

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020001.D
 Acq On : 24 Oct 2024 10:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:36:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	232783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	418258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	359637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	173628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148460	51.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.600%	
35) Dibromofluoromethane	7.634	113	141243	51.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.109	98	508949	49.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	12.408	95	187467	50.903	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89569	41.333	ug/l	99
3) Chloromethane	2.074	50	143461	50.865	ug/l	99
4) Vinyl Chloride	2.208	62	168266	54.215	ug/l	96
5) Bromomethane	2.598	94	110316	56.155	ug/l	95
6) Chloroethane	2.739	64	119702	57.410	ug/l	96
7) Trichlorofluoromethane	3.062	101	247001	53.484	ug/l	98
8) Diethyl Ether	3.458	74	71362	50.843	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.818	101	141288	52.596	ug/l	90
10) Methyl Iodide	4.007	142	131050	48.236	ug/l	90
11) Tert butyl alcohol	4.866	59	53541	229.101	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	125623	50.304	ug/l	# 78
13) Acrolein	3.653	56	26502	125.834	ug/l	95
14) Allyl chloride	4.391	41	245700	54.529	ug/l	# 88
15) Acrylonitrile	5.061	53	180493	281.147	ug/l	98
16) Acetone	3.873	43	228988	306.901	ug/l	# 82
17) Carbon Disulfide	4.110	76	284528	42.507	ug/l	99
18) Methyl Acetate	4.385	43	95018	59.117	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	390492	54.427	ug/l	100
20) Methylene Chloride	4.616	84	150310	54.595	ug/l	# 80
21) trans-1,2-Dichloroethene	5.122	96	140542	51.708	ug/l	87
22) Diisopropyl ether	6.018	45	587507	59.860	ug/l	# 89
23) Vinyl Acetate	5.958	43	1616943	287.377	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	320368	58.721	ug/l	96
25) 2-Butanone	6.896	43	287911	288.281	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	271927	55.967	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	188719	56.185	ug/l	81
28) Bromochloromethane	7.244	49	135462	56.411	ug/l	# 70
29) Tetrahydrofuran	7.262	42	159457	279.629	ug/l	# 82
30) Chloroform	7.421	83	327437	58.876	ug/l	100
31) Cyclohexane	7.701	56	245677	51.298	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	281939	57.847	ug/l	95
36) 1,1-Dichloropropene	7.841	75	215678	54.240	ug/l	95
37) Ethyl Acetate	6.982	43	111358	53.707	ug/l	96
38) Carbon Tetrachloride	7.823	117	235281	55.195	ug/l	99
39) Methylcyclohexane	9.109	83	260045	51.903	ug/l	# 87
40) Benzene	8.079	78	658602	54.729	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	58728	52.334	ug/l	90
42) 1,2-Dichloroethane	8.158	62	195495	56.546	ug/l	94
43) Isopropyl Acetate	8.195	43	229416	54.254	ug/l #	75
44) Trichloroethene	8.866	130	152811	52.429	ug/l	94
45) 1,2-Dichloropropane	9.140	63	172695	57.335	ug/l	99
46) Dibromomethane	9.231	93	87003	52.868	ug/l	90
47) Bromodichloromethane	9.426	83	250585	57.367	ug/l	99
48) Methyl methacrylate	9.219	41	105325	56.625	ug/l #	80
49) 1,4-Dioxane	9.237	88	19218	1043.398	ug/l #	76
51) 4-Methyl-2-Pentanone	9.999	43	617833	286.456	ug/l	88
52) Toluene	10.170	92	422863	56.294	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	216124	54.990	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	259380	55.931	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	120959	55.789	ug/l	96
56) Ethyl methacrylate	10.438	69	170842	54.914	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	211756	55.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	414150	285.953	ug/l	92
59) 2-Hexanone	10.762	43	444614	288.623	ug/l	87
60) Dibromochloromethane	10.908	129	153724	55.239	ug/l	99
61) 1,2-Dibromoethane	11.018	107	104176	53.171	ug/l	97
64) Tetrachloroethene	10.646	164	127556	49.865	ug/l	93
65) Chlorobenzene	11.444	112	452057	54.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	155895	56.016	ug/l	97
67) Ethyl Benzene	11.517	91	847998	56.751	ug/l	98
68) m/p-Xylenes	11.627	106	611746	110.852	ug/l	91
69) o-Xylene	11.956	106	295098	55.655	ug/l	91
70) Styrene	11.969	104	510026	57.014	ug/l	96
71) Bromoform	12.133	173	80653	54.135	ug/l #	94
73) Isopropylbenzene	12.255	105	812217	55.615	ug/l	97
74) N-amyl acetate	12.072	43	211253	54.614	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	145126	55.925	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	183764	54.027	ug/l #	100
77) Bromobenzene	12.530	156	160829	51.895	ug/l	81
78) n-propylbenzene	12.597	91	1000442	56.693	ug/l	97
79) 2-Chlorotoluene	12.682	91	556787	55.036	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	653964	55.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	45044	53.454	ug/l #	83
82) 4-Chlorotoluene	12.779	91	578077	55.883	ug/l	93
83) tert-Butylbenzene	12.999	119	599060	56.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	650881	55.662	ug/l	96
85) sec-Butylbenzene	13.176	105	904903	57.322	ug/l	98
86) p-Isopropyltoluene	13.292	119	713726	55.678	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	331871	53.027	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	325933	53.011	ug/l	96
89) n-Butylbenzene	13.621	91	721021	57.603	ug/l	97
90) Hexachloroethane	13.883	117	141067	56.515	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	293777	53.422	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20336	49.103	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	151282	49.061	ug/l	96
94) Hexachlorobutadiene	15.023	225	83544	48.733	ug/l	99
95) Naphthalene	15.145	128	286179	49.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	125653	48.206	ug/l	98

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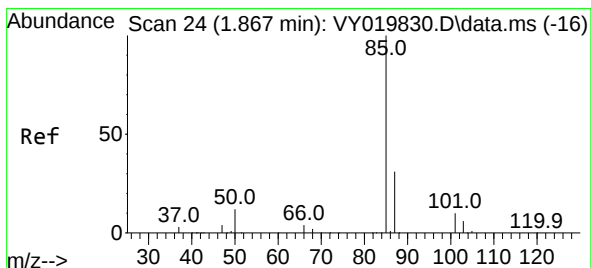
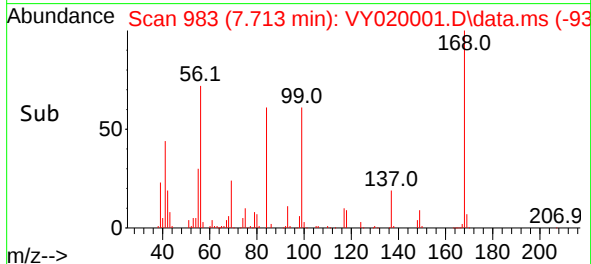
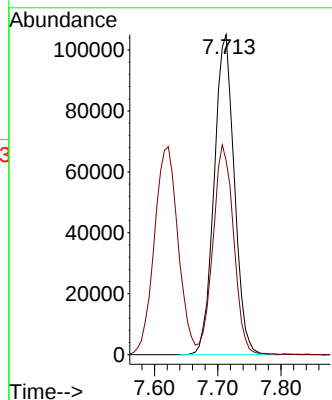
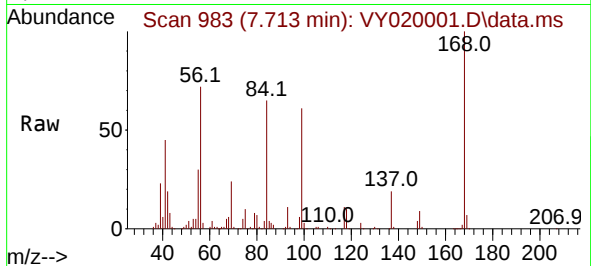
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020001.D
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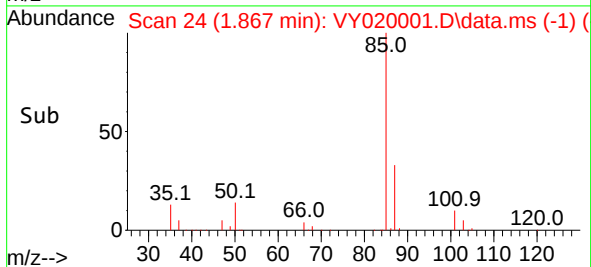
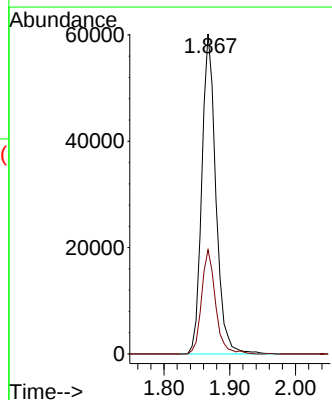
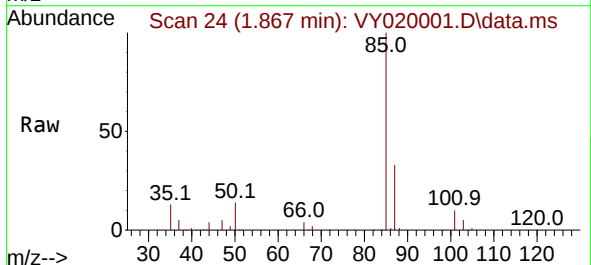
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ClientSampleId :

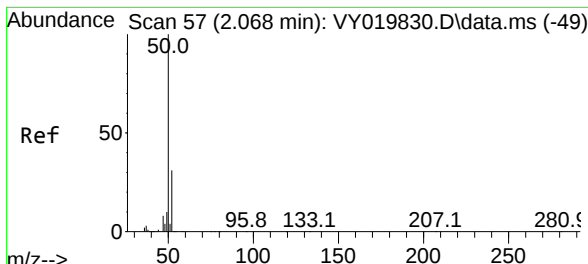
Tgt Ion:168 Resp: 232783
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.333 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 85 Resp: 89569
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

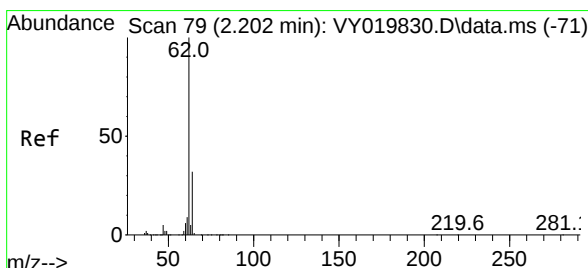
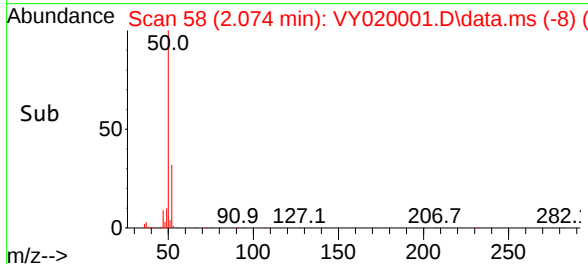
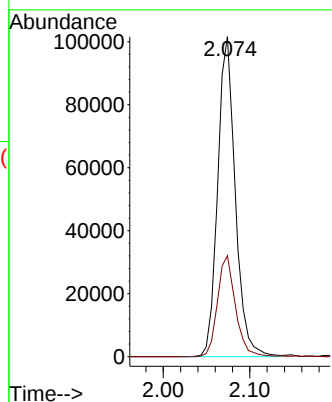
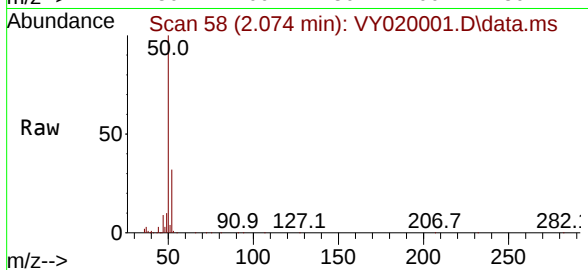




#3
Chloromethane
Concen: 50.865 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

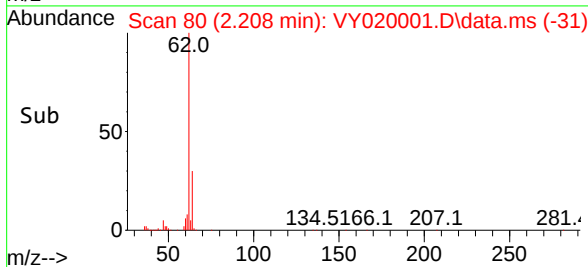
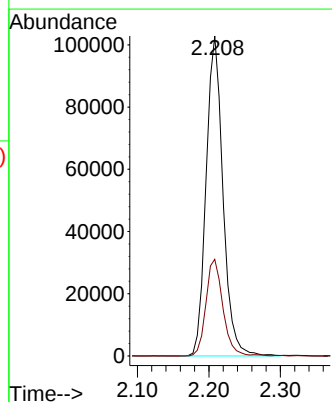
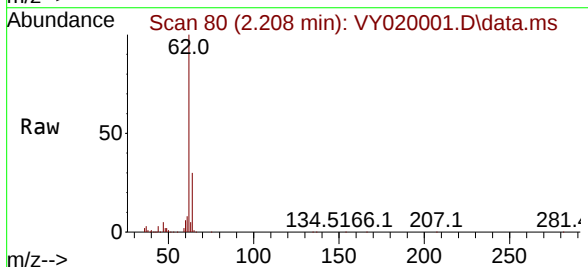
Instrument :
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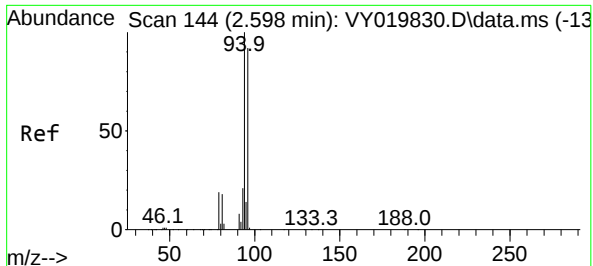
Tgt Ion: 50 Resp: 143461
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 54.215 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 62 Resp: 168266
Ion Ratio Lower Upper
62 100
64 30.2 26.1 39.1

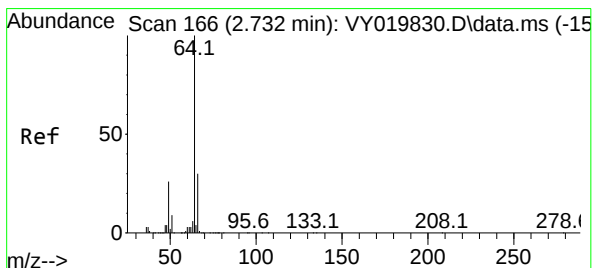
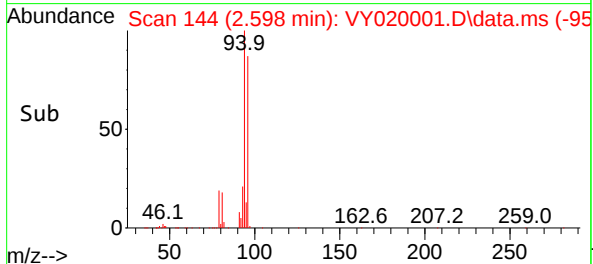
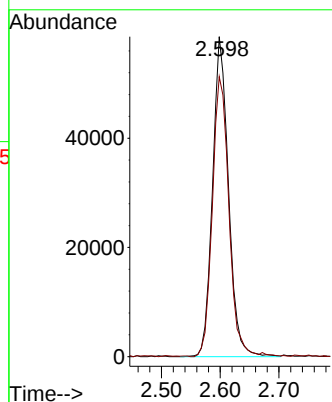
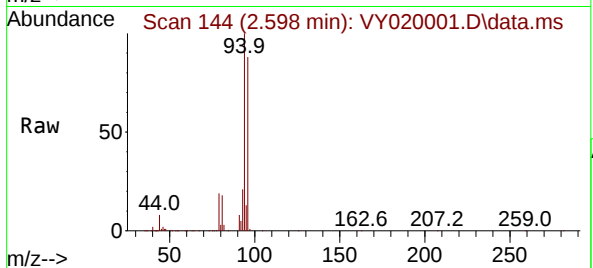




#5
Bromomethane
Concen: 56.155 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

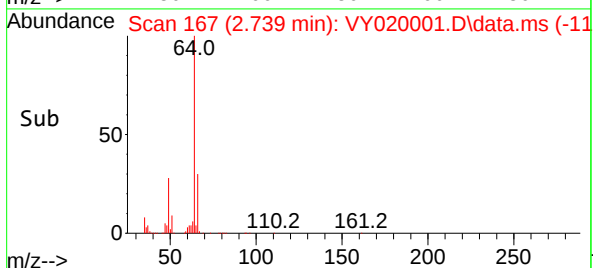
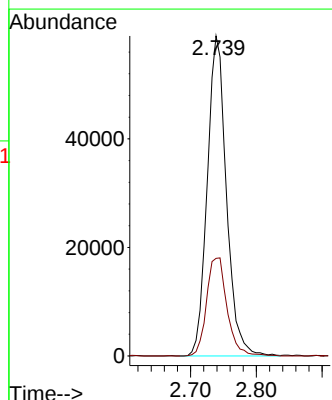
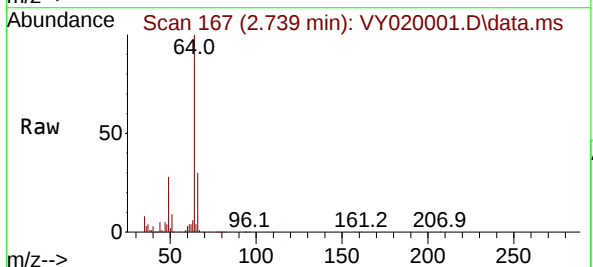
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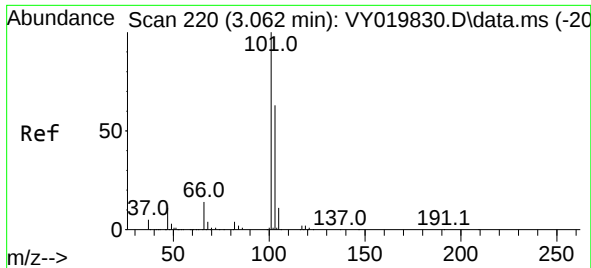
Tgt Ion: 94 Resp: 110316
Ion Ratio Lower Upper
94 100
96 87.4 74.1 111.1



#6
Chloroethane
Concen: 57.410 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 64 Resp: 119702
Ion Ratio Lower Upper
64 100
66 30.5 26.1 39.1

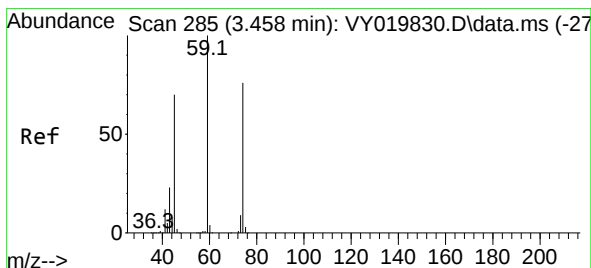
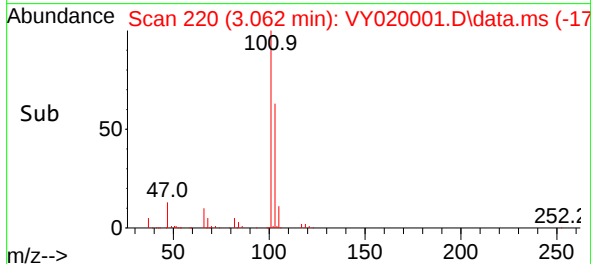
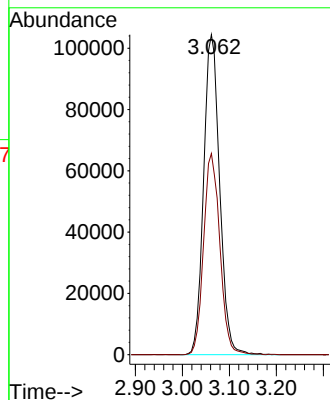
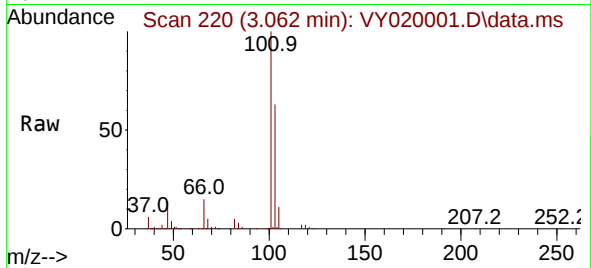




#7
 Trichlorofluoromethane
 Concen: 53.484 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020001.D
 Acq: 24 Oct 2024 10:18

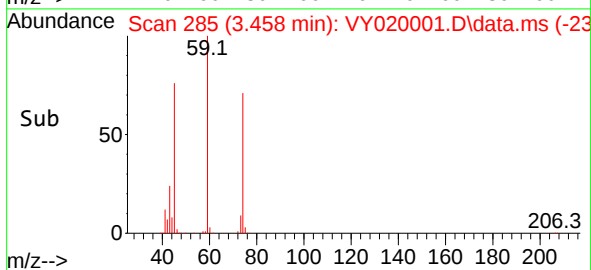
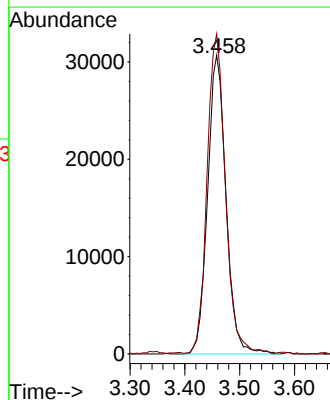
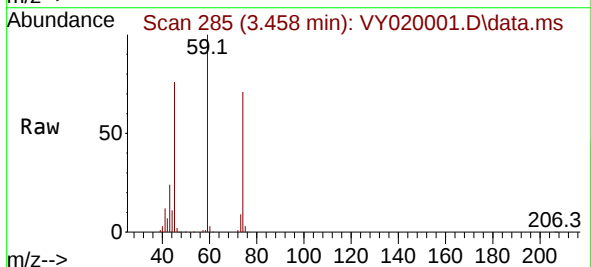
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 247001
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.843 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020001.D
 Acq: 24 Oct 2024 10:18

Tgt Ion: 74 Resp: 71362
 Ion Ratio Lower Upper
 74 100
 45 107.1 41.3 124.1

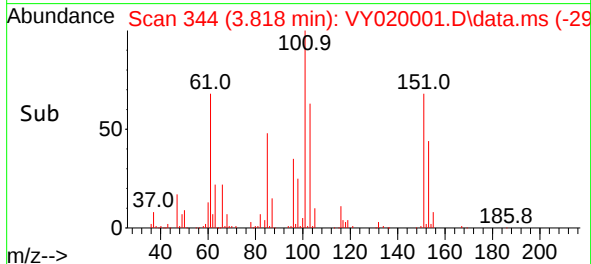
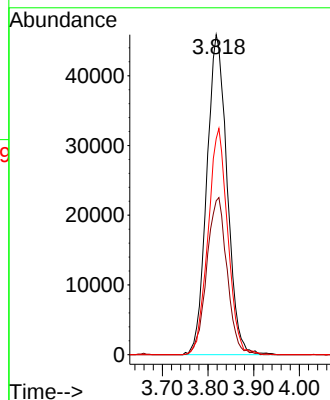
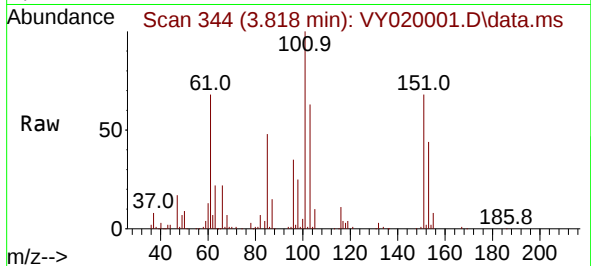




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.596 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
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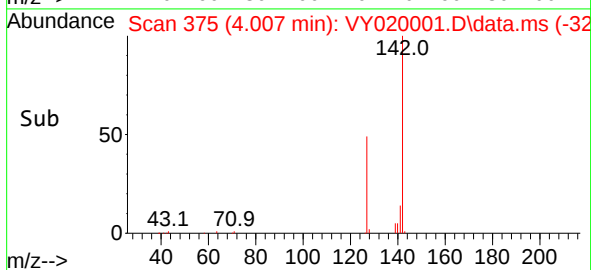
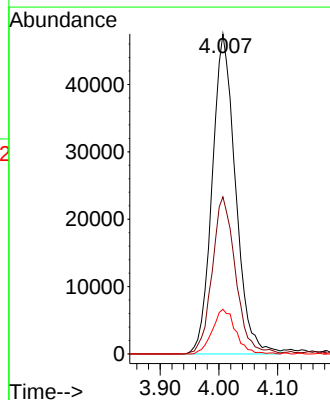
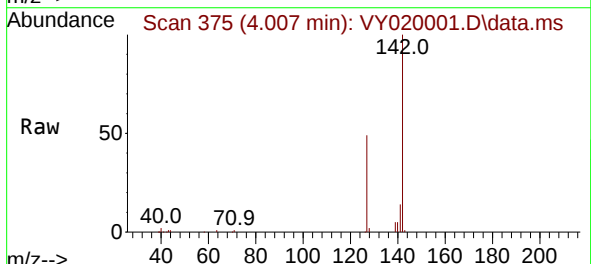
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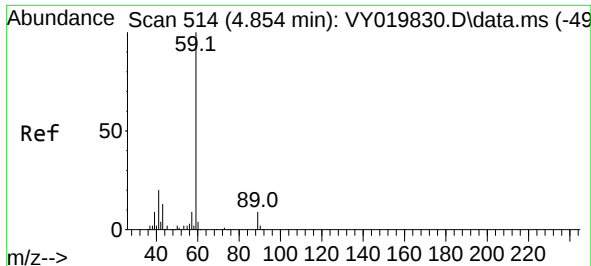
Tgt Ion:101 Resp: 141288
Ion Ratio Lower Upper
101 100
85 49.1 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 48.236 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion:142 Resp: 131050
Ion Ratio Lower Upper
142 100
127 49.2 32.8 49.2
141 13.9 11.4 17.2

