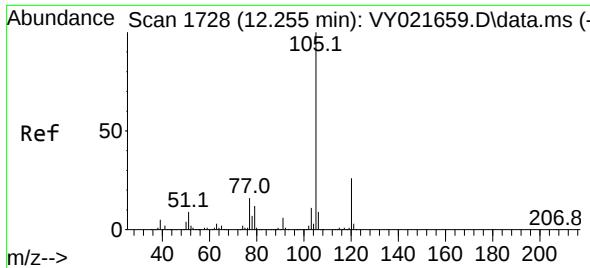
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 164.9 0.0 348.4

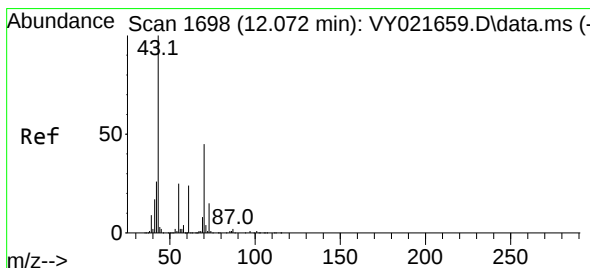
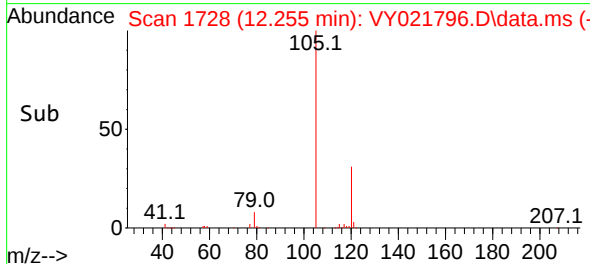
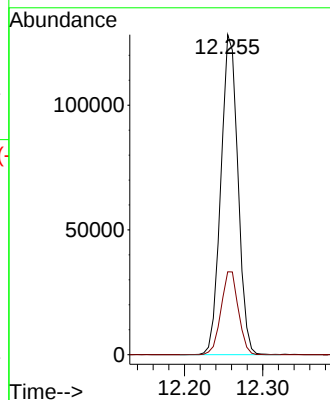
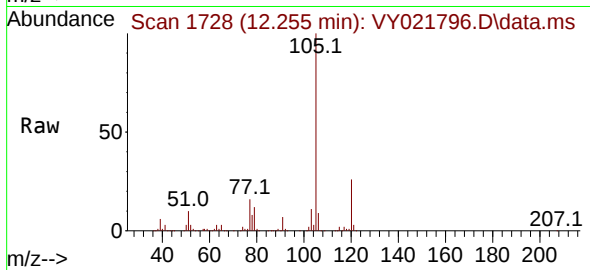




#73
Isopropylbenzene
Concen: 17.583 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

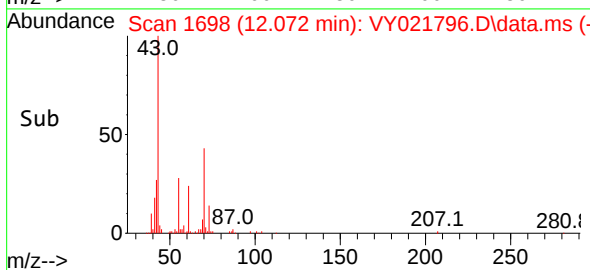
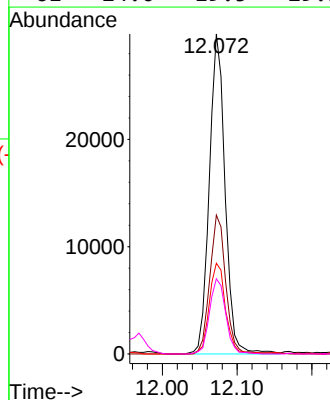
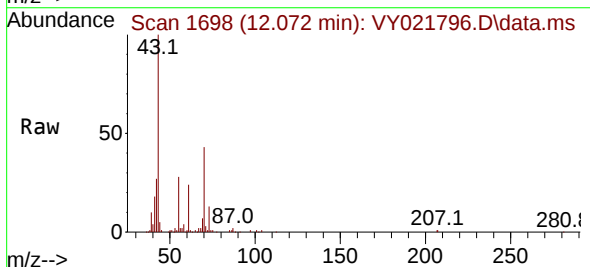
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

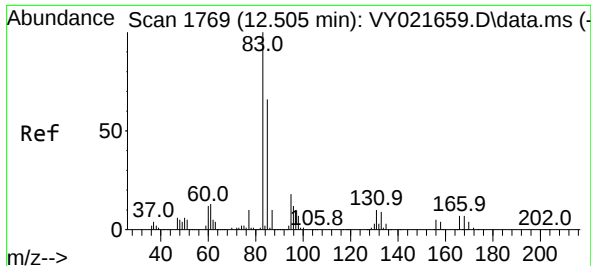
Tgt Ion:105 Resp: 194649
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 16.847 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 43 Resp: 43771
Ion Ratio Lower Upper
43 100
70 43.6 34.7 52.1
55 29.1 21.2 31.8
61 24.0 19.5 29.3

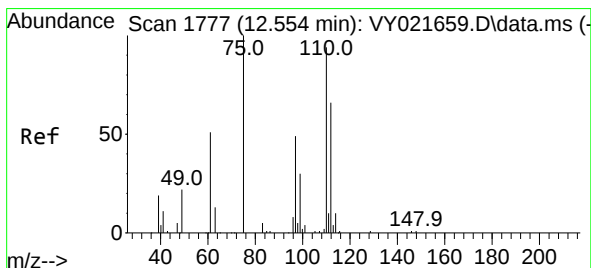
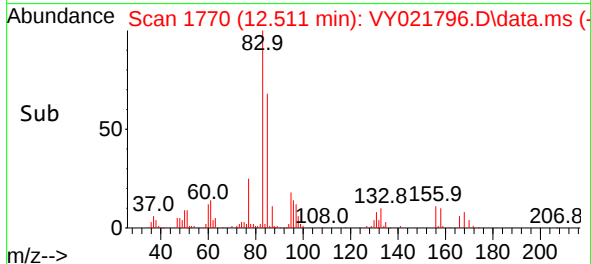
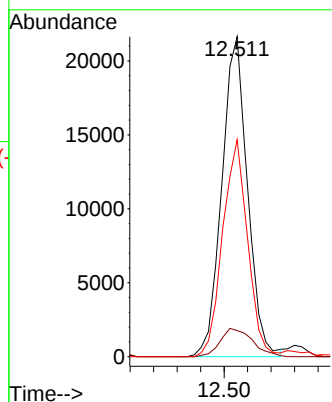
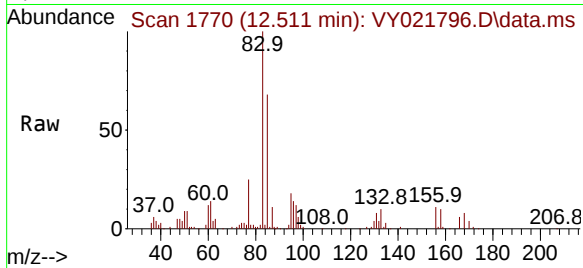




