

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021852.D
 Acq On : 11 Apr 2025 12:06
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Quant Time: Apr 12 02:46:09 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	261639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	412441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	367570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148170	52.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.540%	
35) Dibromofluoromethane	7.634	113	142257	53.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.109	98	547864	53.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.408	95	190322	55.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47931	17.675	ug/l	100
3) Chloromethane	2.068	50	66874	17.537	ug/l	96
4) Vinyl Chloride	2.202	62	73984	17.156	ug/l	100
5) Bromomethane	2.592	94	55650	18.921	ug/l	92
6) Chloroethane	2.733	64	50881	18.031	ug/l	97
7) Trichlorofluoromethane	3.056	101	102701	18.591	ug/l	99
8) Diethyl Ether	3.458	74	29060	19.344	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	56995	19.562	ug/l	99
10) Methyl Iodide	4.007	142	65715	20.559	ug/l	99
11) Tert butyl alcohol	4.866	59	17296	93.935	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	52342	19.073	ug/l	97
13) Acrolein	3.653	56	17310	51.486	ug/l	98
14) Allyl chloride	4.385	41	81064	18.526	ug/l	98
15) Acrylonitrile	5.061	53	60829	96.976	ug/l	100
16) Acetone	3.879	43	58163	100.252	ug/l	97
17) Carbon Disulfide	4.104	76	157086	17.379	ug/l	99
18) Methyl Acetate	4.391	43	29819	20.738	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	135524	19.835	ug/l	98
20) Methylene Chloride	4.610	84	63577	20.080	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	57161	18.917	ug/l	95
22) Diisopropyl ether	6.019	45	177421	19.329	ug/l	99
23) Vinyl Acetate	5.964	43	503378	93.744	ug/l	97
24) 1,1-Dichloroethane	5.915	63	107900	19.659	ug/l	99
25) 2-Butanone	6.896	43	78937	95.259	ug/l	100
26) 2,2-Dichloropropane	6.890	77	95824	19.627	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	67782	19.948	ug/l	97
28) Bromochloromethane	7.244	49	45578	19.691	ug/l	95
29) Tetrahydrofuran	7.262	42	49850	93.472	ug/l	97
30) Chloroform	7.421	83	112631	19.730	ug/l	96
31) Cyclohexane	7.701	56	89585	17.905	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	100880	19.552	ug/l	99
36) 1,1-Dichloropropene	7.835	75	77267	18.961	ug/l	98
37) Ethyl Acetate	6.988	43	36325	18.888	ug/l	100
38) Carbon Tetrachloride	7.817	117	91970	19.705	ug/l	99
39) Methylcyclohexane	9.109	83	91679	18.832	ug/l	98
40) Benzene	8.079	78	240011	19.667	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16824	16.472	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	68214	19.827	ug/l	99
43) Isopropyl Acetate	8.201	43	69884	19.174	ug/l #	85
44) Trichloroethene	8.866	130	61686	19.838	ug/l	94
45) 1,2-Dichloropropane	9.140	63	56361	19.511	ug/l	98
46) Dibromomethane	9.231	93	31831	19.119	ug/l	97
47) Bromodichloromethane	9.426	83	86291	20.003	ug/l	97
48) Methyl methacrylate	9.219	41	31606	18.895	ug/l	98
49) 1,4-Dioxane	9.237	88	7141	400.396	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	184332	97.188	ug/l	100
52) Toluene	10.170	92	152947	20.087	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	74193	19.363	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	89915	19.891	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	43135	20.133	ug/l	96
56) Ethyl methacrylate	10.438	69	53948	19.720	ug/l	97
57) 1,3-Dichloropropane	10.719	76	75191	20.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	136203	102.058	ug/l	98
59) 2-Hexanone	10.762	43	122817	97.231	ug/l	100
60) Dibromochloromethane	10.914	129	59311	20.276	ug/l	99
61) 1,2-Dibromoethane	11.018	107	41010	20.405	ug/l	99
64) Tetrachloroethene	10.646	164	73872	22.066	ug/l	98
65) Chlorobenzene	11.444	112	166748	19.790	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	59523	19.911	ug/l	98
67) Ethyl Benzene	11.518	91	281537	19.485	ug/l	100
68) m/p-Xylenes	11.627	106	218365	39.468	ug/l	99
69) o-Xylene	11.957	106	102058	19.983	ug/l	99
70) Styrene	11.969	104	168475	19.785	ug/l	99
71) Bromoform	12.133	173	34728	20.365	ug/l #	99
73) Isopropylbenzene	12.255	105	267864	18.950	ug/l	99
74) N-amyl acetate	12.072	43	60183	18.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	45580	17.935	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	63823	33.832	ug/l #	100
77) Bromobenzene	12.536	156	65230	19.220	ug/l	99
78) n-propylbenzene	12.597	91	326537	19.215	ug/l	100
79) 2-Chlorotoluene	12.682	91	186879	18.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	224041	19.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14546	17.767	ug/l	99
82) 4-Chlorotoluene	12.780	91	195026	18.953	ug/l	98
83) tert-Butylbenzene	12.999	119	193537	18.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	225265	19.729	ug/l	99
85) sec-Butylbenzene	13.176	105	288462	19.183	ug/l	99
86) p-Isopropyltoluene	13.292	119	240050	19.314	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	129499	19.367	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	128644	19.473	ug/l	96
89) n-Butylbenzene	13.621	91	215648	18.762	ug/l	100
90) Hexachloroethane	13.883	117	51012	18.730	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	117128	20.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8235	20.907	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	66752	21.147	ug/l	99
94) Hexachlorobutadiene	15.023	225	41048	20.822	ug/l	99
95) Naphthalene	15.145	128	108783	20.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	57607	21.402	ug/l	99

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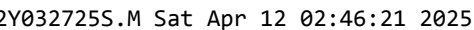
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

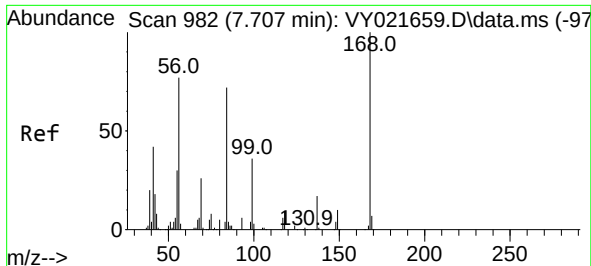
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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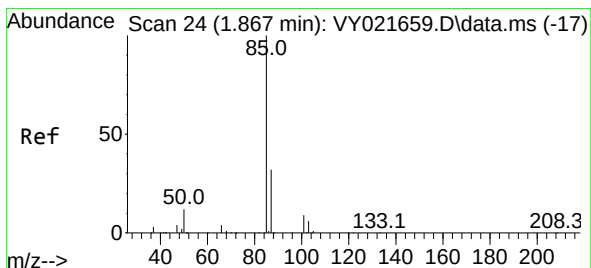
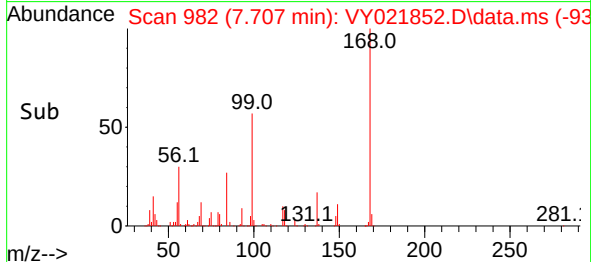
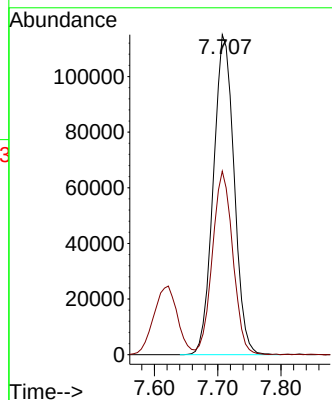
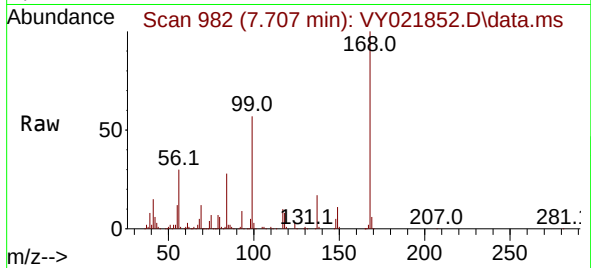




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021852.D
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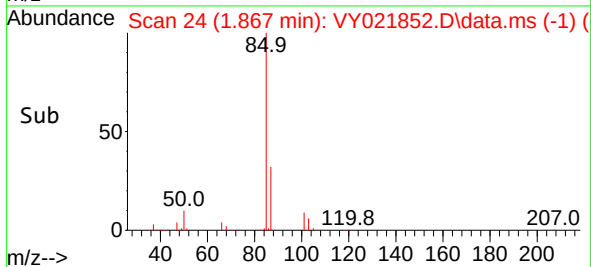
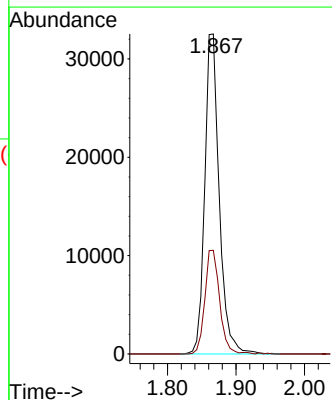
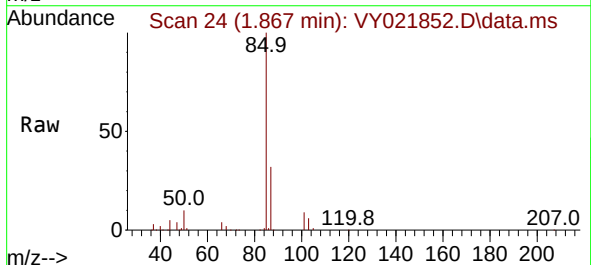
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

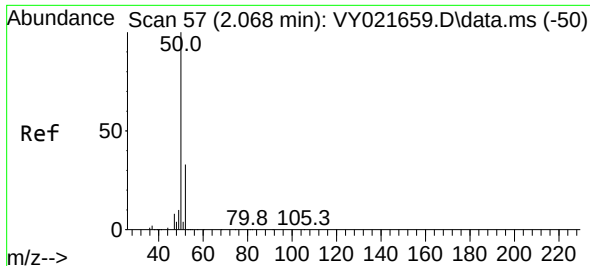
Tgt Ion:168 Resp: 261639
Ion Ratio Lower Upper
168 100
99 57.3 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.675 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 85 Resp: 47931
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

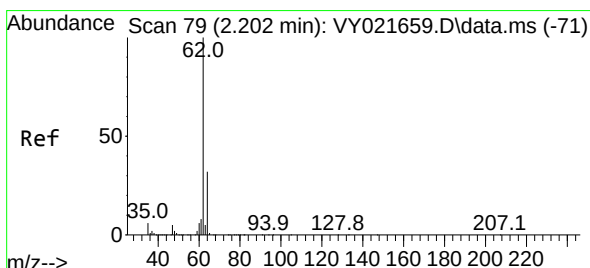
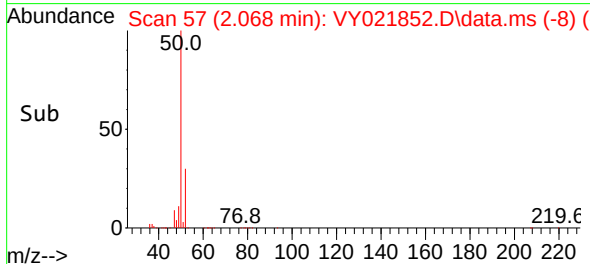
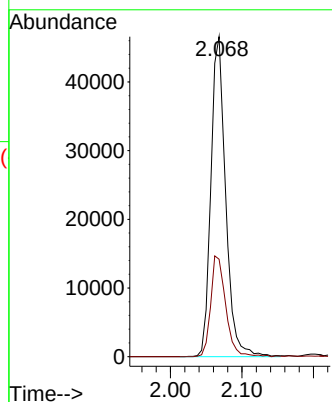
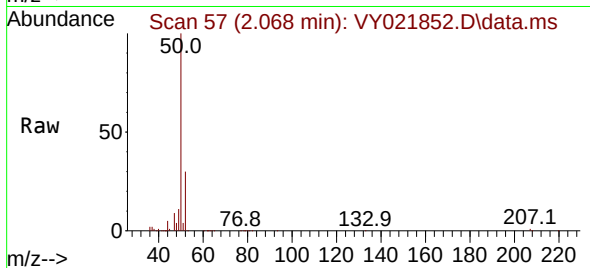




#3
Chloromethane
Concen: 17.537 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

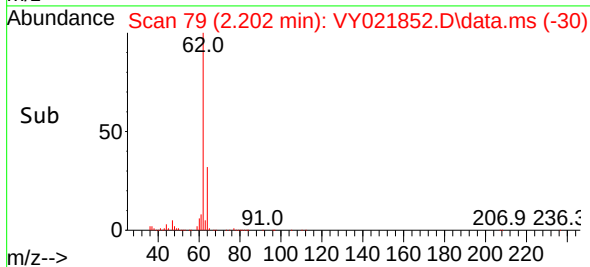
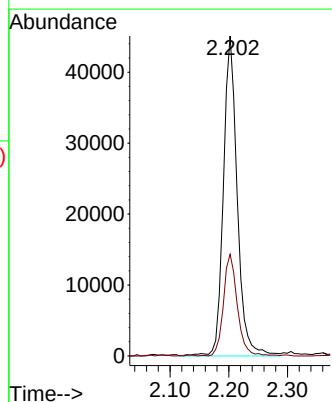
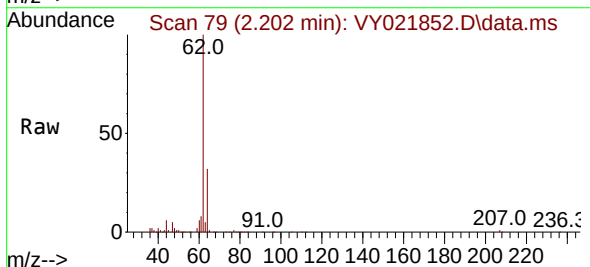
Instrument :
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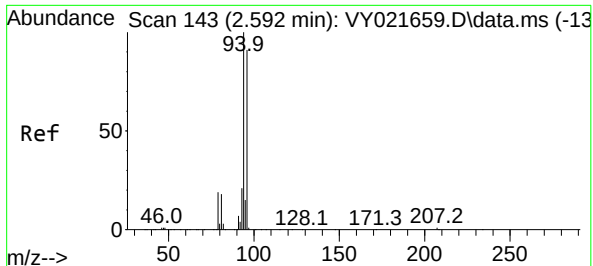
Tgt Ion: 50 Resp: 66874
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5



#4
Vinyl Chloride
Concen: 17.156 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 62 Resp: 73984
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

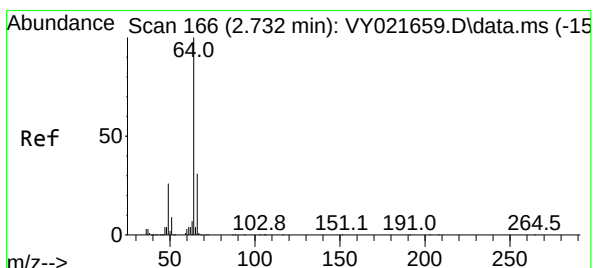
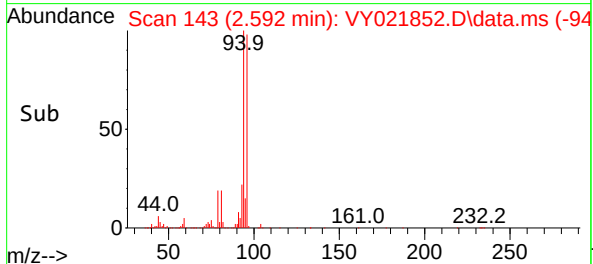
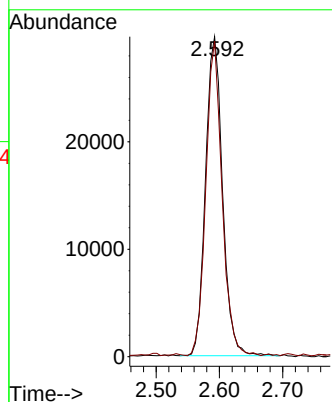
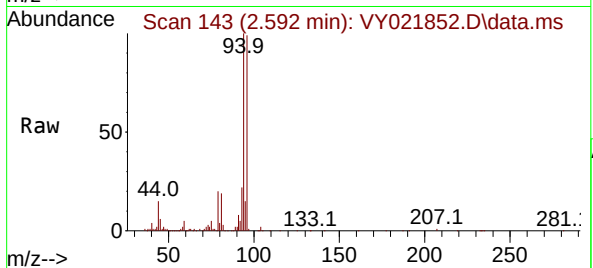




#5
Bromomethane
Concen: 18.921 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

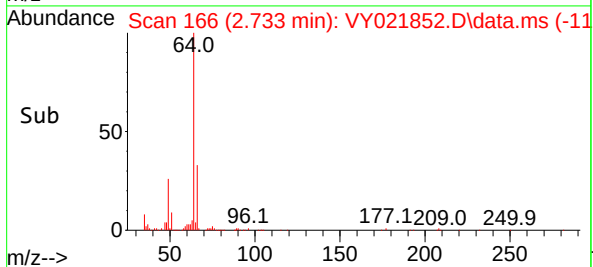
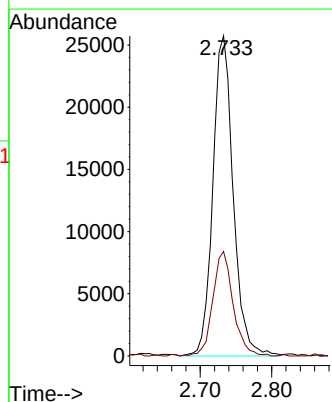
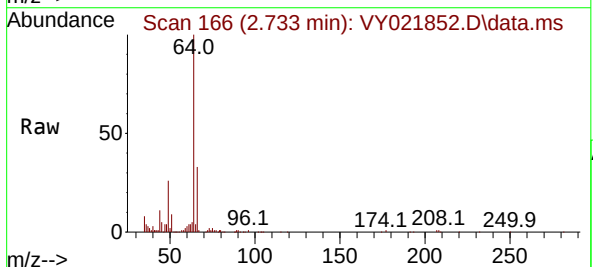
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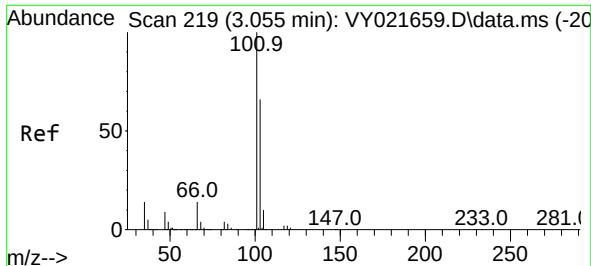
Tgt Ion: 94 Resp: 55650
Ion Ratio Lower Upper
94 100
96 98.5 72.8 109.2



#6
Chloroethane
Concen: 18.031 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 64 Resp: 50881
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3

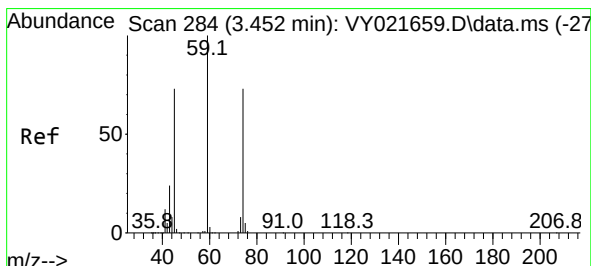
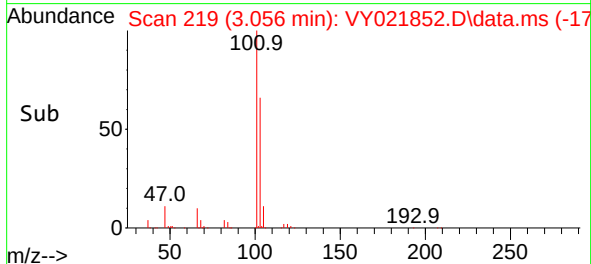
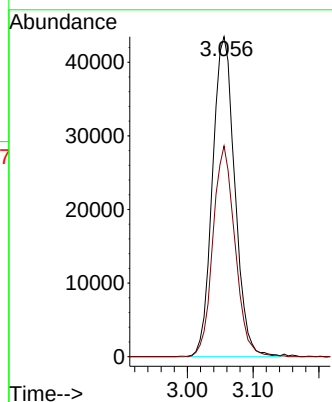
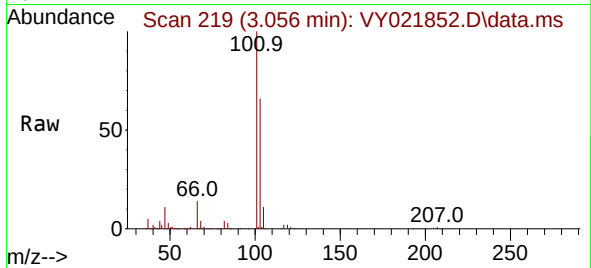




#7
 Trichlorofluoromethane
 Concen: 18.591 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

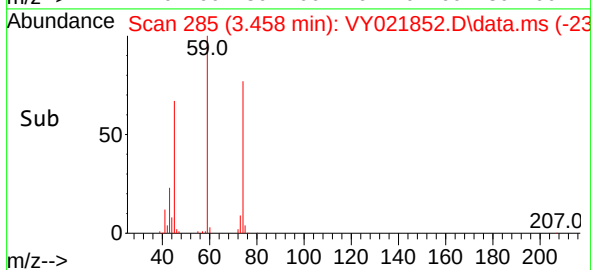
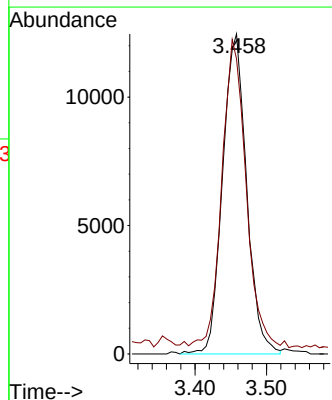
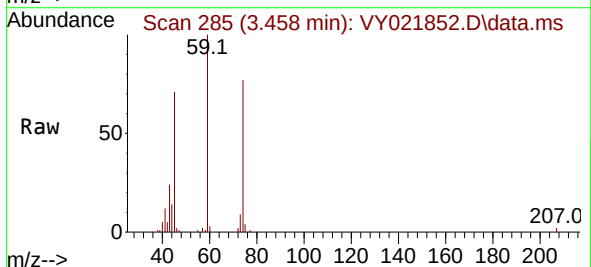
Instrument :
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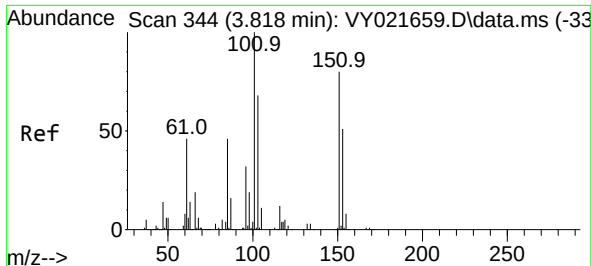
Tgt Ion:101 Resp: 102701
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.344 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021852.D
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Tgt Ion: 74 Resp: 29060
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.6 145.8

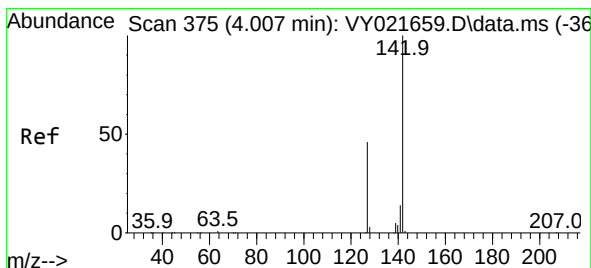
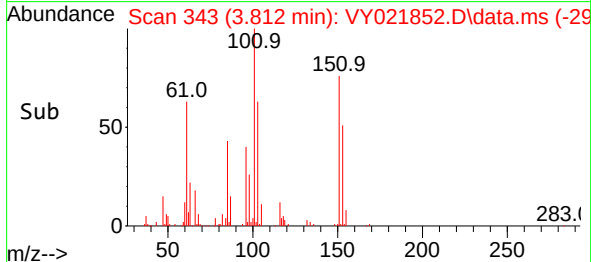
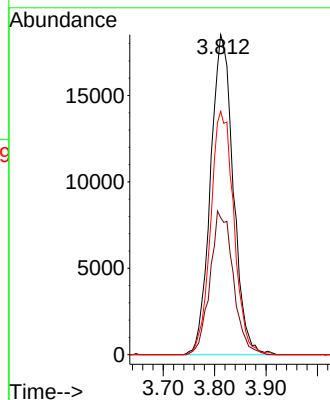
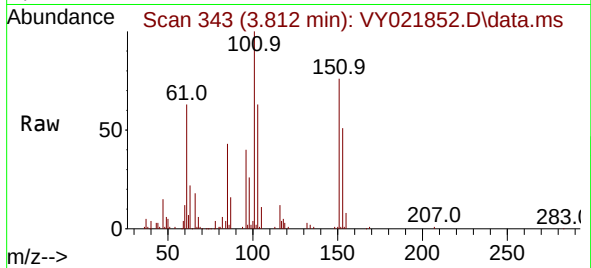




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.562 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

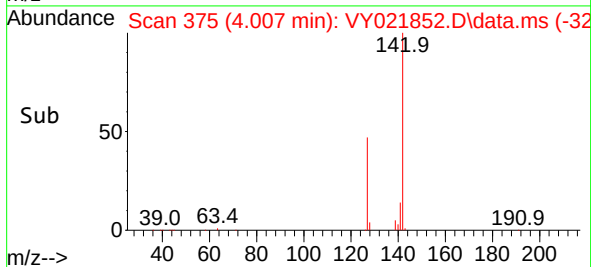
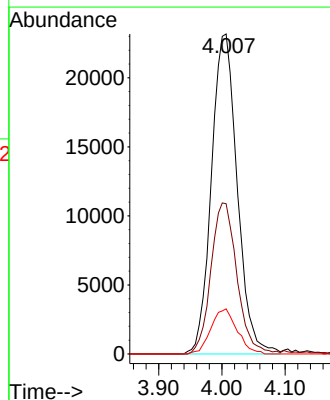
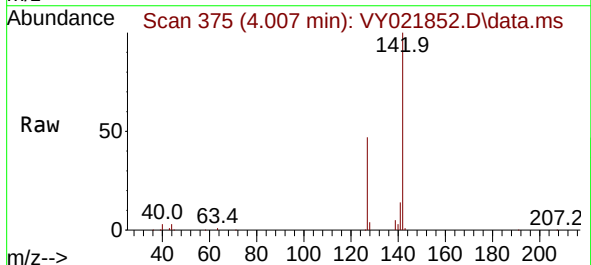
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

