

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020107.D
 Acq On : 31 Oct 2024 20:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226450	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	435047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	393846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	192141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160090	56.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.280%	
35) Dibromofluoromethane	7.634	113	142231	51.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.103	98	559701	50.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.401	95	190602	53.297	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89584	42.736	ug/l	97
3) Chloromethane	2.068	50	179590	51.723	ug/l	100
4) Vinyl Chloride	2.202	62	190830	51.195	ug/l	98
5) Bromomethane	2.592	94	124824	50.439	ug/l	99
6) Chloroethane	2.732	64	130964	54.441	ug/l	97
7) Trichlorofluoromethane	3.056	101	224146	49.224	ug/l	99
8) Diethyl Ether	3.452	74	74944	59.009	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.818	101	120594	47.217	ug/l	90
10) Methyl Iodide	4.007	142	138423	56.136	ug/l	# 90
11) Tert butyl alcohol	4.854	59	52099	256.275	ug/l	# 97
12) 1,1-Dichloroethene	3.787	96	122155	49.988	ug/l	# 76
13) Acrolein	3.653	56	50159	198.204	ug/l	100
14) Allyl chloride	4.378	41	236420	53.624	ug/l	# 89
15) Acrylonitrile	5.055	53	172387	298.186	ug/l	97
16) Acetone	3.866	43	144839	220.369	ug/l	# 82
17) Carbon Disulfide	4.104	76	421323	51.809	ug/l	99
18) Methyl Acetate	4.385	43	103881	67.363	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	370614	60.284	ug/l	98
20) Methylene Chloride	4.616	84	153812	52.095	ug/l	# 73
21) trans-1,2-Dichloroethene	5.116	96	145989	52.972	ug/l	# 82
22) Diisopropyl ether	6.018	45	548052	59.902	ug/l	# 90
23) Vinyl Acetate	5.957	43	1448489	281.320	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	295581	55.794	ug/l	95
25) 2-Butanone	6.896	43	239262	268.550	ug/l	# 82
26) 2,2-Dichloropropane	6.890	77	177875	40.354	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	180033	56.828	ug/l	86
28) Bromochloromethane	7.244	49	144014	58.055	ug/l	# 72
29) Tetrahydrofuran	7.262	42	160258	311.687	ug/l	# 82
30) Chloroform	7.421	83	298444	56.770	ug/l	95
31) Cyclohexane	7.701	56	238980	46.595	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	241921	52.708	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	203971	47.737	ug/l	94
37) Ethyl Acetate	6.982	43	111833	54.897	ug/l	# 93
38) Carbon Tetrachloride	7.817	117	204909	47.690	ug/l	99
39) Methylcyclohexane	9.109	83	246698	45.491	ug/l	89
40) Benzene	8.079	78	649878	52.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	154899	151.790	ug/l #	15
42) 1,2-Dichloroethane	8.158	62	190971	55.319	ug/l	93
43) Isopropyl Acetate	8.195	43	220543	56.298	ug/l #	77
44) Trichloroethene	8.865	130	146987	50.851	ug/l	90
45) 1,2-Dichloropropane	9.140	63	160324	53.730	ug/l	98
46) Dibromomethane	9.231	93	88365	54.654	ug/l #	88
47) Bromodichloromethane	9.420	83	230165	54.341	ug/l #	99
48) Methyl methacrylate	9.219	41	103856	57.236	ug/l #	81
49) 1,4-Dioxane	9.231	88	18489	1110.729	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	590762	292.673	ug/l	89
52) Toluene	10.170	92	406664	52.897	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	194488	51.999	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	231722	51.906	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	114850	57.132	ug/l	97
56) Ethyl methacrylate	10.438	69	168813	58.542	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	204715	55.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	416873	293.136	ug/l	91
59) 2-Hexanone	10.755	43	396524	274.010	ug/l	86
60) Dibromochloromethane	10.908	129	143511	56.004	ug/l	100
61) 1,2-Dibromoethane	11.011	107	106187	56.855	ug/l	97
64) Tetrachloroethene	10.646	164	151222	58.153	ug/l	92
65) Chlorobenzene	11.438	112	434683	51.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	140630	52.451	ug/l	99
67) Ethyl Benzene	11.517	91	790162	50.370	ug/l	99
68) m/p-Xylenes	11.627	106	583848	101.726	ug/l	92
69) o-Xylene	11.950	106	281965	51.890	ug/l	92
70) Styrene	11.969	104	486927	54.197	ug/l	96
71) Bromoform	12.127	173	75392	54.812	ug/l #	97
73) Isopropylbenzene	12.255	105	728009	47.429	ug/l	98
74) N-amyl acetate	12.066	43	201076	52.406	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	132727	49.444	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	169411	94.059	ug/l #	100
77) Bromobenzene	12.529	156	156448	50.398	ug/l	83
78) n-propylbenzene	12.590	91	902006	47.218	ug/l	96
79) 2-Chlorotoluene	12.676	91	519409	48.983	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	591162	47.973	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	37716	45.042	ug/l #	81
82) 4-Chlorotoluene	12.773	91	534573	49.444	ug/l	94
83) tert-Butylbenzene	12.993	119	518002	48.073	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	604405	49.519	ug/l	96
85) sec-Butylbenzene	13.170	105	773306	46.748	ug/l	98
86) p-Isopropyltoluene	13.292	119	623356	46.959	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	314469	49.867	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	312254	49.722	ug/l	95
89) n-Butylbenzene	13.615	91	612594	46.036	ug/l	98
90) Hexachloroethane	13.877	117	126147	48.051	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	277631	50.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20552	50.483	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	140725	47.791	ug/l	98
94) Hexachlorobutadiene	15.023	225	69580	43.213	ug/l	98
95) Naphthalene	15.139	128	283470	51.499	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	118564	47.434	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

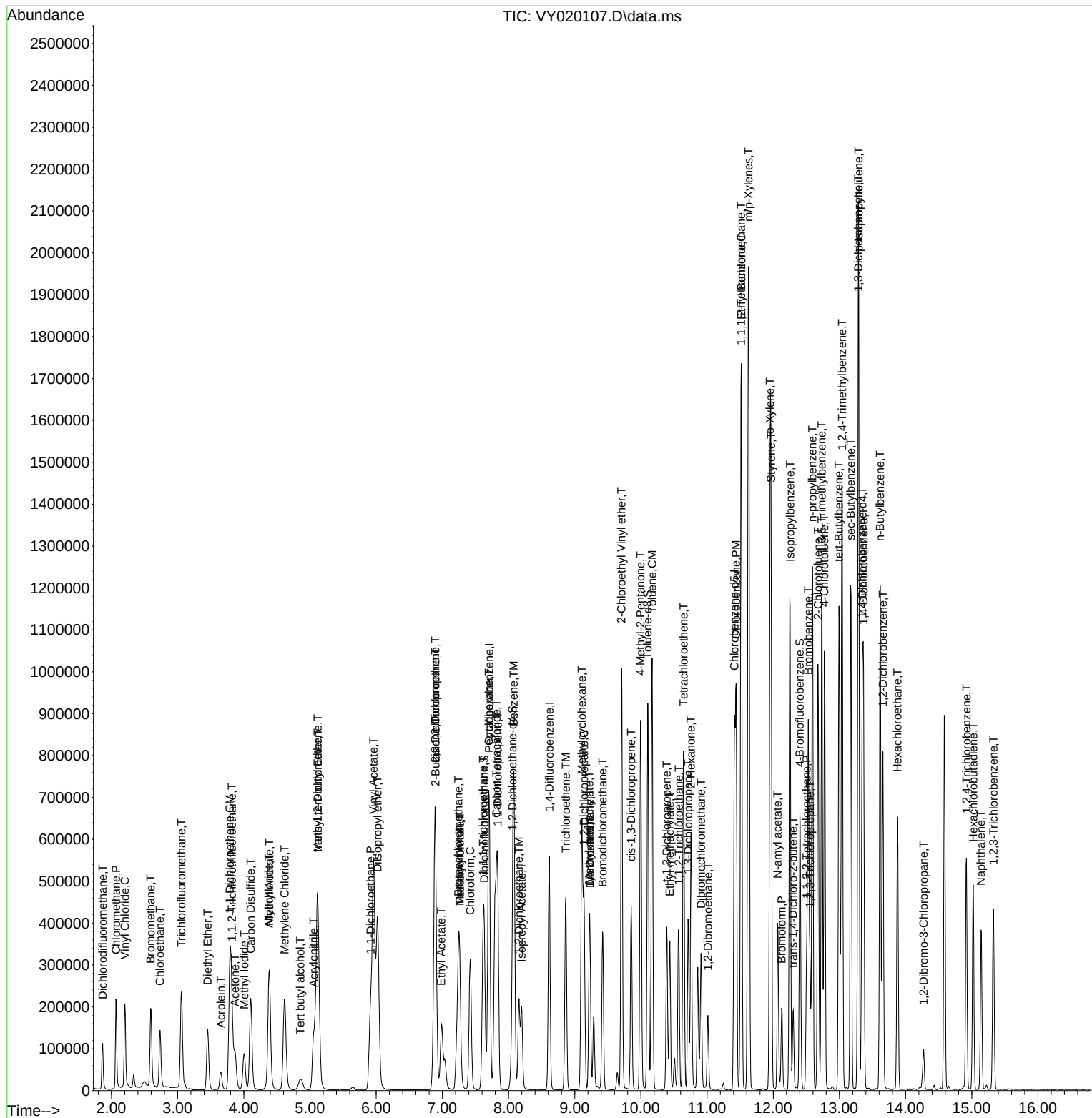
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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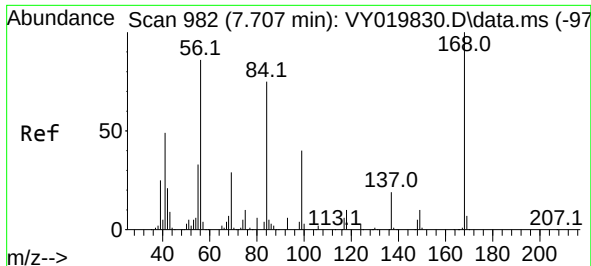
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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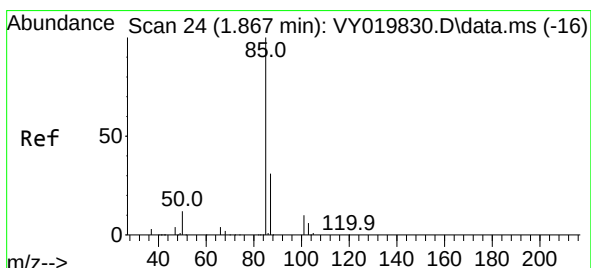
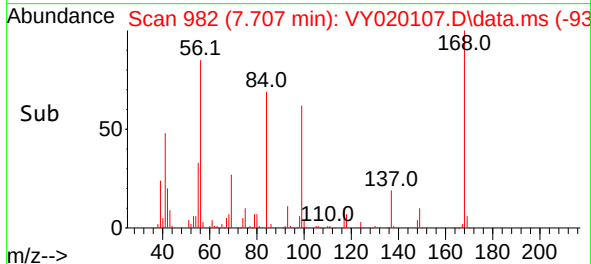
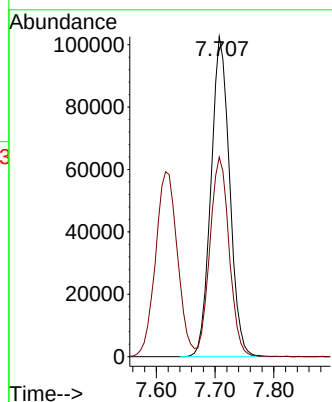
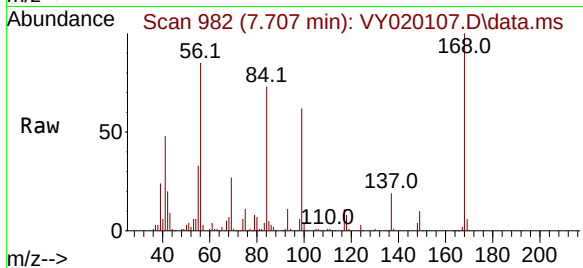




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020107.D
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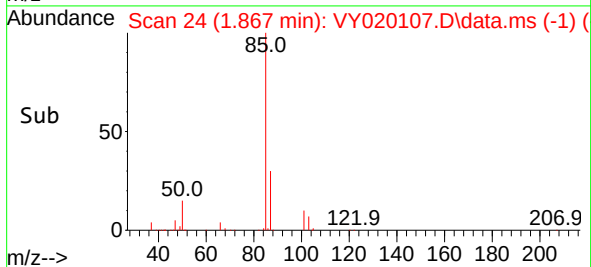
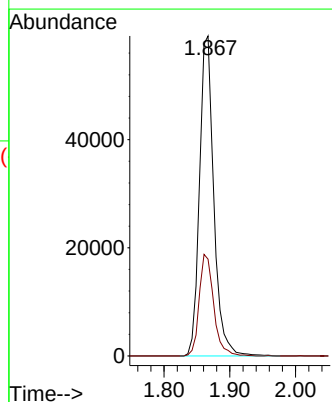
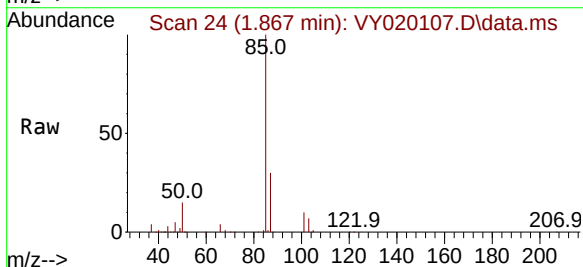
Instrument :
MSVOA_Y
ClientSampleId :

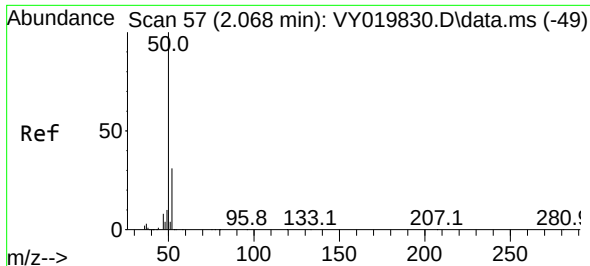
Tgt Ion:168 Resp: 226450
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 42.736 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 85 Resp: 89584
Ion Ratio Lower Upper
85 100
87 30.3 16.0 48.0

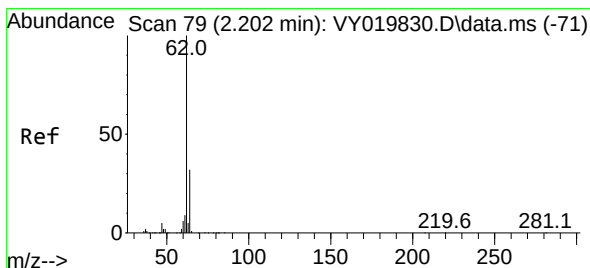
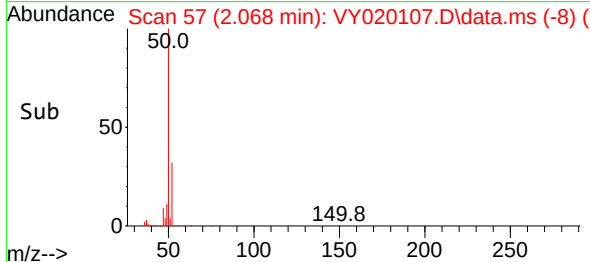
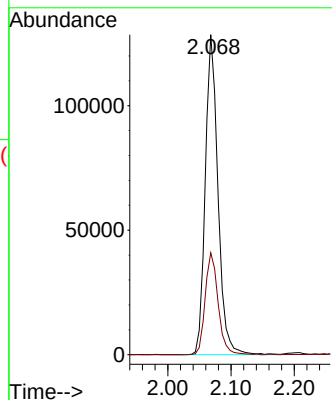
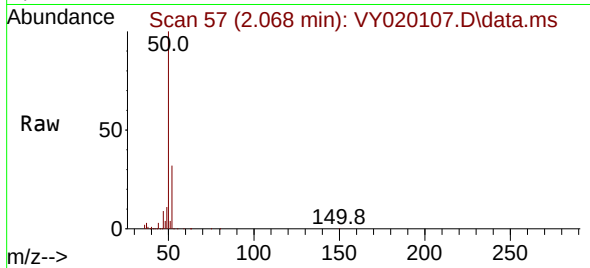




#3
Chloromethane
Concen: 51.723 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

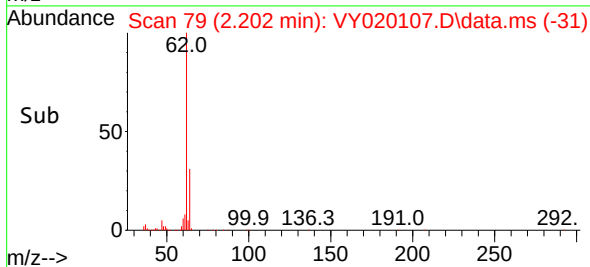
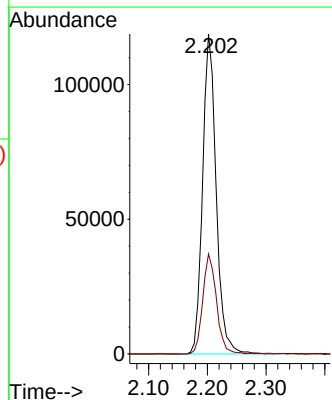
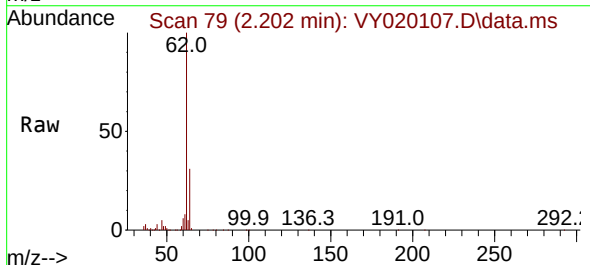
Instrument :
MSVOA_Y
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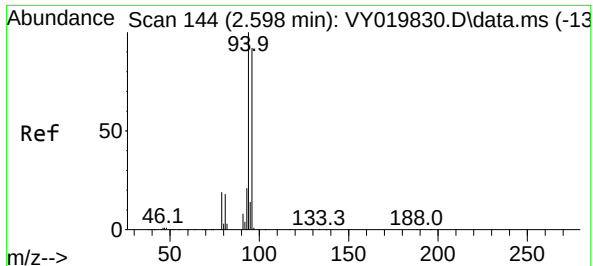
Tgt Ion: 50 Resp: 179590
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4



#4
Vinyl Chloride
Concen: 51.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 62 Resp: 190830
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1

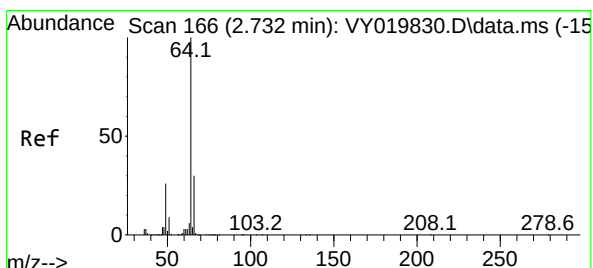
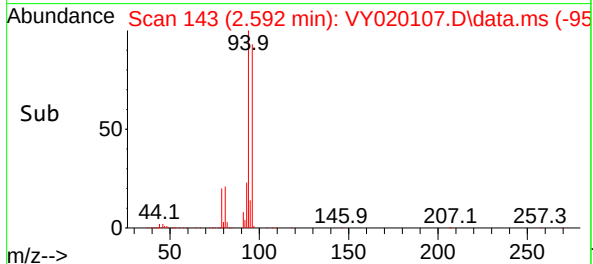
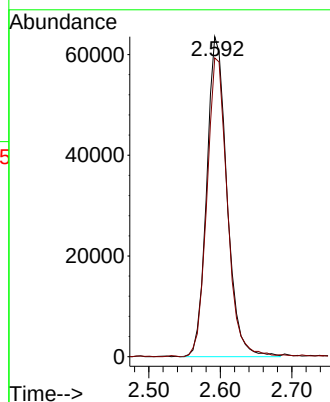
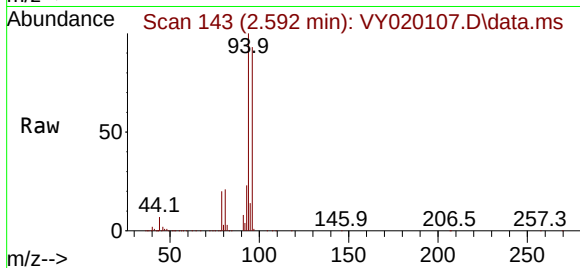




#5
Bromomethane
Concen: 50.439 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

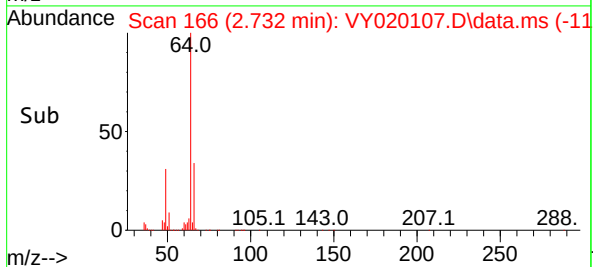
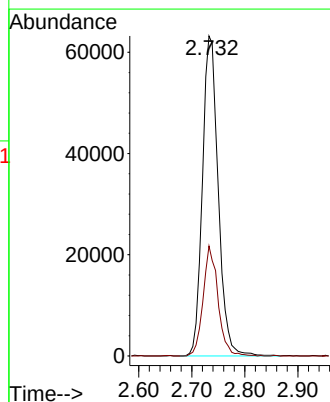
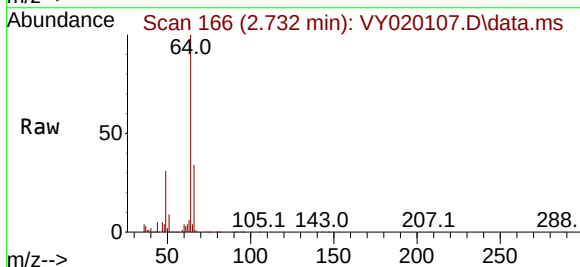
Instrument :
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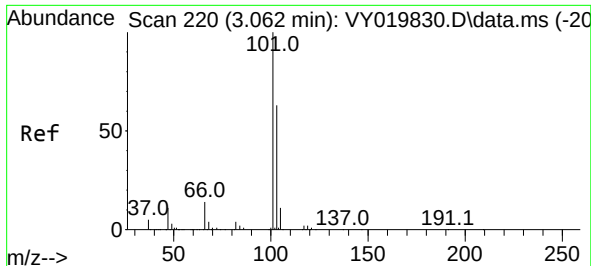
Tgt Ion: 94 Resp: 124824
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1



#6
Chloroethane
Concen: 54.441 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 64 Resp: 130964
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1

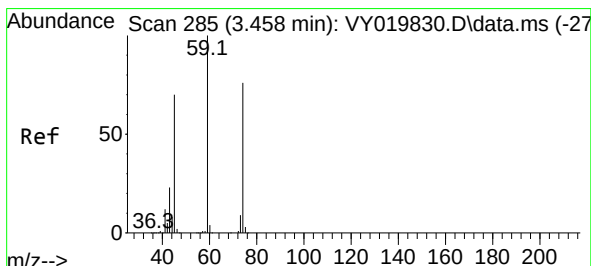
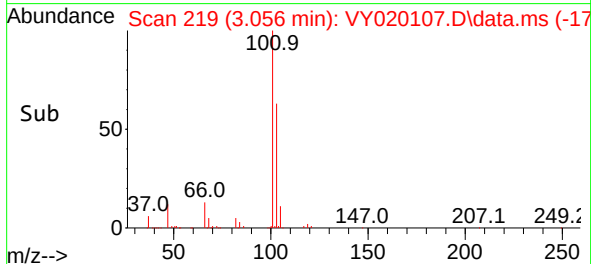
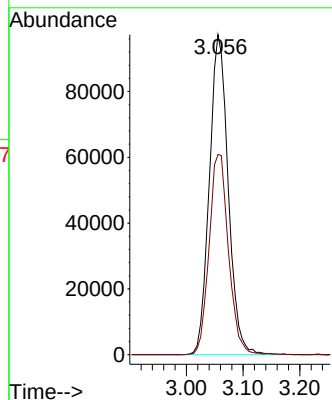
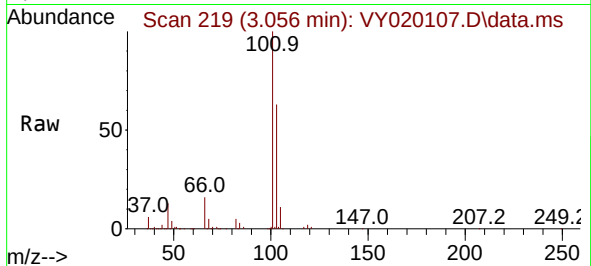




#7
 Trichlorofluoromethane
 Concen: 49.224 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

