

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021779.D
 Acq On : 04 Apr 2025 10:49
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Quant Time: Apr 04 23:38:59 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	222129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	342162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	299516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119747	49.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.634	113	115582	52.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.103	98	437387	51.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.408	95	145713	51.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	42153	18.309	ug/l	98
3) Chloromethane	2.068	50	59338	18.329	ug/l	98
4) Vinyl Chloride	2.202	62	66651	18.205	ug/l	98
5) Bromomethane	2.592	94	47838	19.158	ug/l	96
6) Chloroethane	2.732	64	44266	18.477	ug/l	99
7) Trichlorofluoromethane	3.056	101	86996	18.549	ug/l	97
8) Diethyl Ether	3.458	74	23057	18.078	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	47581	19.235	ug/l	98
10) Methyl Iodide	4.000	142	47402	17.468	ug/l	99
11) Tert butyl alcohol	4.872	59	13129	83.987	ug/l	96
12) 1,1-Dichloroethene	3.787	96	43256	18.565	ug/l	94
13) Acrolein	3.653	56	17313	60.655	ug/l	95
14) Allyl chloride	4.385	41	67244	18.101	ug/l	99
15) Acrylonitrile	5.055	53	47972	90.082	ug/l	99
16) Acetone	3.872	43	39791	80.784	ug/l	96
17) Carbon Disulfide	4.104	76	136817	17.828	ug/l	99
18) Methyl Acetate	4.378	43	21903	17.942	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	102651	17.696	ug/l	97
20) Methylene Chloride	4.610	84	48920	17.807	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	47181	18.392	ug/l	94
22) Diisopropyl ether	6.018	45	146004	18.736	ug/l	97
23) Vinyl Acetate	5.957	43	405658	88.983	ug/l	100
24) 1,1-Dichloroethane	5.909	63	87235	18.721	ug/l	99
25) 2-Butanone	6.896	43	59419	84.459	ug/l	99
26) 2,2-Dichloropropane	6.884	77	77434	18.682	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	53338	18.489	ug/l	99
28) Bromochloromethane	7.244	49	38032	19.353	ug/l	99
29) Tetrahydrofuran	7.262	42	39739	87.766	ug/l	99
30) Chloroform	7.421	83	90247	18.621	ug/l	98
31) Cyclohexane	7.701	56	75857	17.858	ug/l #	94
32) 1,1,1-Trichloroethane	7.616	97	83924	19.159	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66042	19.535	ug/l	99
37) Ethyl Acetate	6.982	43	29052	18.209	ug/l	99
38) Carbon Tetrachloride	7.817	117	75873	19.595	ug/l	98
39) Methylcyclohexane	9.109	83	74878	18.540	ug/l	97
40) Benzene	8.079	78	193271	19.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	11507	13.580	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	54392	19.057	ug/l	100
43) Isopropyl Acetate	8.195	43	54667	18.080	ug/l	99
44) Trichloroethene	8.865	130	50130	19.433	ug/l	98
45) 1,2-Dichloropropane	9.140	63	46400	19.361	ug/l	100
46) Dibromomethane	9.231	93	25939	18.781	ug/l	98
47) Bromodichloromethane	9.420	83	69458	19.408	ug/l	99
48) Methyl methacrylate	9.219	41	25306	18.236	ug/l	97
49) 1,4-Dioxane	9.231	88	5687	384.365	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	141751	90.088	ug/l	99
52) Toluene	10.170	92	119838	18.972	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	59854	18.829	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	69651	18.573	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	34633	19.485	ug/l	99
56) Ethyl methacrylate	10.438	69	40910	18.026	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57918	18.868	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	105979	95.722	ug/l	100
59) 2-Hexanone	10.761	43	92448	88.221	ug/l	98
60) Dibromochloromethane	10.908	129	46610	19.207	ug/l	99
61) 1,2-Dibromoethane	11.011	107	31579	18.940	ug/l	99
64) Tetrachloroethene	10.646	164	55676	20.410	ug/l	99
65) Chlorobenzene	11.444	112	131622	19.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	46936	19.267	ug/l	99
67) Ethyl Benzene	11.517	91	223644	18.996	ug/l	99
68) m/p-Xylenes	11.627	106	173569	38.499	ug/l	99
69) o-Xylene	11.956	106	78213	18.794	ug/l	98
70) Styrene	11.969	104	132607	19.111	ug/l	99
71) Bromoform	12.133	173	27344	19.678	ug/l #	99
73) Isopropylbenzene	12.255	105	211355	18.722	ug/l	100
74) N-amyl acetate	12.072	43	45960	17.347	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36248	17.859	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	49009	32.529	ug/l #	100
77) Bromobenzene	12.529	156	50842	18.757	ug/l	99
78) n-propylbenzene	12.597	91	259575	19.126	ug/l	100
79) 2-Chlorotoluene	12.676	91	149376	18.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	174371	18.899	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11725	17.932	ug/l	98
82) 4-Chlorotoluene	12.779	91	156430	19.034	ug/l	100
83) tert-Butylbenzene	12.999	119	154652	18.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	173659	19.044	ug/l	99
85) sec-Butylbenzene	13.176	105	231681	19.291	ug/l	100
86) p-Isopropyltoluene	13.291	119	190946	19.237	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	102012	19.103	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	99610	18.879	ug/l	97
89) n-Butylbenzene	13.615	91	171547	18.688	ug/l	99
90) Hexachloroethane	13.877	117	41020	18.858	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	89545	19.263	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5695	18.104	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	46354	18.388	ug/l	99
94) Hexachlorobutadiene	15.023	225	30099	19.118	ug/l	99
95) Naphthalene	15.145	128	71772	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39094	18.186	ug/l	99

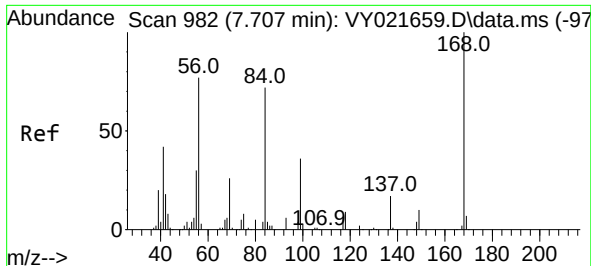
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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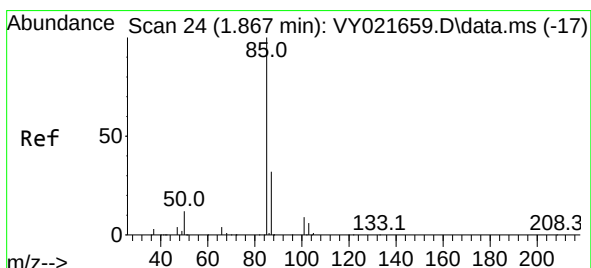
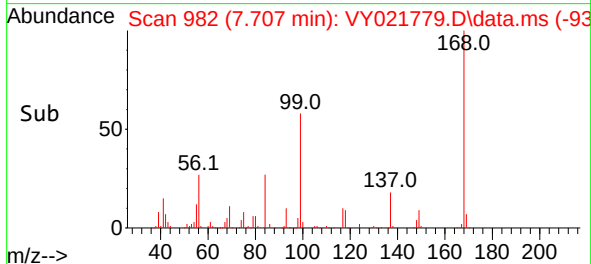
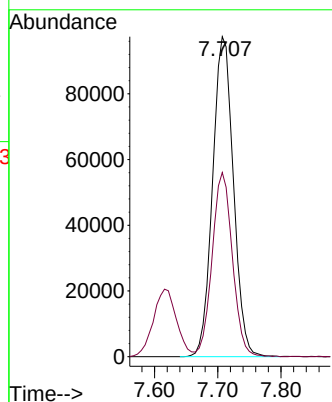
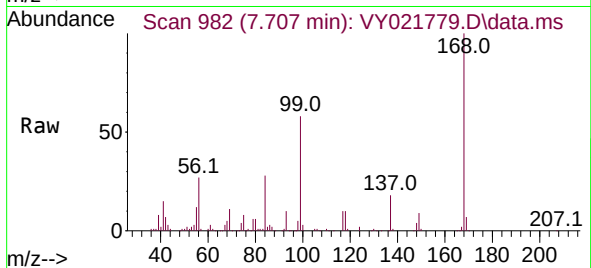
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

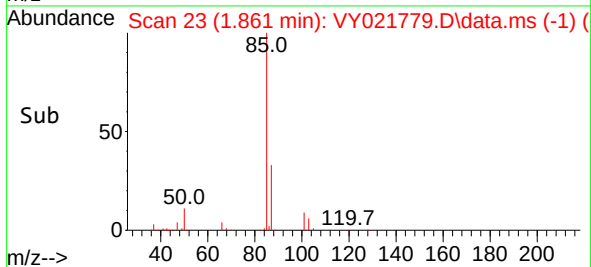
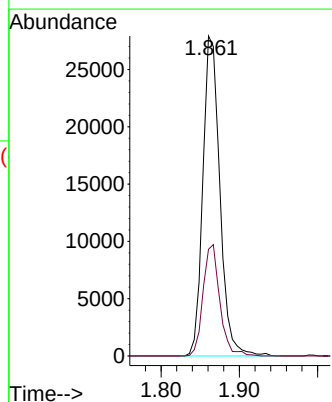
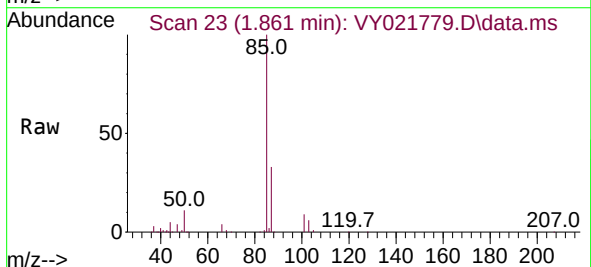
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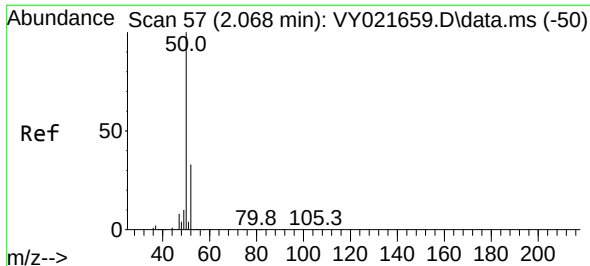
Tgt Ion:168 Resp: 222129
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.309 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 85 Resp: 42153
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6

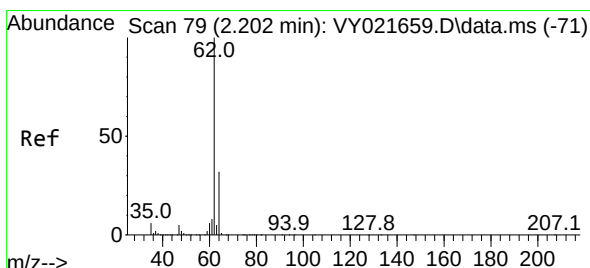
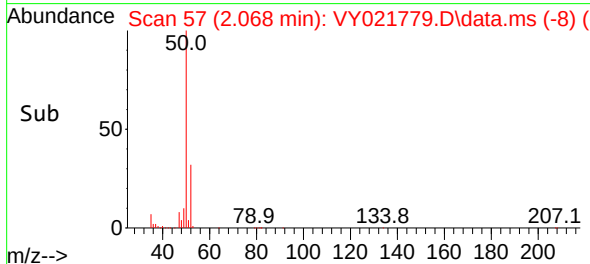
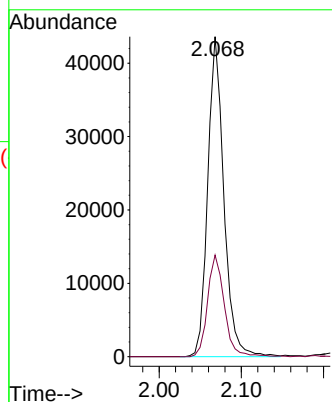
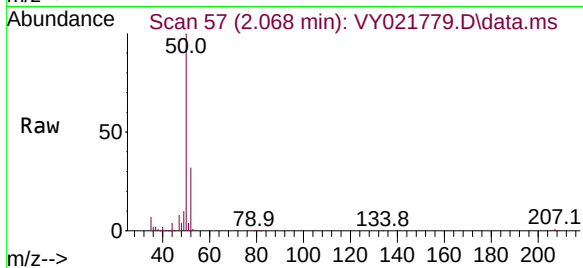




#3
Chloromethane
Concen: 18.329 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

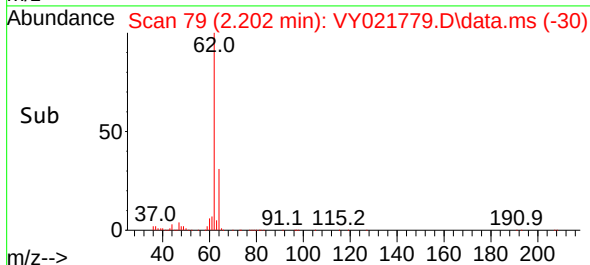
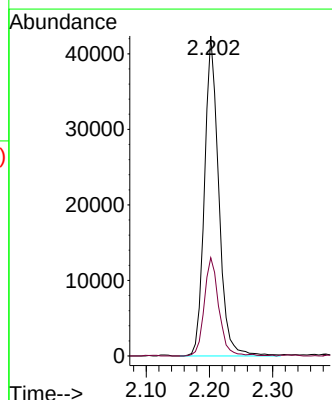
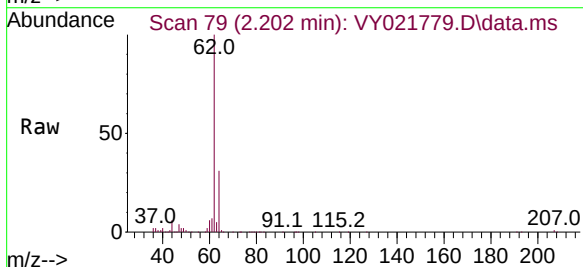
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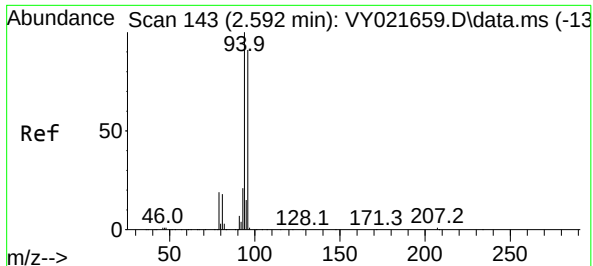
Tgt Ion: 50 Resp: 59338
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5



#4
Vinyl Chloride
Concen: 18.205 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 62 Resp: 66651
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

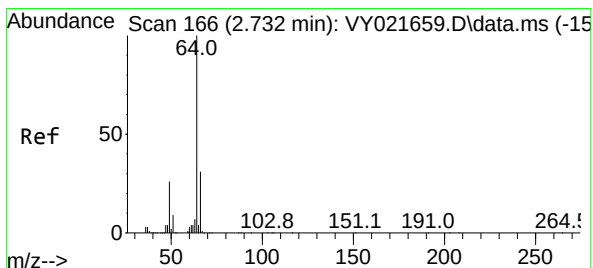
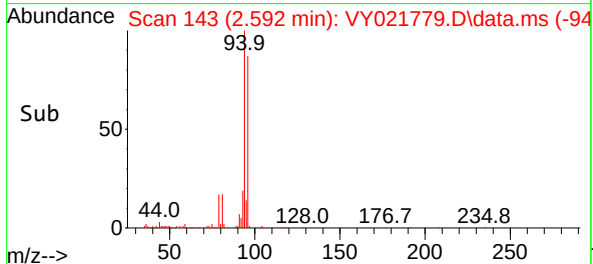
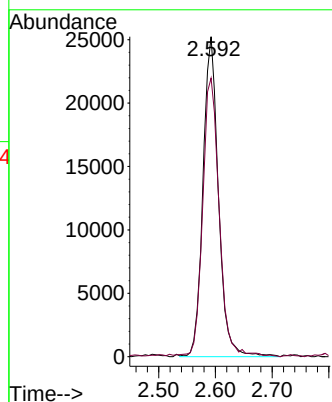
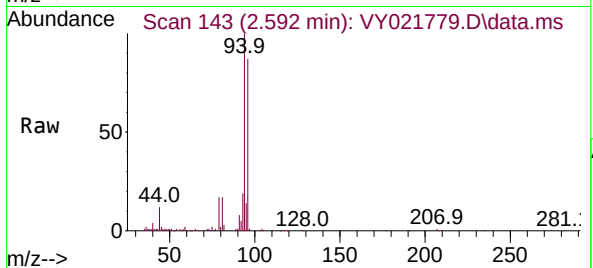




#5
Bromomethane
Concen: 19.158 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

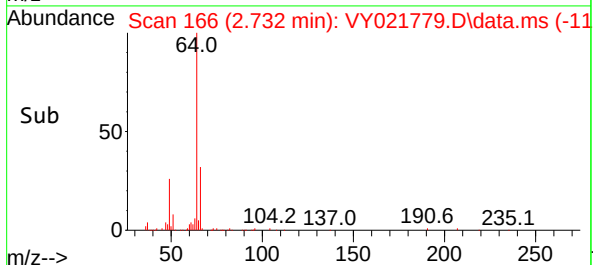
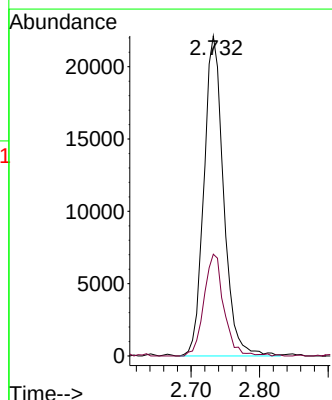
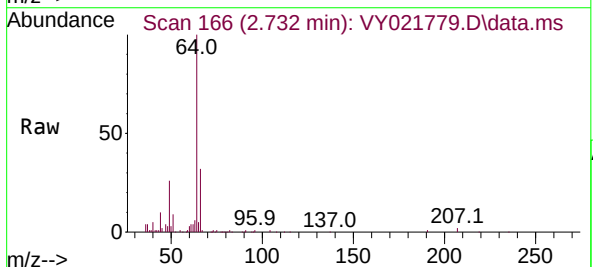
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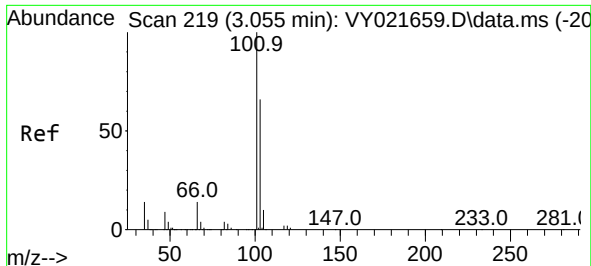
Tgt Ion: 94 Resp: 47838
Ion Ratio Lower Upper
94 100
96 87.0 72.8 109.2



#6
Chloroethane
Concen: 18.477 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 64 Resp: 44266
Ion Ratio Lower Upper
64 100
66 31.8 24.9 37.3

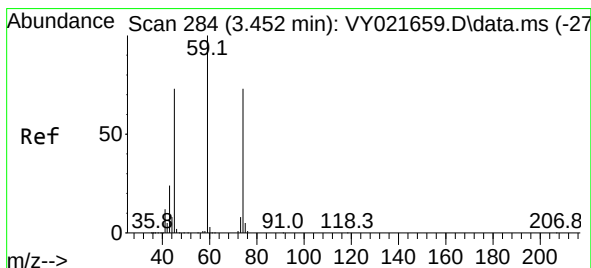
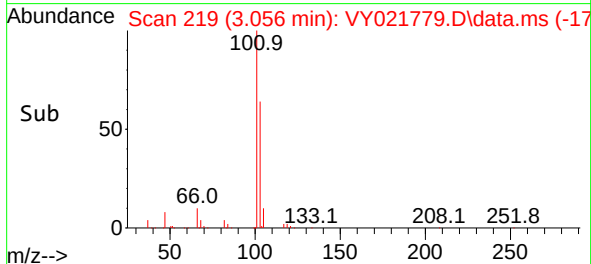
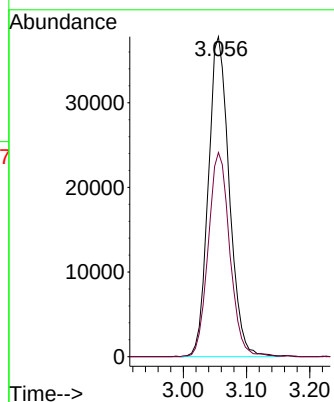
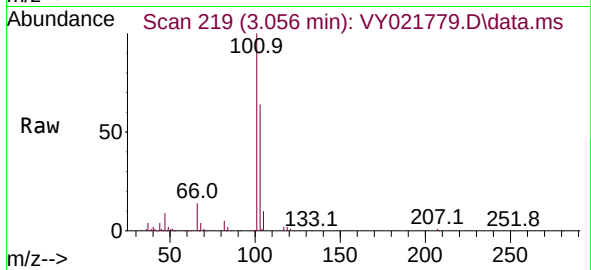




#7
 Trichlorofluoromethane
 Concen: 18.549 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021779.D
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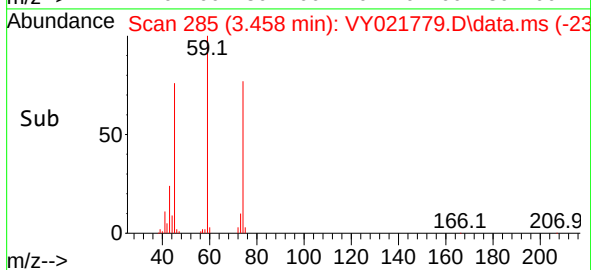
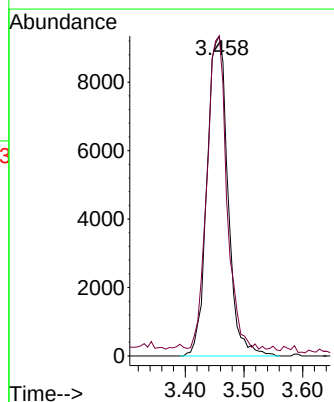
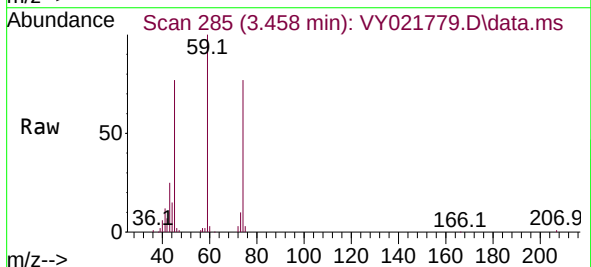
Instrument :
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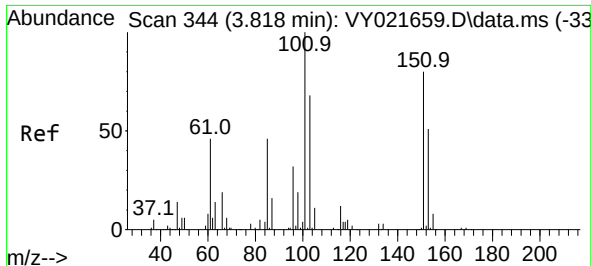
Tgt Ion:101 Resp: 86996
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.078 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion: 74 Resp: 23057
 Ion Ratio Lower Upper
 74 100
 45 92.7 48.6 145.8

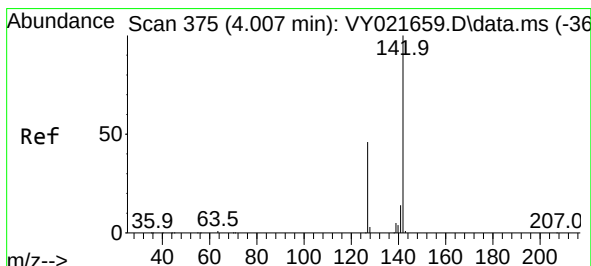
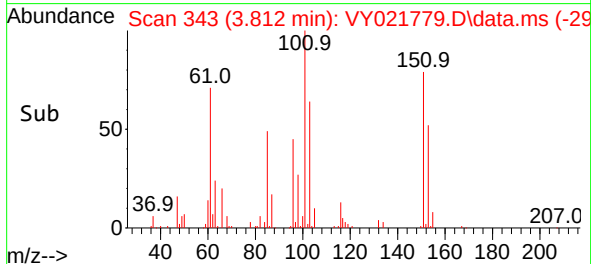
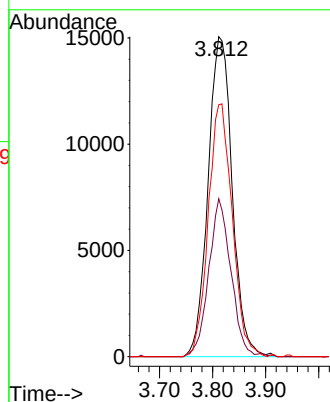
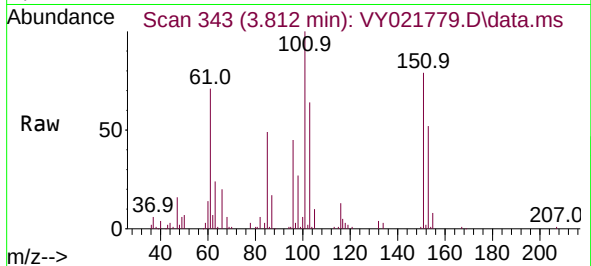




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.235 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
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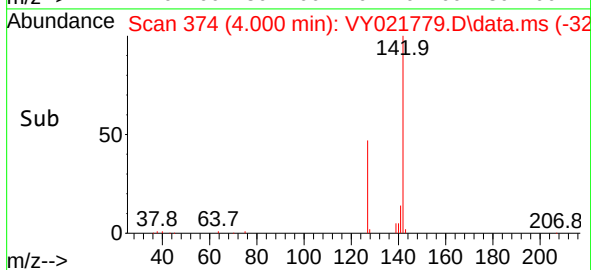
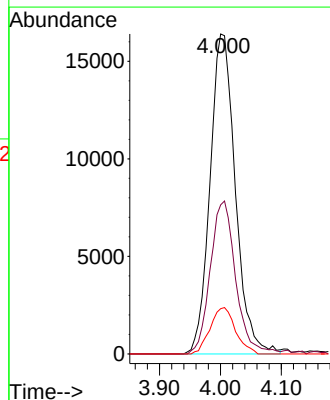
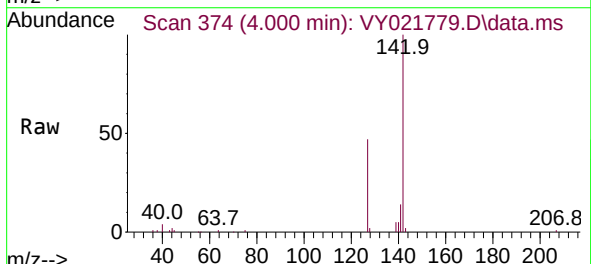
Instrument :
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ClientSampleId :
VY0404SBSD01