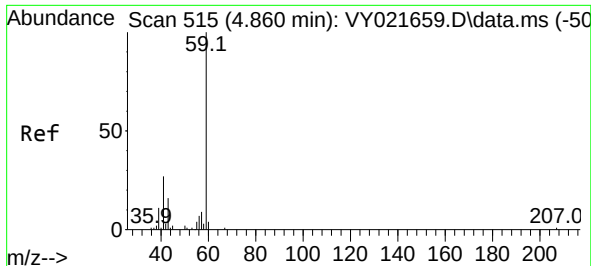
Tgt Ion:101 Resp: 56995
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 77.7 61.3 91.9



#10
Methyl Iodide
Concen: 20.559 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:142 Resp: 65715
Ion Ratio Lower Upper
142 100
127 47.5 38.7 58.1
141 14.3 11.5 17.3

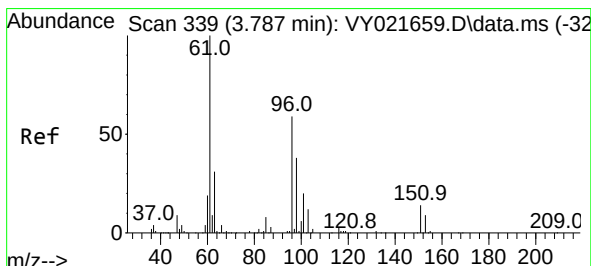
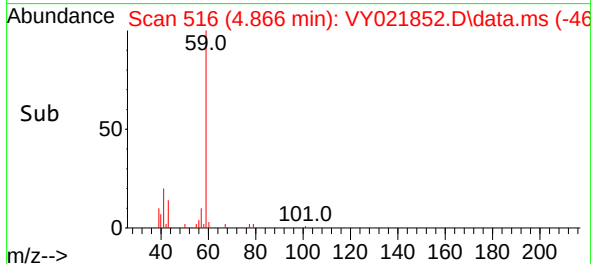
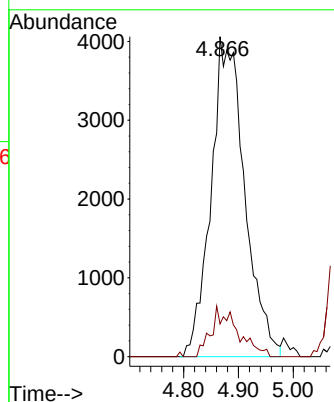
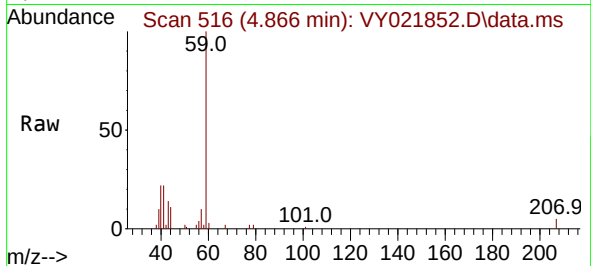




#11
Tert butyl alcohol
Concen: 93.935 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

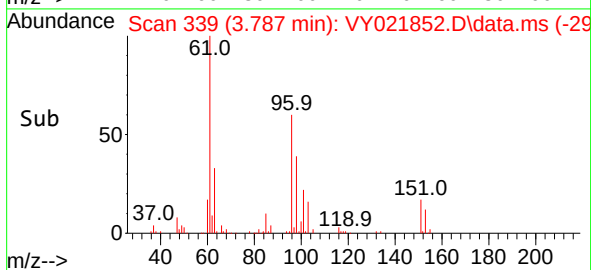
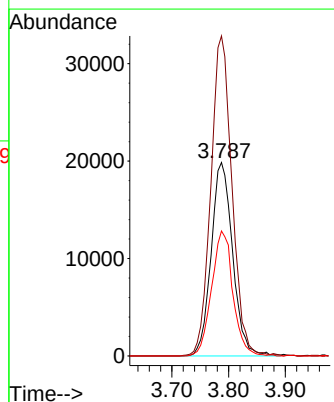
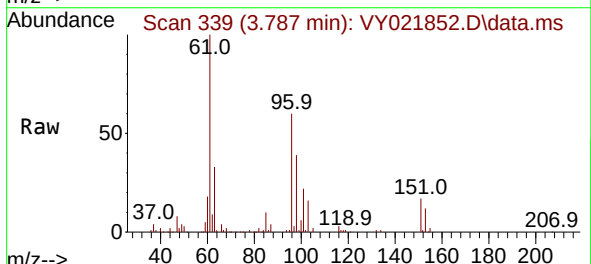
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

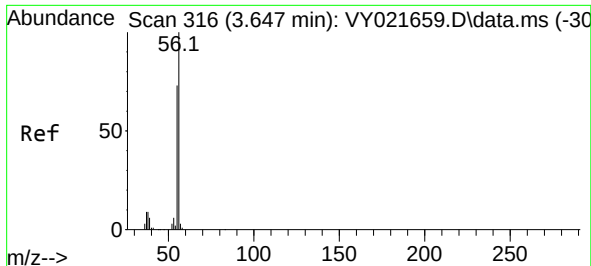
Tgt Ion: 59 Resp: 17296
Ion Ratio Lower Upper
59 100
57 6.7 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 19.073 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 96 Resp: 52342
Ion Ratio Lower Upper
96 100
61 165.4 136.6 204.8
98 64.6 52.3 78.5





#13

Acrolein

Concen: 51.486 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

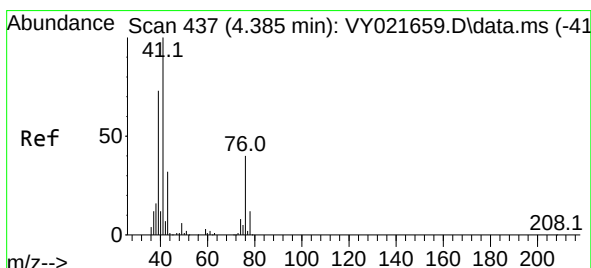
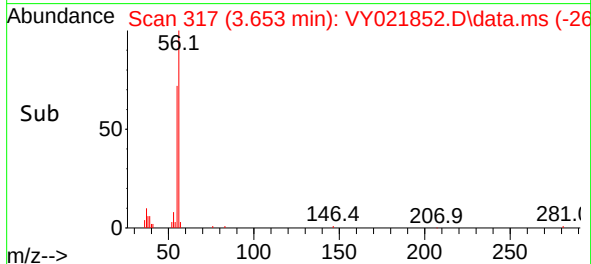
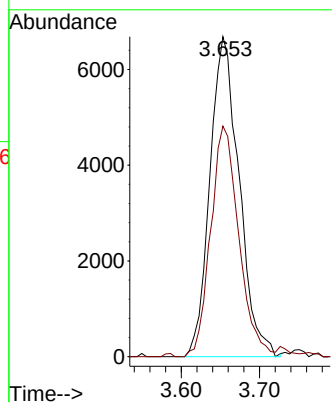
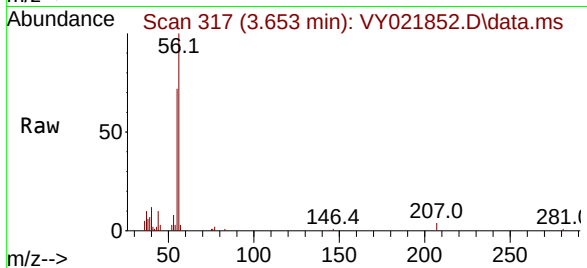
VY0411SBS01

Tgt Ion: 56 Resp: 17310

Ion Ratio Lower Upper

56 100

55 69.4 56.6 85.0



#14

Allyl chloride

Concen: 18.526 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

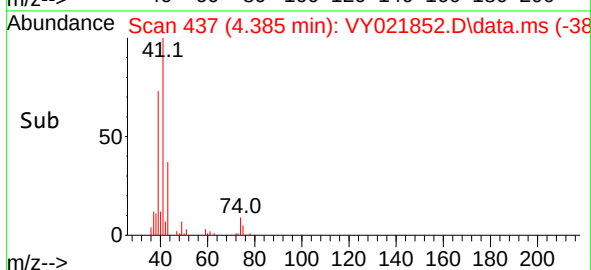
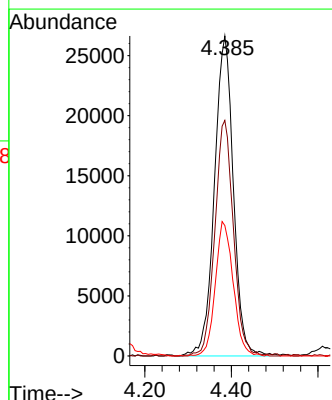
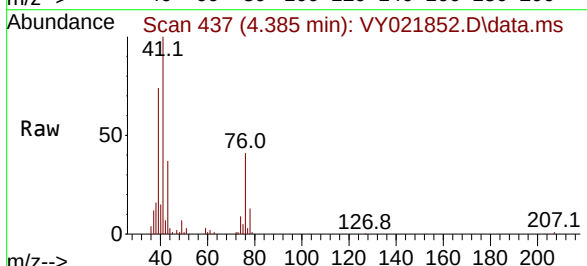
Tgt Ion: 41 Resp: 81064

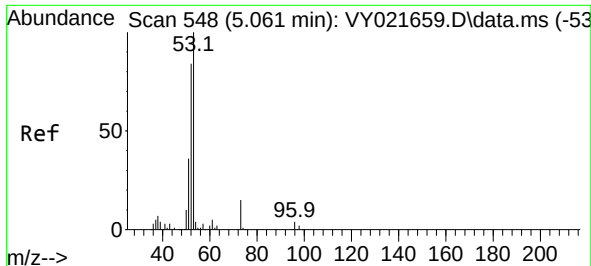
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

76 39.6 30.3 45.5

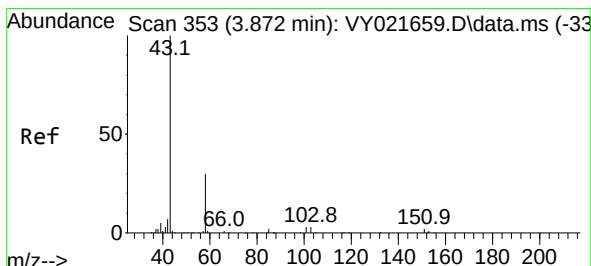
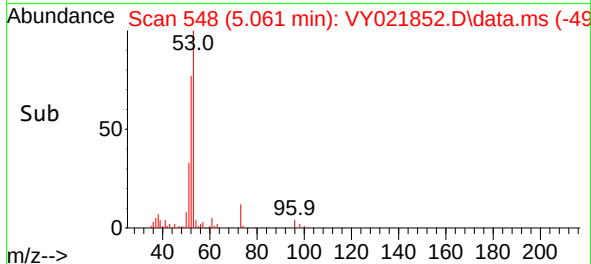
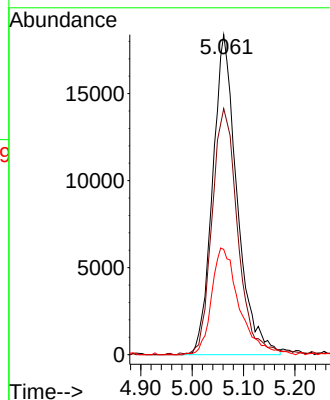
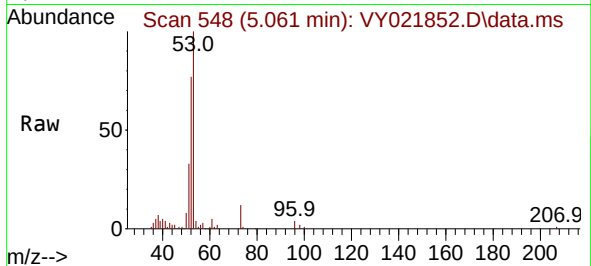




#15
Acrylonitrile
Concen: 96.976 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

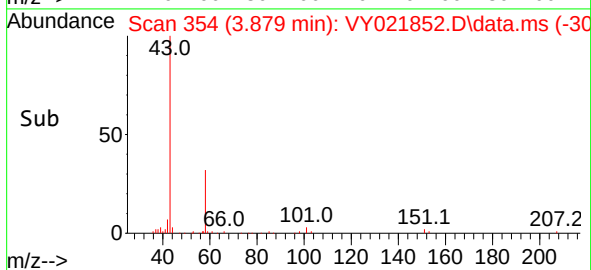
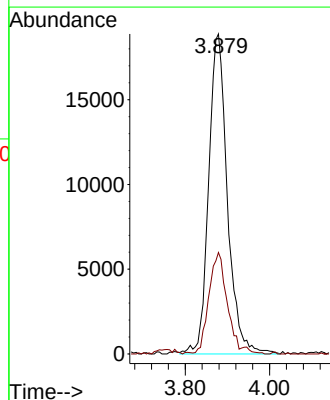
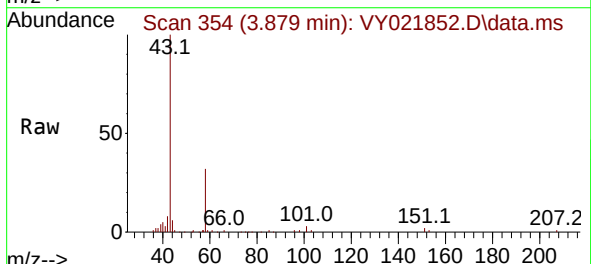
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

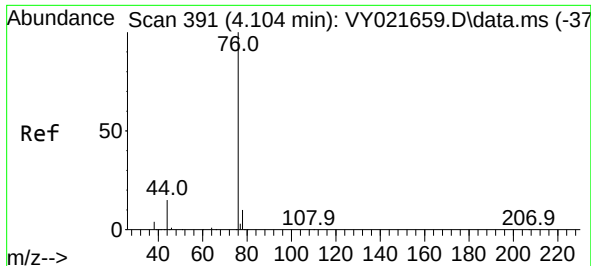
Tgt Ion: 53 Resp: 60829
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 37.6 30.2 45.2



#16
Acetone
Concen: 100.252 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 43 Resp: 58163
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.4

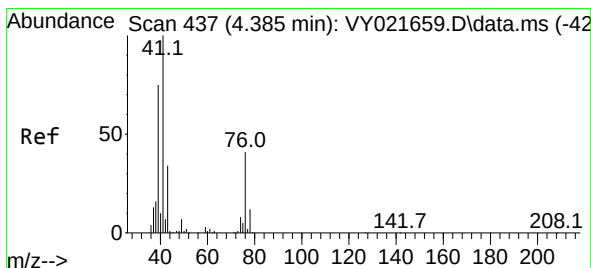
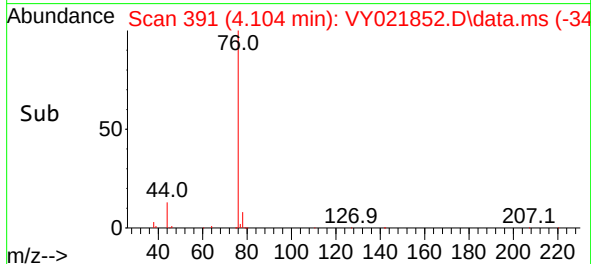
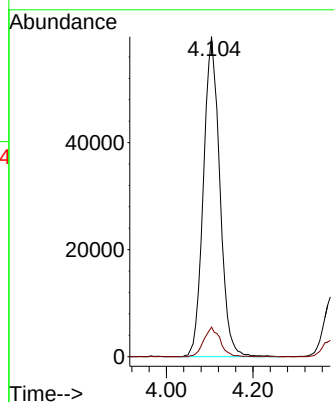
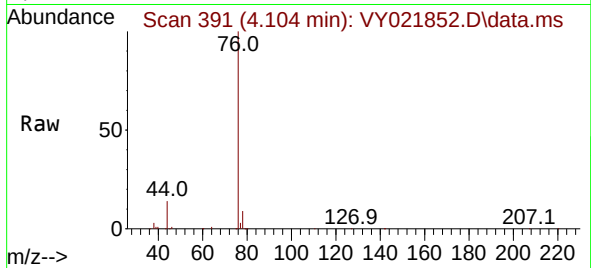




#17
Carbon Disulfide
Concen: 17.379 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

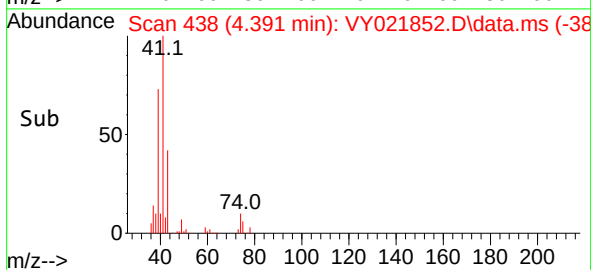
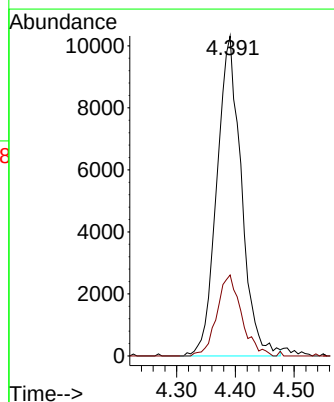
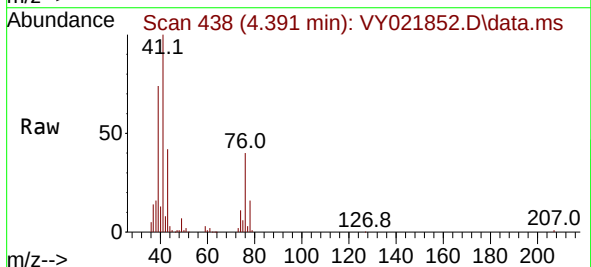
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

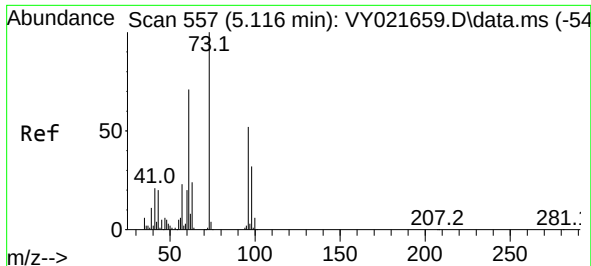
Tgt Ion: 76 Resp: 157086
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 20.738 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 43 Resp: 29819
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.835 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

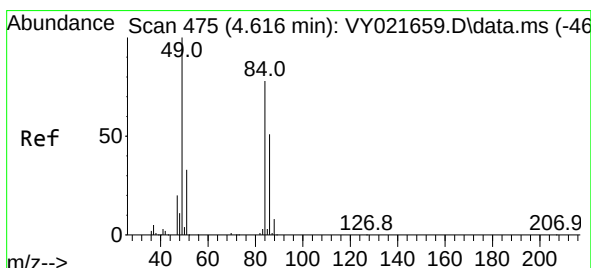
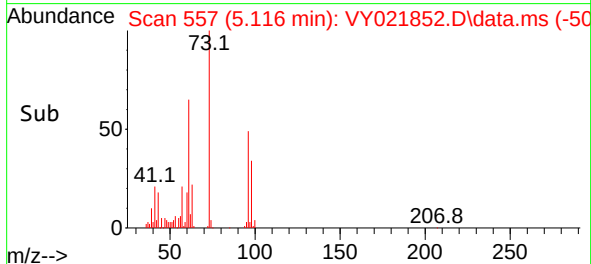
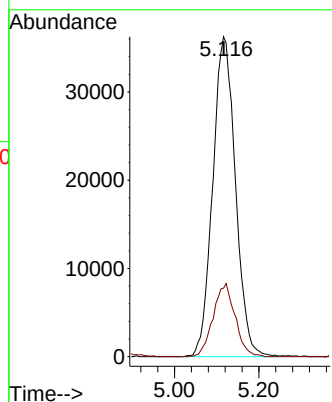
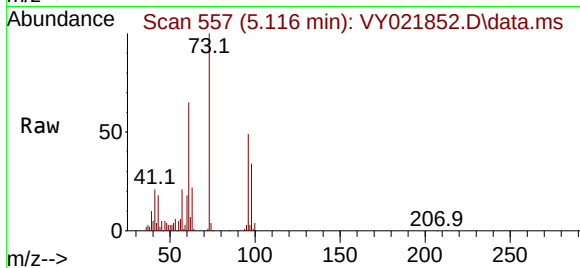
VY0411SBS01

Tgt Ion: 73 Resp: 135524

Ion Ratio Lower Upper

73 100

57 21.4 18.1 27.1



#20

Methylene Chloride

Concen: 20.080 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion: 84 Resp: 63577

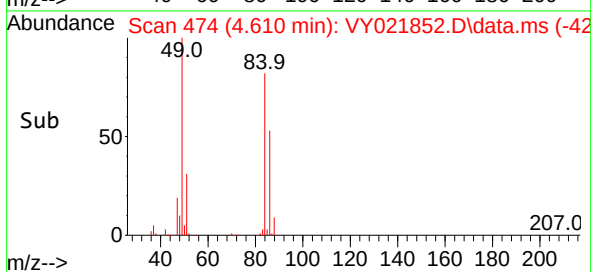
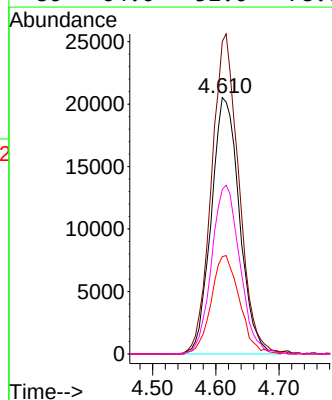
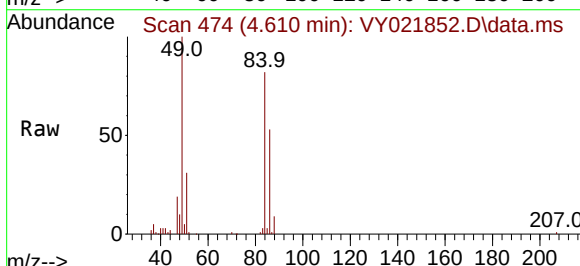
Ion Ratio Lower Upper

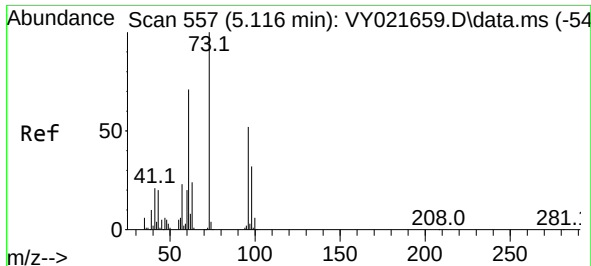
84 100

49 121.9 102.8 154.2

51 37.9 33.5 50.3

86 64.0 52.0 78.0

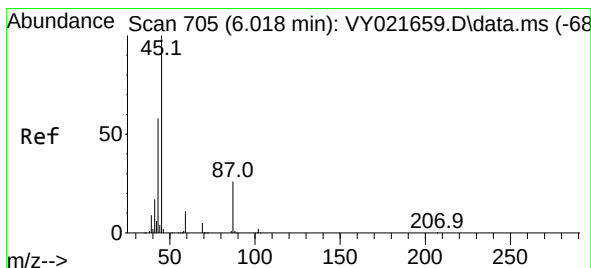
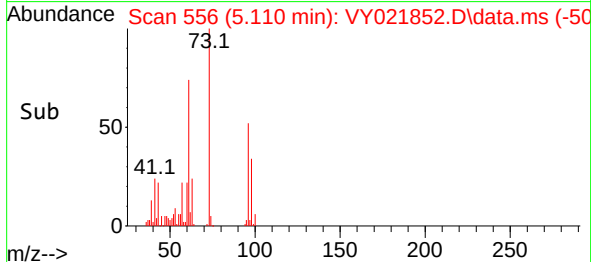
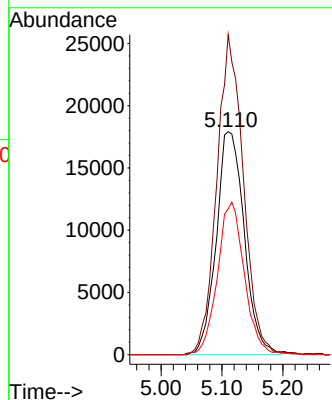
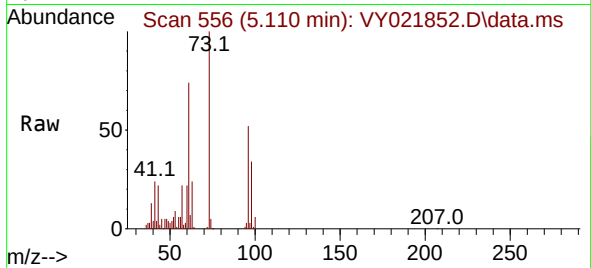




#21
trans-1,2-Dichloroethene
Concen: 18.917 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

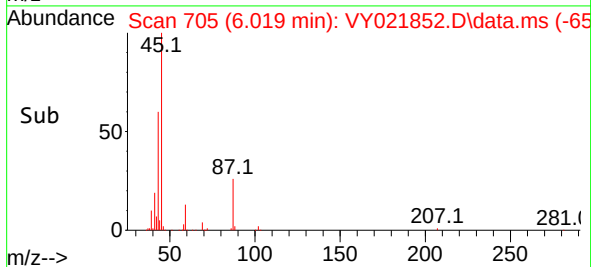
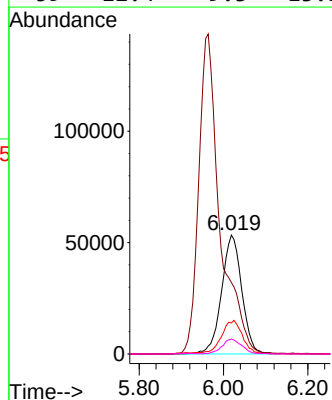
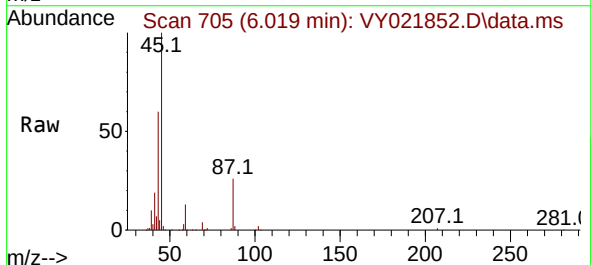
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