#75
1,1,2,2-Tetrachloroethane
Concen: 16.478 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

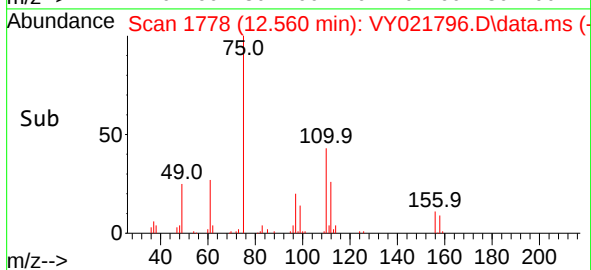
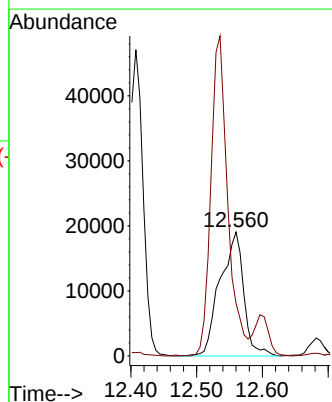
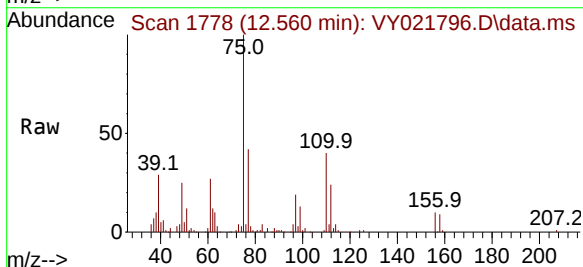
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

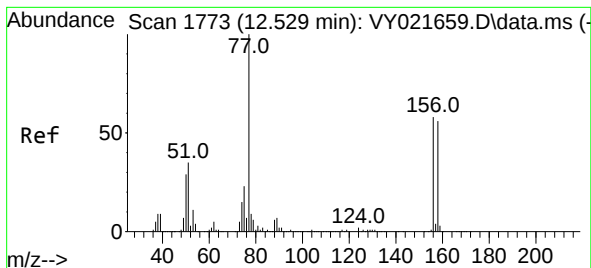
Tgt Ion: 83 Resp: 32796
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 66.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 32.338 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 75 Resp: 47777
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.356 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

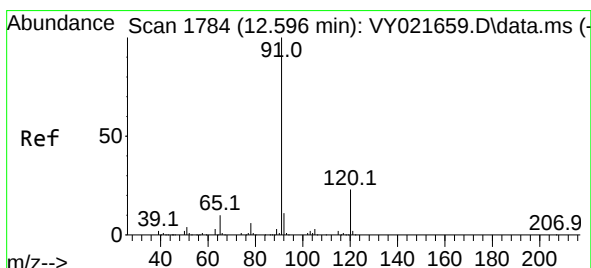
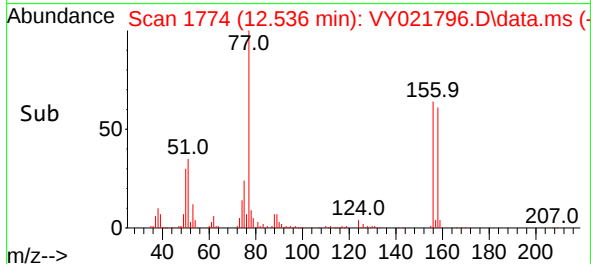
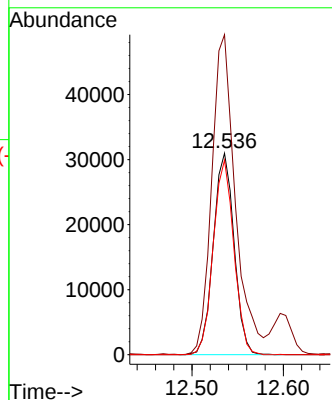
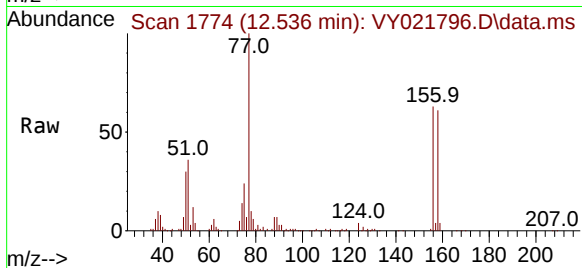
Tgt Ion:156 Resp: 48789

Ion Ratio Lower Upper

156 100

77 180.5 92.8 278.3

158 96.2 48.5 145.6



#78

n-propylbenzene

Concen: 17.983 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021796.D

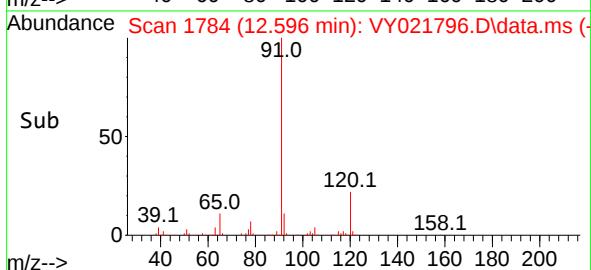
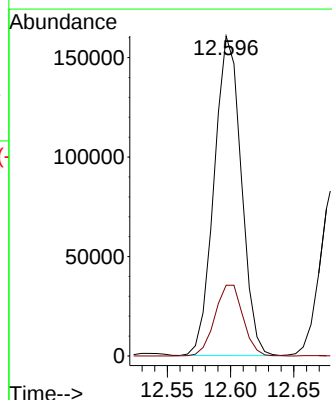
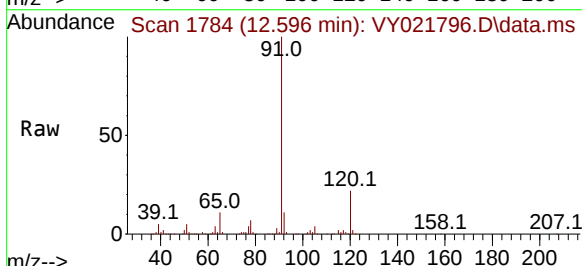
Acq: 07 Apr 2025 14:07