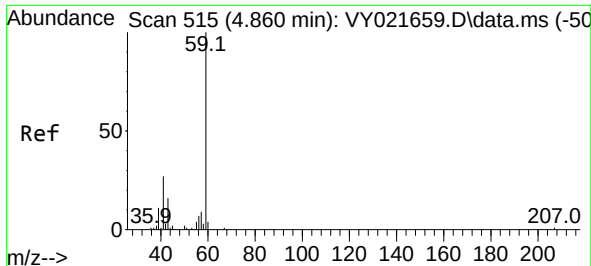
Tgt Ion:101 Resp: 47581
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 78.7 61.3 91.9



#10
Methyl Iodide
Concen: 17.468 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion:142 Resp: 47402
Ion Ratio Lower Upper
142 100
127 47.8 38.7 58.1
141 14.5 11.5 17.3

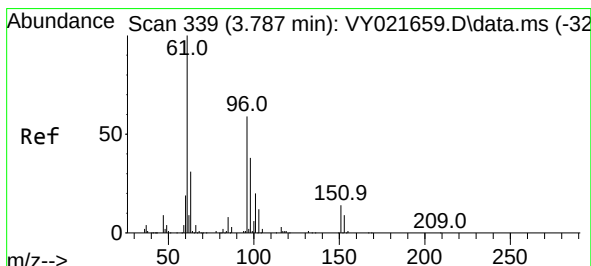
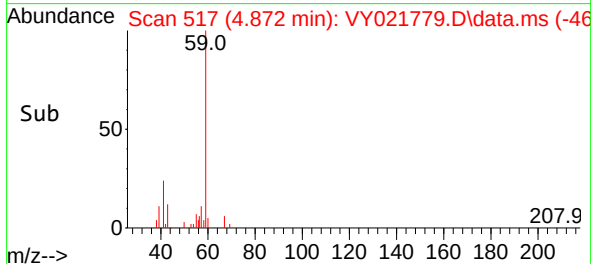
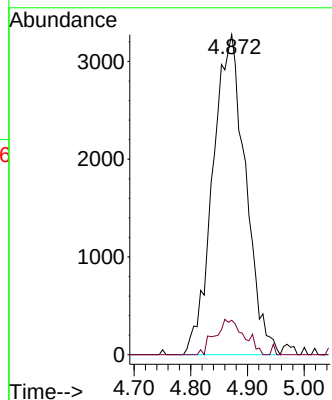
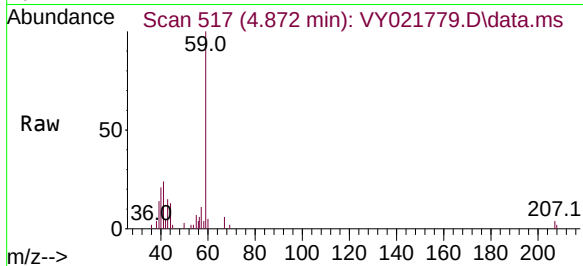




#11
Tert butyl alcohol
Concen: 83.987 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

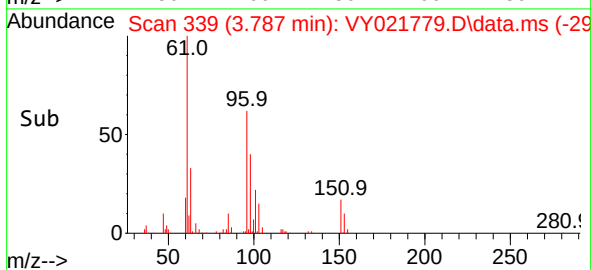
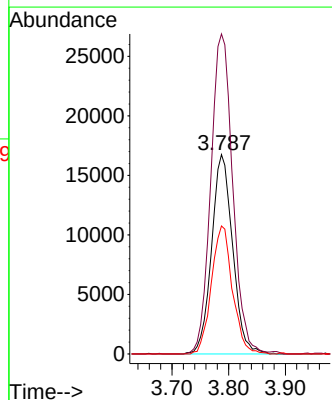
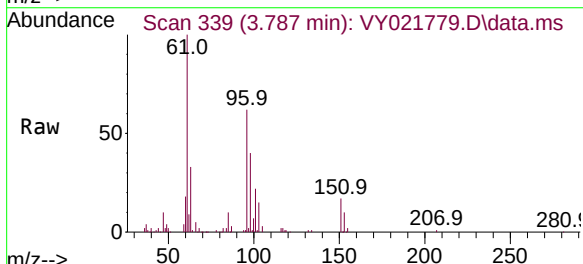
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

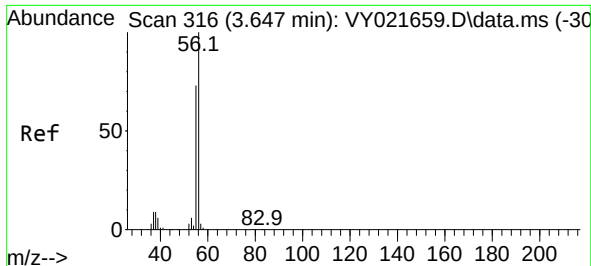
Tgt Ion: 59 Resp: 13129
Ion Ratio Lower Upper
59 100
57 9.8 9.2 13.8



#12
1,1-Dichloroethene
Concen: 18.565 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 96 Resp: 43256
Ion Ratio Lower Upper
96 100
61 160.5 136.6 204.8
98 64.2 52.3 78.5





#13

Acrolein

Concen: 60.655 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

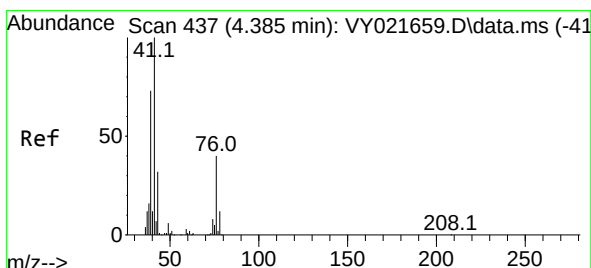
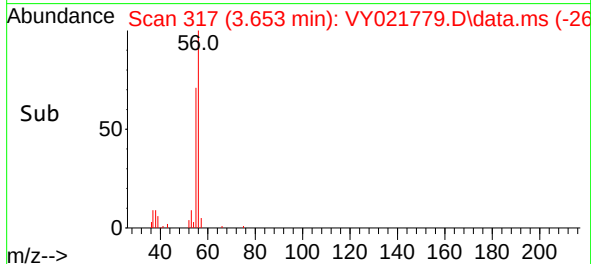
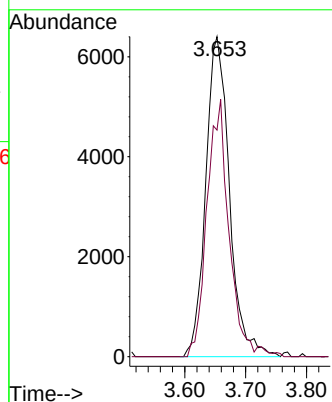
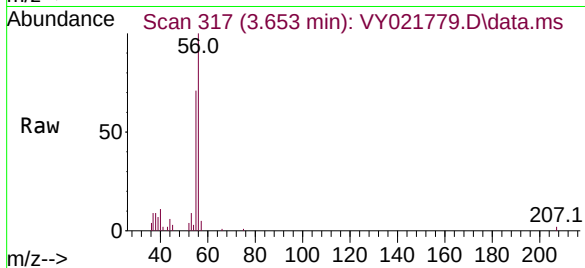
VY0404SBS01

Tgt Ion: 56 Resp: 17313

Ion Ratio Lower Upper

56 100

55 75.3 56.6 85.0



#14

Allyl chloride

Concen: 18.101 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

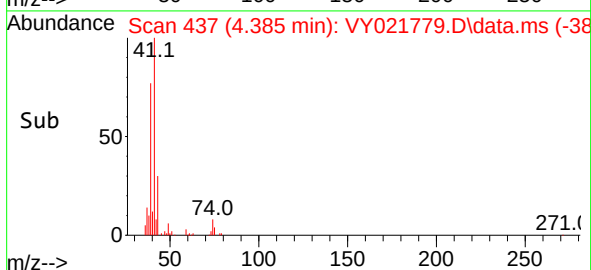
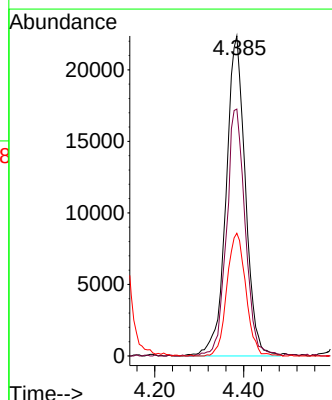
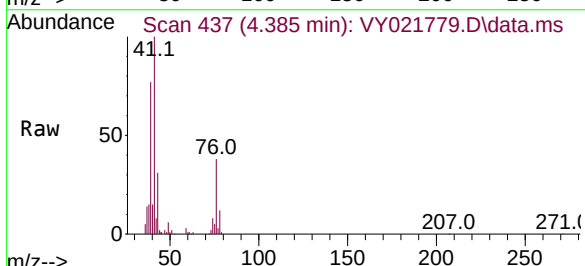
Tgt Ion: 41 Resp: 67244

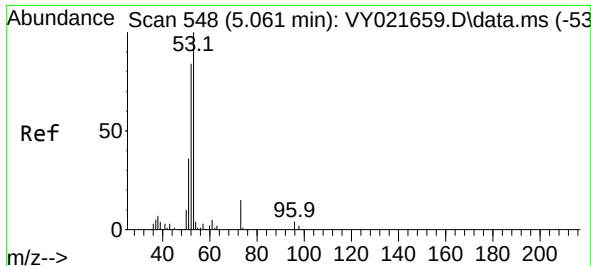
Ion Ratio Lower Upper

41 100

39 74.9 58.6 88.0

76 37.7 30.3 45.5

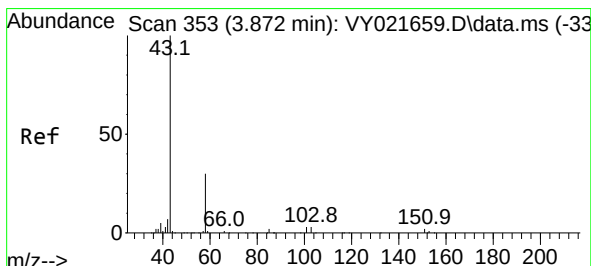
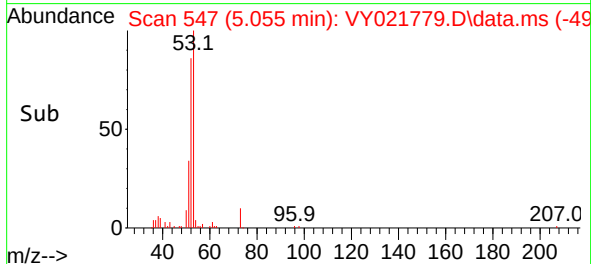
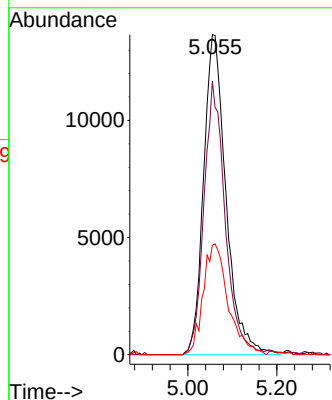
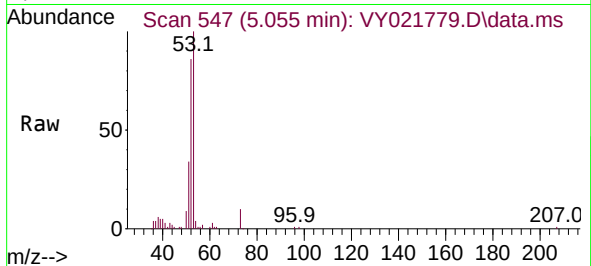




#15
Acrylonitrile
Concen: 90.082 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

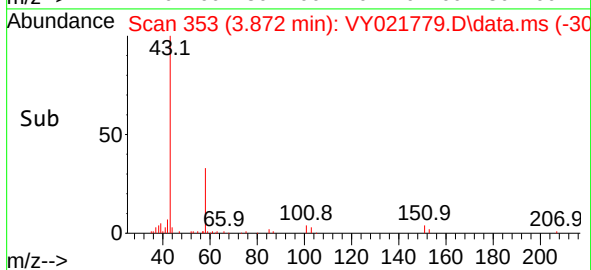
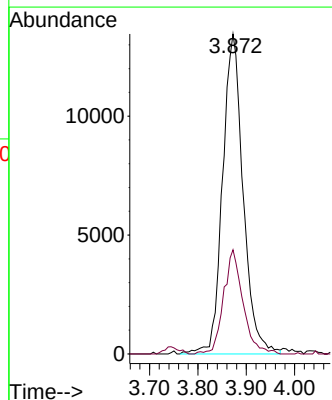
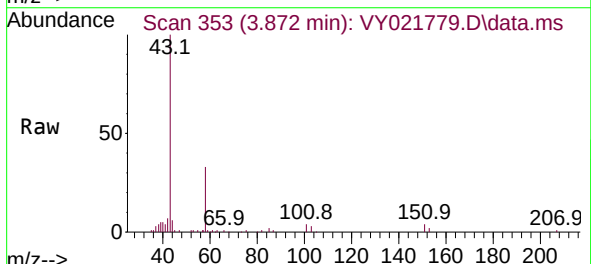
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

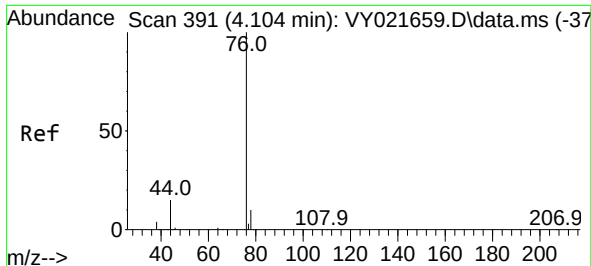
Tgt Ion: 53 Resp: 47972
Ion Ratio Lower Upper
53 100
52 80.3 64.9 97.3
51 38.6 30.2 45.2



#16
Acetone
Concen: 80.784 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 43 Resp: 39791
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4

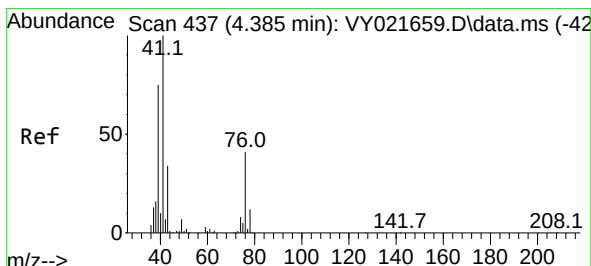
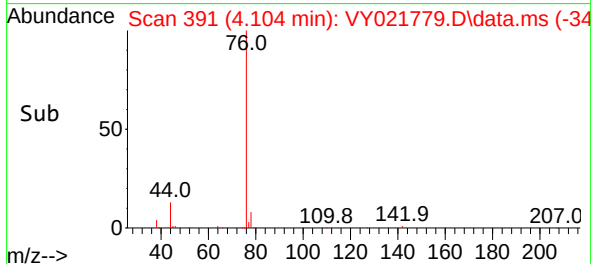
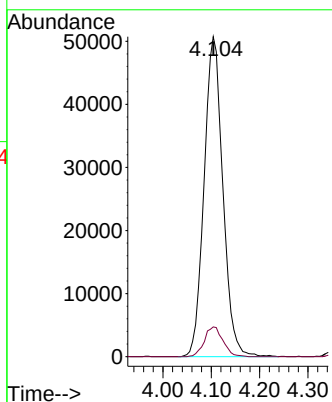
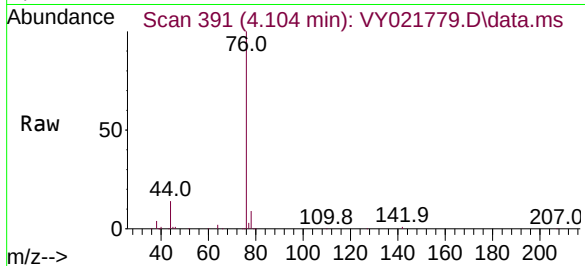




#17
Carbon Disulfide
Concen: 17.828 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

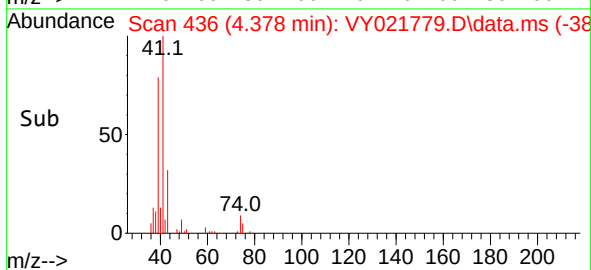
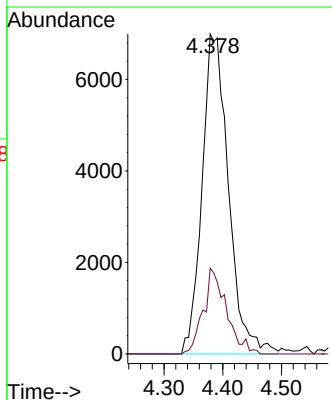
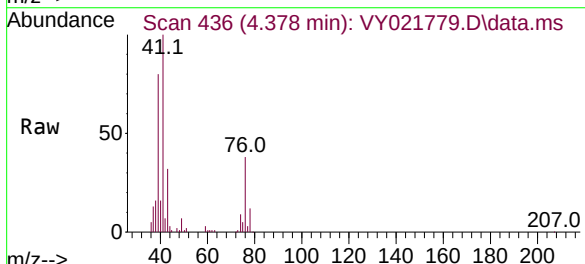
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

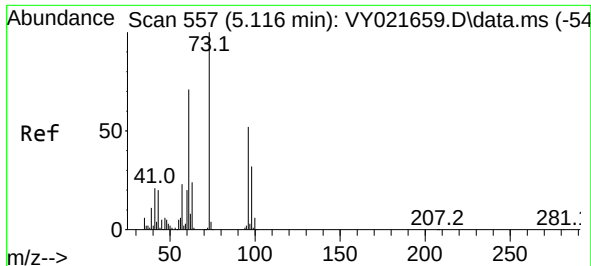
Tgt Ion: 76 Resp: 136817
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 17.942 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 43 Resp: 21903
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 17.696 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

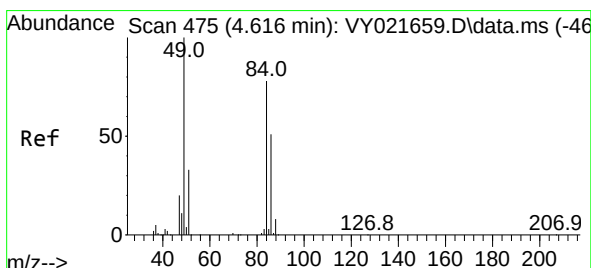
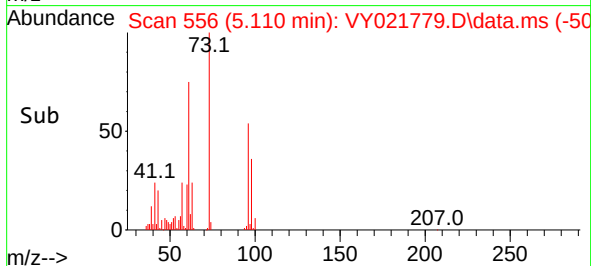
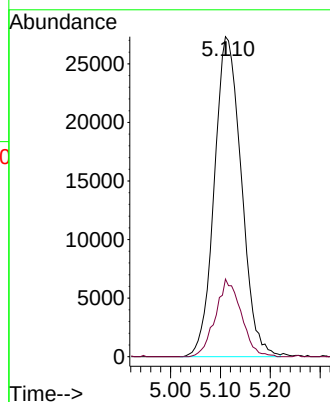
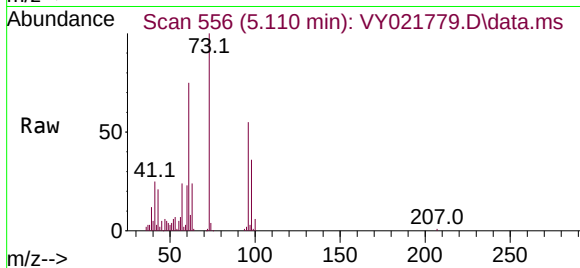
VY0404SBS01

Tgt Ion: 73 Resp: 102651

Ion Ratio Lower Upper

73 100

57 24.3 18.1 27.1



#20

Methylene Chloride

Concen: 17.807 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Tgt Ion: 84 Resp: 48920

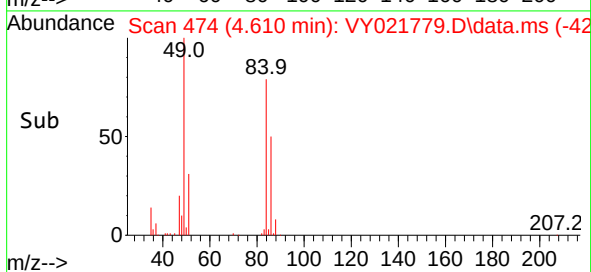
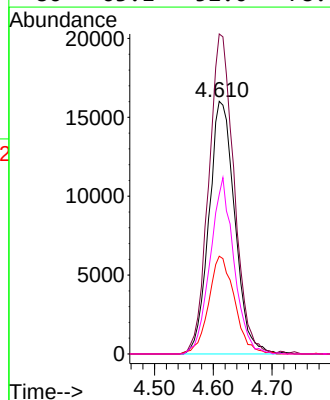
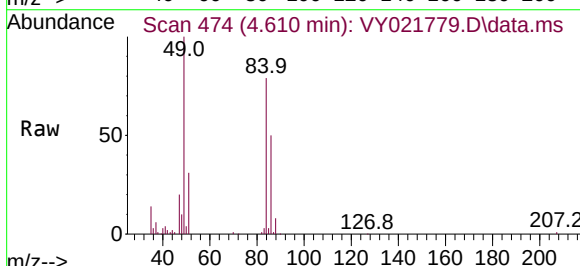
Ion Ratio Lower Upper

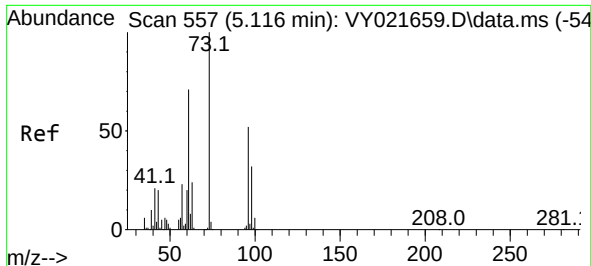
84 100

49 126.7 102.8 154.2

51 38.7 33.5 50.3

86 63.1 52.0 78.0

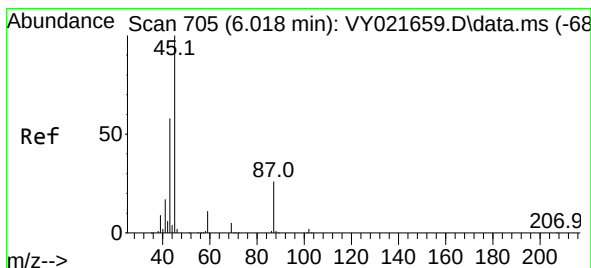
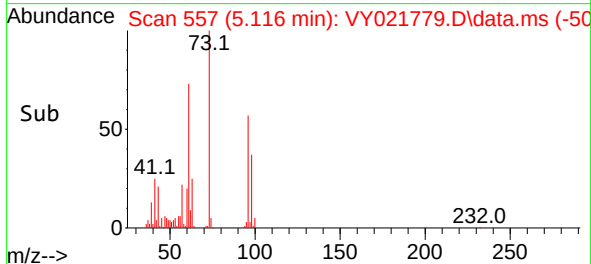
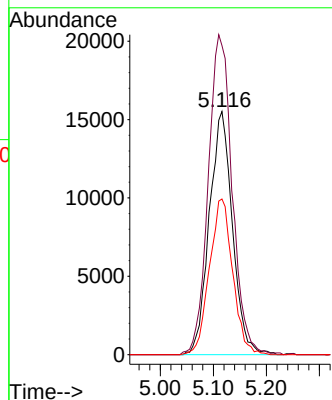
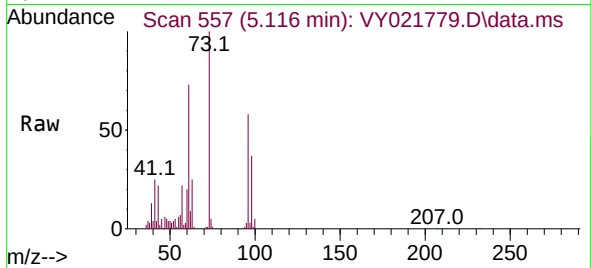




#21
trans-1,2-Dichloroethene
Concen: 18.392 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

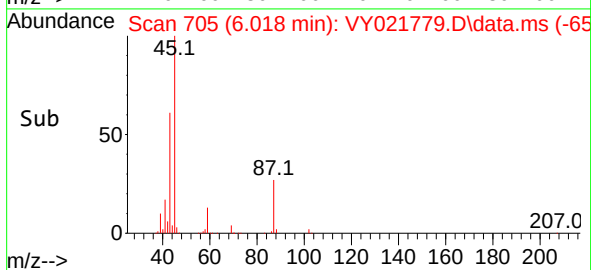
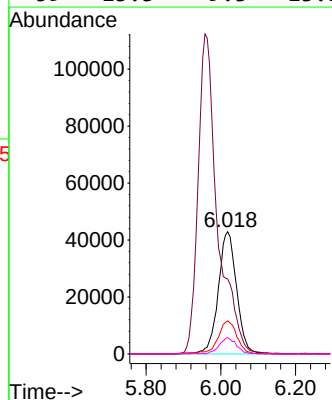
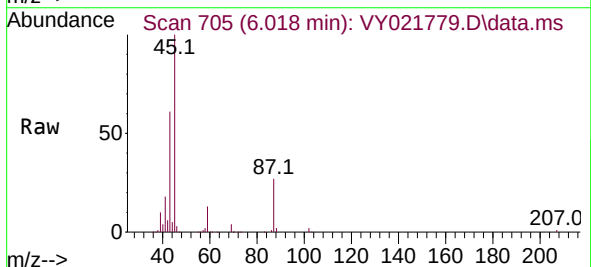
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