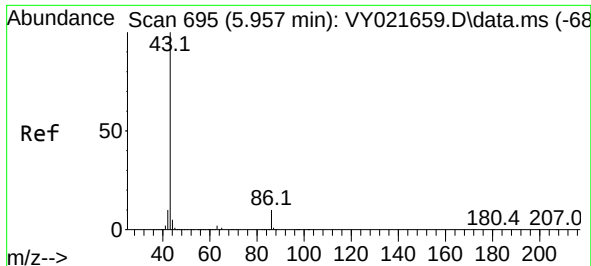
Tgt Ion: 96 Resp: 57161
Ion Ratio Lower Upper
96 100
61 143.5 109.4 164.0
98 65.5 50.2 75.2



#22
Diisopropyl ether
Concen: 19.329 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 45 Resp: 177421
Ion Ratio Lower Upper
45 100
43 59.5 46.6 69.8
87 26.1 20.7 31.1
59 12.4 9.3 13.9

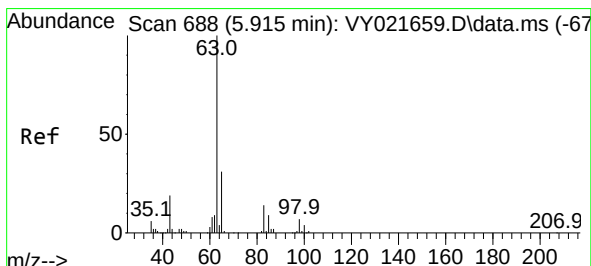
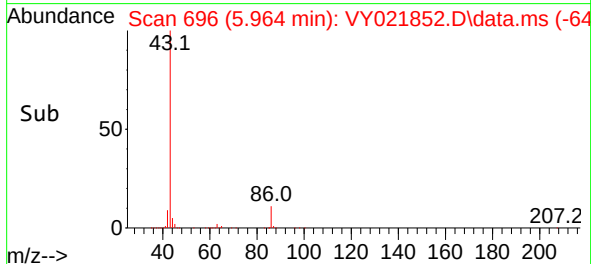
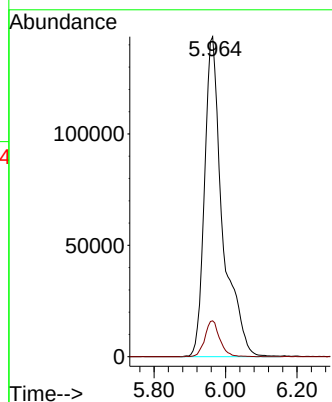
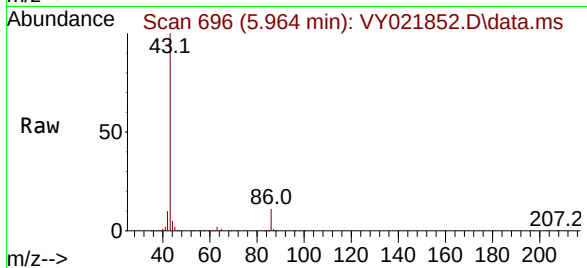




#23
 Vinyl Acetate
 Concen: 93.744 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

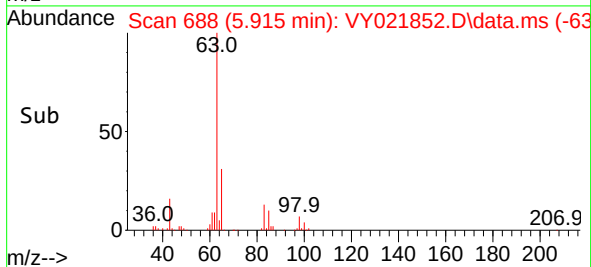
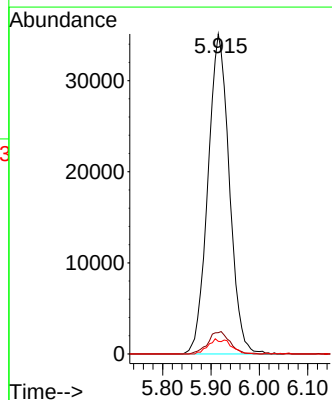
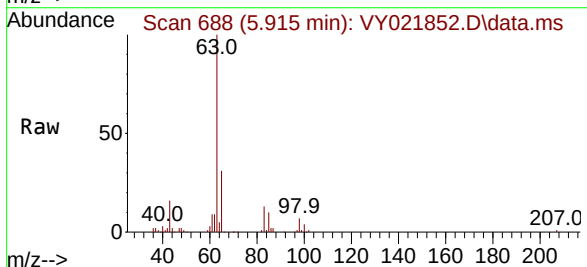
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

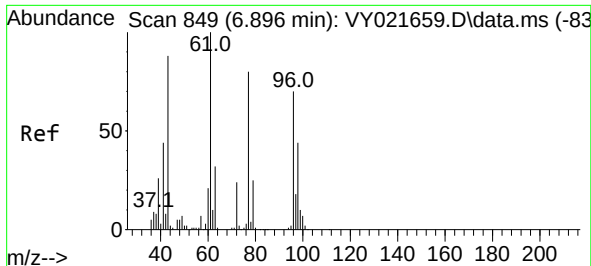
Tgt Ion: 43 Resp: 503378
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.659 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion: 63 Resp: 107900
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.0 2.2 6.6

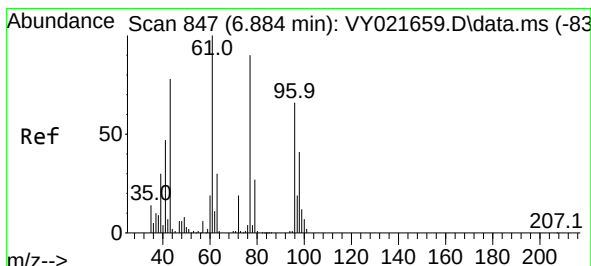
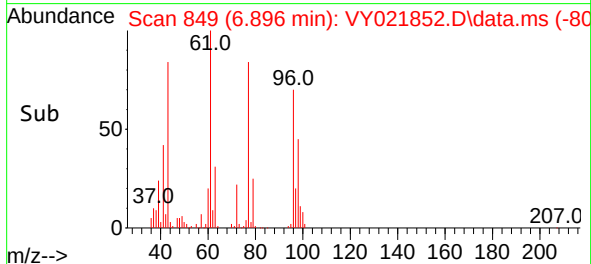
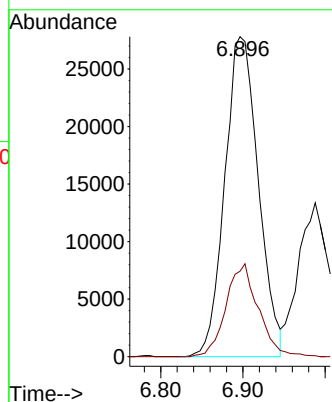
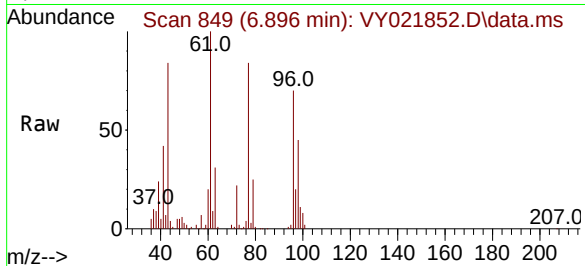




#25
2-Butanone
Concen: 95.259 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

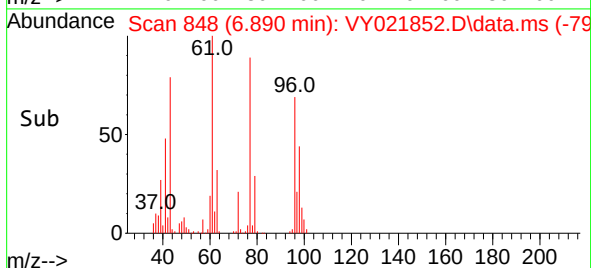
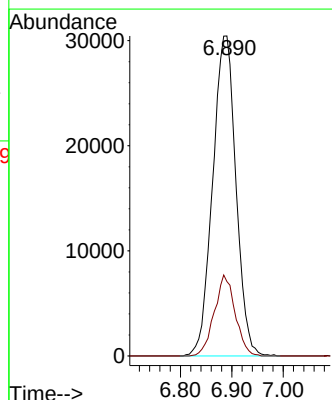
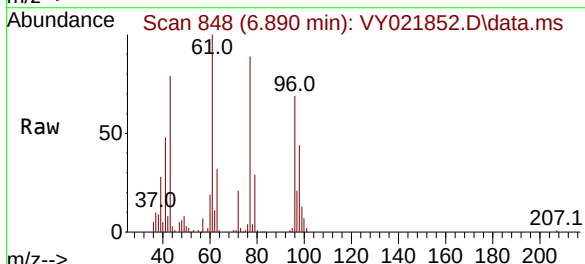
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

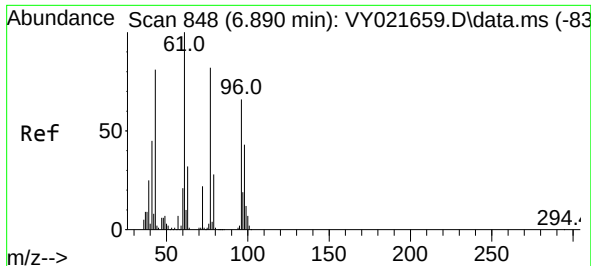
Tgt Ion: 43 Resp: 78937
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.627 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 77 Resp: 95824
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.948 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

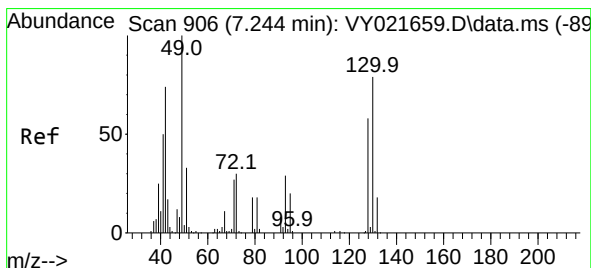
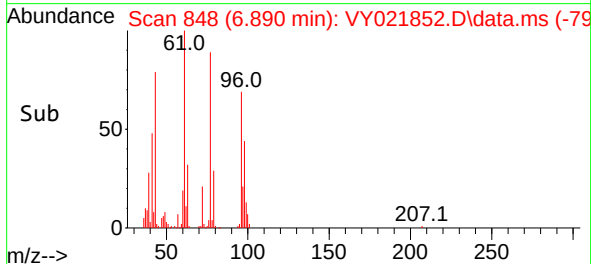
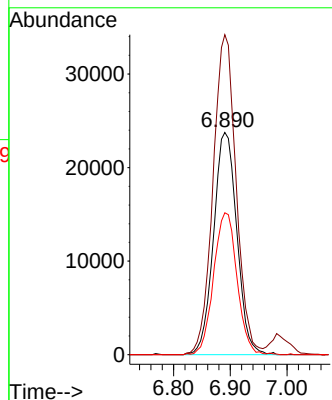
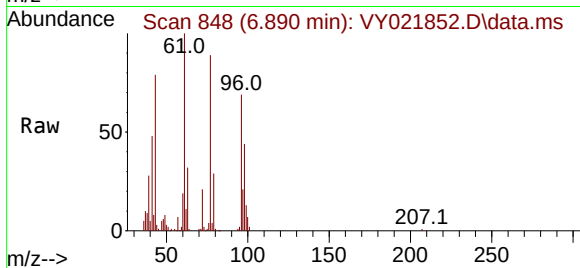
Tgt Ion: 96 Resp: 67782

Ion Ratio Lower Upper

96 100

61 142.8 0.0 296.4

98 64.1 0.0 128.0



#28

Bromochloromethane

Concen: 19.691 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

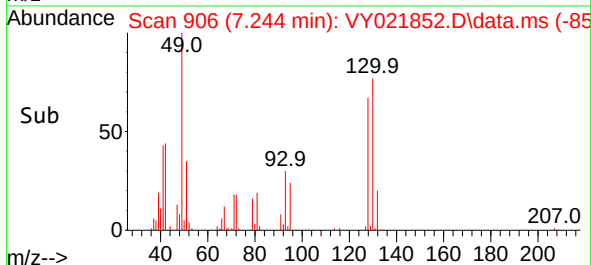
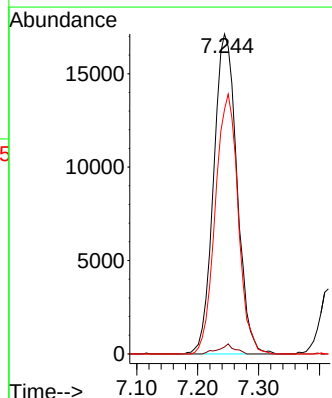
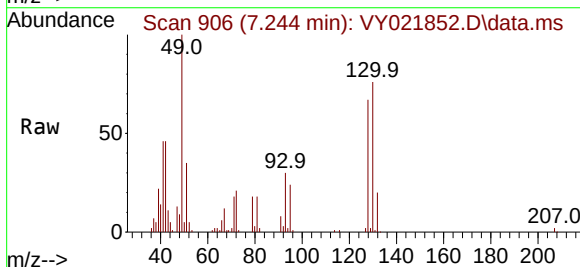
Tgt Ion: 49 Resp: 45578

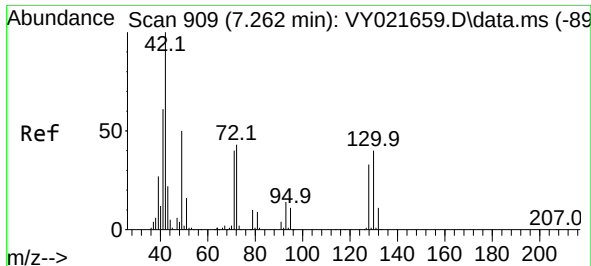
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 79.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 93.472 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

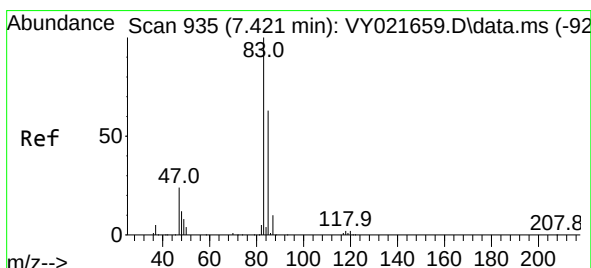
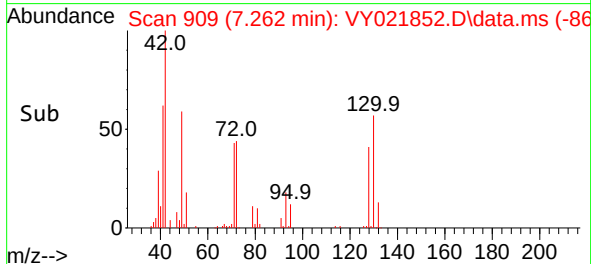
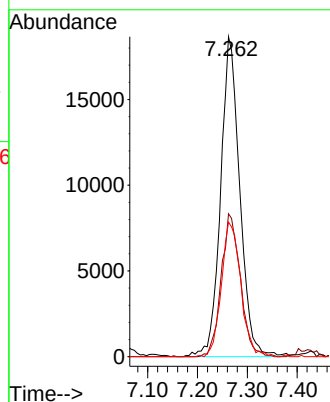
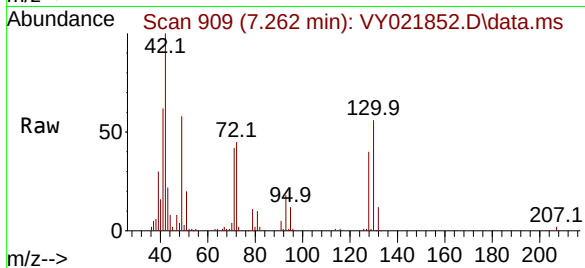
Tgt Ion: 42 Resp: 49850

Ion Ratio Lower Upper

42 100

72 44.7 34.6 52.0

71 42.6 32.5 48.7



#30

Chloroform

Concen: 19.730 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021852.D

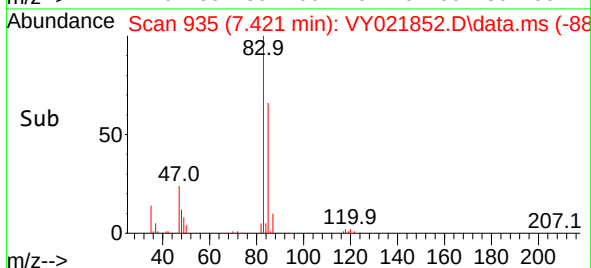
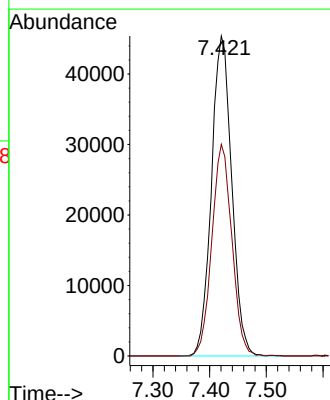
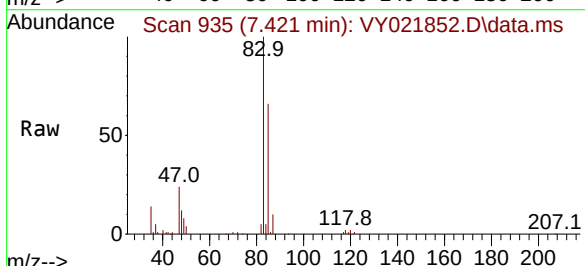
Acq: 11 Apr 2025 12:06

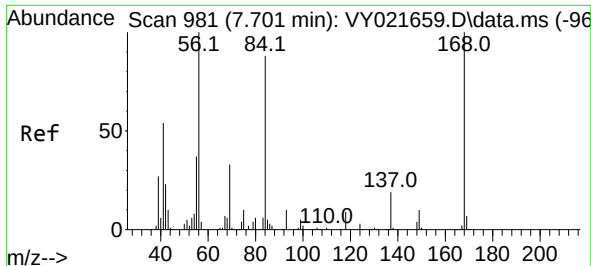
Tgt Ion: 83 Resp: 112631

Ion Ratio Lower Upper

83 100

85 66.2 50.6 75.8

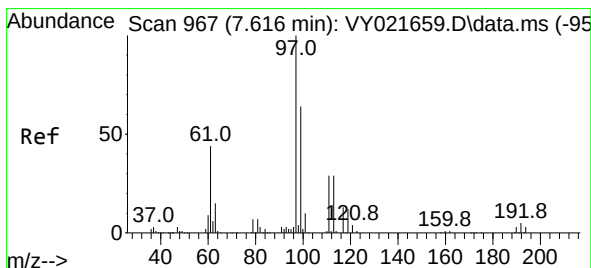
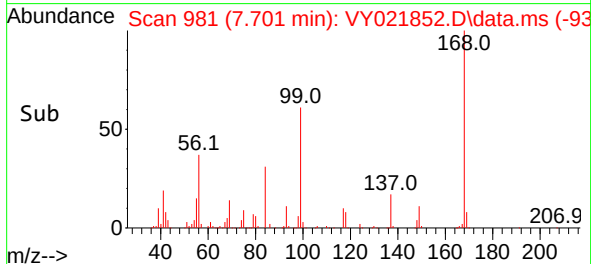
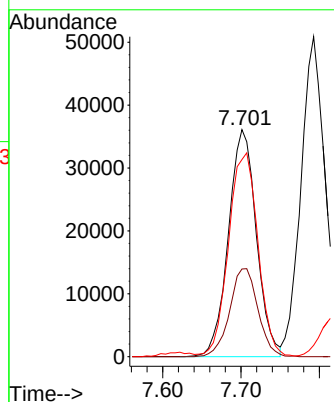
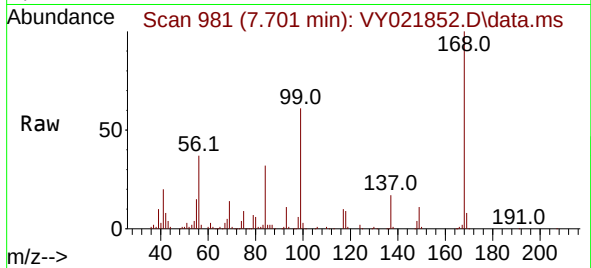




#31
Cyclohexane
Concen: 17.905 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

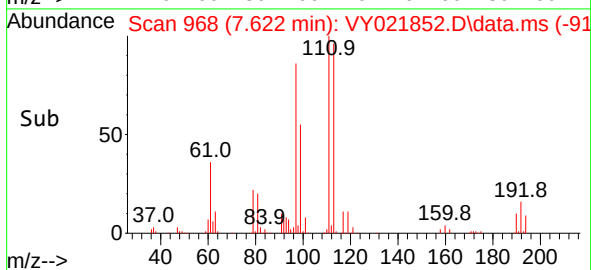
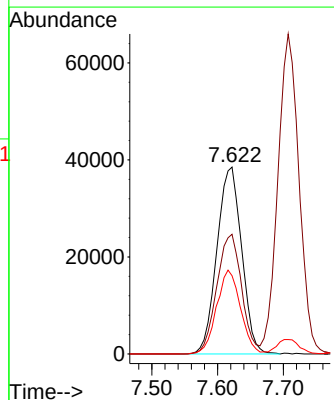
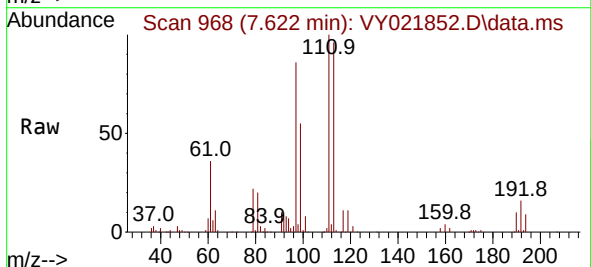
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

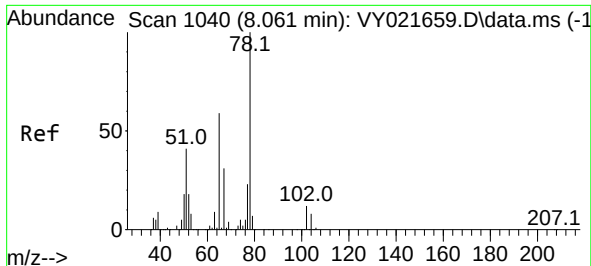
Tgt Ion: 56 Resp: 89585
Ion Ratio Lower Upper
56 100
69 38.6 26.6 40.0
84 84.5 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.552 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 97 Resp: 100880
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.269 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

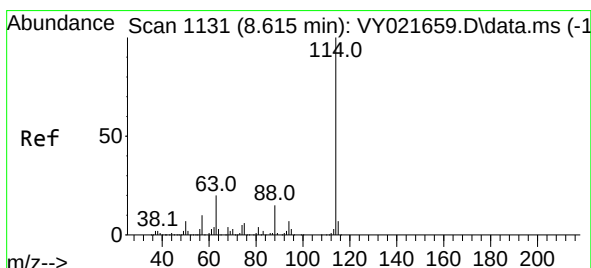
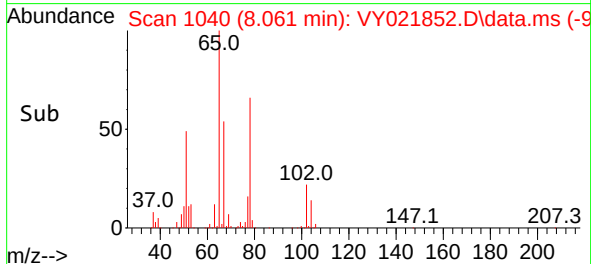
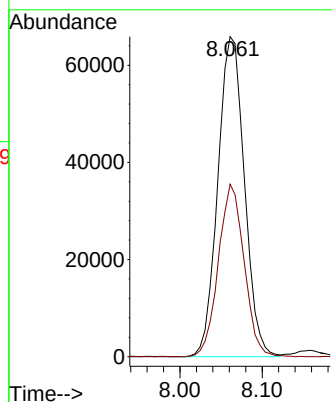
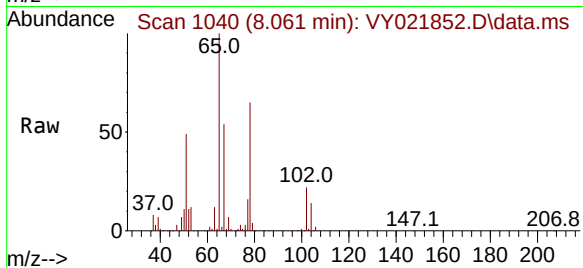
VY0411SBS01

Tgt Ion: 65 Resp: 148170

Ion Ratio Lower Upper

65 100

67 52.2 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: VY021852.D

Acq: 11 Apr 2025 12:06

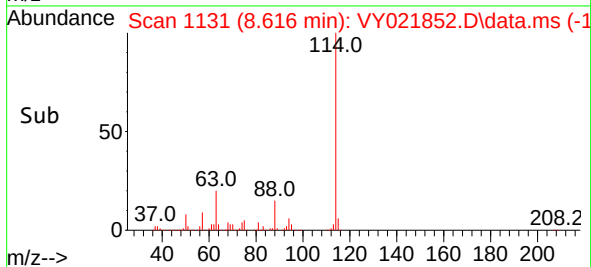
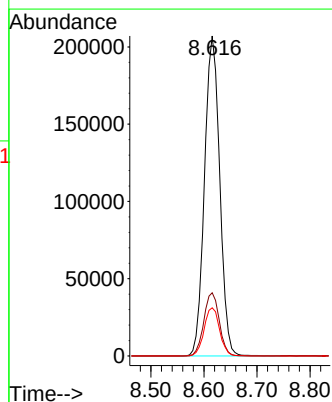
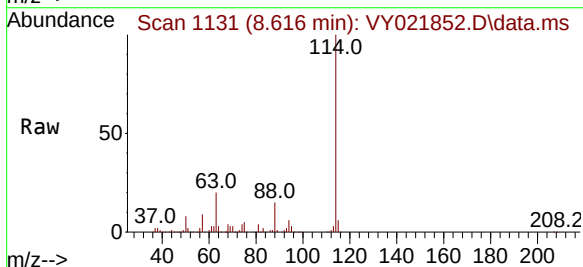
Tgt Ion: 114 Resp: 412441