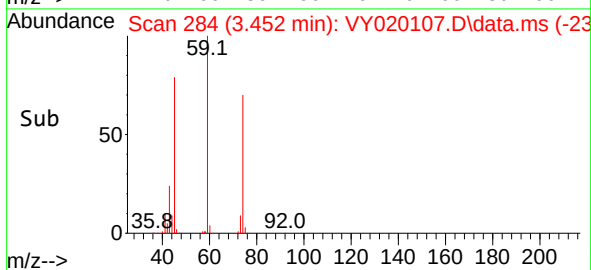
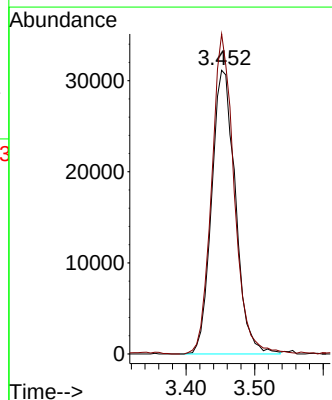
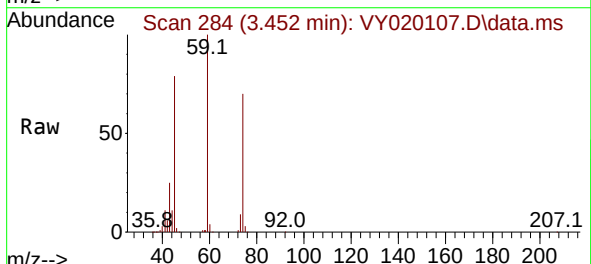
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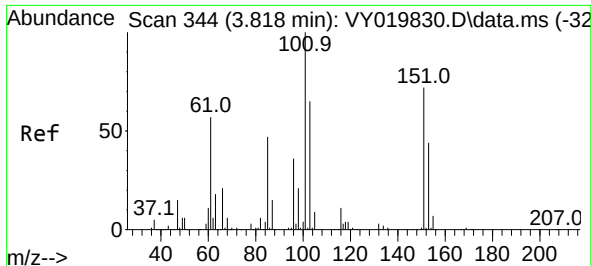
Tgt Ion:101 Resp: 224146
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 59.009 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020107.D
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Tgt Ion: 74 Resp: 74944
 Ion Ratio Lower Upper
 74 100
 45 107.2 41.3 124.1

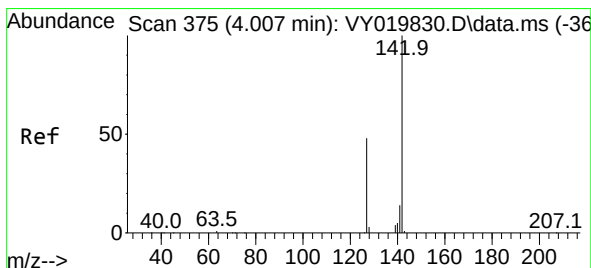
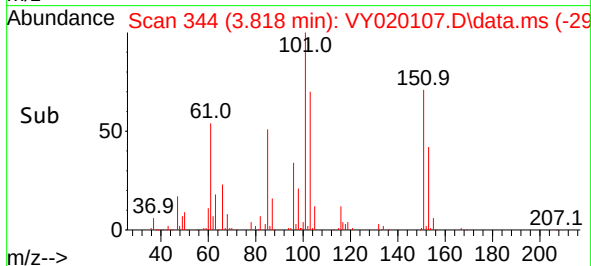
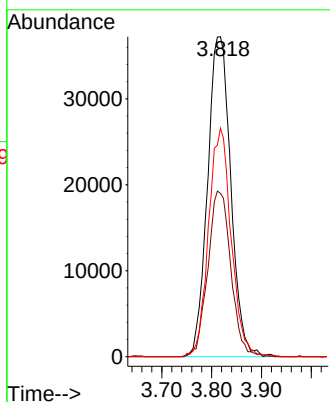
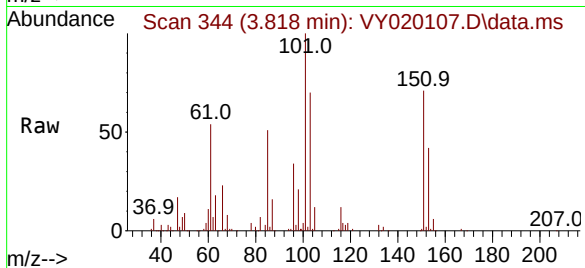




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.217 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

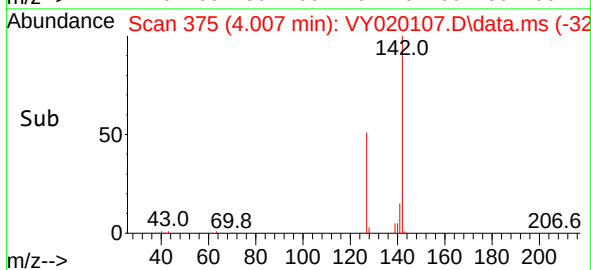
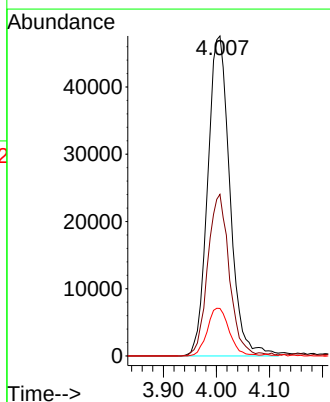
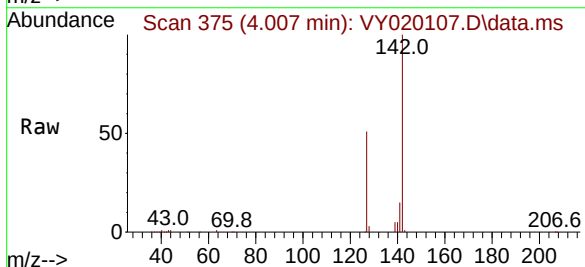
Instrument :
MSVOA_Y
ClientSampleId :

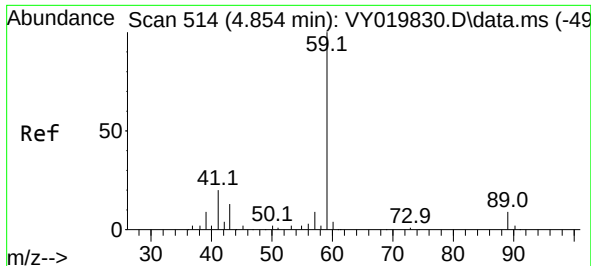
Tgt Ion:101 Resp: 120594
Ion Ratio Lower Upper
101 100
85 51.1 34.5 51.7
151 69.4 61.7 92.5



#10
Methyl Iodide
Concen: 56.136 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion:142 Resp: 138423
Ion Ratio Lower Upper
142 100
127 49.6 32.8 49.2#
141 14.7 11.4 17.2

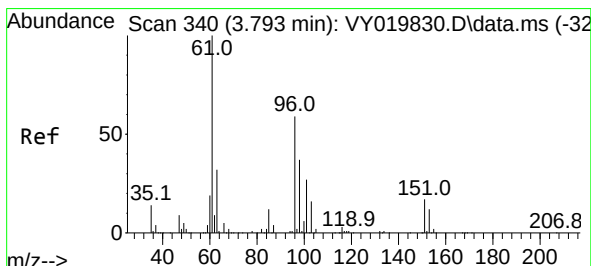
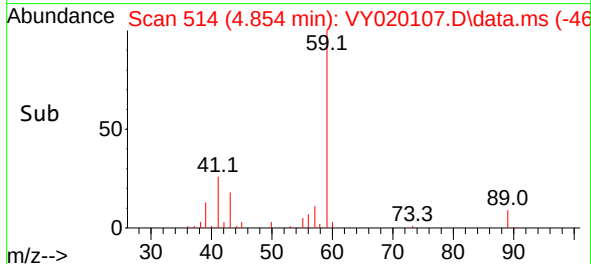
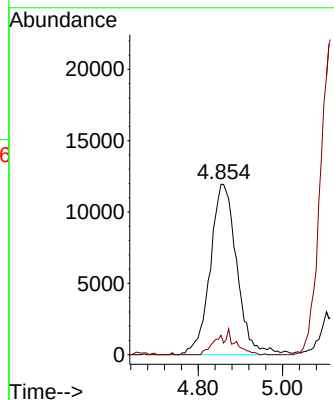
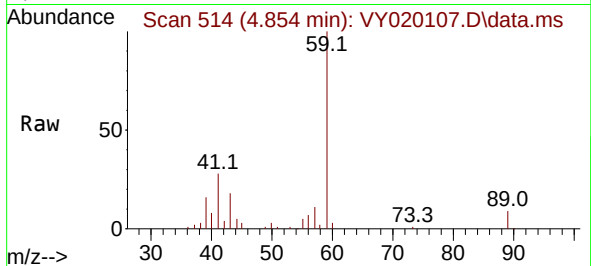




#11
Tert butyl alcohol
Concen: 256.275 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

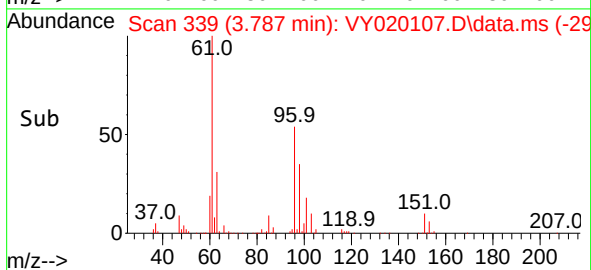
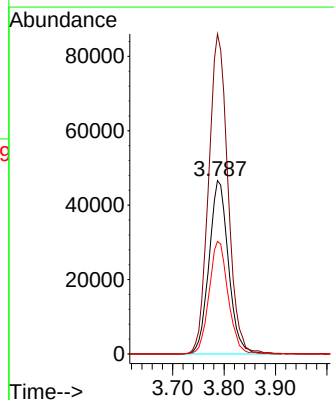
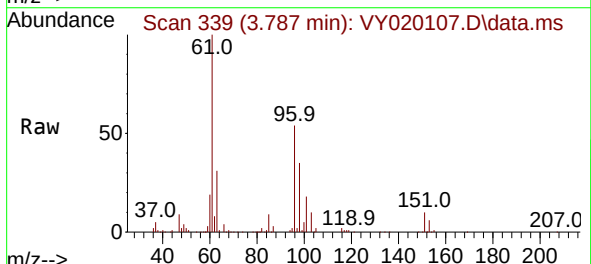
Instrument :
MSVOA_Y
ClientSampleId :

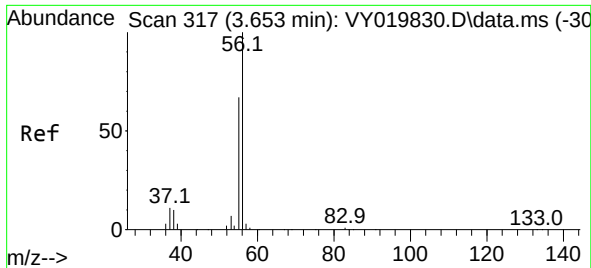
Tgt Ion: 59 Resp: 52099
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.988 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 96 Resp: 122155
Ion Ratio Lower Upper
96 100
61 184.5 114.6 171.8#
98 64.8 50.8 76.2

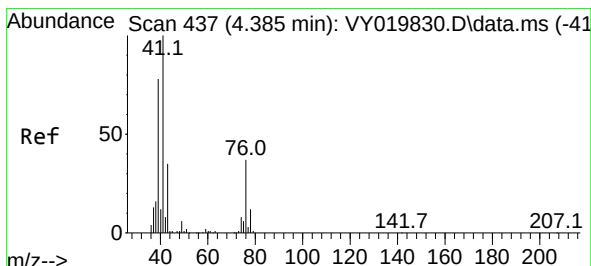
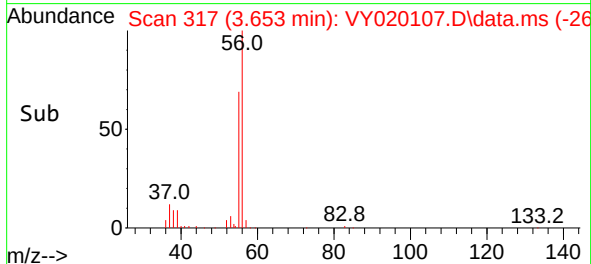
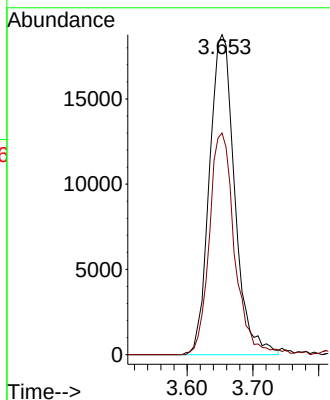
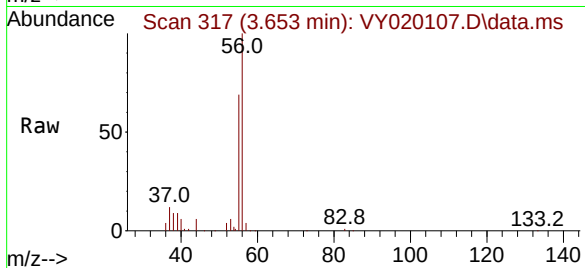




#13
Acrolein
Concen: 198.204 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

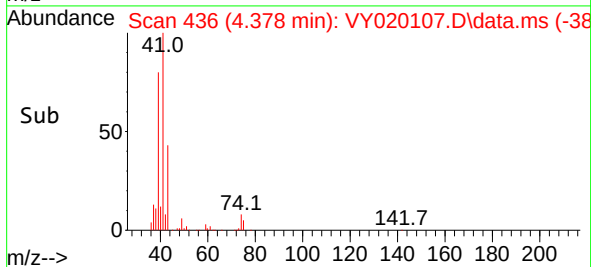
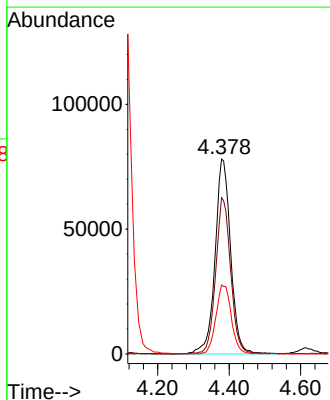
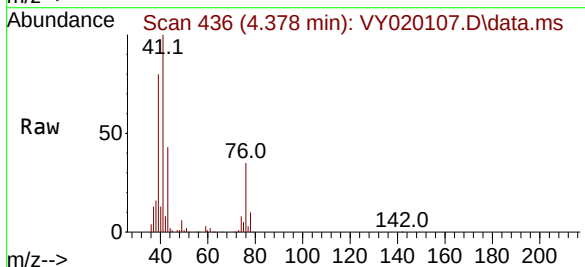
Instrument :
MSVOA_Y
ClientSampleId :

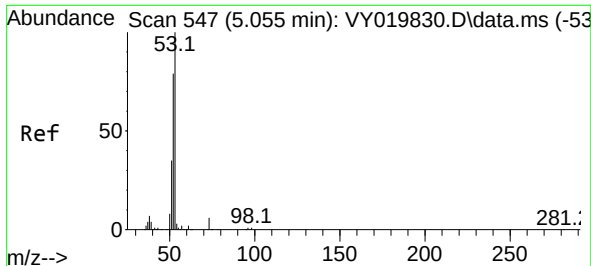
Tgt Ion: 56 Resp: 50159
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5



#14
Allyl chloride
Concen: 53.624 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

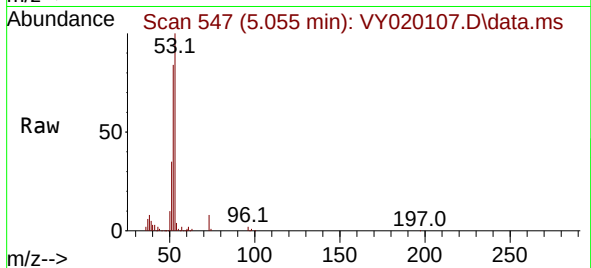
Tgt Ion: 41 Resp: 236420
Ion Ratio Lower Upper
41 100
39 76.4 58.3 87.5
76 34.9 39.0 58.6#



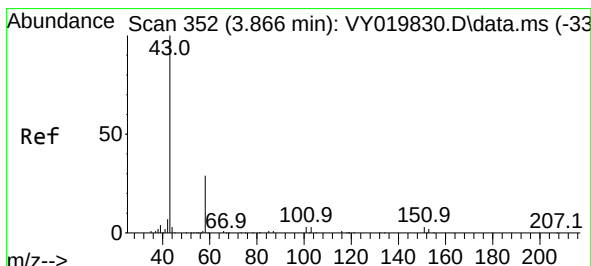
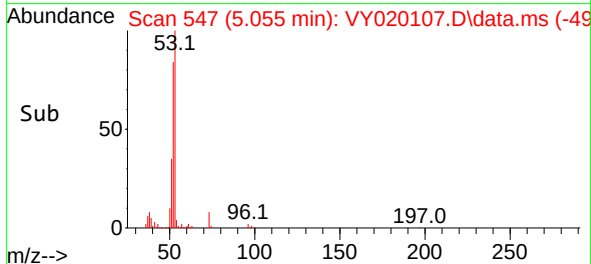
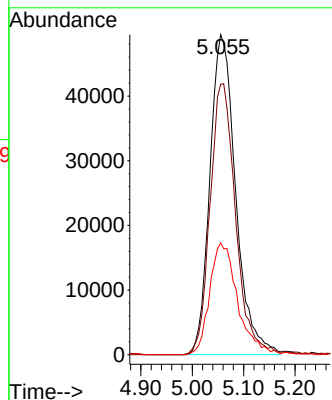


#15
Acrylonitrile
Concen: 298.186 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

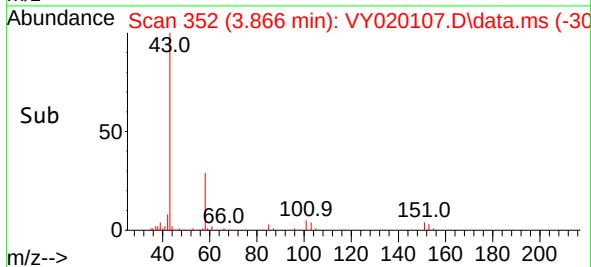
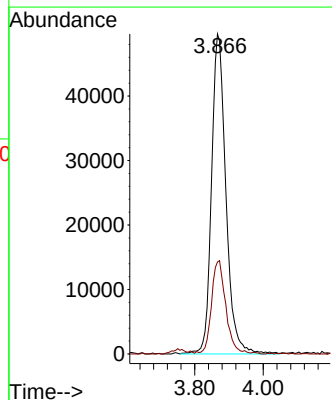
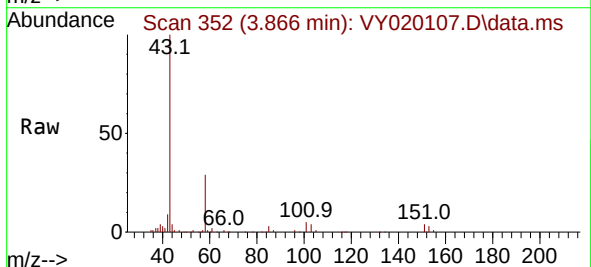


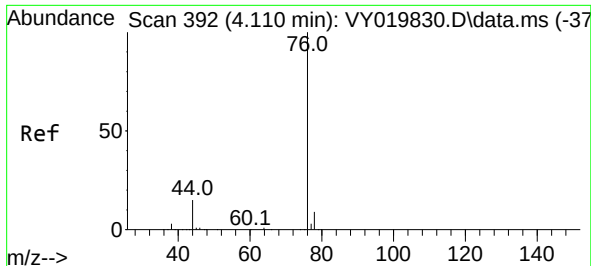
Tgt Ion: 53 Resp: 172387
Ion Ratio Lower Upper
53 100
52 83.8 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 220.369 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 43 Resp: 144839
Ion Ratio Lower Upper
43 100
58 28.6 31.7 47.5#





#17

Carbon Disulfide

Concen: 51.809 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

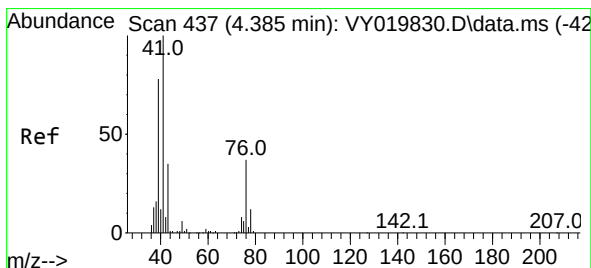
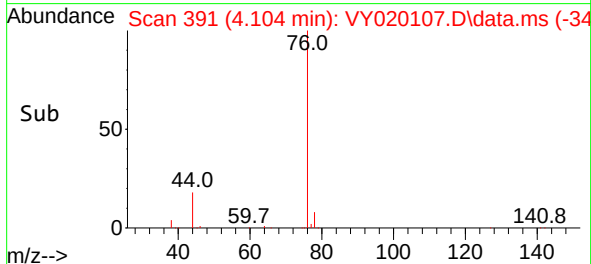
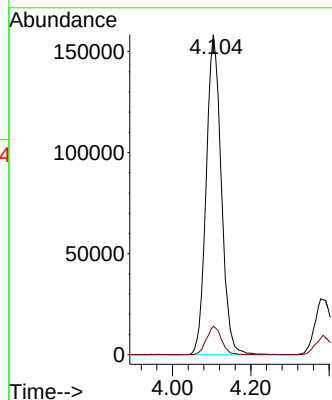
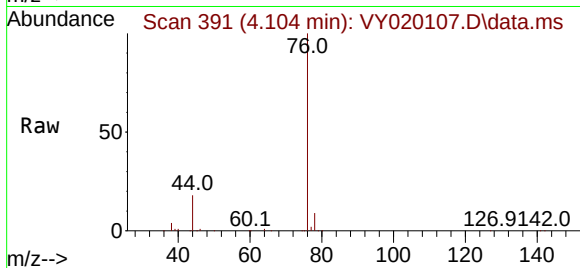
ClientSampleId :

Tgt Ion: 76 Resp: 421323

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 67.363 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020107.D

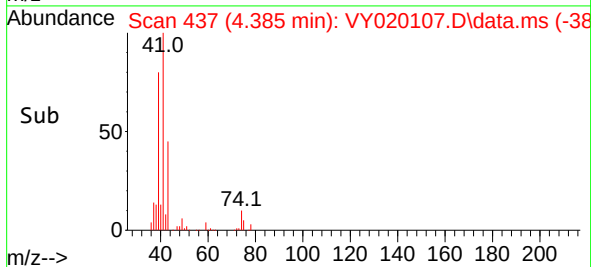
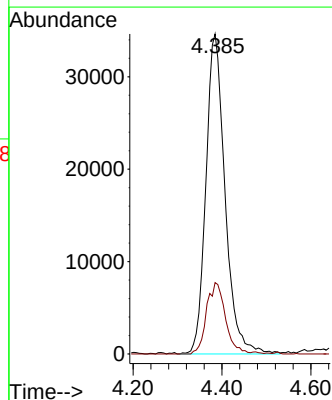
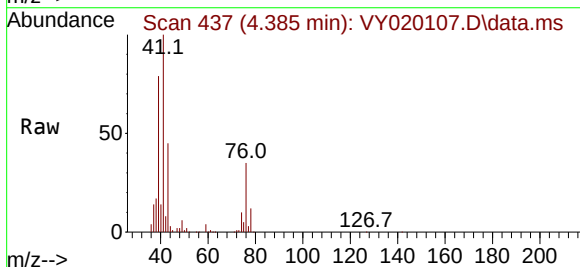
Acq: 31 Oct 2024 20:05

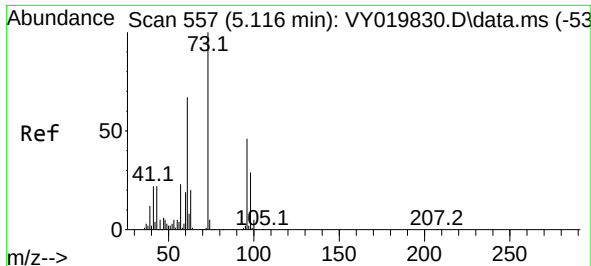
Tgt Ion: 43 Resp: 103881

Ion Ratio Lower Upper

43 100

74 22.0 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 60.284 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

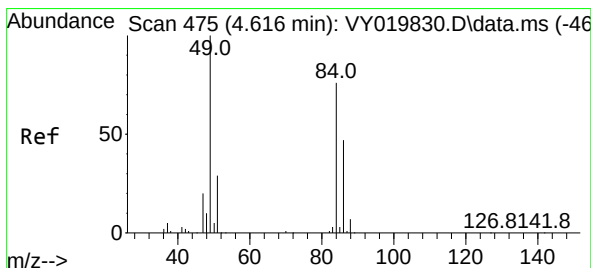
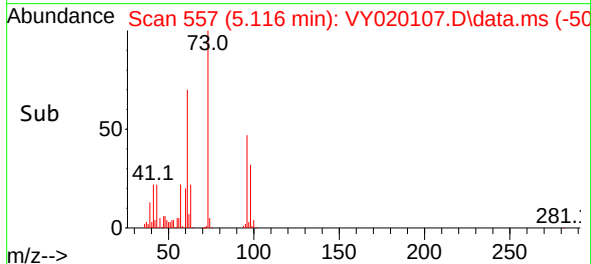
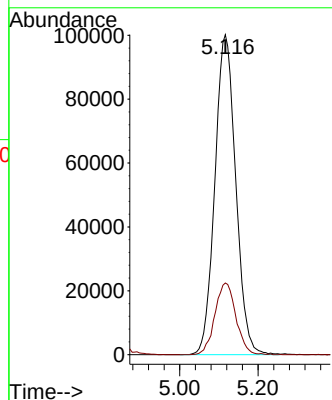
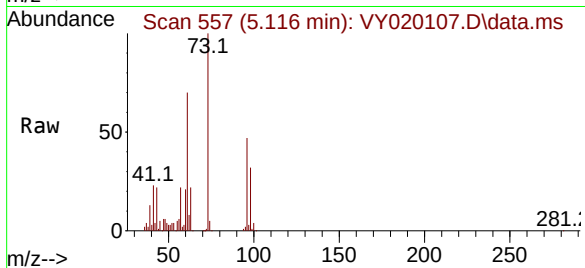
ClientSampleId :

Tgt Ion: 73 Resp: 370614

Ion Ratio Lower Upper

73 100

57 22.4 17.3 25.9



#20

Methylene Chloride

Concen: 52.095 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Tgt Ion: 84 Resp: 153812