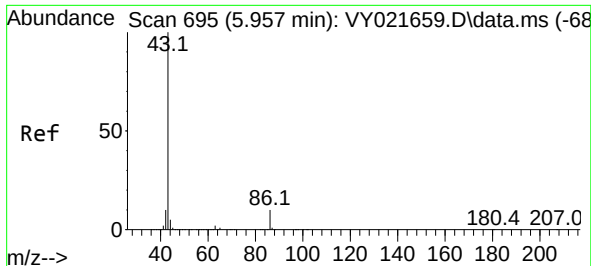
Tgt Ion: 96 Resp: 47181
Ion Ratio Lower Upper
96 100
61 127.1 109.4 164.0
98 64.0 50.2 75.2



#22
Diisopropyl ether
Concen: 18.736 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 45 Resp: 146004
Ion Ratio Lower Upper
45 100
43 60.9 46.6 69.8
87 27.1 20.7 31.1
59 13.3 9.3 13.9

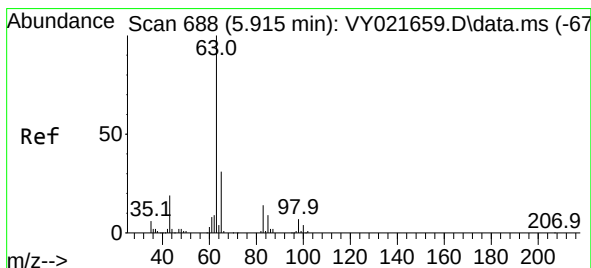
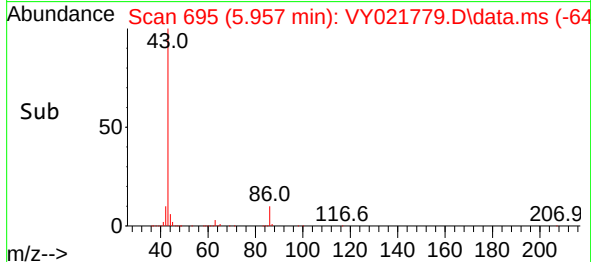
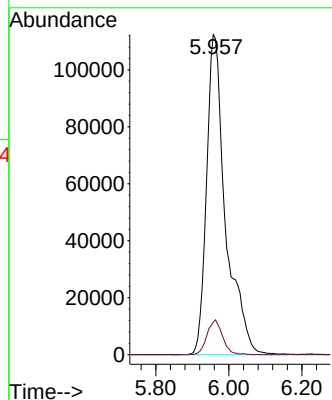
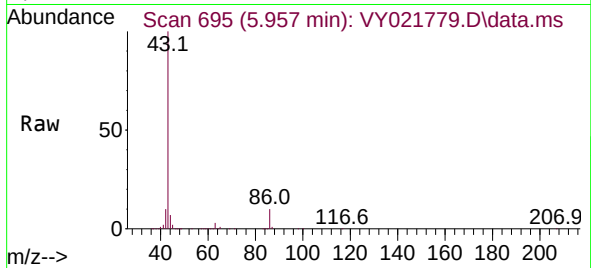




#23
 Vinyl Acetate
 Concen: 88.983 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

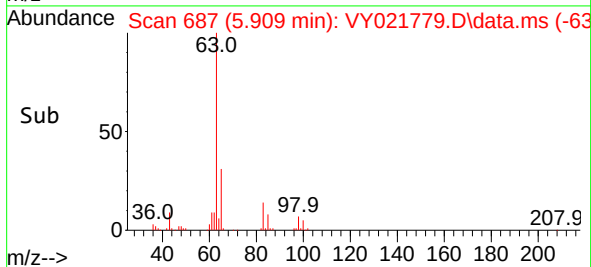
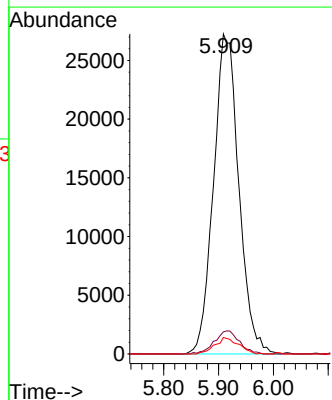
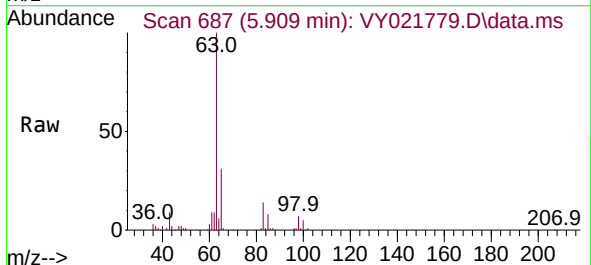
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

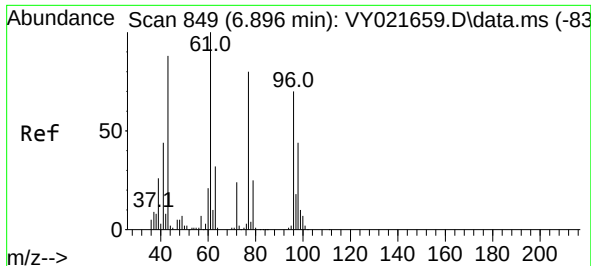
Tgt Ion: 43 Resp: 405658
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 18.721 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion: 63 Resp: 87235
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 5.1 2.2 6.6

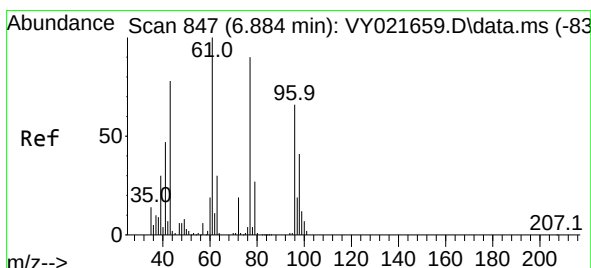
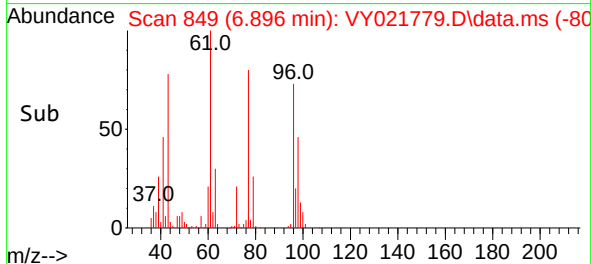
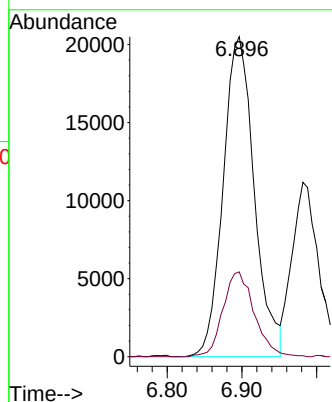
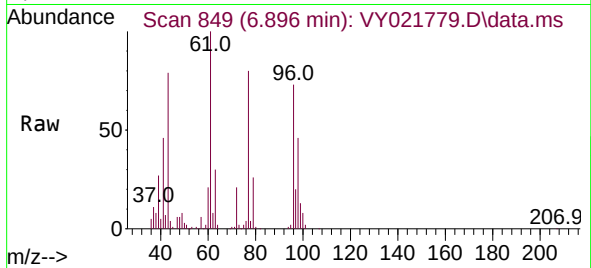




#25
2-Butanone
Concen: 84.459 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

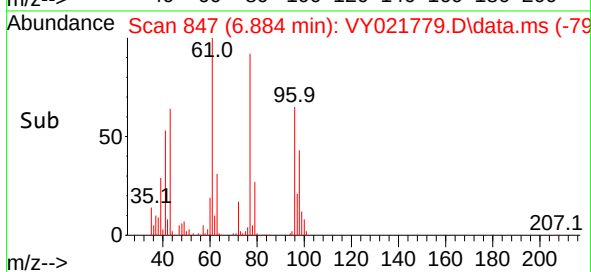
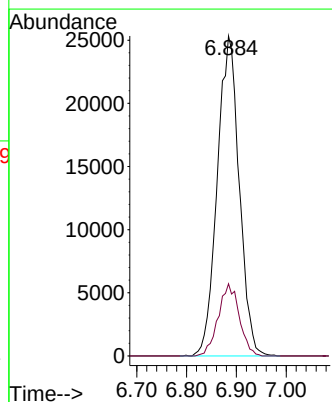
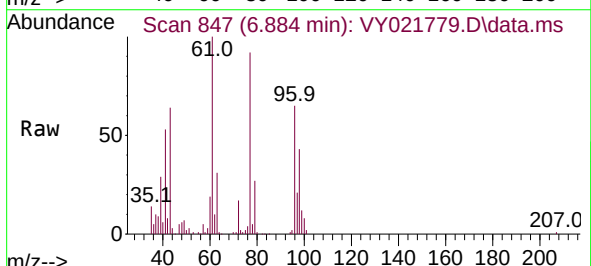
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

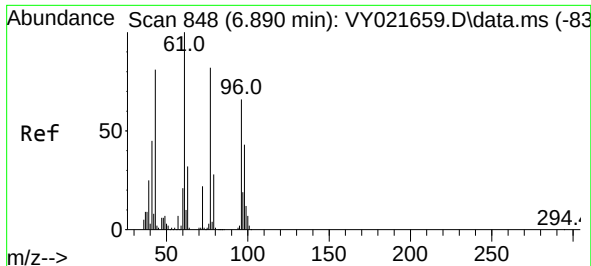
Tgt Ion: 43 Resp: 59419
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 18.682 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 77 Resp: 77434
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 18.489 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

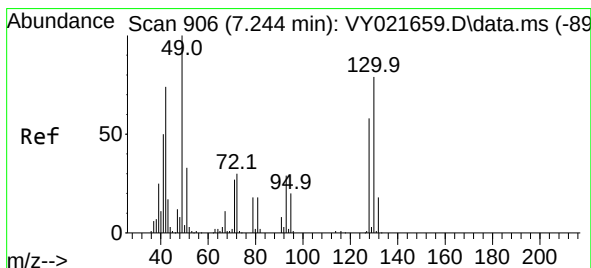
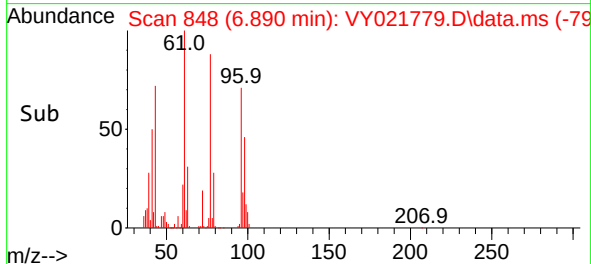
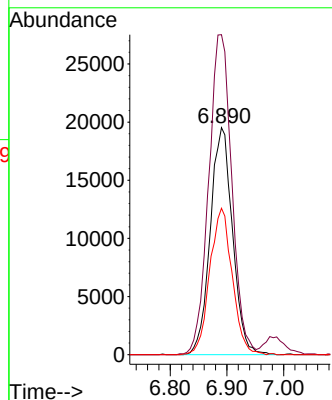
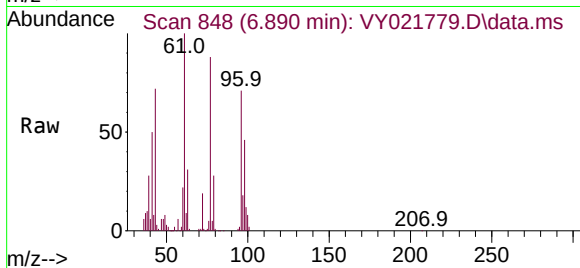
Tgt Ion: 96 Resp: 53338

Ion Ratio Lower Upper

96 100

61 146.2 0.0 296.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 19.353 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

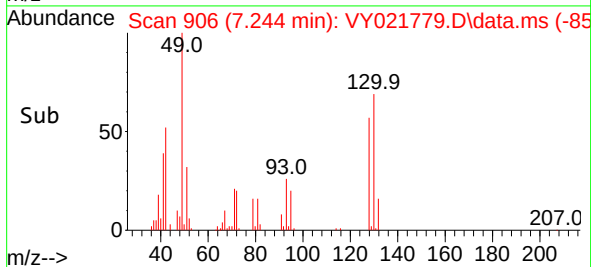
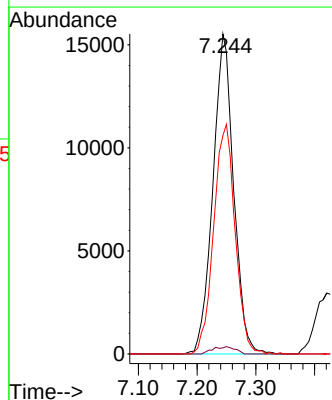
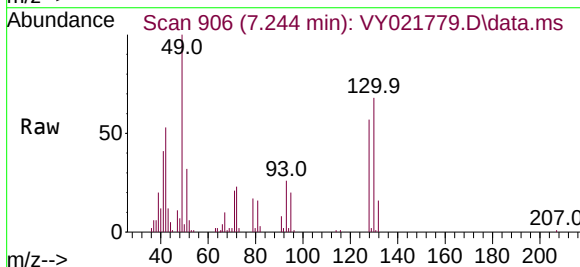
Tgt Ion: 49 Resp: 38032

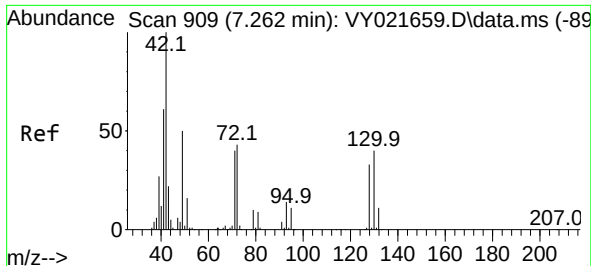
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 74.3 60.1 90.1





#29

Tetrahydrofuran

Concen: 87.766 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

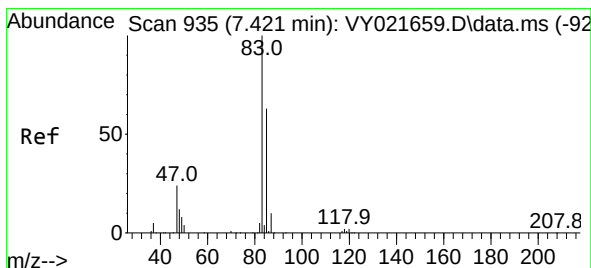
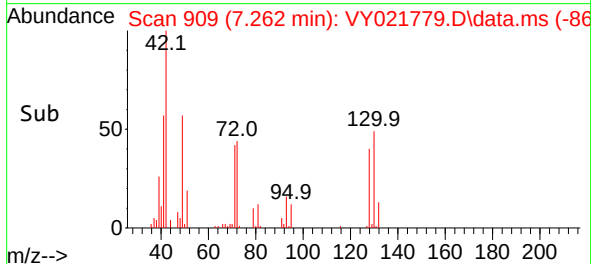
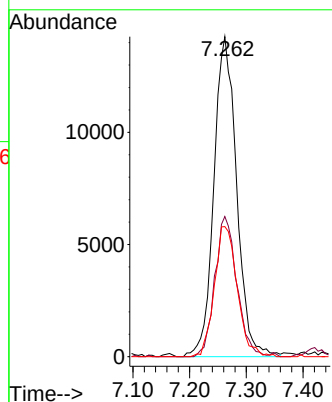
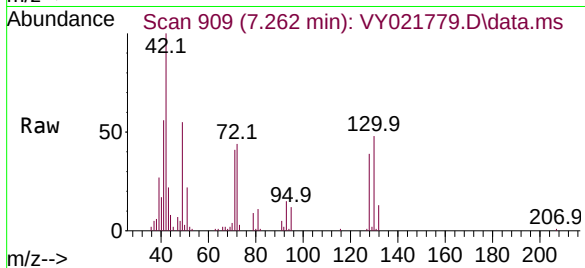
Tgt Ion: 42 Resp: 39739

Ion Ratio Lower Upper

42 100

72 42.2 34.6 52.0

71 40.9 32.5 48.7



#30

Chloroform

Concen: 18.621 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021779.D

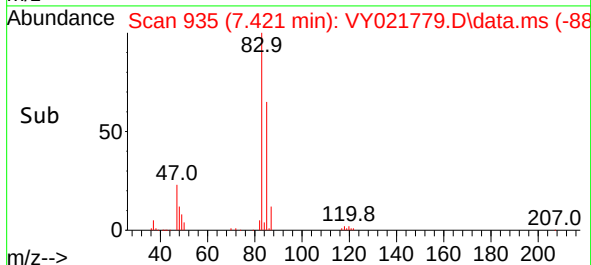
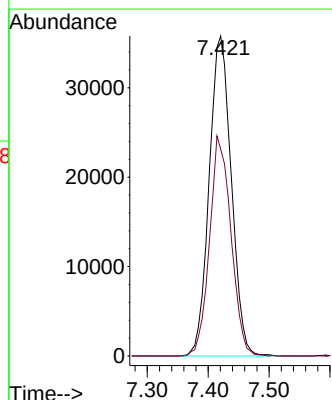
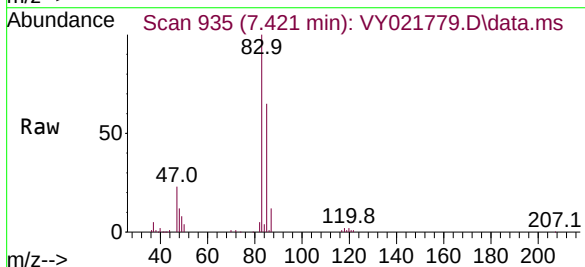
Acq: 04 Apr 2025 10:49

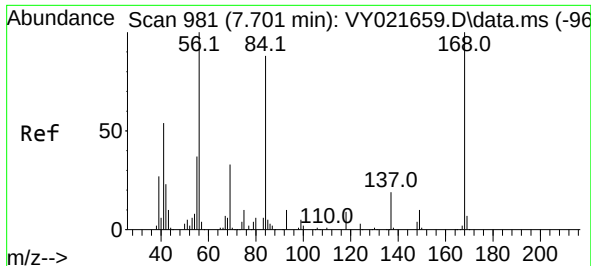
Tgt Ion: 83 Resp: 90247

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

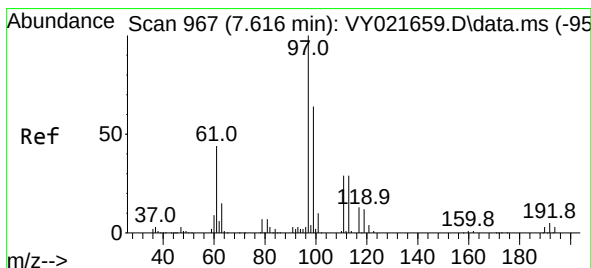
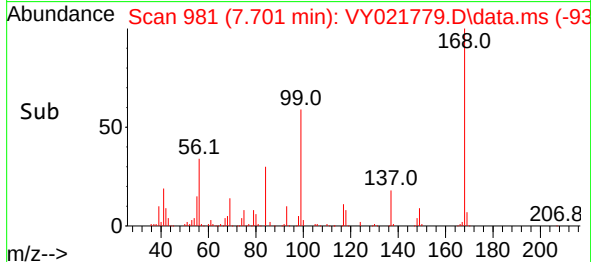
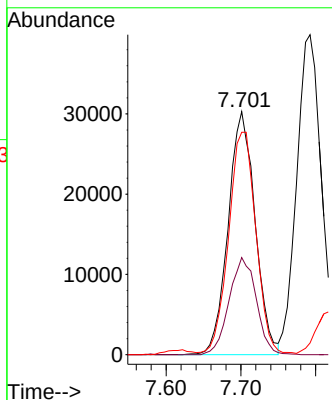
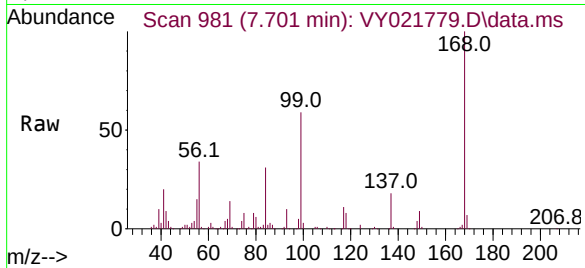




#31
Cyclohexane
Concen: 17.858 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

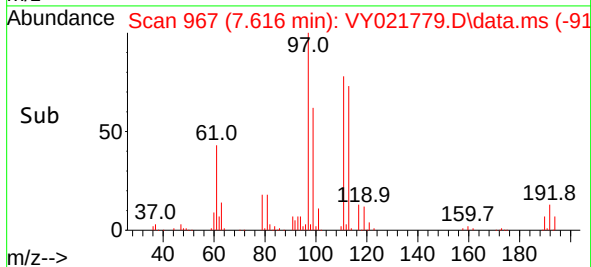
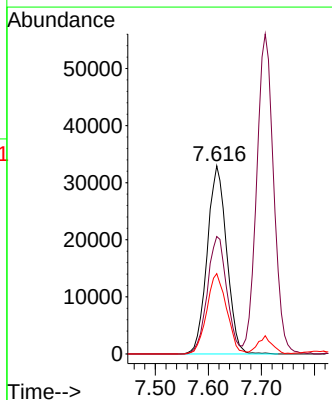
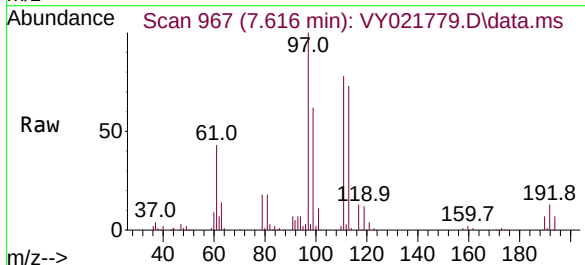
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

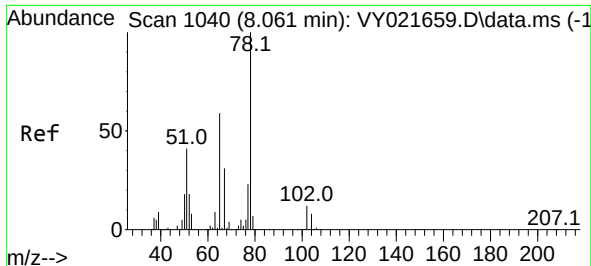
Tgt Ion: 56 Resp: 75857
Ion Ratio Lower Upper
56 100
69 40.0 26.6 40.0#
84 89.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.159 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 97 Resp: 83924
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.756 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

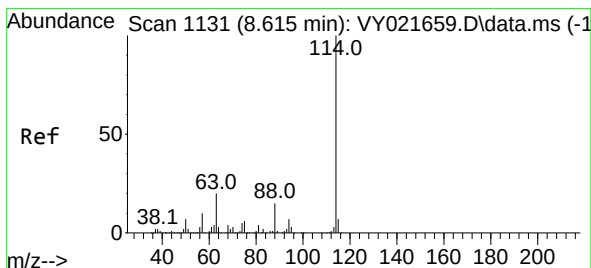
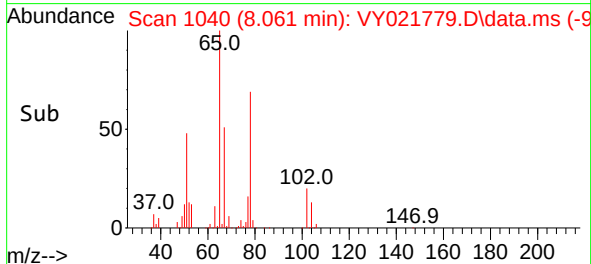
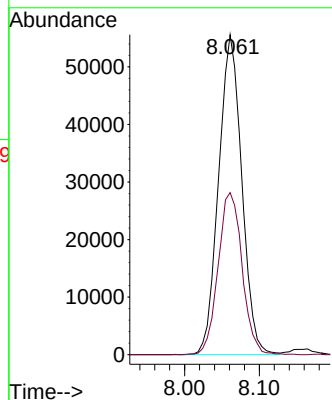
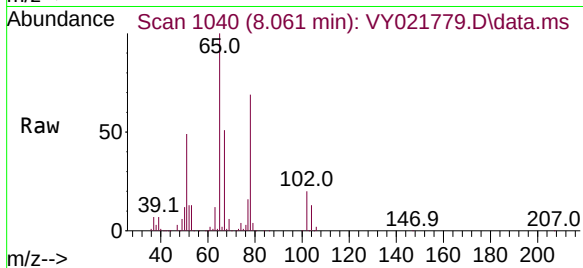
VY0404SBS01

Tgt Ion: 65 Resp: 119747

Ion Ratio Lower Upper

65 100

67 52.5 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: VY021779.D

Acq: 04 Apr 2025 10:49

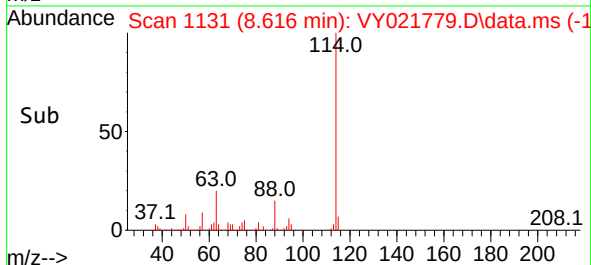
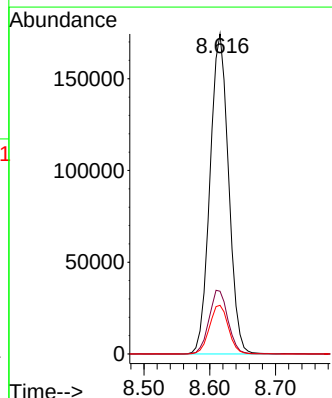
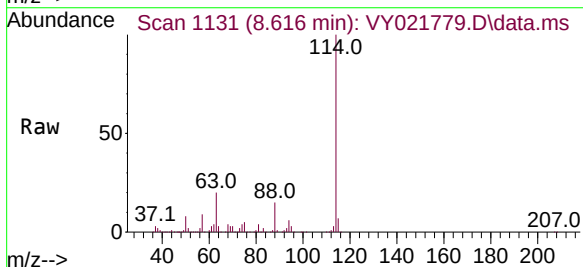
Tgt Ion: 114 Resp: 342162