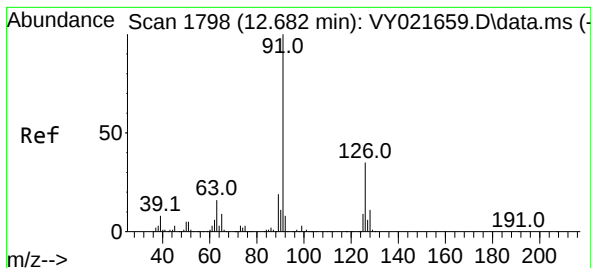
Tgt Ion: 91 Resp: 239336

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 18.046 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

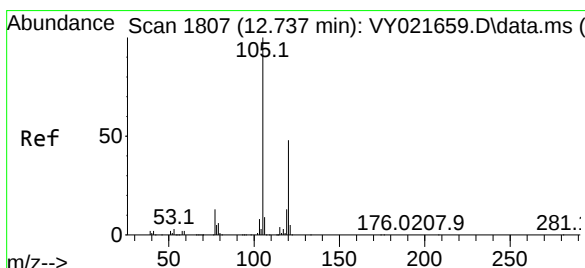
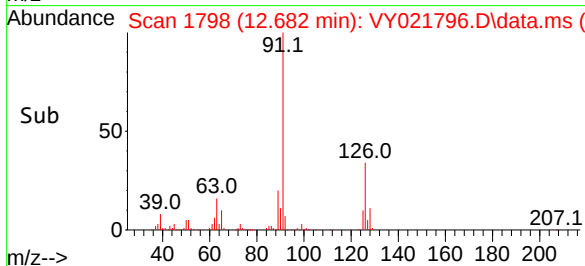
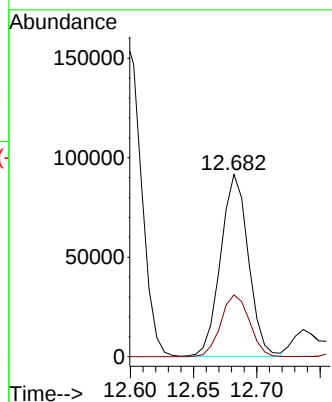
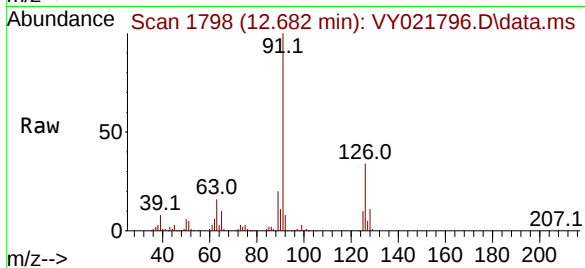
VY0407SBS01

Tgt Ion: 91 Resp: 139496

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 18.130 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021796.D

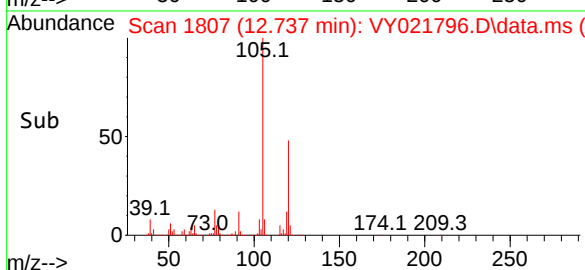
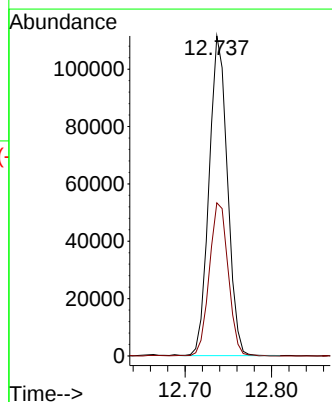
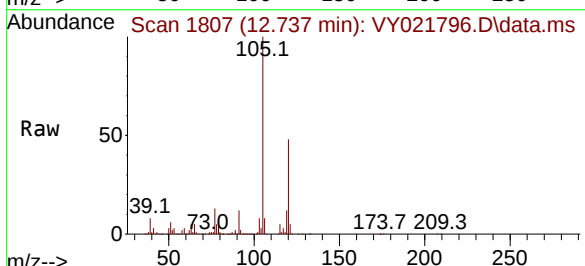
Acq: 07 Apr 2025 14:07

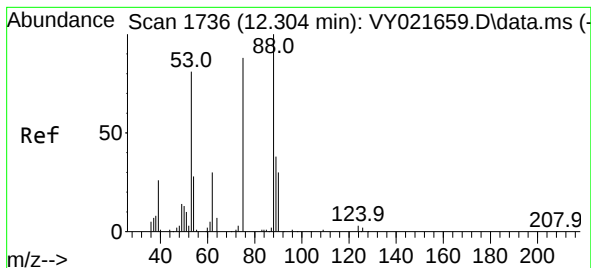
Tgt Ion: 105 Resp: 164031

Ion Ratio Lower Upper

105 100

120 49.3 24.5 73.5

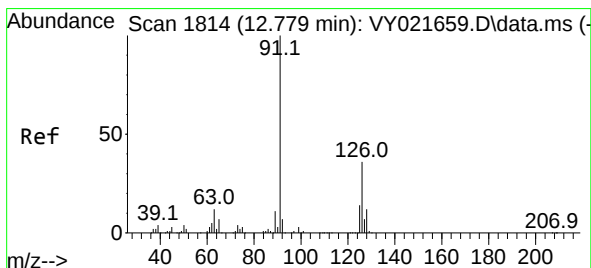
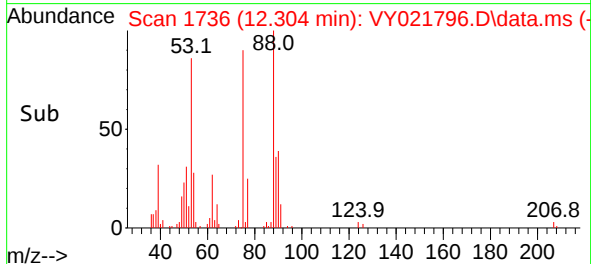
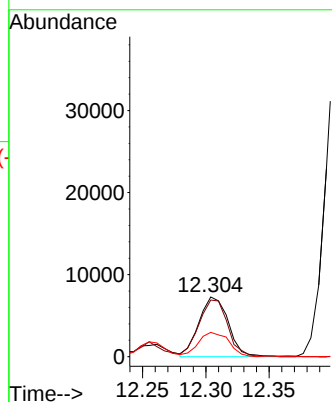
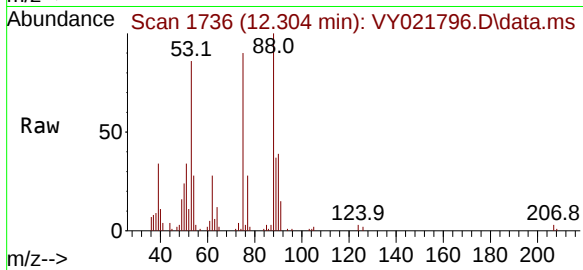