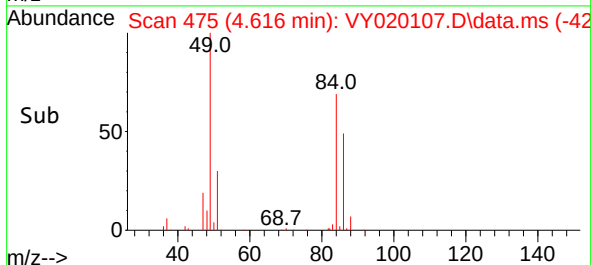
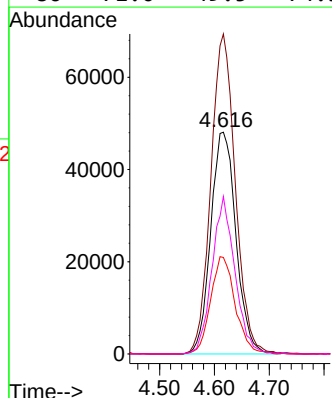
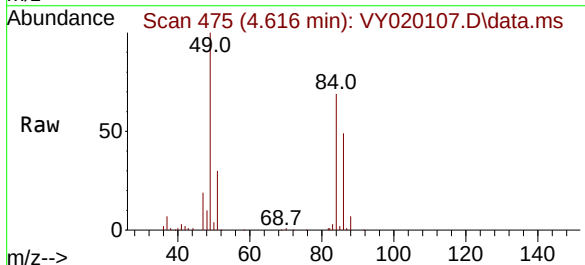
Ion Ratio Lower Upper

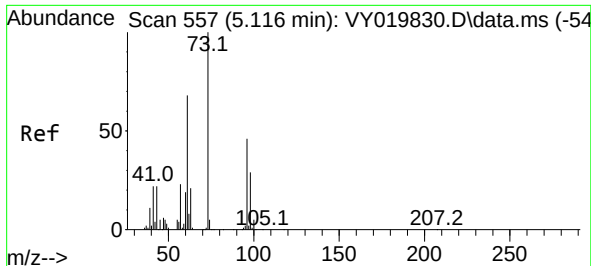
84 100

49 144.3 84.4 126.6#

51 43.5 26.0 39.0#

86 71.0 49.5 74.3

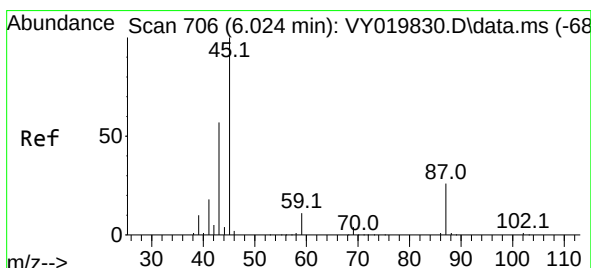
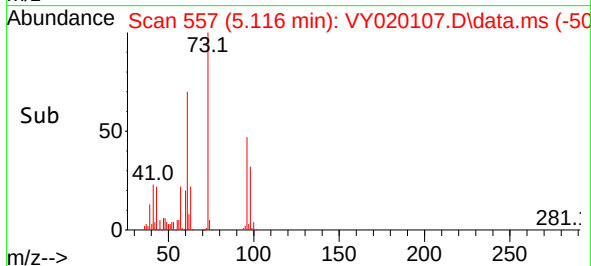
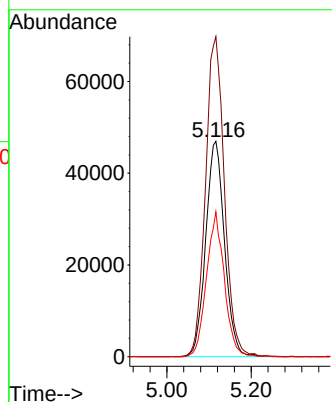
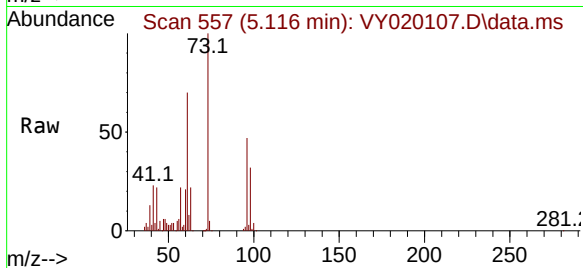




#21
trans-1,2-Dichloroethene
Concen: 52.972 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

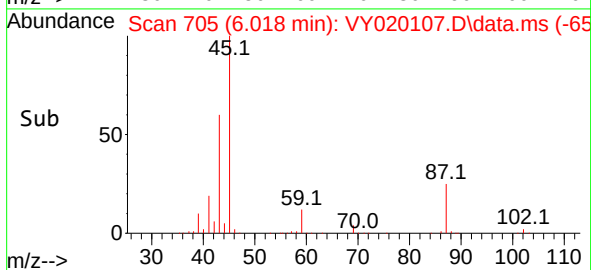
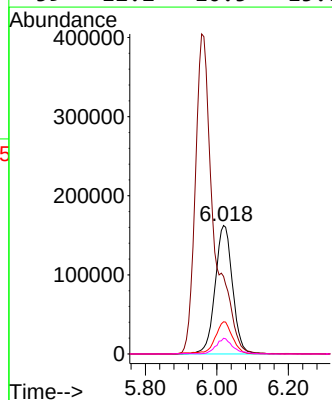
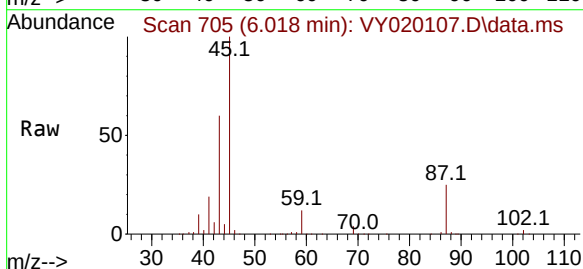
Instrument :
MSVOA_Y
ClientSampleId :

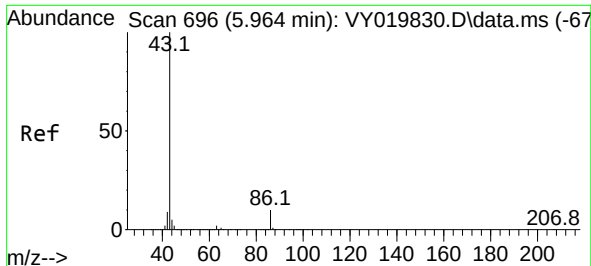
Tgt Ion: 96 Resp: 145989
Ion Ratio Lower Upper
96 100
61 148.6 97.5 146.3#
98 67.2 50.5 75.7



#22
Diisopropyl ether
Concen: 59.902 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 45 Resp: 548052
Ion Ratio Lower Upper
45 100
43 60.1 42.2 63.2
87 25.0 25.0 37.6#
59 12.2 10.5 15.7

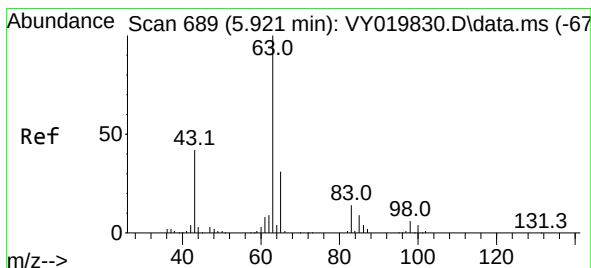
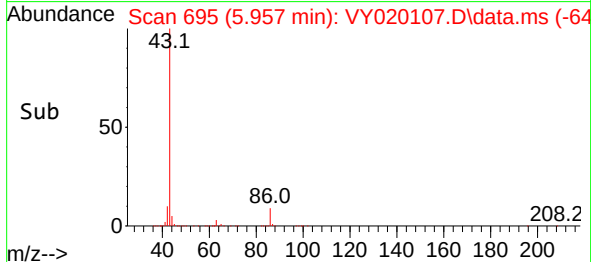
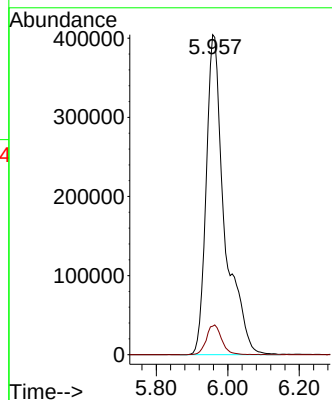
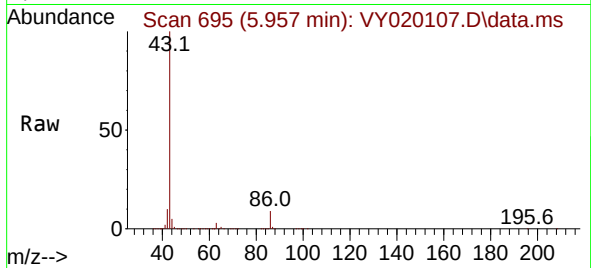




#23
 Vinyl Acetate
 Concen: 281.320 ug/l
 RT: 5.957 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

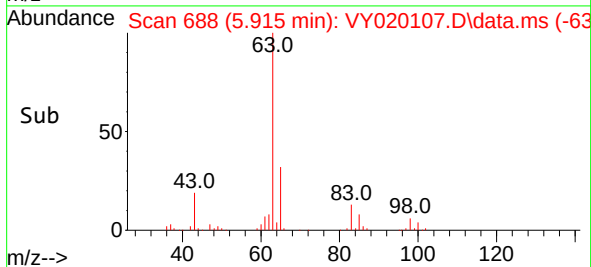
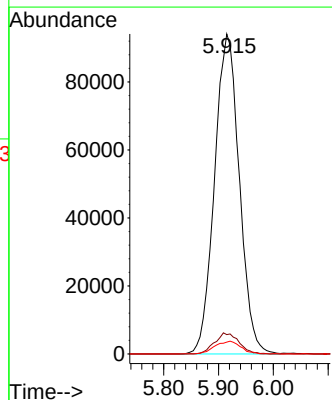
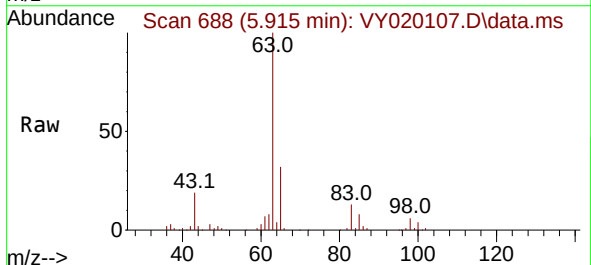
Instrument :
 MSVOA_Y
 ClientSampleId :

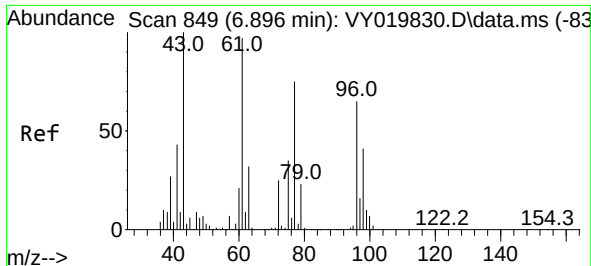
Tgt Ion: 43 Resp: 1448489
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 55.794 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

Tgt Ion: 63 Resp: 295581
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.0 12.2
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 268.550 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

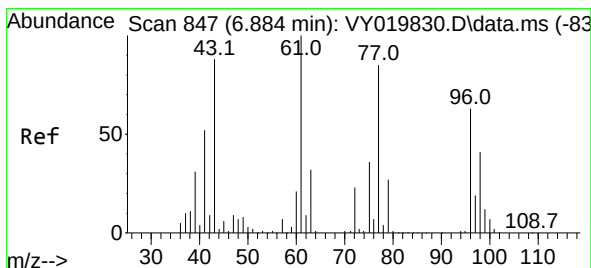
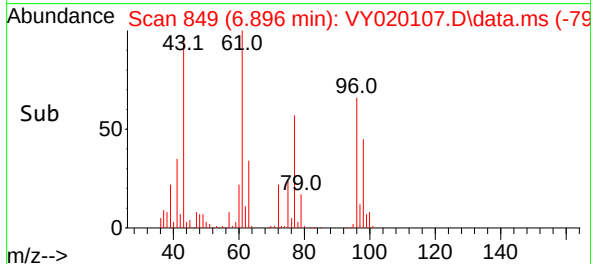
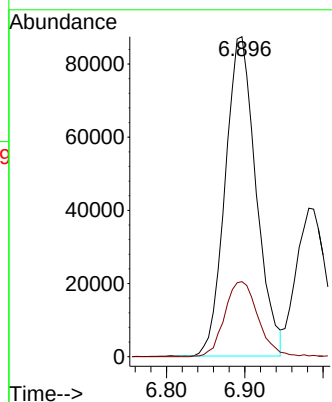
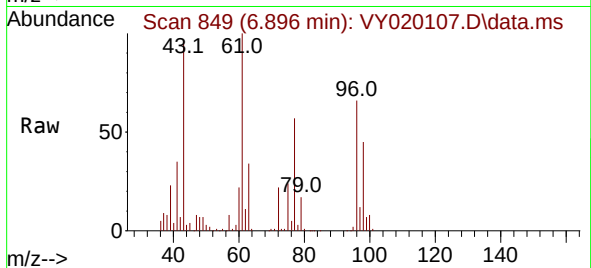
ClientSampleId :

Tgt Ion: 43 Resp: 239262

Ion Ratio Lower Upper

43 100

72 23.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 40.354 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020107.D

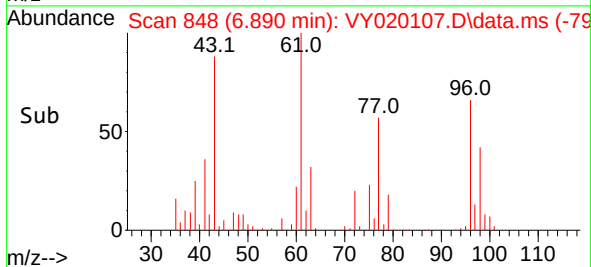
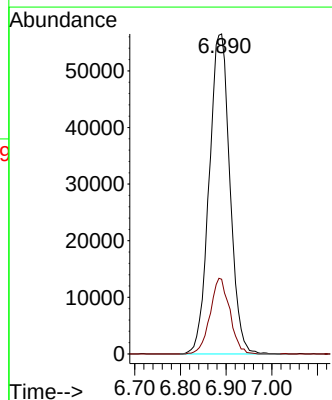
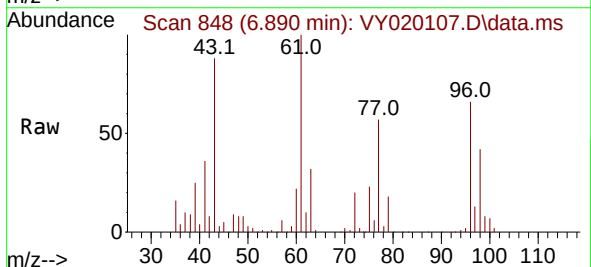
Acq: 31 Oct 2024 20:05

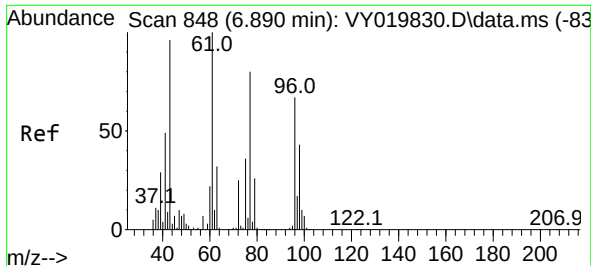
Tgt Ion: 77 Resp: 177875

Ion Ratio Lower Upper

77 100

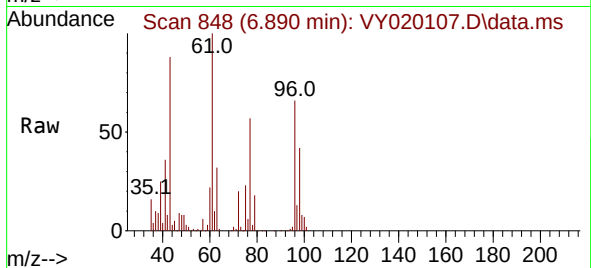
97 22.5 12.0 36.1



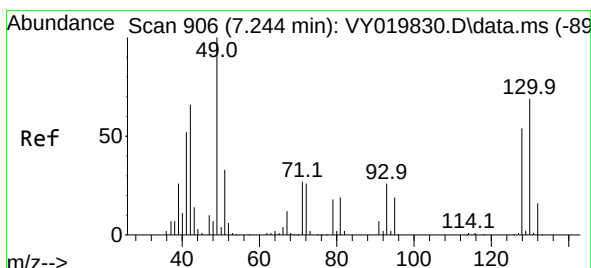
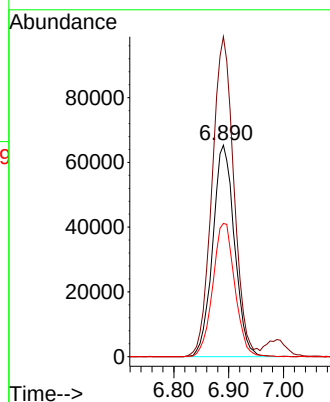
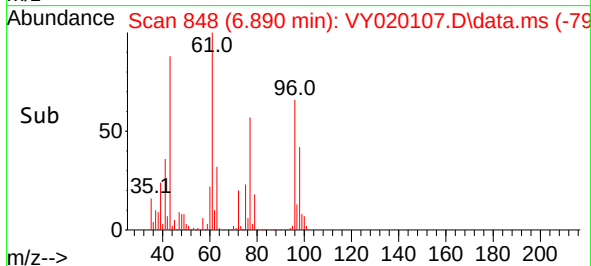


#27
cis-1,2-Dichloroethene
Concen: 56.828 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Instrument :
MSVOA_Y
ClientSampleId :

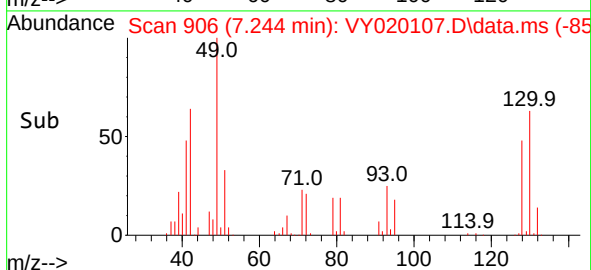
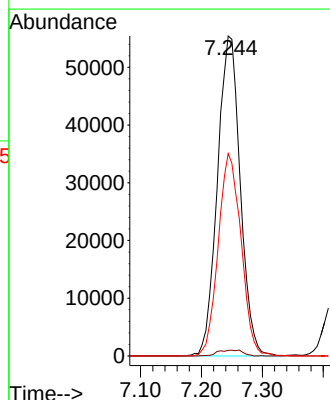
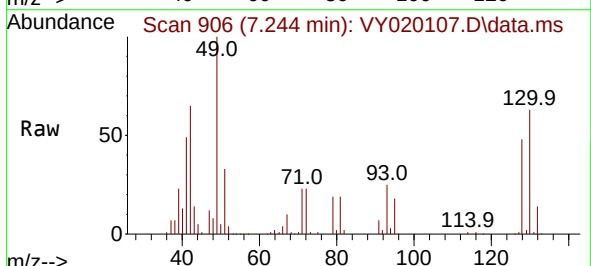


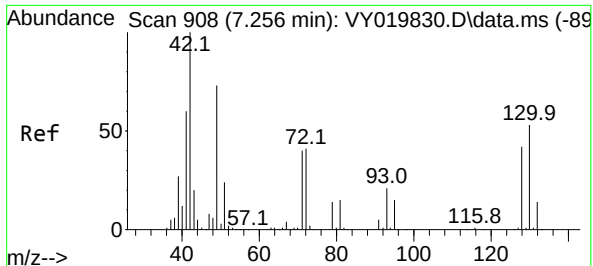
Tgt Ion: 96 Resp: 180033
Ion Ratio Lower Upper
96 100
61 151.7 0.0 256.2
98 63.7 0.0 130.0



#28
Bromochloromethane
Concen: 58.055 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 49 Resp: 144014
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 63.2 72.7 109.1#





#29

Tetrahydrofuran

Concen: 311.687 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

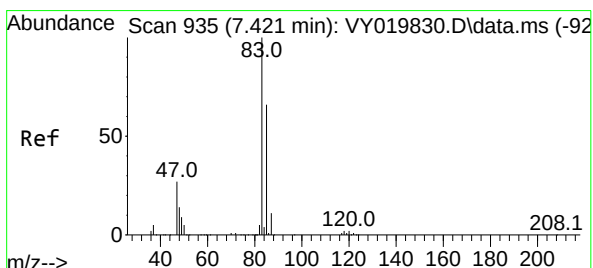
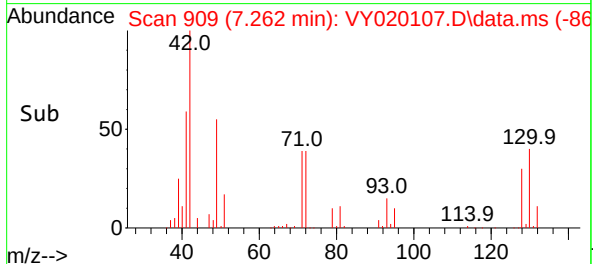
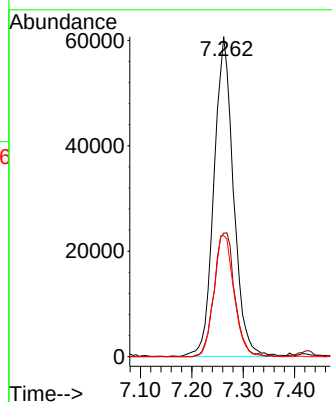
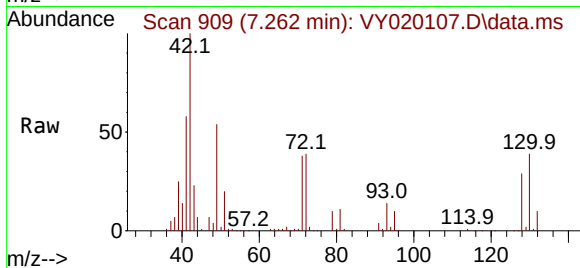
Tgt Ion: 42 Resp: 160258

Ion Ratio Lower Upper

42 100

72 41.0 43.0 64.4#

71 39.0 40.8 61.2#



#30

Chloroform

Concen: 56.770 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020107.D

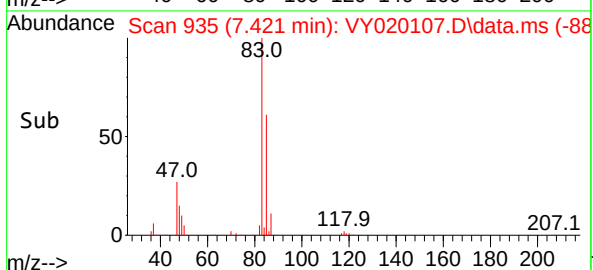
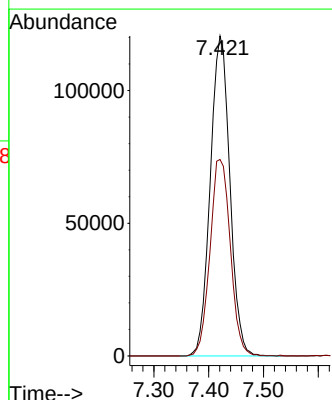
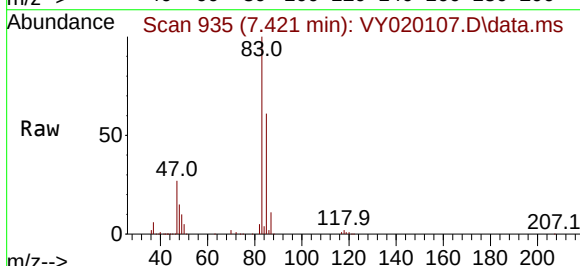
Acq: 31 Oct 2024 20:05

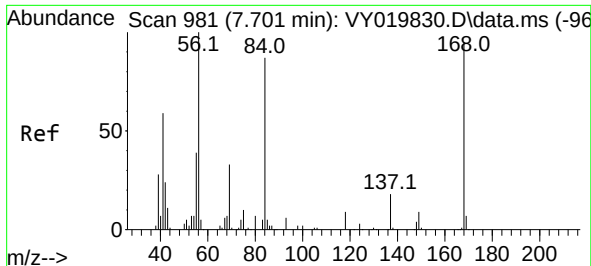
Tgt Ion: 83 Resp: 298444

Ion Ratio Lower Upper

83 100

85 61.4 52.2 78.4

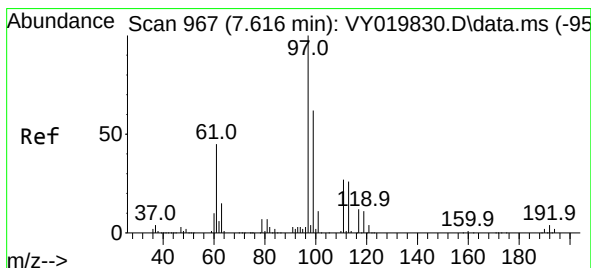
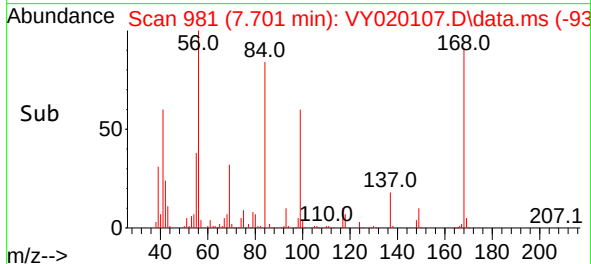
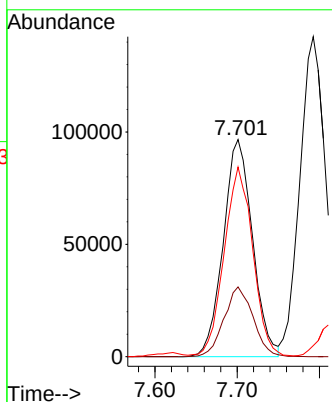
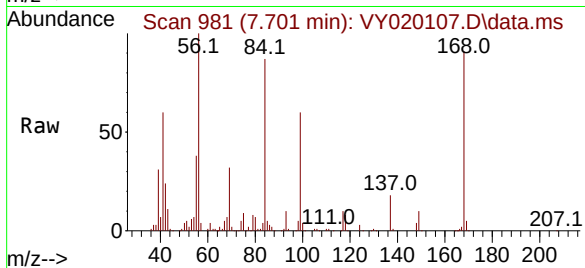