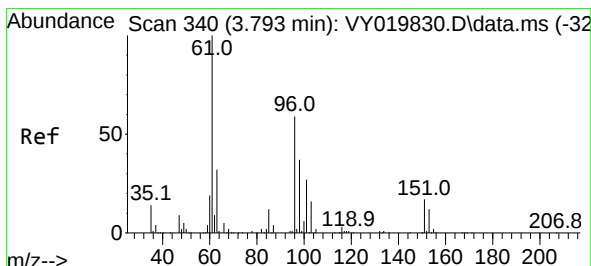
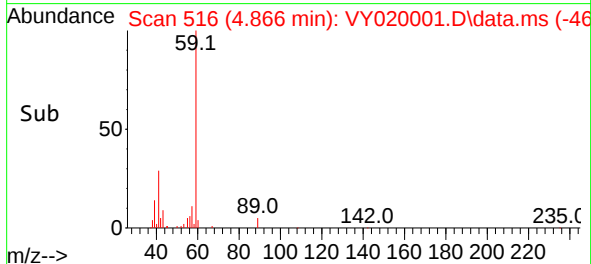
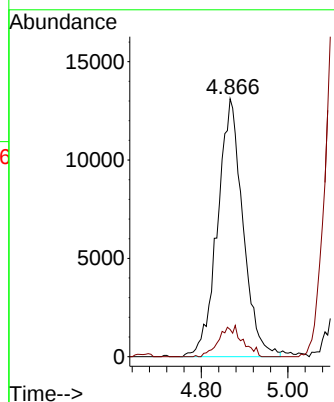
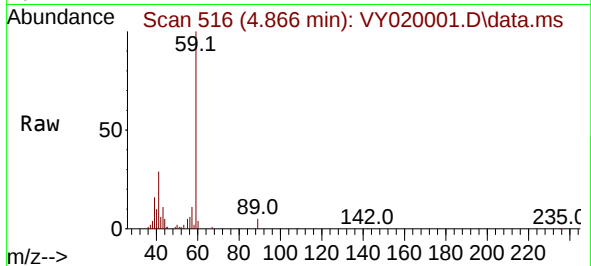




#11
Tert butyl alcohol
Concen: 229.101 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

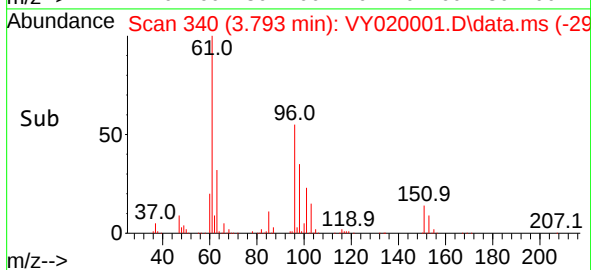
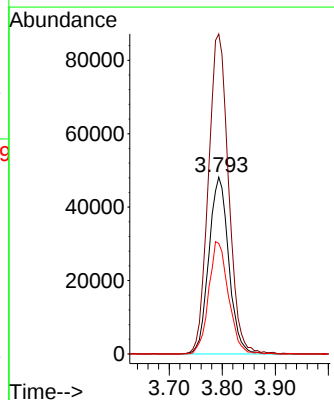
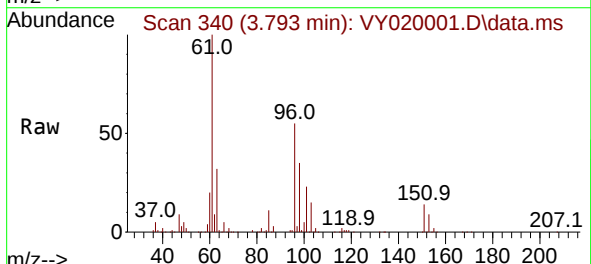
Instrument :
MSVOA_Y
ClientSampleId :

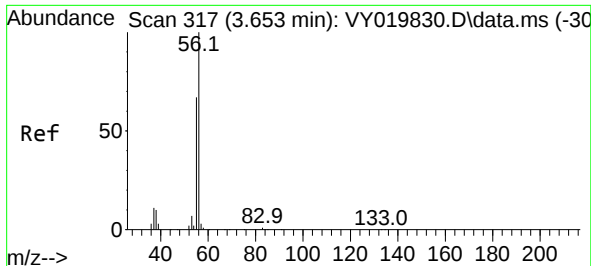
Tgt Ion: 59 Resp: 53541
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.304 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 96 Resp: 125623
Ion Ratio Lower Upper
96 100
61 181.0 114.6 171.8#
98 62.5 50.8 76.2





#13

Acrolein

Concen: 125.834 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

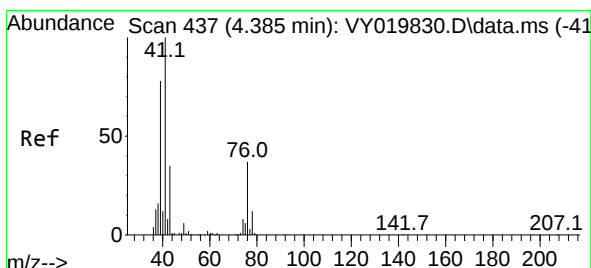
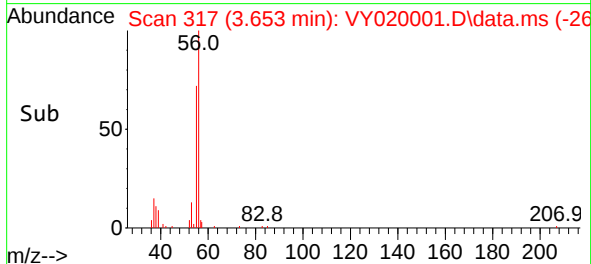
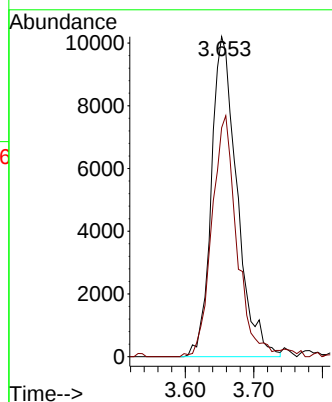
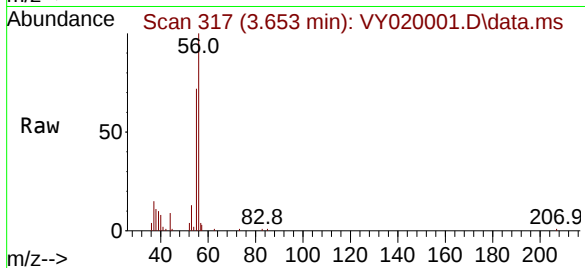
ClientSampleId :

Tgt Ion: 56 Resp: 26502

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 54.529 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

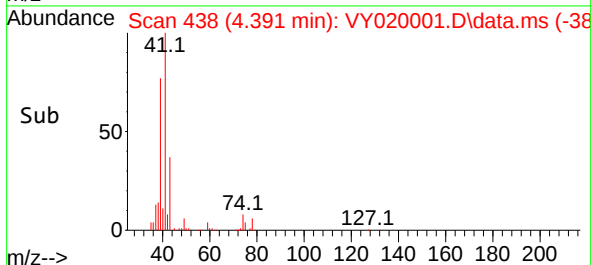
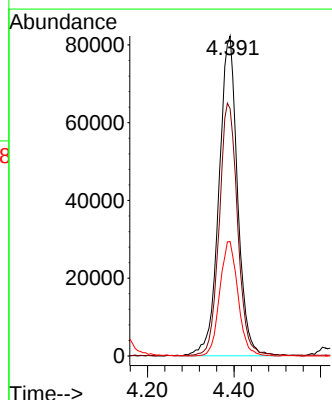
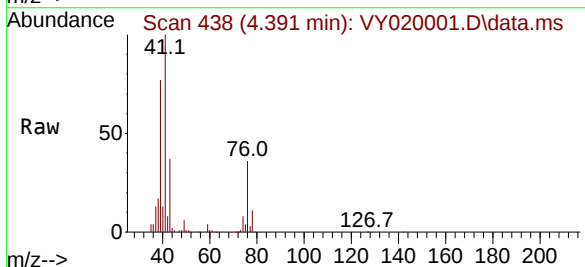
Tgt Ion: 41 Resp: 245700

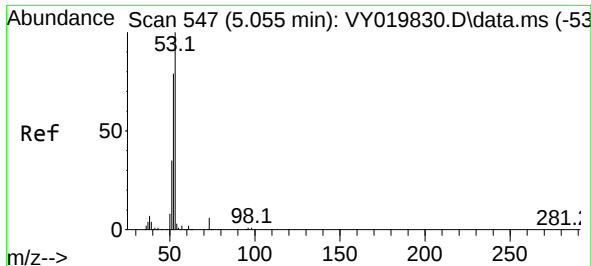
Ion Ratio Lower Upper

41 100

39 78.0 58.3 87.5

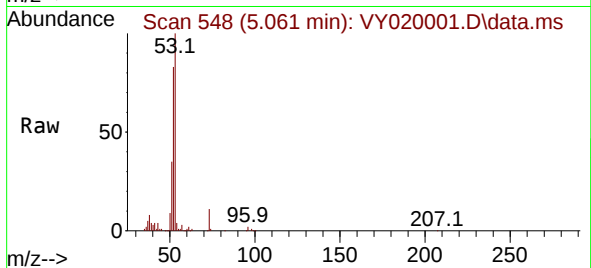
76 35.1 39.0 58.6#



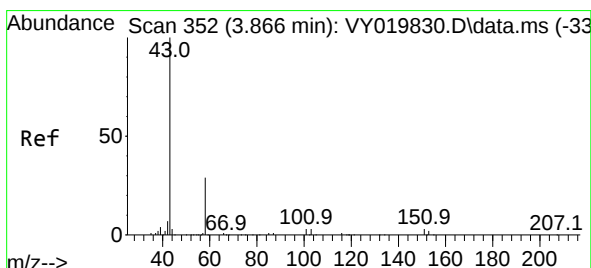
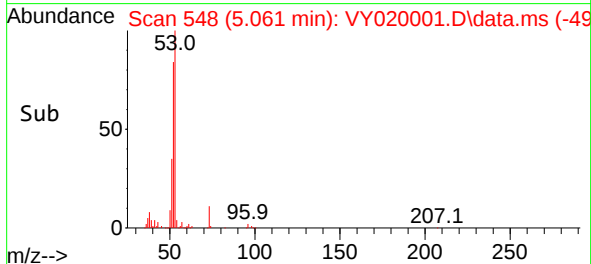
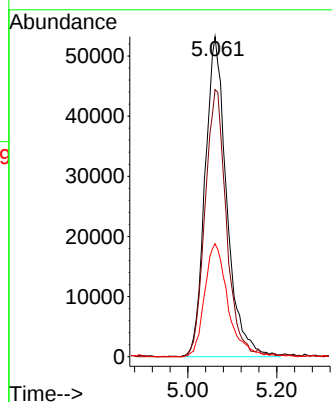


#15
Acrylonitrile
Concen: 281.147 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

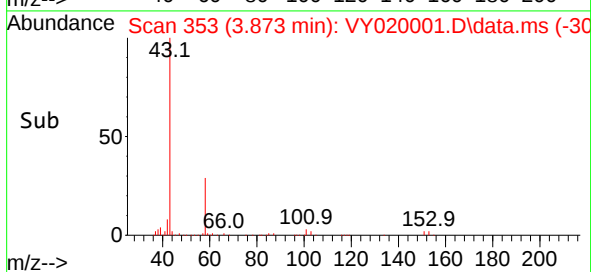
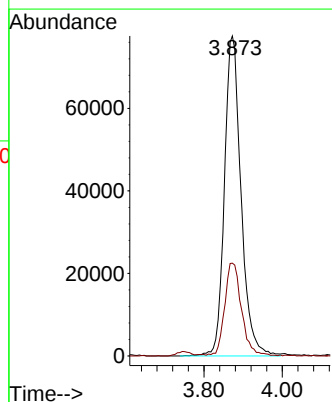
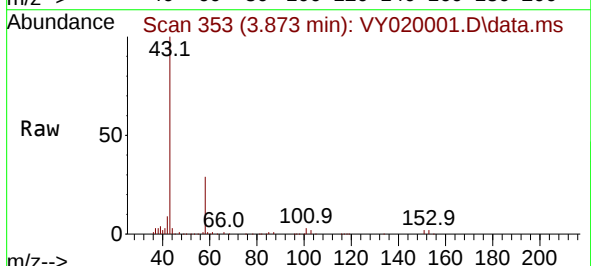


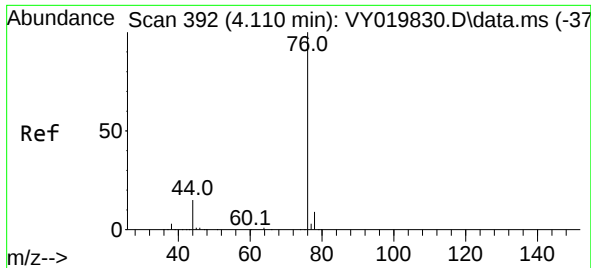
Tgt Ion: 53 Resp: 180493
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 306.901 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 43 Resp: 228988
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#

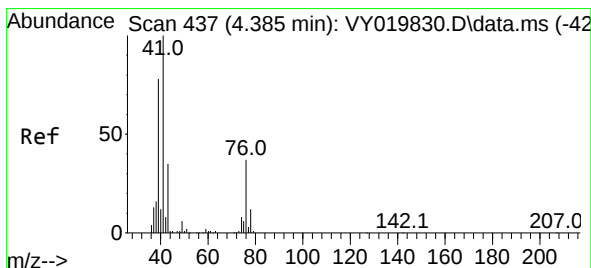
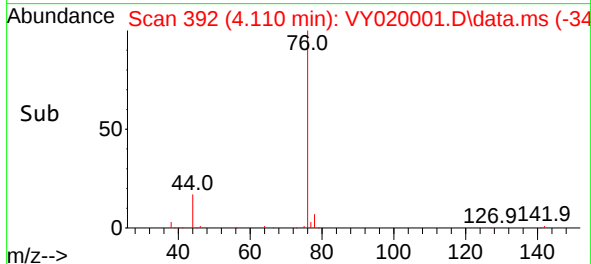
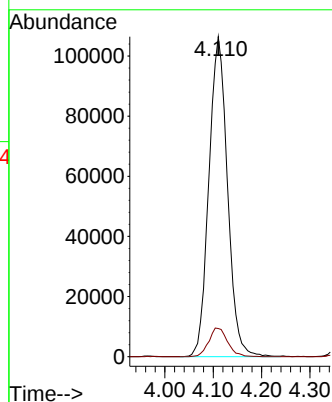
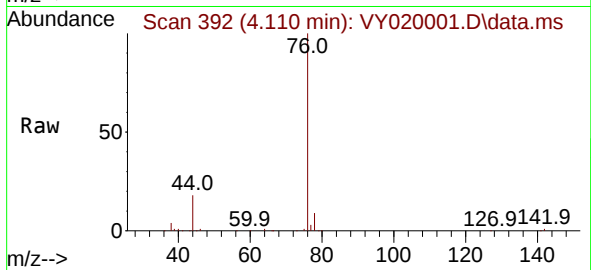




#17
Carbon Disulfide
Concen: 42.507 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

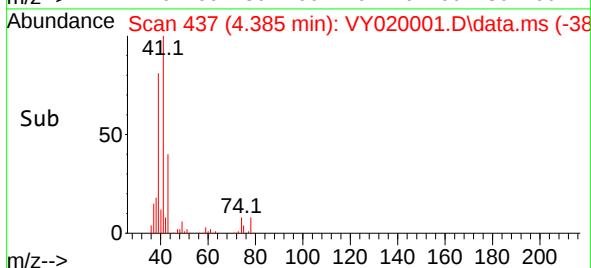
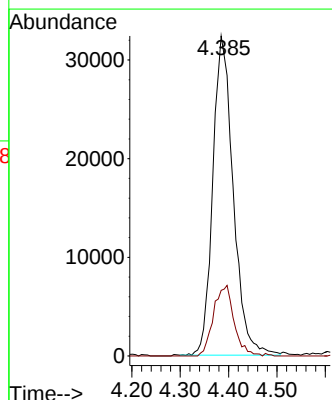
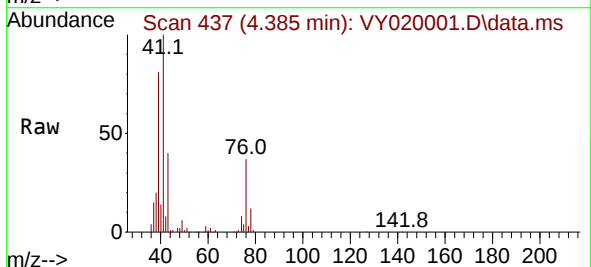
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 284528
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 59.117 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 43 Resp: 95018
Ion Ratio Lower Upper
43 100
74 22.1 23.3 34.9#

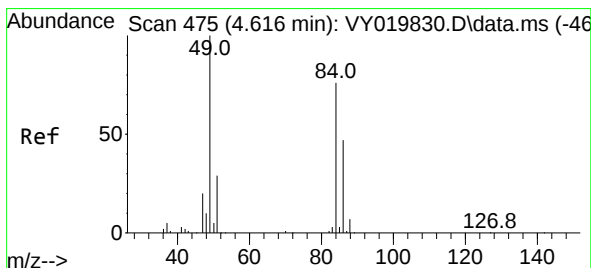
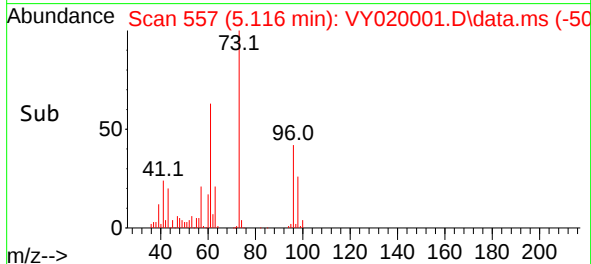
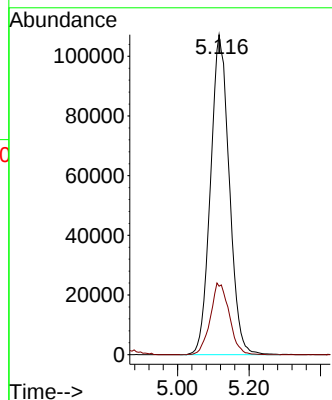
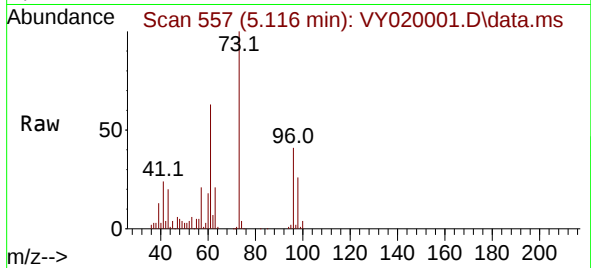




#19
Methyl tert-butyl Ether
Concen: 54.427 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

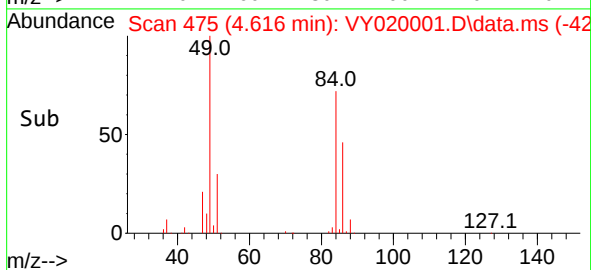
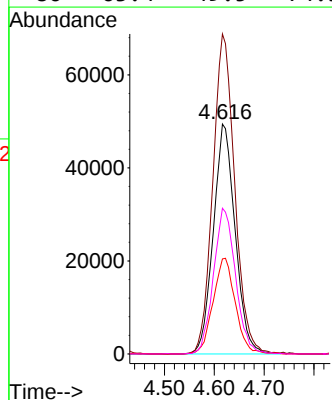
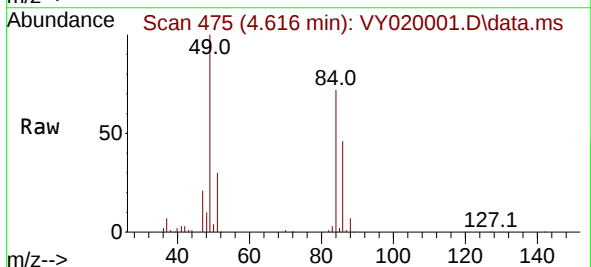
Instrument :
MSVOA_Y
ClientSampleId :

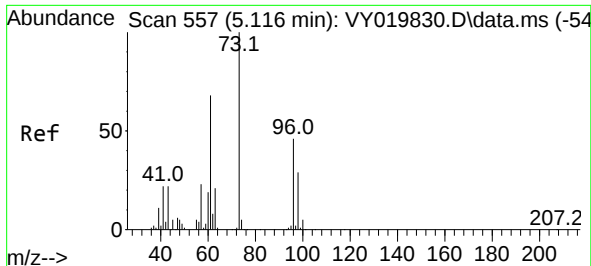
Tgt Ion: 73 Resp: 390492
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 54.595 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

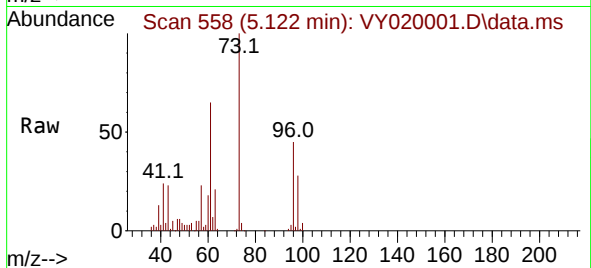
Tgt Ion: 84 Resp: 150310
Ion Ratio Lower Upper
84 100
49 139.2 84.4 126.6#
51 41.4 26.0 39.0#
86 63.4 49.5 74.3



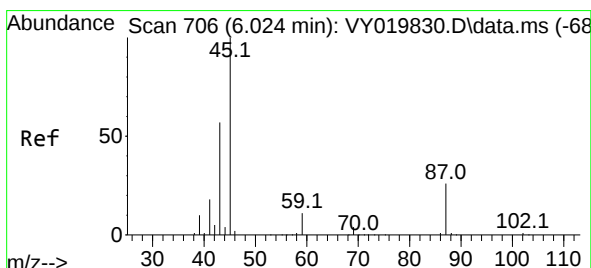
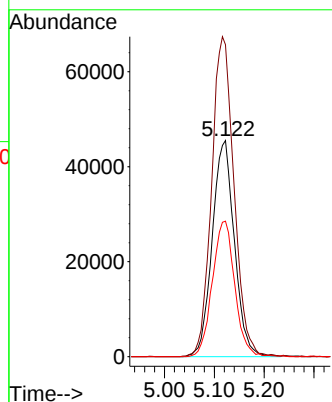
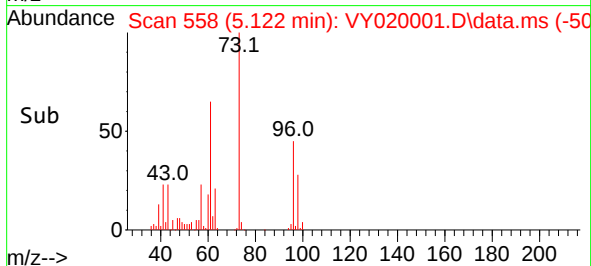


#21
trans-1,2-Dichloroethene
Concen: 51.708 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

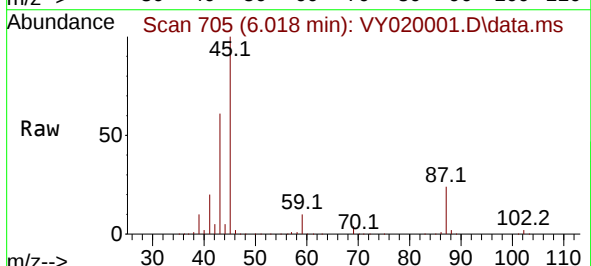
Instrument :
MSVOA_Y
ClientSampleId :



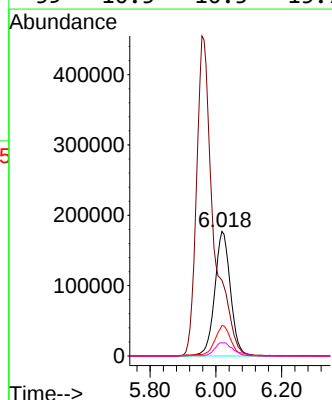
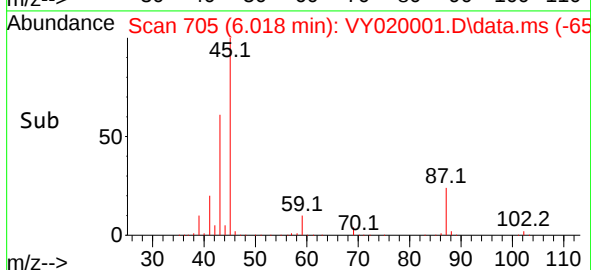
Tgt Ion: 96 Resp: 140542
Ion Ratio Lower Upper
96 100
61 144.3 97.5 146.3
98 62.7 50.5 75.7