#81
trans-1,4-Dichloro-2-butene
Concen: 18.313 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

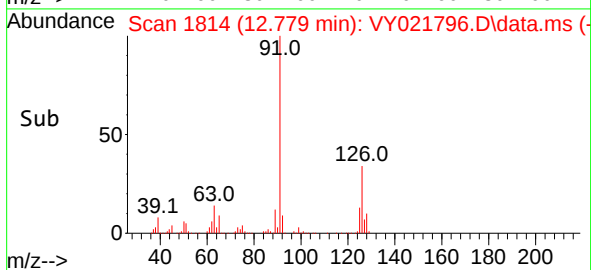
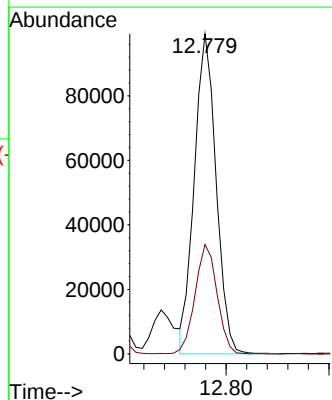
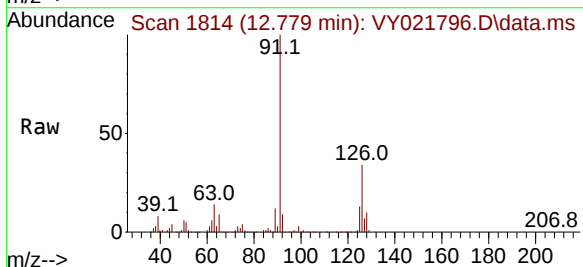
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

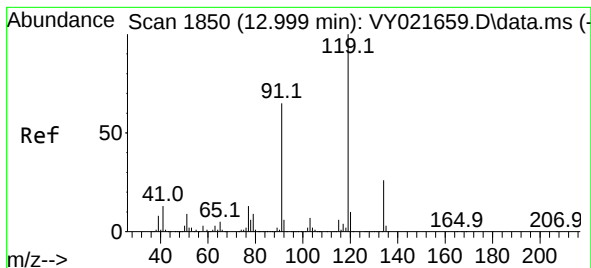
Tgt Ion: 75 Resp: 11742
Ion Ratio Lower Upper
75 100
53 91.7 76.1 114.1
89 42.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 18.098 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 91 Resp: 145850
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9

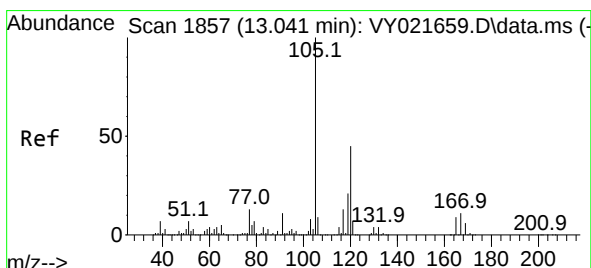
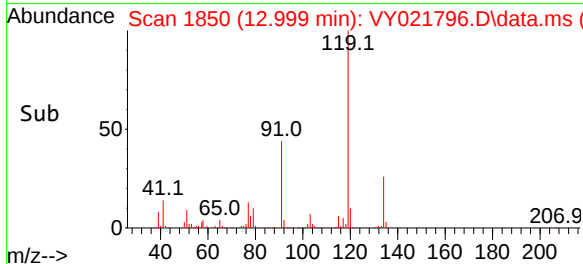
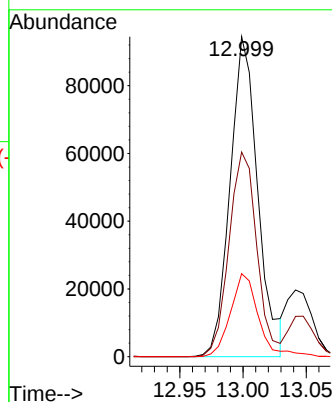
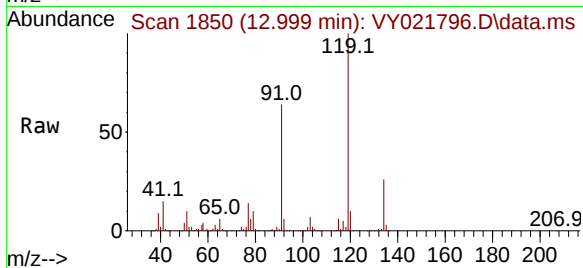




#83
tert-Butylbenzene
Concen: 17.867 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

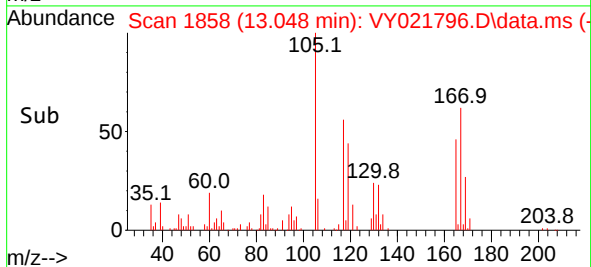
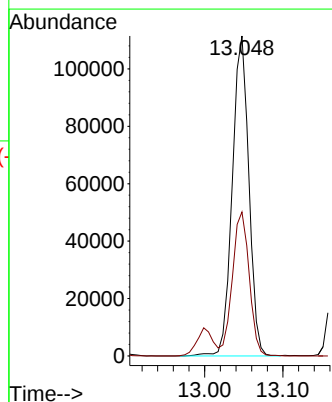
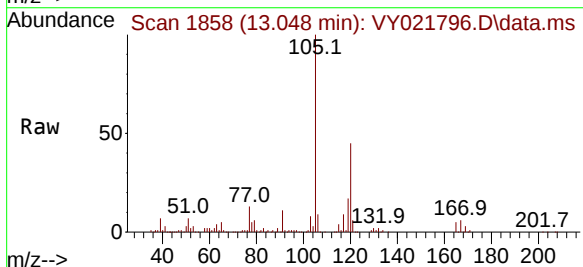
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