#31
Cyclohexane
Concen: 46.595 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

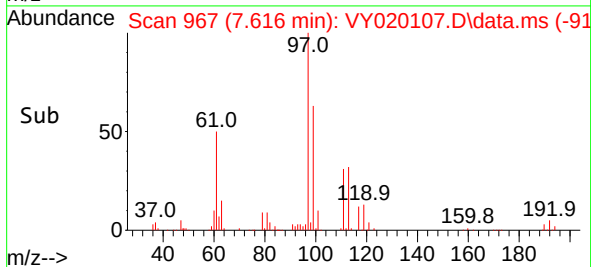
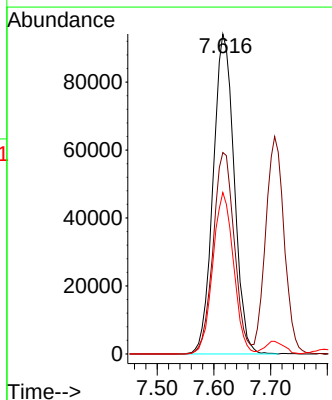
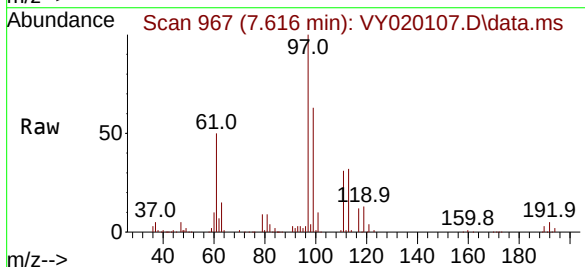
Instrument :
MSVOA_Y
ClientSampleId :

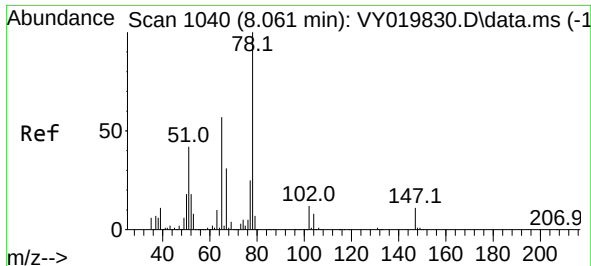
Tgt Ion: 56 Resp: 238980
Ion Ratio Lower Upper
56 100
69 31.8 28.7 43.1
84 86.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.708 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 97 Resp: 241921
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 49.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.644 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

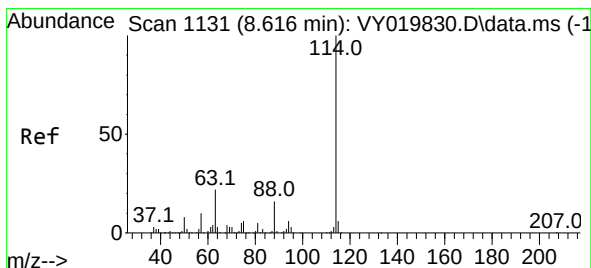
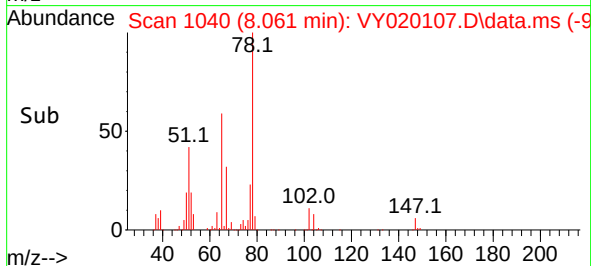
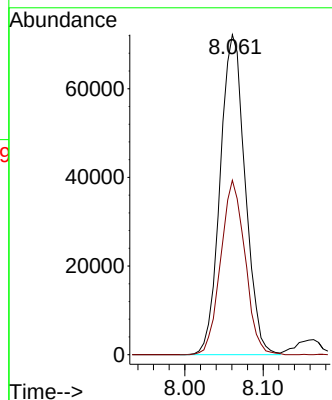
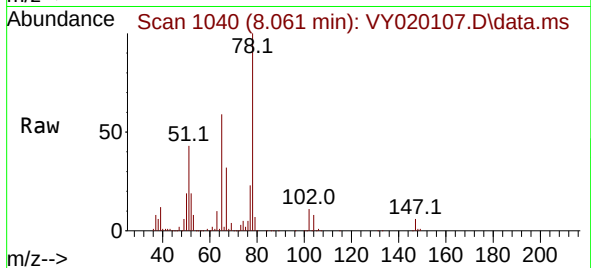
ClientSampleId :

Tgt Ion: 65 Resp: 160090

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: VY020107.D

Acq: 31 Oct 2024 20:05

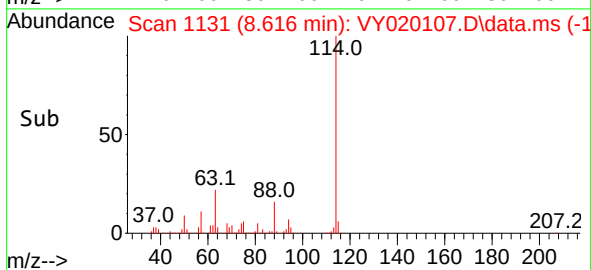
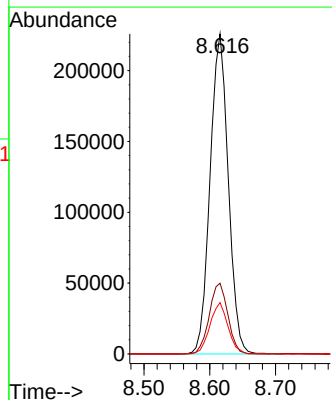
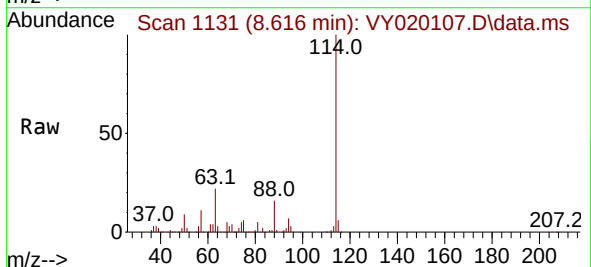
Tgt Ion: 114 Resp: 435047

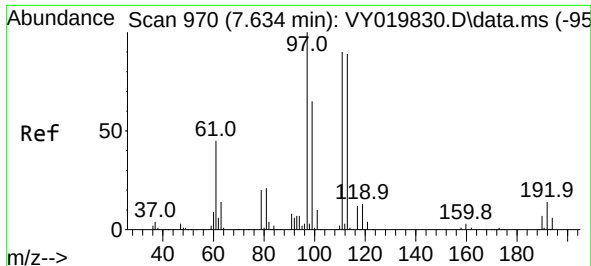
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

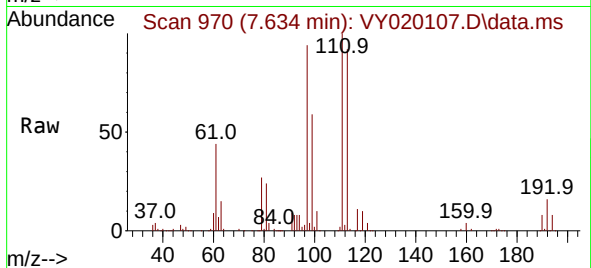
88 16.0 0.0 27.2



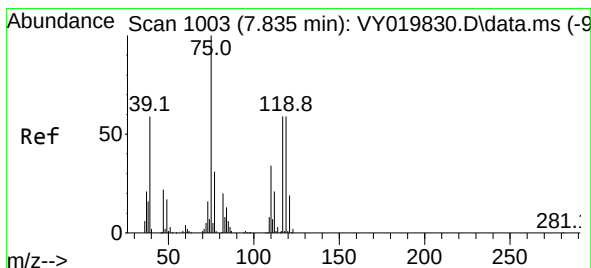
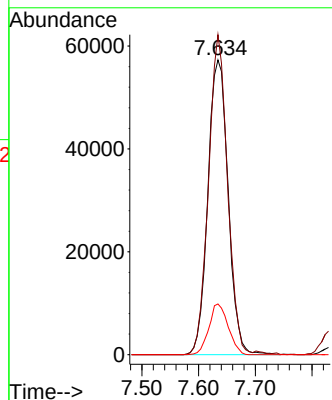
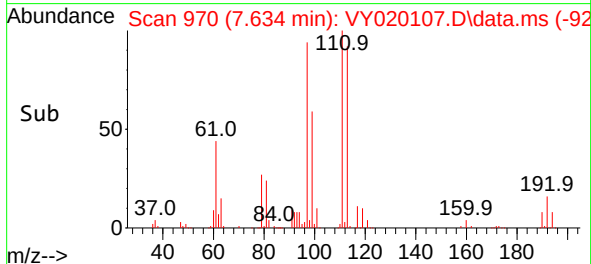


#35
Dibromofluoromethane
Concen: 51.421 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

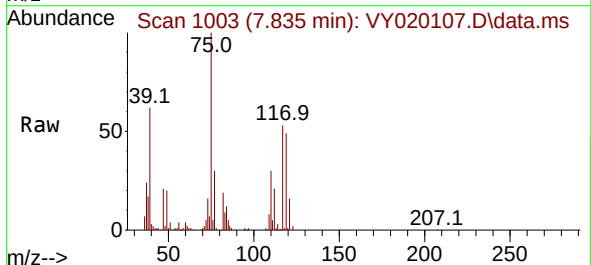
Instrument :
MSVOA_Y
ClientSampleId :



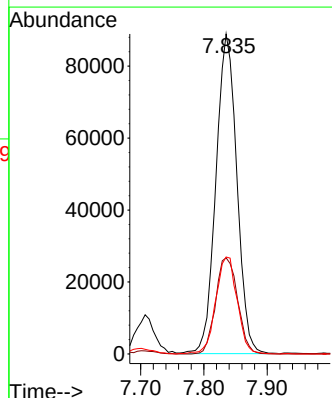
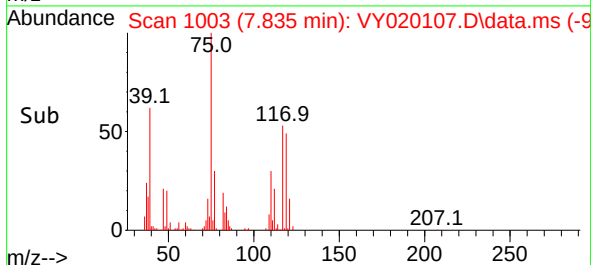
Tgt Ion:113 Resp: 142231
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 16.4 15.9 23.9

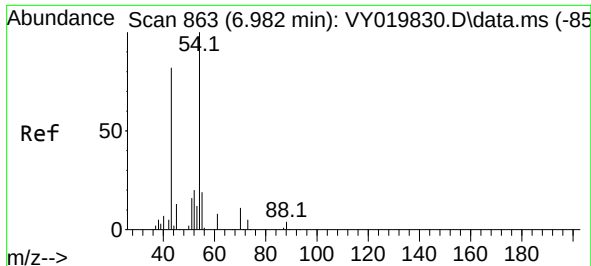


#36
1,1-Dichloropropene
Concen: 47.737 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05



Tgt Ion: 75 Resp: 203971
Ion Ratio Lower Upper
75 100
110 31.6 19.0 57.0
77 31.0 25.3 37.9

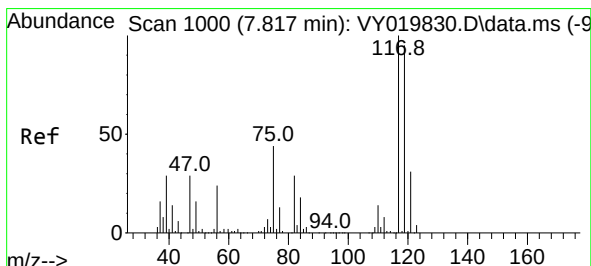
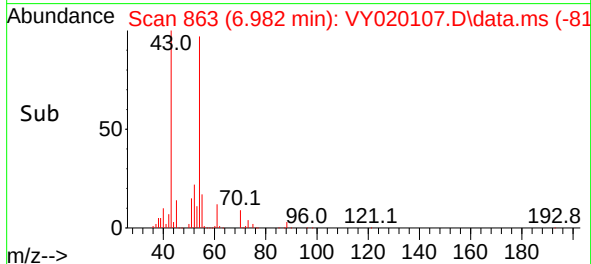
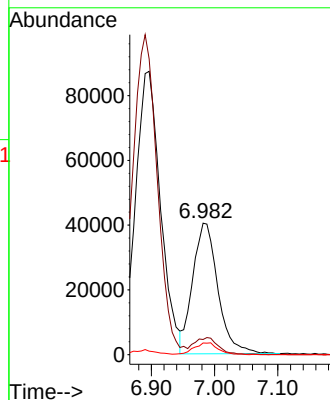
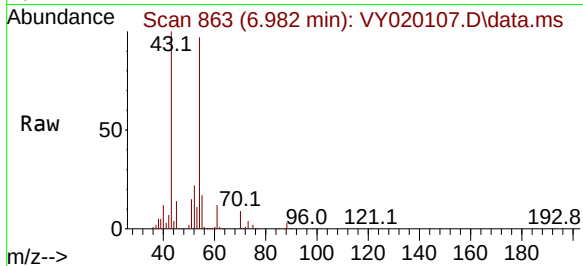




#37
Ethyl Acetate
Concen: 54.897 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

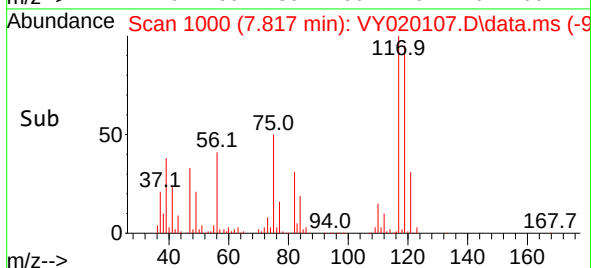
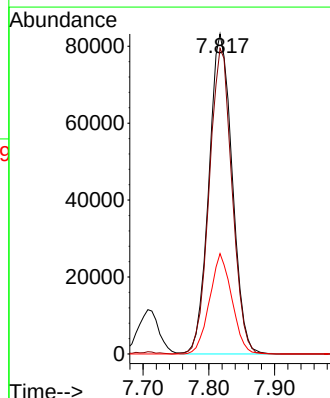
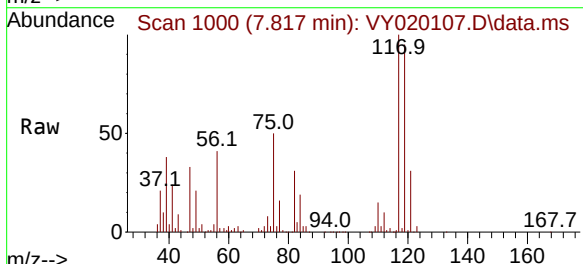
Instrument :
MSVOA_Y
ClientSampleId :

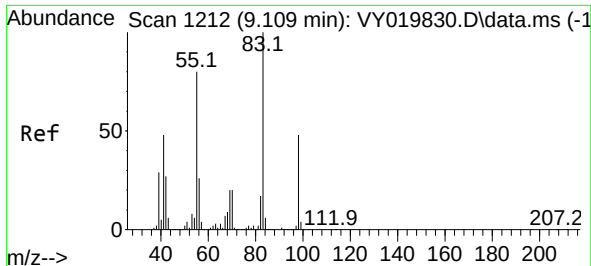
Tgt Ion: 43 Resp: 111833
Ion Ratio Lower Upper
43 100
61 11.8 12.6 19.0#
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.690 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 117 Resp: 204909
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6
121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 45.491 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

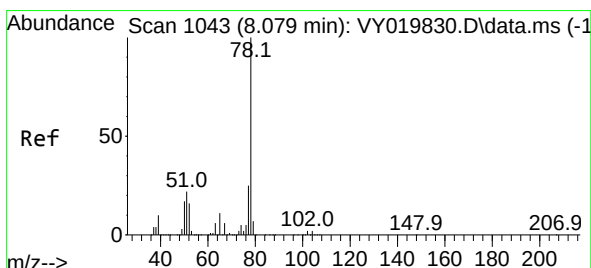
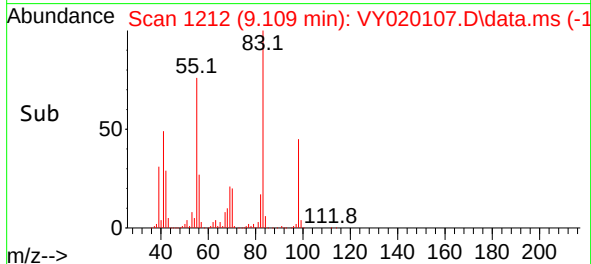
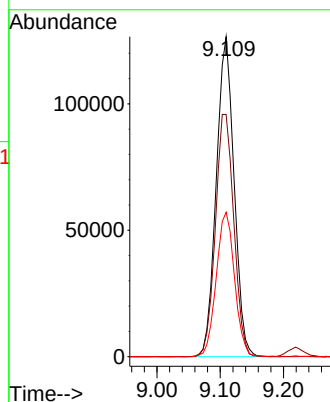
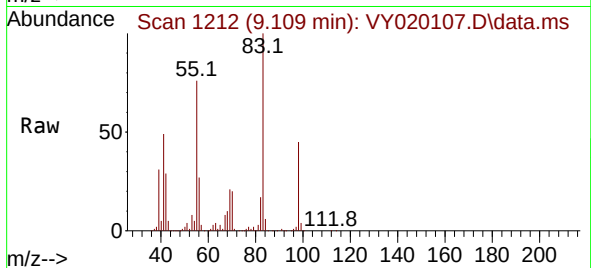
Tgt Ion: 83 Resp: 246698

Ion Ratio Lower Upper

83 100

55 75.6 51.5 77.3

98 45.2 40.5 60.7



#40

Benzene

Concen: 52.108 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020107.D

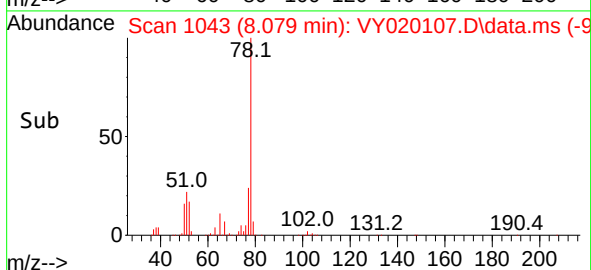
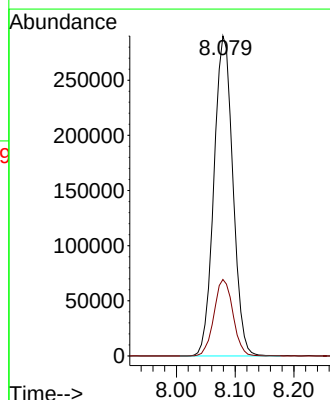
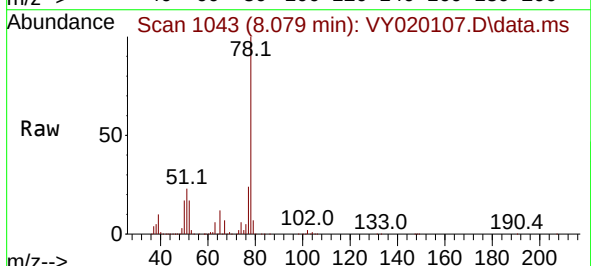
Acq: 31 Oct 2024 20:05

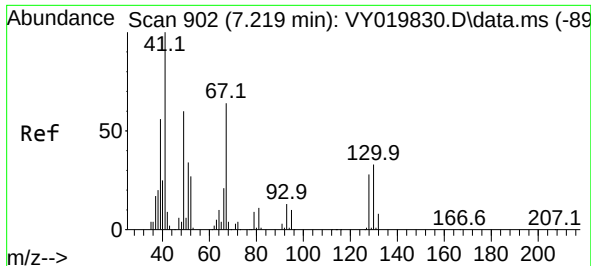
Tgt Ion: 78 Resp: 649878

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

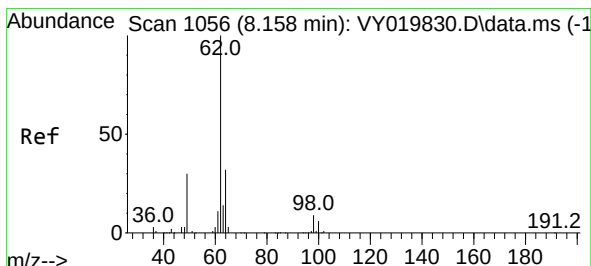
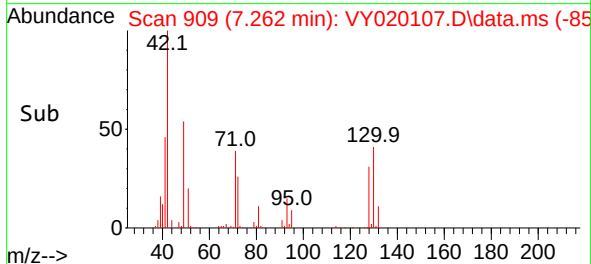
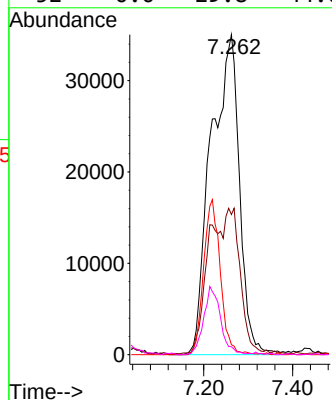
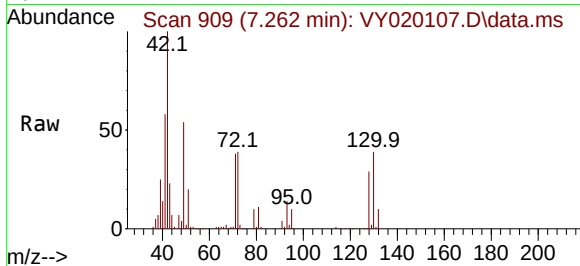




#41
Methacrylonitrile
Concen: 151.790 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

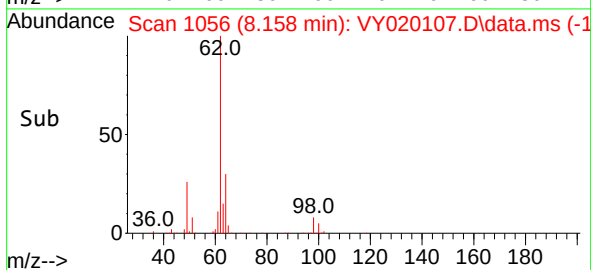
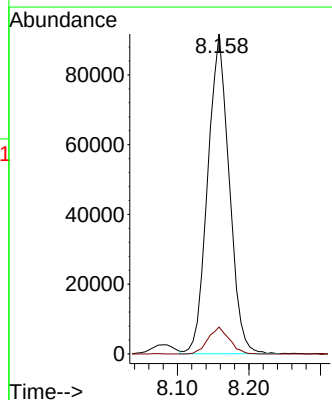
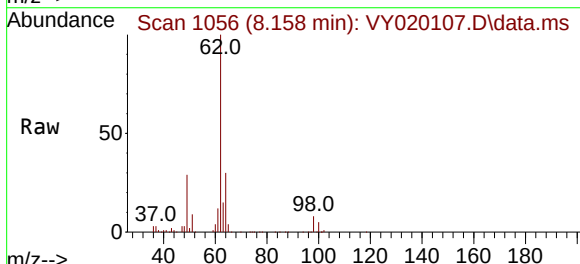
Instrument :
MSVOA_Y
ClientSampleId :

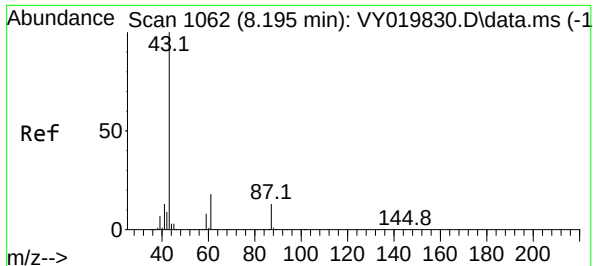
Tgt Ion: 41 Resp: 154899
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 55.319 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 62 Resp: 190971
Ion Ratio Lower Upper
62 100
98 8.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 56.298 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

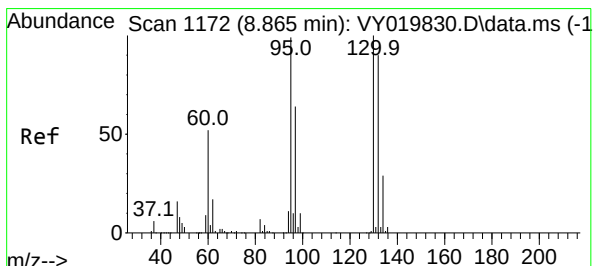
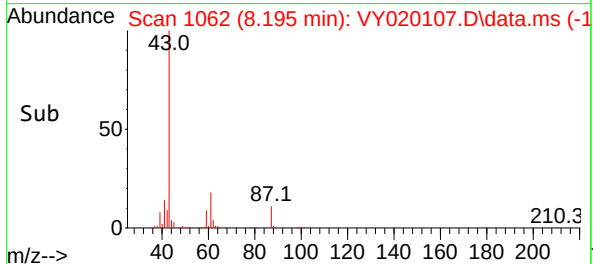
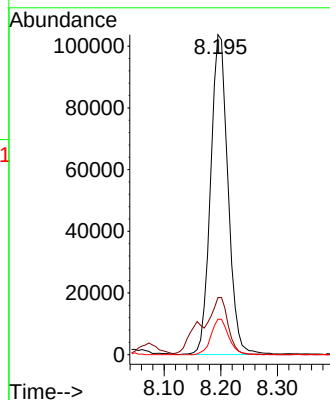
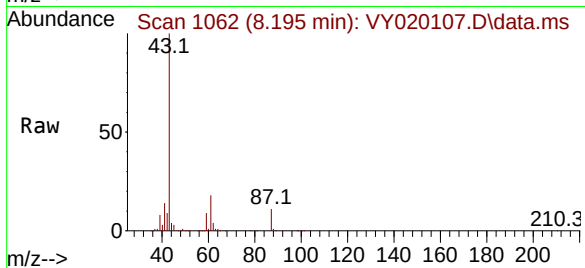
Tgt Ion: 43 Resp: 220543