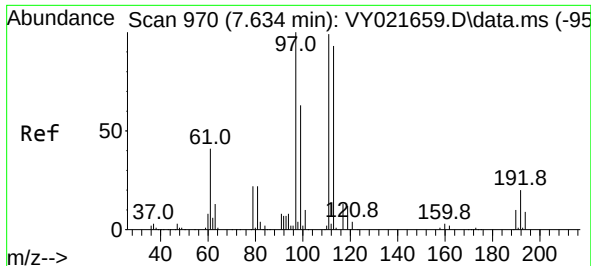
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.2 0.0 29.8

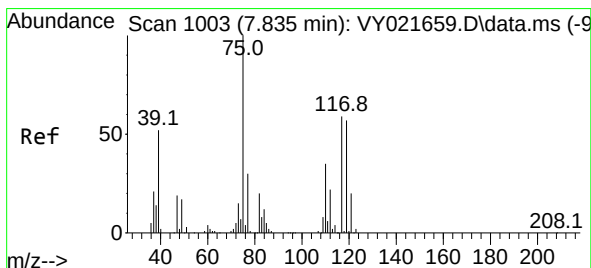
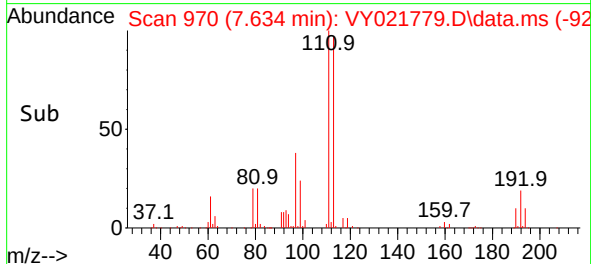
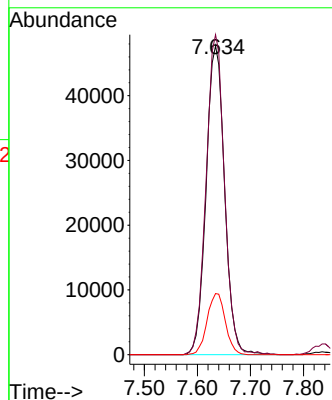
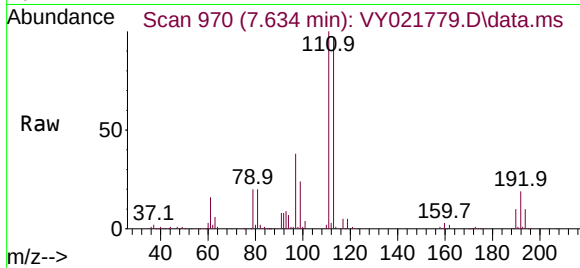




#35
Dibromofluoromethane
Concen: 52.075 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

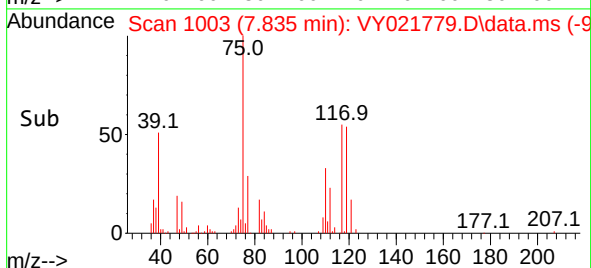
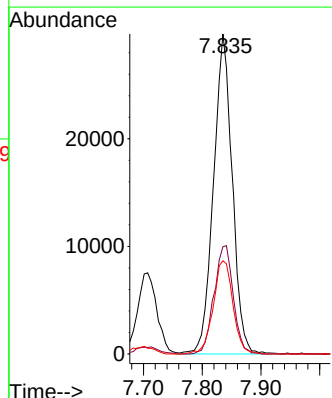
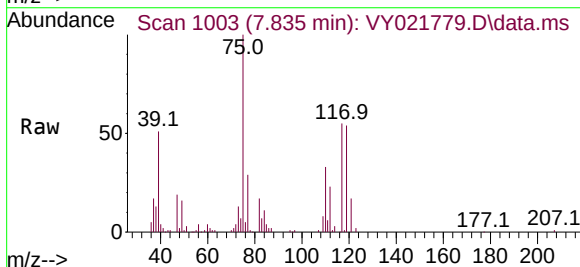
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

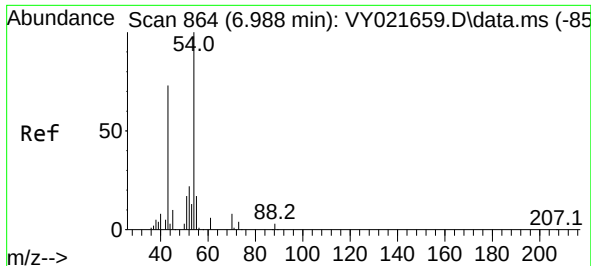
Tgt Ion:113 Resp: 115582
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.535 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 75 Resp: 66042
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 30.5 24.8 37.2

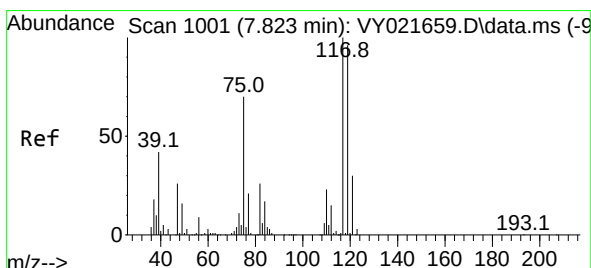
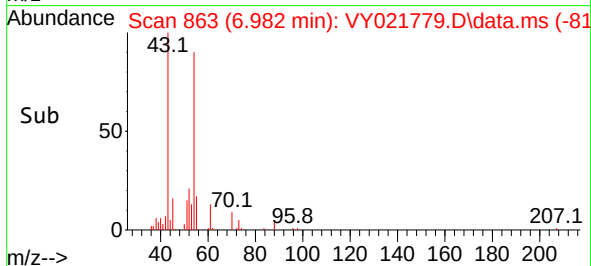
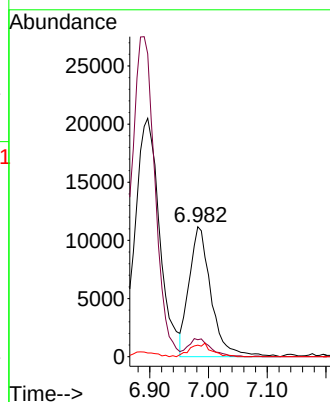
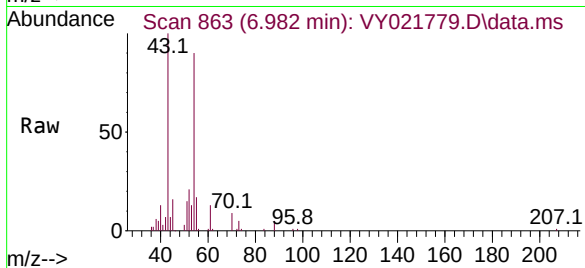




#37
Ethyl Acetate
Concen: 18.209 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

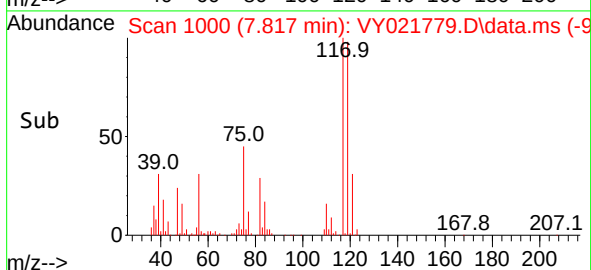
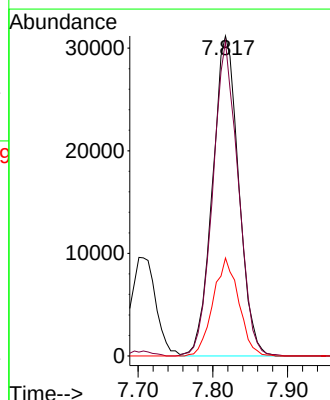
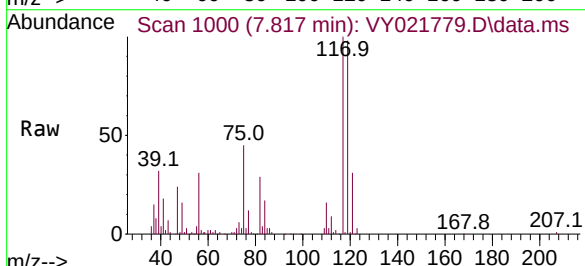
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

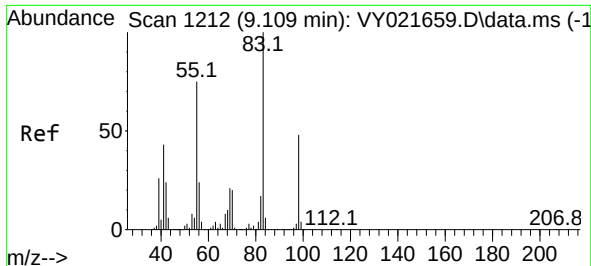
Tgt Ion:	43	Resp:	29052
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	10.0	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.595 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion:	117	Resp:	75873
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.2	114.4
121	30.6	24.2	36.4

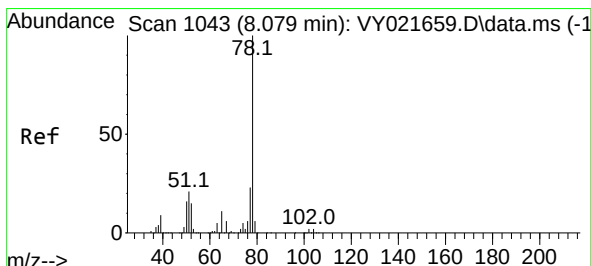
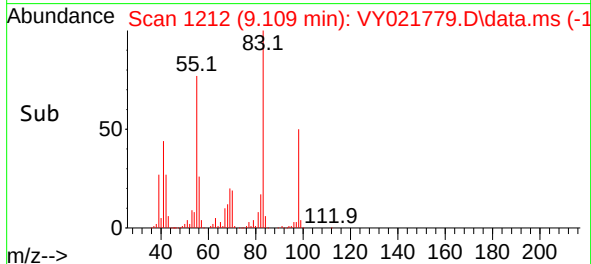
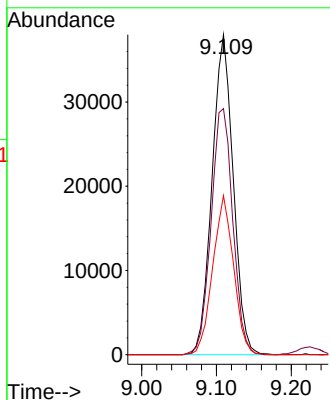
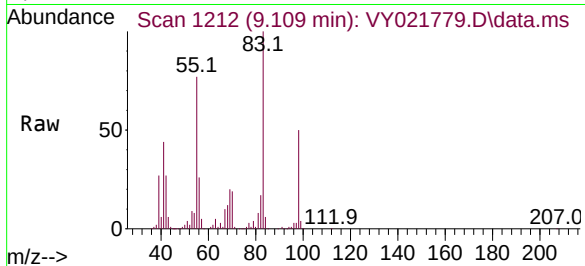




#39
Methylcyclohexane
Concen: 18.540 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

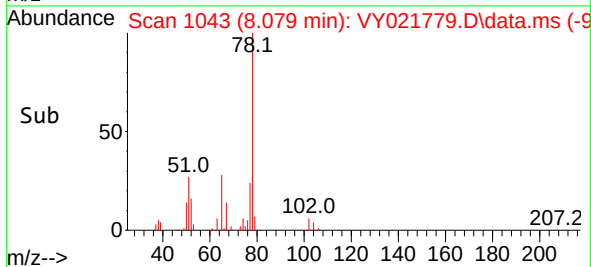
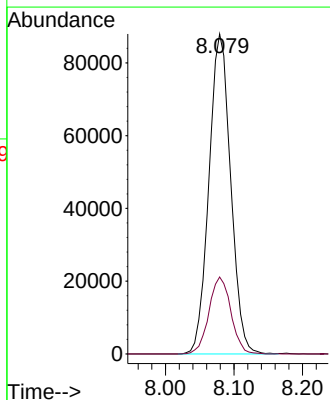
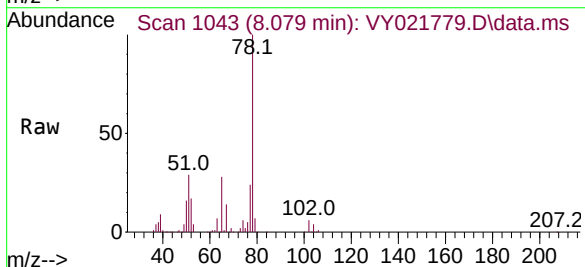
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

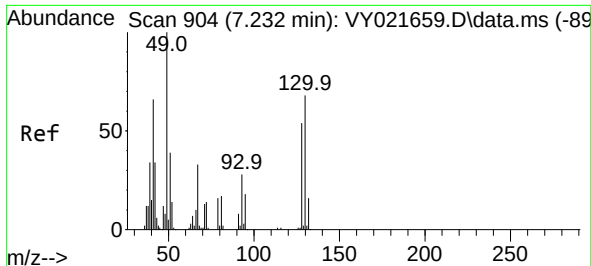
Tgt Ion: 83 Resp: 74878
Ion Ratio Lower Upper
83 100
55 76.9 59.7 89.5
98 49.7 38.3 57.5



#40
Benzene
Concen: 19.090 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 78 Resp: 193271
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

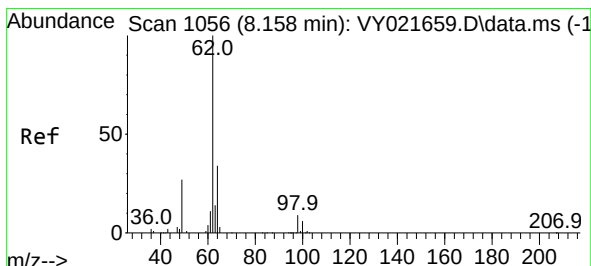
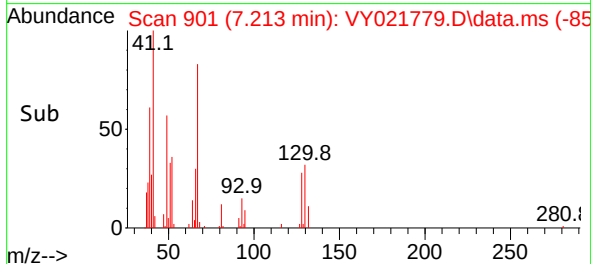
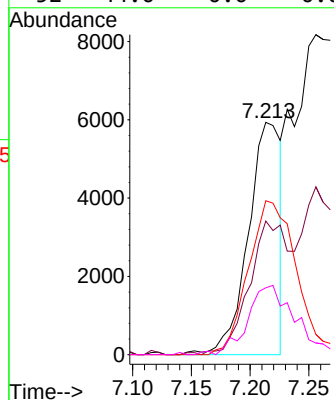
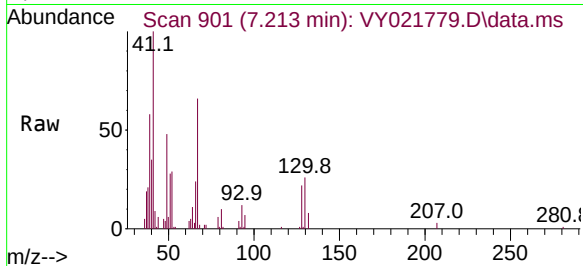




#41
Methacrylonitrile
Concen: 13.580 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

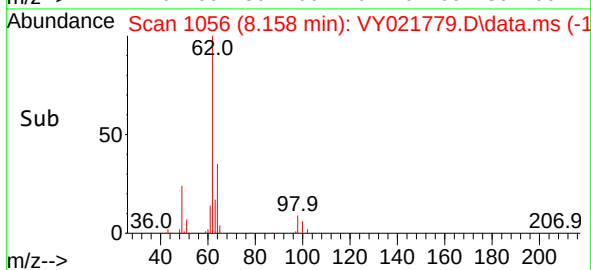
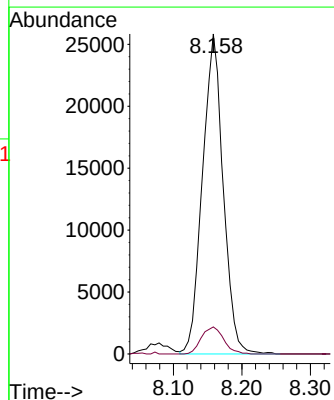
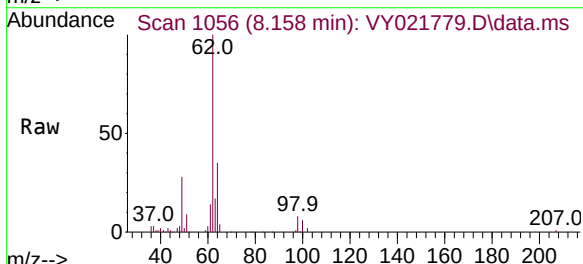
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

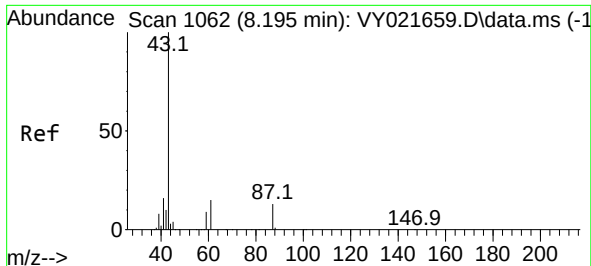
Tgt Ion: 41 Resp: 11507
Ion Ratio Lower Upper
41 100
39 73.2 0.0 0.0#
67 98.3 0.0 0.0#
52 44.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.057 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 62 Resp: 54392
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

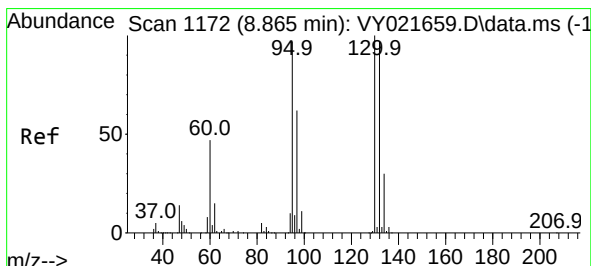
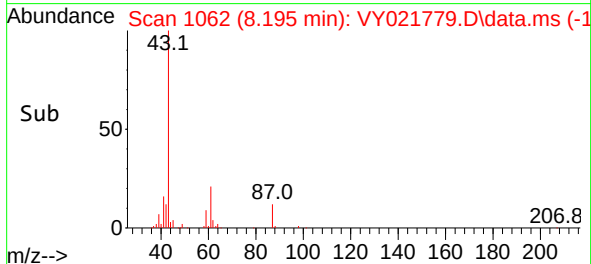
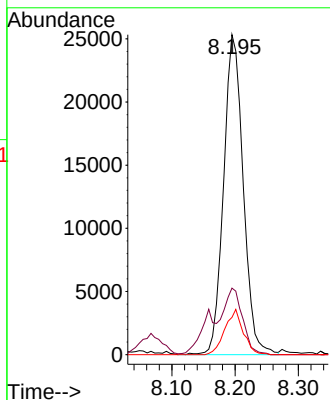
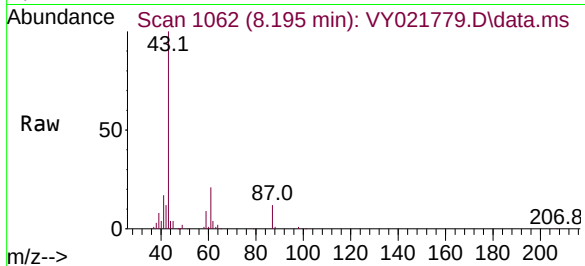




#43
Isopropyl Acetate
Concen: 18.080 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

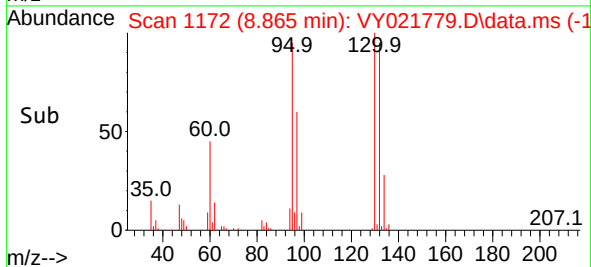
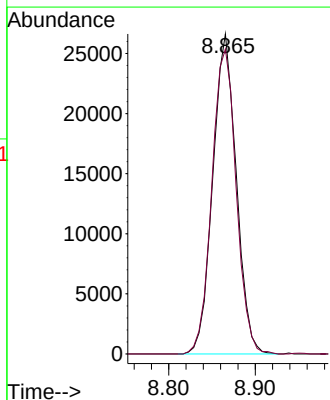
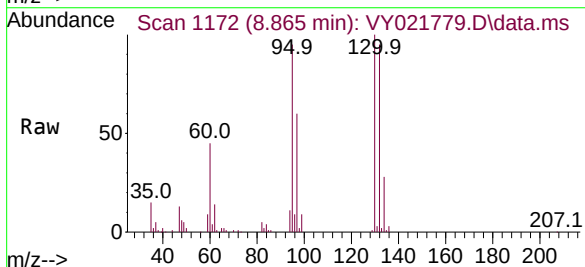
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

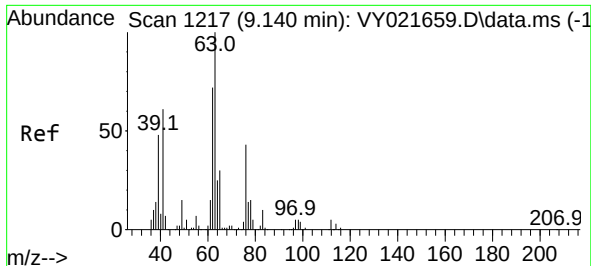
Tgt Ion: 43 Resp: 54667
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 13.3 10.4 15.6



#44
Trichloroethene
Concen: 19.433 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 130 Resp: 50130
Ion Ratio Lower Upper
130 100
95 95.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.361 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

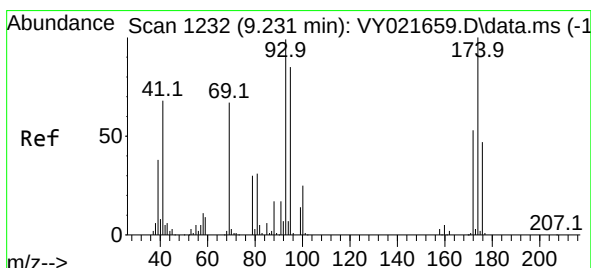
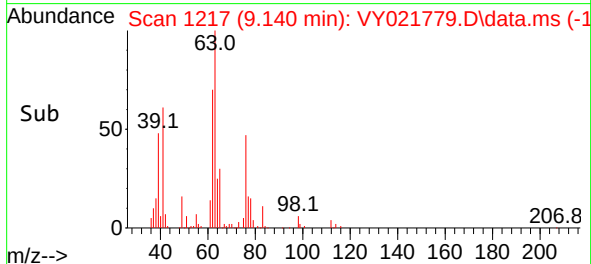
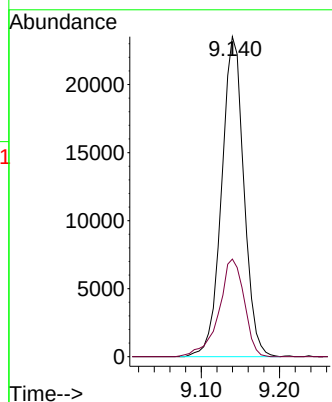
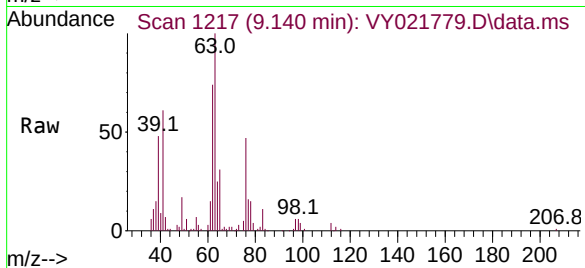
VY0404SBSD01

Tgt Ion: 63 Resp: 46400

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 18.781 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

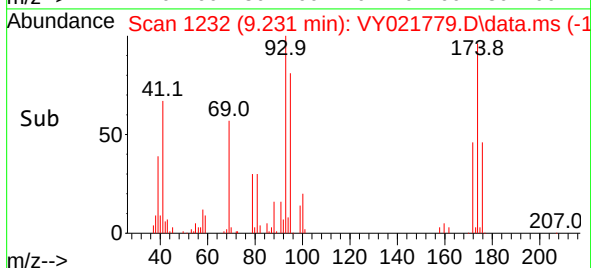
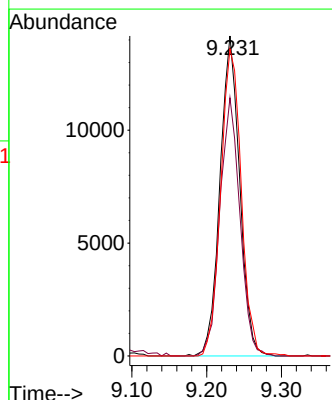
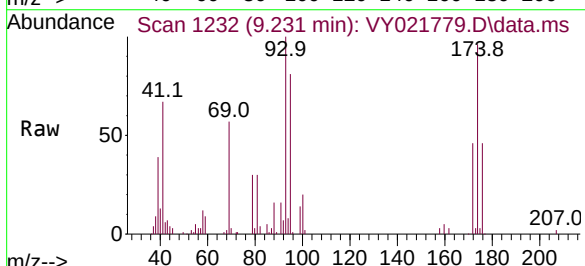
Tgt Ion: 93 Resp: 25939