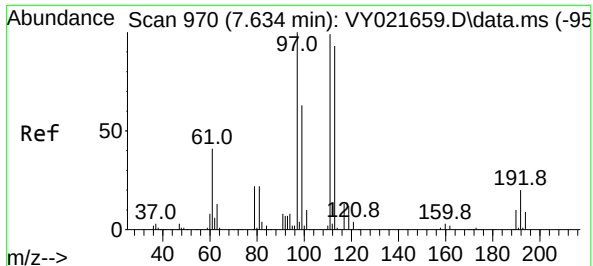
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.0 0.0 29.8

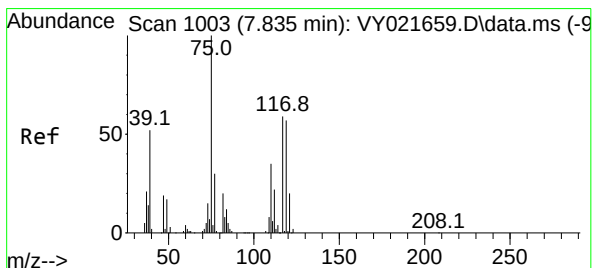
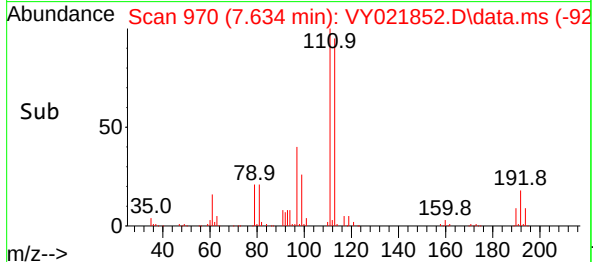
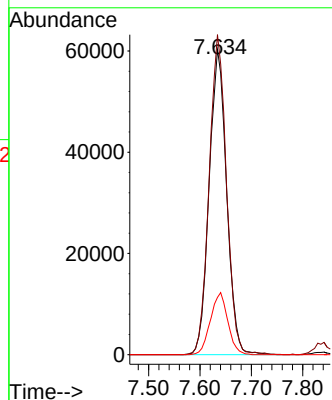
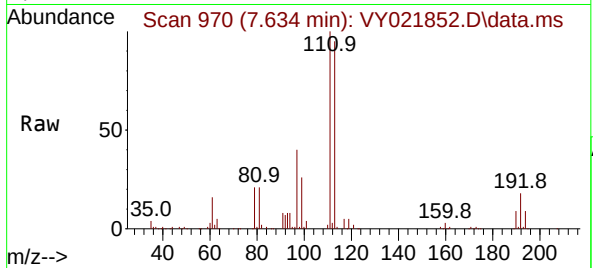




#35
Dibromofluoromethane
Concen: 53.172 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

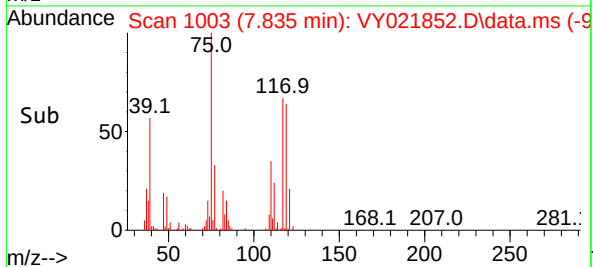
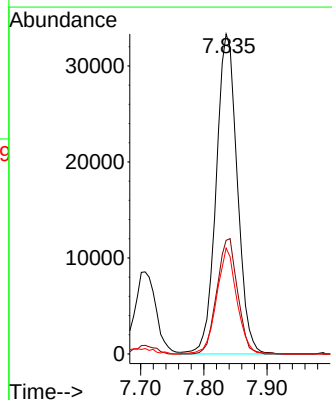
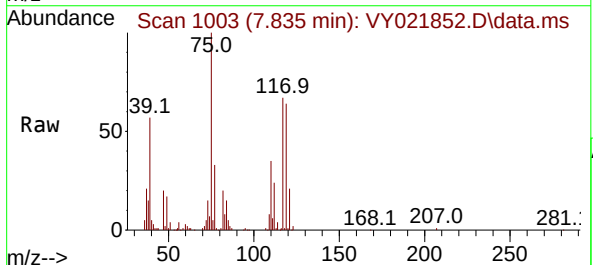
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

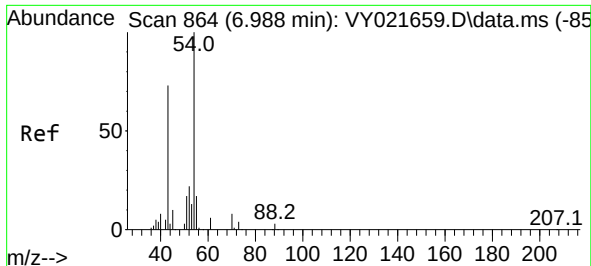
Tgt Ion:113 Resp: 142257
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 18.961 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 77267
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.6 24.8 37.2

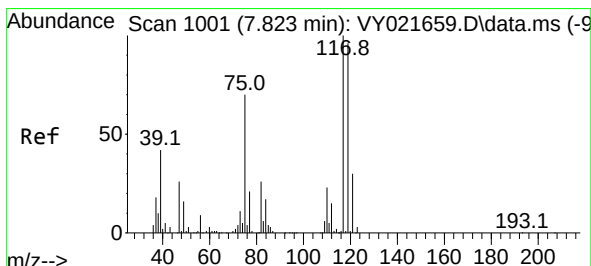
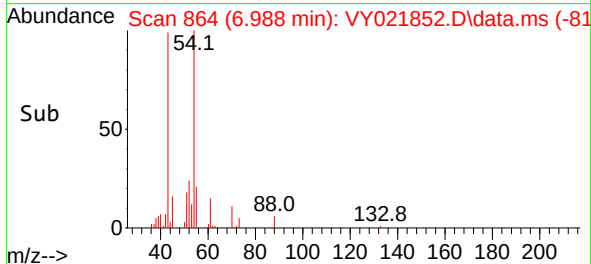
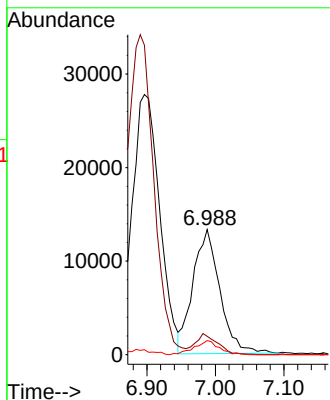
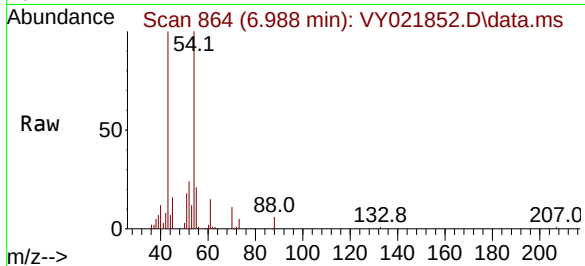




#37
Ethyl Acetate
Concen: 18.888 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

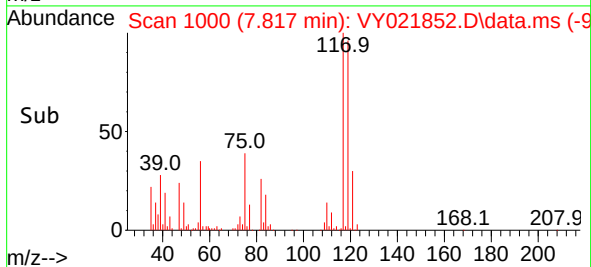
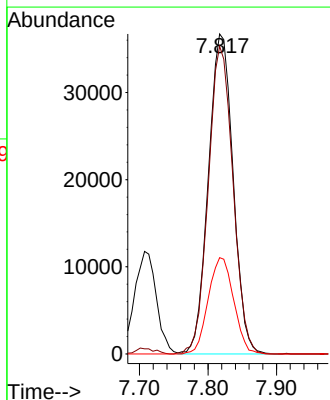
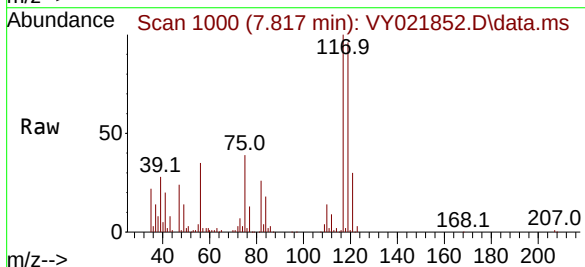
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

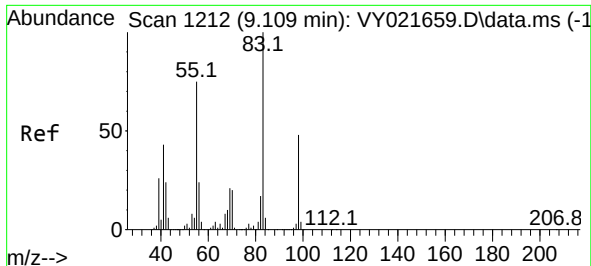
Tgt Ion: 43 Resp: 36325
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.705 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 117 Resp: 91970
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
121 30.1 24.2 36.4

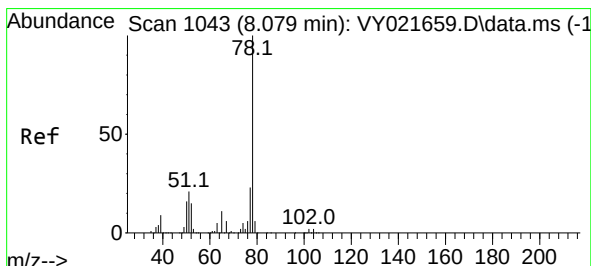
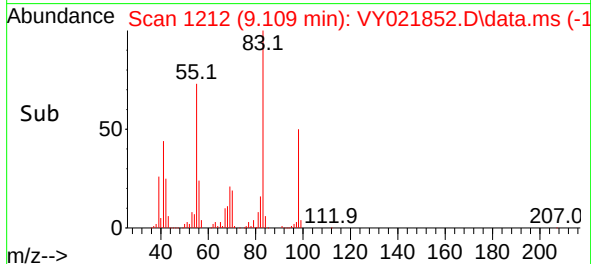
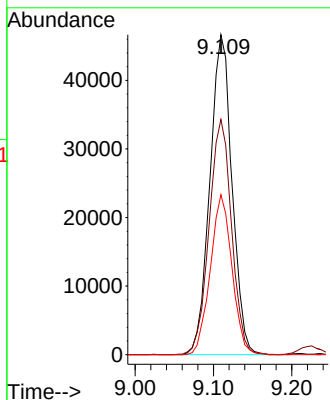
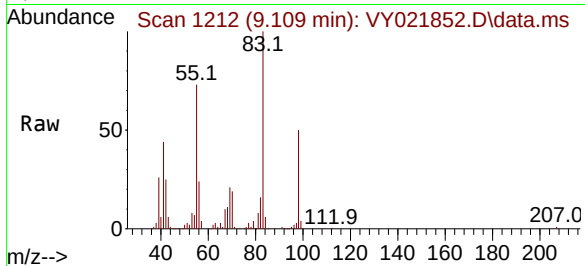




#39
Methylcyclohexane
Concen: 18.832 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

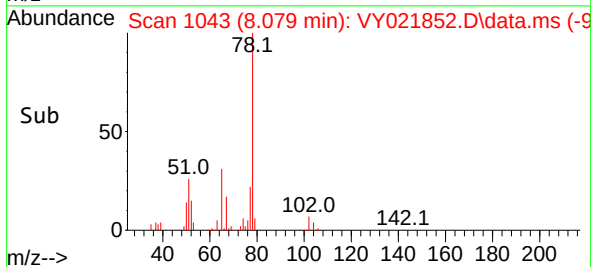
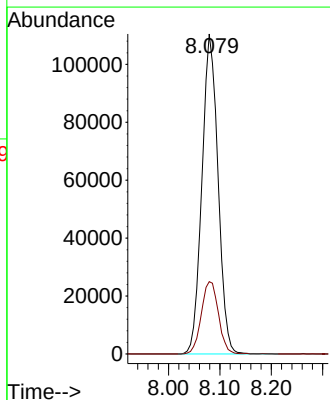
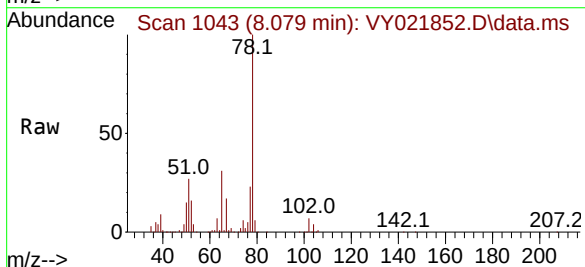
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

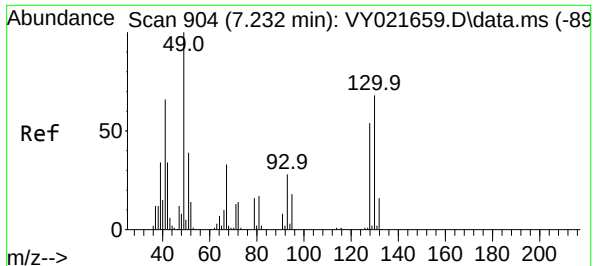
Tgt Ion: 83 Resp: 91679
Ion Ratio Lower Upper
83 100
55 73.5 59.7 89.5
98 50.0 38.3 57.5



#40
Benzene
Concen: 19.667 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 78 Resp: 240011
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2

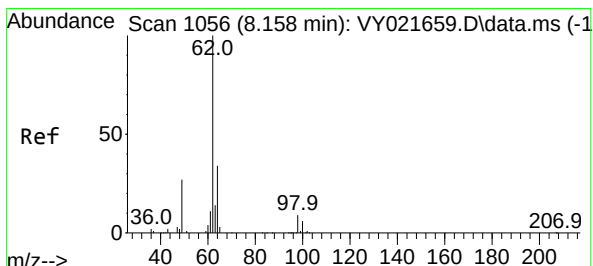
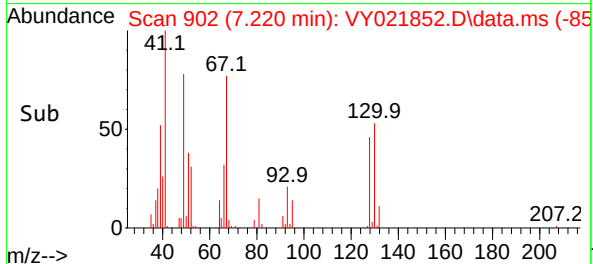
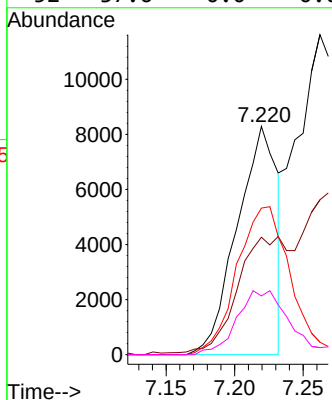
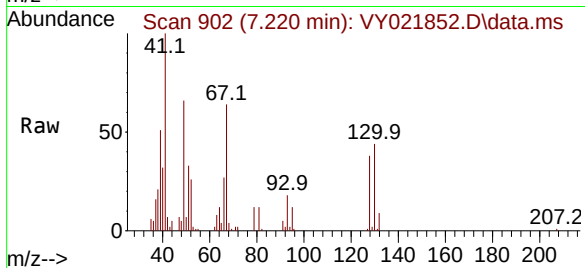




#41
Methacrylonitrile
Concen: 16.472 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

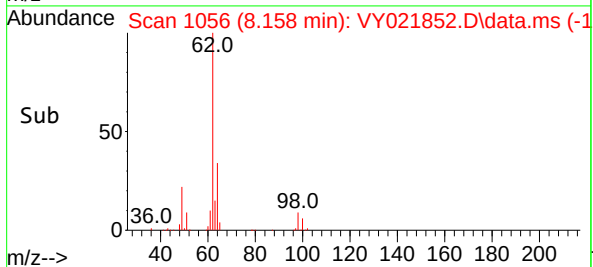
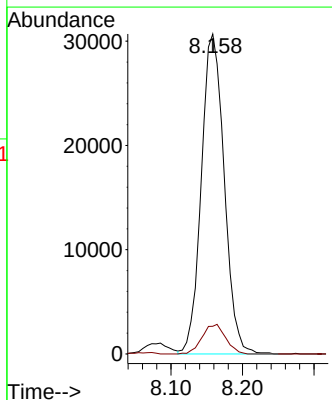
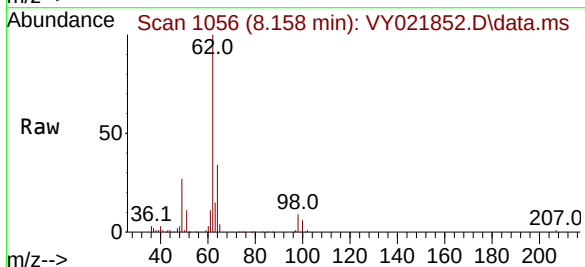
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

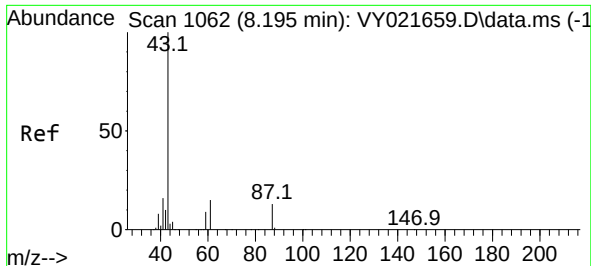
Tgt Ion: 41 Resp: 16824
Ion Ratio Lower Upper
41 100
39 71.9 0.0 0.0#
67 87.7 0.0 0.0#
52 37.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.827 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 62 Resp: 68214
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.174 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

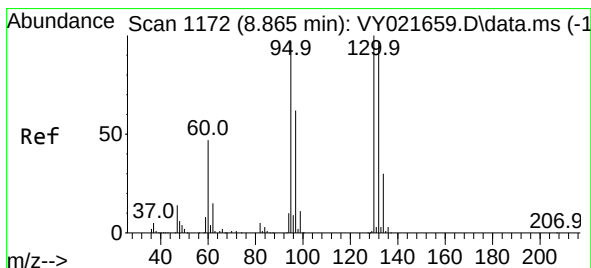
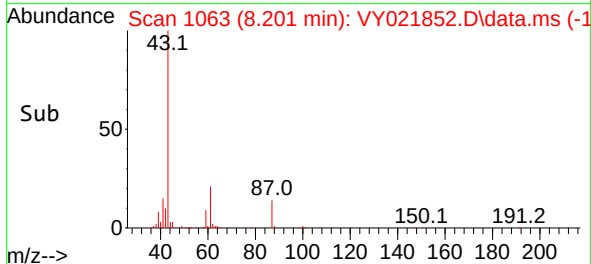
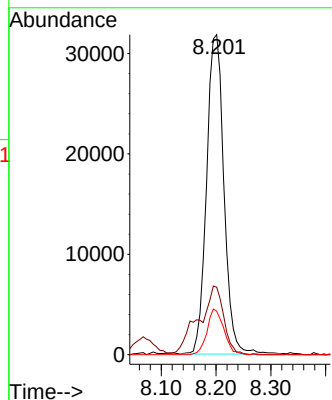
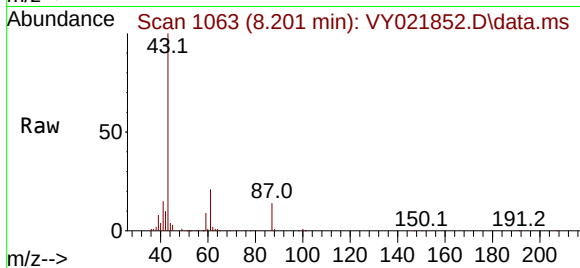
Tgt Ion: 43 Resp: 69884

Ion Ratio Lower Upper

43 100

61 31.0 15.9 23.9#

87 13.8 10.4 15.6



#44

Trichloroethene

Concen: 19.838 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021852.D

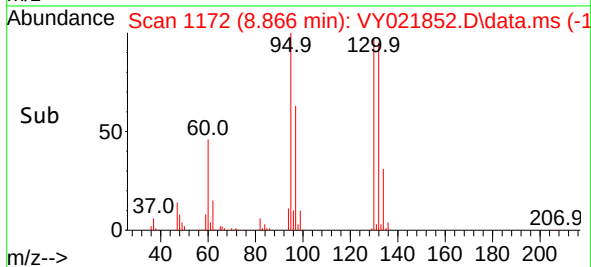
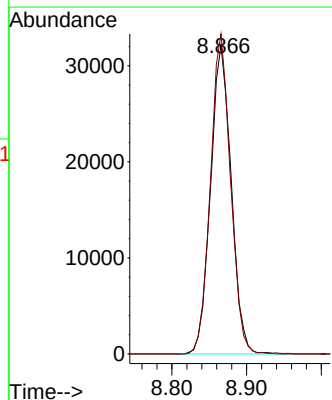
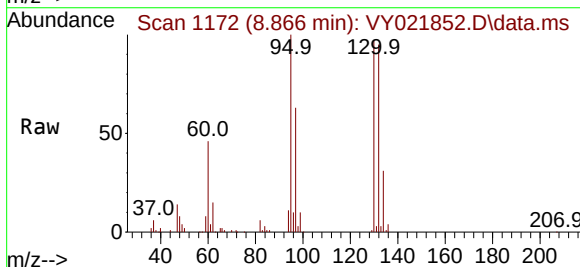
Acq: 11 Apr 2025 12:06

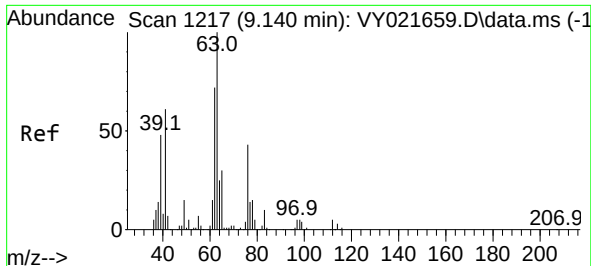
Tgt Ion:130 Resp: 61686

Ion Ratio Lower Upper

130 100

95 103.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.511 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

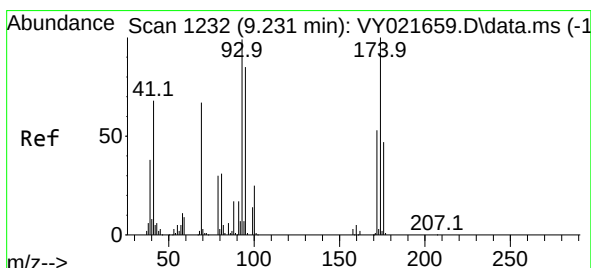
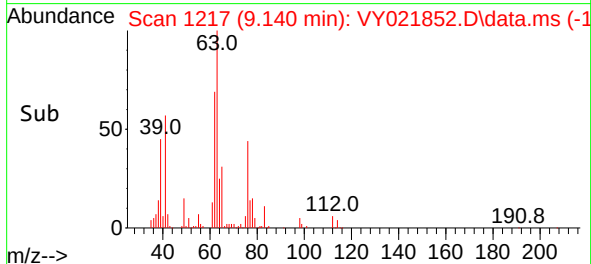
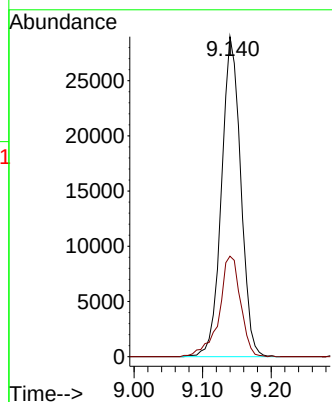
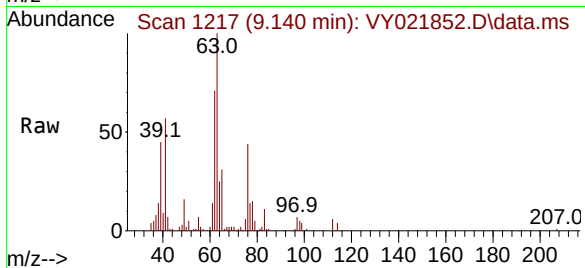
VY0411SBS01

Tgt Ion: 63 Resp: 56361

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 19.119 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

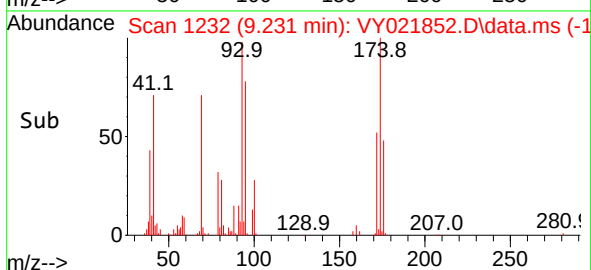
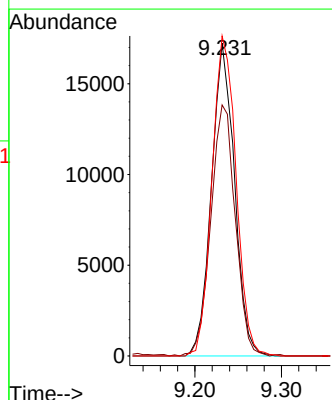
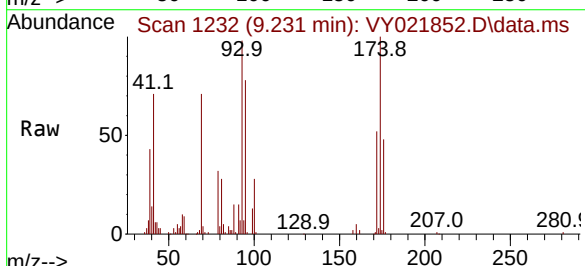
Tgt Ion: 93 Resp: 31831