Ion Ratio Lower Upper

43 100

61 18.3 27.9 41.9#

87 11.2 13.1 19.7#



#44

Trichloroethene

Concen: 50.851 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020107.D

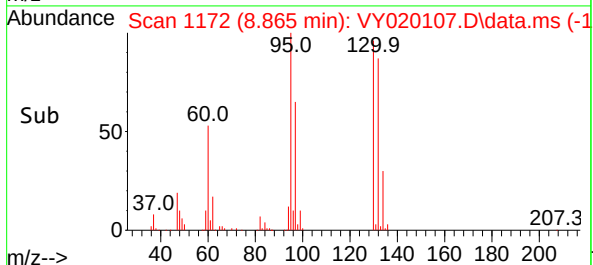
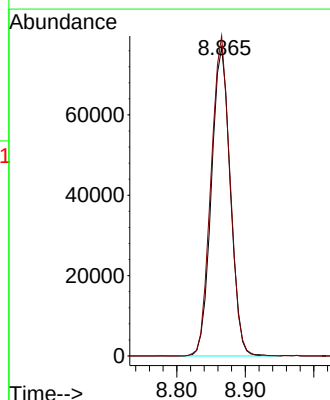
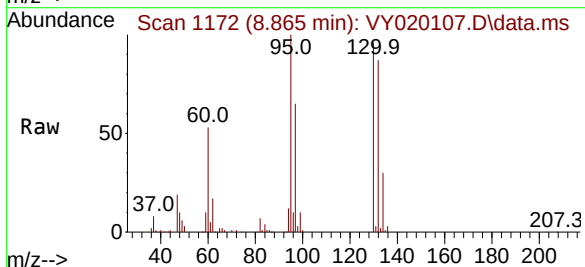
Acq: 31 Oct 2024 20:05

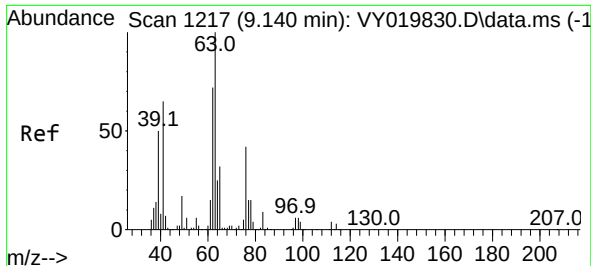
Tgt Ion:130 Resp: 146987

Ion Ratio Lower Upper

130 100

95 103.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.730 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

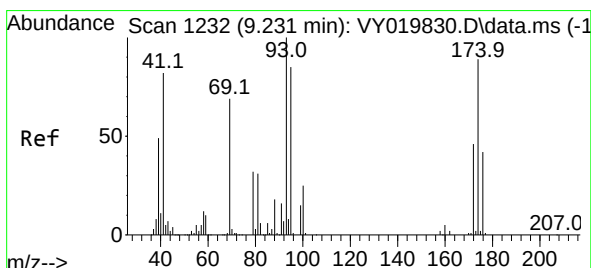
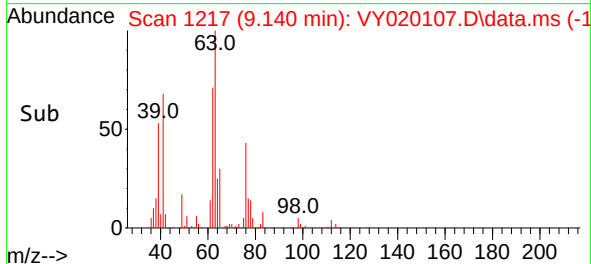
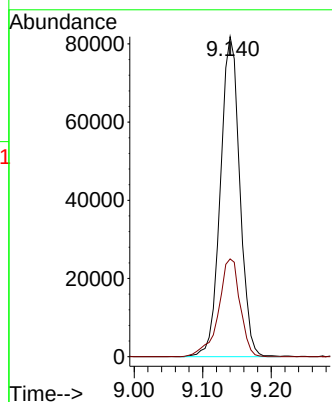
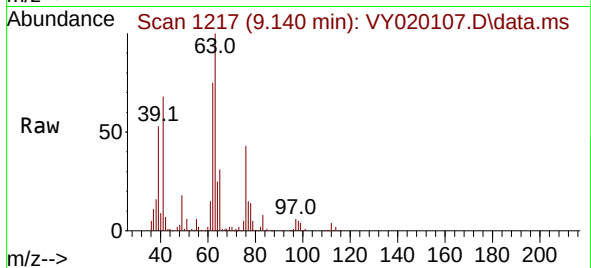
ClientSampleId :

Tgt Ion: 63 Resp: 160324

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 54.654 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

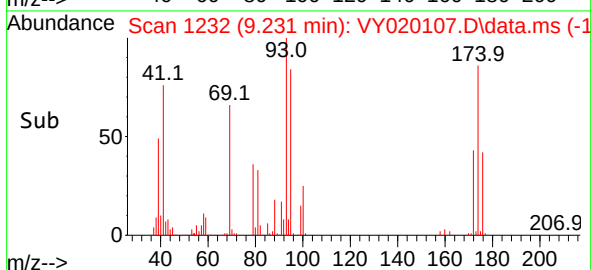
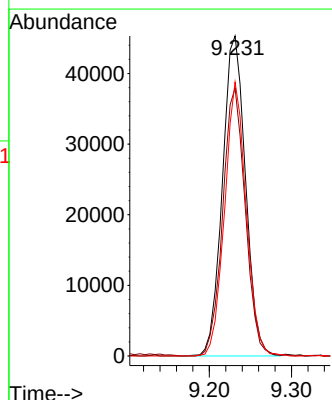
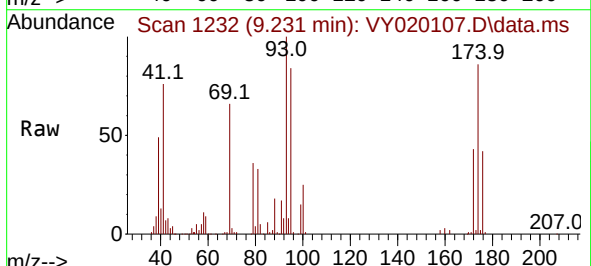
Tgt Ion: 93 Resp: 88365

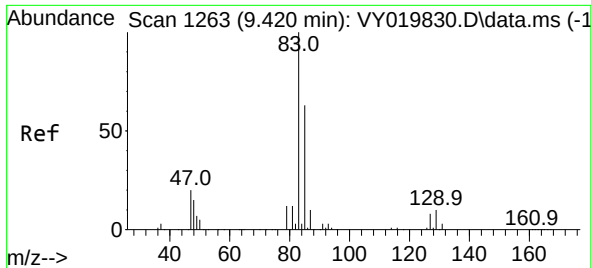
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 80.1 80.9 121.3#

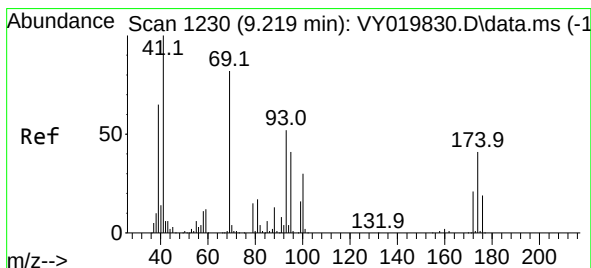
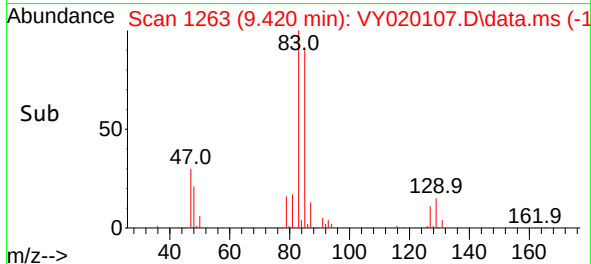
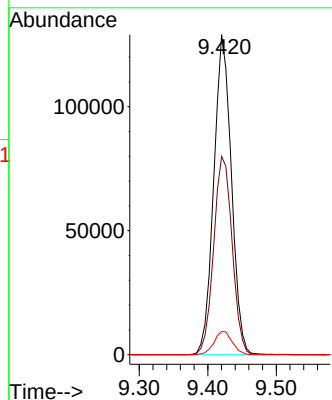
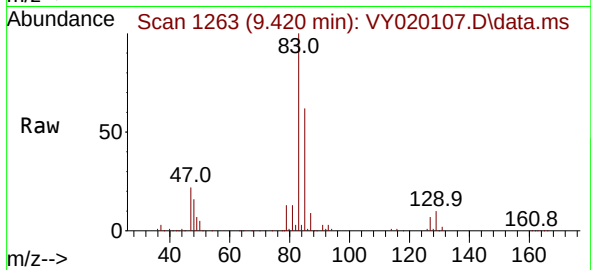




#47
Bromodichloromethane
Concen: 54.341 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

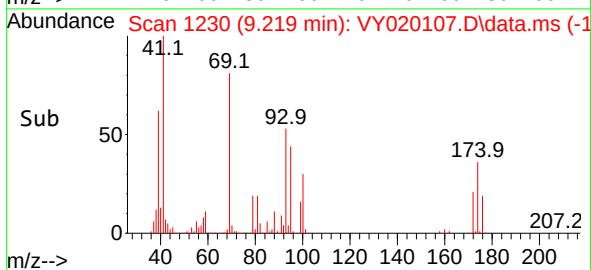
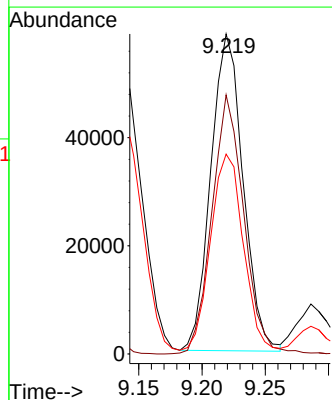
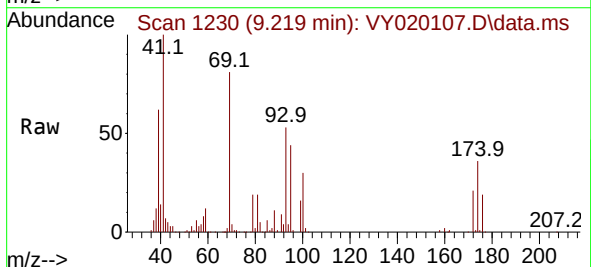
Instrument :
MSVOA_Y
ClientSampleId :

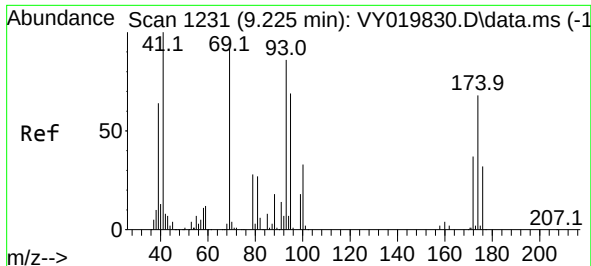
Tgt Ion: 83 Resp: 230165
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 7.2 7.4 11.0#



#48
Methyl methacrylate
Concen: 57.236 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 41 Resp: 103856
Ion Ratio Lower Upper
41 100
69 81.0 84.1 126.1#
39 63.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1110.729 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

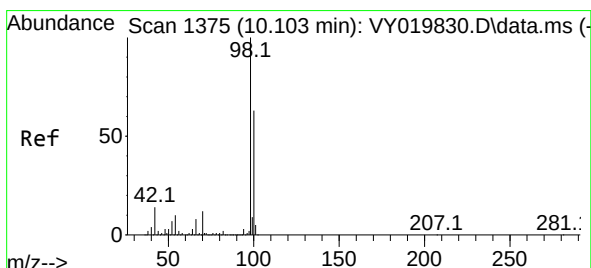
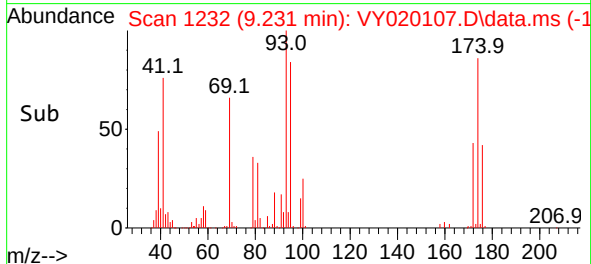
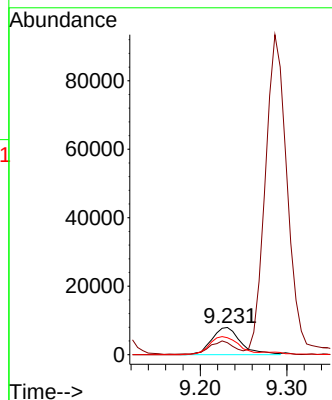
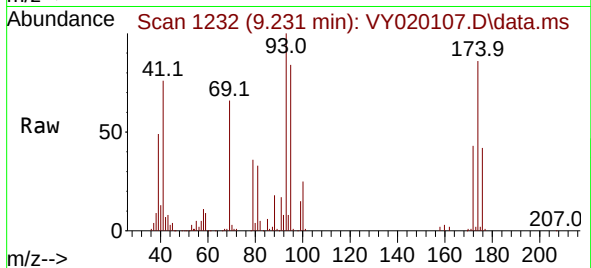
Tgt Ion: 88 Resp: 18489

Ion Ratio Lower Upper

88 100

43 40.0 0.0 0.0#

58 67.3 49.3 73.9



#50

Toluene-d8

Concen: 50.835 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020107.D

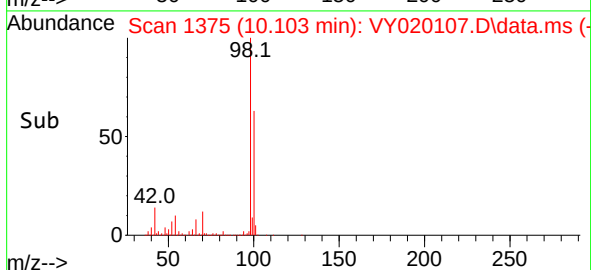
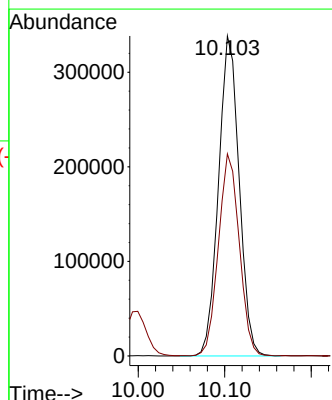
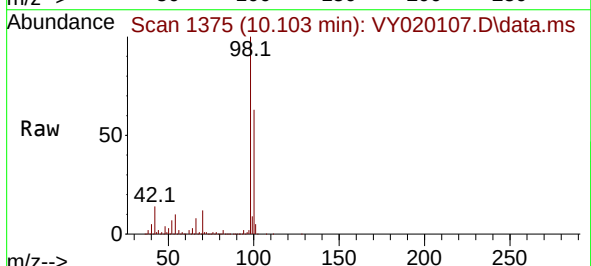
Acq: 31 Oct 2024 20:05

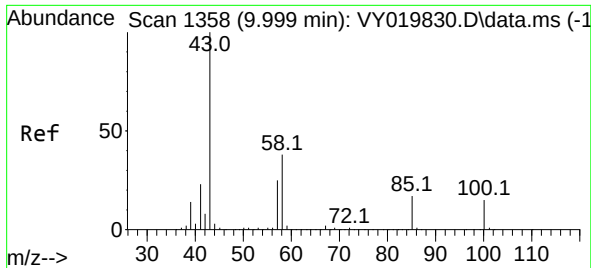
Tgt Ion: 98 Resp: 559701

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 292.673 ug/l

RT: 9.993 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

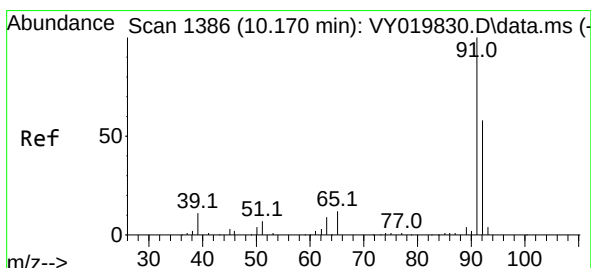
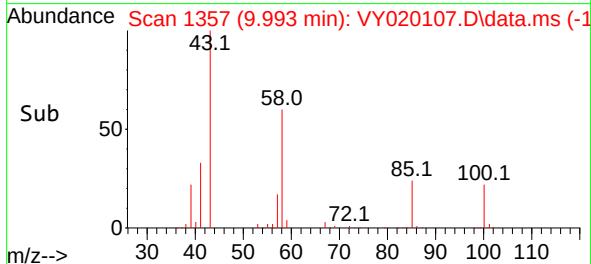
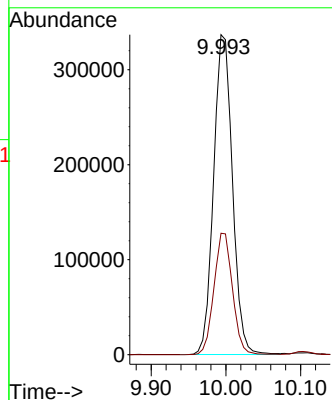
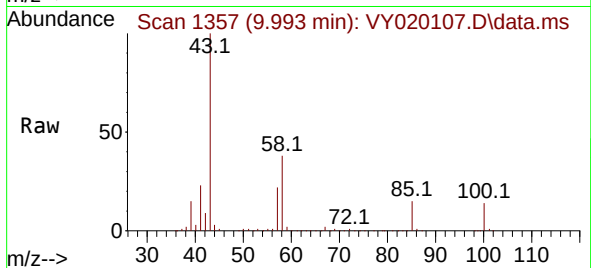
ClientSampleId :

Tgt Ion: 43 Resp: 590762

Ion Ratio Lower Upper

43 100

58 37.4 35.7 53.5



#52

Toluene

Concen: 52.897 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020107.D

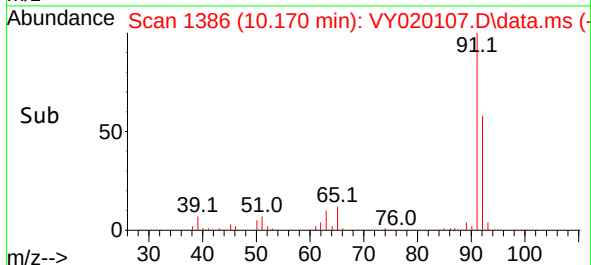
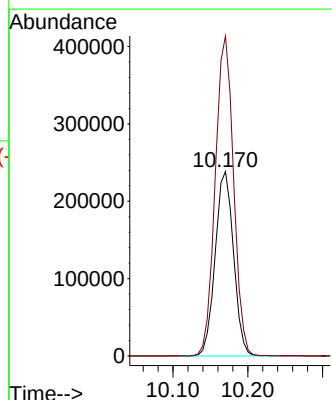
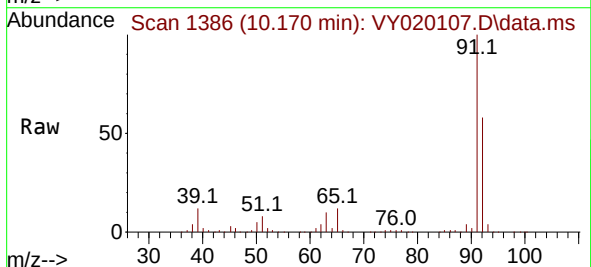
Acq: 31 Oct 2024 20:05

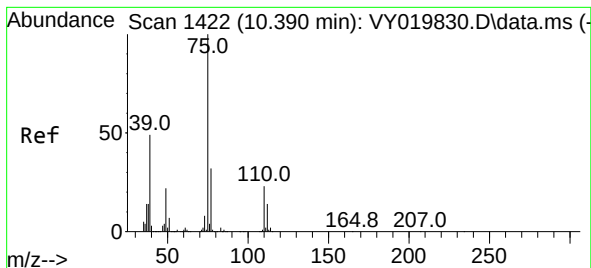
Tgt Ion: 92 Resp: 406664

Ion Ratio Lower Upper

92 100

91 173.4 139.0 208.6

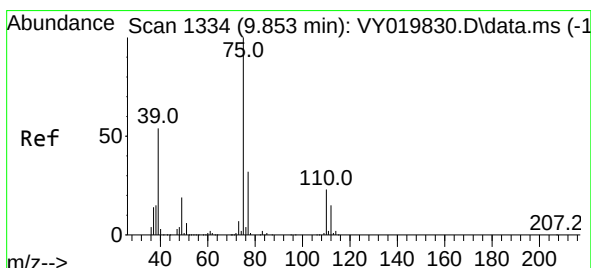
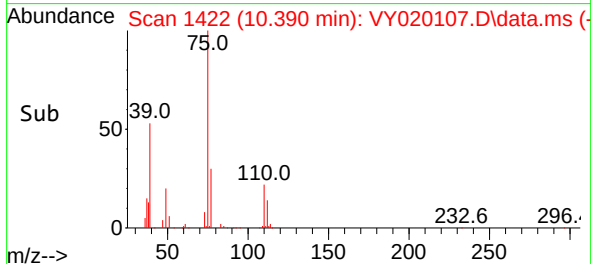
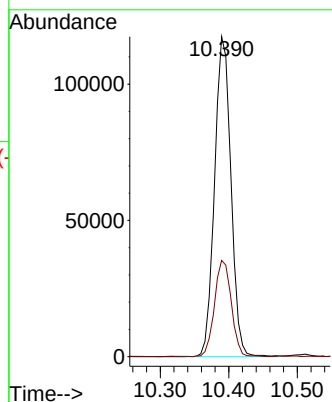
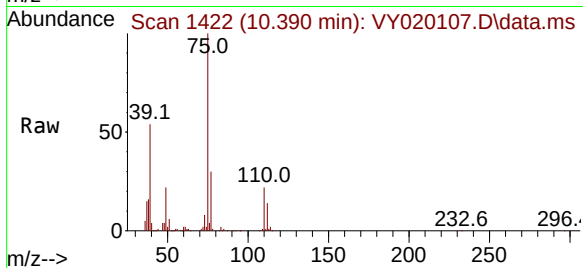




#53
 t-1,3-Dichloropropene
 Concen: 51.999 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

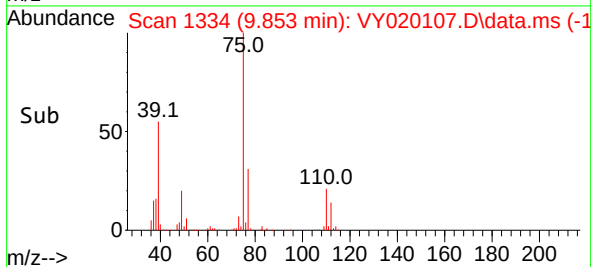
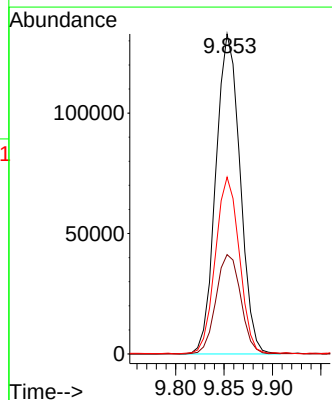
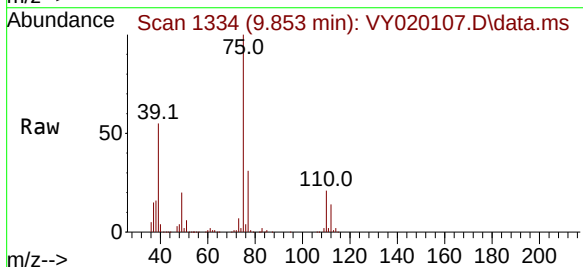
Instrument :
 MSVOA_Y
 ClientSampleId :

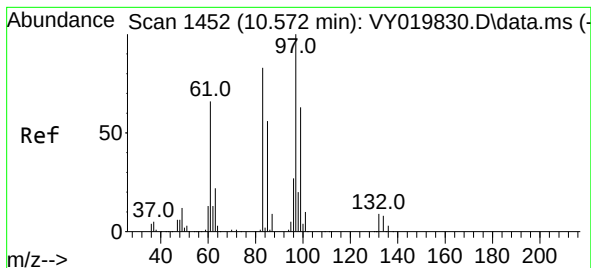
Tgt Ion: 75 Resp: 194488
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.906 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

Tgt Ion: 75 Resp: 231722
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 55.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.132 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 114850