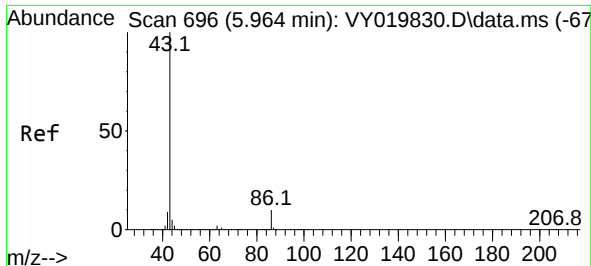


#22
Diisopropyl ether
Concen: 59.860 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18



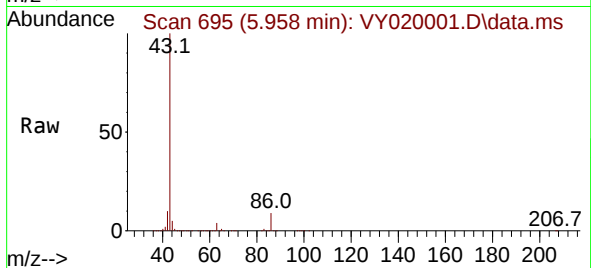
Tgt Ion: 45 Resp: 587507
Ion Ratio Lower Upper
45 100
43 60.7 42.2 63.2
87 24.4 25.0 37.6#
59 10.5 10.5 15.7



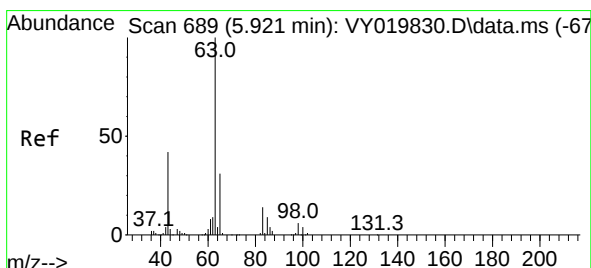
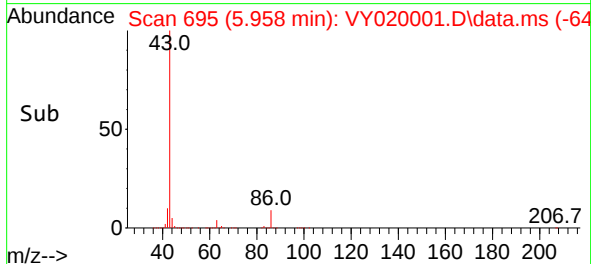
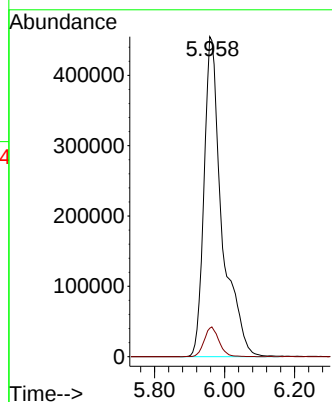


#23
 Vinyl Acetate
 Concen: 287.377 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020001.D
 Acq: 24 Oct 2024 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :

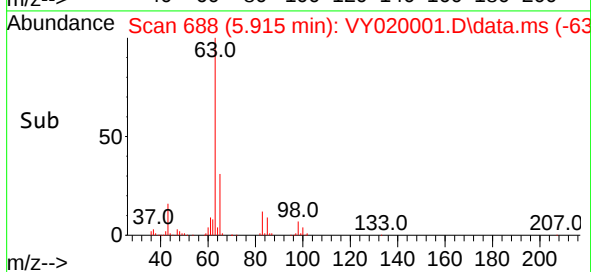
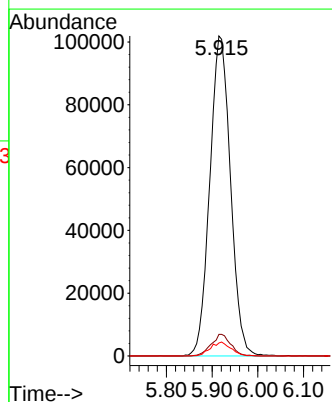
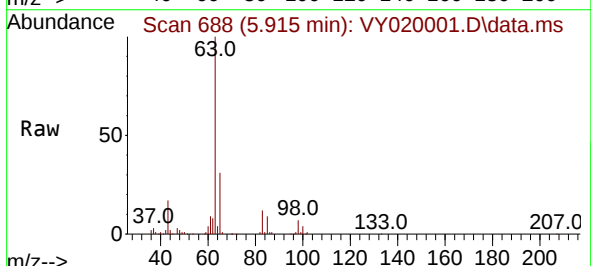


Tgt Ion: 43 Resp: 1616943
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 58.721 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020001.D
 Acq: 24 Oct 2024 10:18

Tgt Ion: 63 Resp: 320368
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 288.281 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

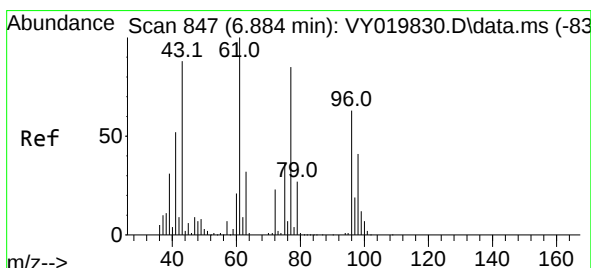
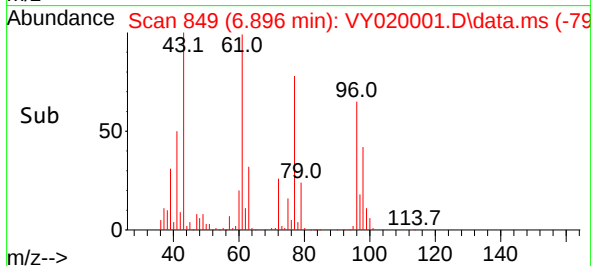
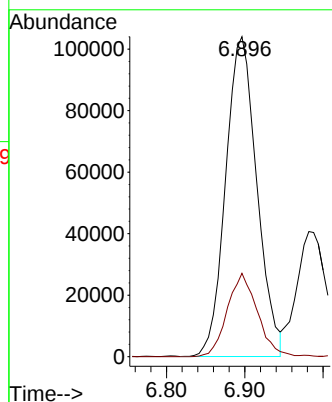
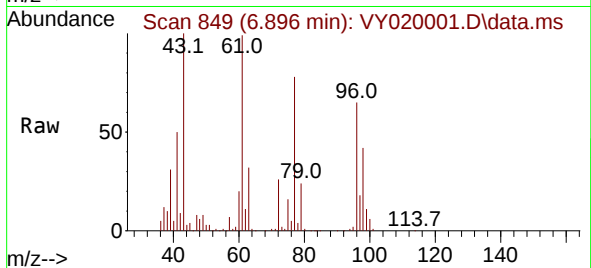
ClientSampleId :

Tgt Ion: 43 Resp: 287911

Ion Ratio Lower Upper

43 100

72 26.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 55.967 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020001.D

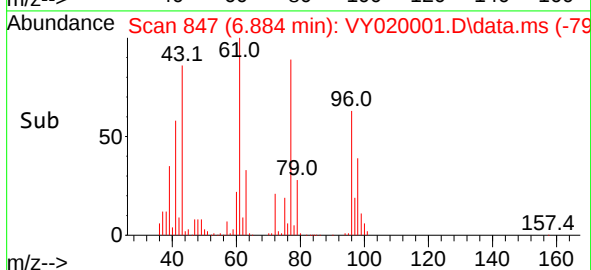
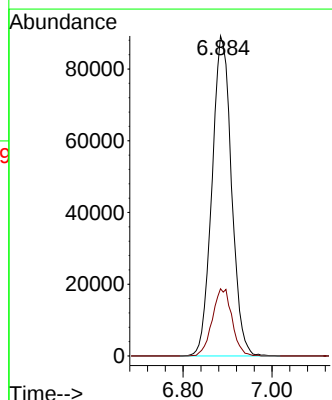
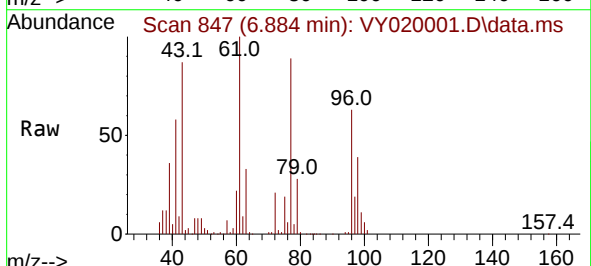
Acq: 24 Oct 2024 10:18

Tgt Ion: 77 Resp: 271927

Ion Ratio Lower Upper

77 100

97 21.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 56.185 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

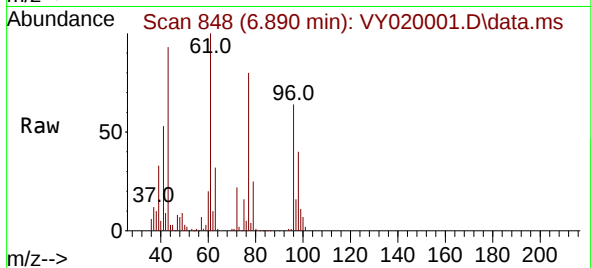
Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :



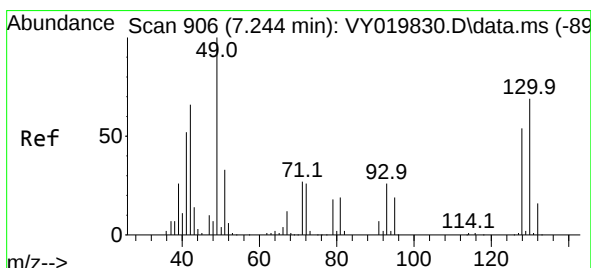
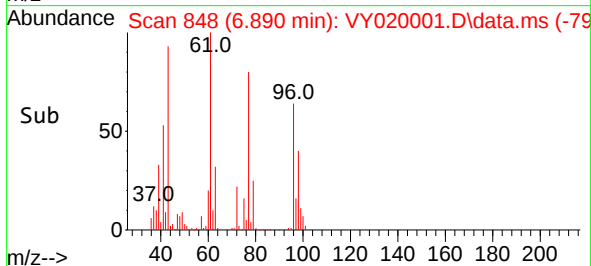
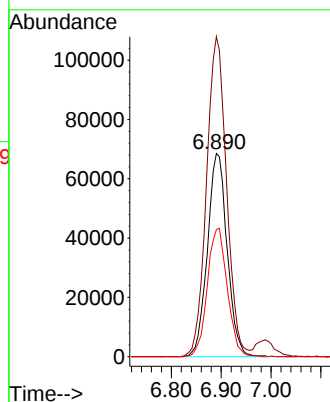
Tgt Ion: 96 Resp: 188719

Ion Ratio Lower Upper

96 100

61 159.5 0.0 256.2

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 56.411 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

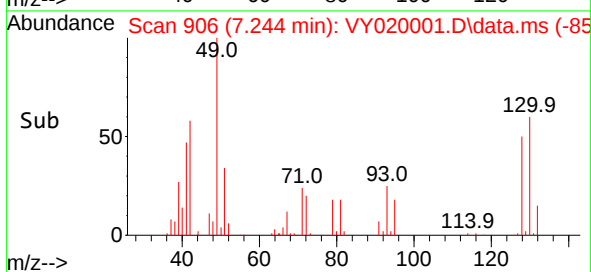
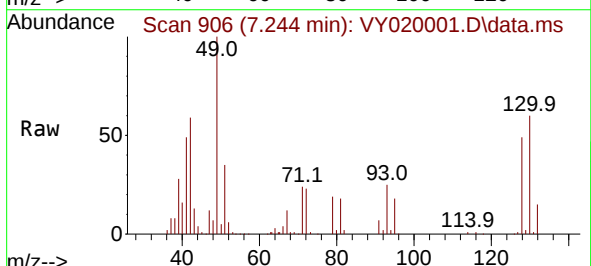
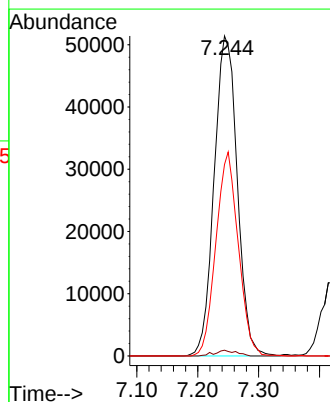
Tgt Ion: 49 Resp: 135462

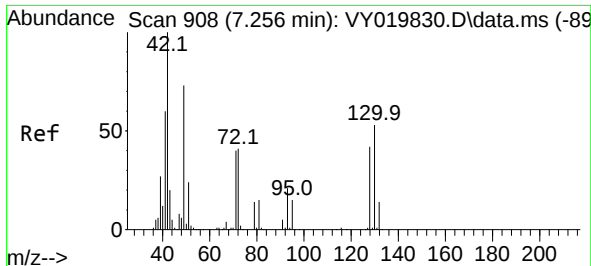
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 61.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 279.629 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

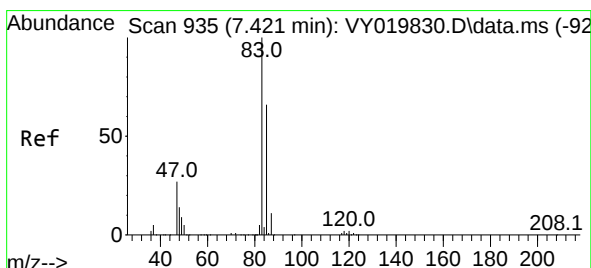
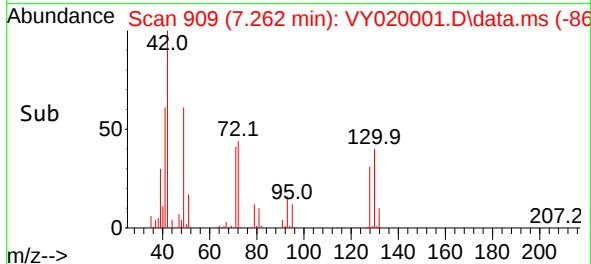
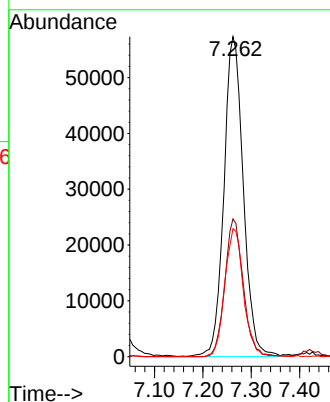
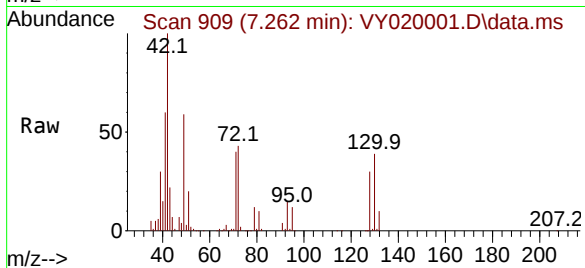
Tgt Ion: 42 Resp: 159457

Ion Ratio Lower Upper

42 100

72 40.9 43.0 64.4#

71 38.8 40.8 61.2#



#30

Chloroform

Concen: 58.876 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020001.D

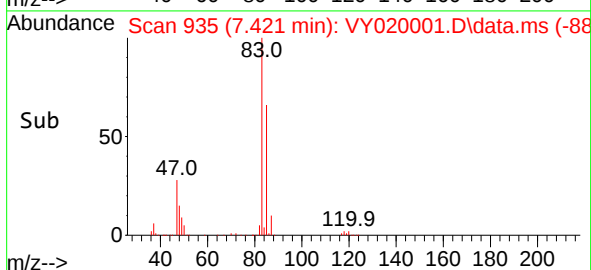
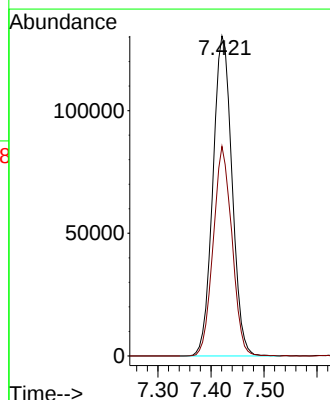
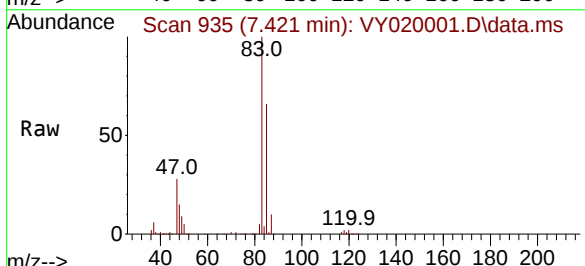
Acq: 24 Oct 2024 10:18

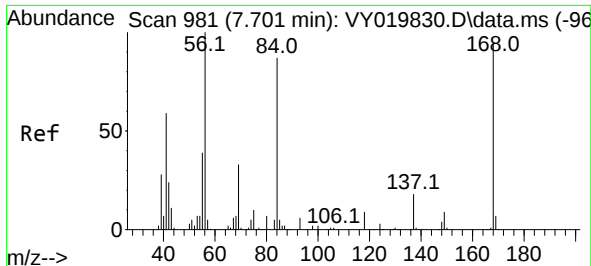
Tgt Ion: 83 Resp: 327437

Ion Ratio Lower Upper

83 100

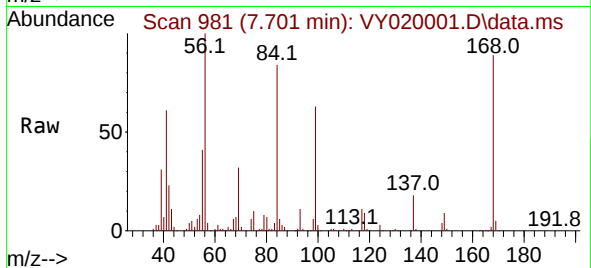
85 65.5 52.2 78.4



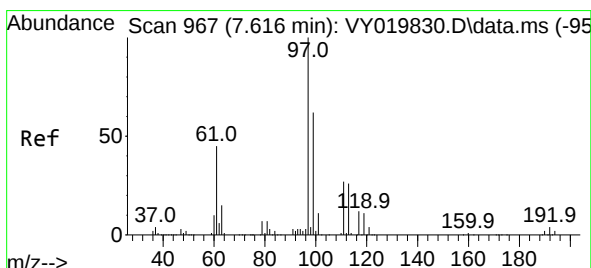
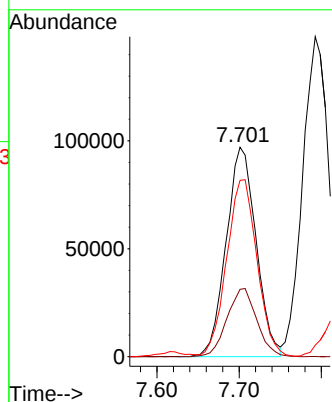
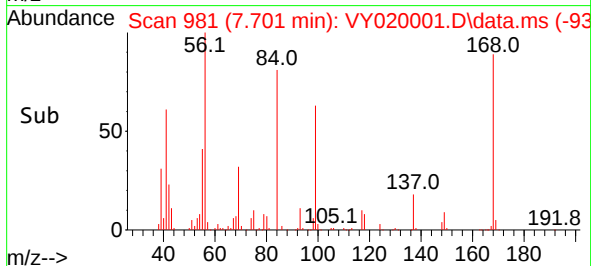


#31
Cyclohexane
Concen: 51.298 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

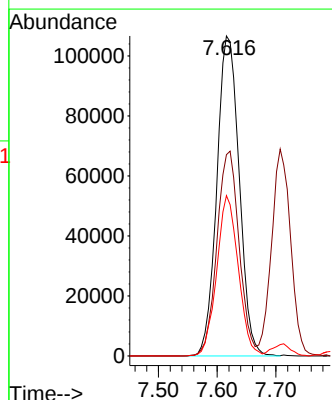
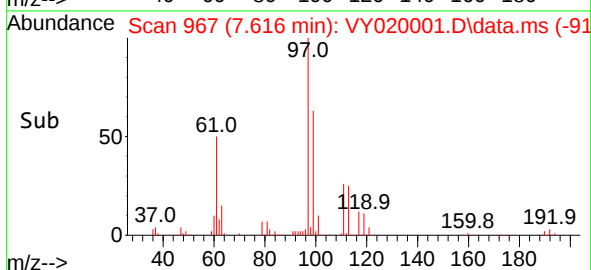
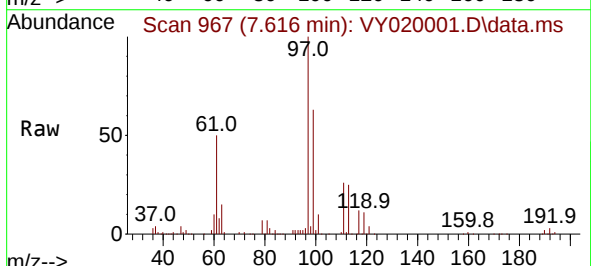


Tgt Ion: 56 Resp: 245677
Ion Ratio Lower Upper
56 100
69 32.2 28.7 43.1
84 82.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 57.847 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 97 Resp: 281939
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 48.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.796 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

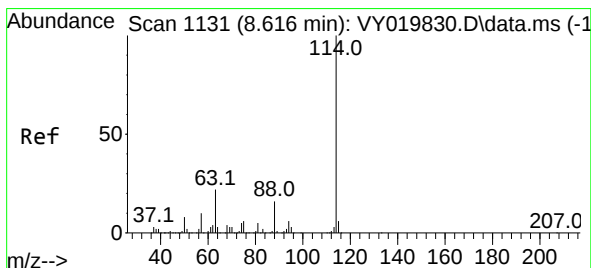
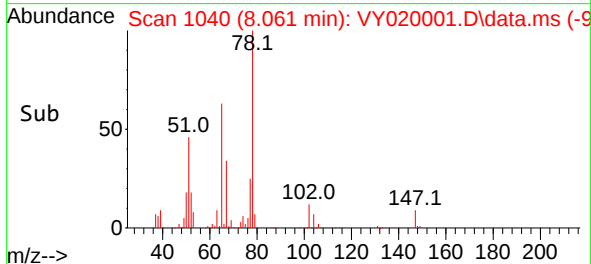
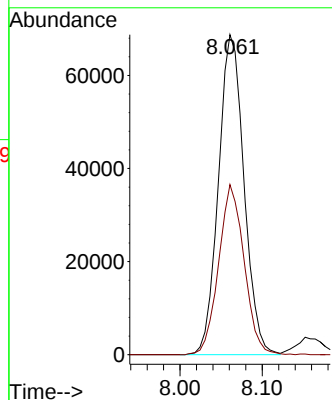
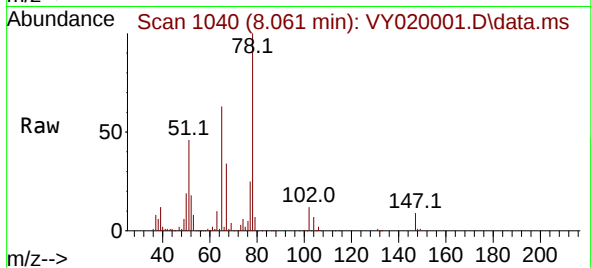
ClientSampleId :

Tgt Ion: 65 Resp: 148460

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

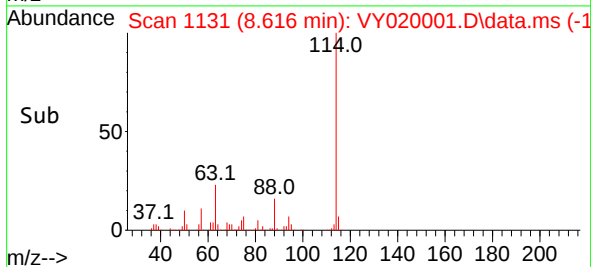
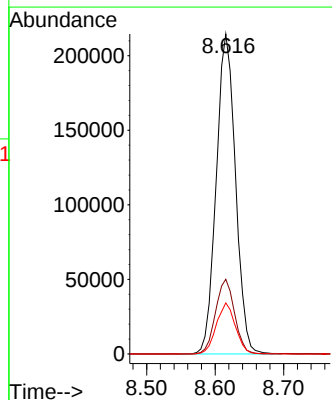
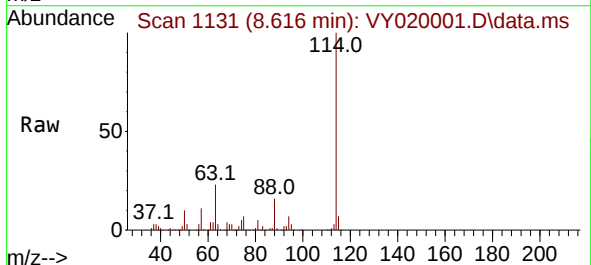
Tgt Ion: 114 Resp: 418258

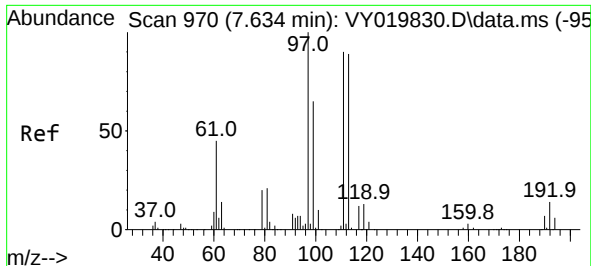
Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