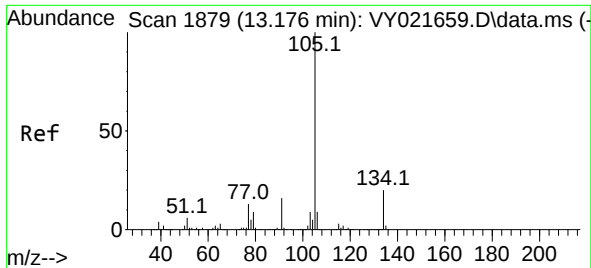
Tgt Ion:119 Resp: 143987
Ion Ratio Lower Upper
119 100
91 64.4 32.6 97.7
134 26.2 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.300 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion:105 Resp: 163642
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1

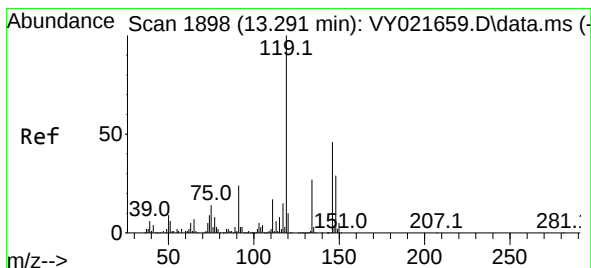
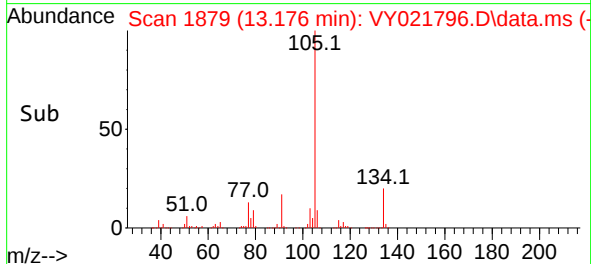
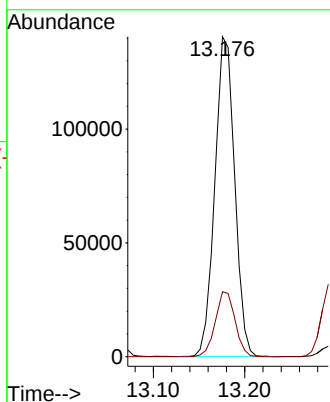
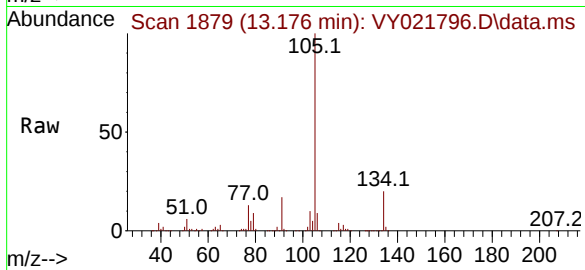




#85
 sec-Butylbenzene
 Concen: 18.031 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

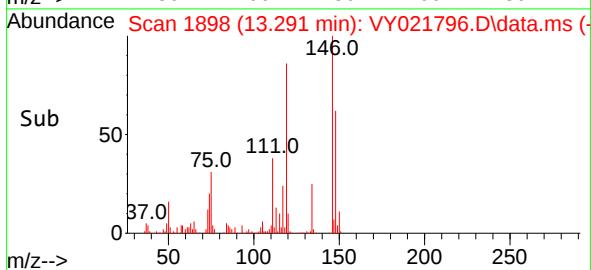
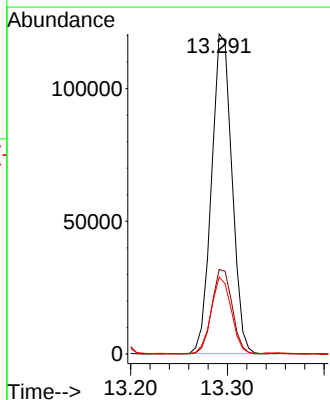
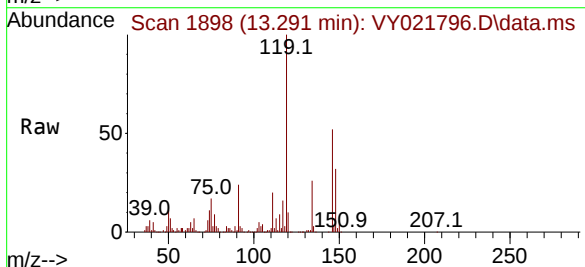
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

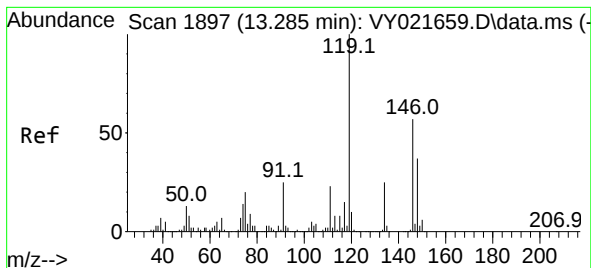
Tgt Ion:105 Resp: 212353
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.171 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021796.D
 Acq: 07 Apr 2025 14:07

Tgt Ion:119 Resp: 176872
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.467 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