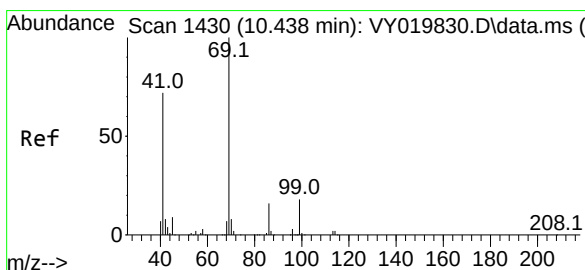
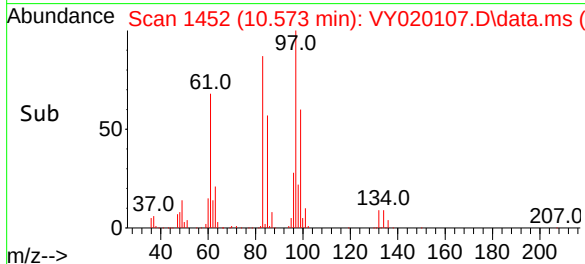
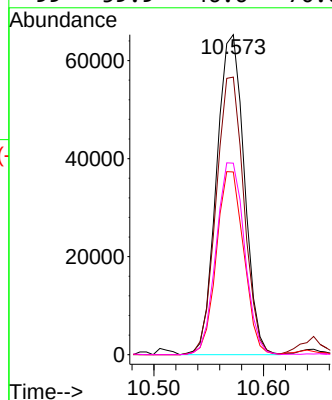
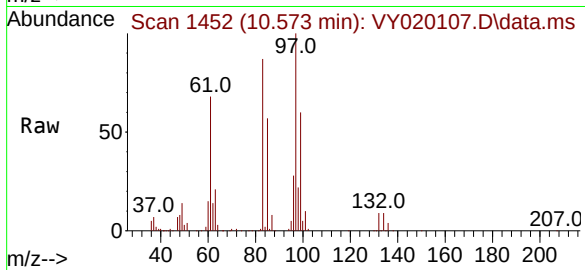
Ion Ratio Lower Upper

97 100

83 86.7 67.5 101.3

85 57.1 42.9 64.3

99 59.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 58.542 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

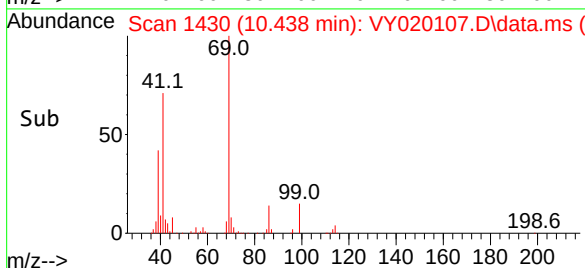
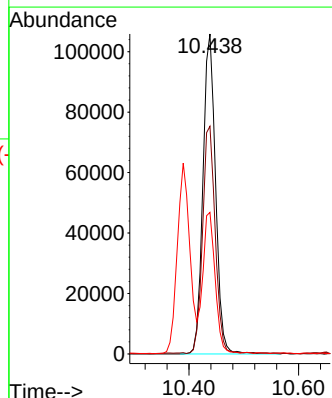
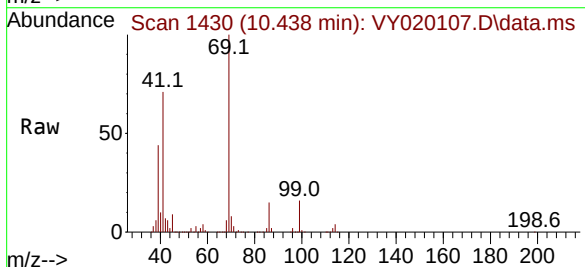
Tgt Ion: 69 Resp: 168813

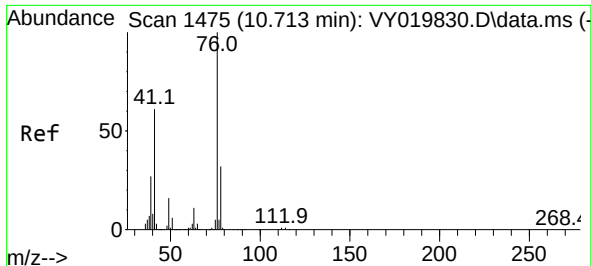
Ion Ratio Lower Upper

69 100

41 71.4 42.3 63.5#

39 42.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 55.609 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

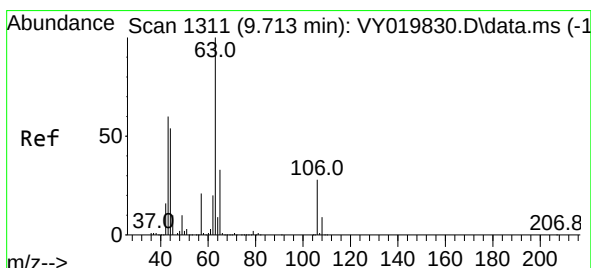
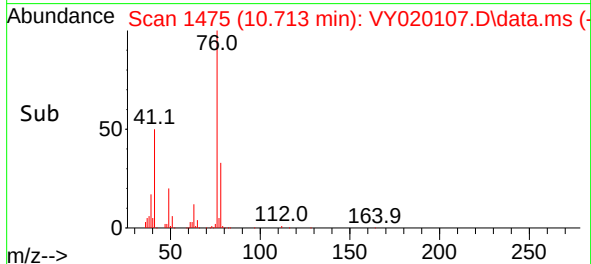
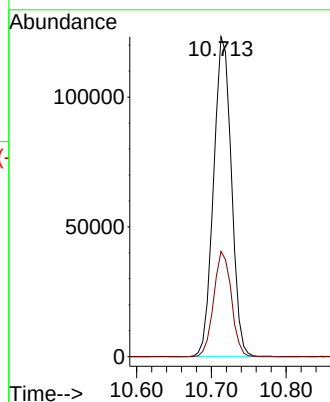
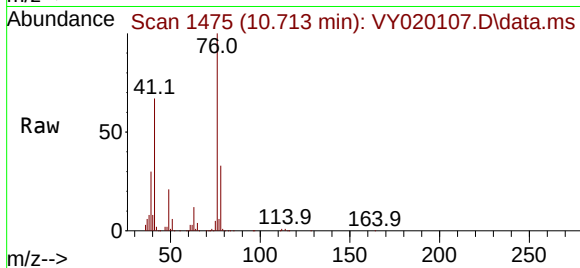
ClientSampleId :

Tgt Ion: 76 Resp: 204715

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 293.136 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY020107.D

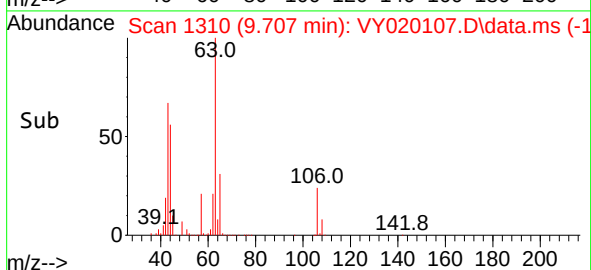
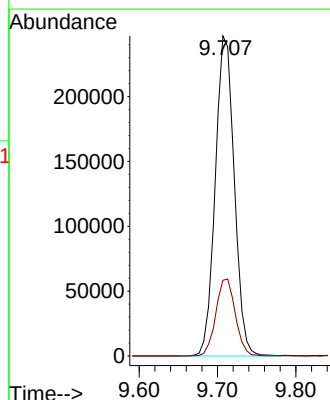
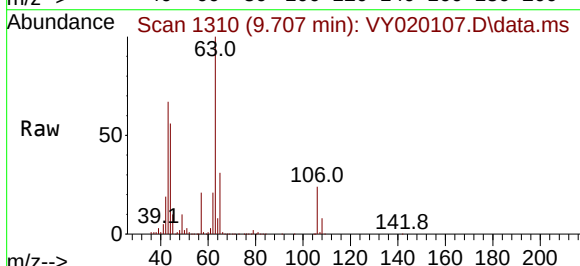
Acq: 31 Oct 2024 20:05

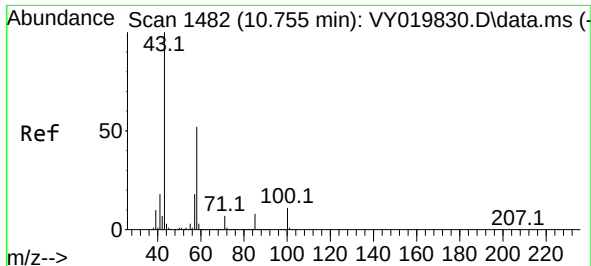
Tgt Ion: 63 Resp: 416873

Ion Ratio Lower Upper

63 100

106 24.6 23.7 35.5

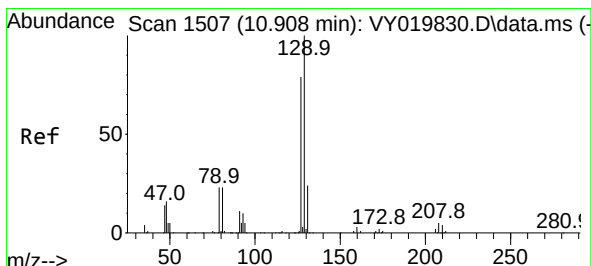
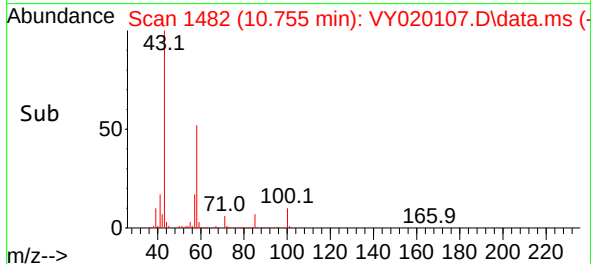
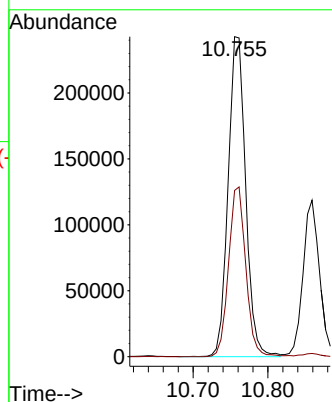
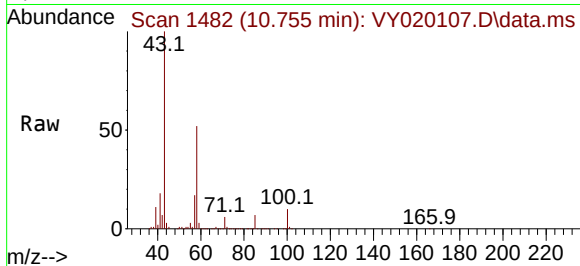




#59
2-Hexanone
Concen: 274.010 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

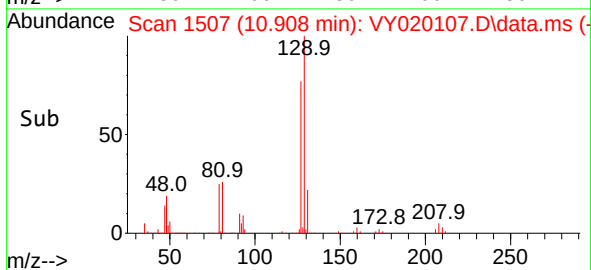
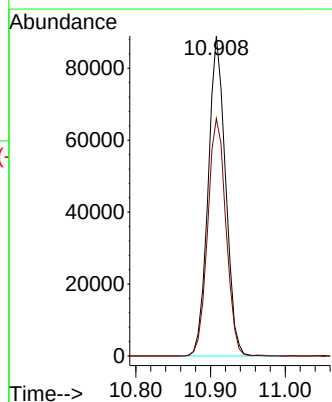
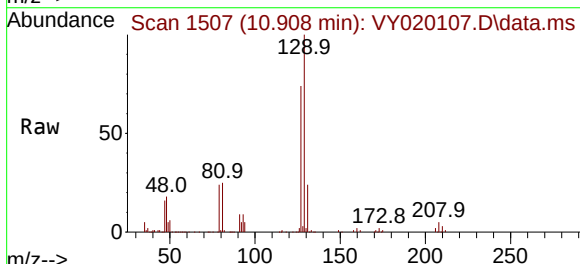
Instrument :
MSVOA_Y
ClientSampleId :

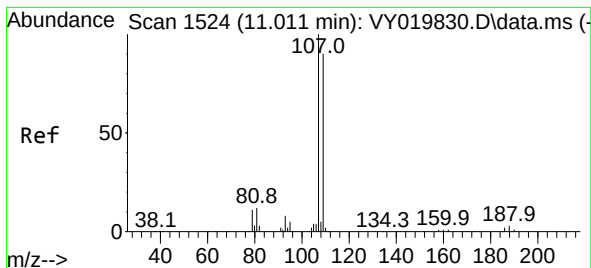
Tgt Ion: 43 Resp: 396524
Ion Ratio Lower Upper
43 100
58 52.2 31.4 94.0



#60
Dibromochloromethane
Concen: 56.004 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion:129 Resp: 143511
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 56.855 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

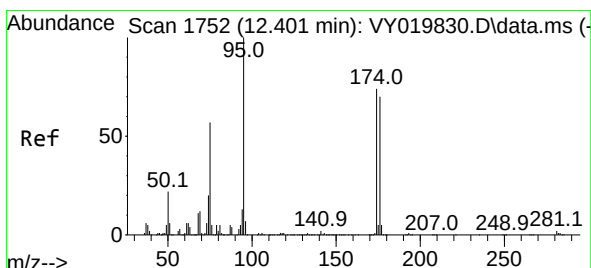
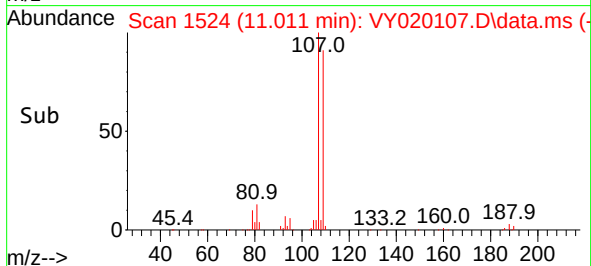
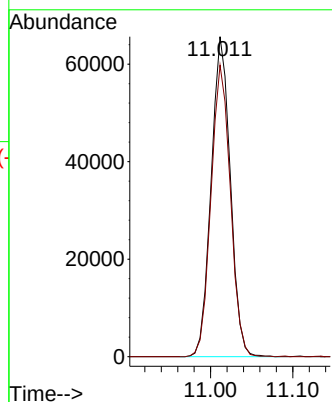
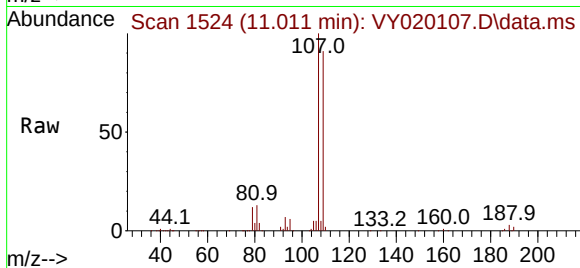
ClientSampleId :

Tgt Ion:107 Resp: 106187

Ion Ratio Lower Upper

107 100

109 92.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.297 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

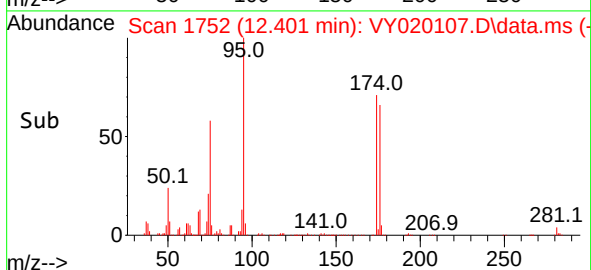
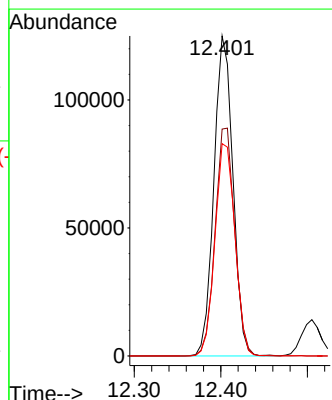
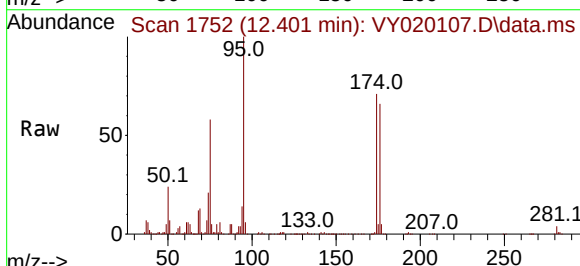
Tgt Ion: 95 Resp: 190602

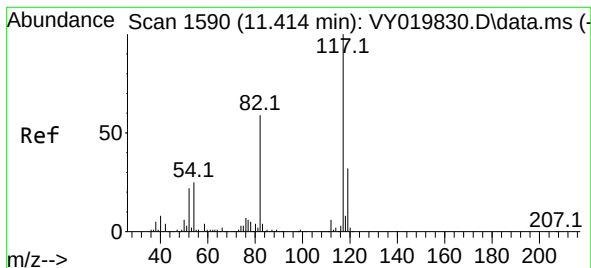
Ion Ratio Lower Upper

95 100

174 73.5 0.0 175.6

176 69.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

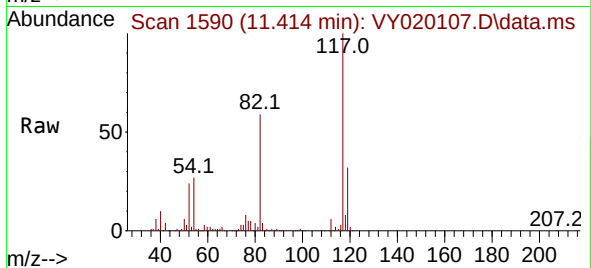
Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :



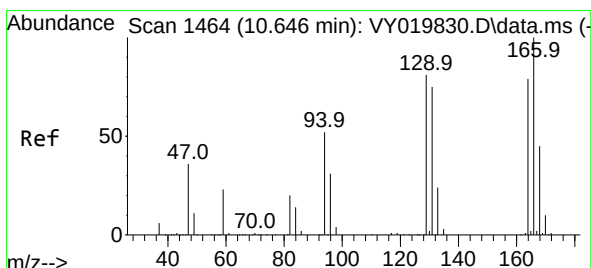
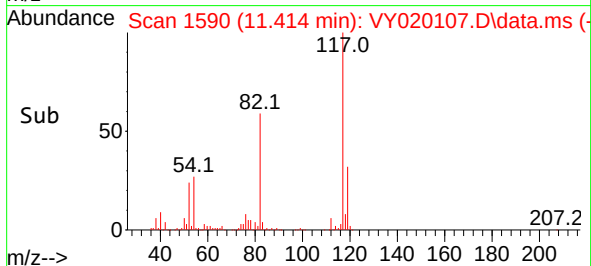
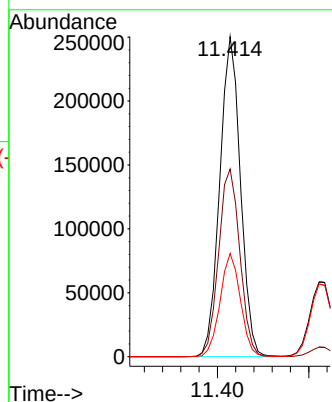
Tgt Ion:117 Resp: 393846

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 58.153 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Tgt Ion:164 Resp: 151222

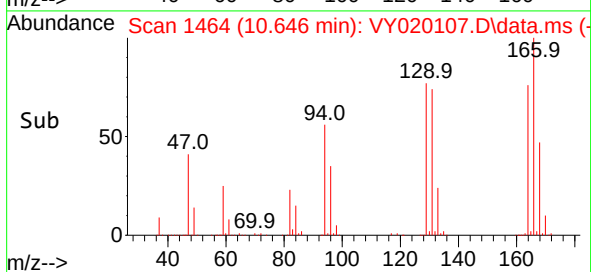
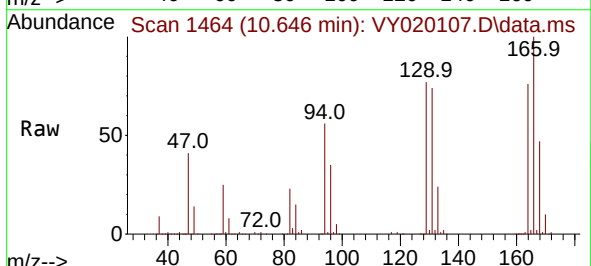
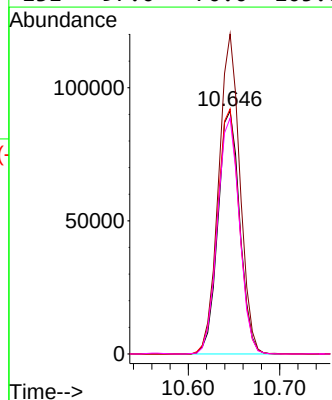
Ion Ratio Lower Upper

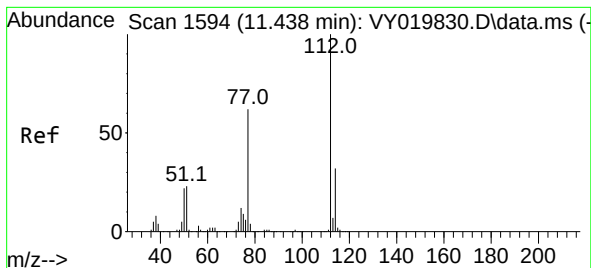
164 100

166 131.7 102.6 154.0

129 100.9 72.0 108.0

131 97.0 70.0 105.0





#65

Chlorobenzene

Concen: 51.798 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

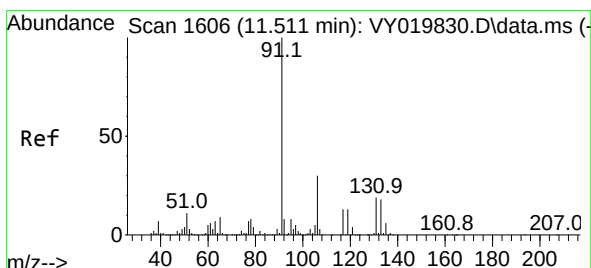
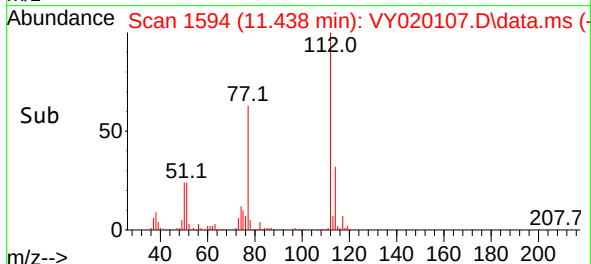
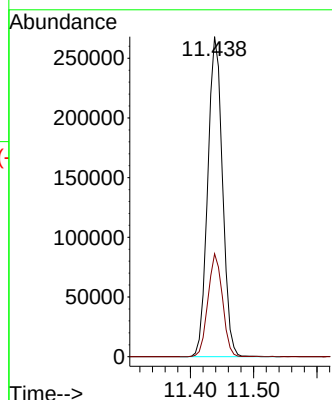
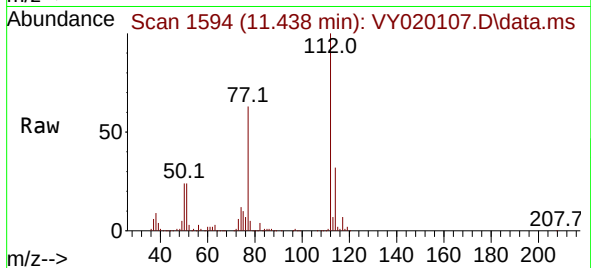
ClientSampleId :

Tgt Ion:112 Resp: 434683

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.451 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

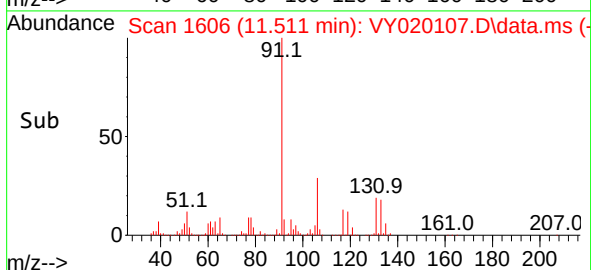
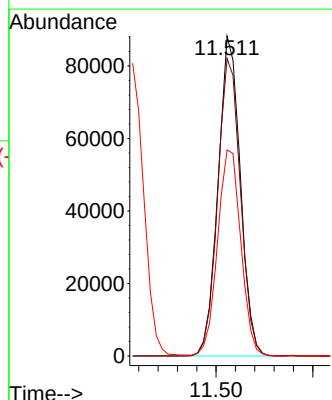
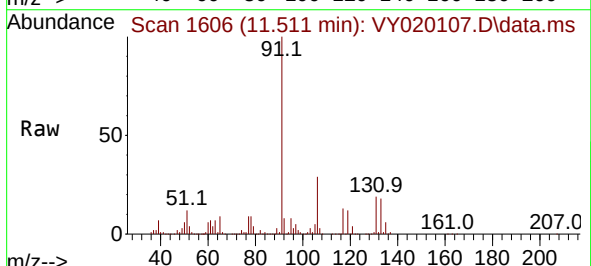
Tgt Ion:131 Resp: 140630

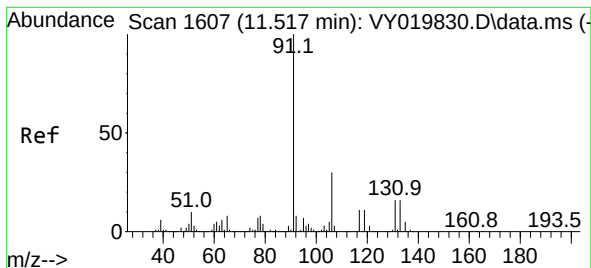
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 50.370 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