88 16.0 0.0 27.2

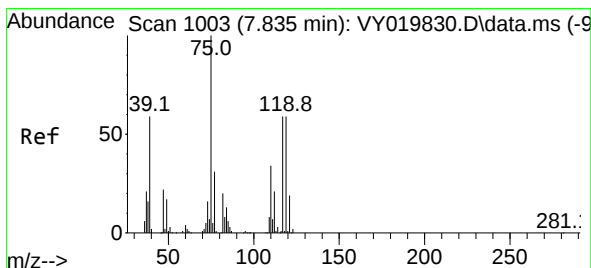
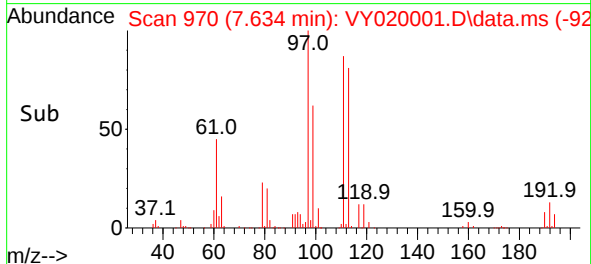
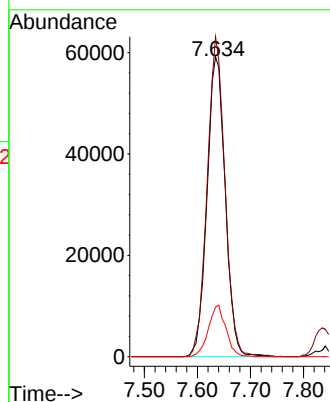
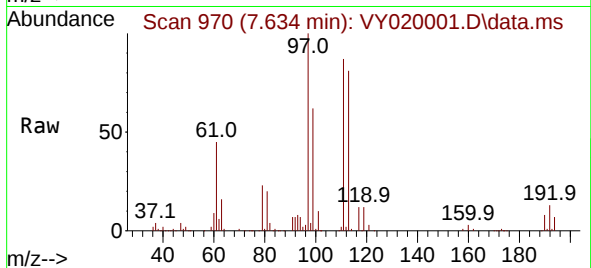




#35
Dibromofluoromethane
Concen: 51.174 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

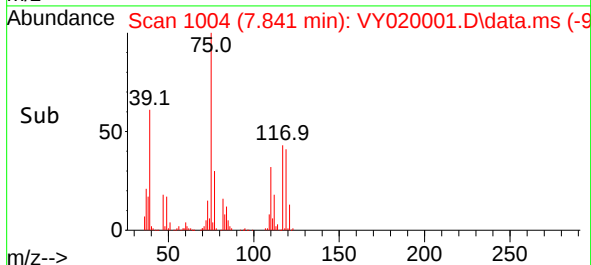
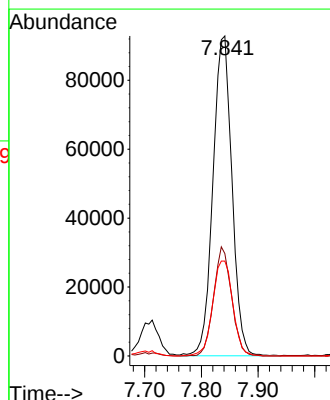
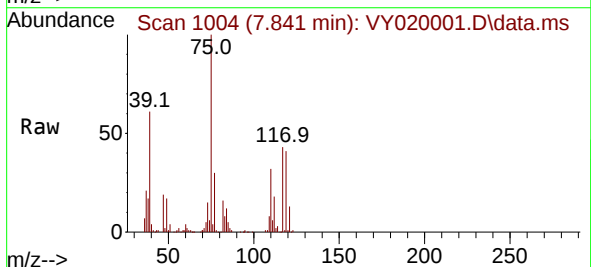
Instrument :
MSVOA_Y
ClientSampleId :

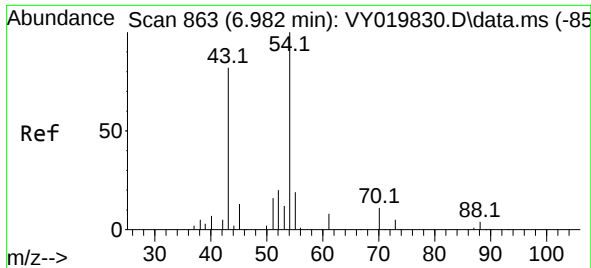
Tgt Ion:113 Resp: 141243
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.240 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 75 Resp: 215678
Ion Ratio Lower Upper
75 100
110 32.2 19.0 57.0
77 31.6 25.3 37.9

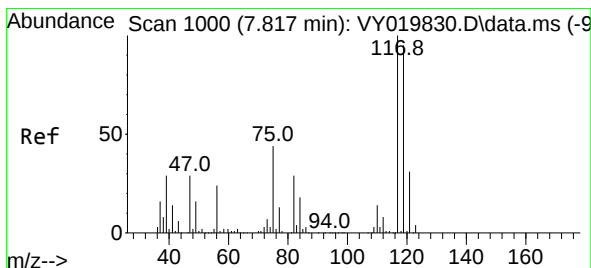
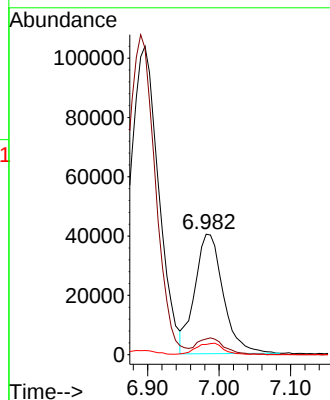
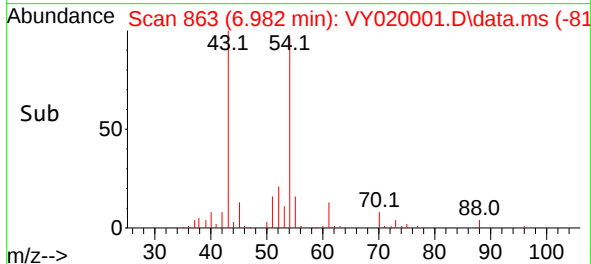
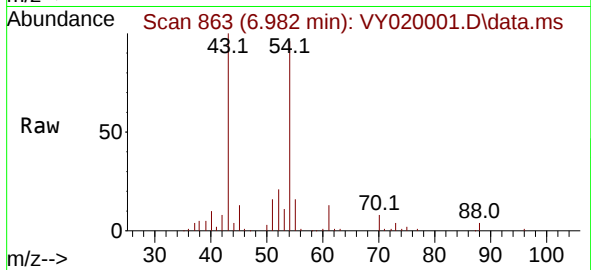




#37
Ethyl Acetate
Concen: 53.707 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

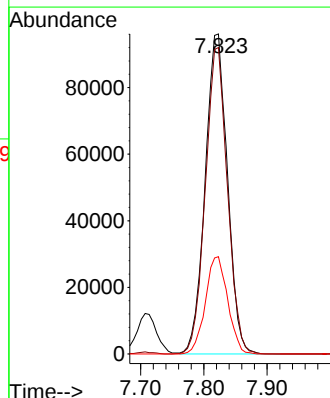
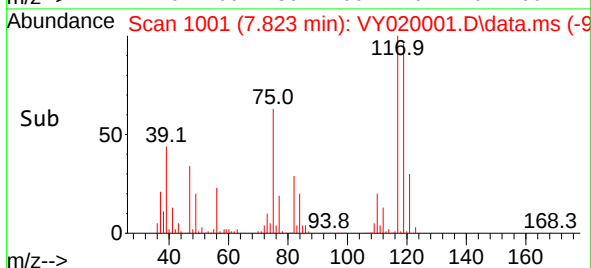
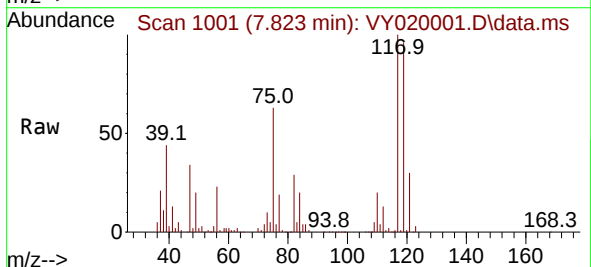
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 111358
Ion Ratio Lower Upper
43 100
61 13.4 12.6 19.0
70 9.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.195 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 117 Resp: 235281
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 51.903 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

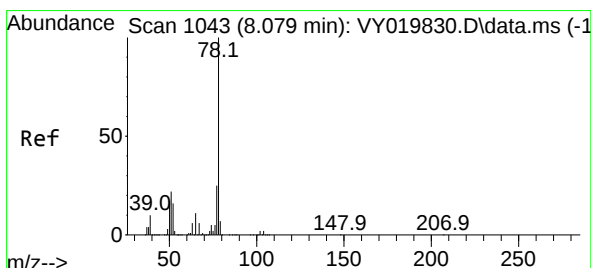
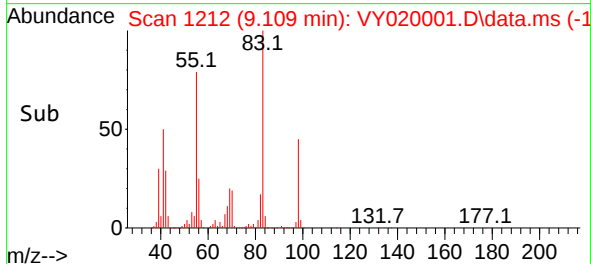
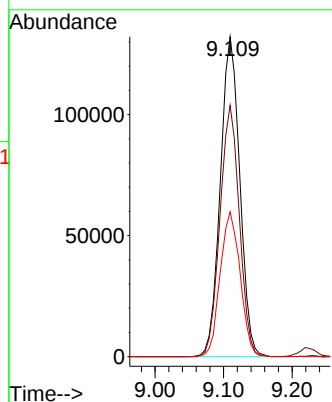
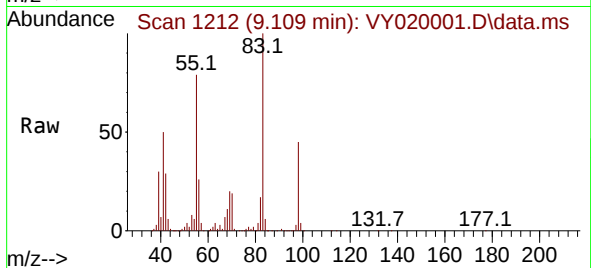
Tgt Ion: 83 Resp: 260045

Ion Ratio Lower Upper

83 100

55 78.5 51.5 77.3#

98 45.3 40.5 60.7



#40

Benzene

Concen: 54.729 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020001.D

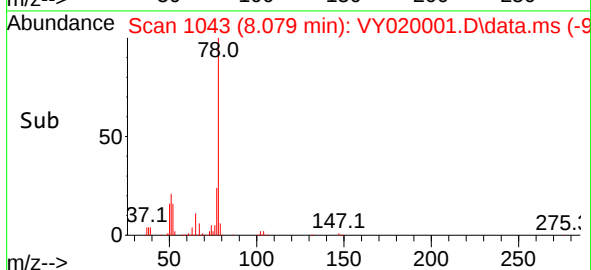
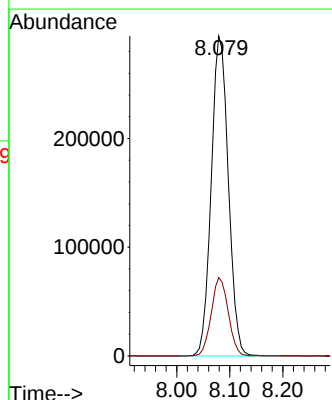
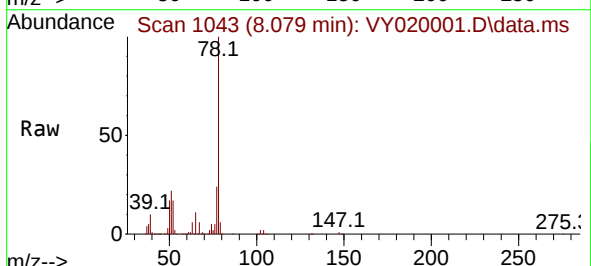
Acq: 24 Oct 2024 10:18

Tgt Ion: 78 Resp: 658602

Ion Ratio Lower Upper

78 100

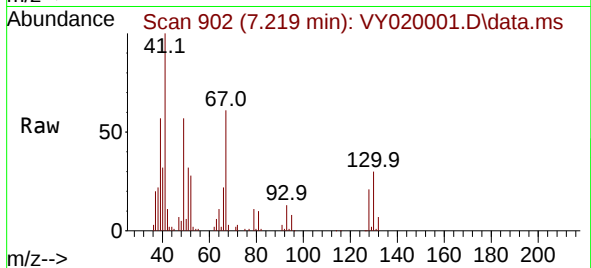
77 24.5 19.5 29.3



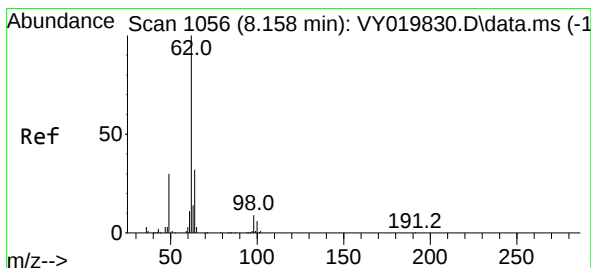
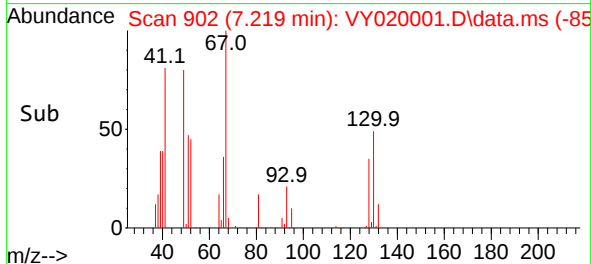
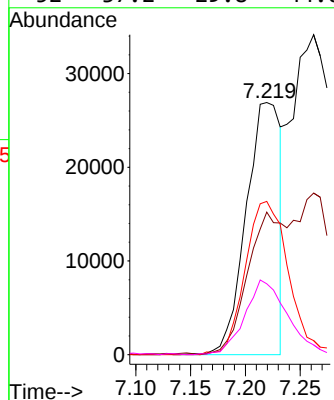


#41
Methacrylonitrile
Concen: 52.334 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

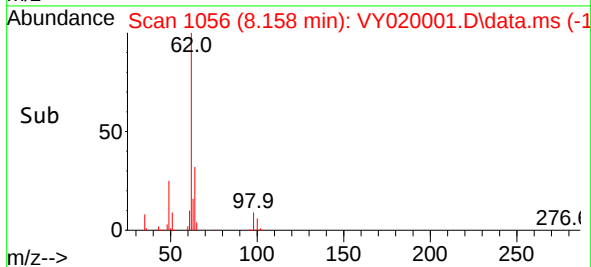
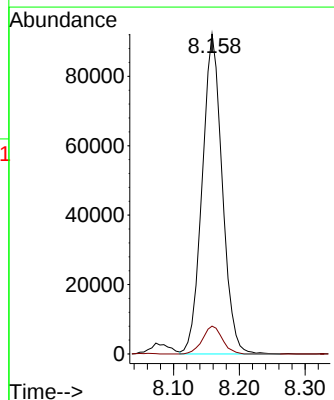
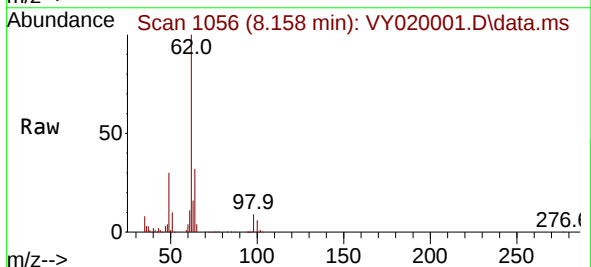


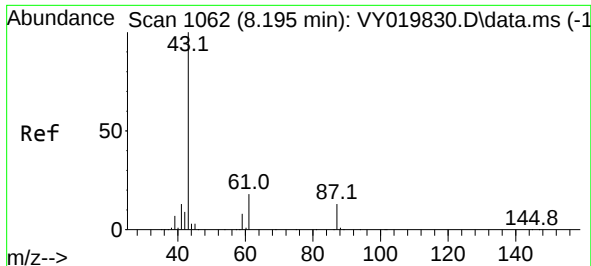
Tgt Ion:	41	Resp:	58728
Ion	Ratio	Lower	Upper
41	100		
39	62.6	48.0	72.0
67	76.5	75.1	112.7
52	37.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 56.546 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion:	62	Resp:	195495
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0

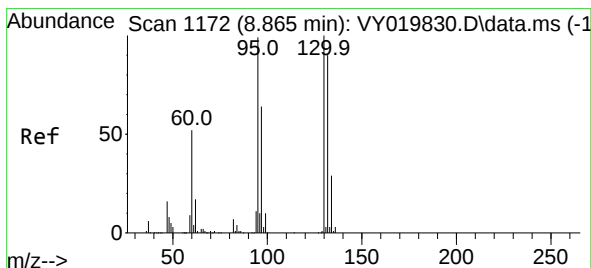
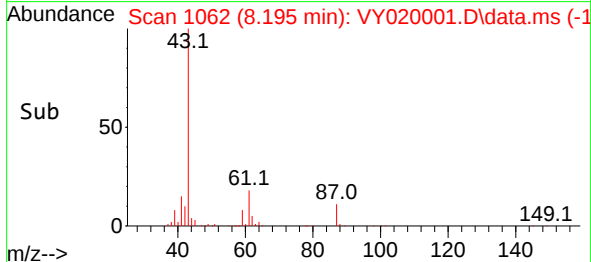
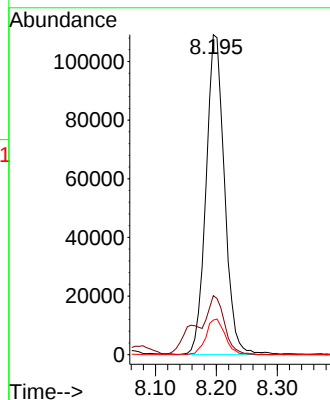
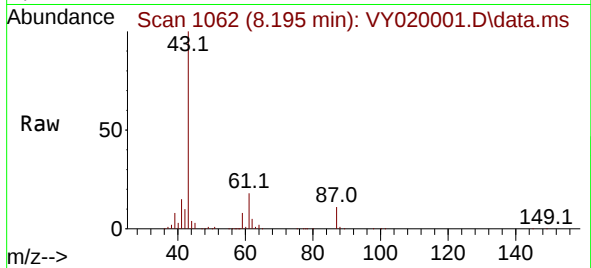




#43
Isopropyl Acetate
Concen: 54.254 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

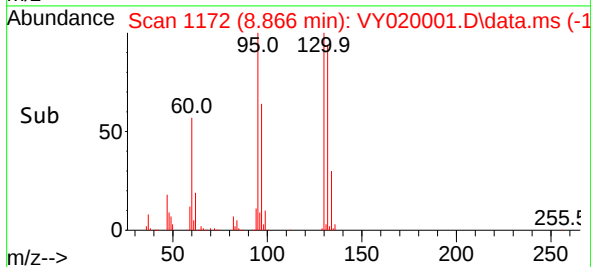
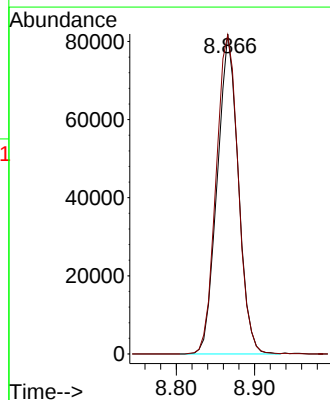
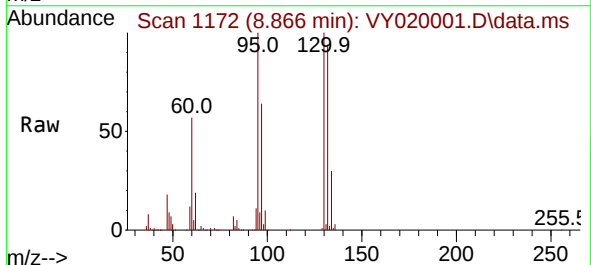
Instrument :
MSVOA_Y
ClientSampleId :

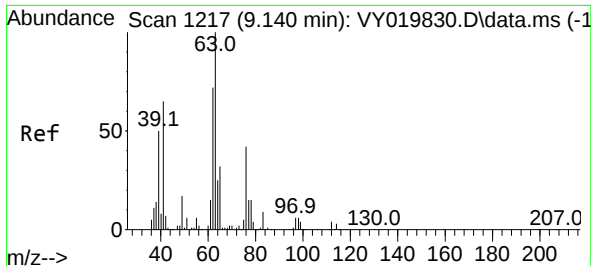
Tgt Ion: 43 Resp: 229416
Ion Ratio Lower Upper
43 100
61 17.1 27.9 41.9#
87 11.5 13.1 19.7#



#44
Trichloroethene
Concen: 52.429 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion:130 Resp: 152811
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 57.335 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

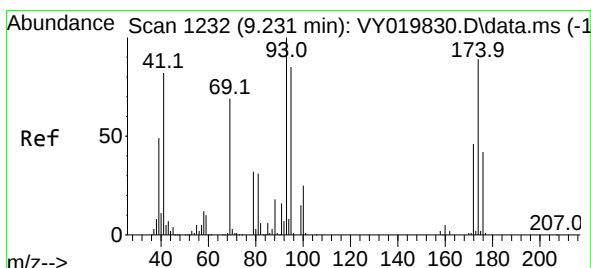
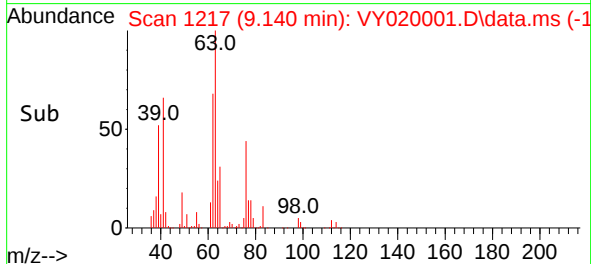
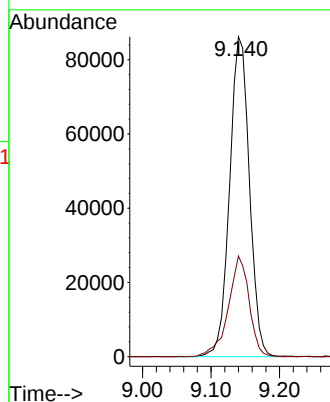
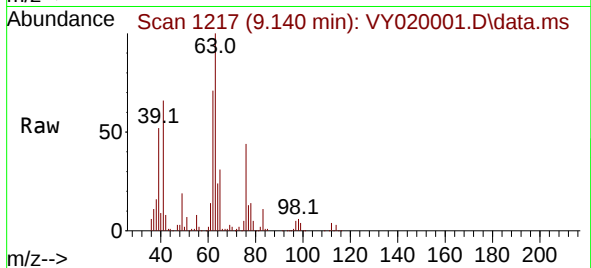
ClientSampleId :

Tgt Ion: 63 Resp: 172695

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 52.868 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

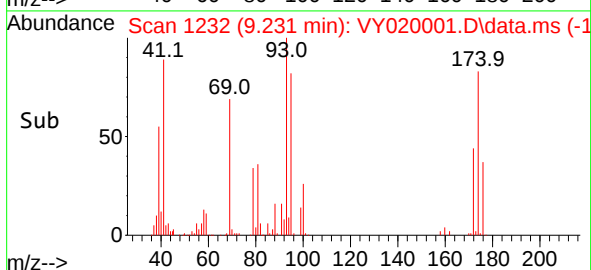
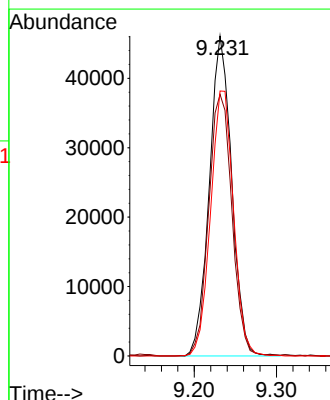
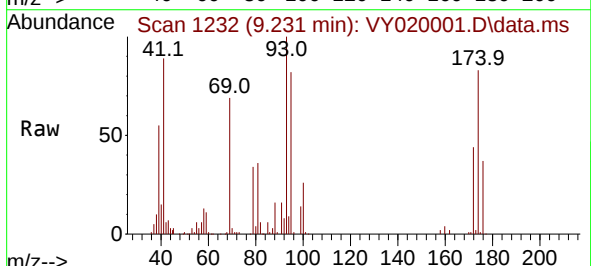
Tgt Ion: 93 Resp: 87003

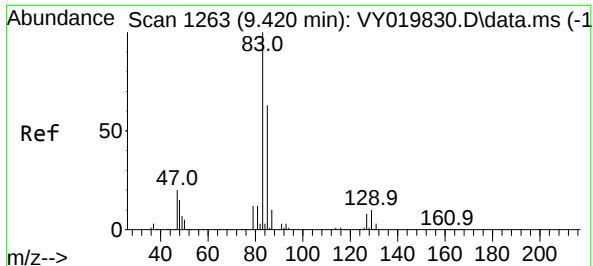
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 84.8 80.9 121.3

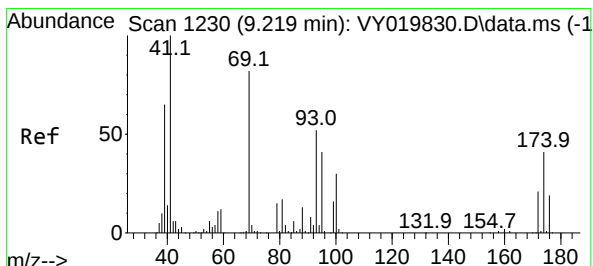
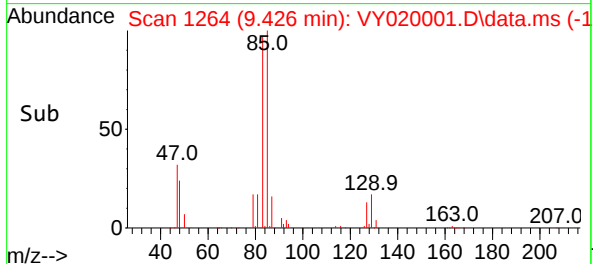
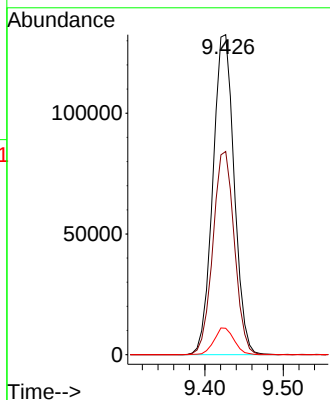
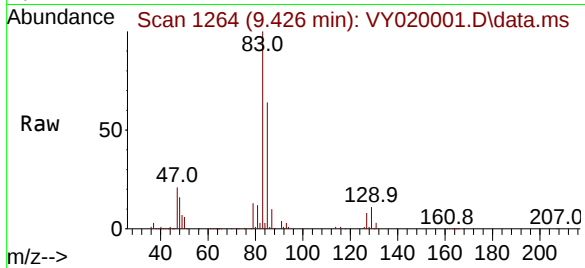