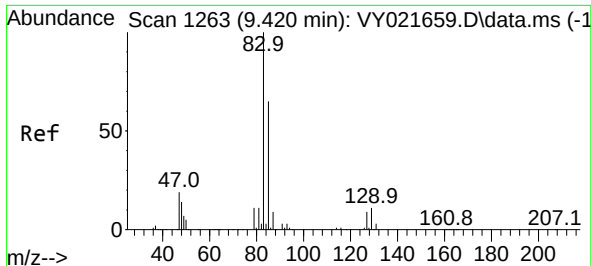
Ion Ratio Lower Upper

93 100

95 85.2 68.1 102.1

174 106.8 80.9 121.3

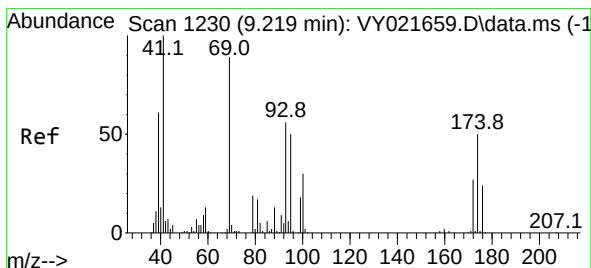
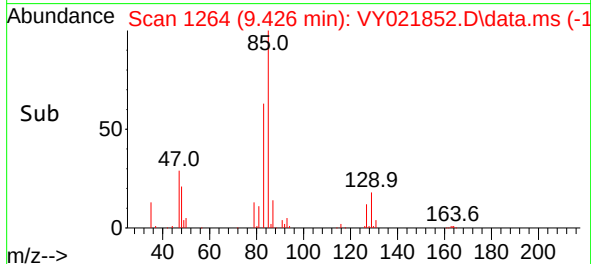
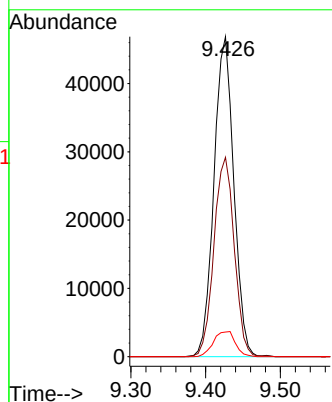
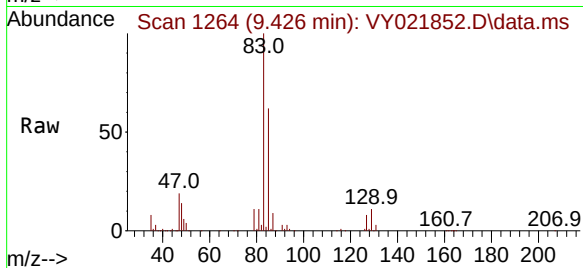




#47
Bromodichloromethane
Concen: 20.003 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

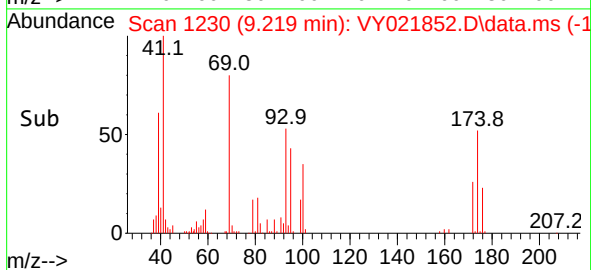
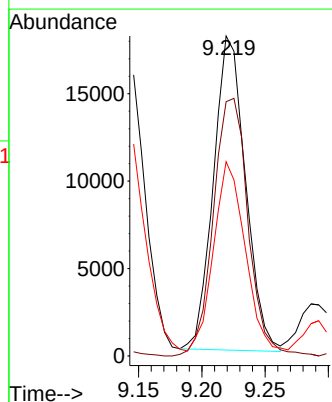
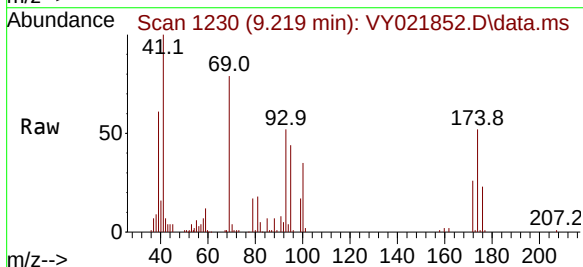
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

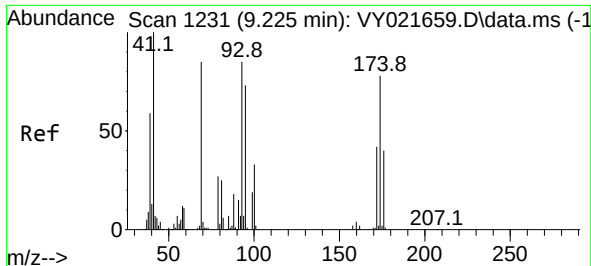
Tgt Ion: 83 Resp: 86291
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.6
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 18.895 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 41 Resp: 31606
Ion Ratio Lower Upper
41 100
69 89.2 69.8 104.8
39 59.7 47.2 70.8

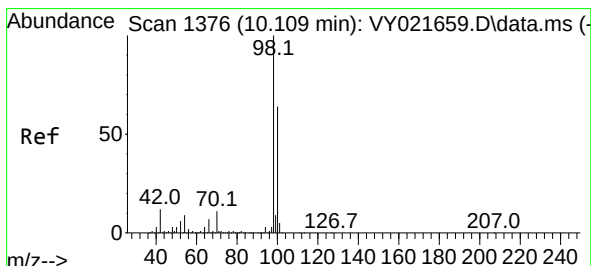
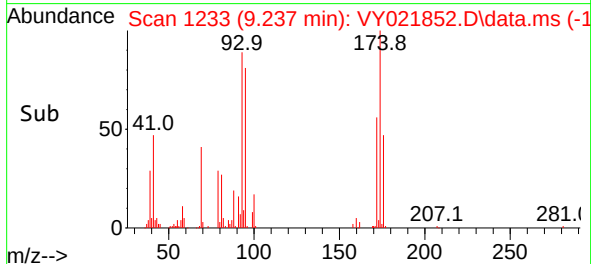
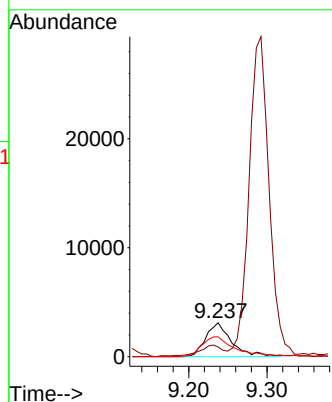
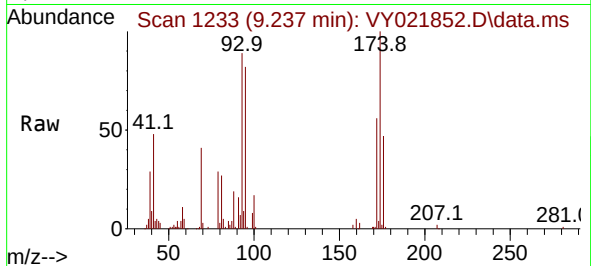




#49
1,4-Dioxane
Concen: 400.396 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

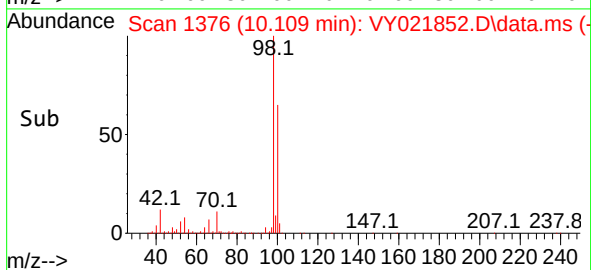
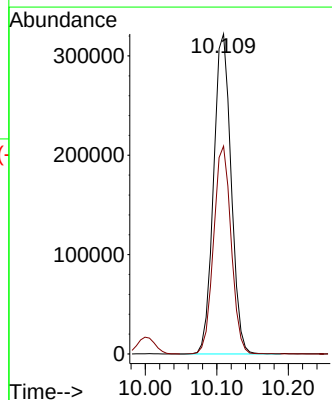
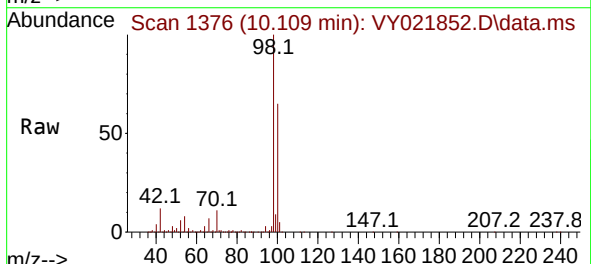
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

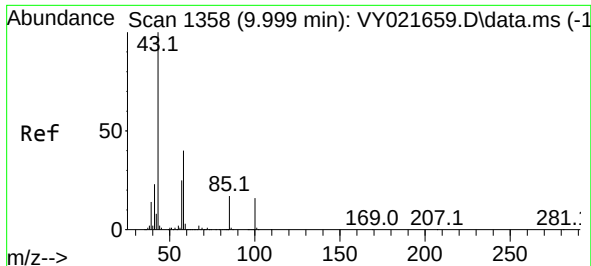
Tgt Ion: 88 Resp: 7141
Ion Ratio Lower Upper
88 100
43 33.1 28.8 43.2
58 75.2 59.4 89.2



#50
Toluene-d8
Concen: 53.827 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 98 Resp: 547864
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 97.188 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

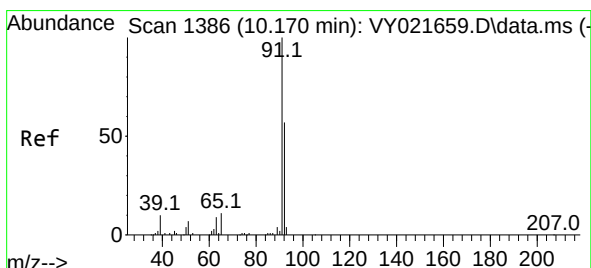
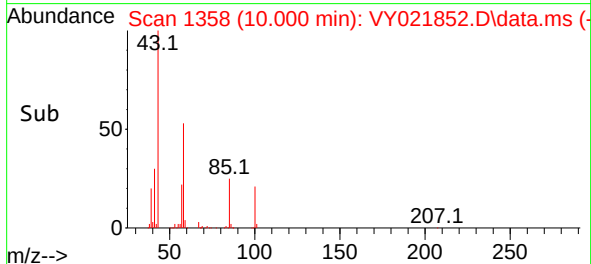
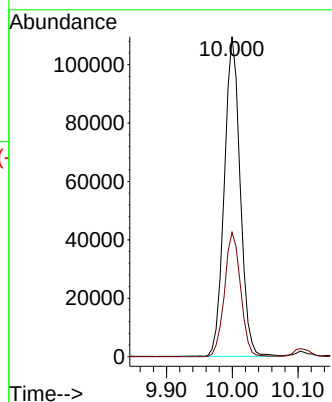
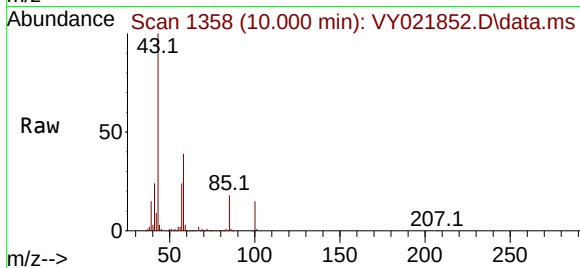
VY0411SBS01

Tgt Ion: 43 Resp: 184332

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3



#52

Toluene

Concen: 20.087 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021852.D

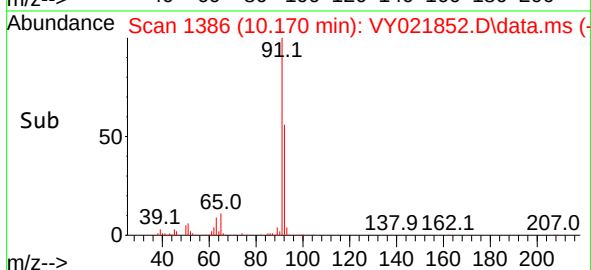
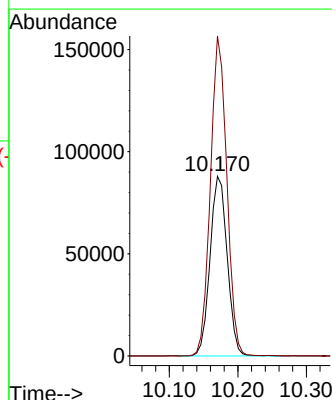
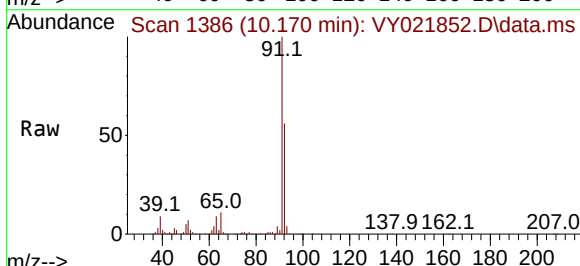
Acq: 11 Apr 2025 12:06

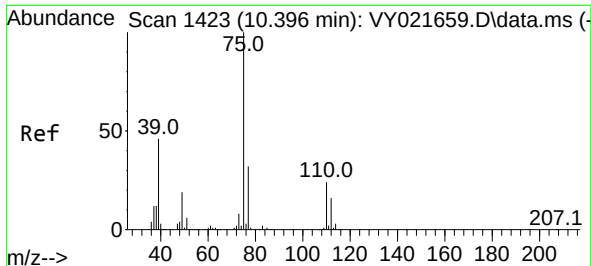
Tgt Ion: 92 Resp: 152947

Ion Ratio Lower Upper

92 100

91 170.3 138.6 207.8

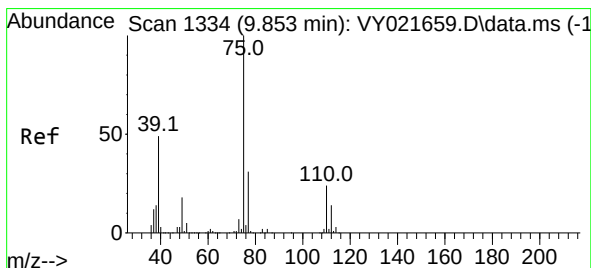
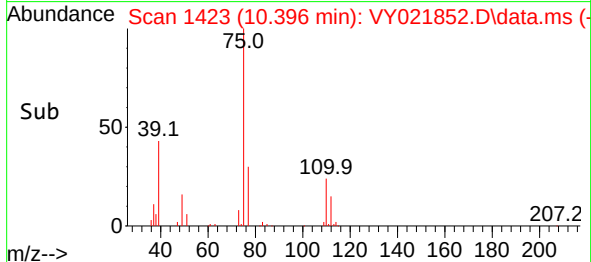
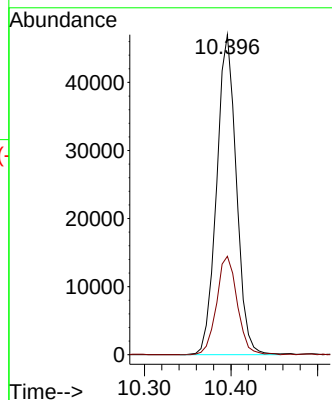
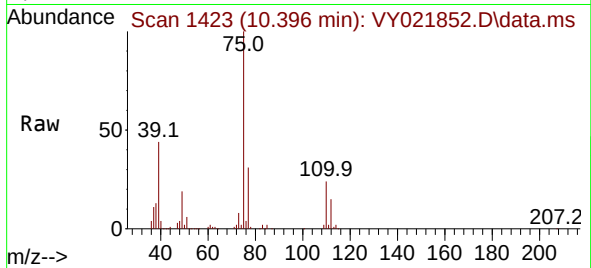




#53
t-1,3-Dichloropropene
Concen: 19.363 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

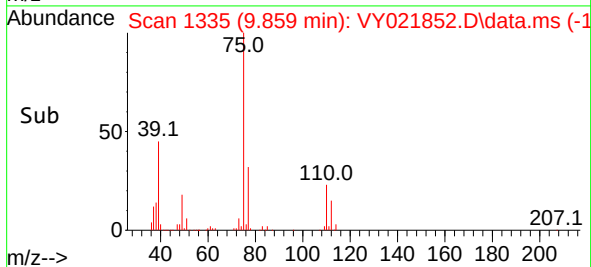
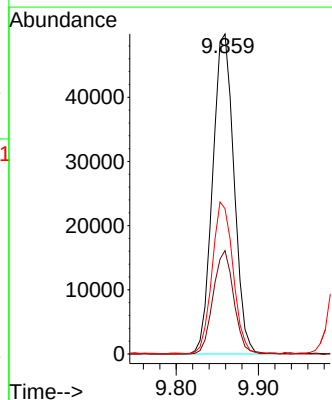
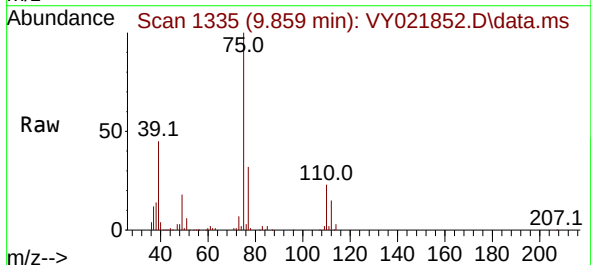
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

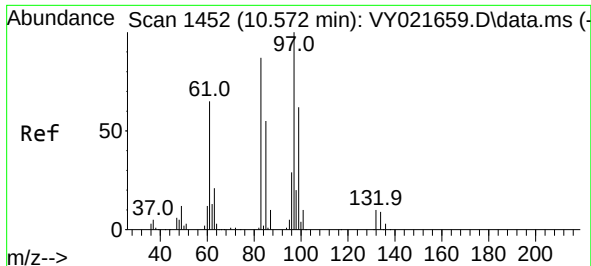
Tgt Ion: 75 Resp: 74193
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.891 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 89915
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3
39 45.4 39.2 58.8

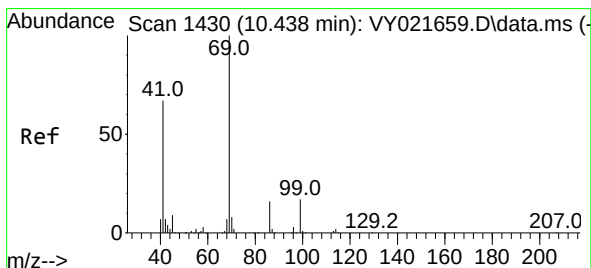
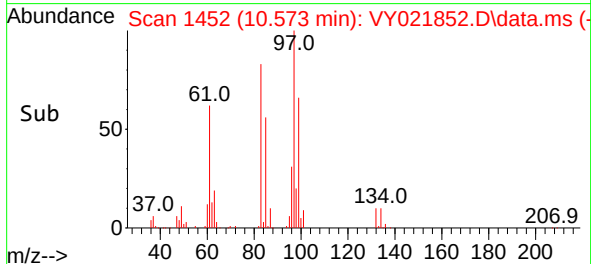
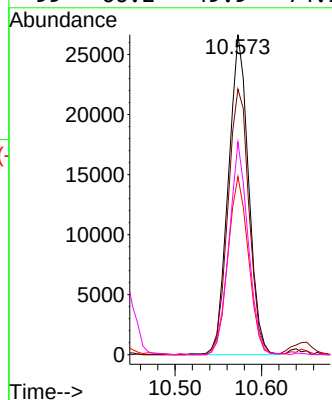
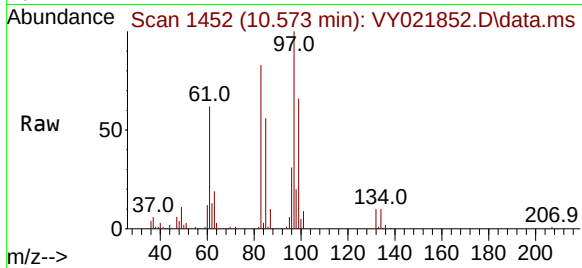




#55
1,1,2-Trichloroethane
Concen: 20.133 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

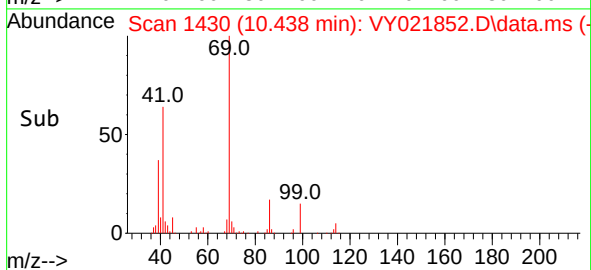
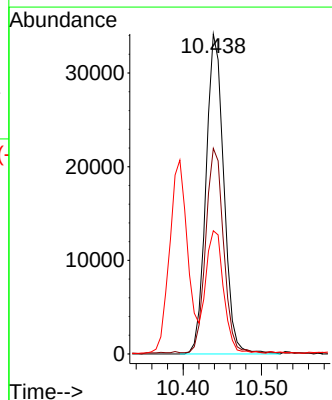
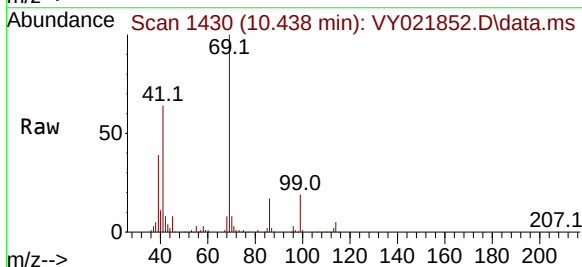
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

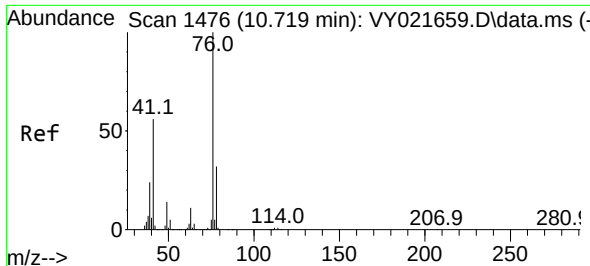
Tgt Ion:	97	Resp:	43135
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.5	104.3
85	55.7	43.9	65.9
99	66.2	49.9	74.9



#56
Ethyl methacrylate
Concen: 19.720 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:	69	Resp:	53948
Ion	Ratio	Lower	Upper
69	100		
41	63.5	53.8	80.6
39	37.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.321 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

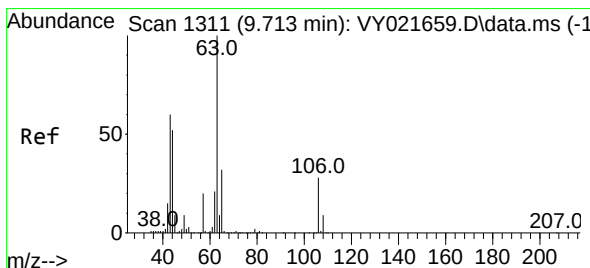
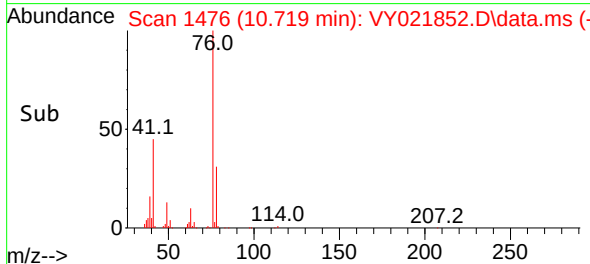
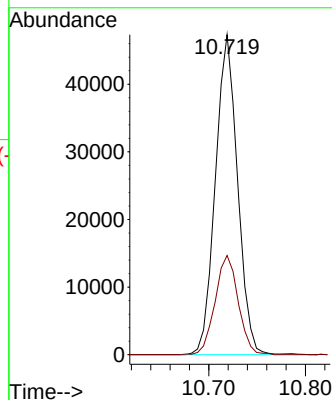
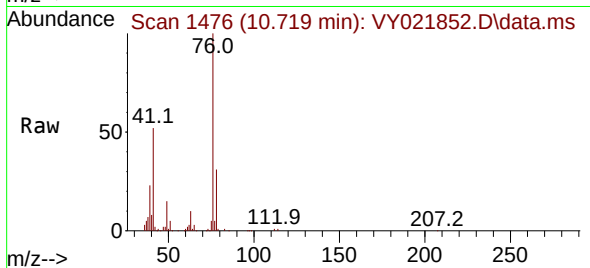
VY0411SBS01

Tgt Ion: 76 Resp: 75191

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.058 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021852.D

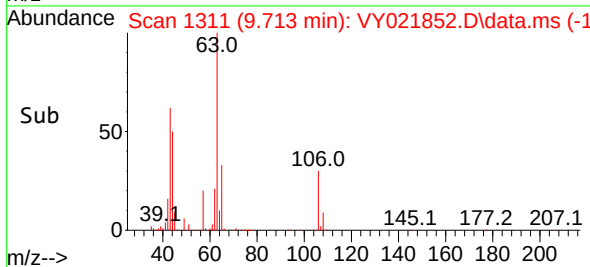
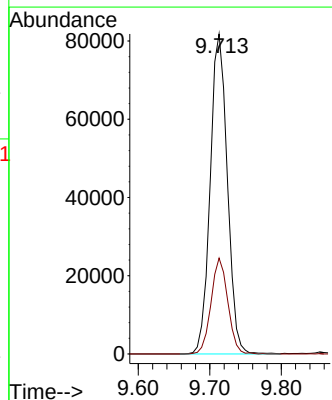
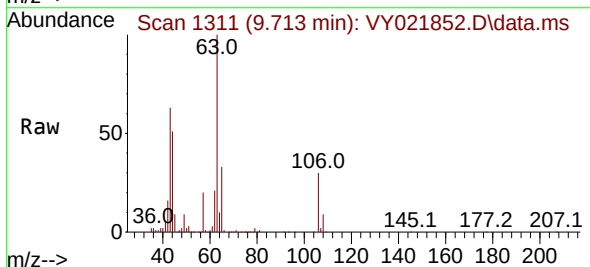
Acq: 11 Apr 2025 12:06