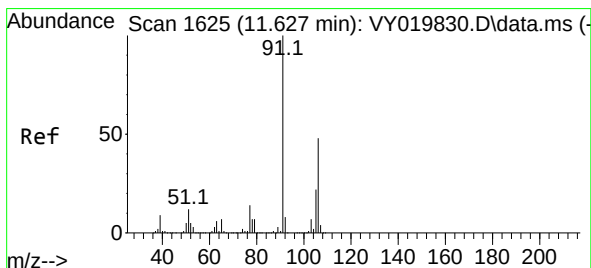
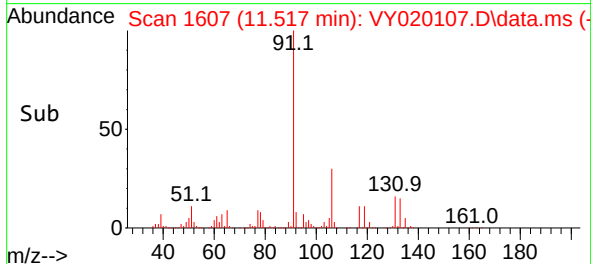
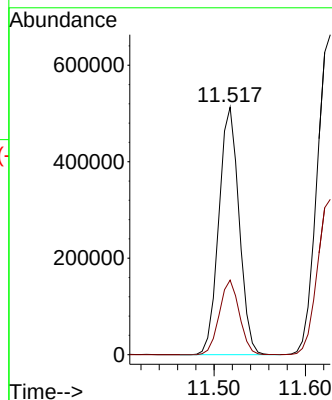
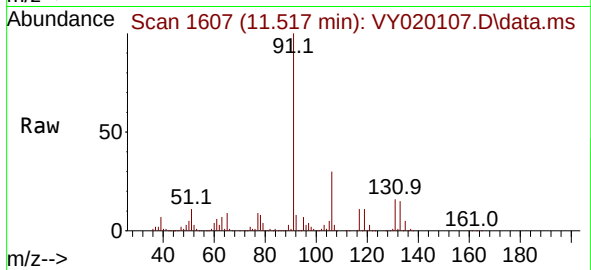
ClientSampleId :

Tgt Ion: 91 Resp: 790162

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 101.726 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020107.D

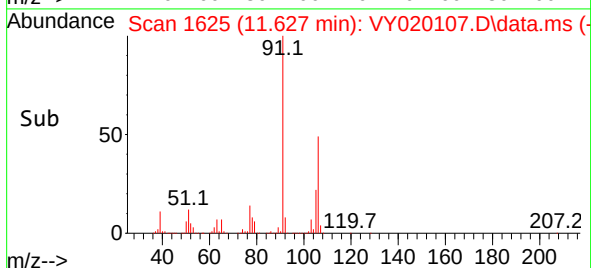
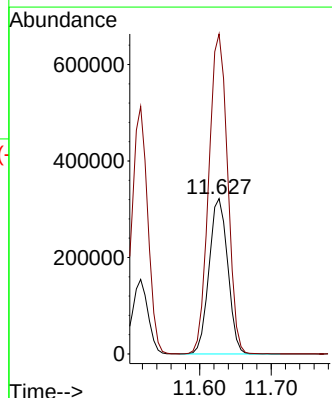
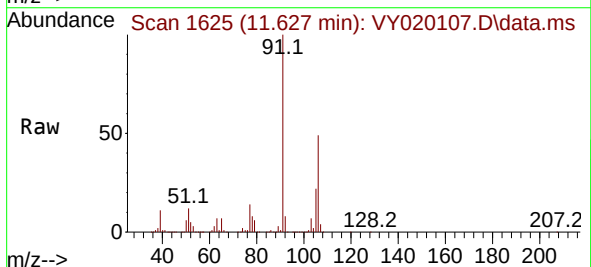
Acq: 31 Oct 2024 20:05

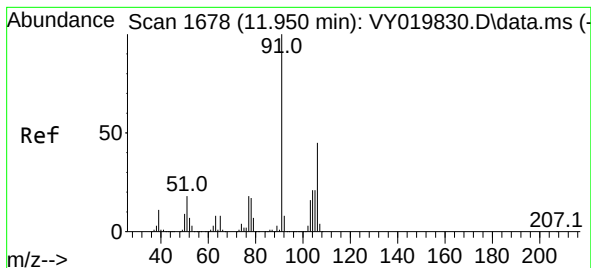
Tgt Ion:106 Resp: 583848

Ion Ratio Lower Upper

106 100

91 207.3 156.0 234.0





#69

o-Xylene

Concen: 51.890 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

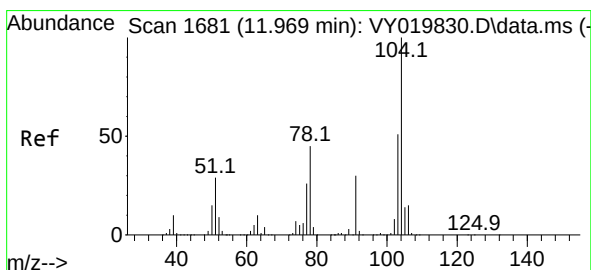
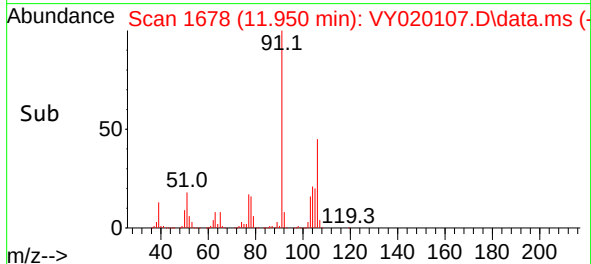
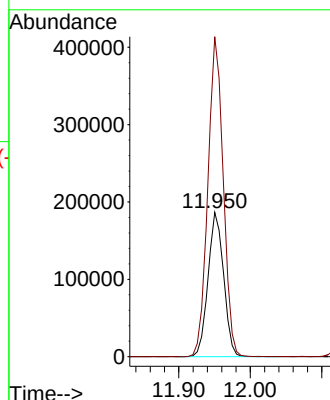
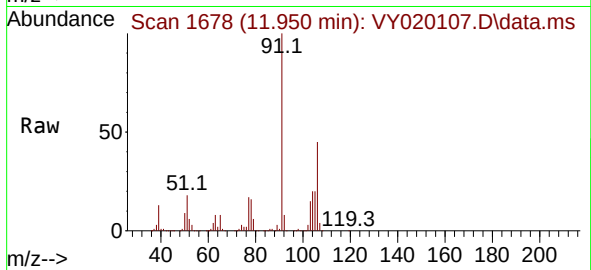
ClientSampleId :

Tgt Ion:106 Resp: 281965

Ion Ratio Lower Upper

106 100

91 219.4 103.6 310.8



#70

Styrene

Concen: 54.197 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

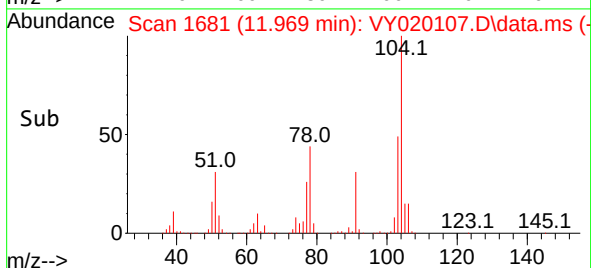
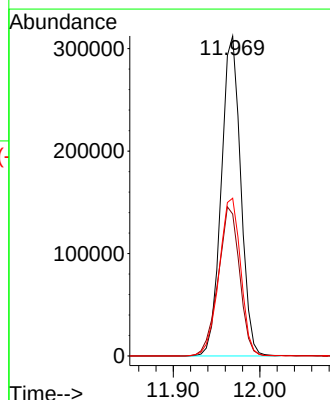
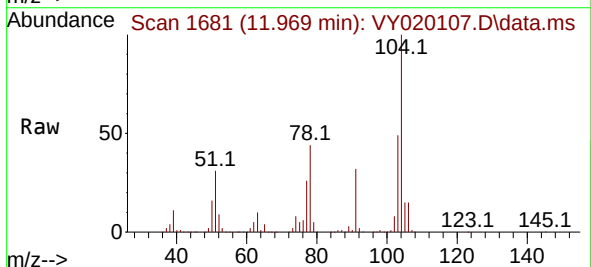
Tgt Ion:104 Resp: 486927

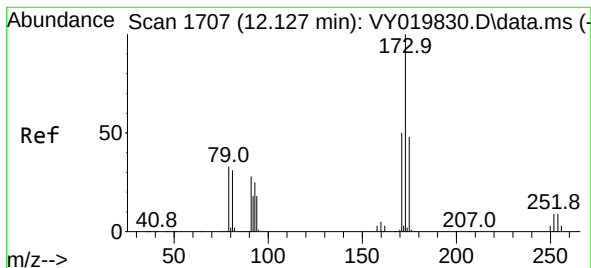
Ion Ratio Lower Upper

104 100

78 51.5 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 54.812 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020107.D

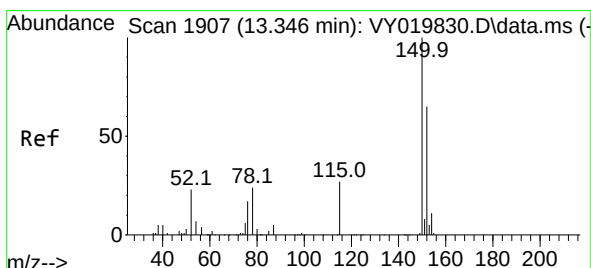
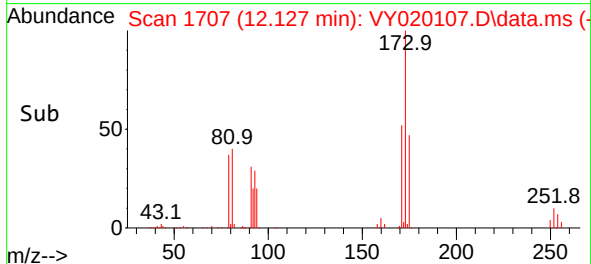
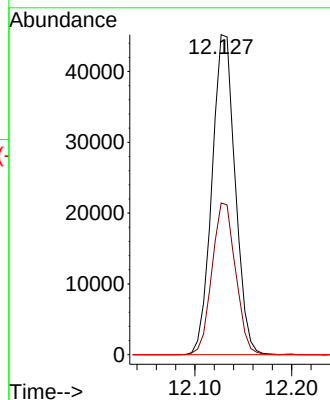
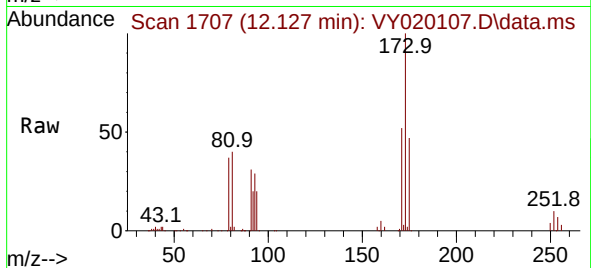
Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	75392
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

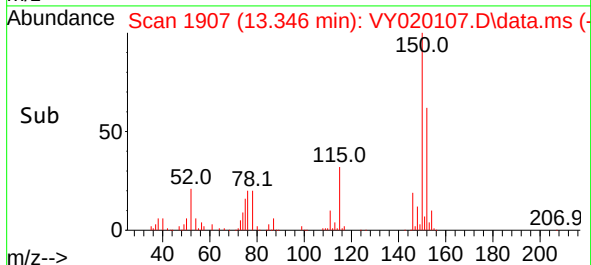
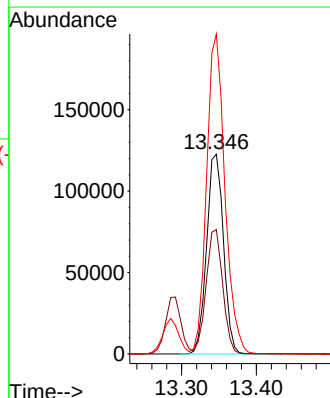
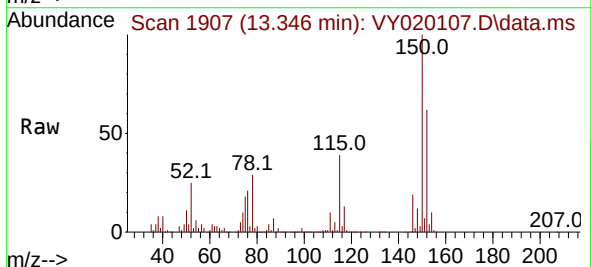
RT: 13.346 min Scan# 1907

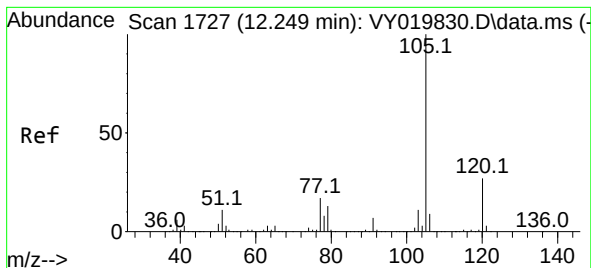
Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Tgt Ion:152	Resp:	192141
Ion Ratio	Lower	Upper
152	100	
115	61.3	28.2 84.7
150	173.0	0.0 345.6





#73

Isopropylbenzene

Concen: 47.429 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

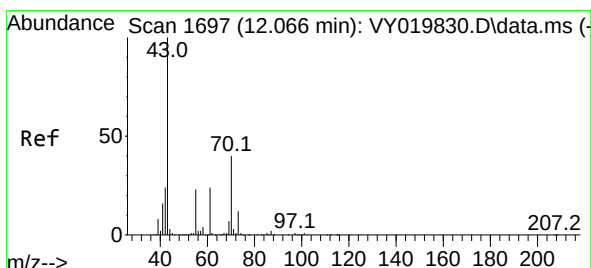
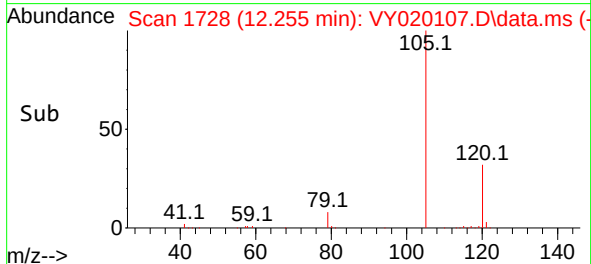
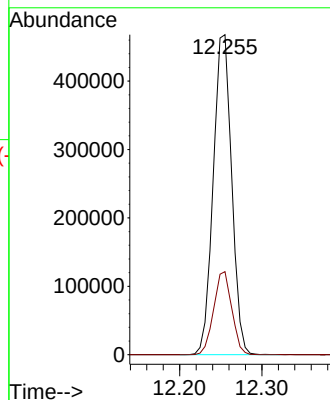
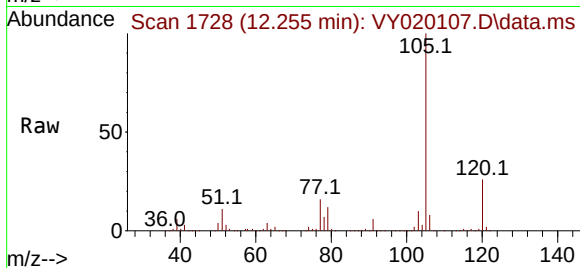
ClientSampleId :

Tgt Ion:105 Resp: 728009

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 52.406 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Tgt Ion: 43 Resp: 201076

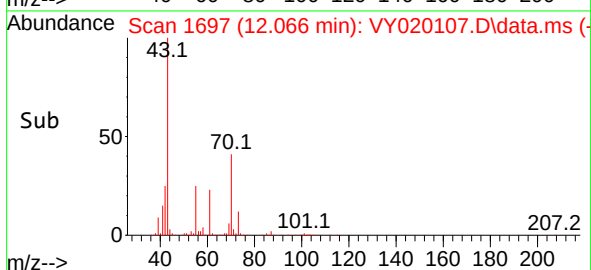
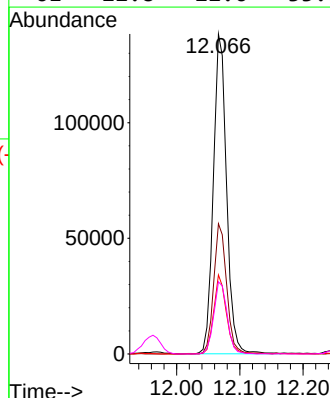
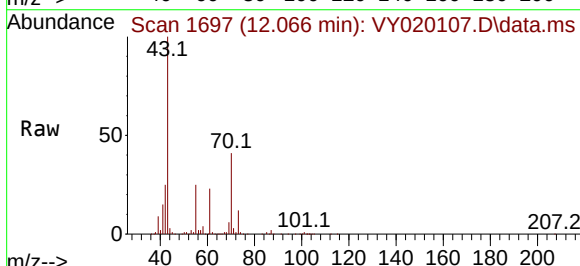
Ion Ratio Lower Upper

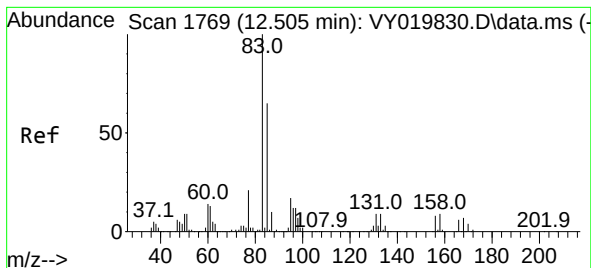
43 100

70 40.2 41.4 62.2#

55 24.0 23.3 34.9

61 22.8 22.6 33.8

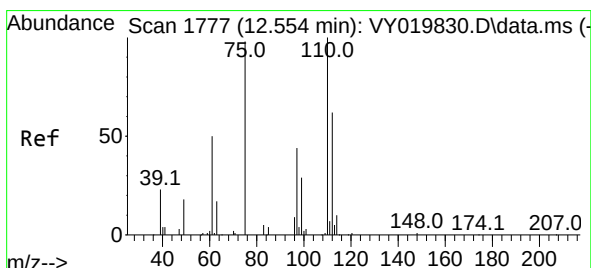
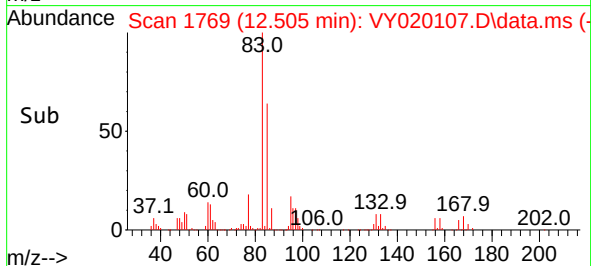
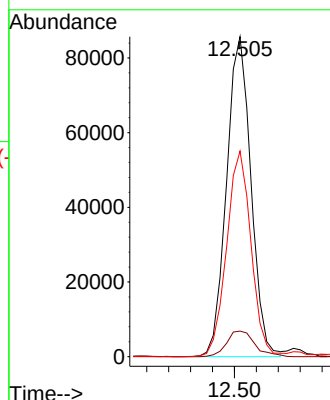
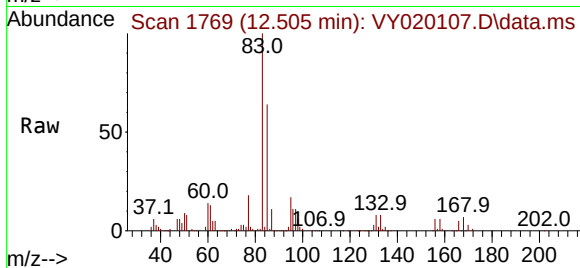




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.444 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

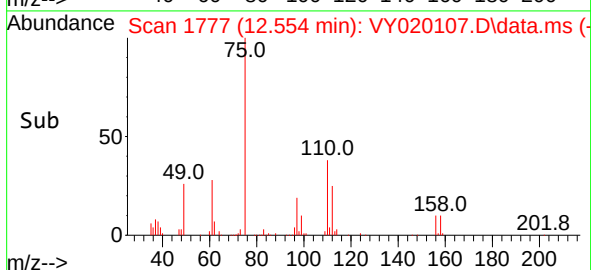
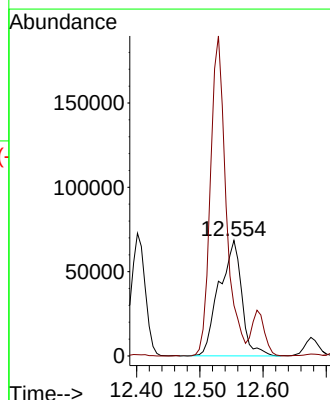
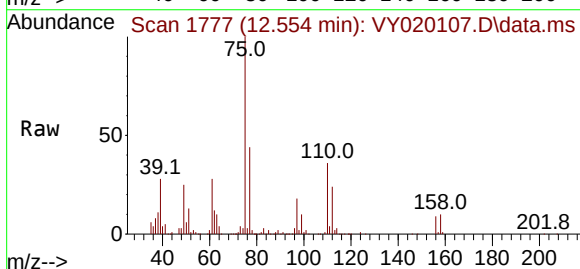
Instrument :
 MSVOA_Y
 ClientSampleId :

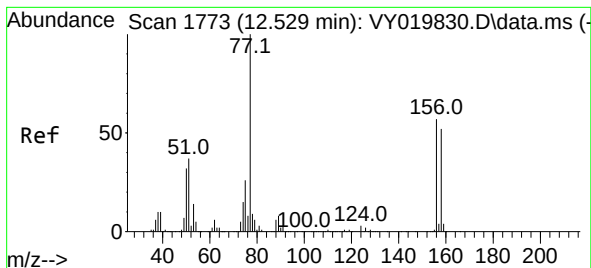
Tgt Ion: 83 Resp: 132727
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.0 14.9
 85 64.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 94.059 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY020107.D
 Acq: 31 Oct 2024 20:05

Tgt Ion: 75 Resp: 169411
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.398 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

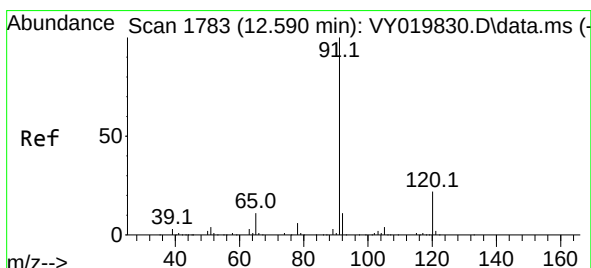
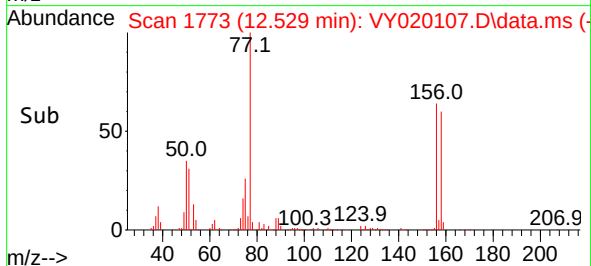
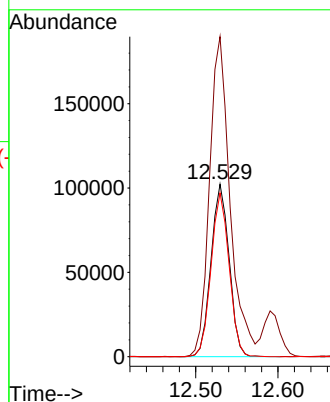
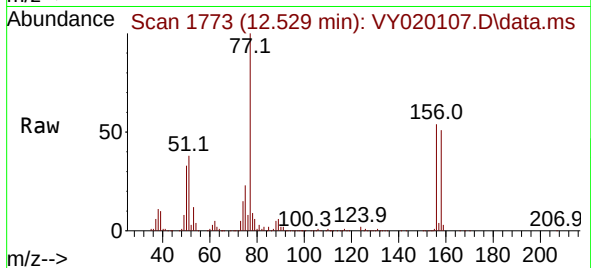
Tgt Ion:156 Resp: 156448

Ion Ratio Lower Upper

156 100

77 209.8 87.1 261.3

158 94.6 48.6 145.9



#78

n-propylbenzene

Concen: 47.218 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY020107.D

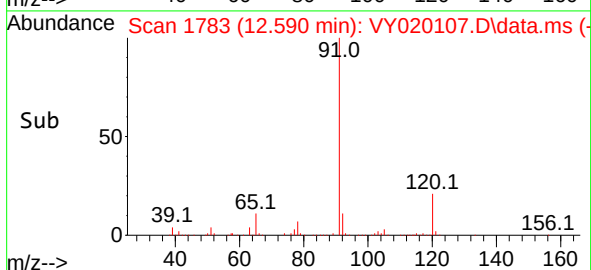
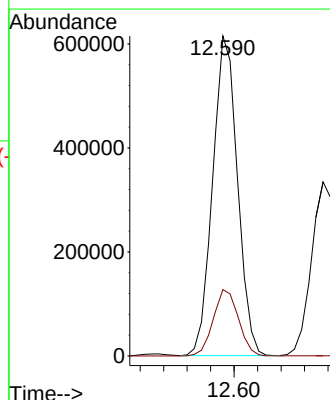
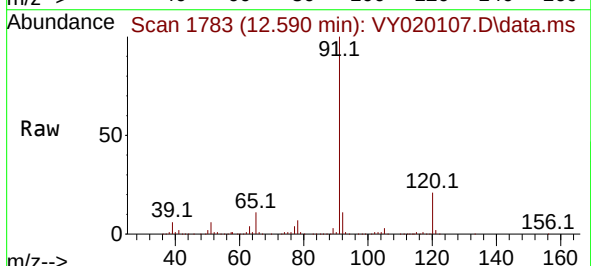
Acq: 31 Oct 2024 20:05