#47
Bromodichloromethane
Concen: 57.367 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

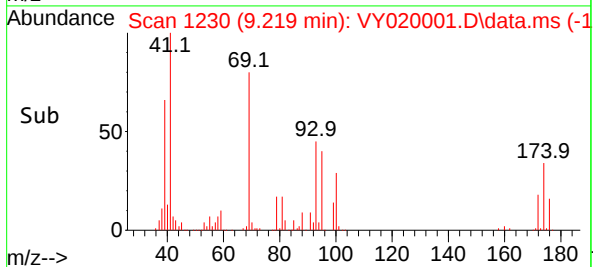
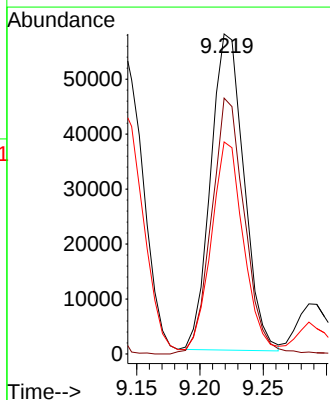
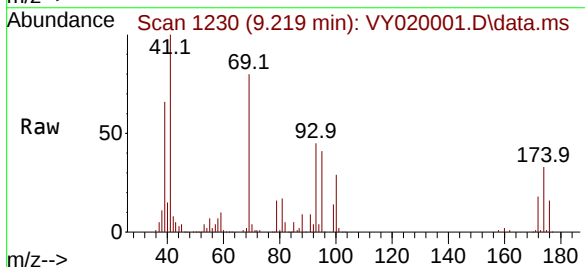
Instrument :
MSVOA_Y
ClientSampleId :

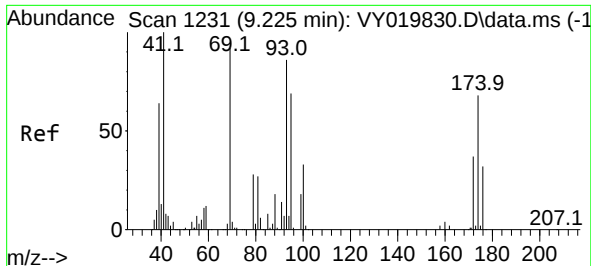
Tgt Ion: 83 Resp: 250585
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 56.625 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 41 Resp: 105325
Ion Ratio Lower Upper
41 100
69 80.5 84.1 126.1#
39 63.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1043.398 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

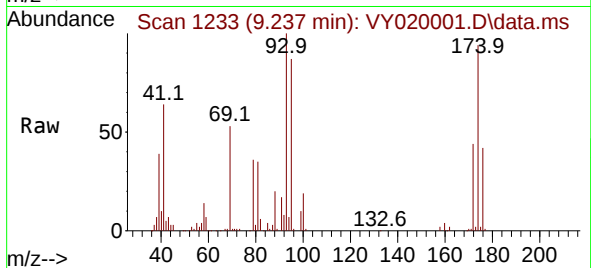
Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :



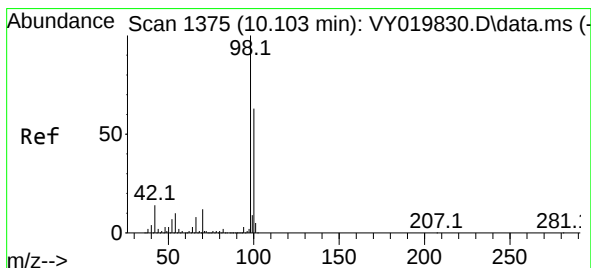
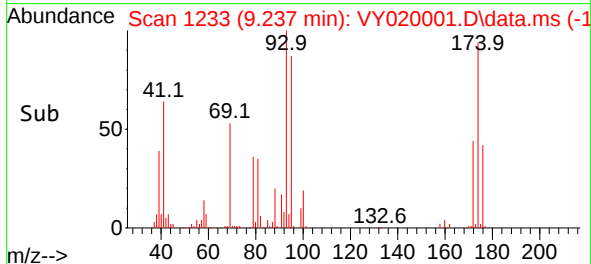
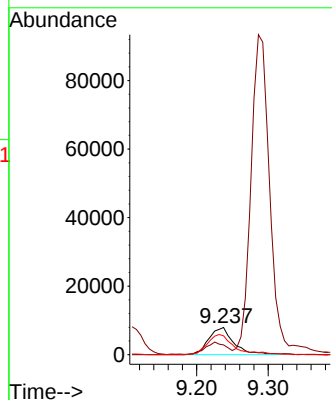
Tgt Ion: 88 Resp: 19218

Ion Ratio Lower Upper

88 100

43 37.1 0.0 0.0#

58 80.1 49.3 73.9#



#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020001.D

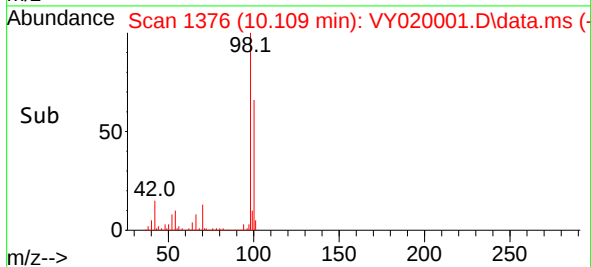
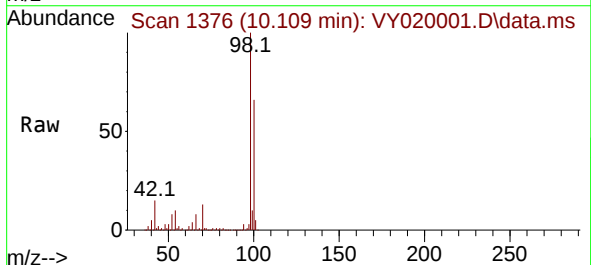
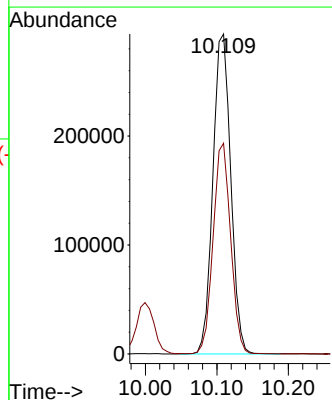
Acq: 24 Oct 2024 10:18

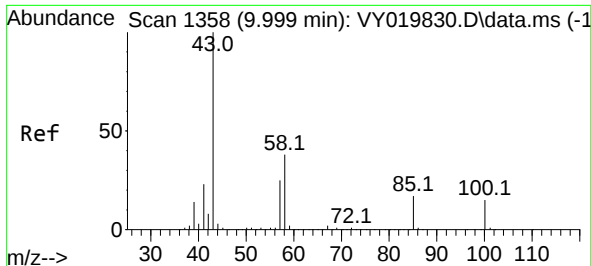
Tgt Ion: 98 Resp: 508949

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

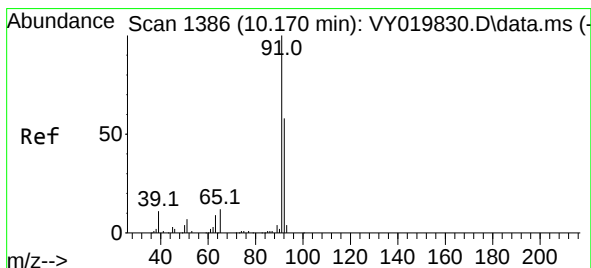
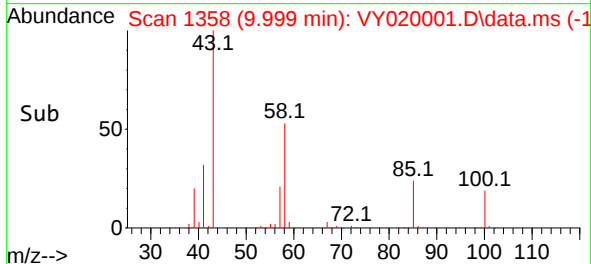
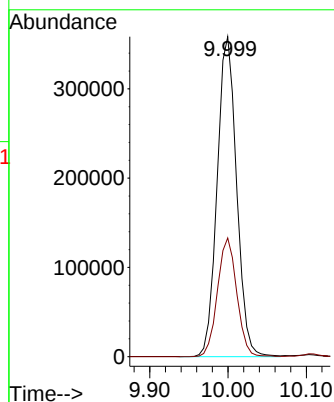
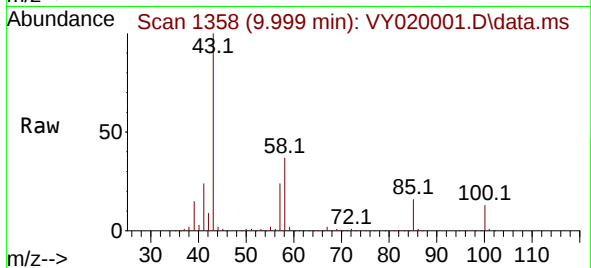




#51
4-Methyl-2-Pentanone
Concen: 286.456 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

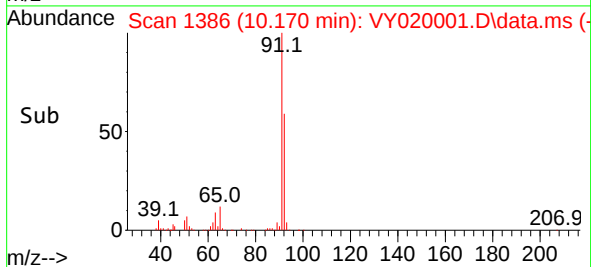
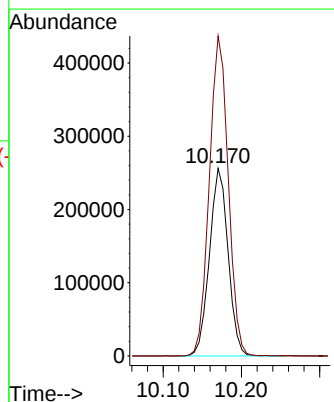
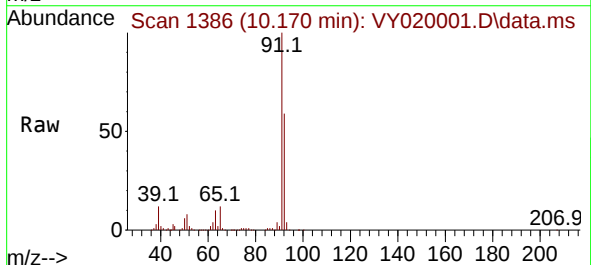
Instrument :
MSVOA_Y
ClientSampleId :

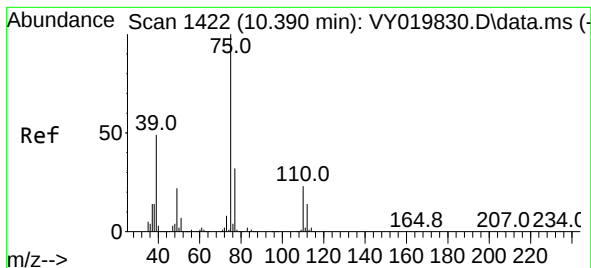
Tgt Ion: 43 Resp: 617833
Ion Ratio Lower Upper
43 100
58 36.9 35.7 53.5



#52
Toluene
Concen: 56.294 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 92 Resp: 422863
Ion Ratio Lower Upper
92 100
91 173.1 139.0 208.6

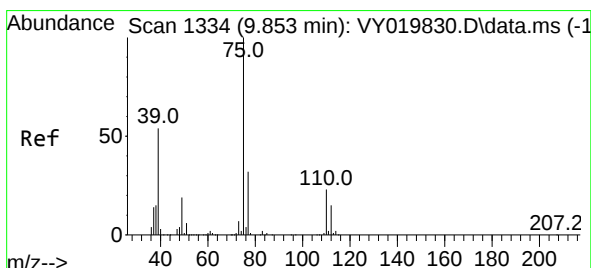
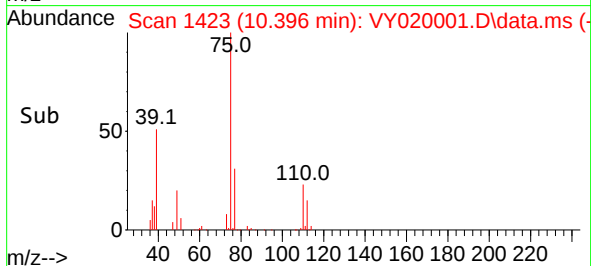
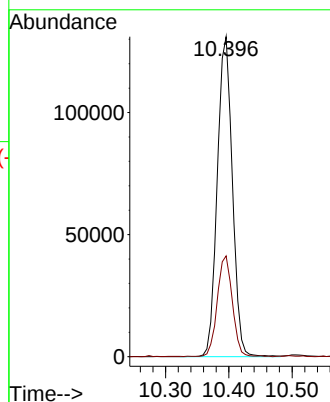
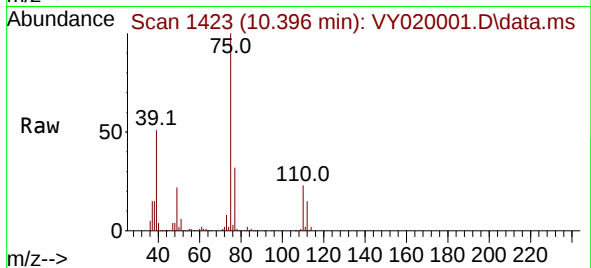




#53
t-1,3-Dichloropropene
Concen: 54.990 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

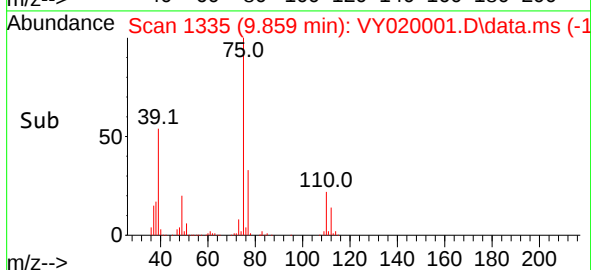
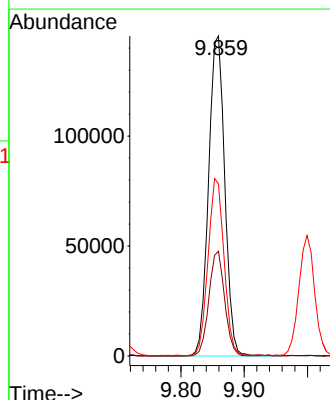
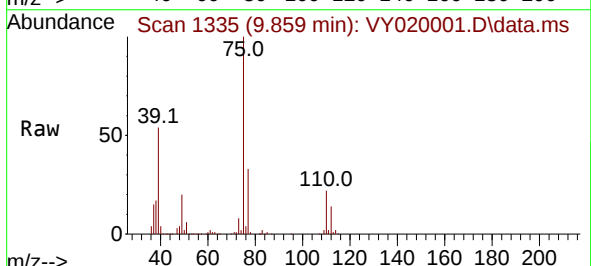
Instrument :
MSVOA_Y
ClientSampleId :

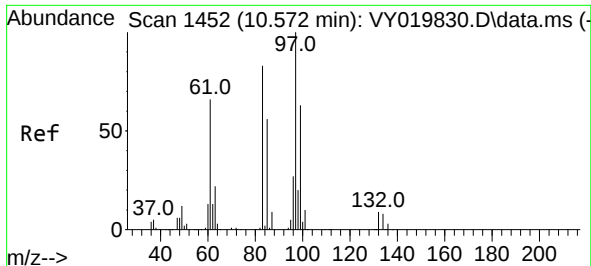
Tgt Ion: 75 Resp: 216124
Ion Ratio Lower Upper
75 100
77 31.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 55.931 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 75 Resp: 259380
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 53.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 55.789 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 120959

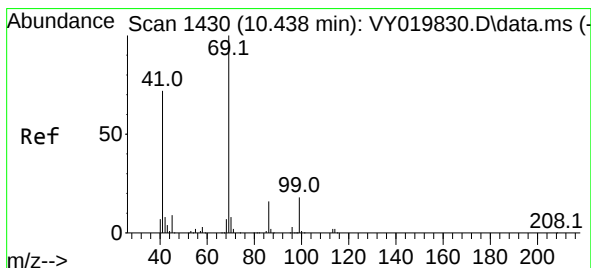
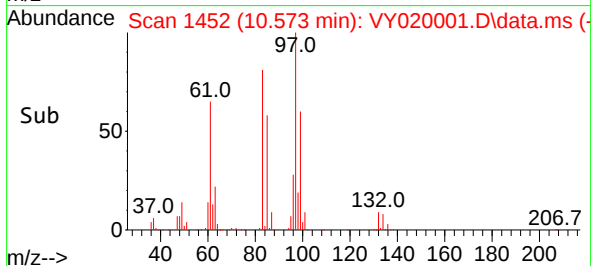
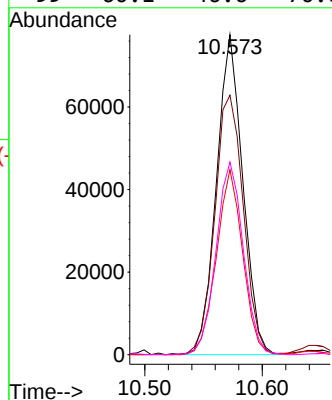
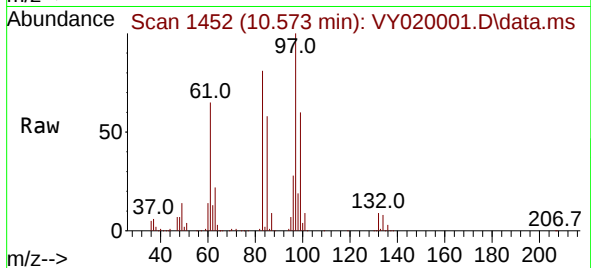
Ion Ratio Lower Upper

97 100

83 80.9 67.5 101.3

85 57.8 42.9 64.3

99 60.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.914 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

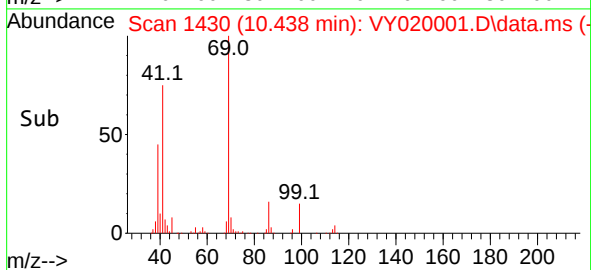
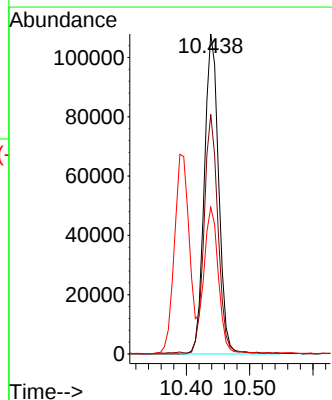
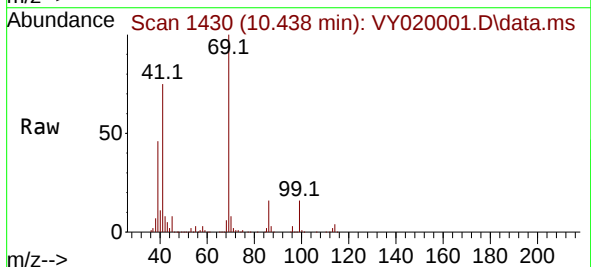
Tgt Ion: 69 Resp: 170842

Ion Ratio Lower Upper

69 100

41 71.6 42.3 63.5#

39 46.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 55.614 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

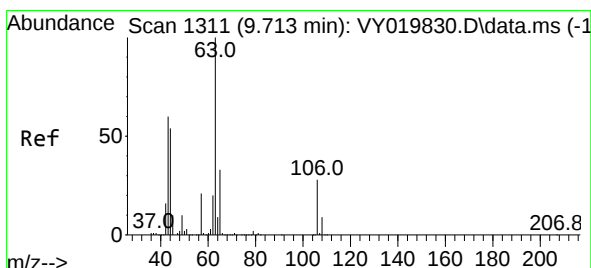
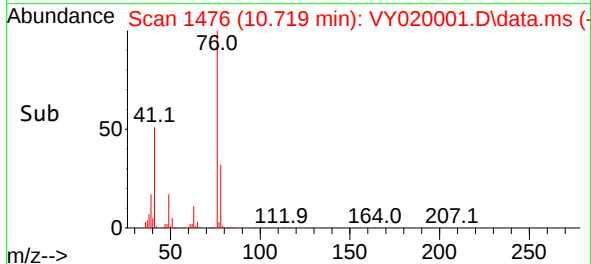
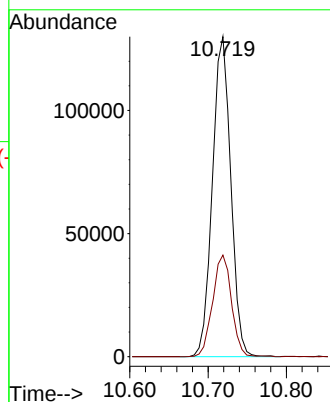
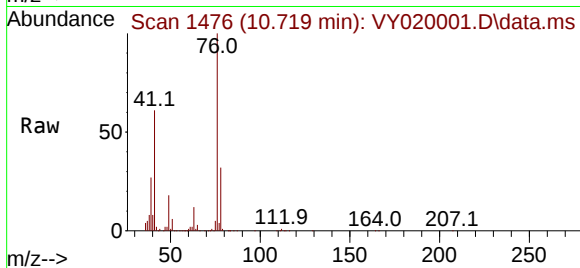
ClientSampleId :

Tgt Ion: 76 Resp: 211756

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 285.953 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020001.D

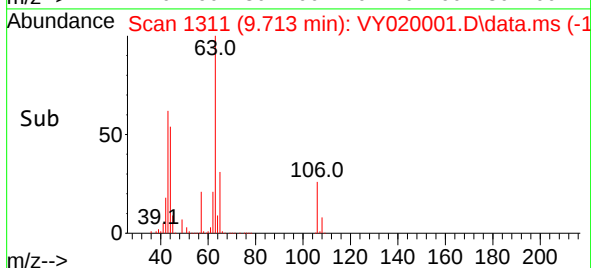
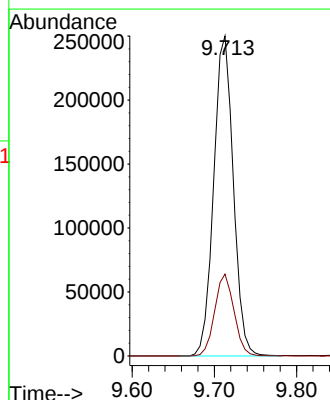
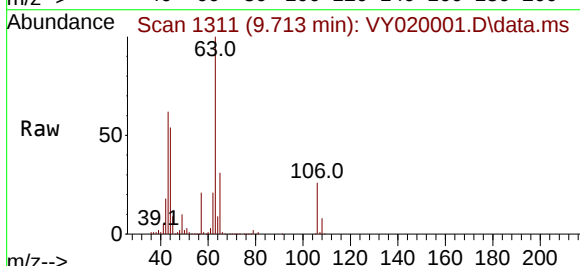
Acq: 24 Oct 2024 10:18

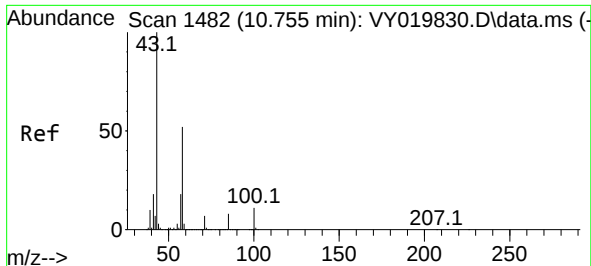
Tgt Ion: 63 Resp: 414150

Ion Ratio Lower Upper

63 100

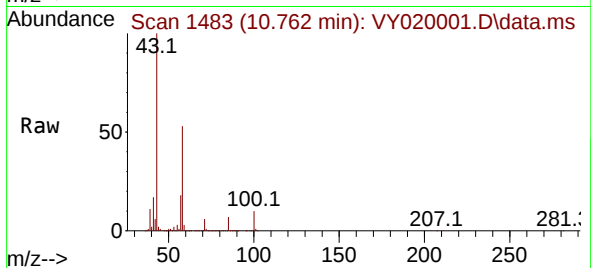
106 25.2 23.7 35.5



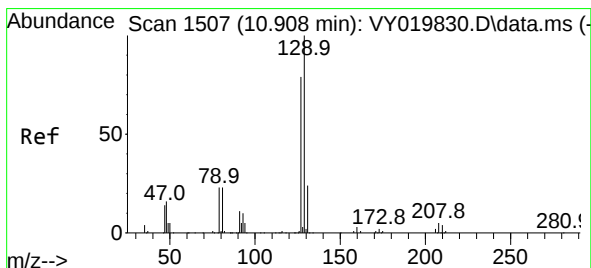
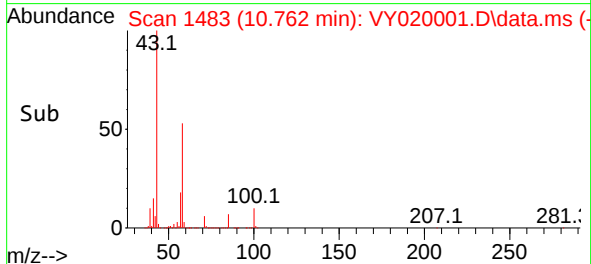
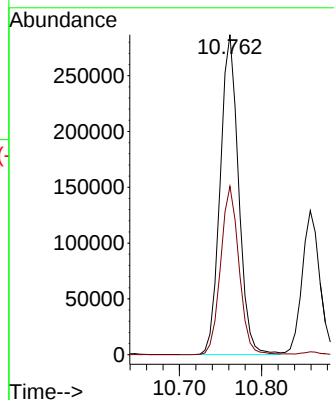