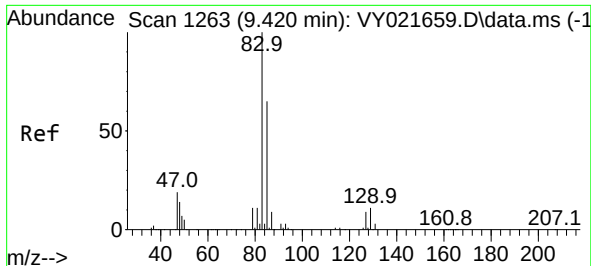
Ion Ratio Lower Upper

93 100

95 82.2 68.1 102.1

174 100.1 80.9 121.3

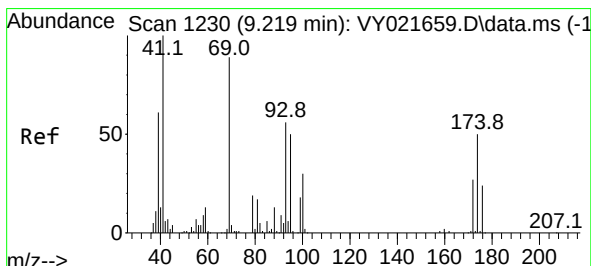
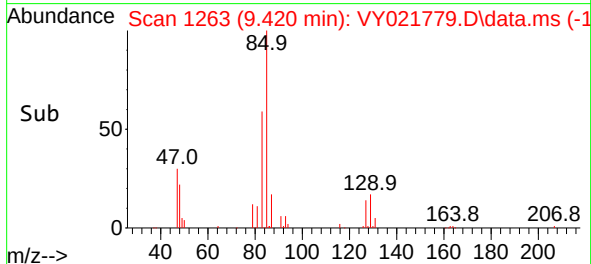
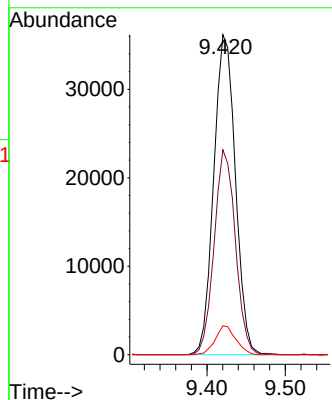
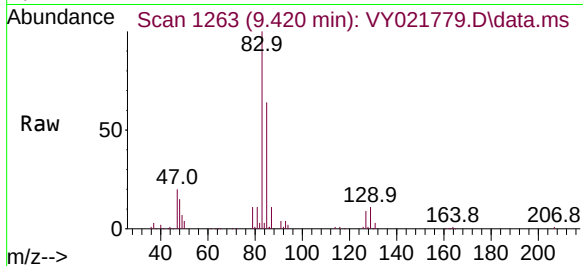




#47
Bromodichloromethane
Concen: 19.408 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

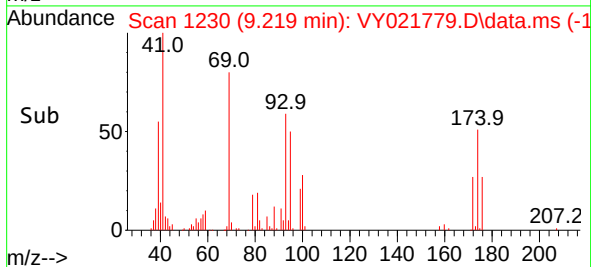
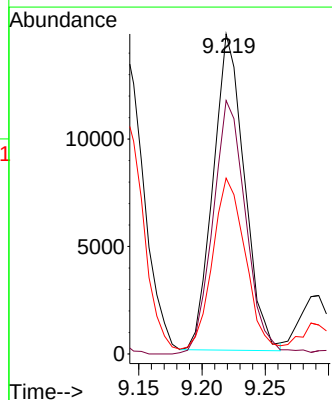
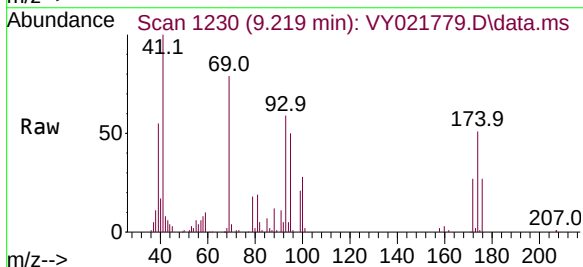
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

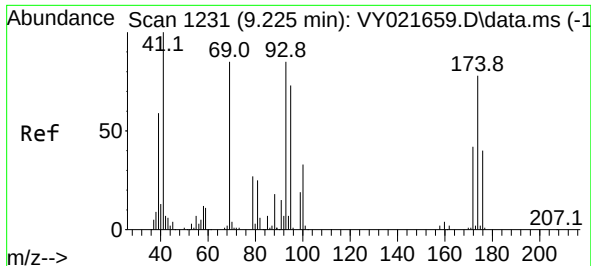
Tgt Ion: 83 Resp: 69458
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 18.236 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 41 Resp: 25306
Ion Ratio Lower Upper
41 100
69 84.5 69.8 104.8
39 56.9 47.2 70.8

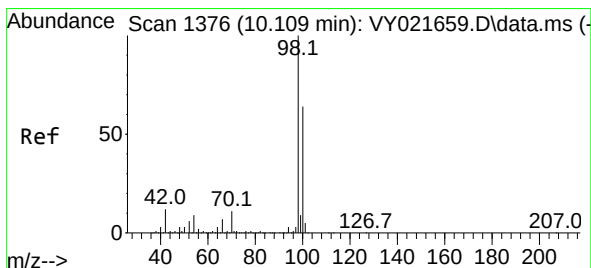
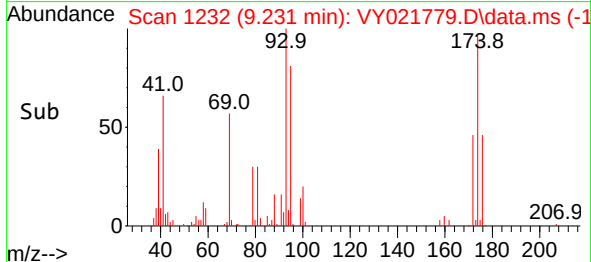
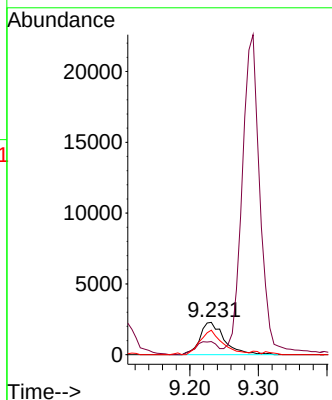
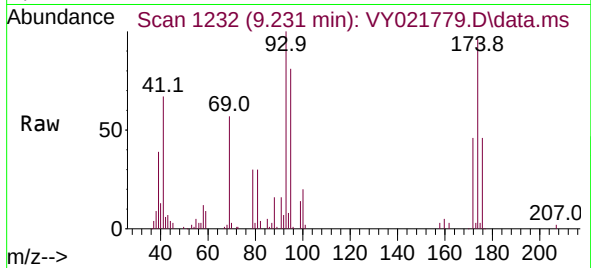




#49
1,4-Dioxane
Concen: 384.365 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

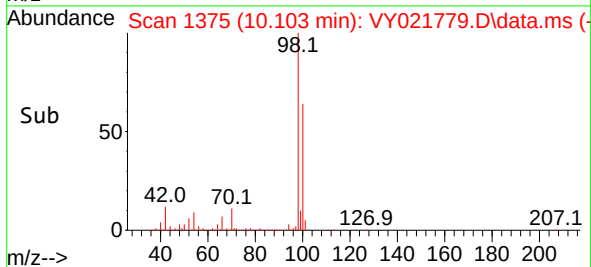
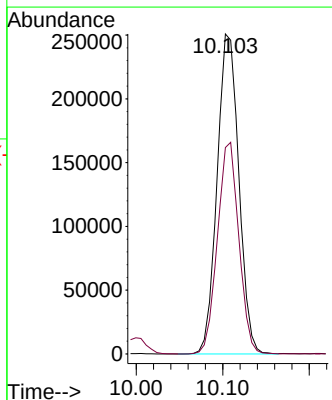
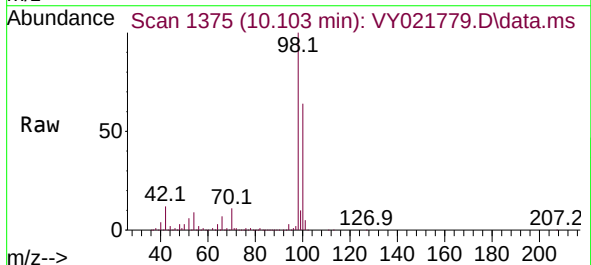
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

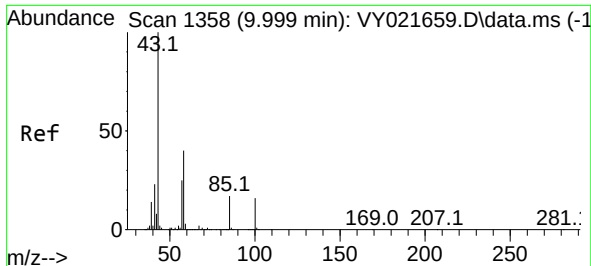
Tgt Ion: 88 Resp: 5687
Ion Ratio Lower Upper
88 100
43 35.4 28.8 43.2
58 69.4 59.4 89.2



#50
Toluene-d8
Concen: 51.800 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 98 Resp: 437387
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

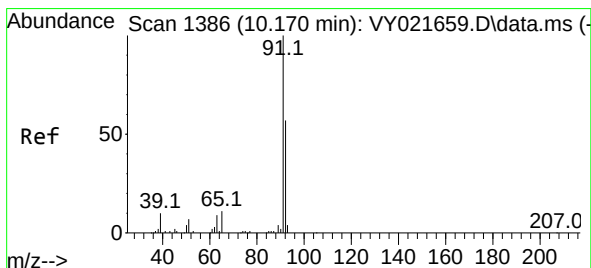
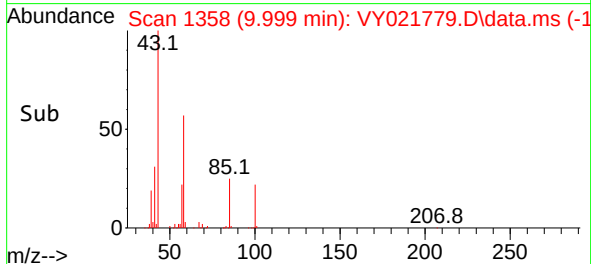
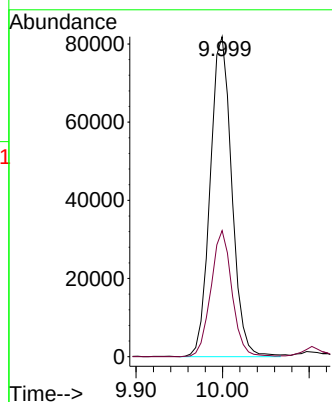
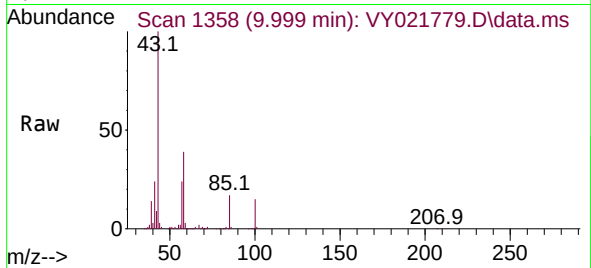




#51
4-Methyl-2-Pentanone
Concen: 90.088 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

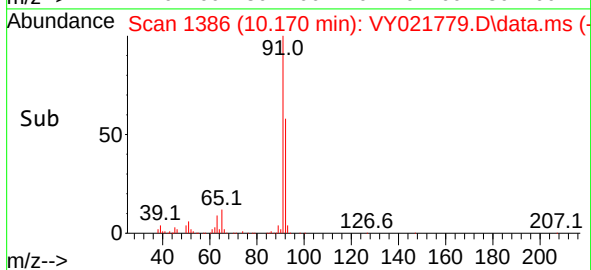
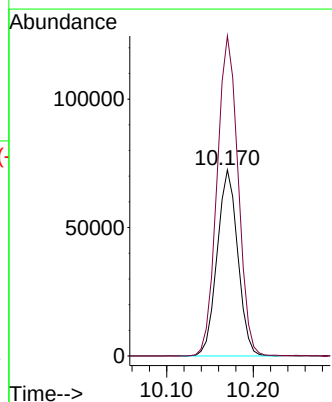
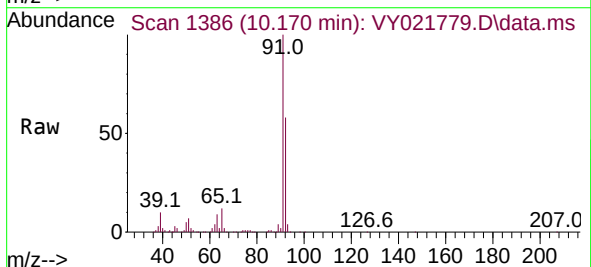
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

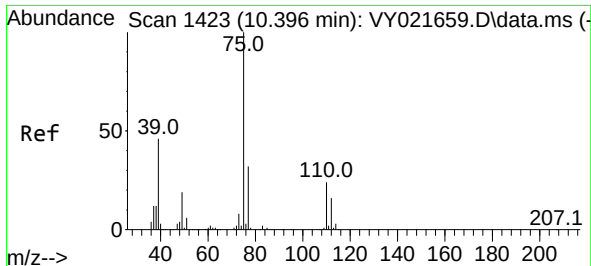
Tgt Ion: 43 Resp: 141751
Ion Ratio Lower Upper
43 100
58 38.5 31.5 47.3



#52
Toluene
Concen: 18.972 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 92 Resp: 119838
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8

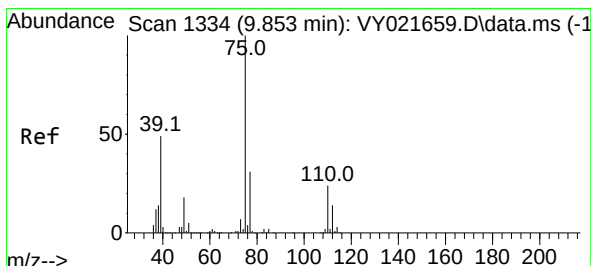
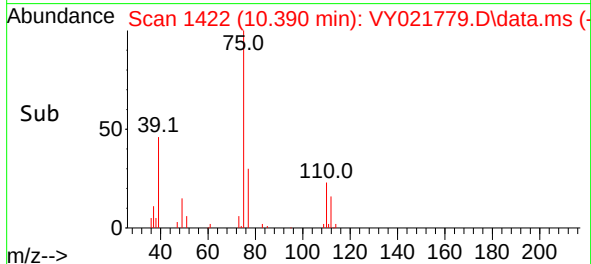
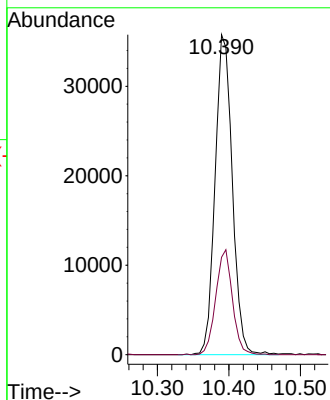
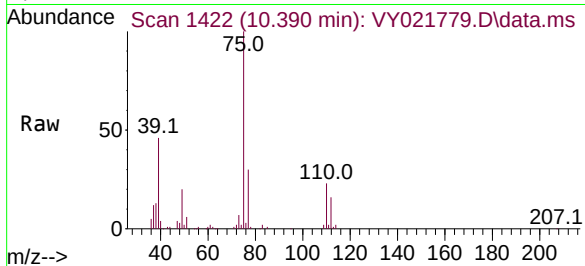




#53
 t-1,3-Dichloropropene
 Concen: 18.829 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

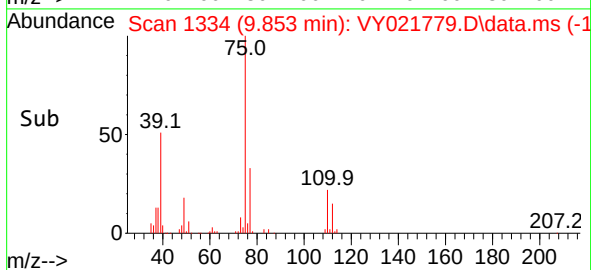
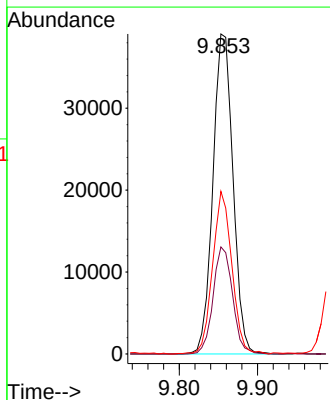
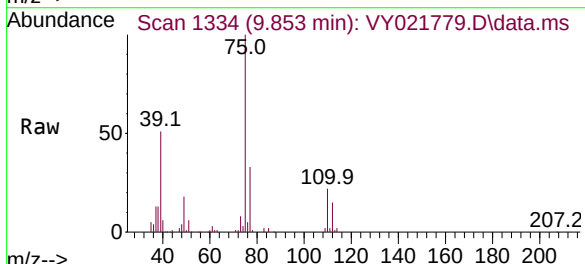
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

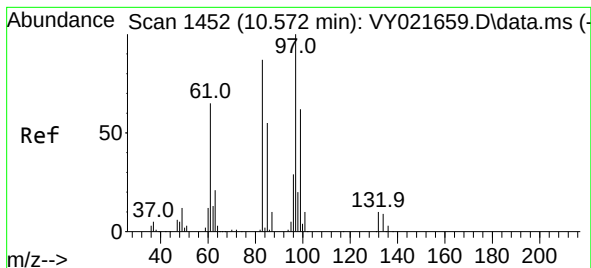
Tgt Ion: 75 Resp: 59854
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.573 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion: 75 Resp: 69651
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.9 37.3
 39 50.6 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.485 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

Tgt Ion: 97 Resp: 34633

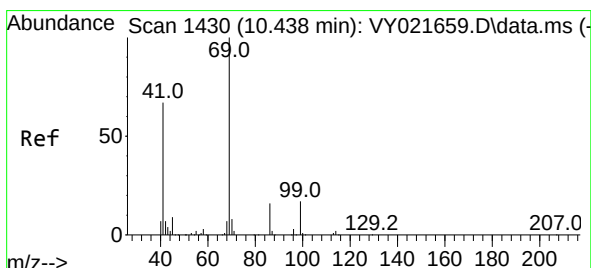
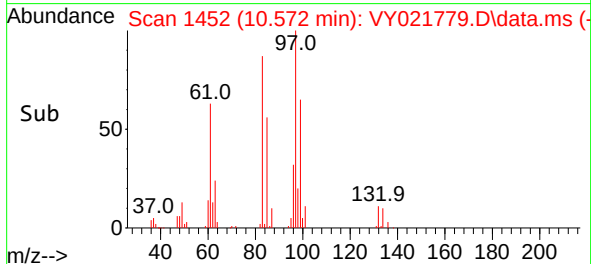
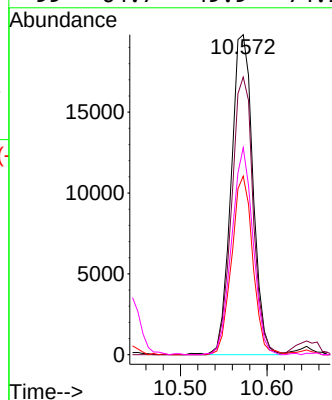
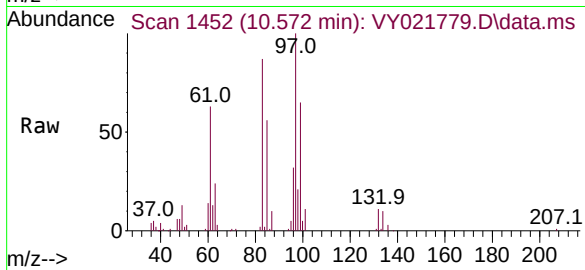
Ion Ratio Lower Upper

97 100

83 86.7 69.5 104.3

85 55.8 43.9 65.9

99 64.7 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.026 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

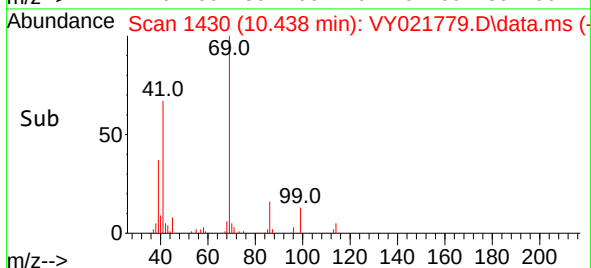
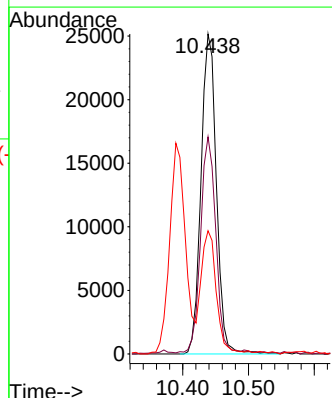
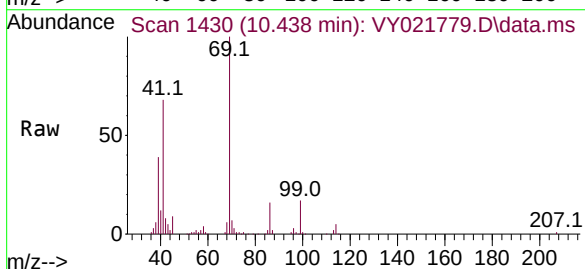
Tgt Ion: 69 Resp: 40910

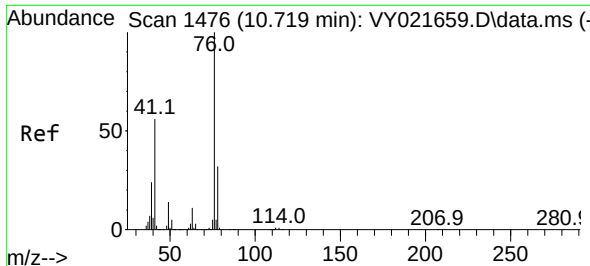
Ion Ratio Lower Upper

69 100

41 66.3 53.8 80.6

39 36.9 29.6 44.4





#57

1,3-Dichloropropane

Concen: 18.868 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

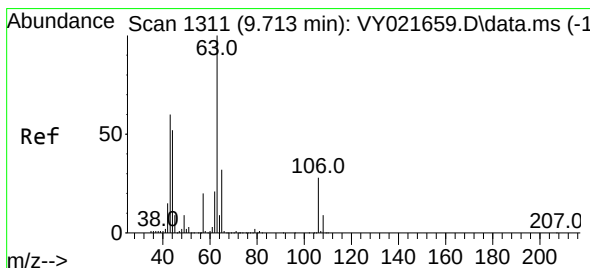
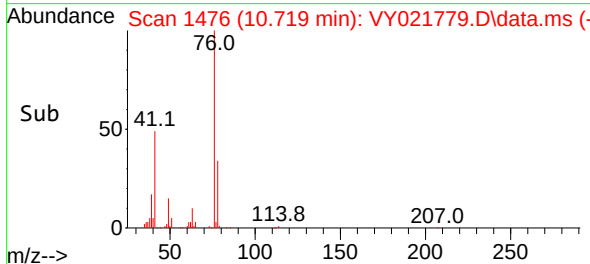
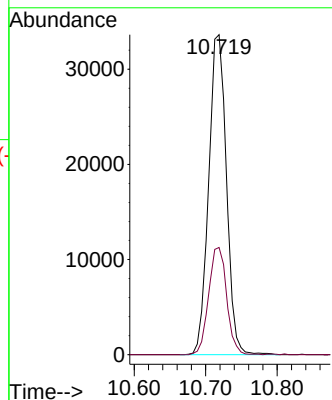
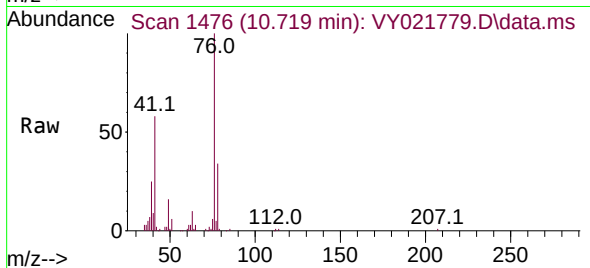
VY0404SBSD01

Tgt Ion: 76 Resp: 57918

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.722 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021779.D

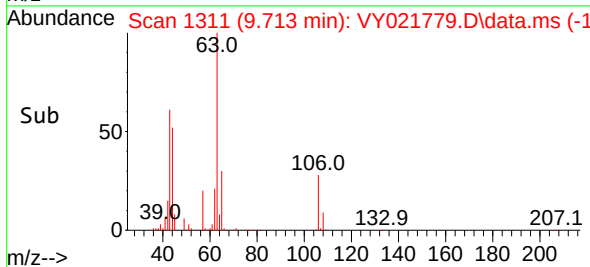
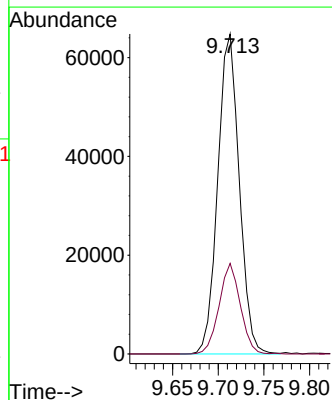
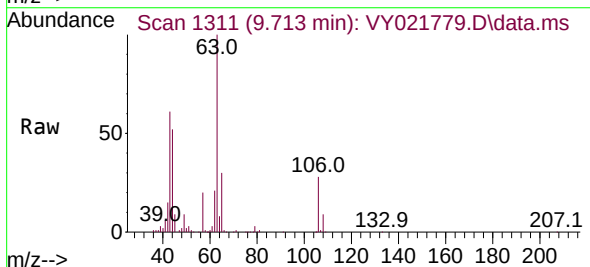
Acq: 04 Apr 2025 10:49