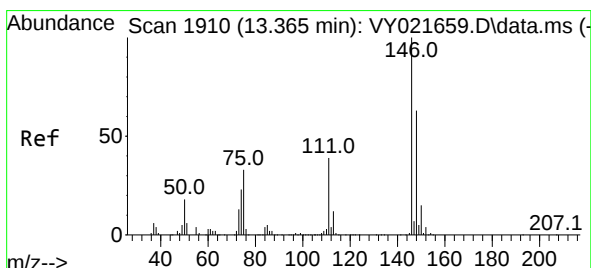
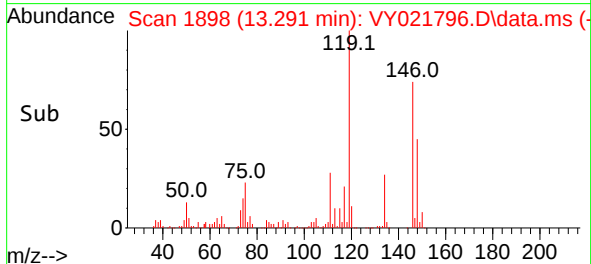
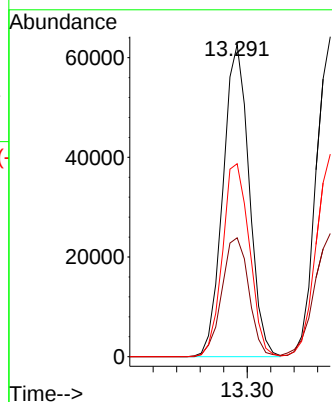
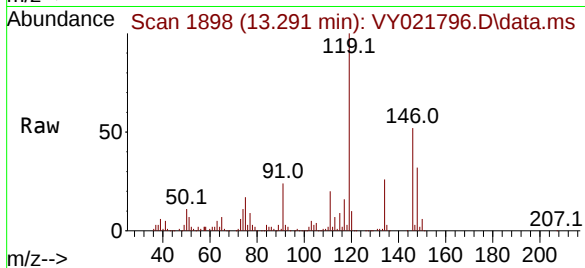
Tgt Ion:146 Resp: 96706

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.826 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

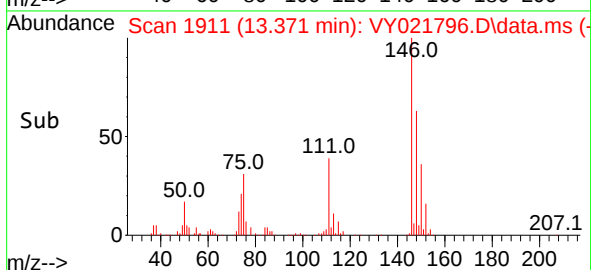
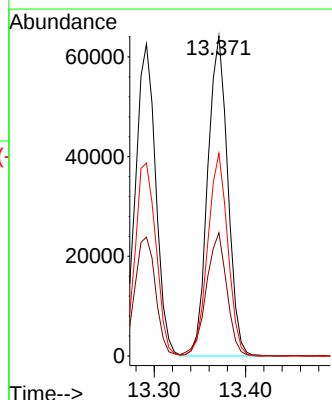
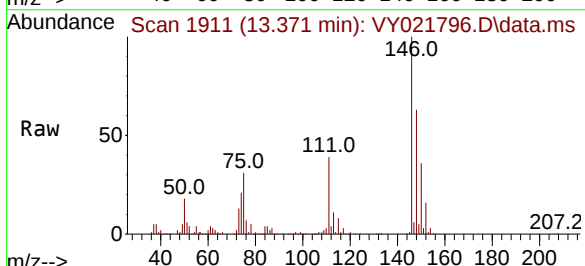
Tgt Ion:146 Resp: 97404

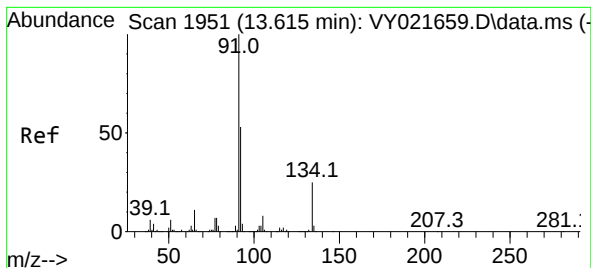
Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 17.835 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

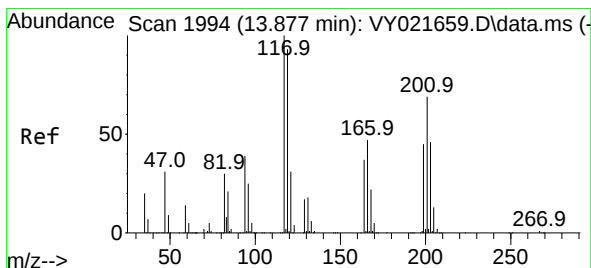
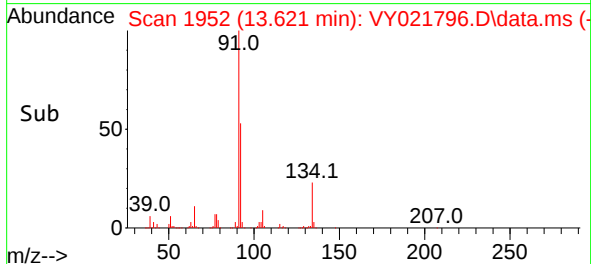
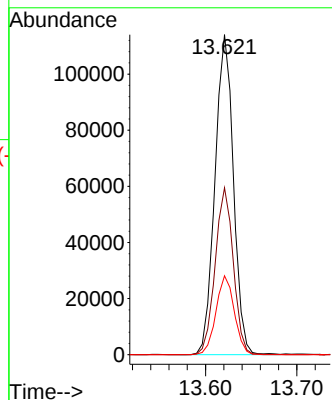
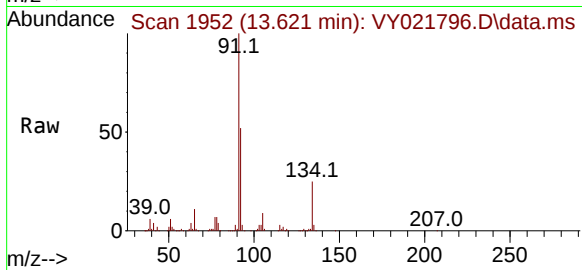
Tgt Ion: 91 Resp: 160545