#59
2-Hexanone
Concen: 288.623 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

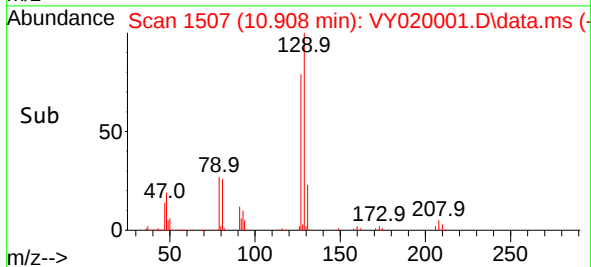
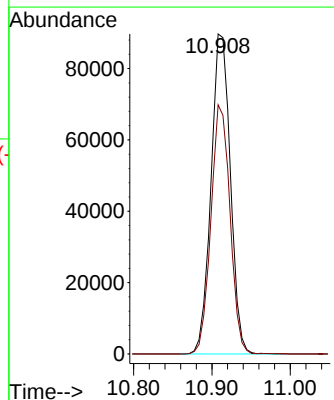
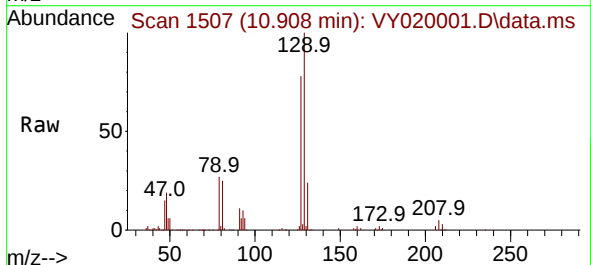


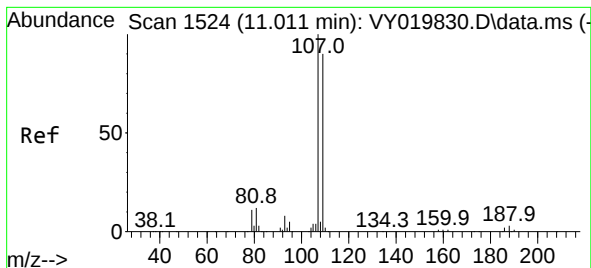
Tgt Ion: 43 Resp: 444614
Ion Ratio Lower Upper
43 100
58 52.6 31.4 94.0



#60
Dibromochloromethane
Concen: 55.239 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 129 Resp: 153724
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

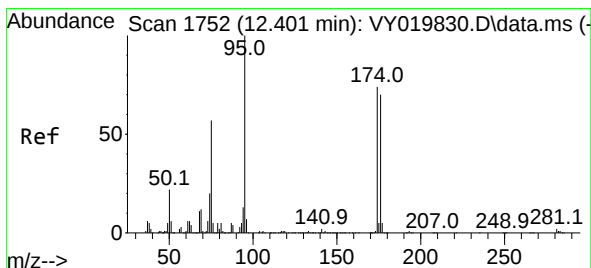
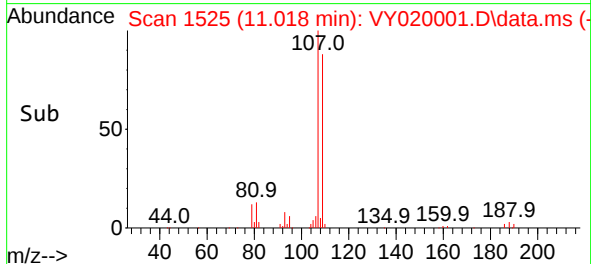
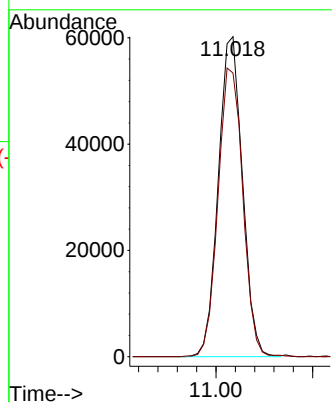
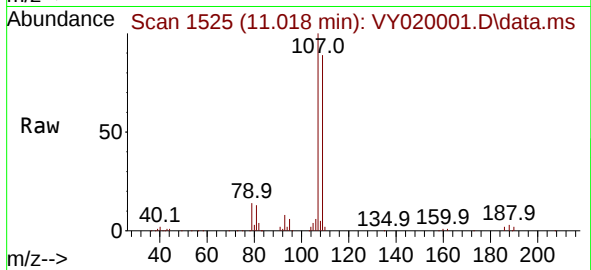




#61
1,2-Dibromoethane
Concen: 53.171 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

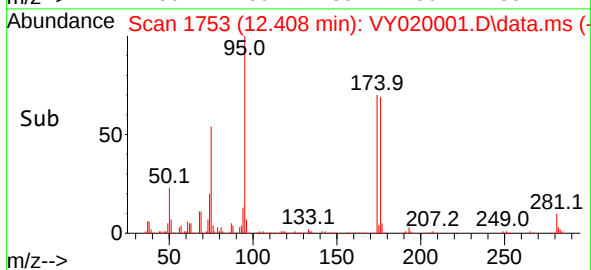
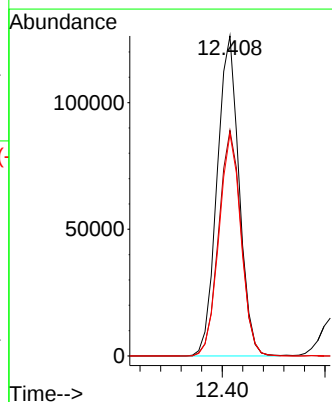
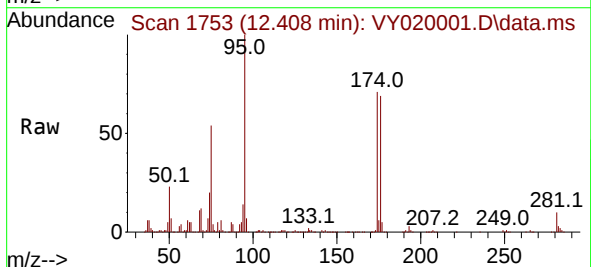
Instrument :
MSVOA_Y
ClientSampleId :

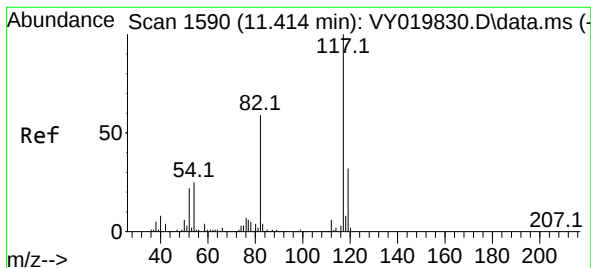
Tgt Ion:107 Resp: 104176
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.903 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 95 Resp: 187467
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 69.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

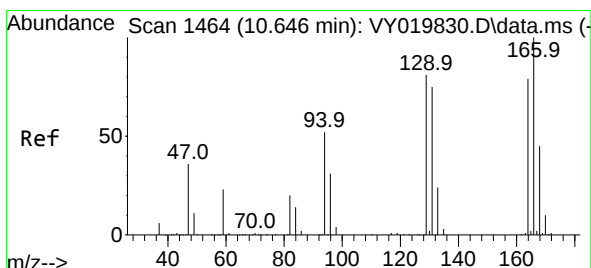
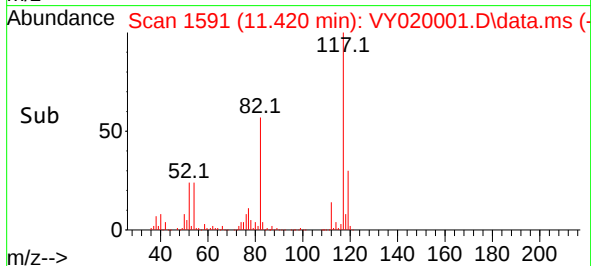
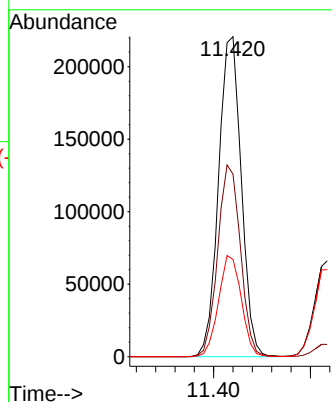
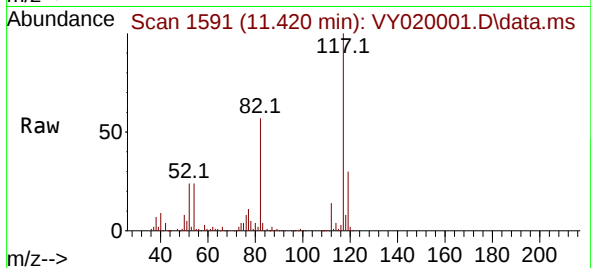
Tgt Ion:117 Resp: 359637

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 30.4 25.9 38.9



#64

Tetrachloroethene

Concen: 49.865 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Tgt Ion:164 Resp: 127556

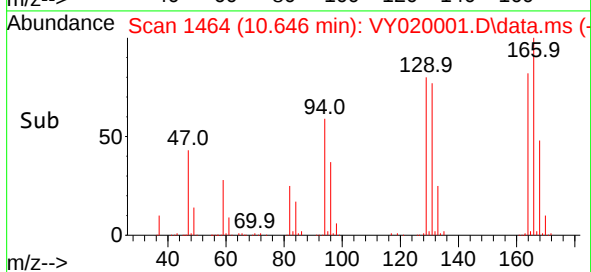
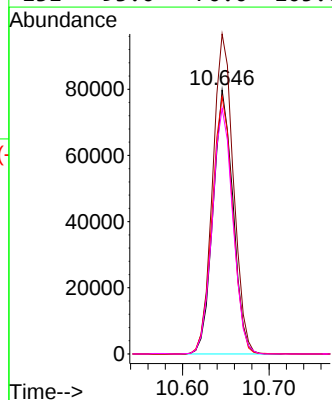
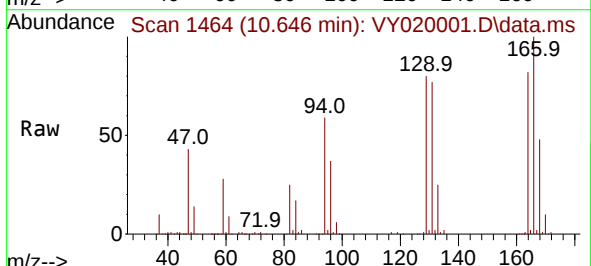
Ion Ratio Lower Upper

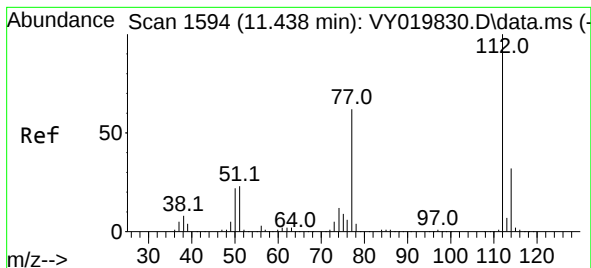
164 100

166 121.2 102.6 154.0

129 97.5 72.0 108.0

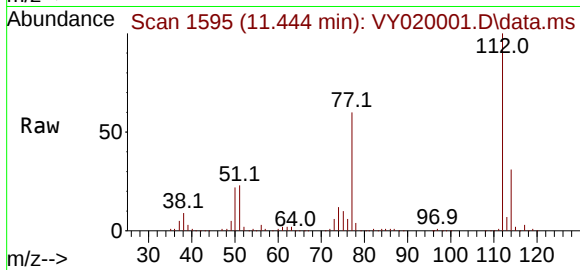
131 93.0 70.0 105.0



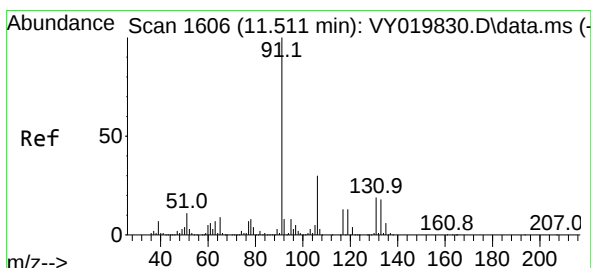
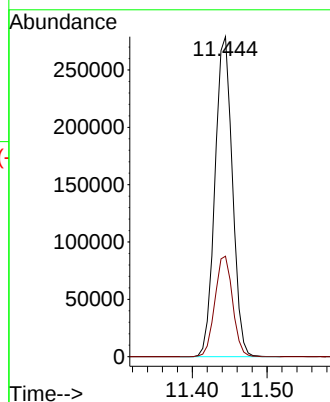
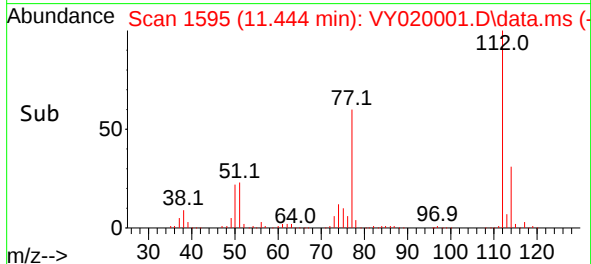


#65
Chlorobenzene
Concen: 54.956 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

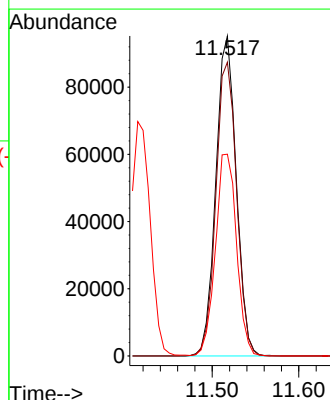
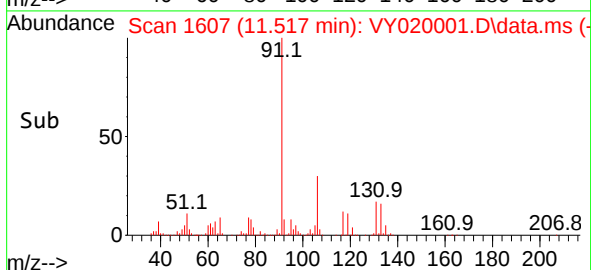
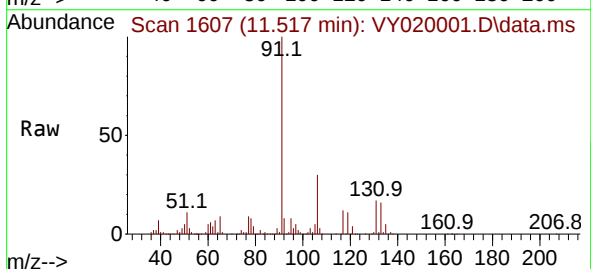


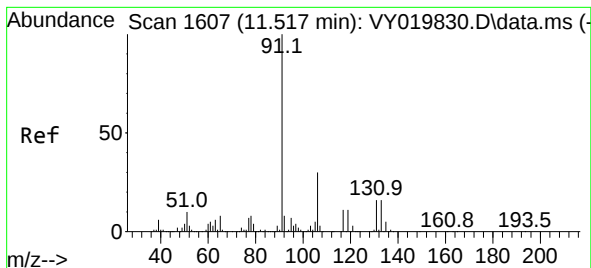
Tgt Ion:112 Resp: 452057
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.016 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion:131 Resp: 155895
Ion Ratio Lower Upper
131 100
133 93.3 47.8 143.3
119 65.4 34.1 102.2

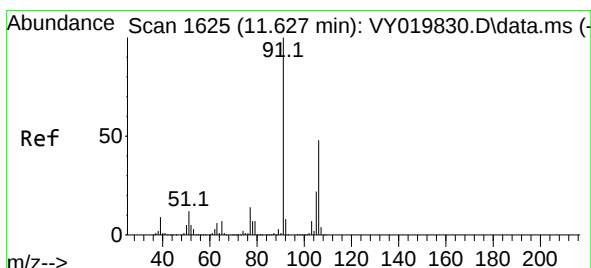
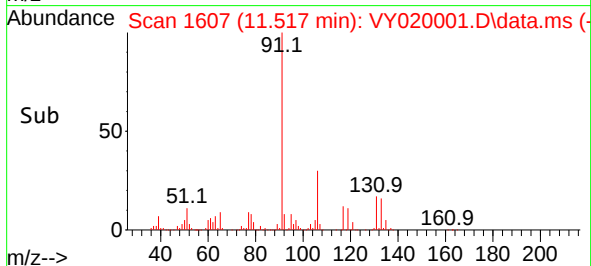
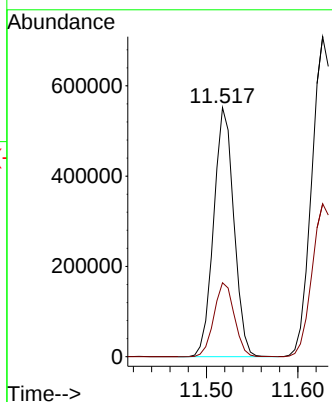
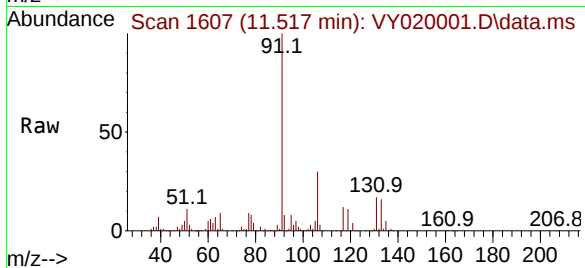




#67
Ethyl Benzene
Concen: 56.751 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

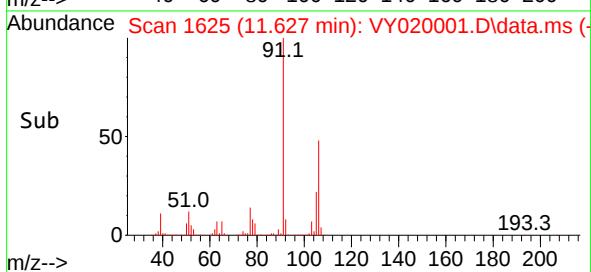
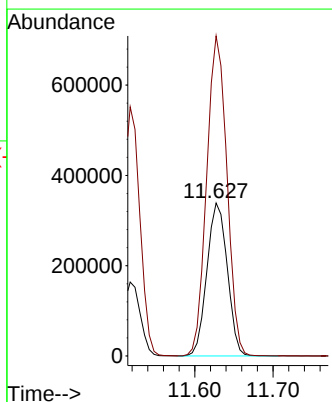
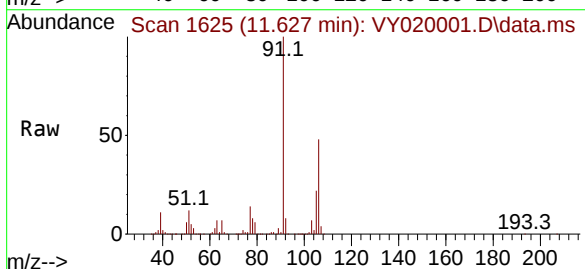
Instrument :
MSVOA_Y
ClientSampleId :

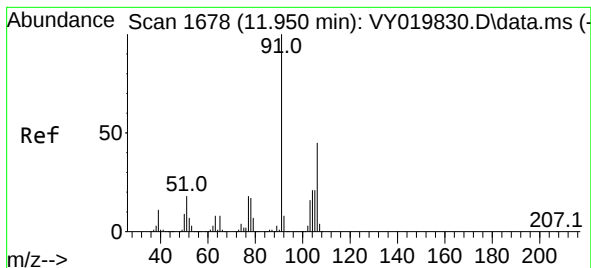
Tgt Ion: 91 Resp: 847998
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7



#68
m/p-Xylenes
Concen: 110.852 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion:106 Resp: 611746
Ion Ratio Lower Upper
106 100
91 208.1 156.0 234.0





#69

o-Xylene

Concen: 55.655 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

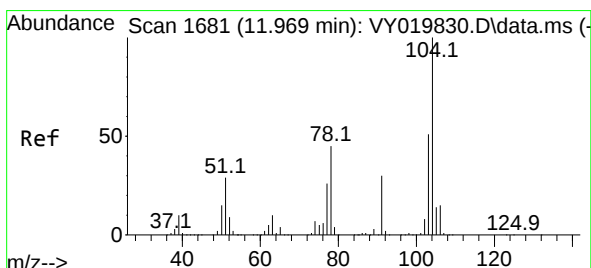
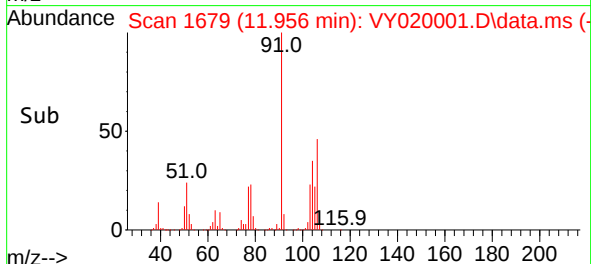
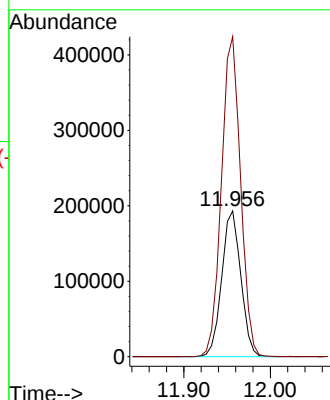
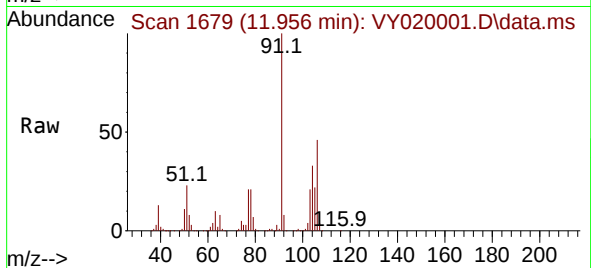
ClientSampleId :

Tgt Ion:106 Resp: 295098

Ion Ratio Lower Upper

106 100

91 220.8 103.6 310.8



#70

Styrene

Concen: 57.014 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

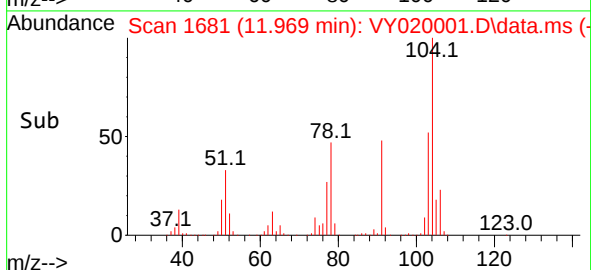
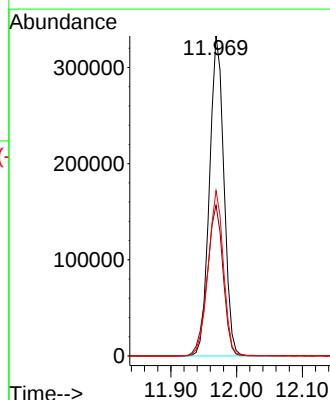
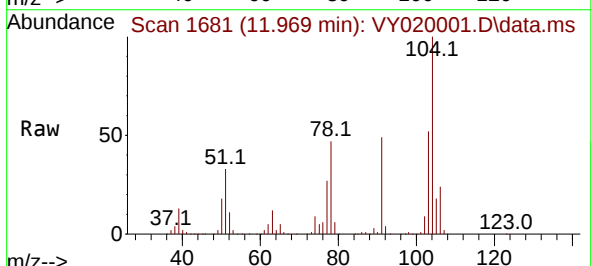
Tgt Ion:104 Resp: 510026

Ion Ratio Lower Upper

104 100

78 51.9 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 54.135 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