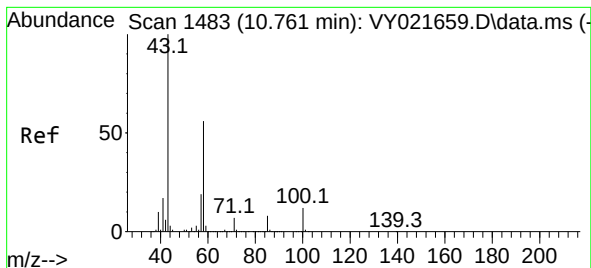
Tgt Ion: 63 Resp: 136203

Ion Ratio Lower Upper

63 100

106 29.2 22.4 33.6

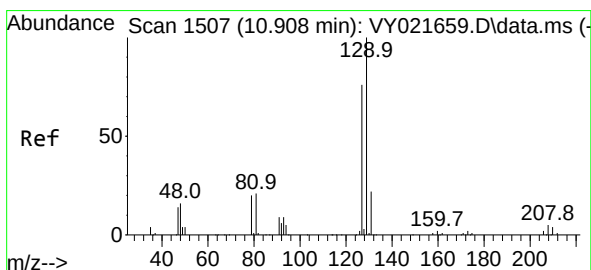
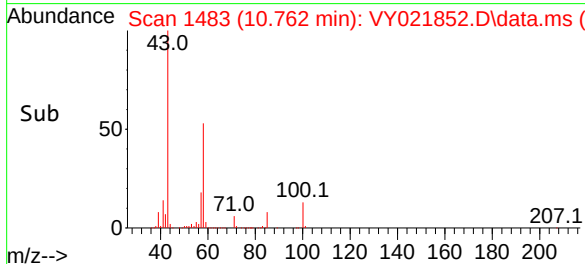
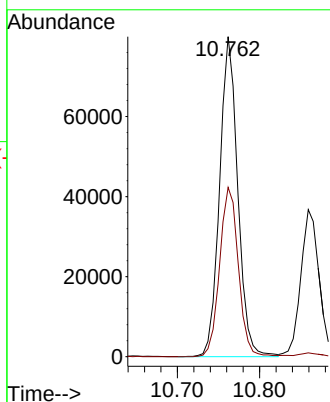
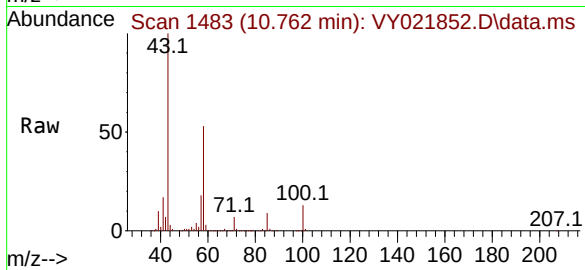




#59
2-Hexanone
Concen: 97.231 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

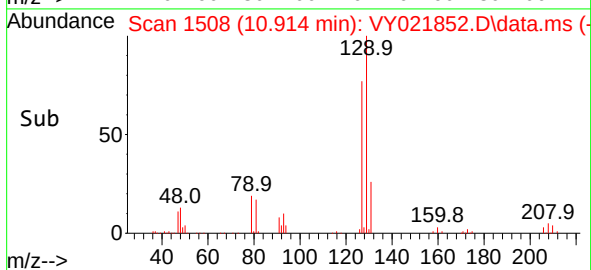
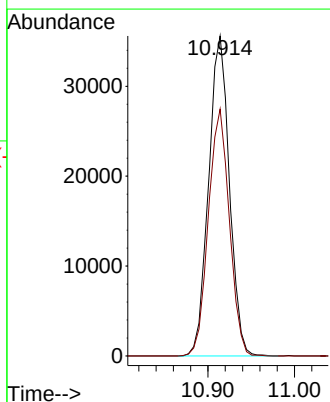
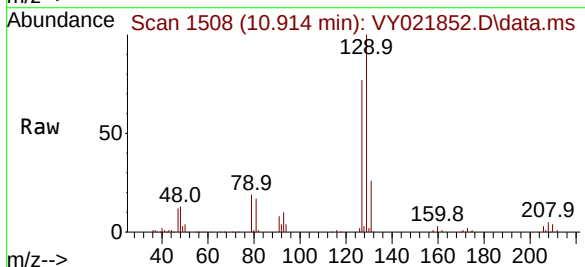
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

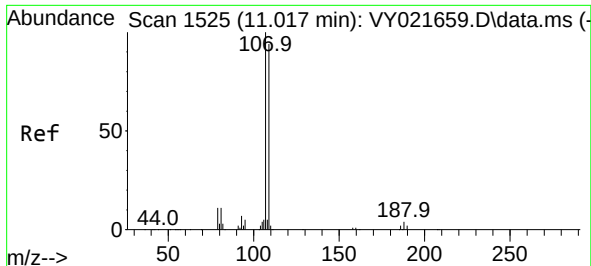
Tgt Ion: 43 Resp: 122817
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5



#60
Dibromochloromethane
Concen: 20.276 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 129 Resp: 59311
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

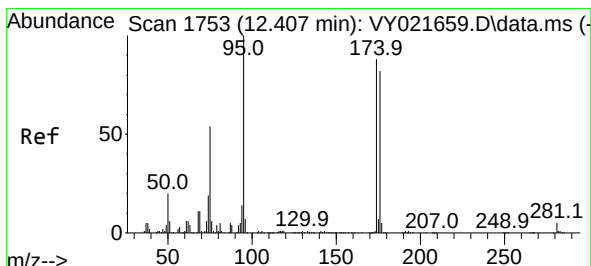
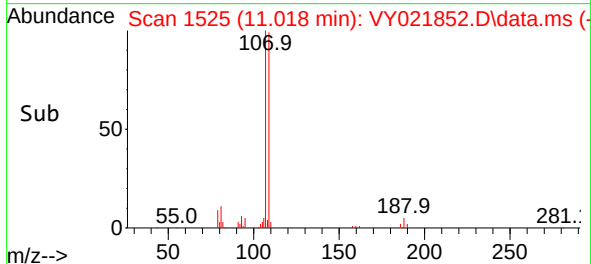
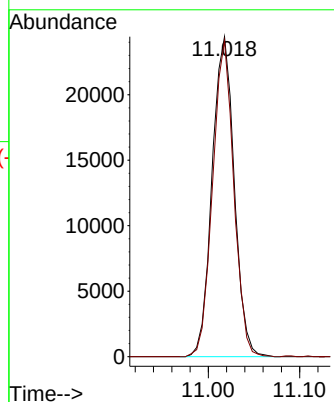
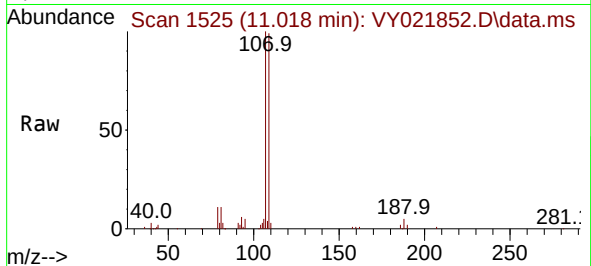




#61
1,2-Dibromoethane
Concen: 20.405 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

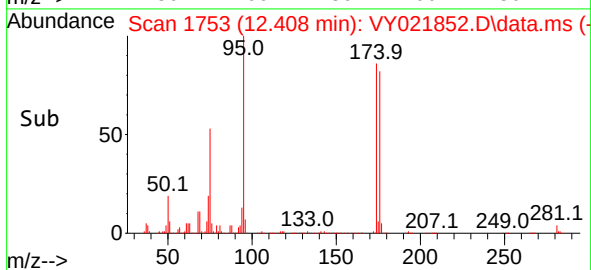
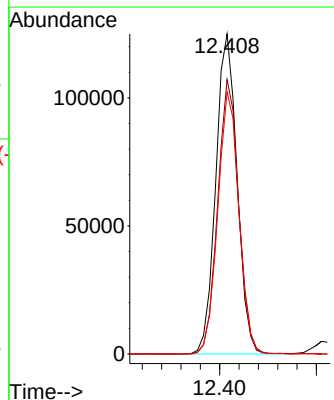
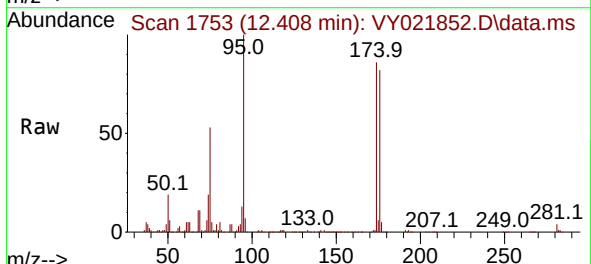
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

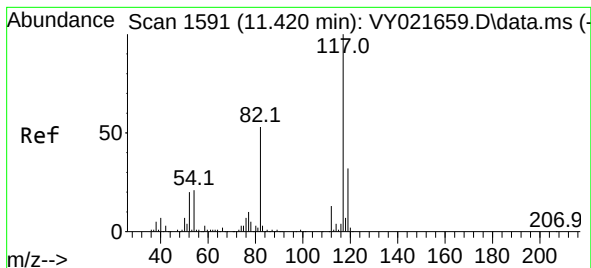
Tgt Ion:107 Resp: 41010
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 95 Resp: 190322
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 80.9 0.0 162.0

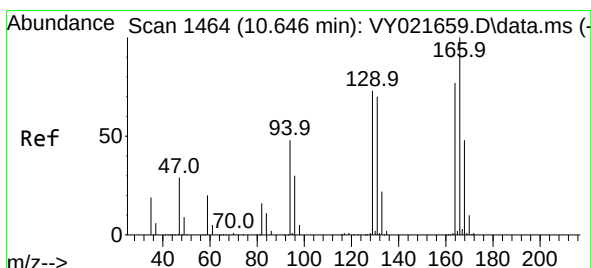
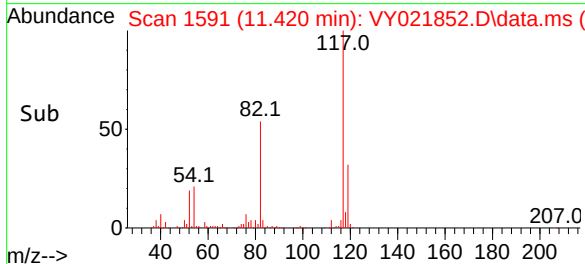
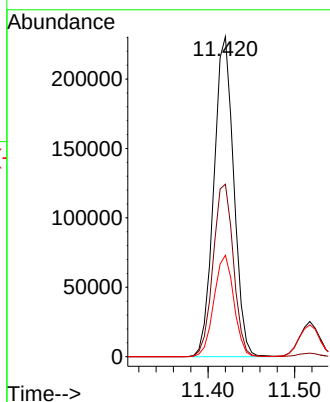
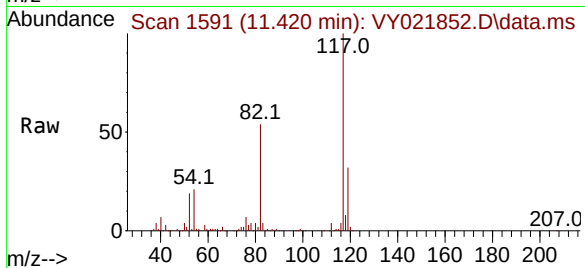




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

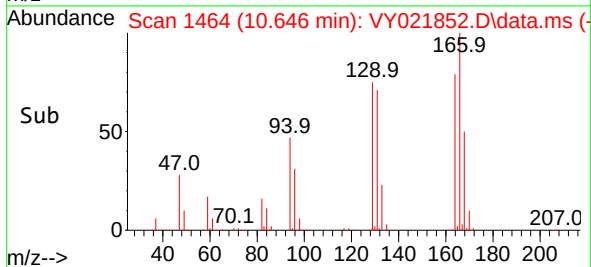
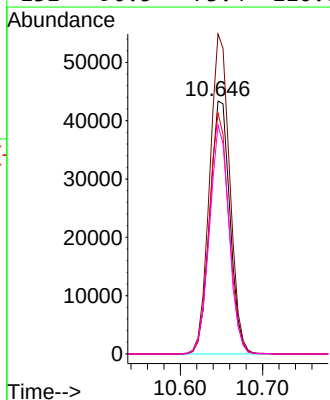
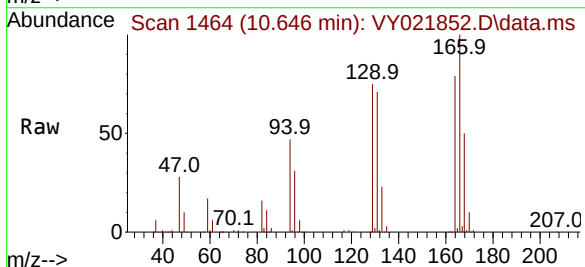
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

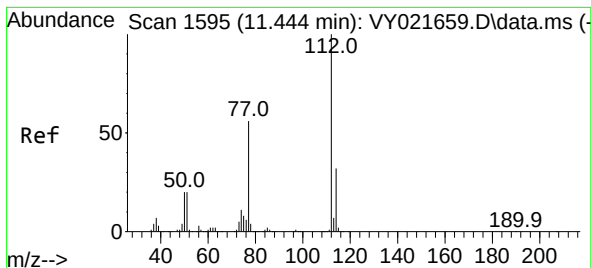
Tgt Ion:117 Resp: 367570
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 22.066 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion:164 Resp: 73872
Ion Ratio Lower Upper
164 100
166 126.6 104.6 156.8
129 95.2 76.6 114.8
131 90.5 73.4 110.0





#65

Chlorobenzene

Concen: 19.790 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

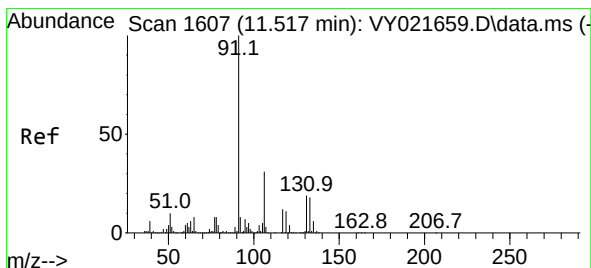
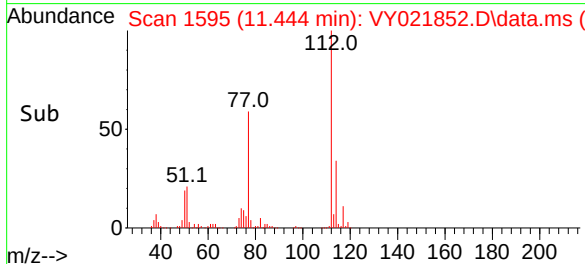
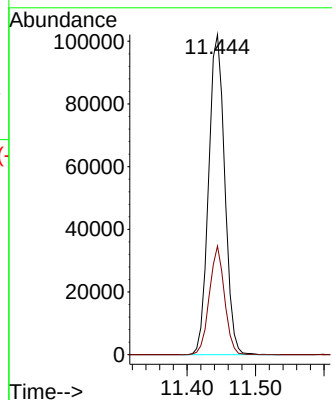
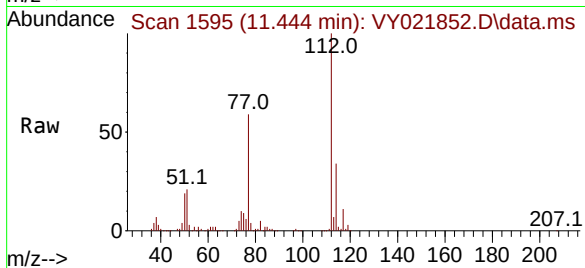
VY0411SBS01

Tgt Ion:112 Resp: 166748

Ion Ratio Lower Upper

112 100

114 34.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.911 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

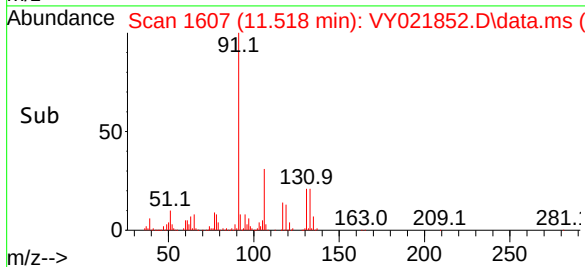
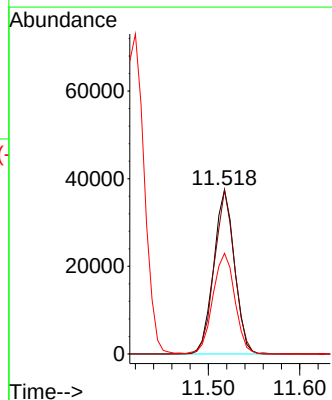
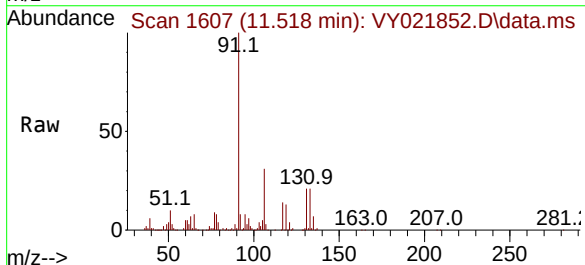
Tgt Ion:131 Resp: 59523

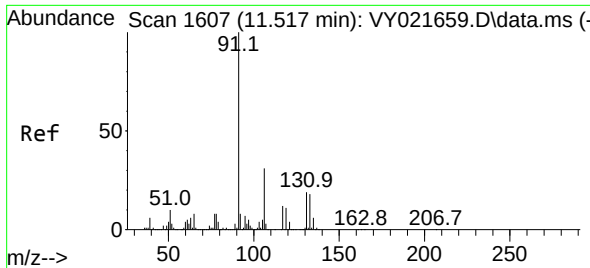
Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.8

119 64.5 31.6 95.0





#67

Ethyl Benzene

Concen: 19.485 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

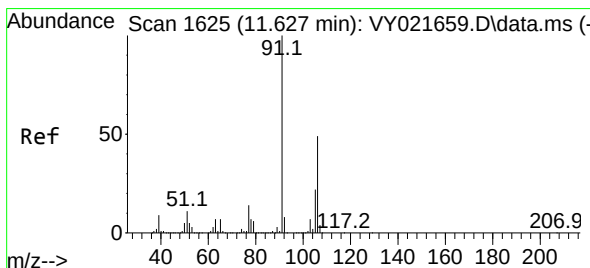
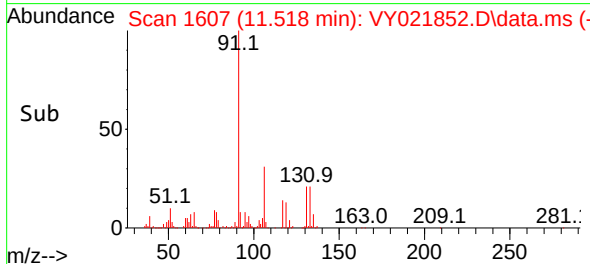
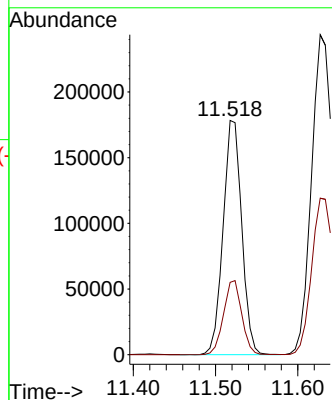
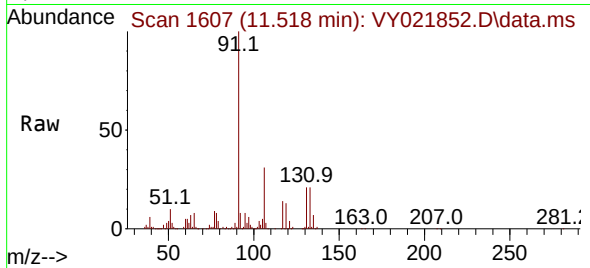
VY0411SBS01

Tgt Ion: 91 Resp: 281537

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 39.468 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021852.D

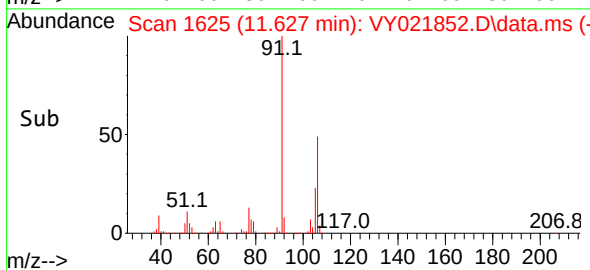
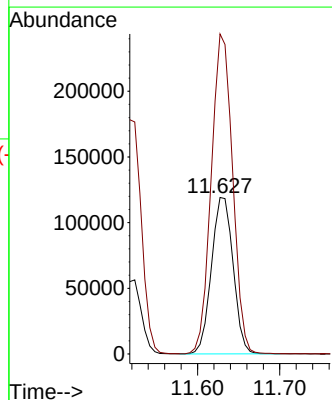
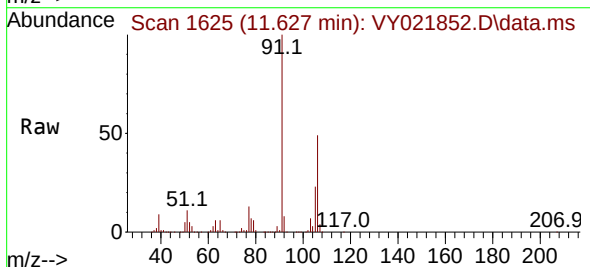
Acq: 11 Apr 2025 12:06

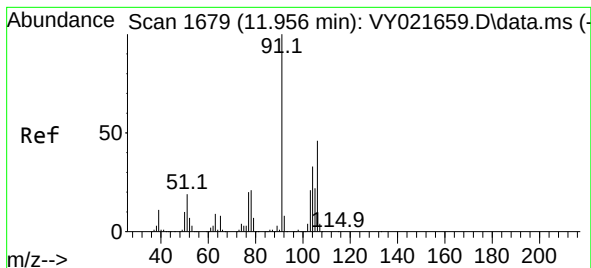
Tgt Ion:106 Resp: 218365

Ion Ratio Lower Upper

106 100

91 202.1 162.4 243.6





#69

o-Xylene

Concen: 19.983 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

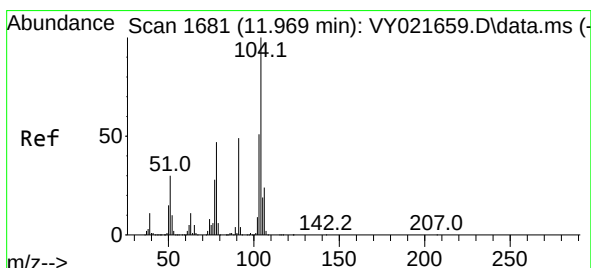
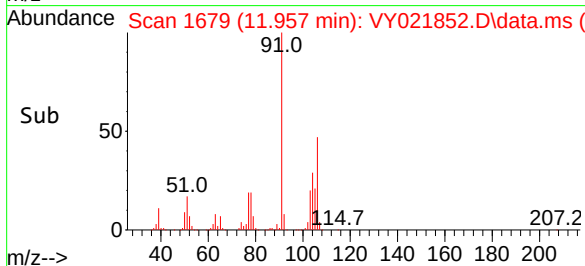
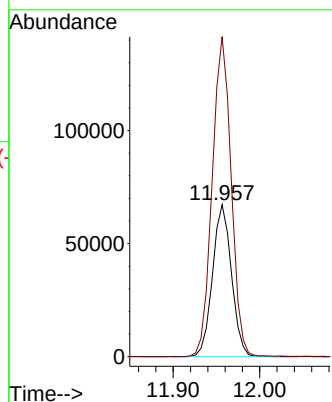
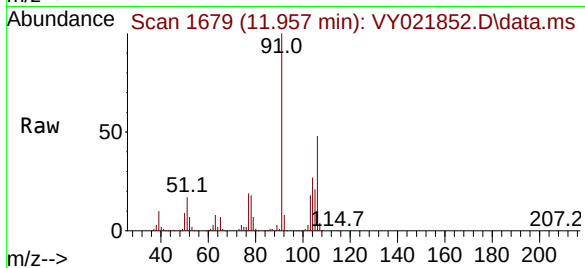
VY0411SBS01

Tgt Ion:106 Resp: 102058

Ion Ratio Lower Upper

106 100

91 211.1 106.7 319.9



#70

Styrene

Concen: 19.785 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

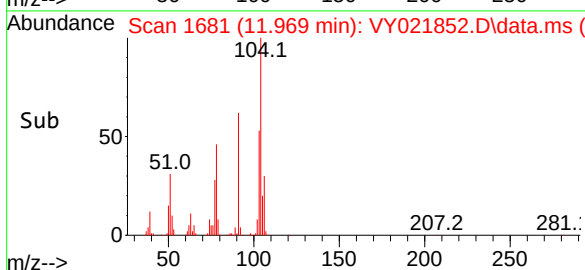
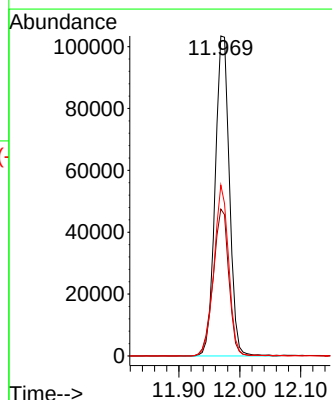
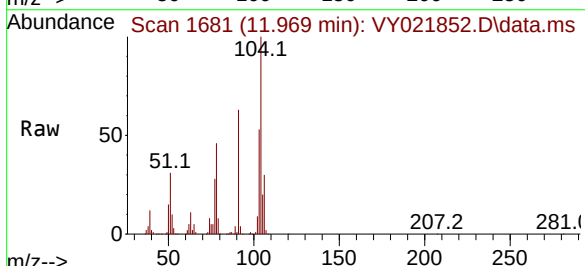
Tgt Ion:104 Resp: 168475

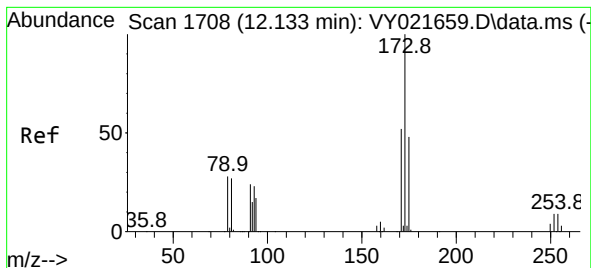
Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 54.8 44.2 66.2