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 24.5 12.8 38.4



#90

Hexachloroethane

Concen: 18.191 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021796.D

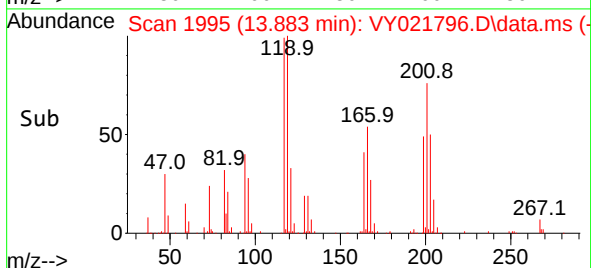
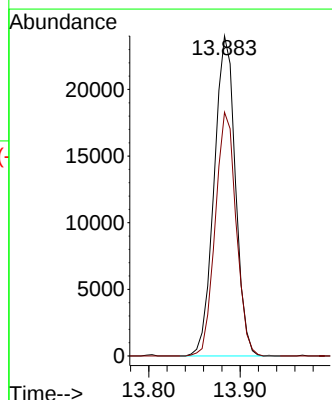
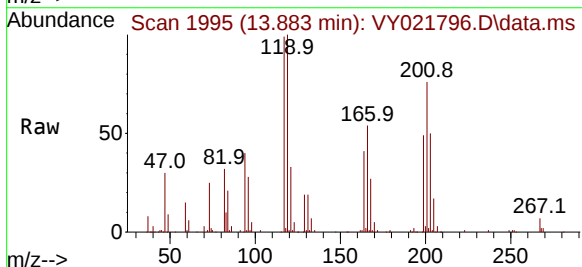
Acq: 07 Apr 2025 14:07

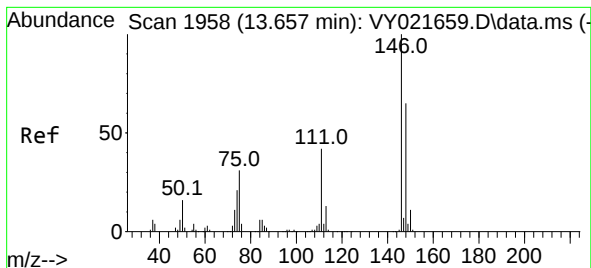
Tgt Ion: 117 Resp: 38801

Ion Ratio Lower Upper

117 100

201 74.9 37.4 112.1

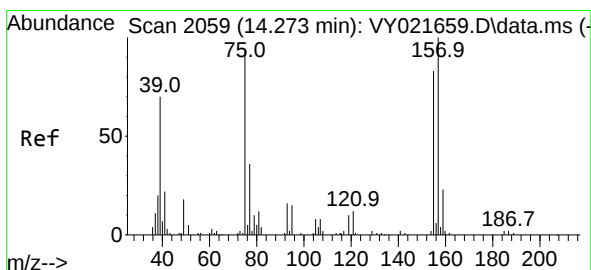
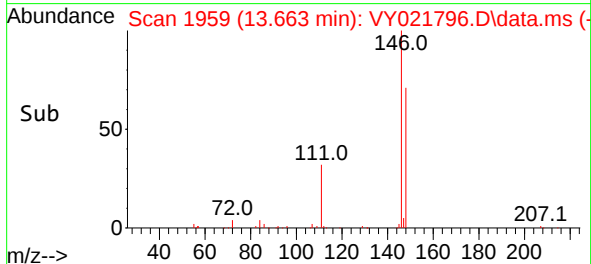
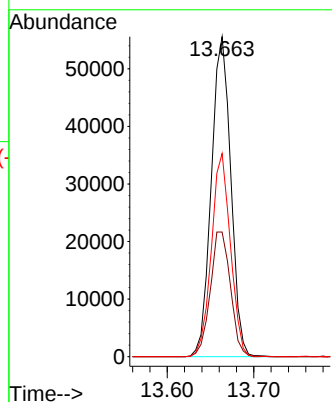
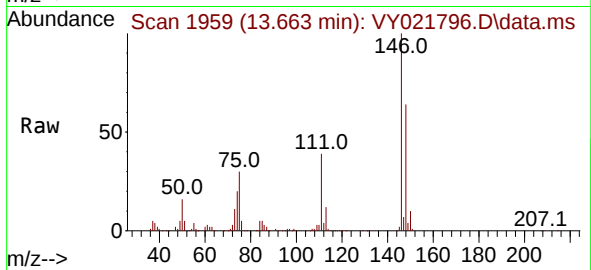




#91
1,2-Dichlorobenzene
Concen: 19.029 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

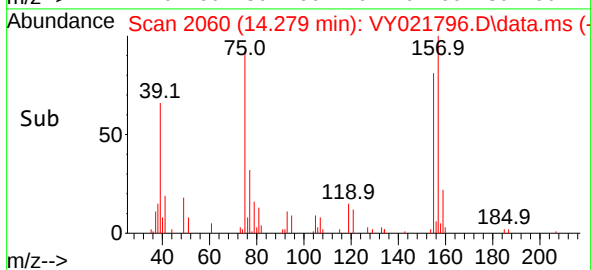
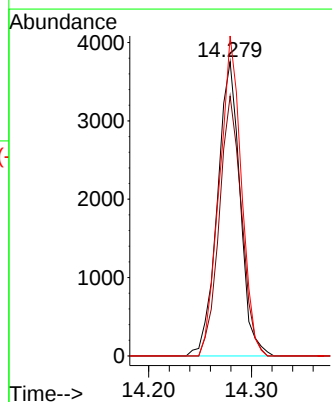
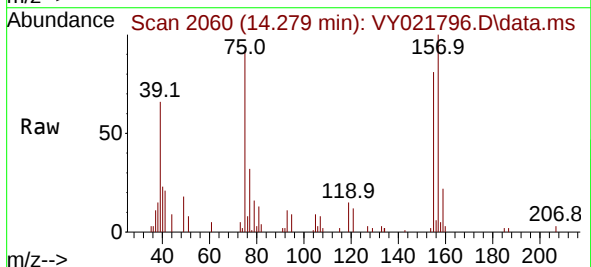
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

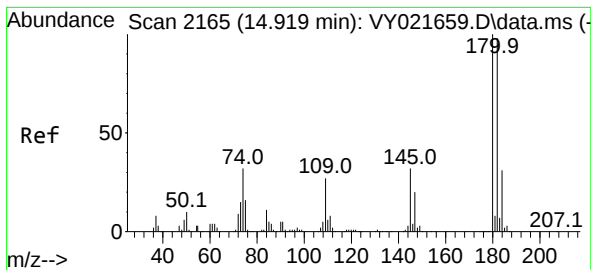
Tgt Ion:146 Resp: 86743
Ion Ratio Lower Upper
146 100
111 40.3 20.7 62.1
148 62.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.688 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021796.D
Acq: 07 Apr 2025 14:07

Tgt Ion: 75 Resp: 5765
Ion Ratio Lower Upper
75 100
155 86.3 43.0 128.8
157 104.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.097 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