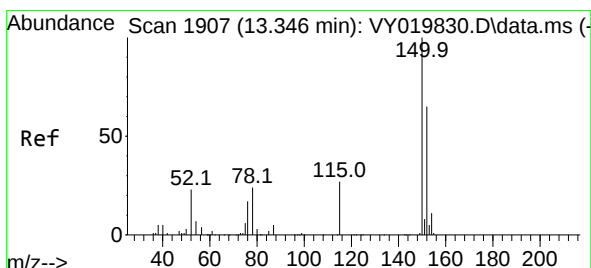
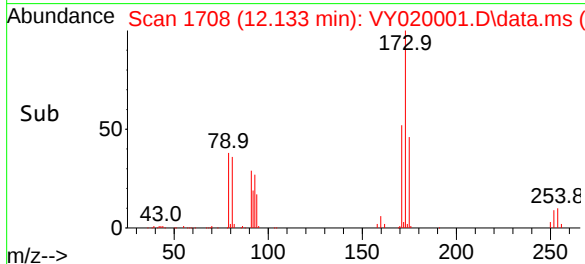
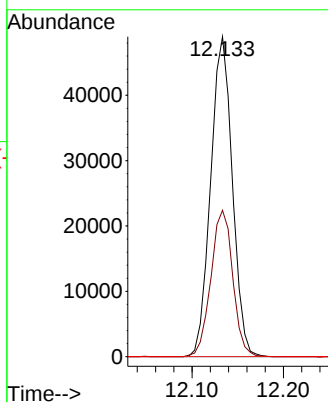
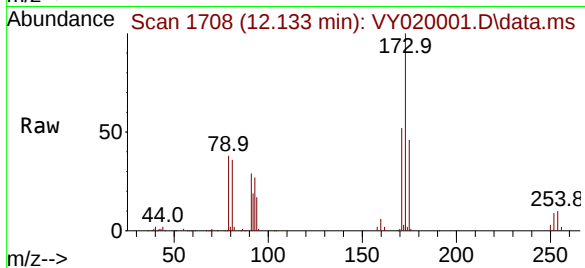
Tgt Ion:173 Resp: 80653

Ion Ratio Lower Upper

173 100

175 46.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

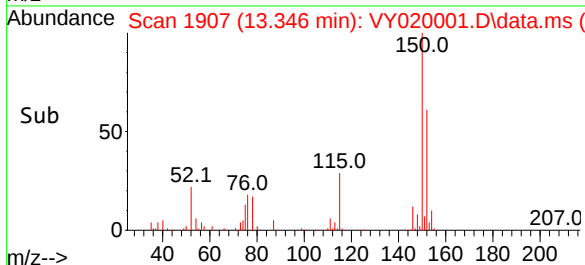
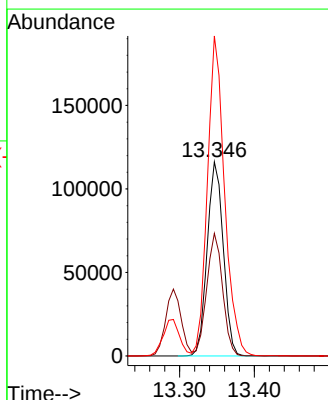
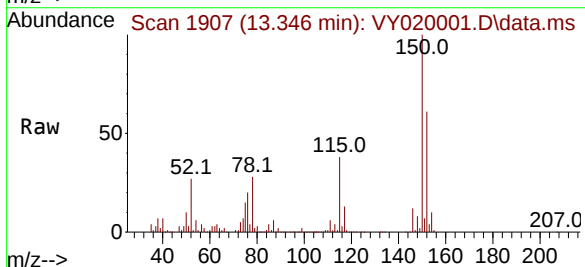
Tgt Ion:152 Resp: 173628

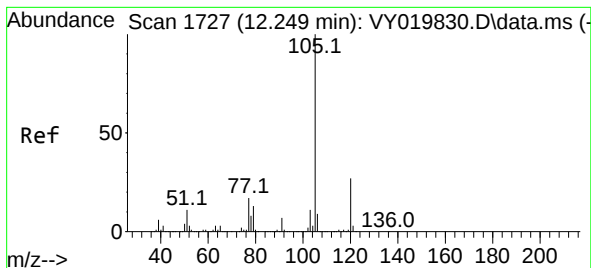
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 175.6 0.0 345.6





#73

Isopropylbenzene

Concen: 55.615 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

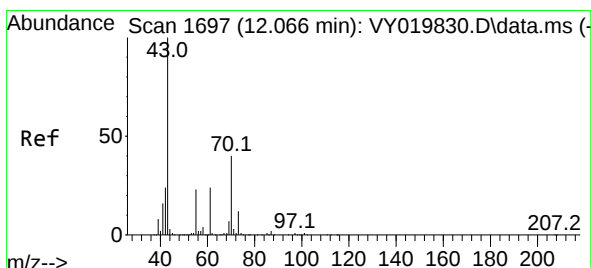
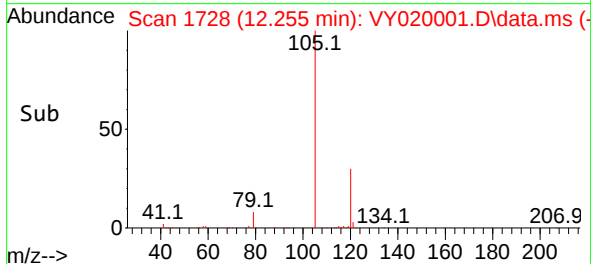
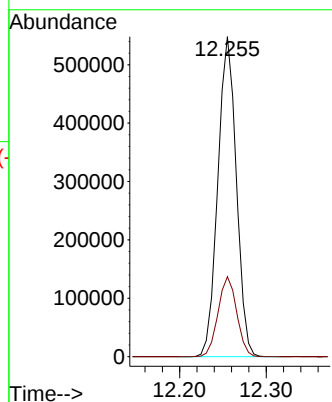
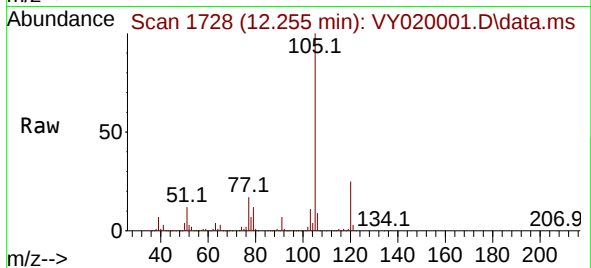
ClientSampleId :

Tgt Ion:105 Resp: 812217

Ion Ratio Lower Upper

105 100

120 25.2 13.4 40.1



#74

N-ethyl acetate

Concen: 54.614 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Tgt Ion: 43 Resp: 211253

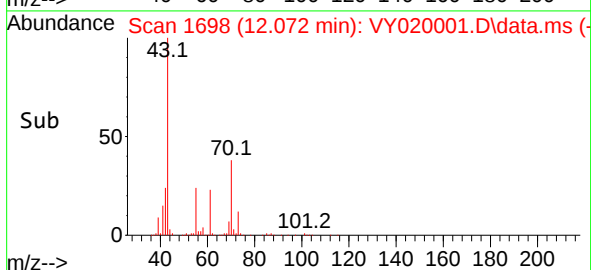
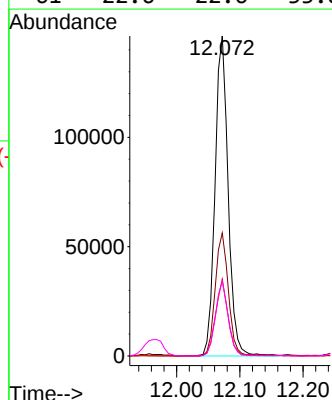
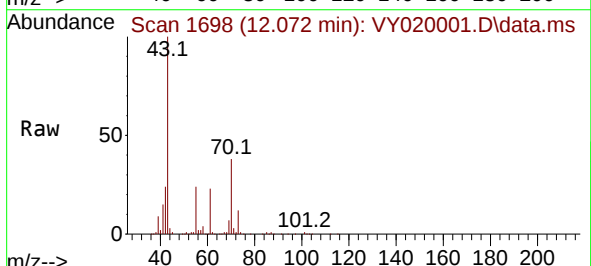
Ion Ratio Lower Upper

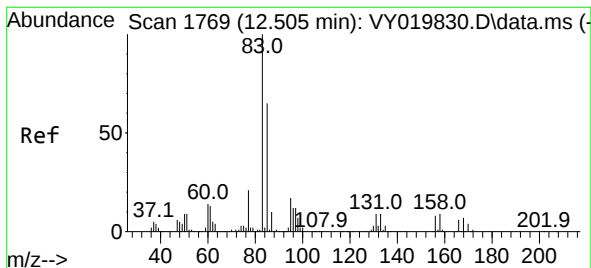
43 100

70 38.7 41.4 62.2#

55 23.3 23.3 34.9

61 22.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.925 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

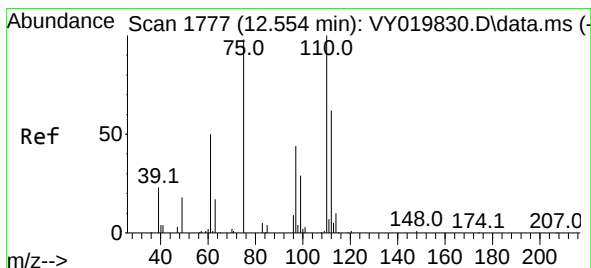
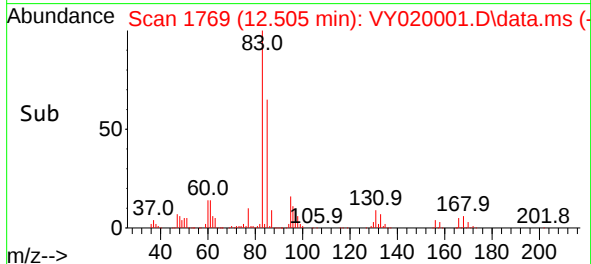
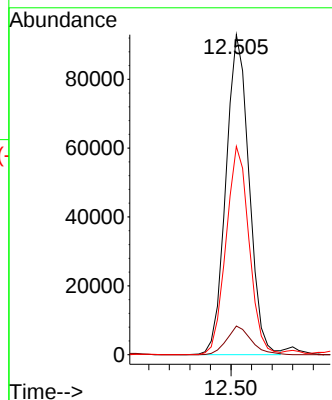
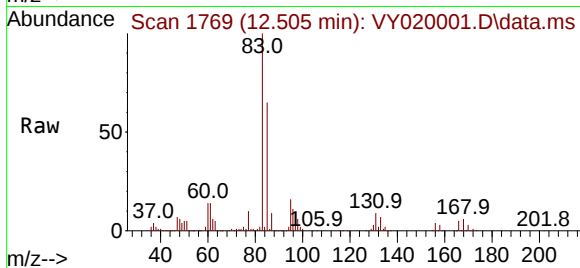
Tgt Ion: 83 Resp: 145126

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 64.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 54.027 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020001.D

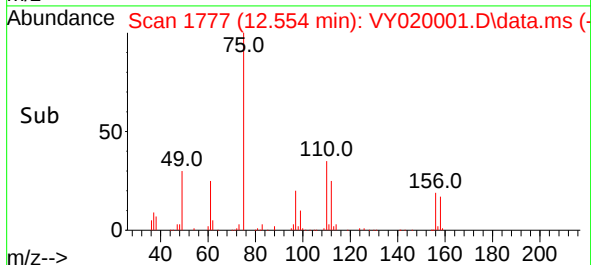
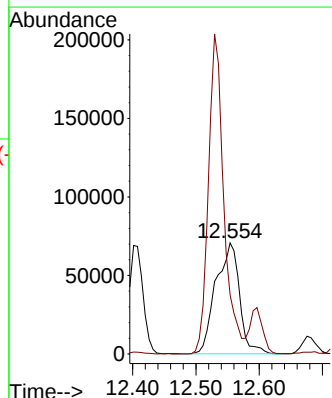
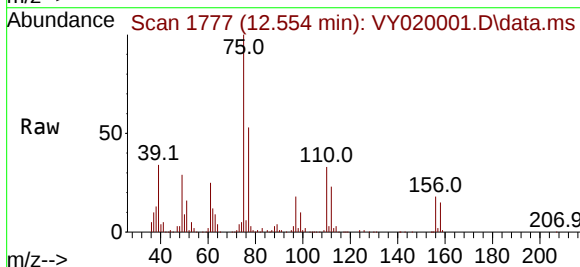
Acq: 24 Oct 2024 10:18

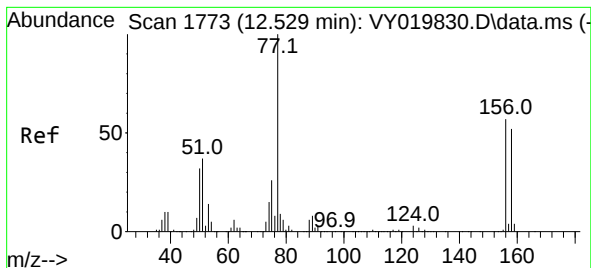
Tgt Ion: 75 Resp: 183764

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.895 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

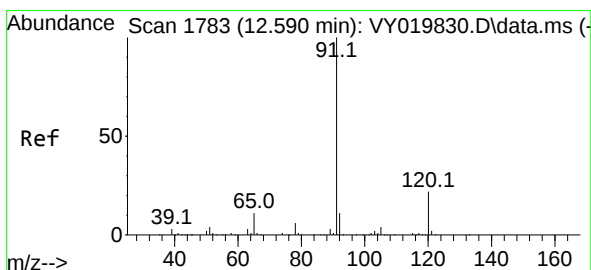
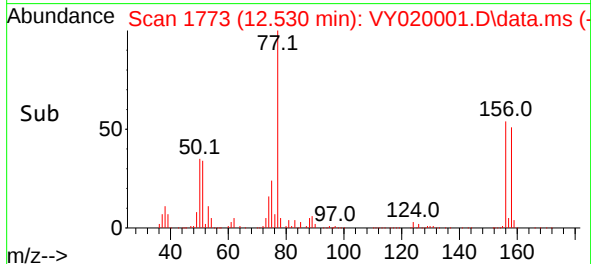
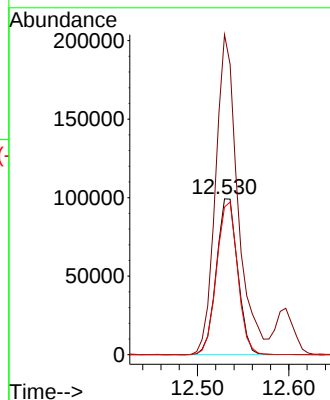
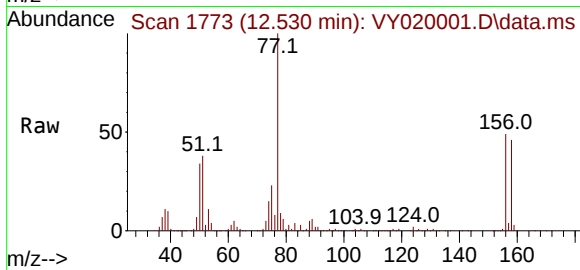
Tgt Ion:156 Resp: 160829

Ion Ratio Lower Upper

156 100

77 214.1 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 56.693 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020001.D

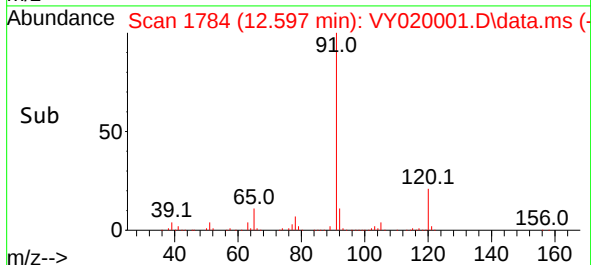
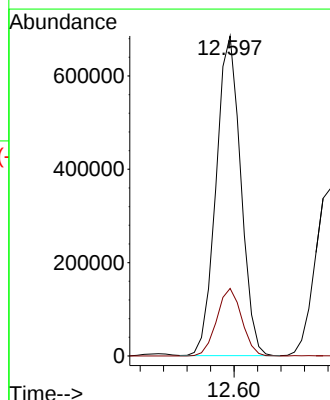
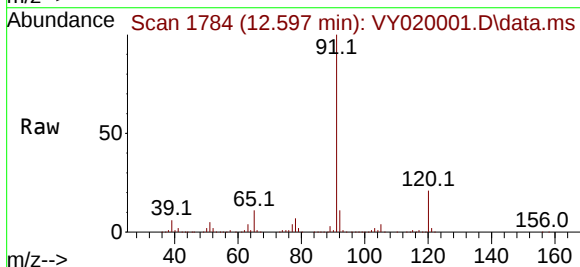
Acq: 24 Oct 2024 10:18

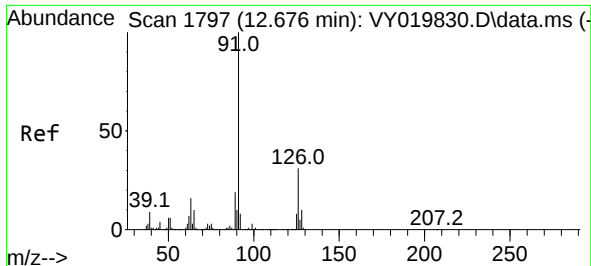
Tgt Ion: 91 Resp: 1000442

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.036 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

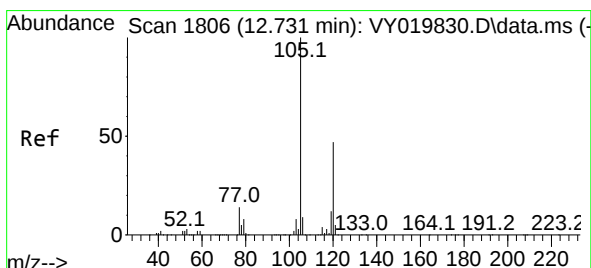
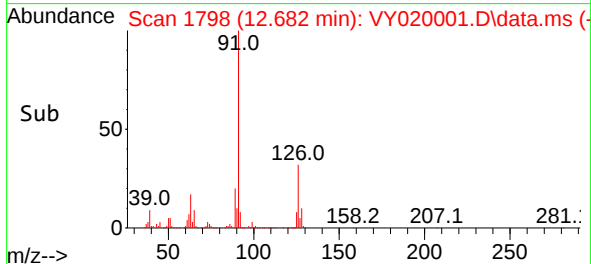
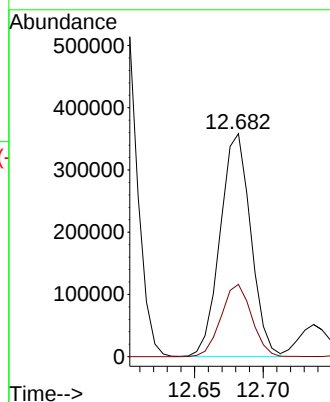
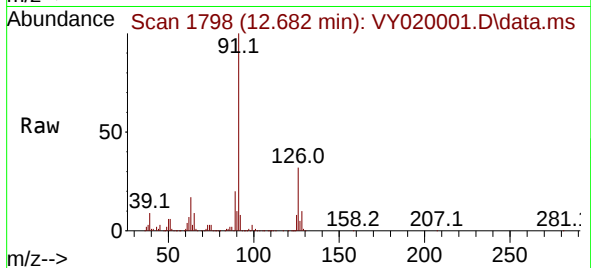
ClientSampleId :

Tgt Ion: 91 Resp: 556787

Ion Ratio Lower Upper

91 100

126 32.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 55.447 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020001.D

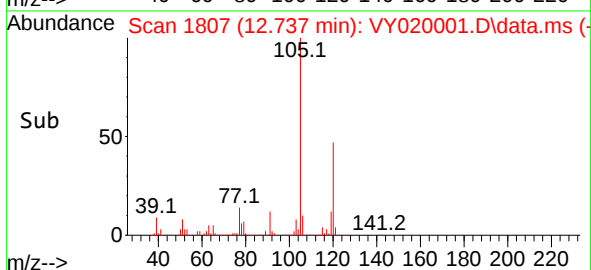
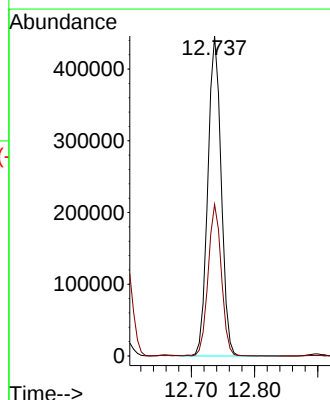
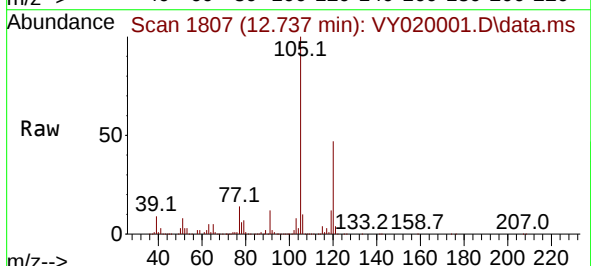
Acq: 24 Oct 2024 10:18

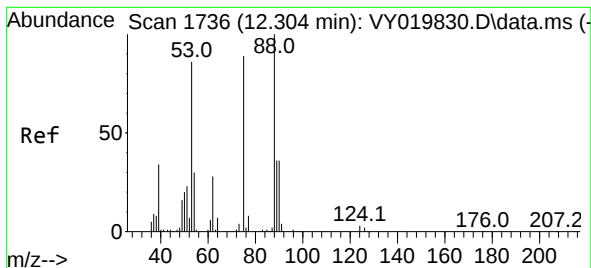
Tgt Ion:105 Resp: 653964

Ion Ratio Lower Upper

105 100

120 47.0 25.1 75.2

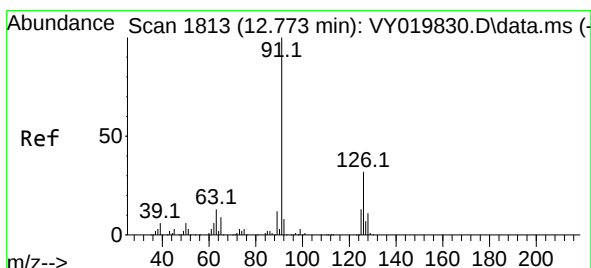
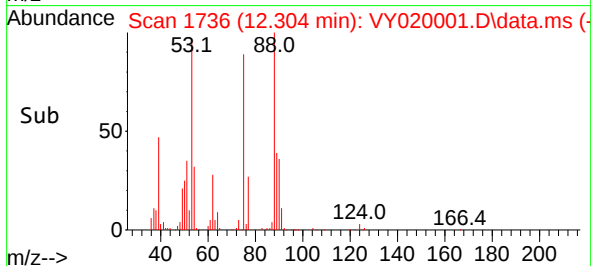
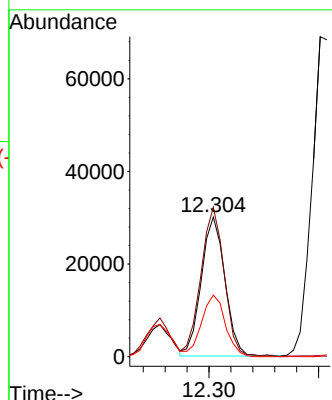
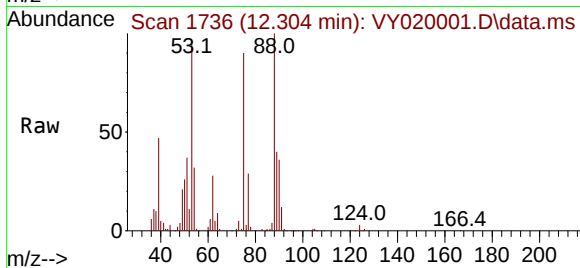




#81
trans-1,4-Dichloro-2-butene
Concen: 53.454 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

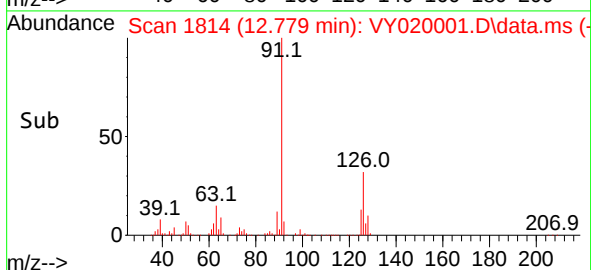
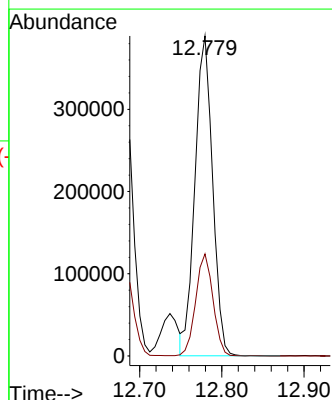
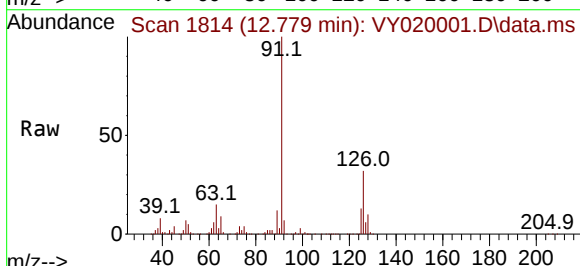
Instrument :
MSVOA_Y
ClientSampleId :

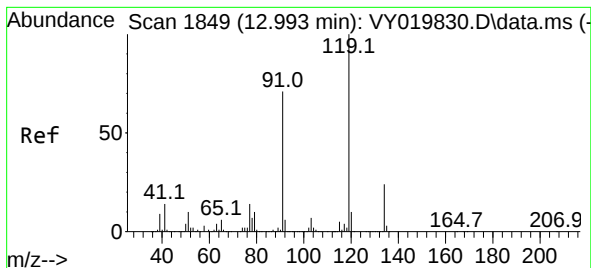
Tgt Ion: 75 Resp: 45044
Ion Ratio Lower Upper
75 100
53 106.5 66.8 100.2#
89 44.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.883 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020001.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 91 Resp: 578077
Ion Ratio Lower Upper
91 100
126 31.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 56.697 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