#71

Bromoform

Concen: 20.365 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

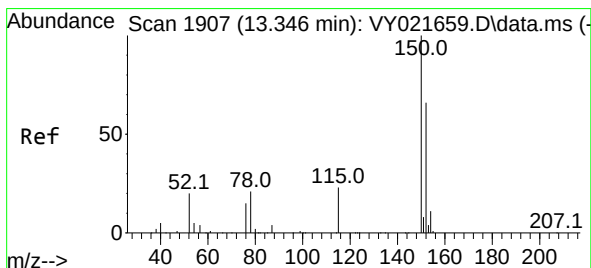
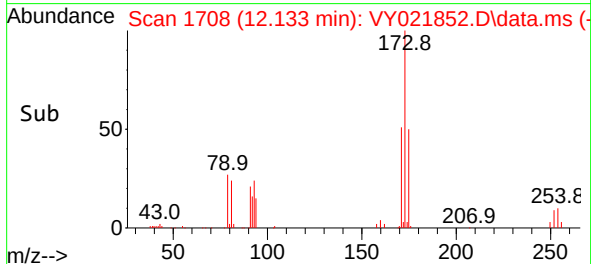
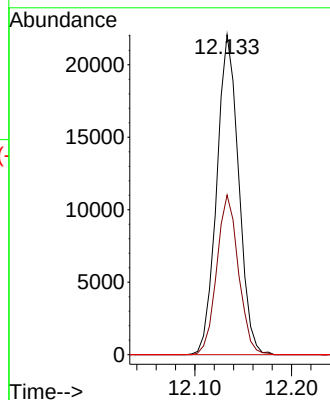
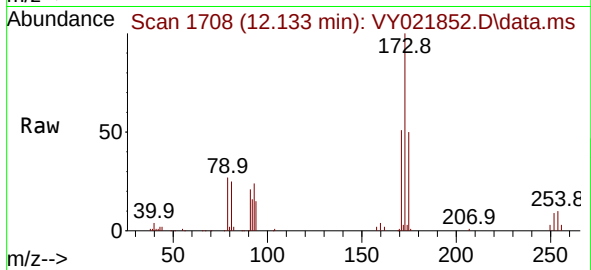
Tgt Ion:173 Resp: 34728

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

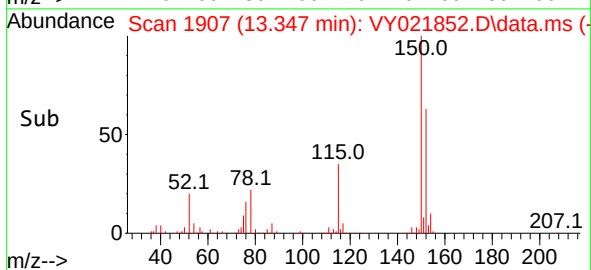
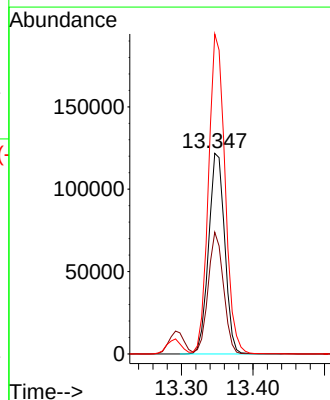
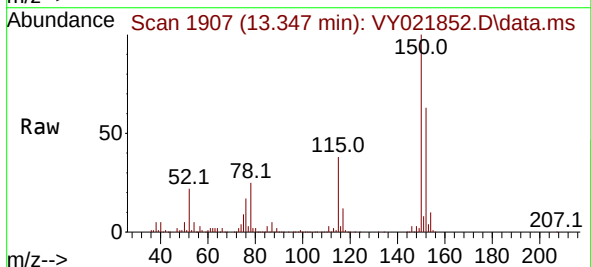
Tgt Ion:152 Resp: 190311

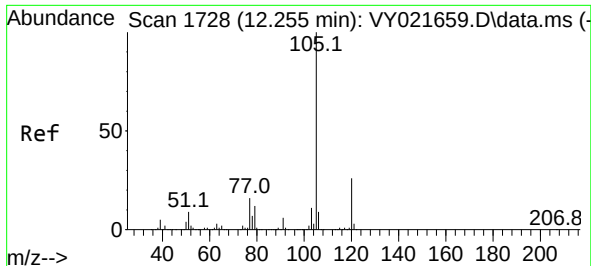
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 163.7 0.0 348.4

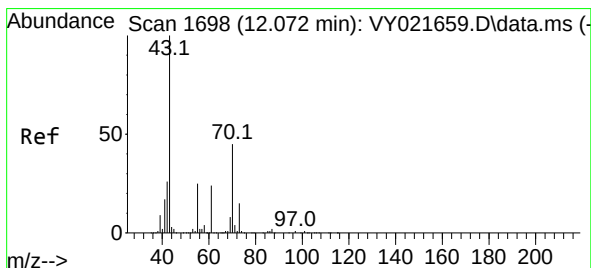
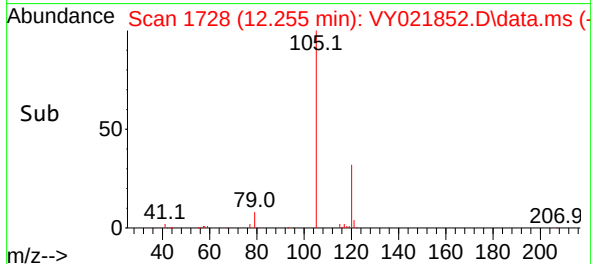
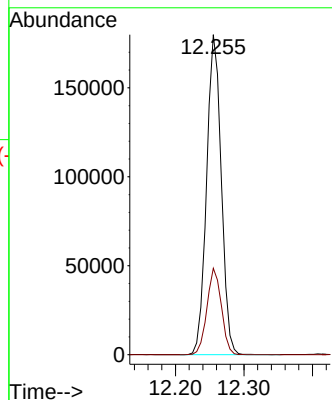
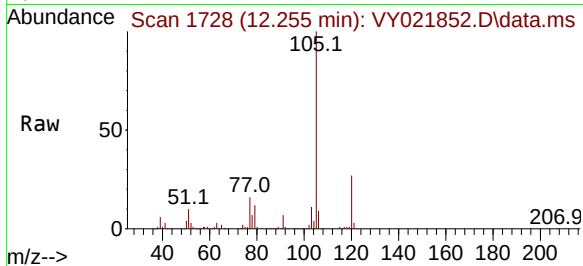




#73
Isopropylbenzene
Concen: 18.950 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

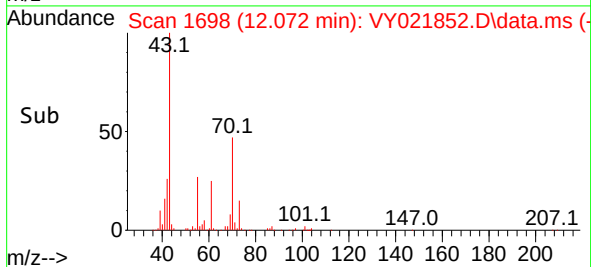
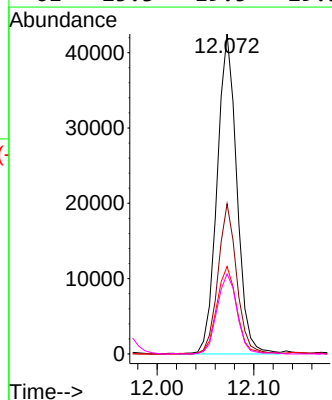
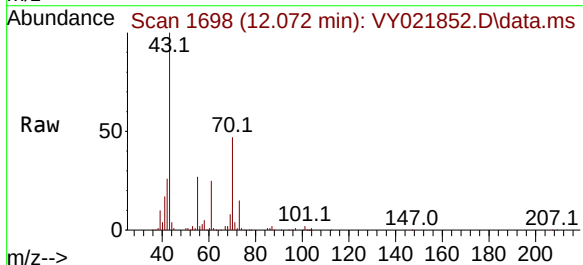
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

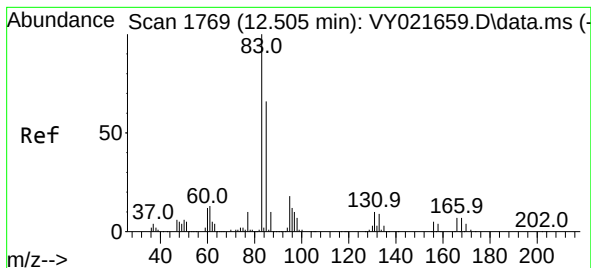
Tgt Ion:105 Resp: 267864
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 18.142 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 43 Resp: 60183
Ion Ratio Lower Upper
43 100
70 44.5 34.7 52.1
55 27.8 21.2 31.8
61 25.3 19.5 29.3

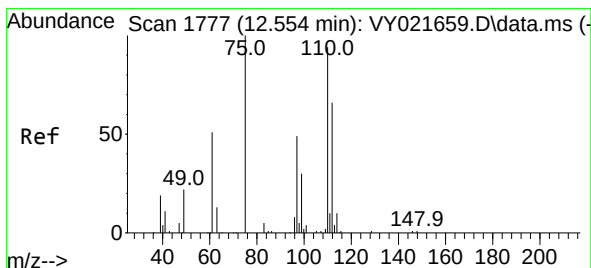
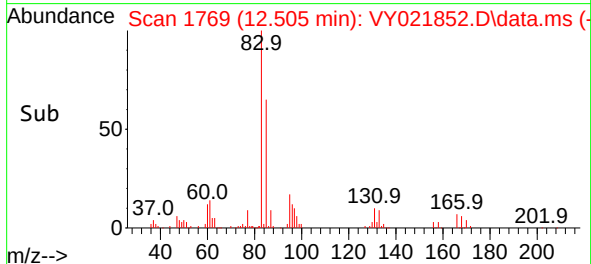
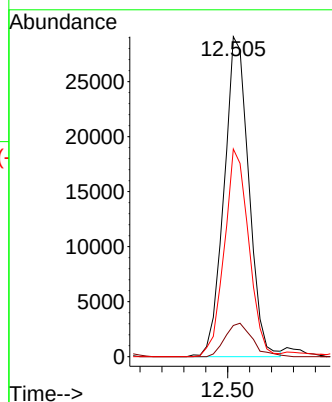
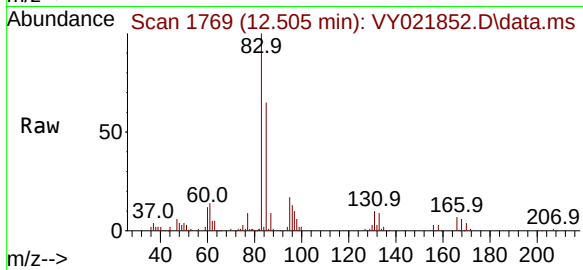




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.935 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

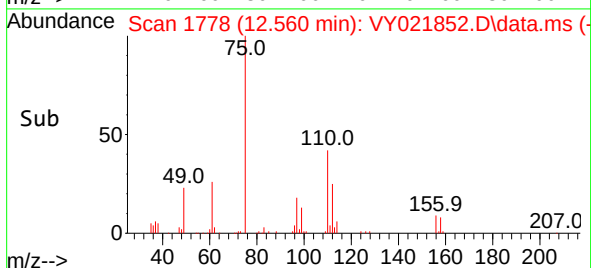
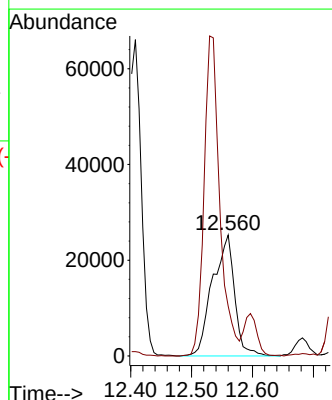
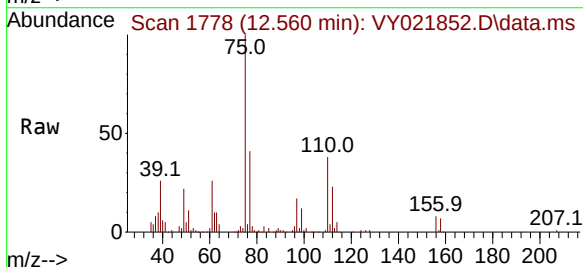
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

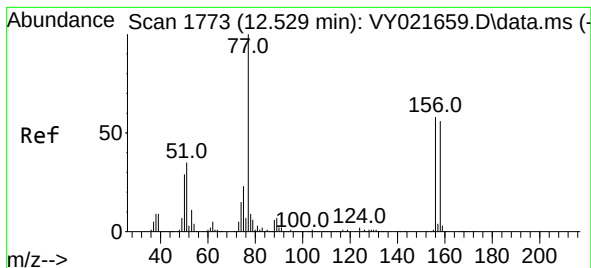
Tgt Ion: 83 Resp: 45580
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.1 15.3
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.832 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 63823
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.220 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

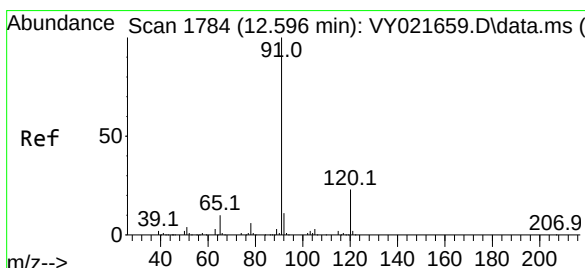
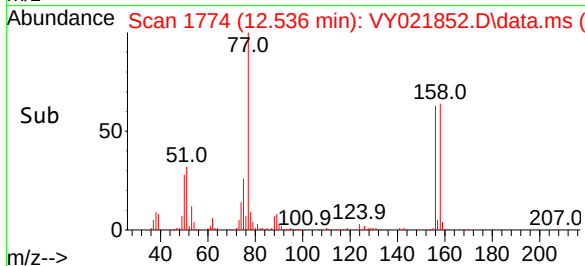
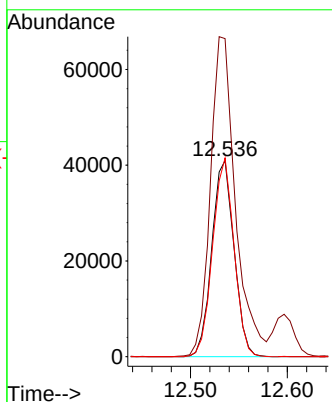
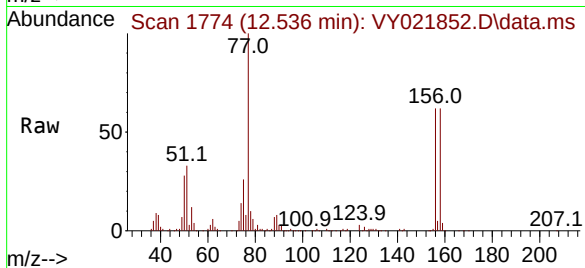
Tgt Ion:156 Resp: 65230

Ion Ratio Lower Upper

156 100

77 184.6 92.8 278.3

158 97.8 48.5 145.6



#78

n-propylbenzene

Concen: 19.215 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021852.D

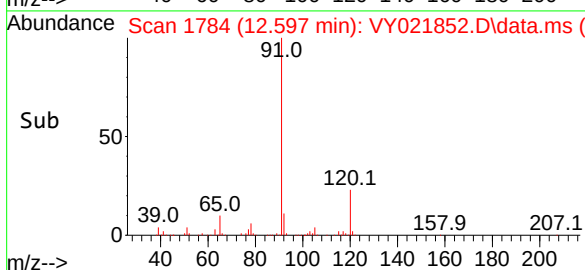
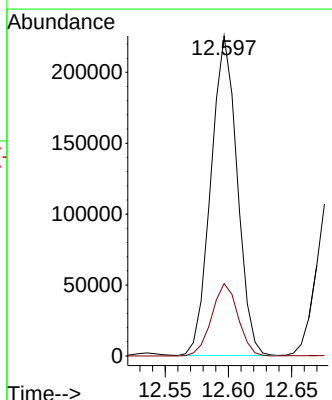
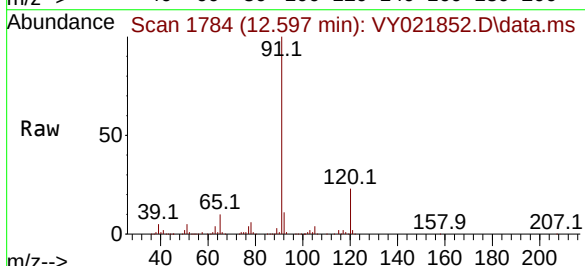
Acq: 11 Apr 2025 12:06

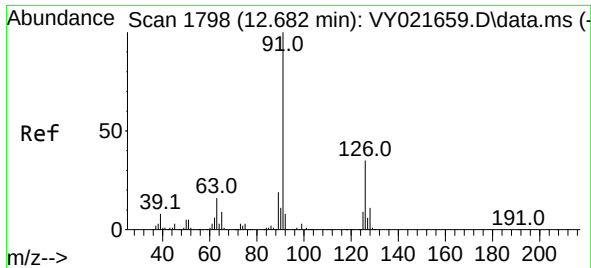
Tgt Ion: 91 Resp: 326537

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

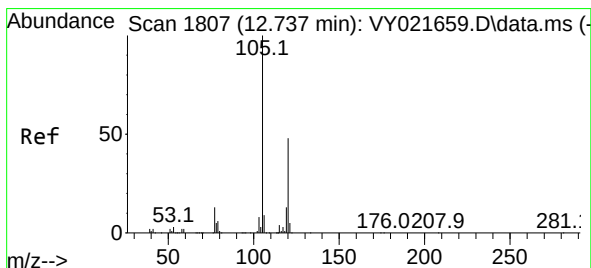
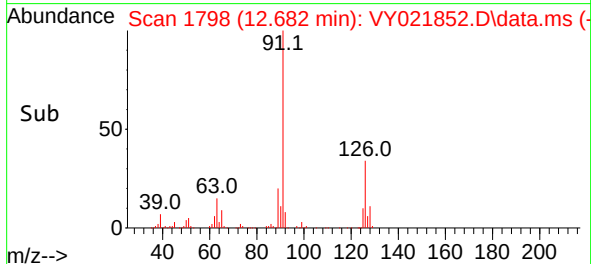
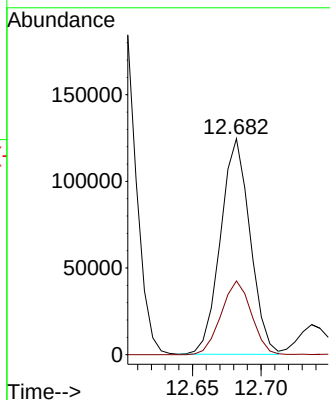
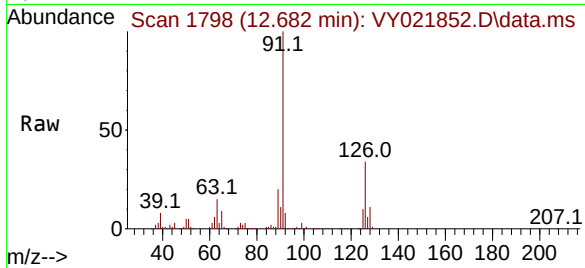




#79
2-Chlorotoluene
Concen: 18.933 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

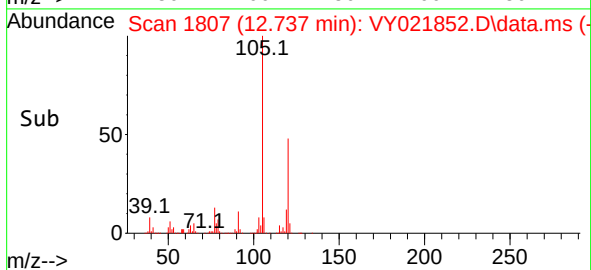
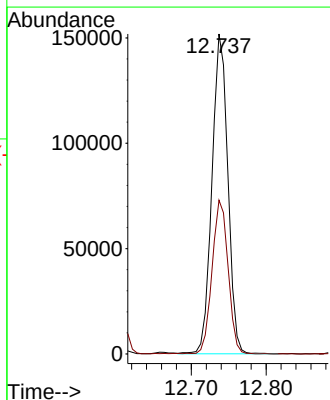
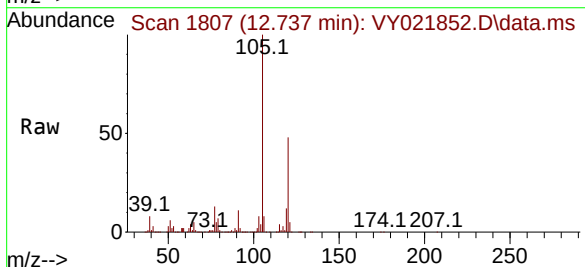
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

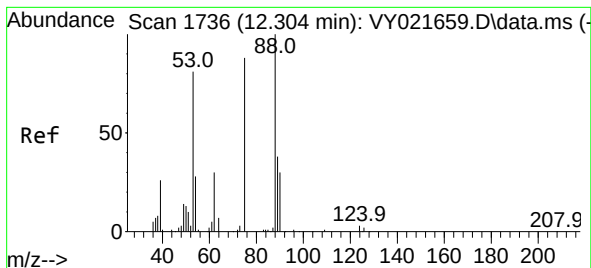
Tgt Ion: 91 Resp: 186879
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.393 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 105 Resp: 224041
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5

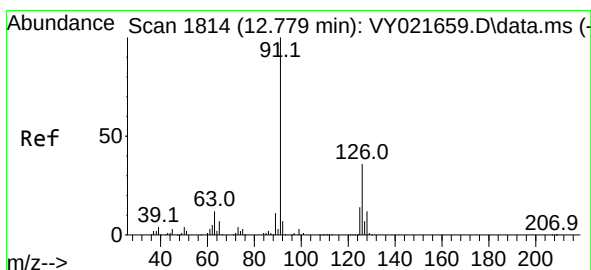
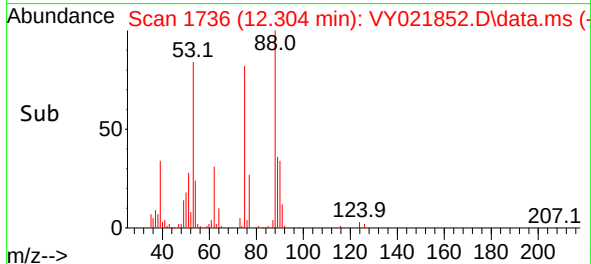
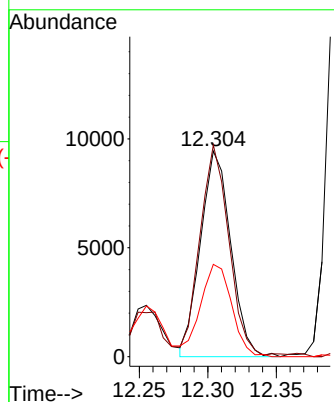
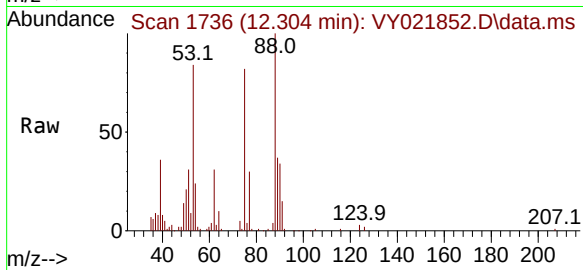




#81
trans-1,4-Dichloro-2-butene
Concen: 17.767 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

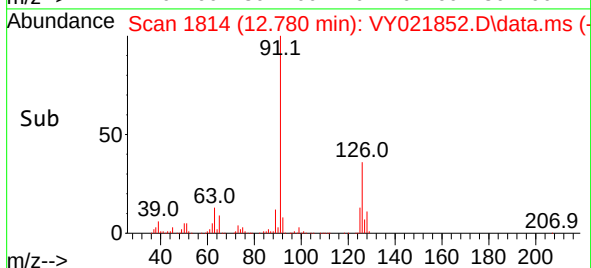
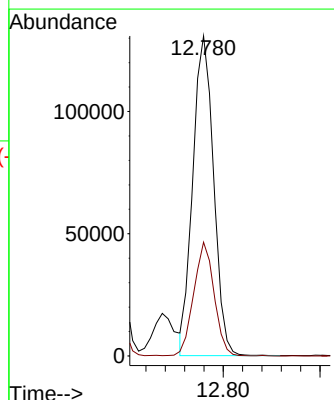
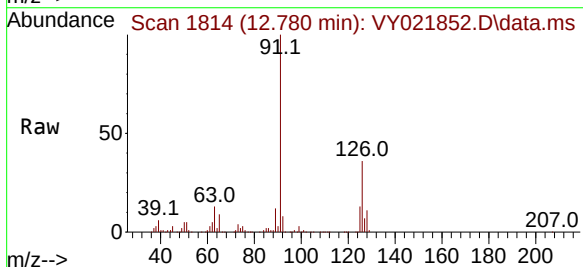
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

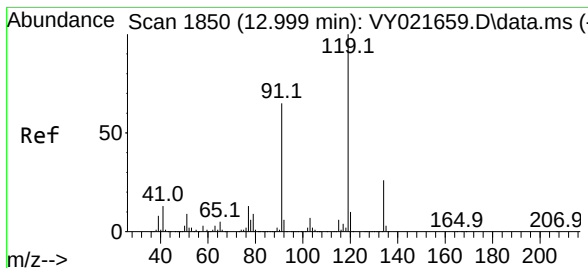
Tgt Ion: 75 Resp: 14546
Ion Ratio Lower Upper
75 100
53 96.1 76.1 114.1
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 18.953 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 91 Resp: 195026
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.809 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

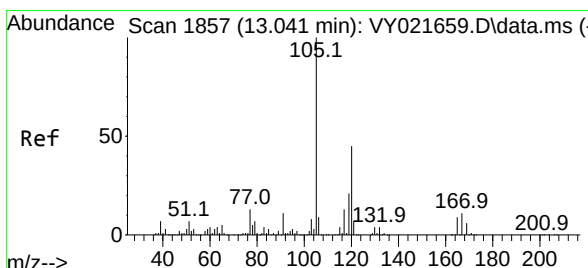
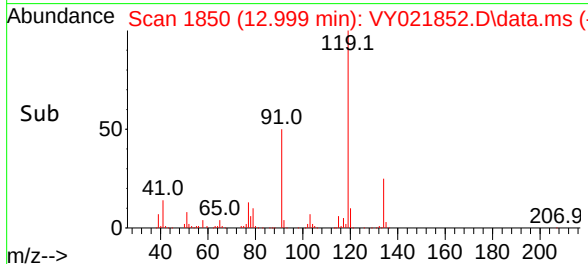
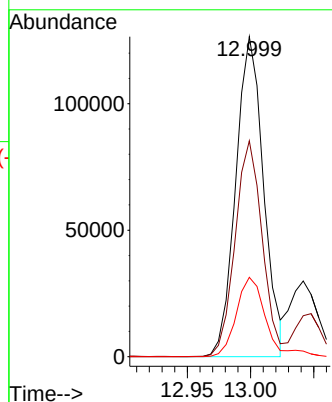
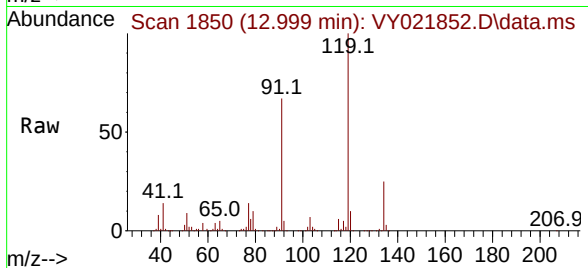
Tgt Ion:119 Resp: 193537