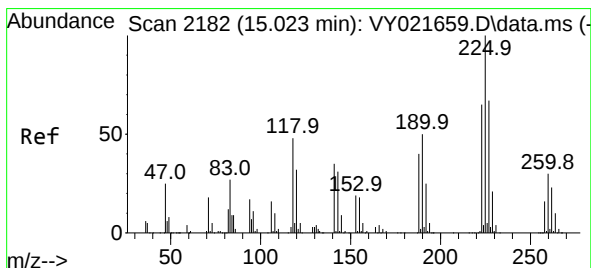
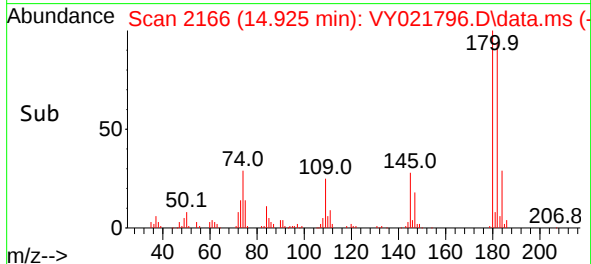
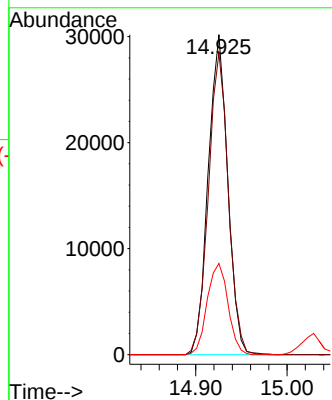
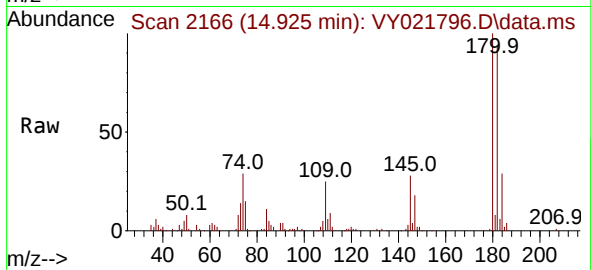
Tgt Ion:180 Resp: 44738

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 30.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 18.790 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

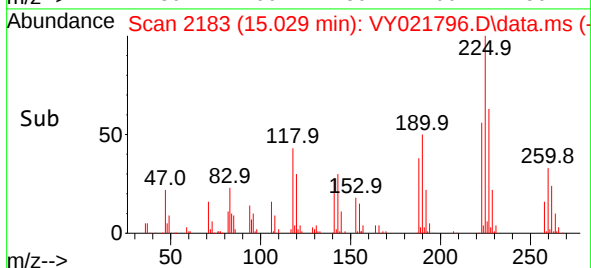
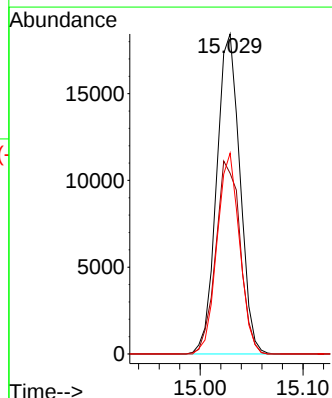
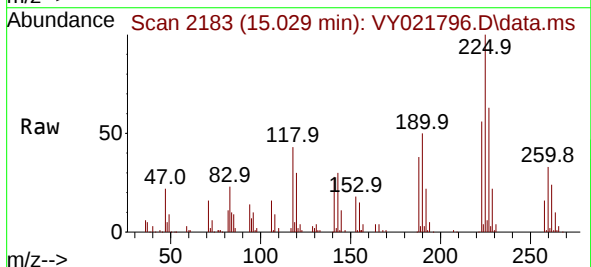
Tgt Ion:225 Resp: 29010

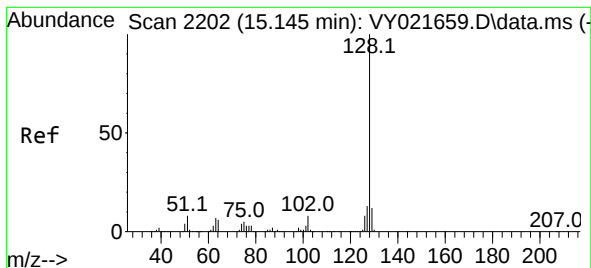
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.7

227 60.6 32.4 97.0





#95

Naphthalene

Concen: 17.212 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

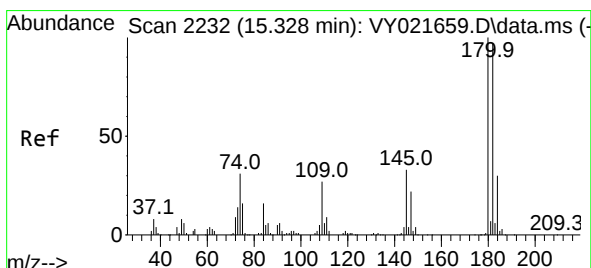
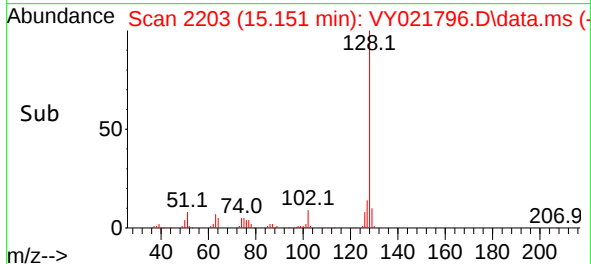
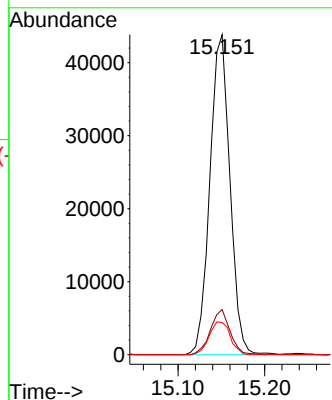
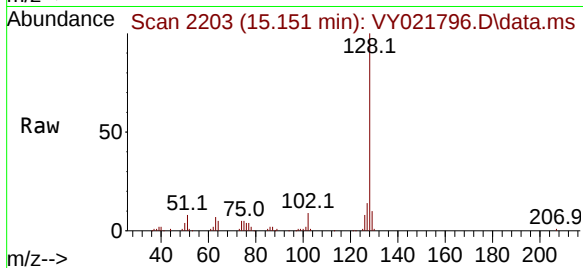
Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

Tgt Ion:128	Resp:	70526
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.8 16.2
129	10.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.085 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021796.D

Acq: 07 Apr 2025 14:07

Tgt Ion:180	Resp:	38125
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.5 142.5
145	32.9	15.9 47.7