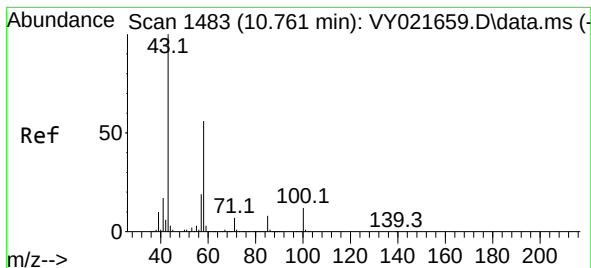
Tgt Ion: 63 Resp: 105979

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

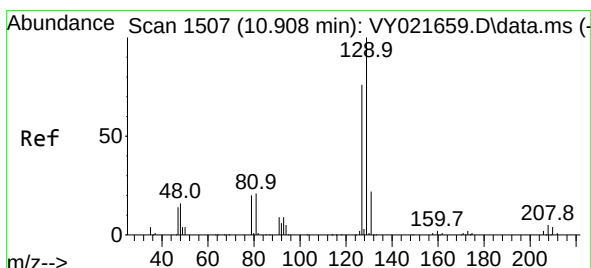
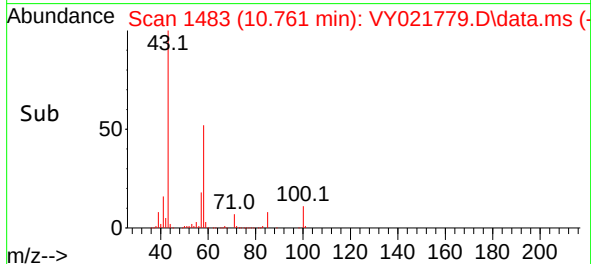
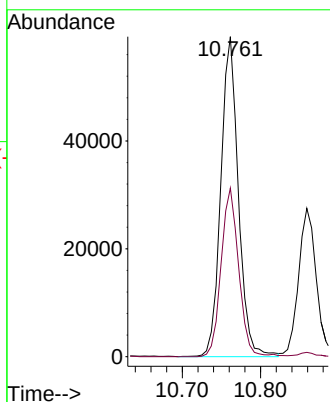
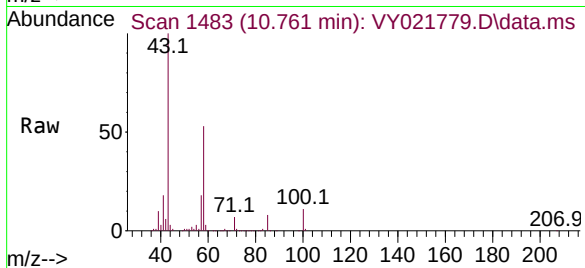




#59
2-Hexanone
Concen: 88.221 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

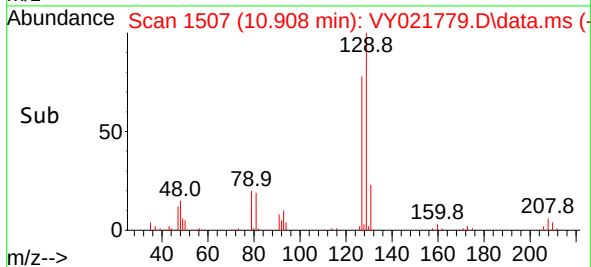
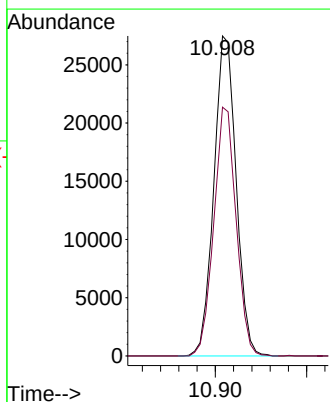
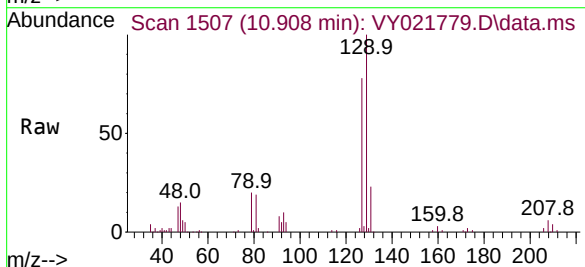
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

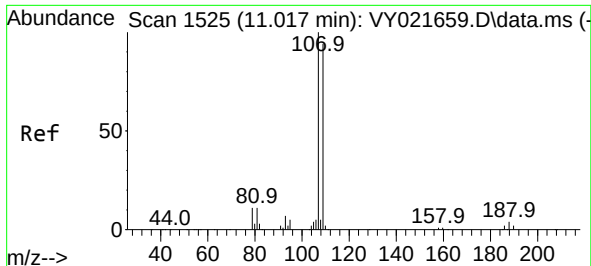
Tgt Ion: 43 Resp: 92448
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.5



#60
Dibromochloromethane
Concen: 19.207 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 129 Resp: 46610
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

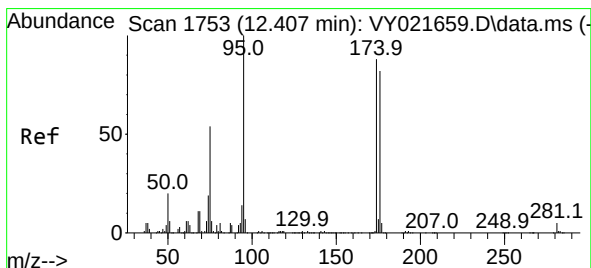
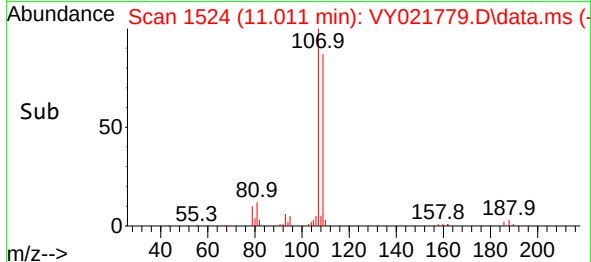
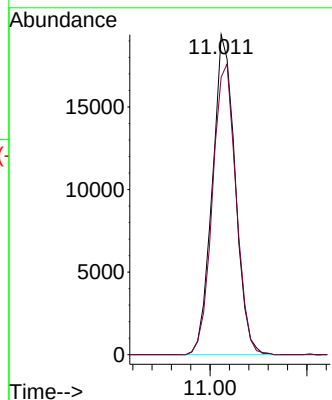
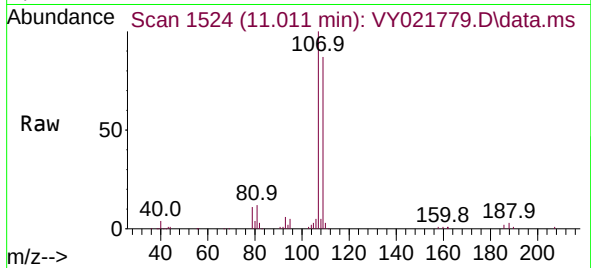




#61
1,2-Dibromoethane
Concen: 18.940 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

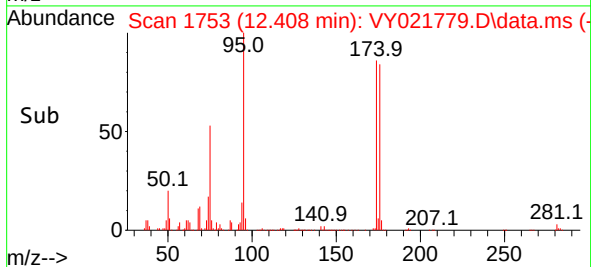
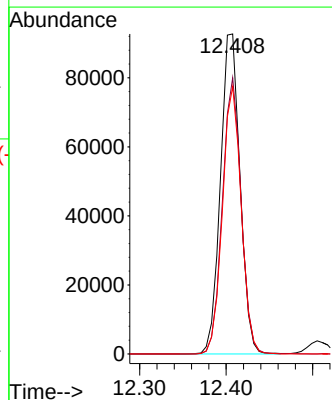
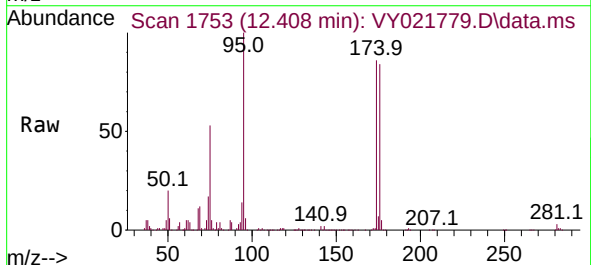
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

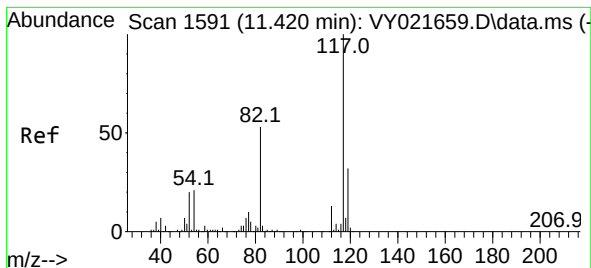
Tgt Ion:107 Resp: 31579
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.018 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 95 Resp: 145713
Ion Ratio Lower Upper
95 100
174 82.4 0.0 170.8
176 80.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

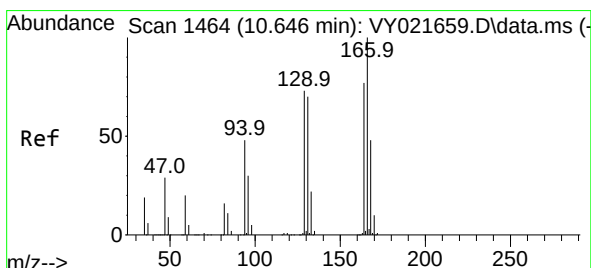
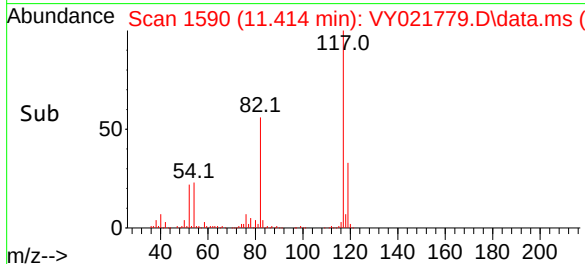
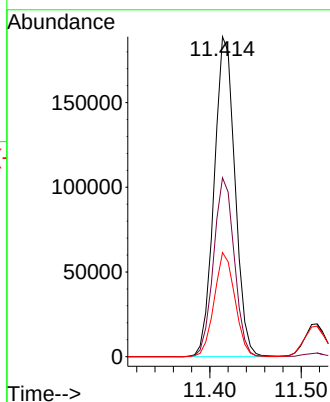
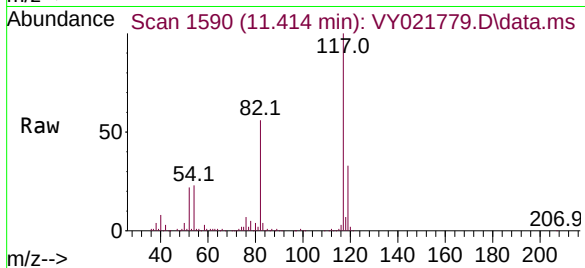
Tgt Ion:117 Resp: 299516

Ion Ratio Lower Upper

117 100

82 55.9 42.8 64.2

119 32.5 25.7 38.5



#64

Tetrachloroethene

Concen: 20.410 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Tgt Ion:164 Resp: 55676

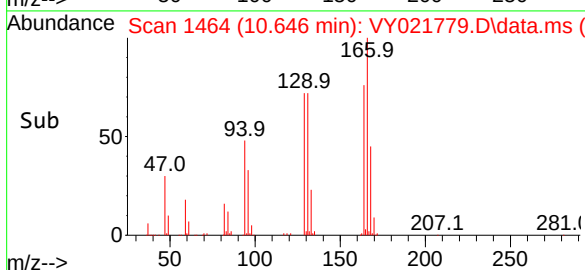
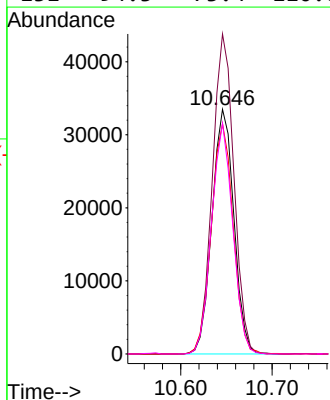
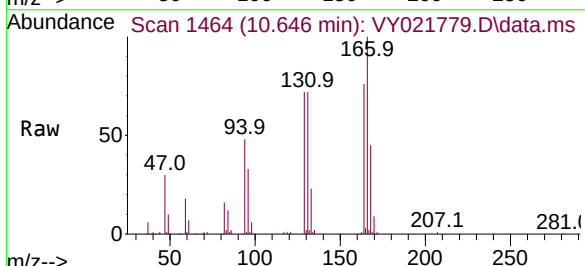
Ion Ratio Lower Upper

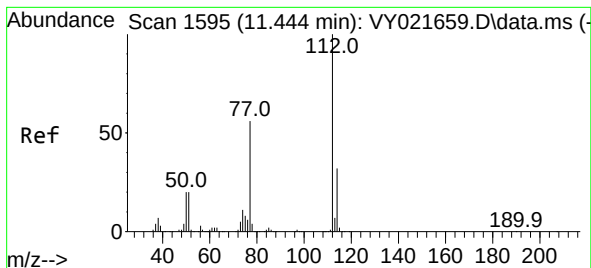
164 100

166 130.8 104.6 156.8

129 94.1 76.6 114.8

131 94.3 73.4 110.0





#65

Chlorobenzene

Concen: 19.170 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

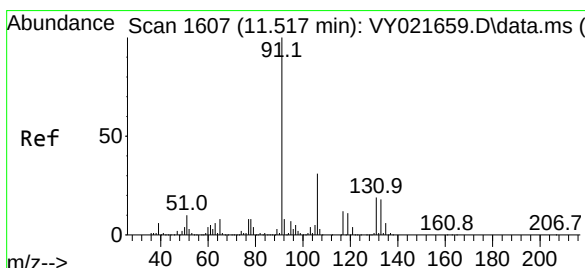
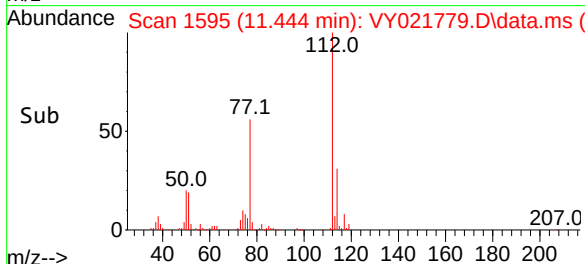
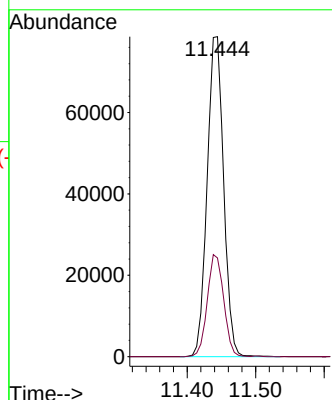
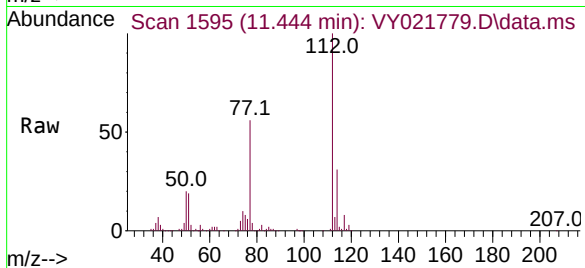
VY0404SBSD01

Tgt Ion:112 Resp: 131622

Ion Ratio Lower Upper

112 100

114 30.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.267 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

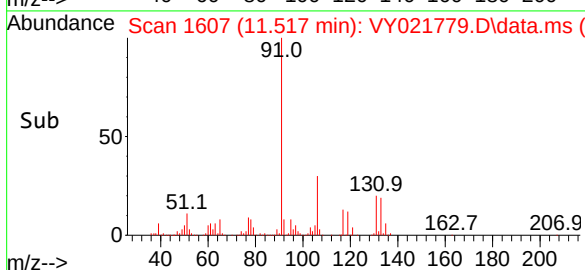
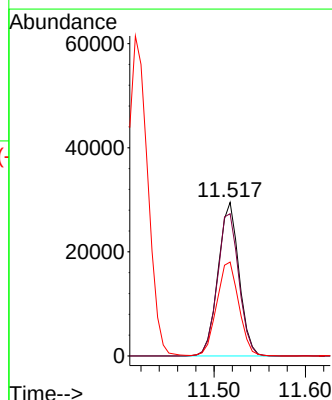
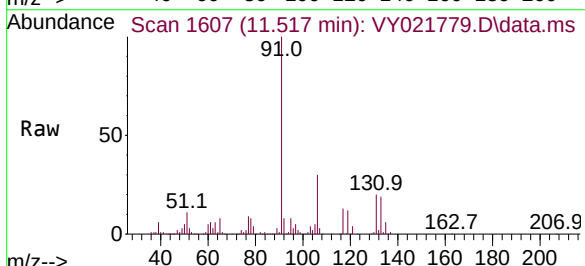
Tgt Ion:131 Resp: 46936

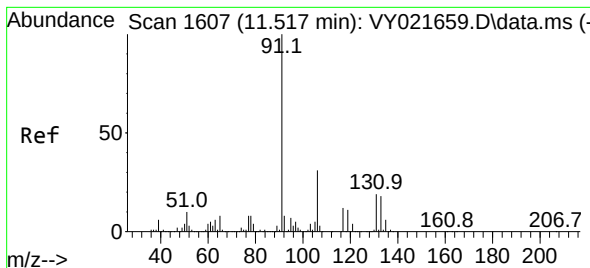
Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

119 64.9 31.6 95.0





#67

Ethyl Benzene

Concen: 18.996 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

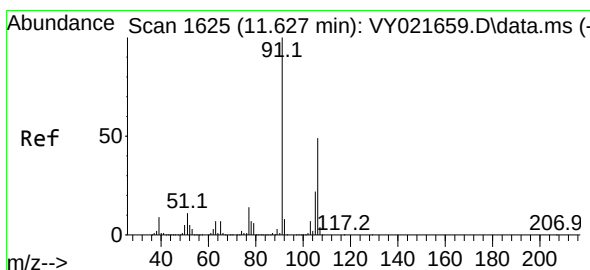
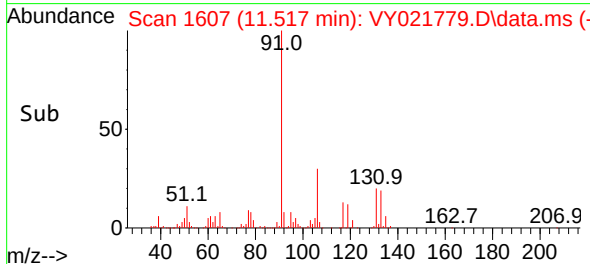
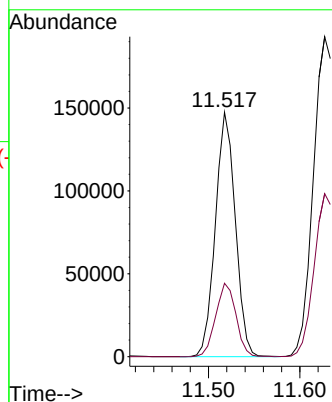
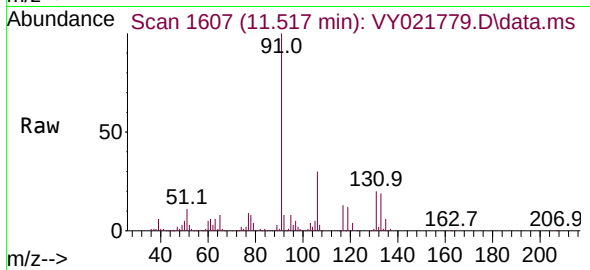
VY0404SBSD01

Tgt Ion: 91 Resp: 223644

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 38.499 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021779.D

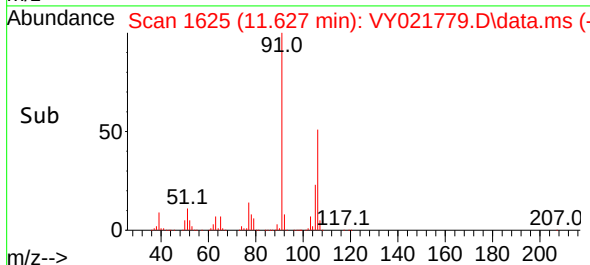
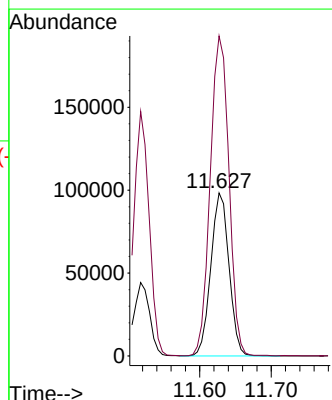
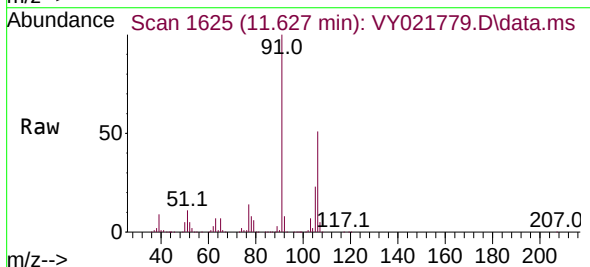
Acq: 04 Apr 2025 10:49

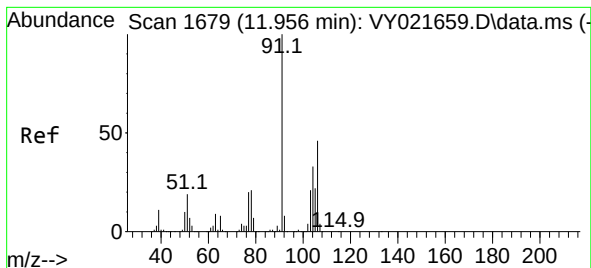
Tgt Ion: 106 Resp: 173569

Ion Ratio Lower Upper

106 100

91 201.9 162.4 243.6





#69

o-Xylene

Concen: 18.794 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

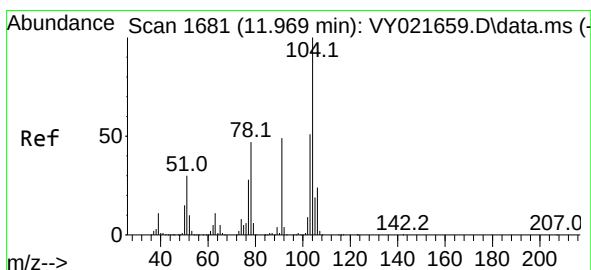
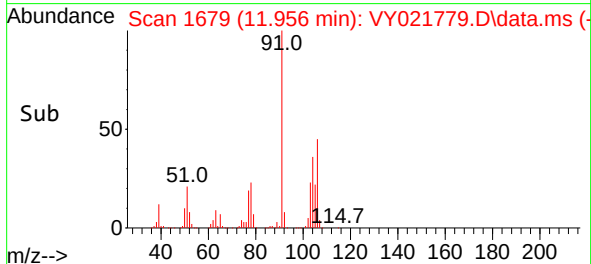
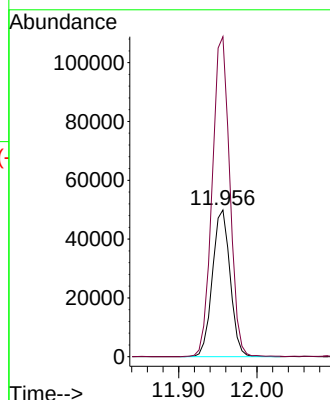
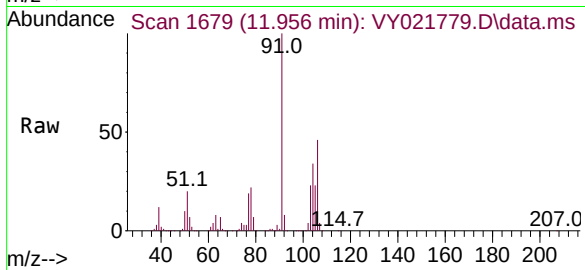
VY0404SBS01

Tgt Ion:106 Resp: 78213

Ion Ratio Lower Upper

106 100

91 216.9 106.7 319.9



#70

Styrene

Concen: 19.111 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

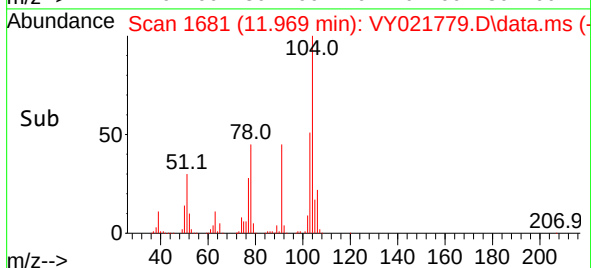
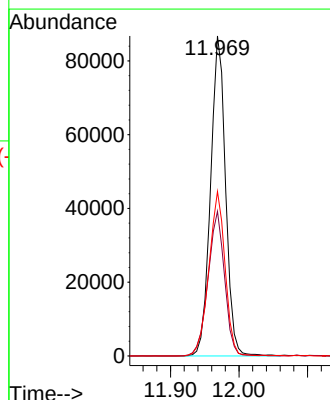
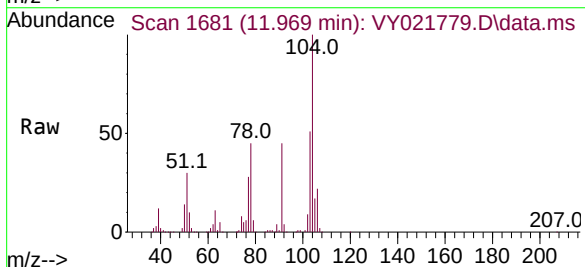
Tgt Ion:104 Resp: 132607

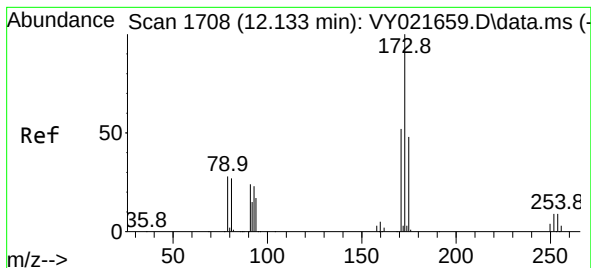
Ion Ratio Lower Upper

104 100

78 49.8 40.8 61.2

103 55.4 44.2 66.2





#71

Bromoform

Concen: 19.678 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

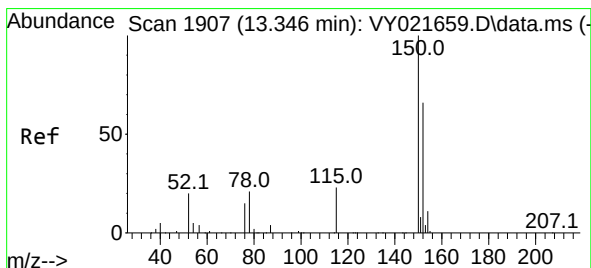
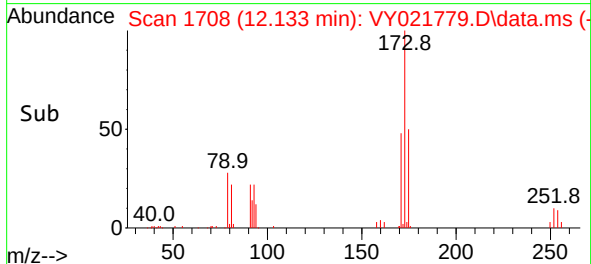
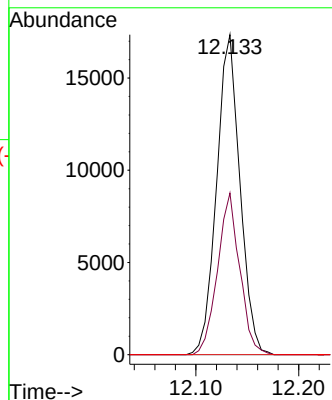
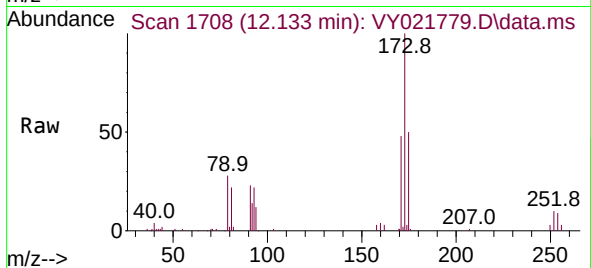
Tgt Ion:173 Resp: 27344