Ion Ratio Lower Upper

119 100

91 65.3 32.6 97.7

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.729 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021852.D

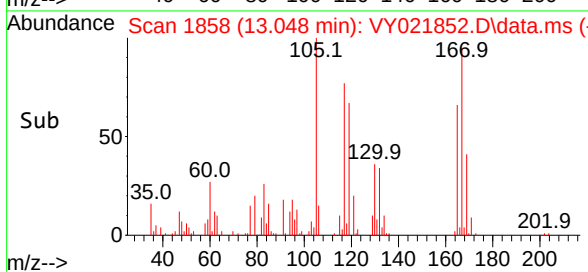
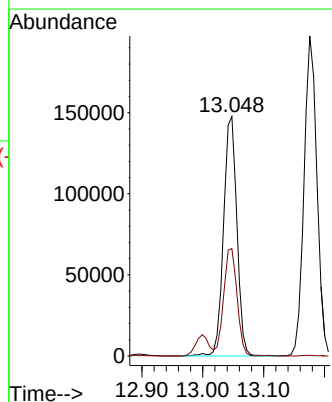
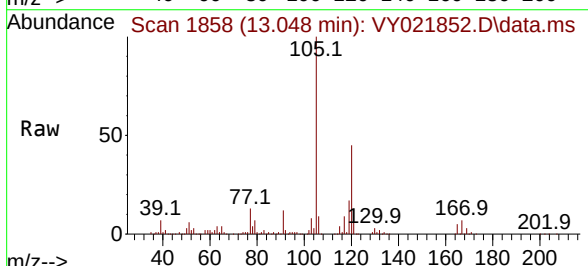
Acq: 11 Apr 2025 12:06

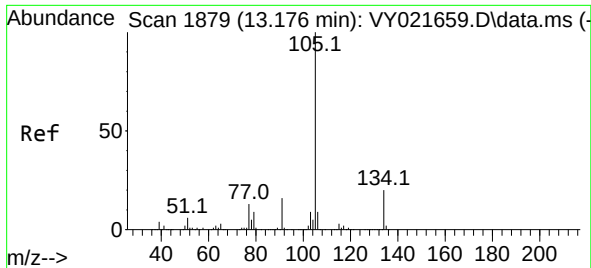
Tgt Ion:105 Resp: 225265

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1

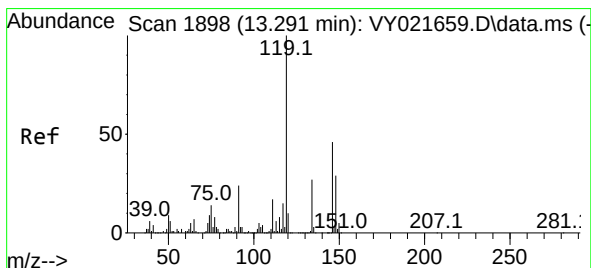
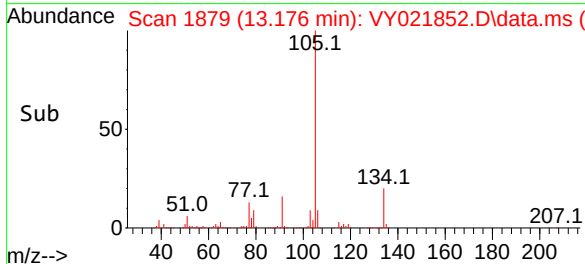
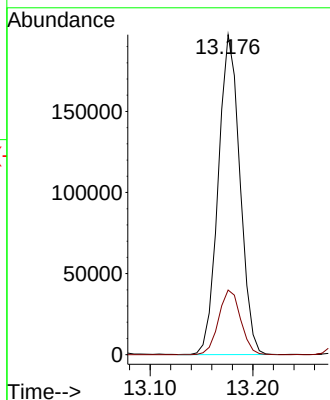
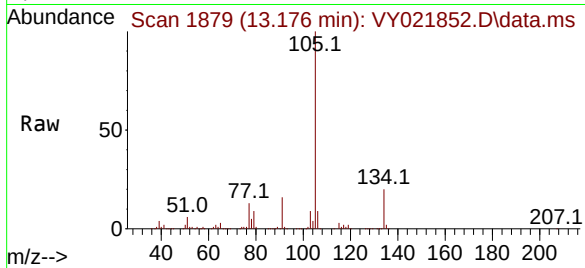




#85
 sec-Butylbenzene
 Concen: 19.183 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

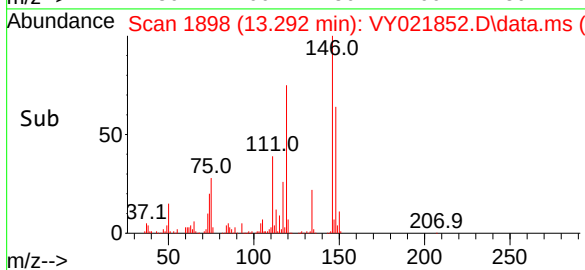
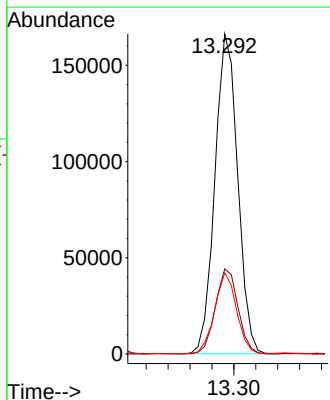
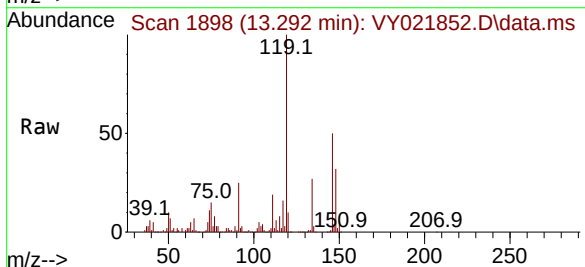
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

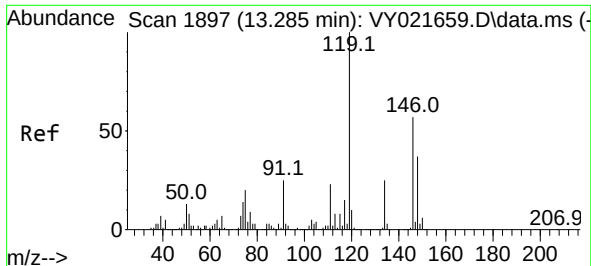
Tgt Ion:105 Resp: 288462
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.314 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion:119 Resp: 240050
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.2 12.0 36.0

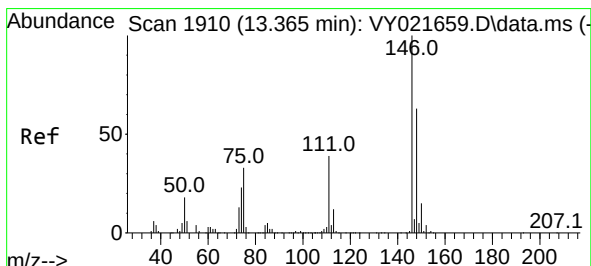
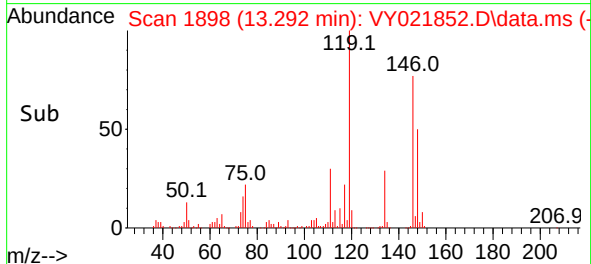
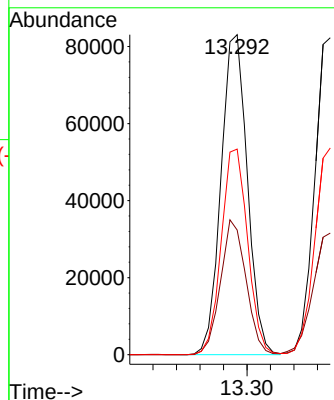
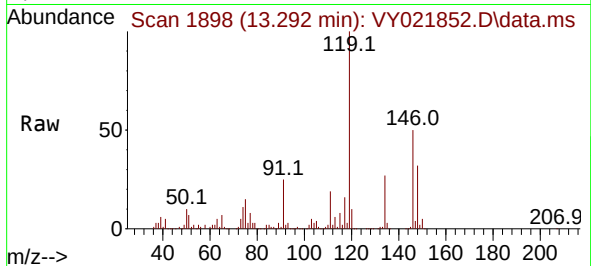




#87
 1,3-Dichlorobenzene
 Concen: 19.367 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

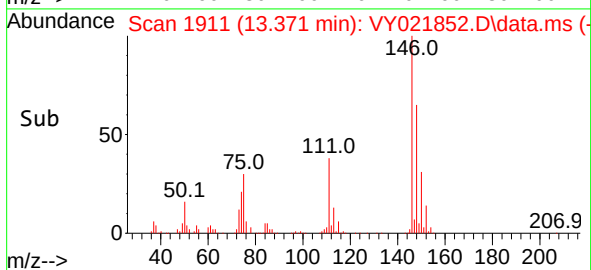
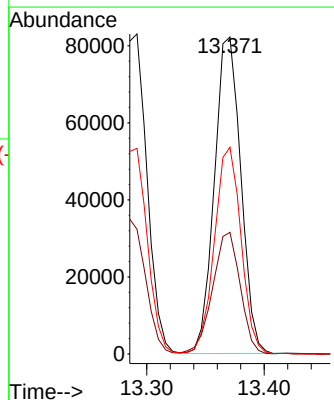
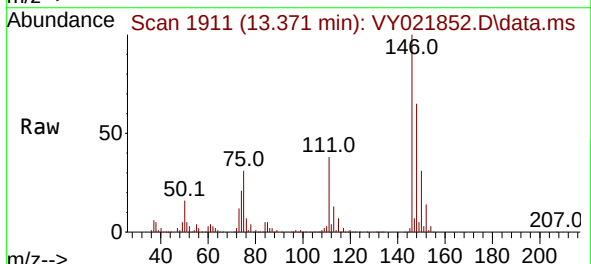
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

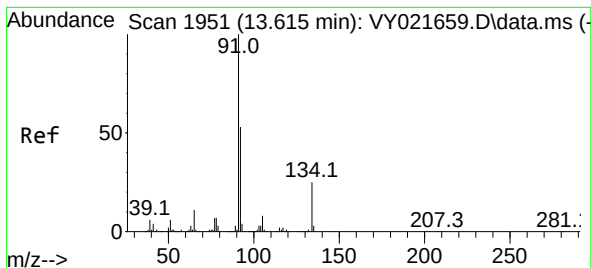
Tgt Ion:146 Resp: 129499
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 64.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.473 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY021852.D
 Acq: 11 Apr 2025 12:06

Tgt Ion:146 Resp: 128644
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.1
 148 65.9 31.5 94.5





#89

n-Butylbenzene

Concen: 18.762 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

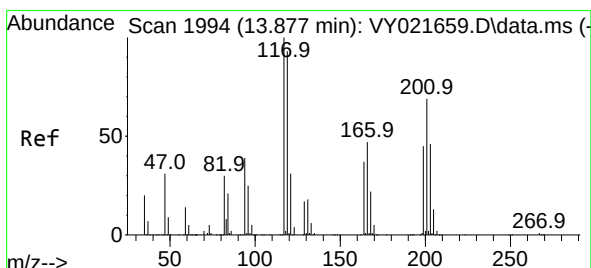
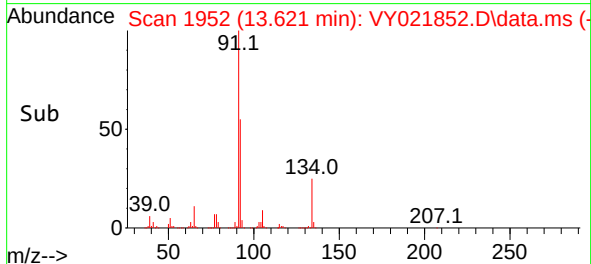
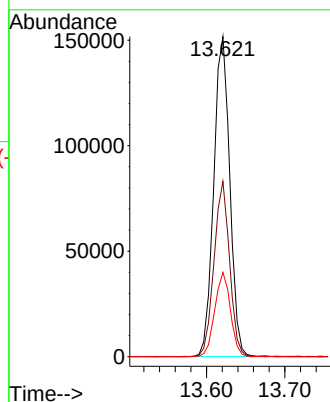
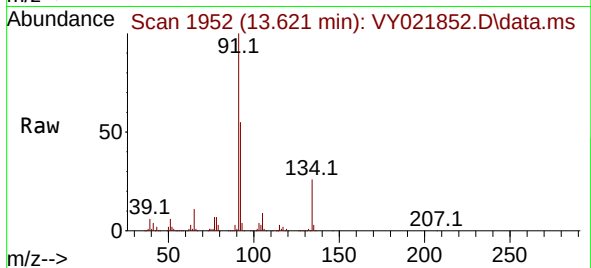
Tgt Ion: 91 Resp: 215648

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 25.7 12.8 38.4



#90

Hexachloroethane

Concen: 18.730 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021852.D

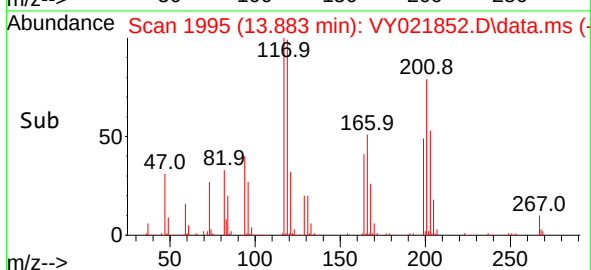
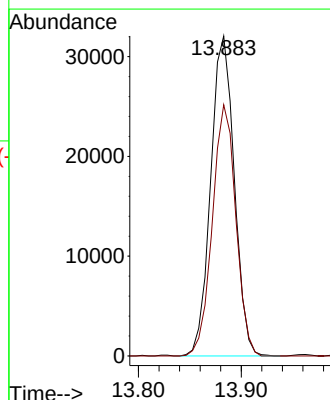
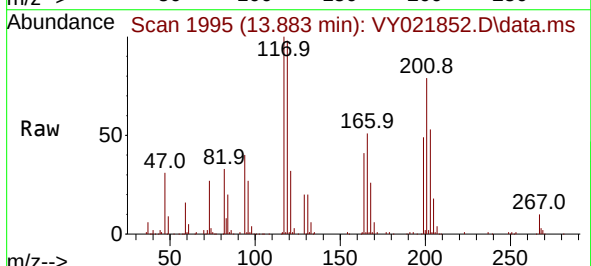
Acq: 11 Apr 2025 12:06

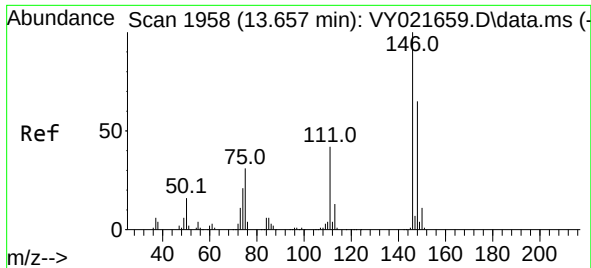
Tgt Ion: 117 Resp: 51012

Ion Ratio Lower Upper

117 100

201 78.1 37.4 112.1

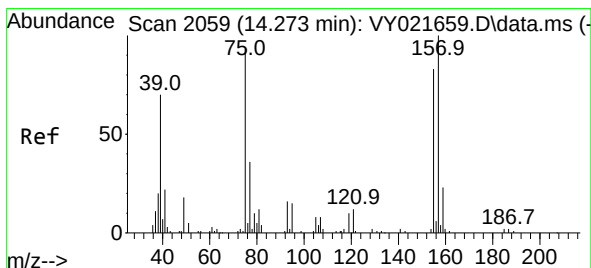
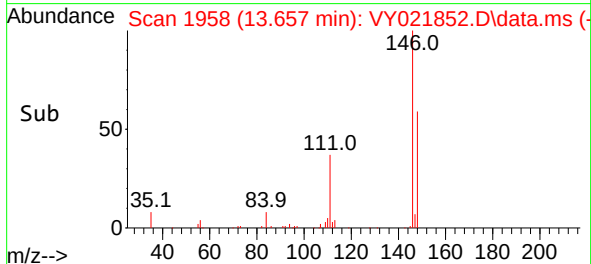
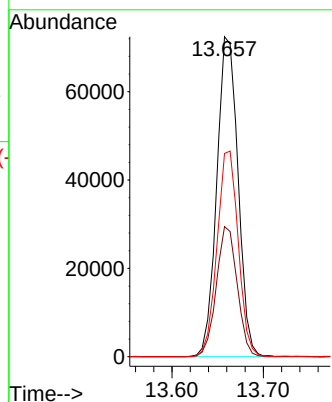
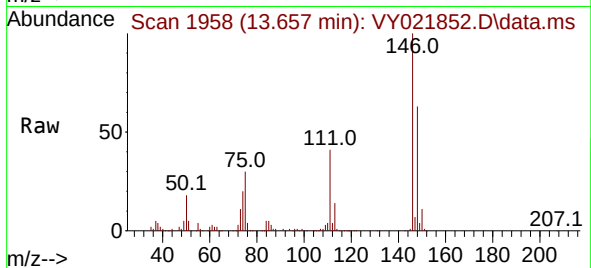




#91
1,2-Dichlorobenzene
Concen: 20.123 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

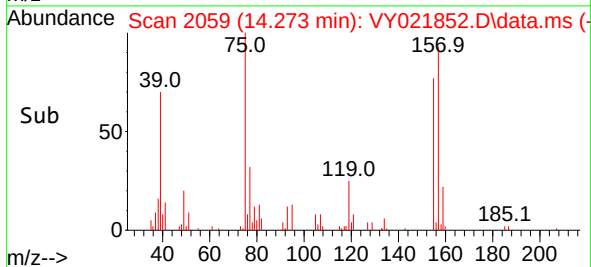
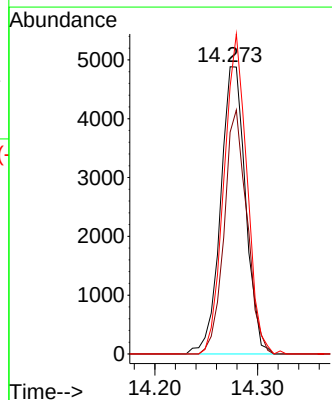
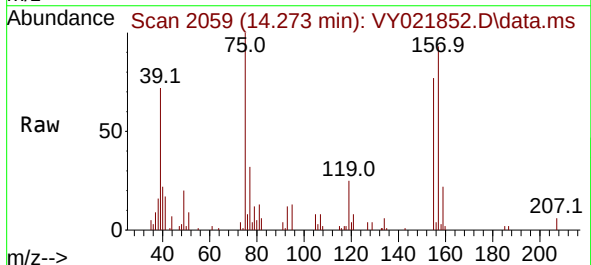
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBS01

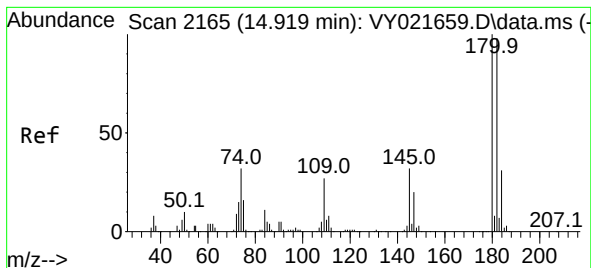
Tgt Ion:146 Resp: 117128
Ion Ratio Lower Upper
146 100
111 40.0 20.7 62.1
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.907 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021852.D
Acq: 11 Apr 2025 12:06

Tgt Ion: 75 Resp: 8235
Ion Ratio Lower Upper
75 100
155 77.3 43.0 128.8
157 102.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.147 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

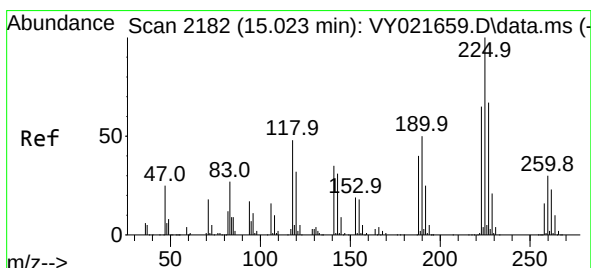
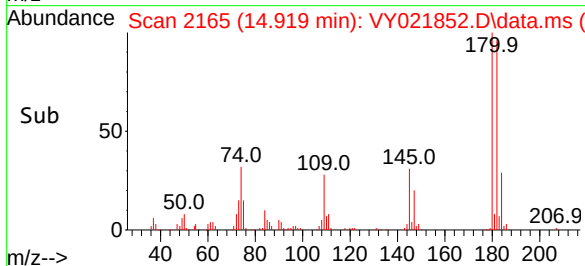
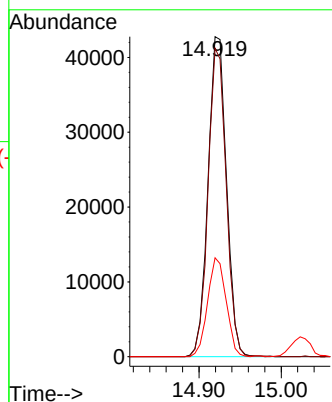
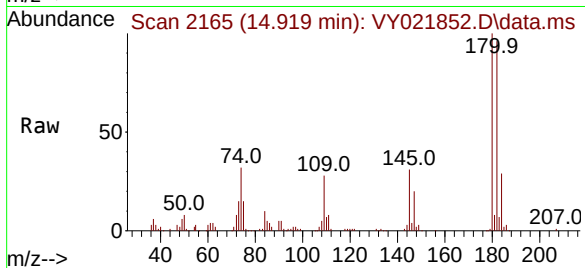
Tgt Ion:180 Resp: 66752

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 31.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.822 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

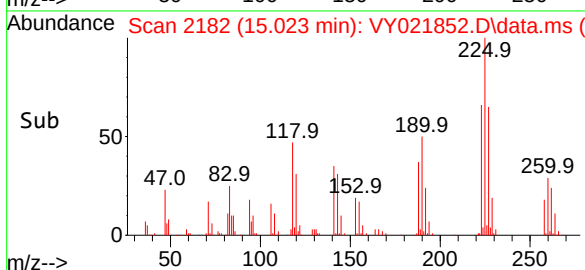
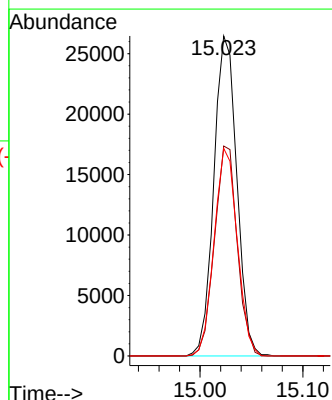
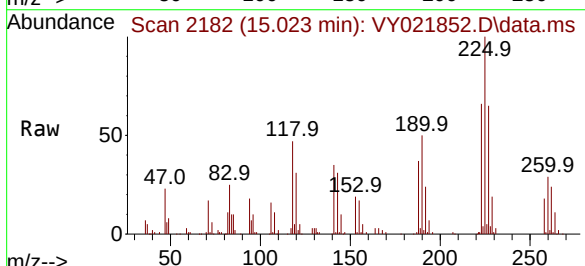
Tgt Ion:225 Resp: 41048

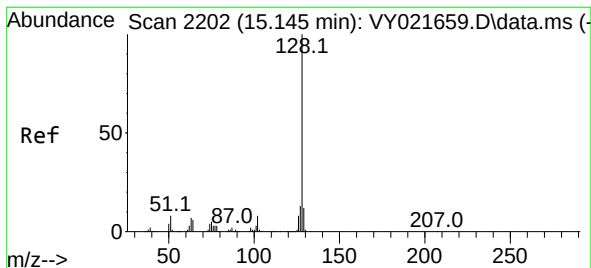
Ion Ratio Lower Upper

225 100

223 64.9 31.9 95.7

227 65.4 32.4 97.0





#95

Naphthalene

Concen: 20.792 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBS01

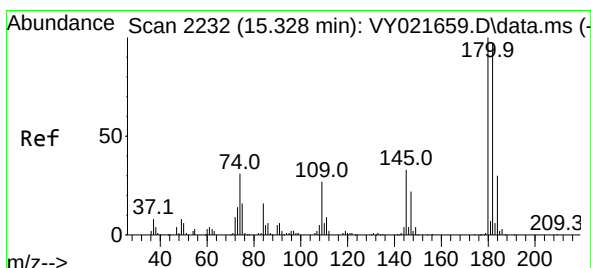
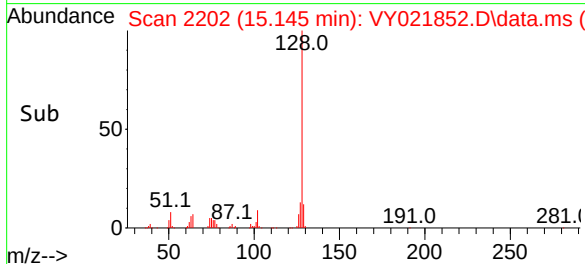
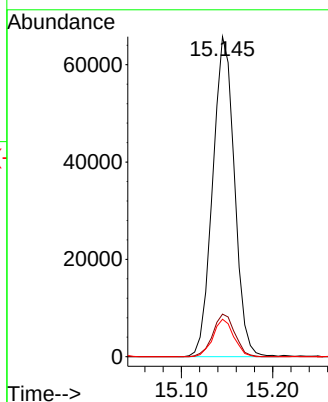
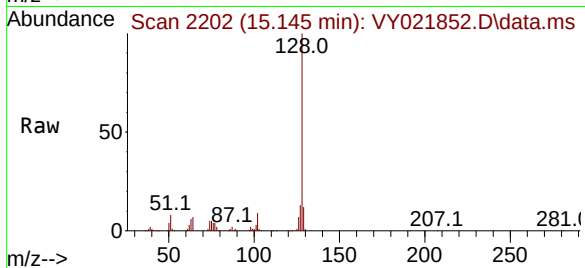
Tgt Ion:128 Resp: 108783

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.402 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021852.D

Acq: 11 Apr 2025 12:06

Tgt Ion:180 Resp: 57607

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 32.3 15.9 47.7