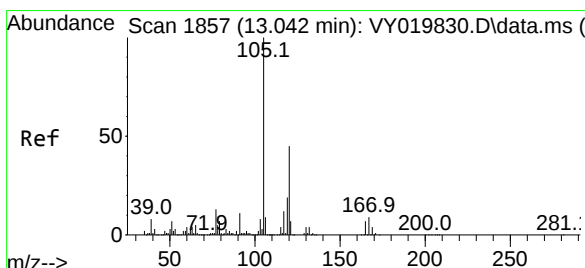
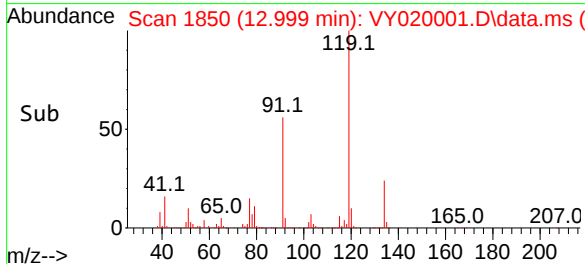
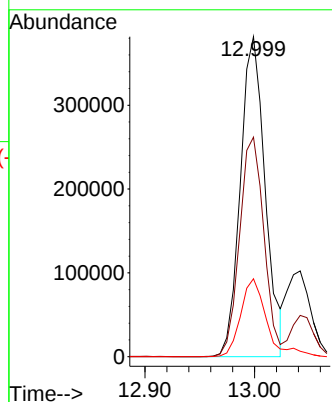
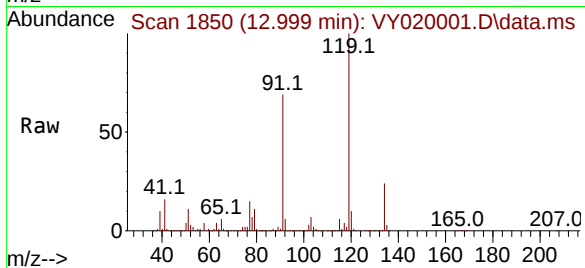
Tgt Ion:119 Resp: 599060

Ion Ratio Lower Upper

119 100

91 67.5 31.3 93.8

134 25.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.662 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020001.D

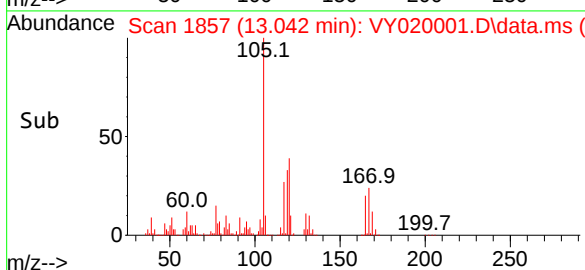
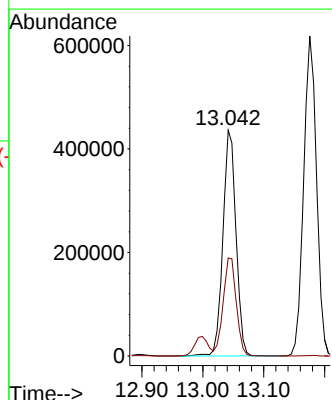
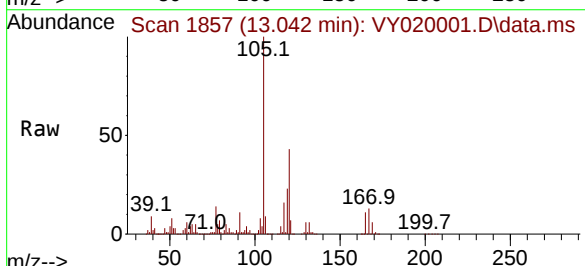
Acq: 24 Oct 2024 10:18

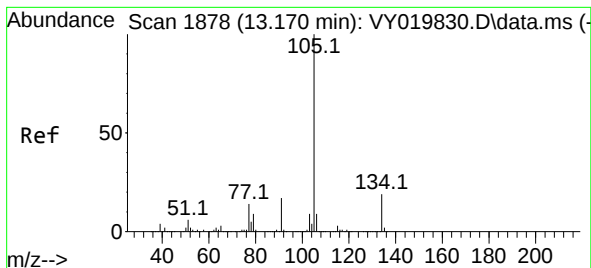
Tgt Ion:105 Resp: 650881

Ion Ratio Lower Upper

105 100

120 43.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.322 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

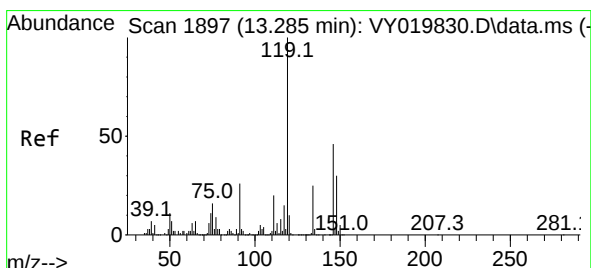
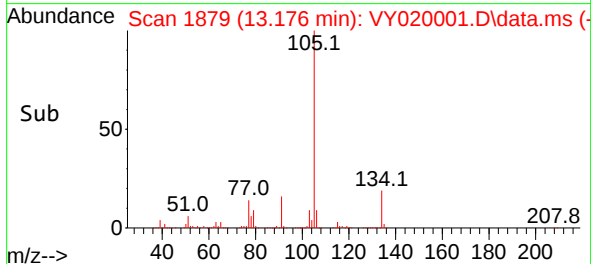
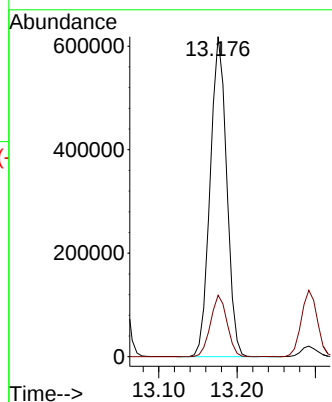
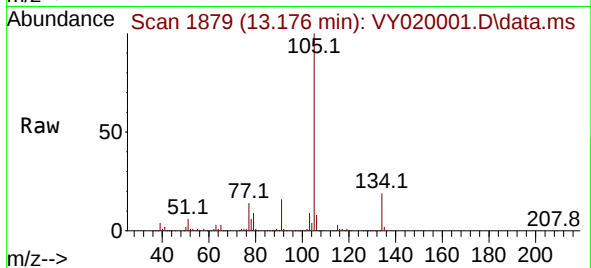
ClientSampleId :

Tgt Ion:105 Resp: 904903

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.678 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

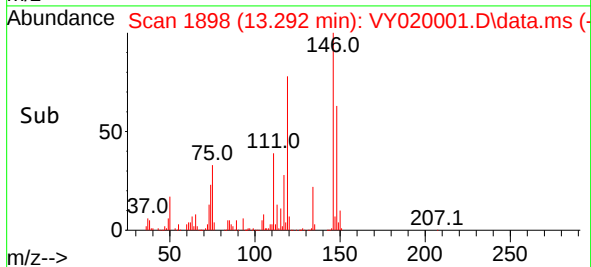
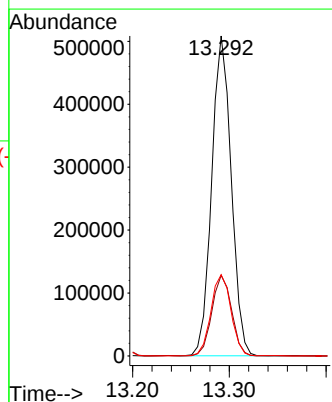
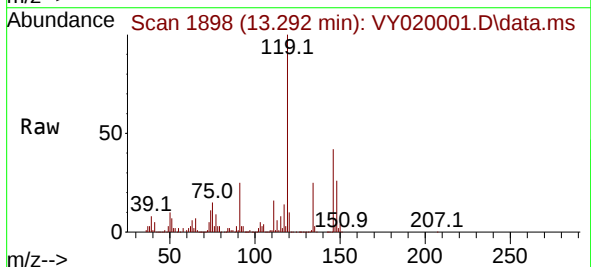
Tgt Ion:119 Resp: 713726

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 26.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.027 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

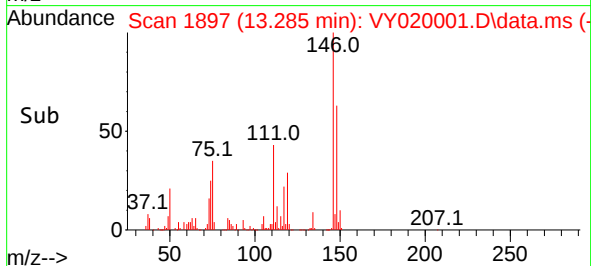
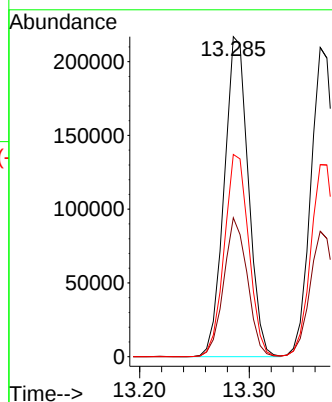
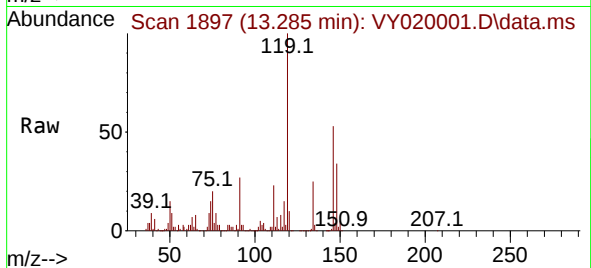
Tgt Ion:146 Resp: 331871

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.011 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

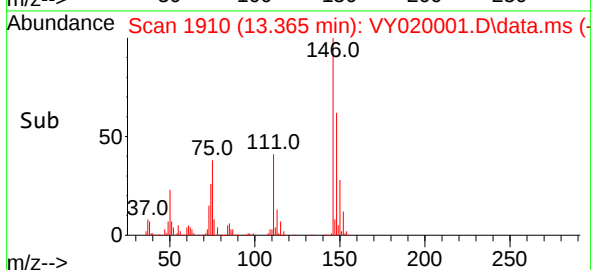
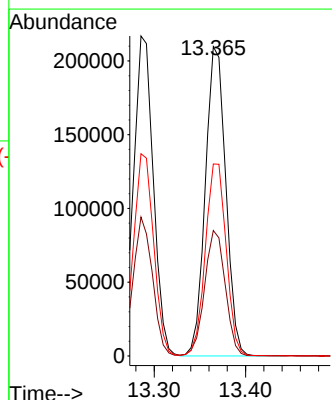
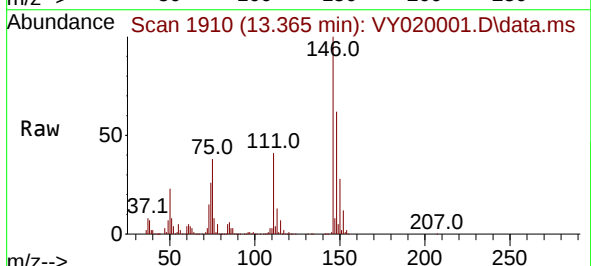
Tgt Ion:146 Resp: 325933

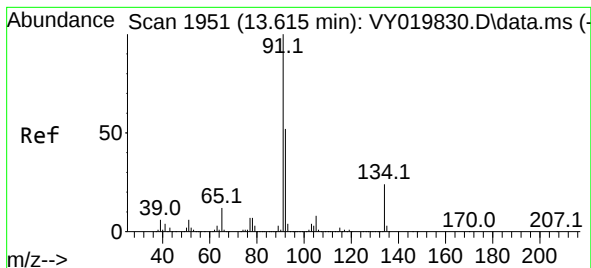
Ion Ratio Lower Upper

146 100

111 40.9 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 57.603 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

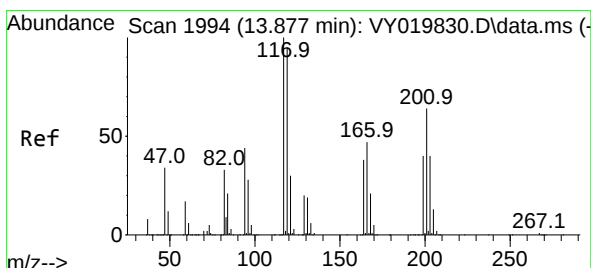
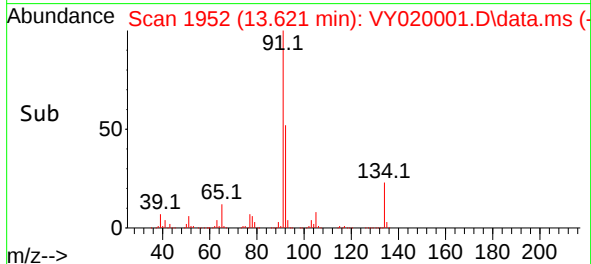
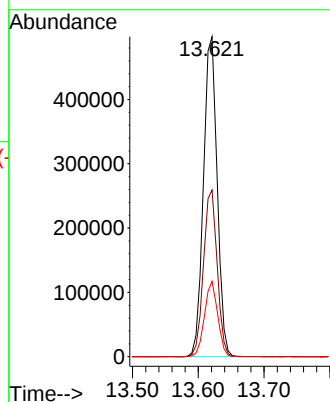
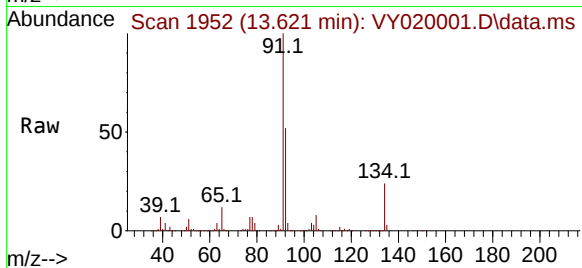
Tgt Ion: 91 Resp: 721021

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

134 22.7 12.9 38.7



#90

Hexachloroethane

Concen: 56.515 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020001.D

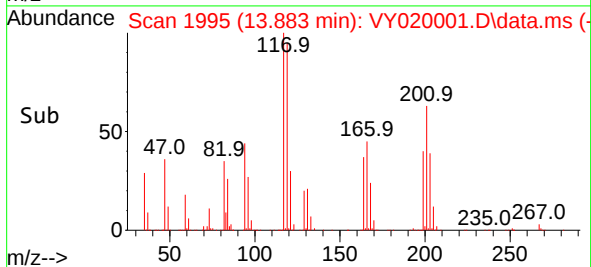
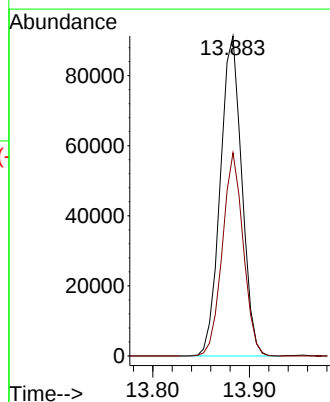
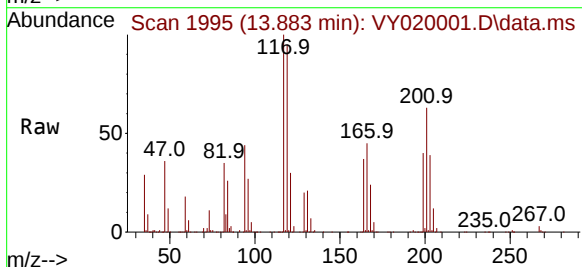
Acq: 24 Oct 2024 10:18

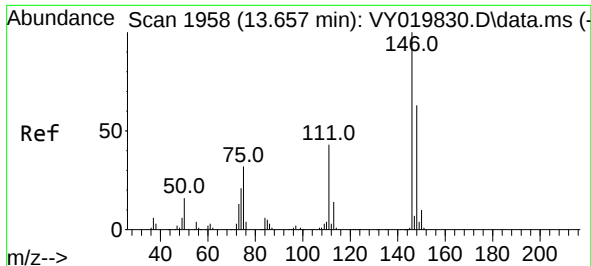
Tgt Ion: 117 Resp: 141067

Ion Ratio Lower Upper

117 100

201 61.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.422 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

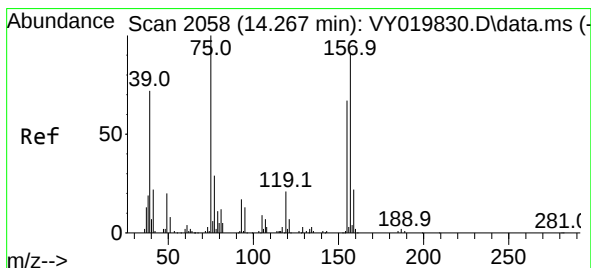
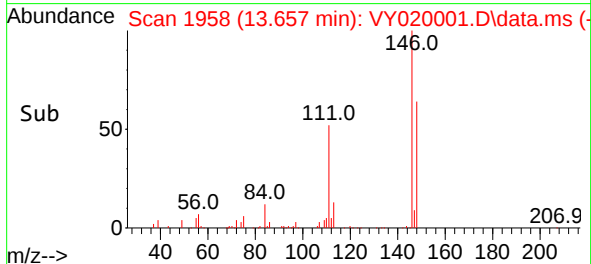
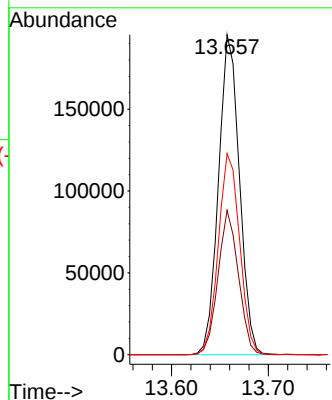
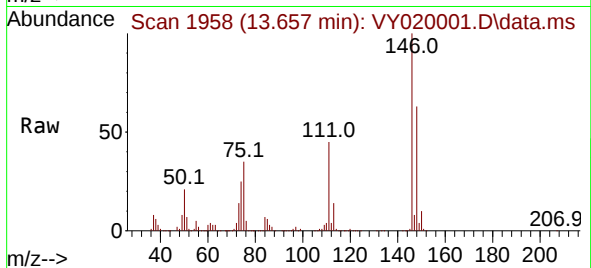
Tgt Ion:146 Resp: 293777

Ion Ratio Lower Upper

146 100

111 44.0 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.103 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

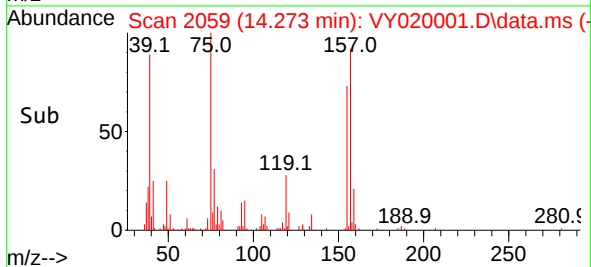
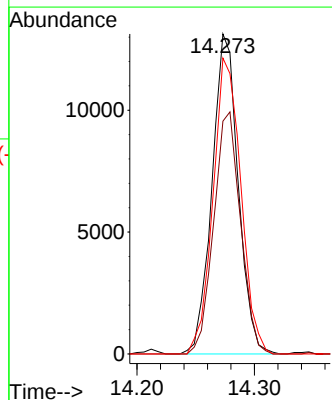
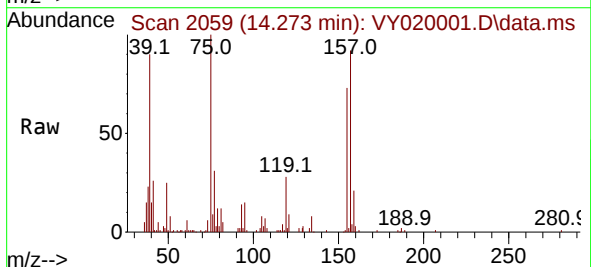
Tgt Ion: 75 Resp: 20336

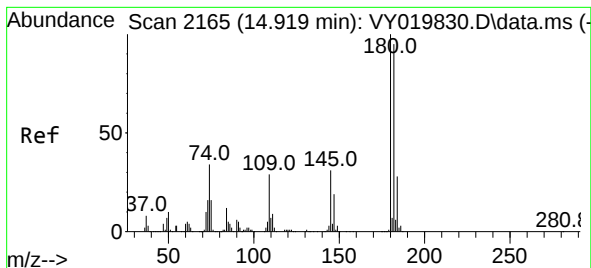
Ion Ratio Lower Upper

75 100

155 77.5 48.6 145.8

157 98.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.061 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

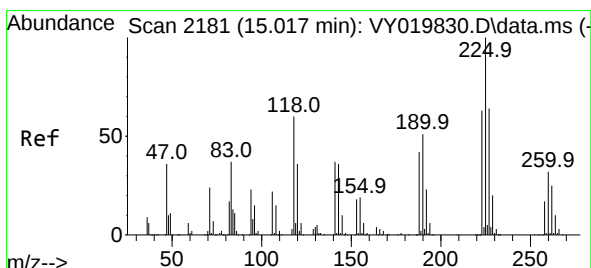
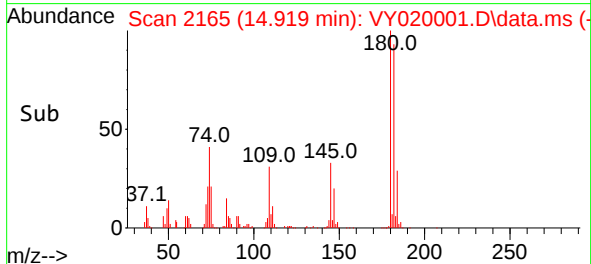
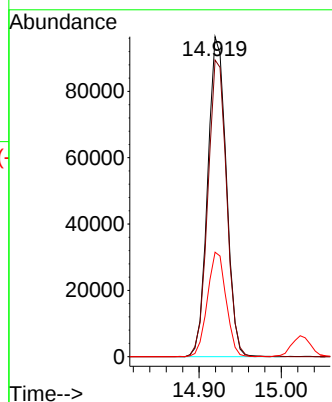
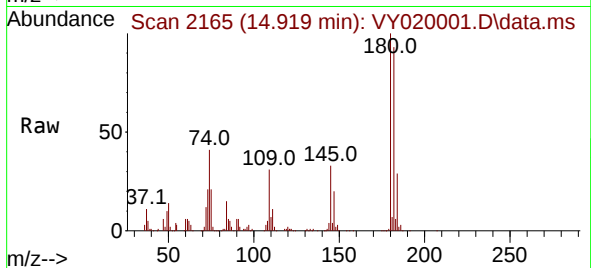
Tgt Ion:180 Resp: 151282

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

145 32.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.733 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

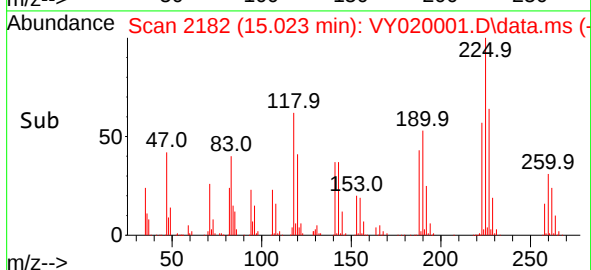
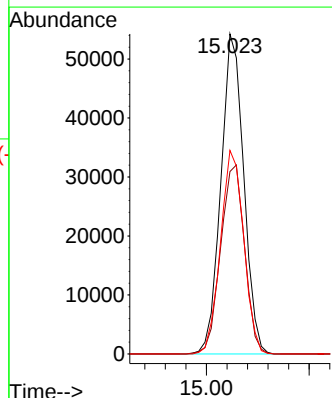
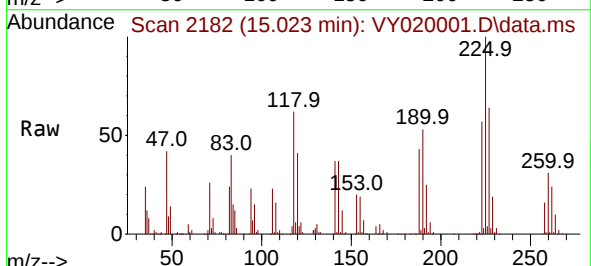
Tgt Ion:225 Resp: 83544

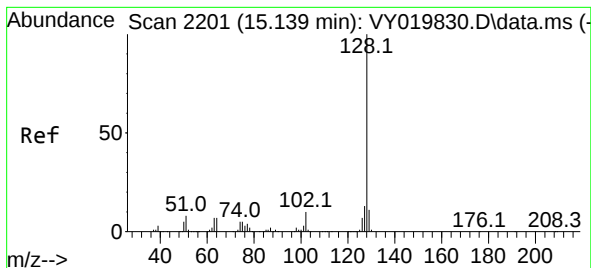
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 49.208 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

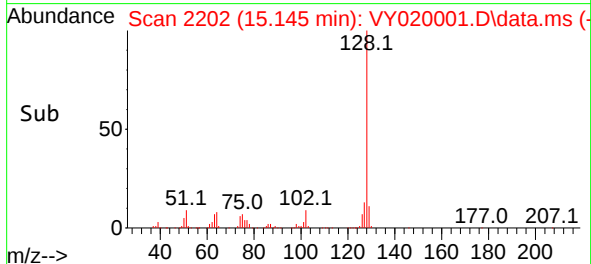
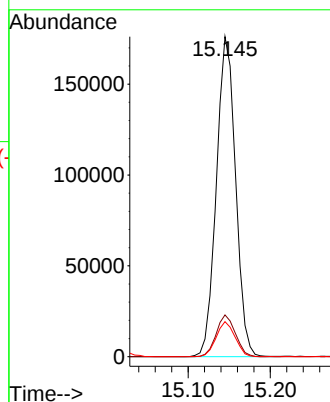
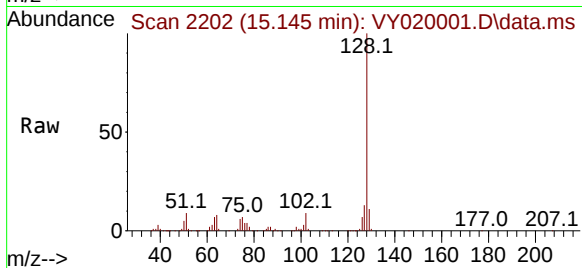
Tgt Ion:128 Resp: 286179

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.206 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020001.D

Acq: 24 Oct 2024 10:18

Tgt Ion:180 Resp: 125653

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 32.9 15.4 46.1