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

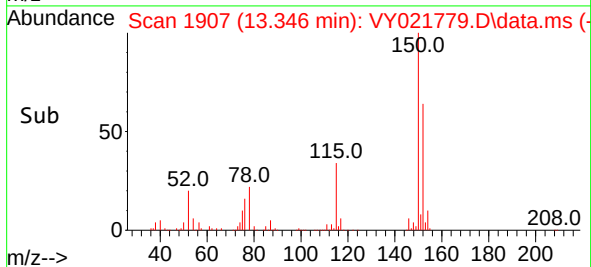
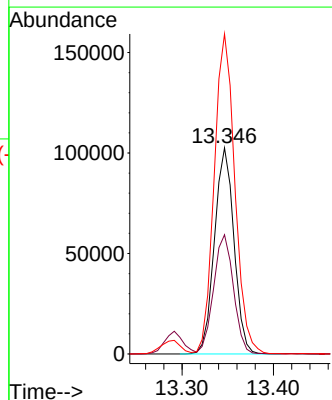
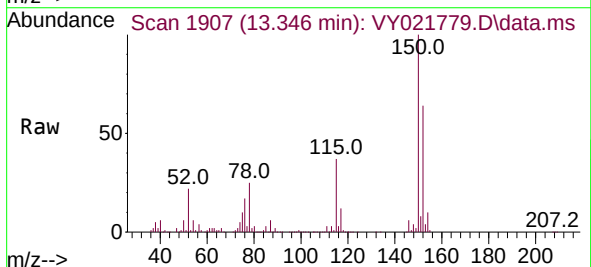
Tgt Ion:152 Resp: 151992

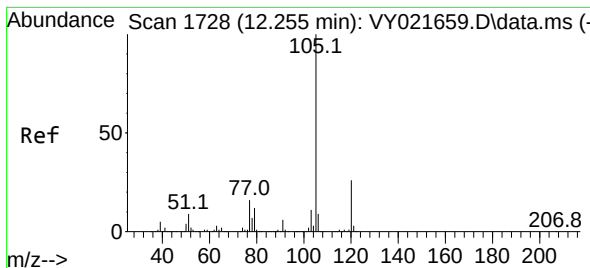
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 164.1 0.0 348.4





#73

Isopropylbenzene

Concen: 18.722 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

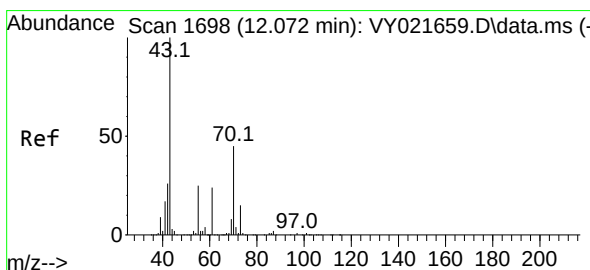
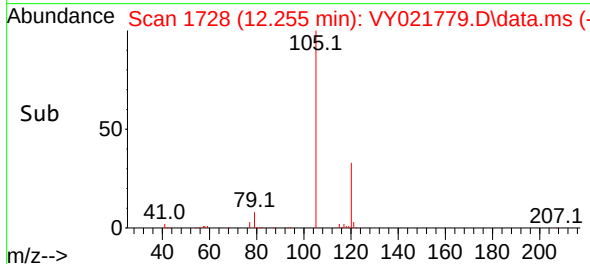
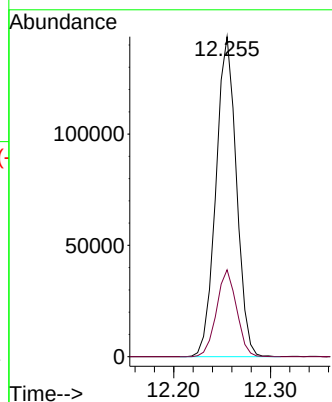
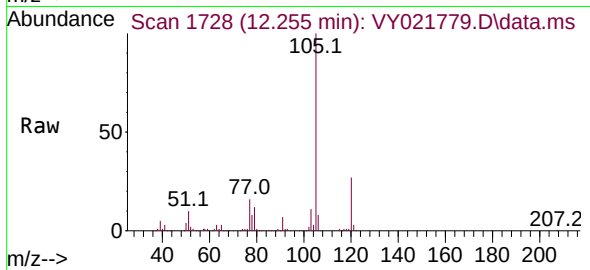
VY0404SBSD01

Tgt Ion:105 Resp: 211355

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 17.347 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Tgt Ion: 43 Resp: 45960

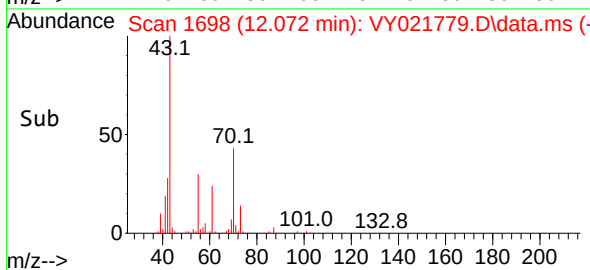
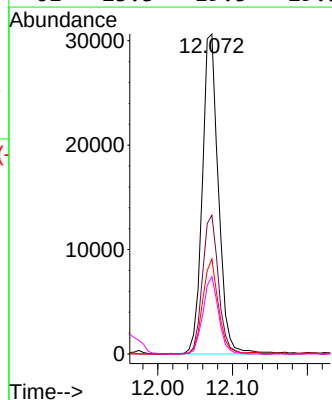
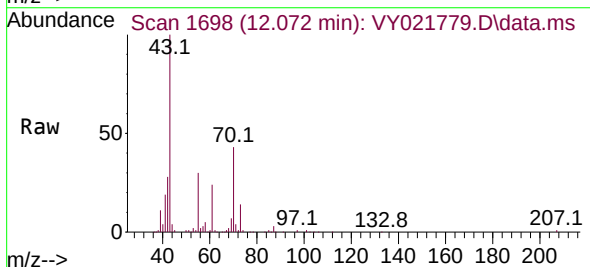
Ion Ratio Lower Upper

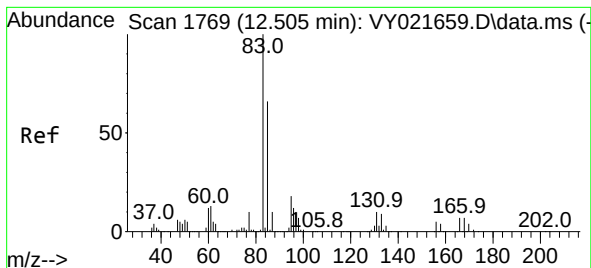
43 100

70 42.9 34.7 52.1

55 29.2 21.2 31.8

61 23.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.859 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

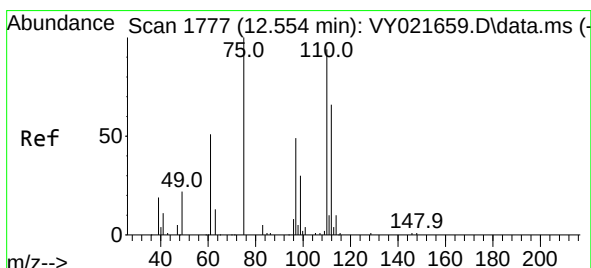
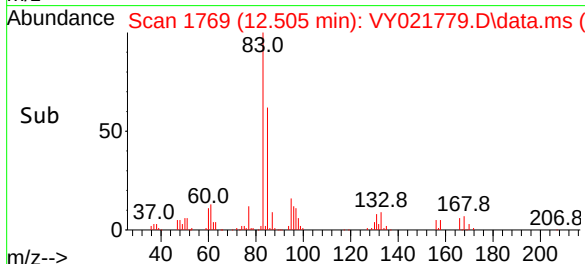
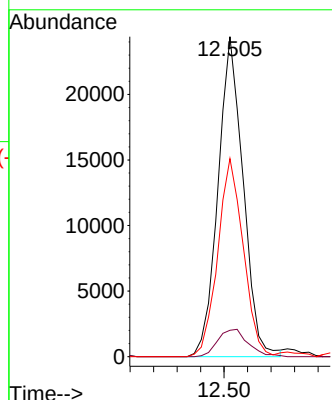
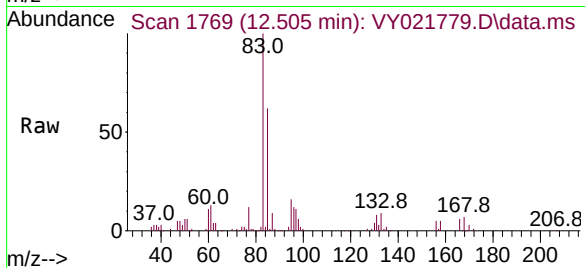
Tgt Ion: 83 Resp: 36248

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 62.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 32.529 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021779.D

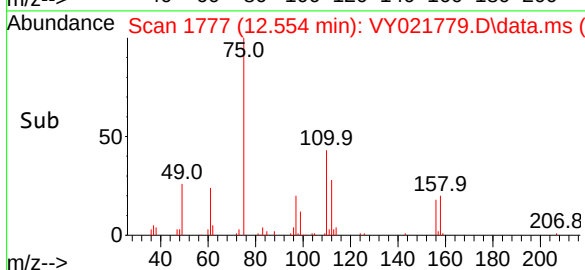
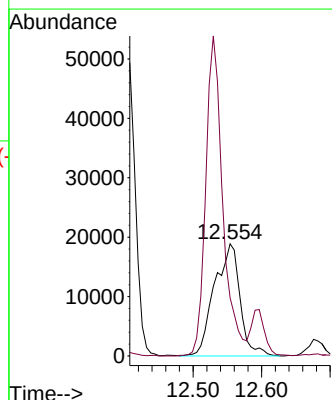
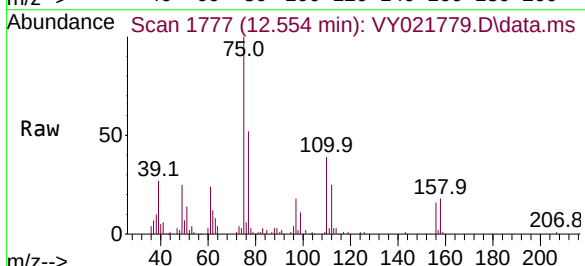
Acq: 04 Apr 2025 10:49

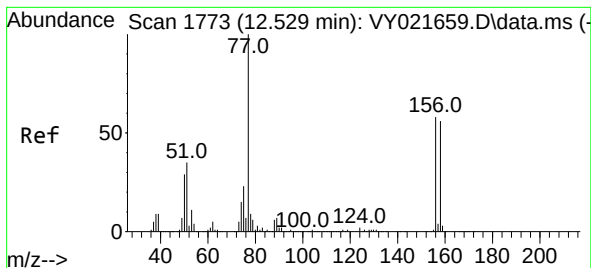
Tgt Ion: 75 Resp: 49009

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.757 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

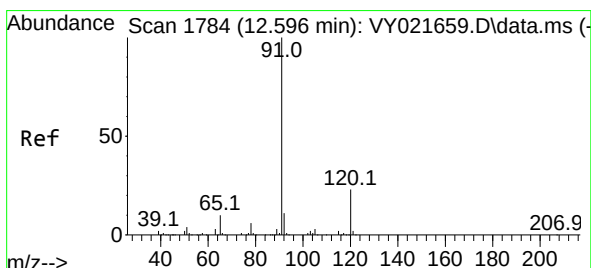
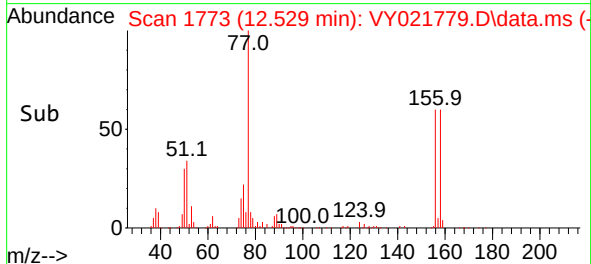
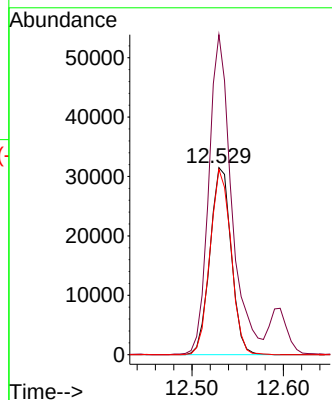
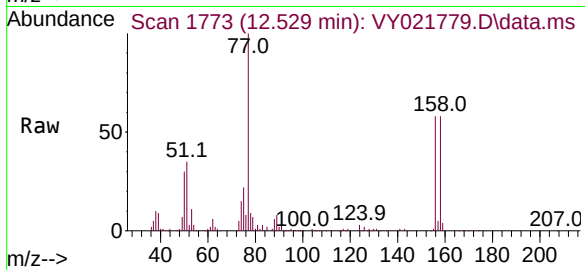
Tgt Ion:156 Resp: 50842

Ion Ratio Lower Upper

156 100

77 184.5 92.8 278.3

158 97.9 48.5 145.6



#78

n-propylbenzene

Concen: 19.126 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021779.D

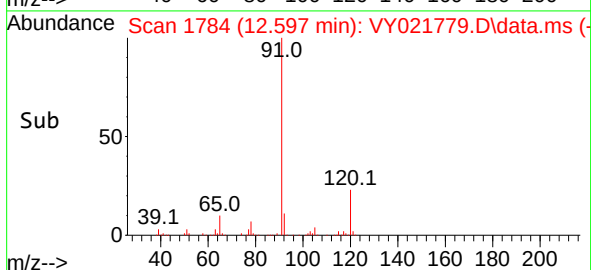
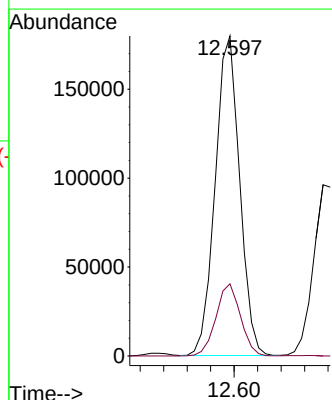
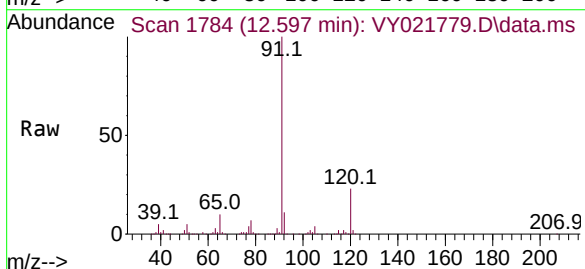
Acq: 04 Apr 2025 10:49

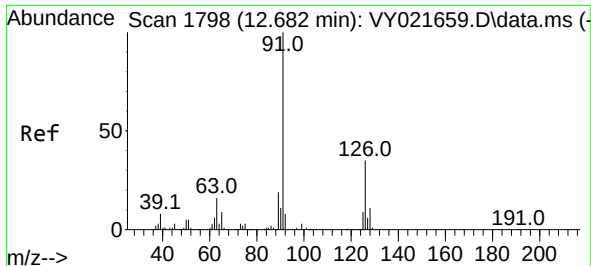
Tgt Ion: 91 Resp: 259575

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

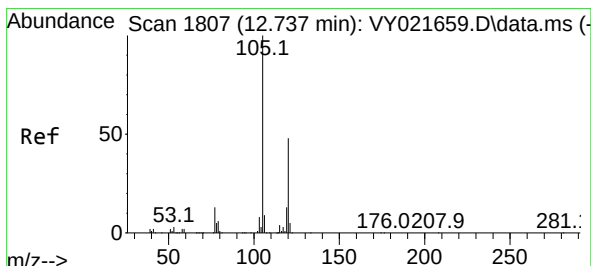
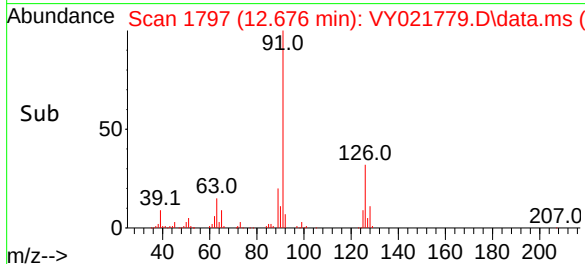
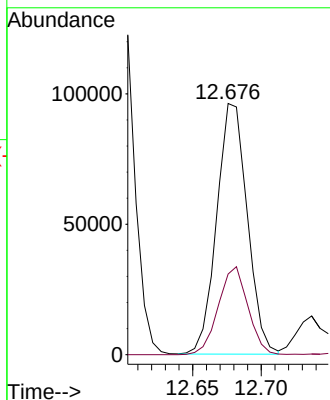
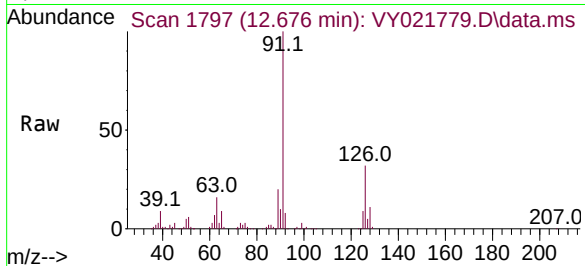




#79
2-Chlorotoluene
Concen: 18.949 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

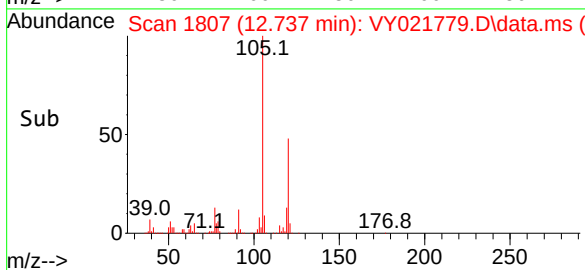
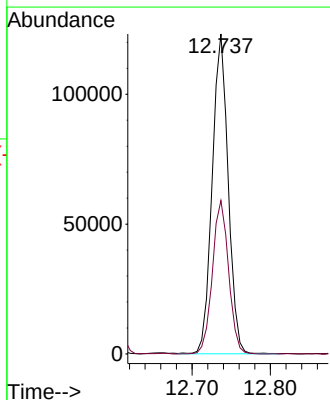
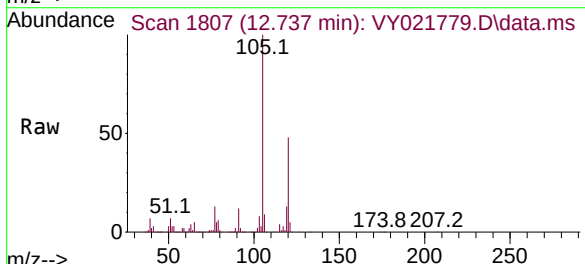
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBS01

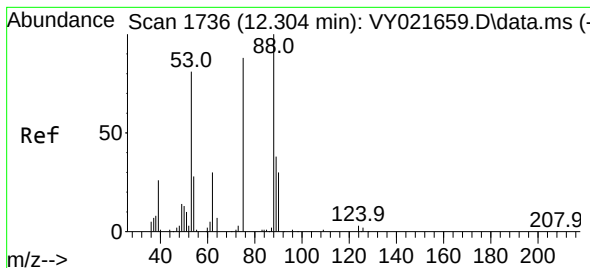
Tgt Ion: 91 Resp: 149376
Ion Ratio Lower Upper
91 100
126 33.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 18.899 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 105 Resp: 174371
Ion Ratio Lower Upper
105 100
120 48.7 24.5 73.5

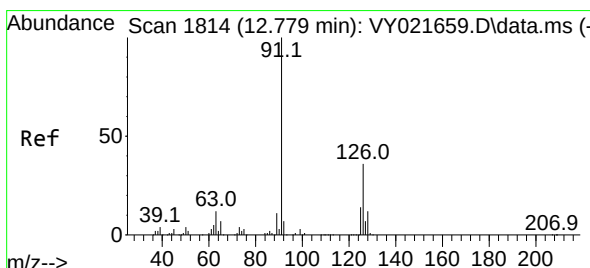
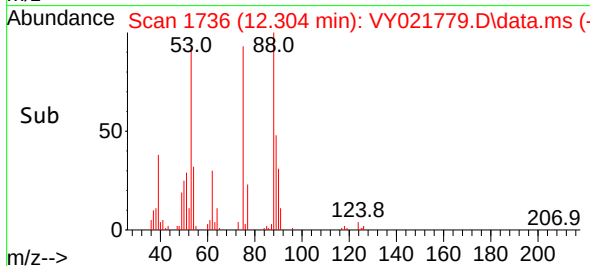
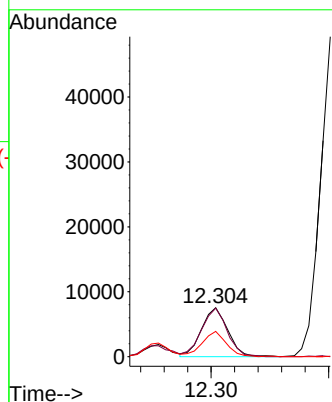
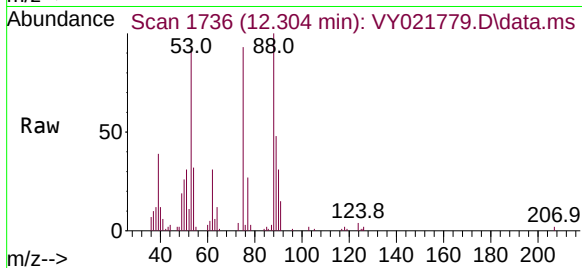




#81
trans-1,4-Dichloro-2-butene
Concen: 17.932 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

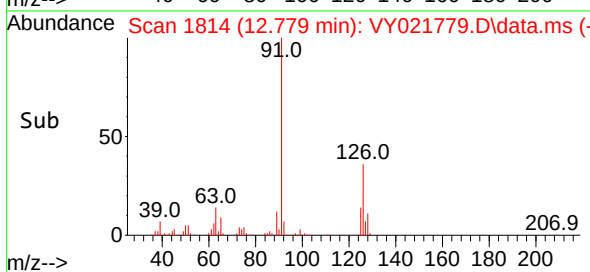
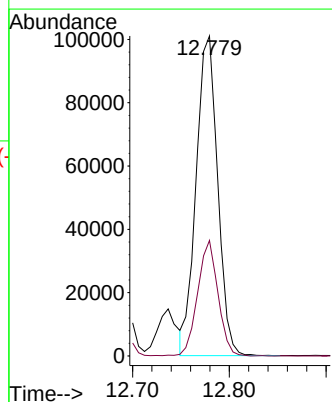
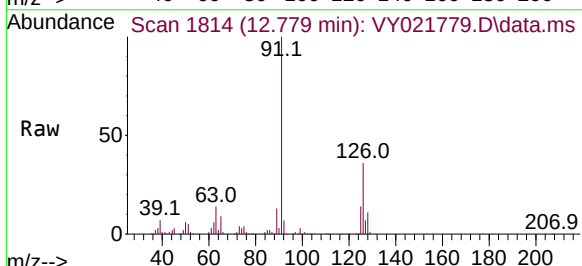
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

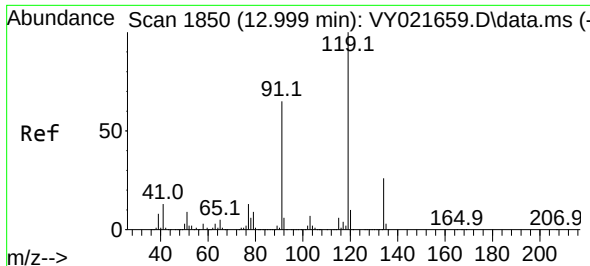
Tgt Ion: 75 Resp: 11725
Ion Ratio Lower Upper
75 100
53 96.7 76.1 114.1
89 47.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.034 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 91 Resp: 156430
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

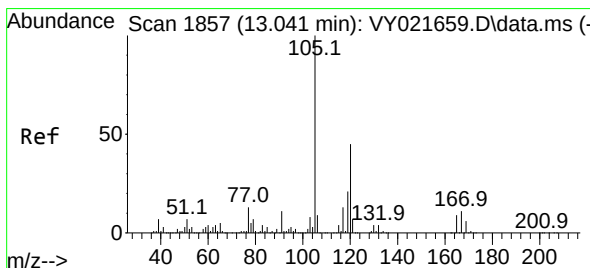
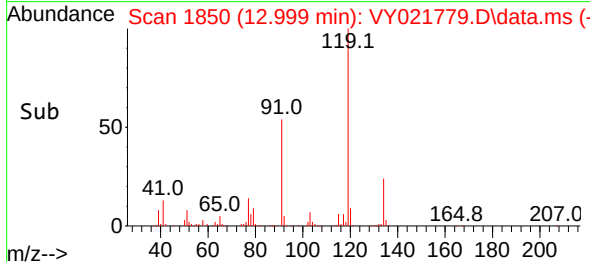
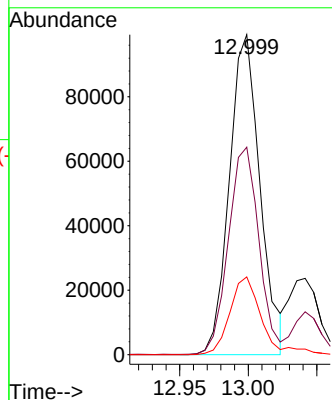
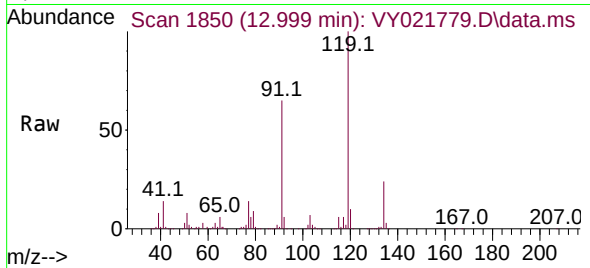




#83
 tert-Butylbenzene
 Concen: 18.819 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

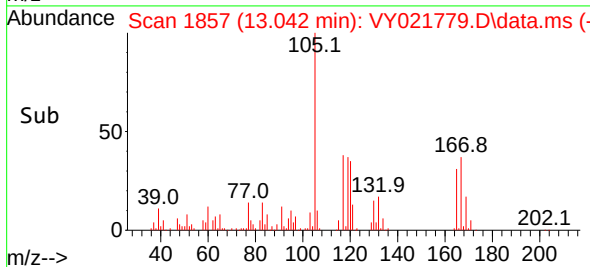
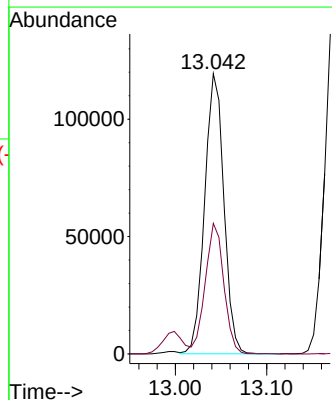
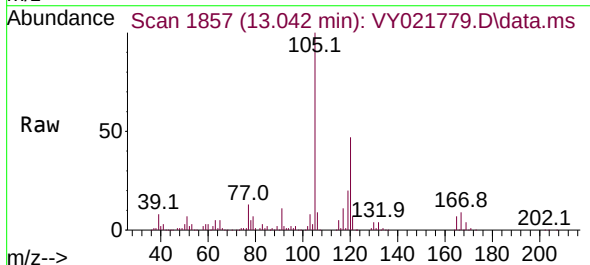
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

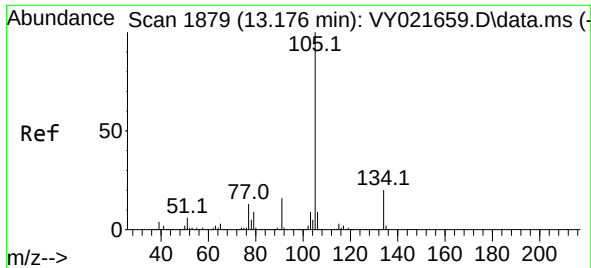
Tgt Ion:119 Resp: 154652
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.6 97.7
 134 25.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.044 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion:105 Resp: 173659
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

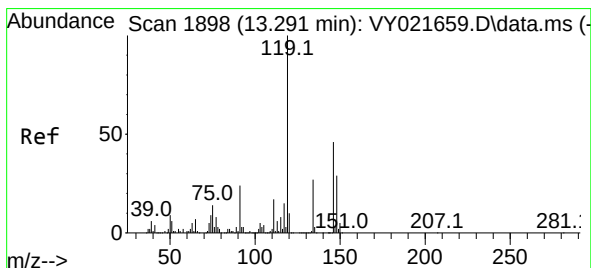
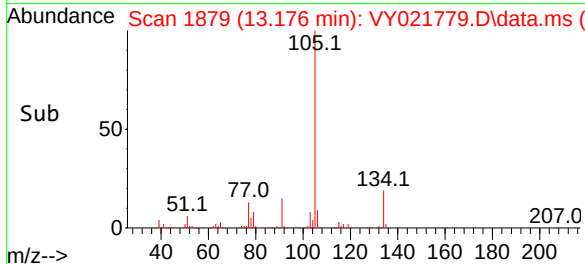
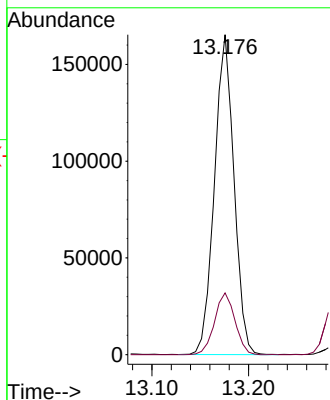
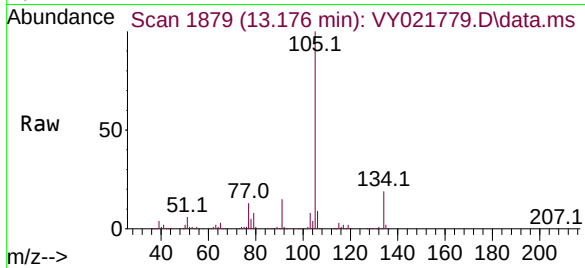




#85
 sec-Butylbenzene
 Concen: 19.291 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

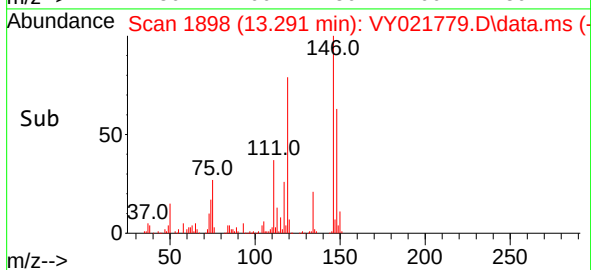
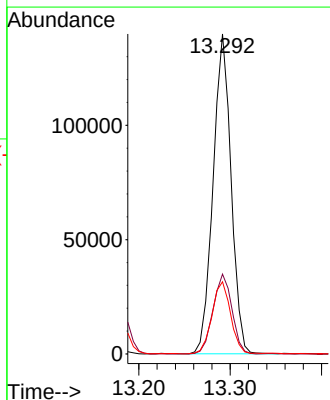
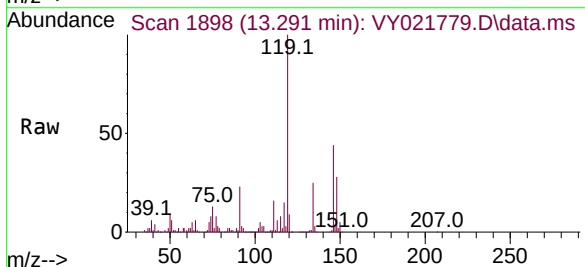
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

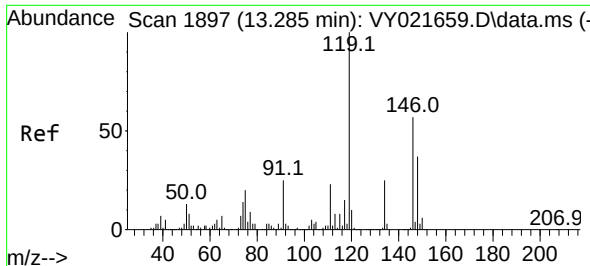
Tgt Ion:105 Resp: 231681
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.237 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion:119 Resp: 190946
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.5 12.0 36.0

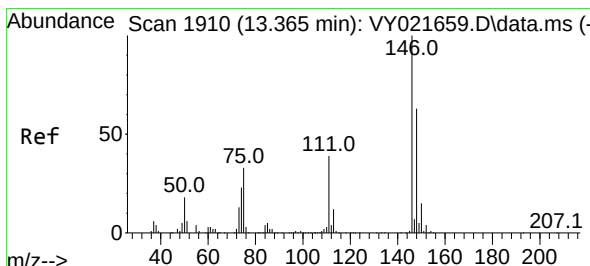
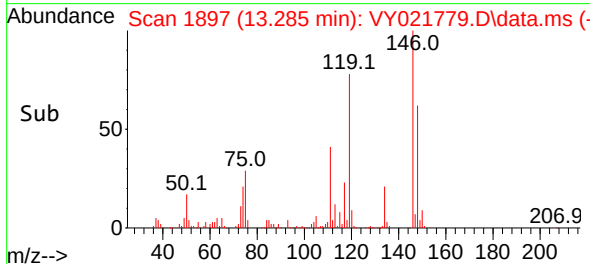
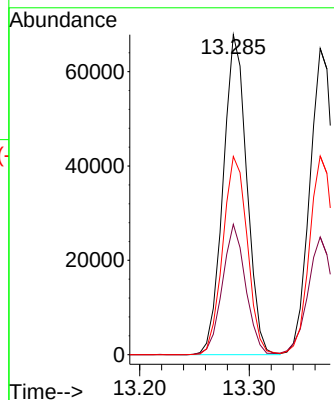
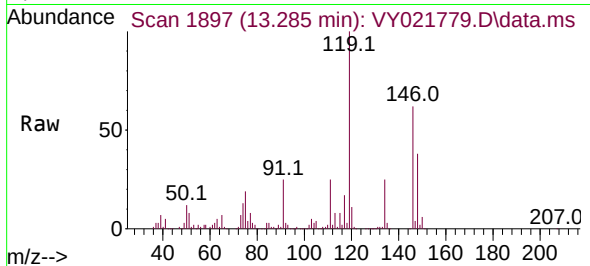




#87
 1,3-Dichlorobenzene
 Concen: 19.103 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

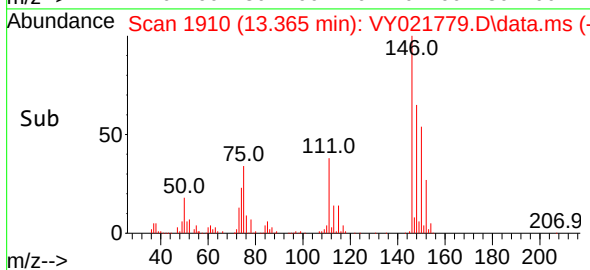
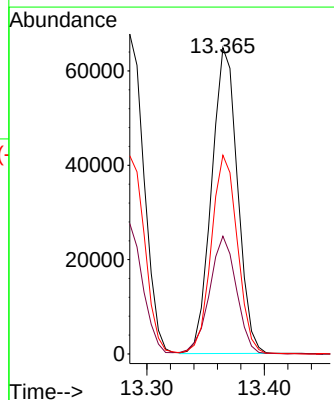
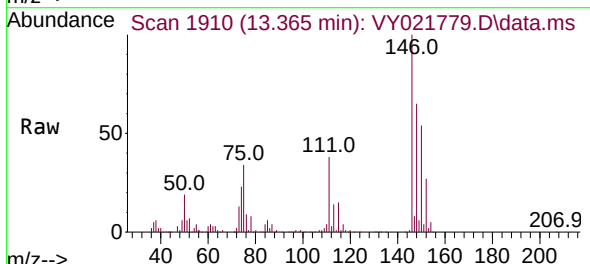
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

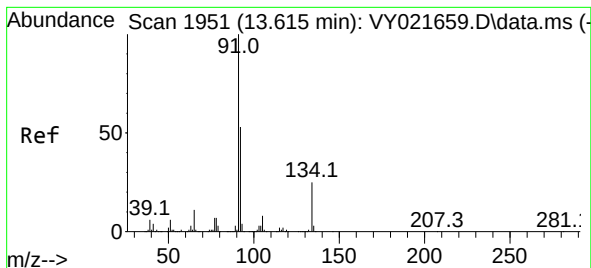
Tgt Ion:146 Resp: 102012
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.879 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021779.D
 Acq: 04 Apr 2025 10:49

Tgt Ion:146 Resp: 99610
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.1 57.1
 148 65.6 31.5 94.5





#89

n-Butylbenzene

Concen: 18.688 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

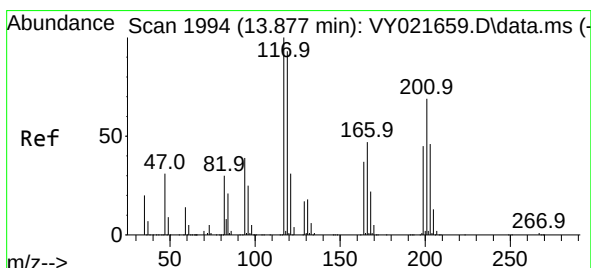
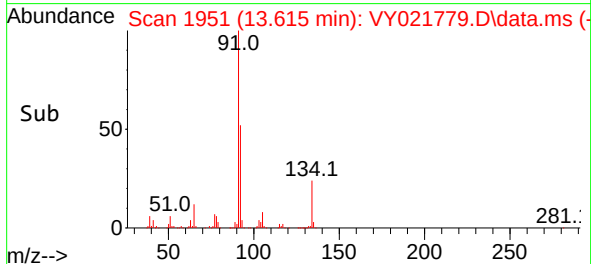
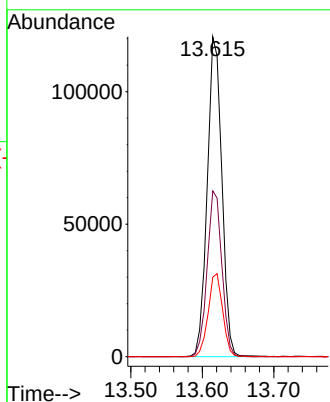
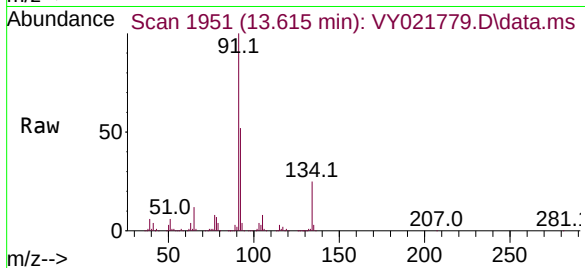
Tgt Ion: 91 Resp: 171547

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.7 12.8 38.4



#90

Hexachloroethane

Concen: 18.858 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021779.D

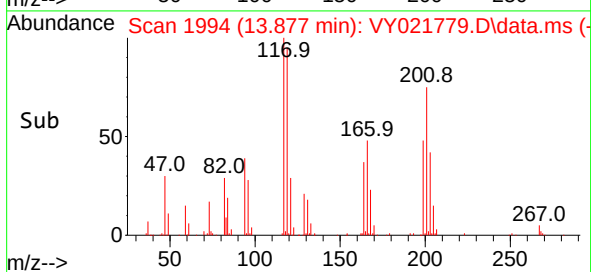
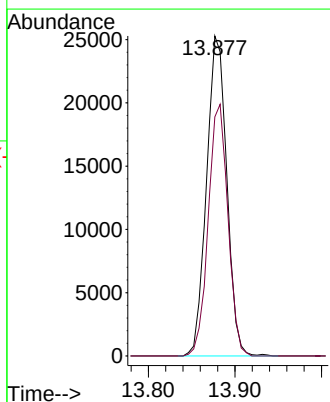
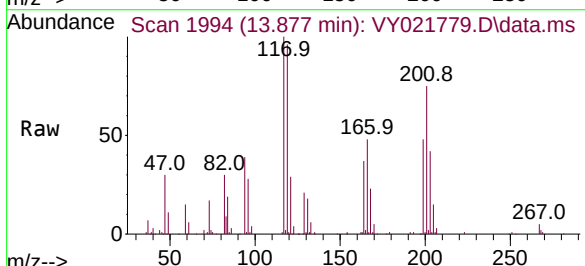
Acq: 04 Apr 2025 10:49

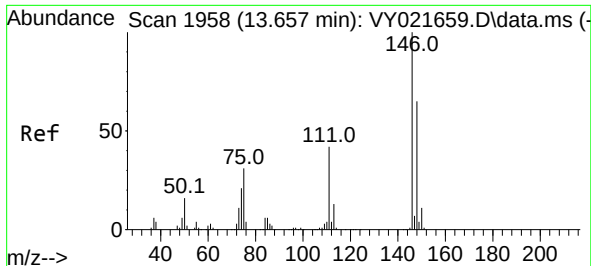
Tgt Ion: 117 Resp: 41020

Ion Ratio Lower Upper

117 100

201 76.5 37.4 112.1

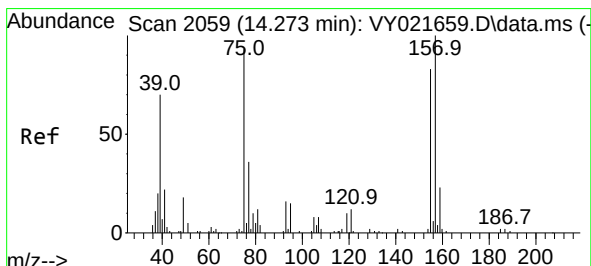
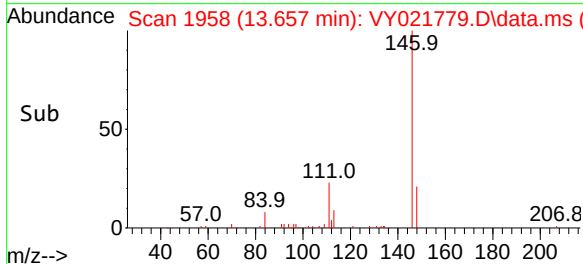
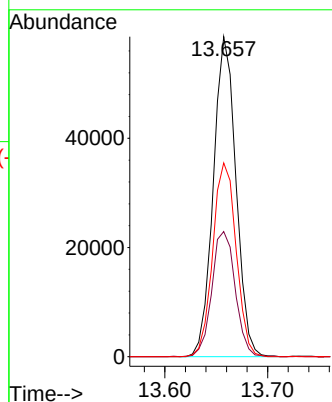
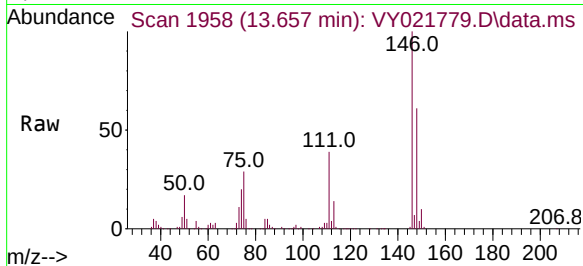




#91
1,2-Dichlorobenzene
Concen: 19.263 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

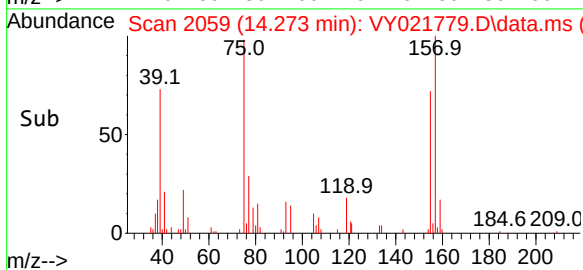
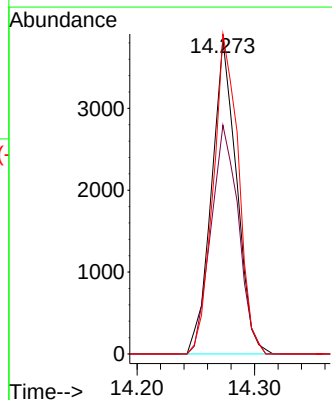
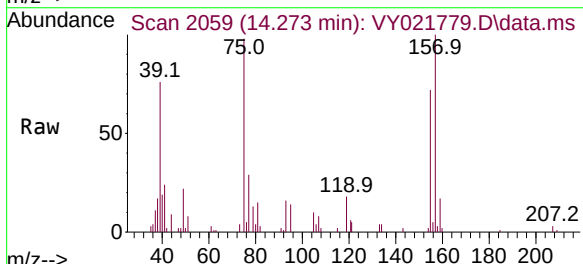
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

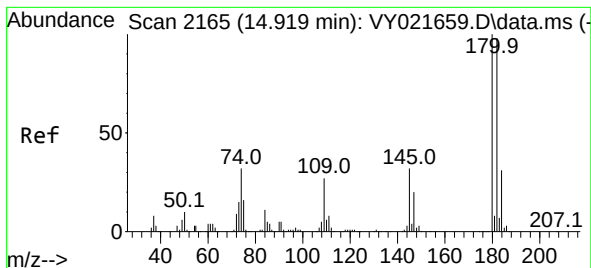
Tgt Ion:146 Resp: 89545
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 62.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.104 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021779.D
Acq: 04 Apr 2025 10:49

Tgt Ion: 75 Resp: 5695
Ion Ratio Lower Upper
75 100
155 79.3 43.0 128.8
157 102.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.388 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBSD01

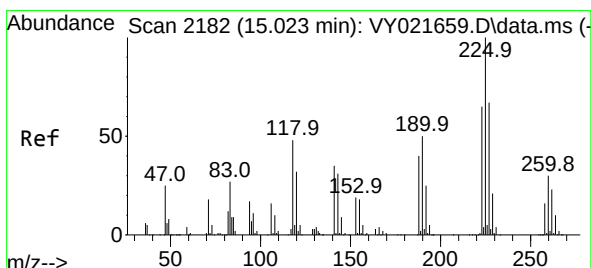
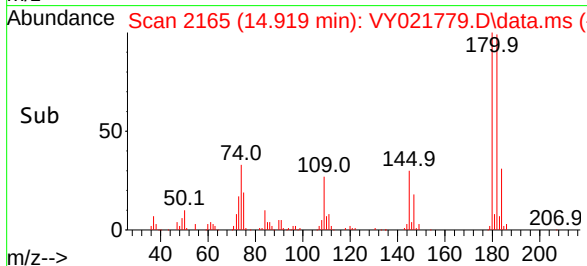
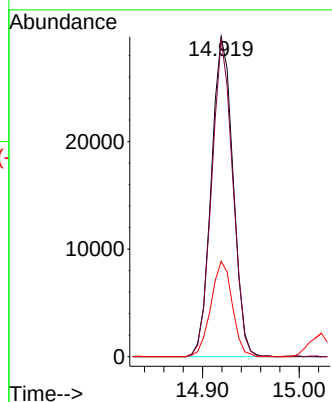
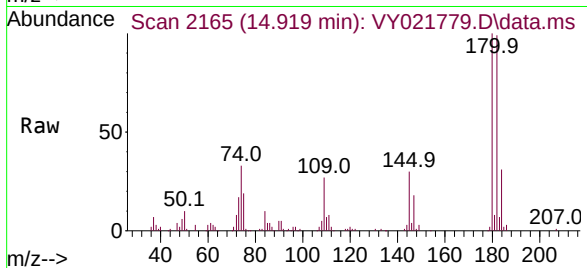
Tgt Ion:180 Resp: 46354

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 29.3 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.118 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

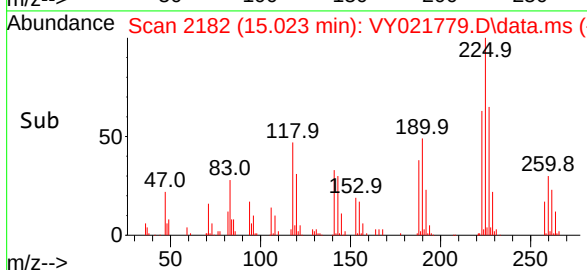
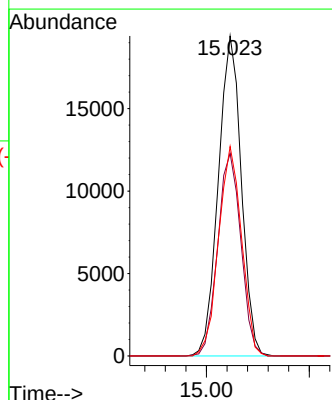
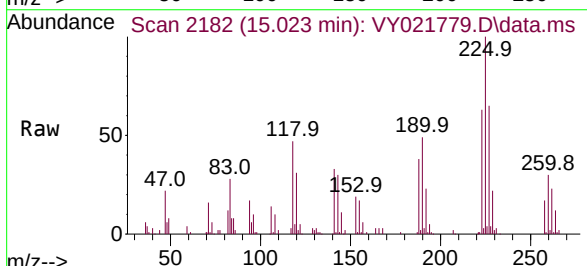
Tgt Ion:225 Resp: 30099

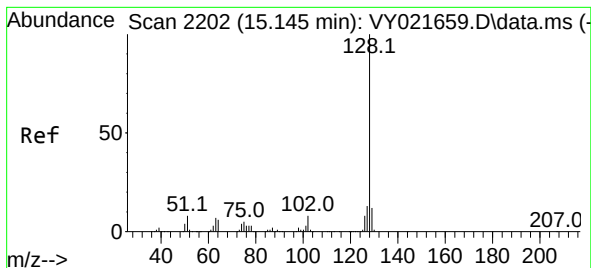
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.7

227 65.4 32.4 97.0





#95

Naphthalene

Concen: 17.176 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBS01

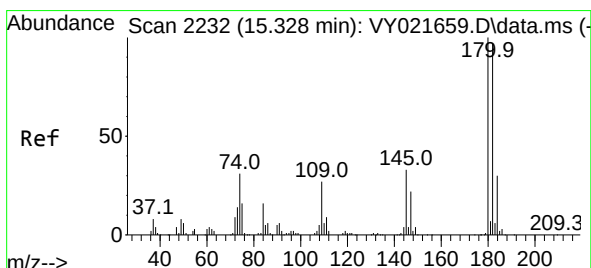
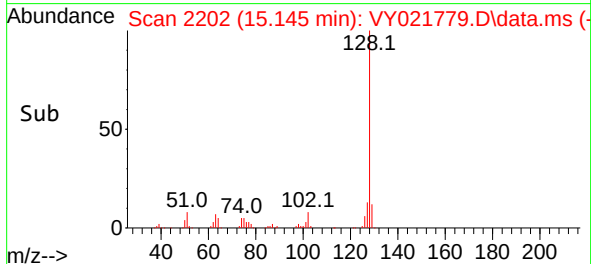
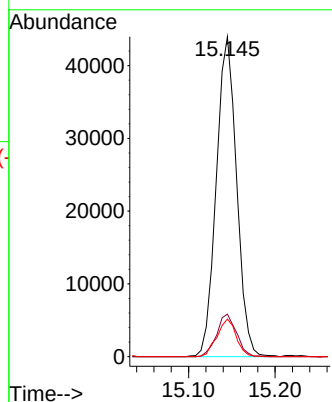
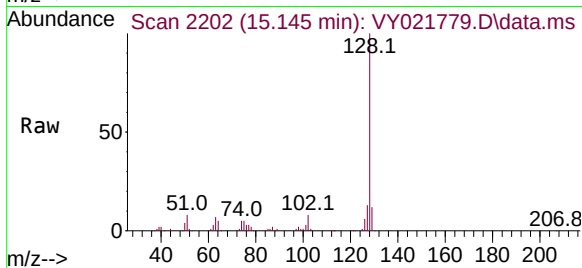
Tgt Ion:128 Resp: 71772

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.186 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021779.D

Acq: 04 Apr 2025 10:49

Tgt Ion:180 Resp: 39094

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 32.4 15.9 47.7