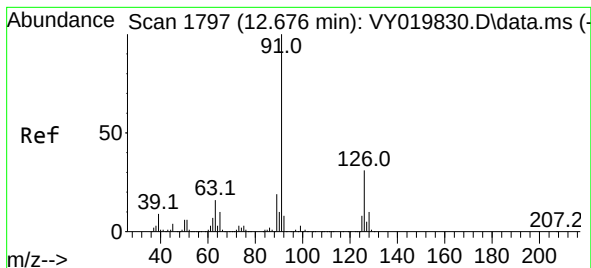
Tgt Ion: 91 Resp: 902006

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

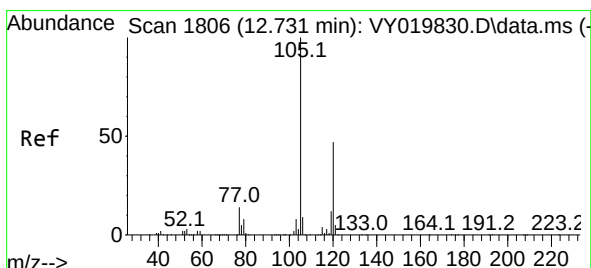
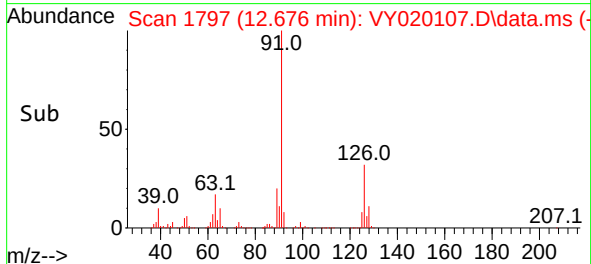
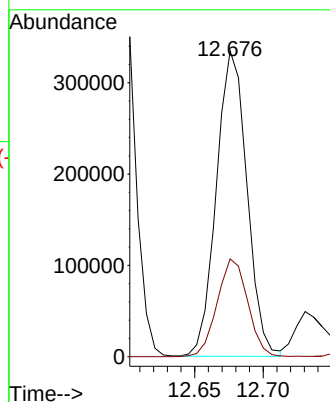
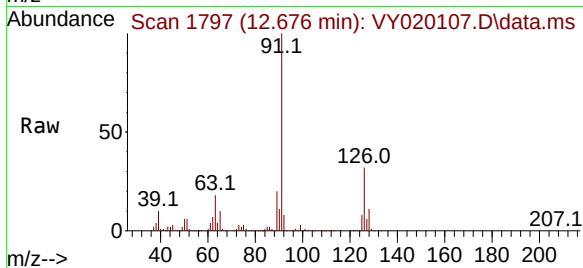




#79
2-Chlorotoluene
Concen: 48.983 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

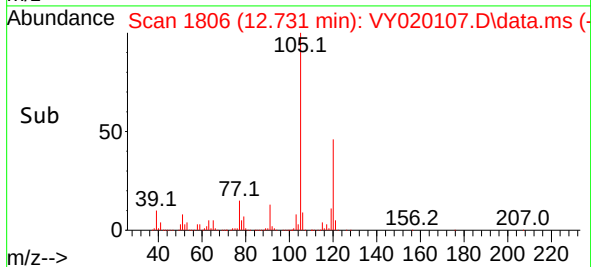
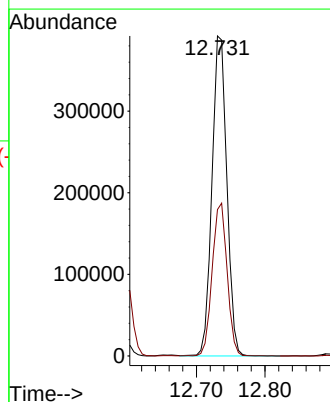
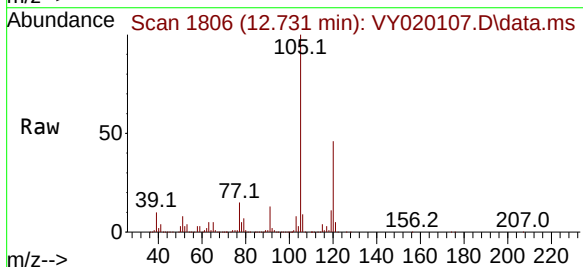
Instrument :
MSVOA_Y
ClientSampleId :

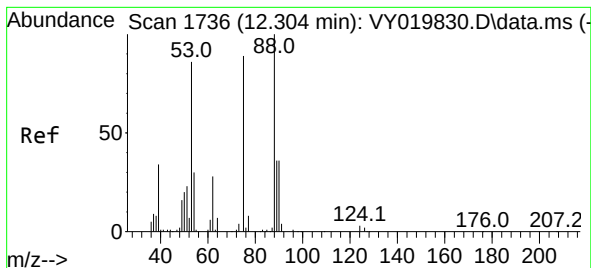
Tgt Ion: 91 Resp: 519409
Ion Ratio Lower Upper
91 100
126 32.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 47.973 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 105 Resp: 591162
Ion Ratio Lower Upper
105 100
120 48.0 25.1 75.2

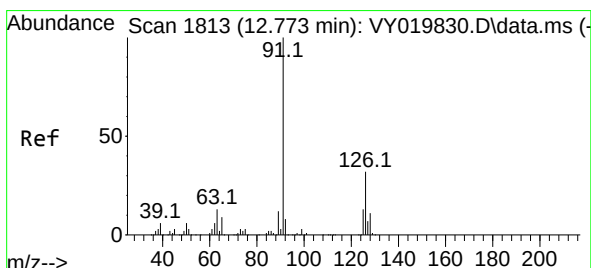
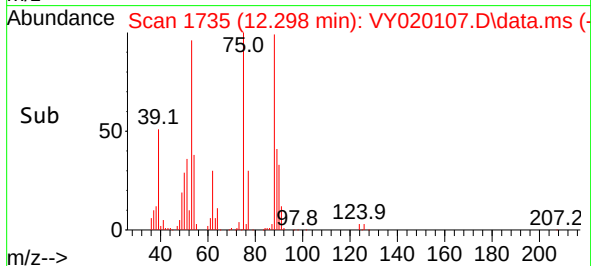
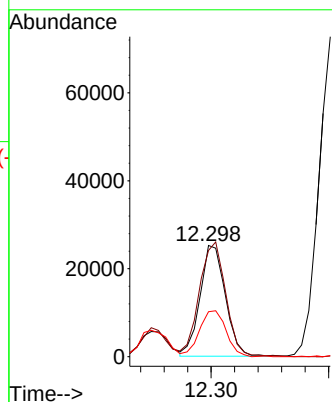
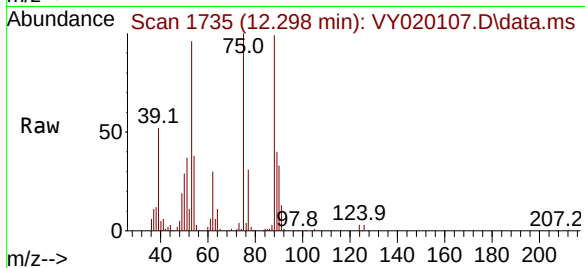




#81
trans-1,4-Dichloro-2-butene
Concen: 45.042 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

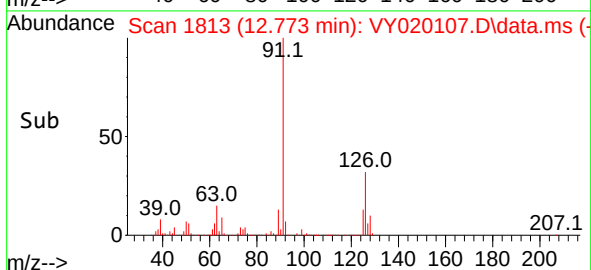
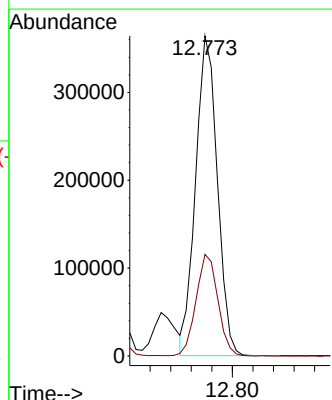
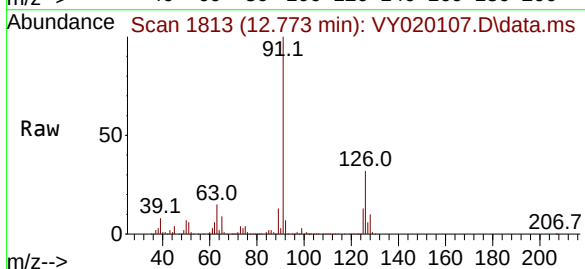
Instrument :
MSVOA_Y
ClientSampleId :

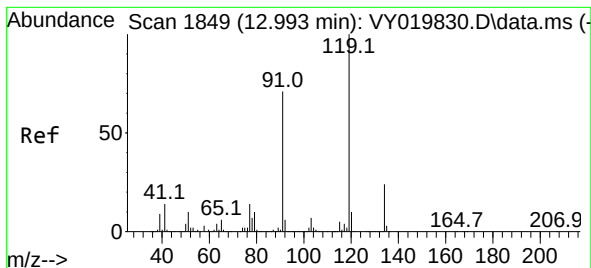
Tgt Ion: 75 Resp: 37716
Ion Ratio Lower Upper
75 100
53 108.4 66.8 100.2#
89 43.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.444 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion: 91 Resp: 534573
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.073 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

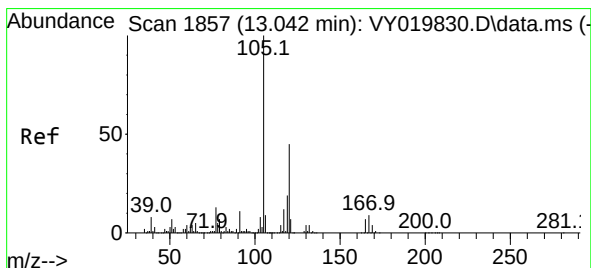
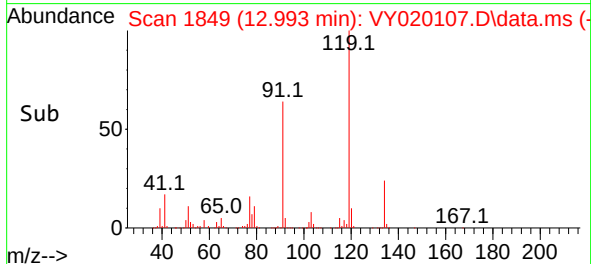
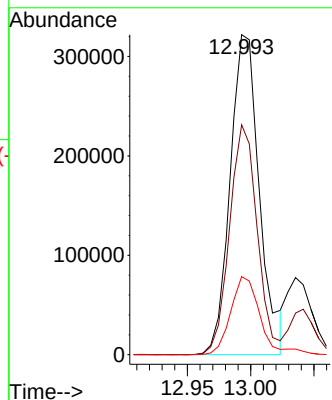
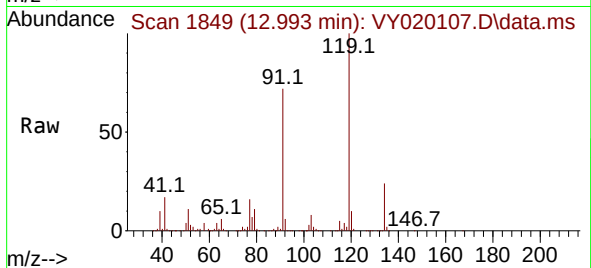
Tgt Ion:119 Resp: 518002

Ion Ratio Lower Upper

119 100

91 68.1 31.3 93.8

134 24.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.519 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020107.D

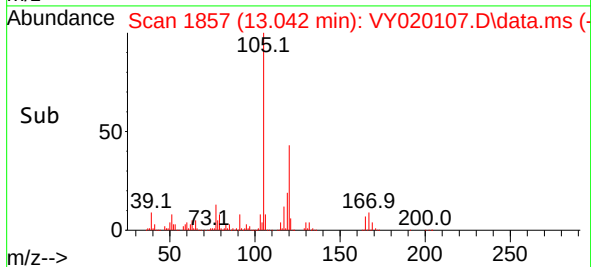
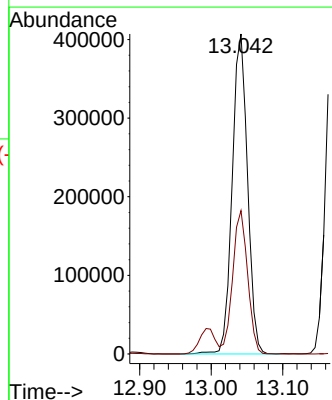
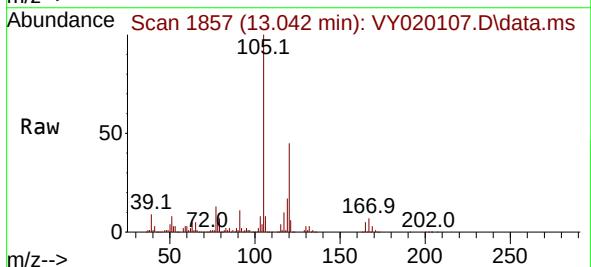
Acq: 31 Oct 2024 20:05

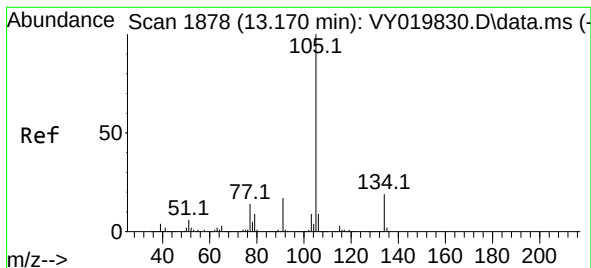
Tgt Ion:105 Resp: 604405

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.748 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

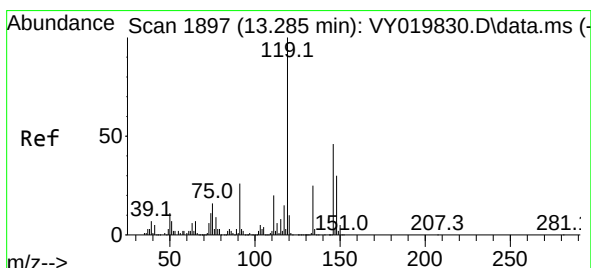
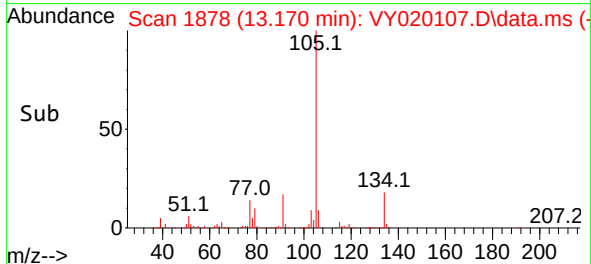
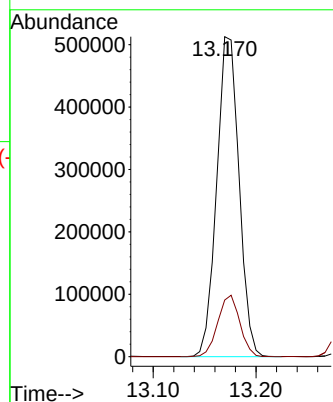
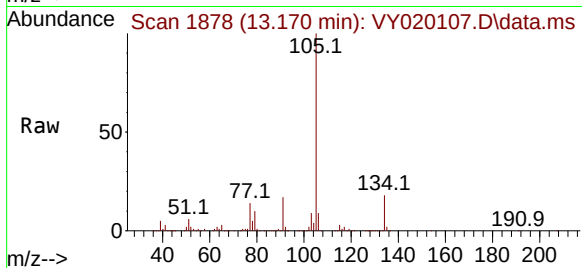
ClientSampleId :

Tgt Ion:105 Resp: 773306

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 46.959 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

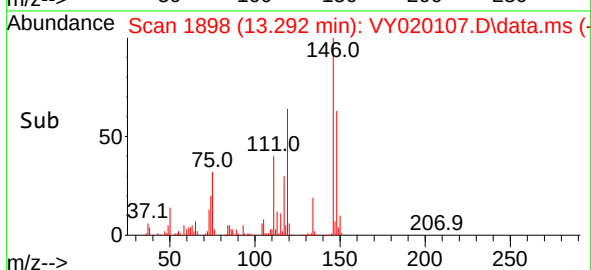
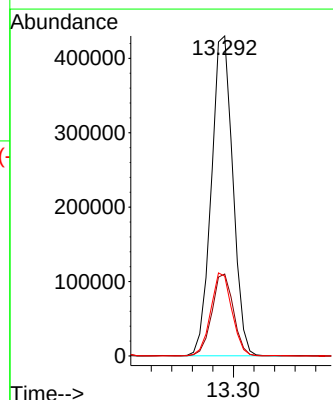
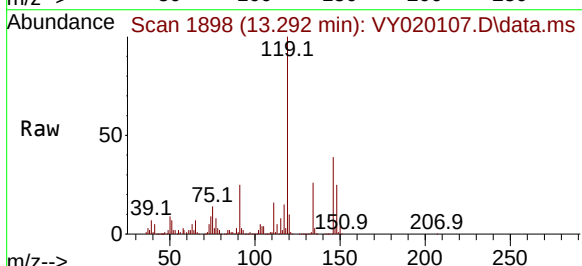
Tgt Ion:119 Resp: 623356

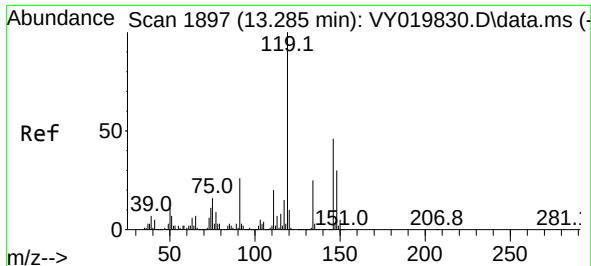
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.6 10.7 32.1

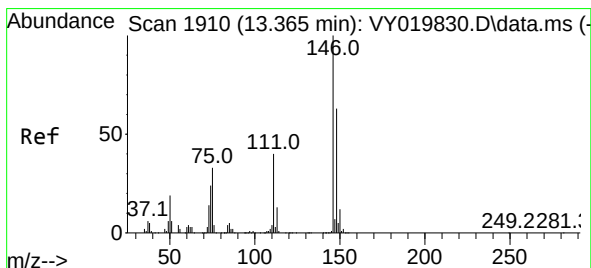
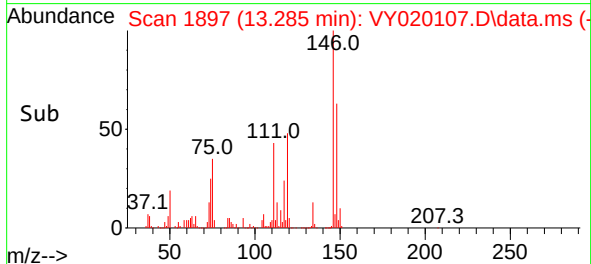
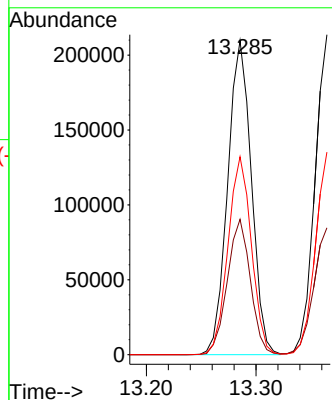
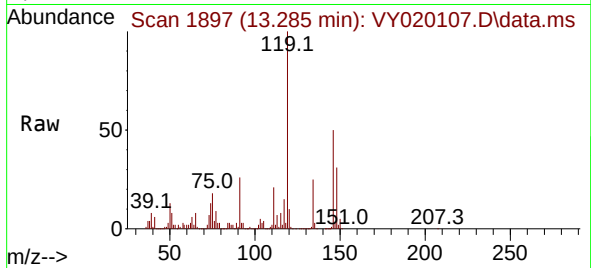




#87
1,3-Dichlorobenzene
Concen: 49.867 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

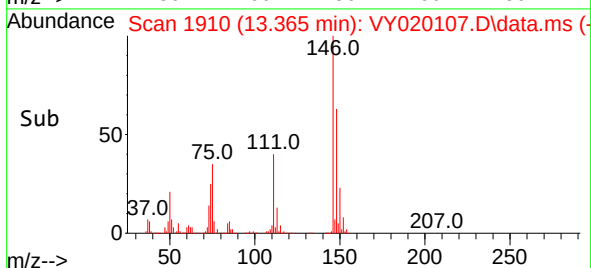
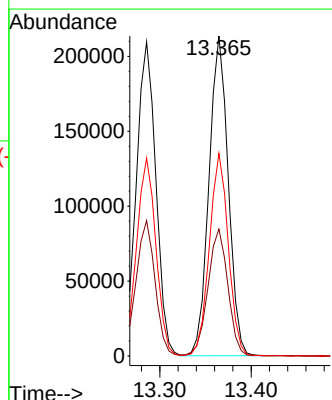
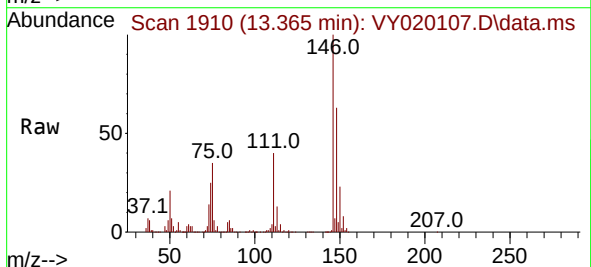
Instrument :
MSVOA_Y
ClientSampleId :

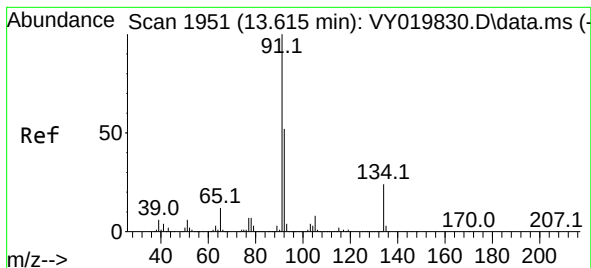
Tgt Ion:146 Resp: 314469
Ion Ratio Lower Upper
146 100
111 42.1 19.0 57.0
148 62.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.722 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY020107.D
Acq: 31 Oct 2024 20:05

Tgt Ion:146 Resp: 312254
Ion Ratio Lower Upper
146 100
111 41.2 18.4 55.4
148 62.4 32.4 97.2





#89

n-Butylbenzene

Concen: 46.036 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

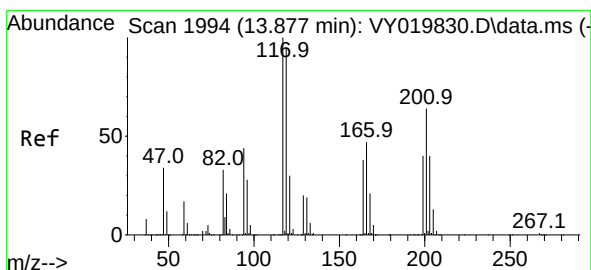
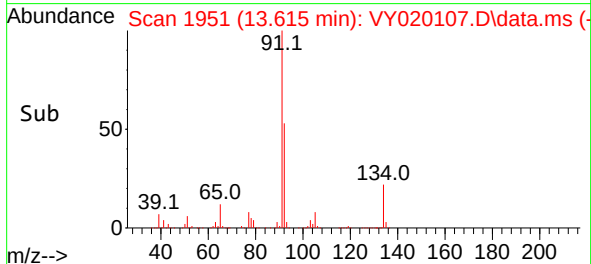
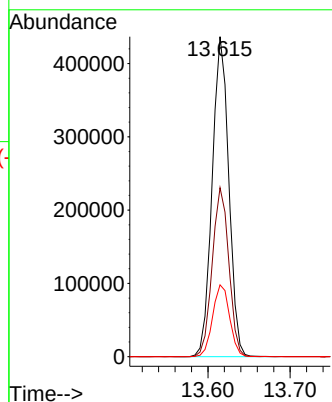
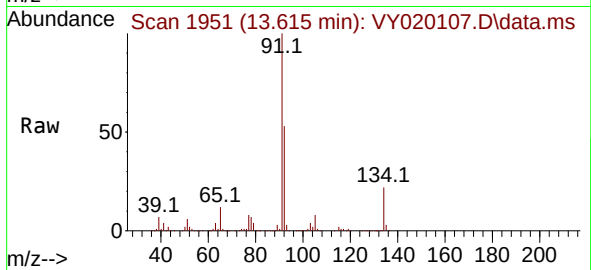
Tgt Ion: 91 Resp: 612594

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 23.0 12.9 38.7



#90

Hexachloroethane

Concen: 48.051 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020107.D

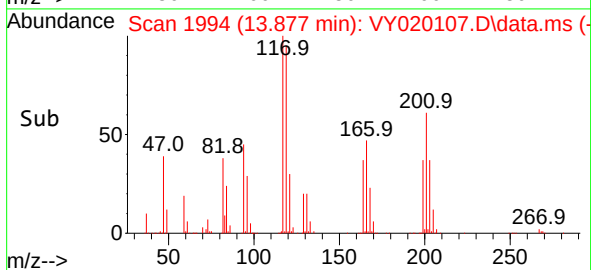
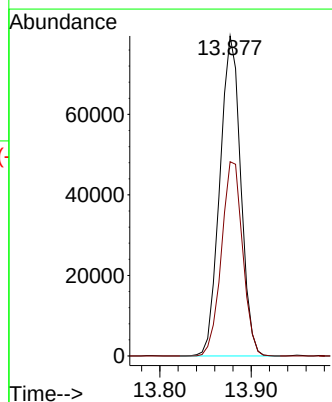
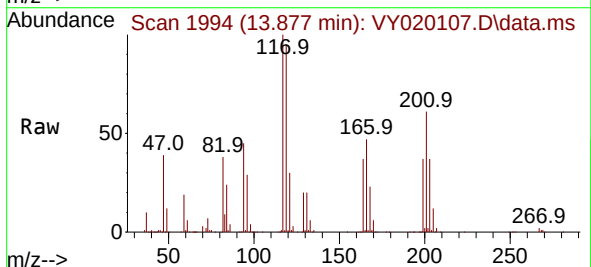
Acq: 31 Oct 2024 20:05

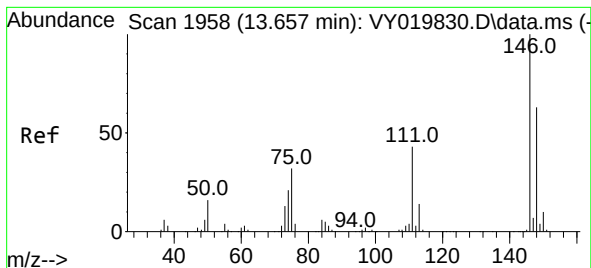
Tgt Ion: 117 Resp: 126147

Ion Ratio Lower Upper

117 100

201 61.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.649 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

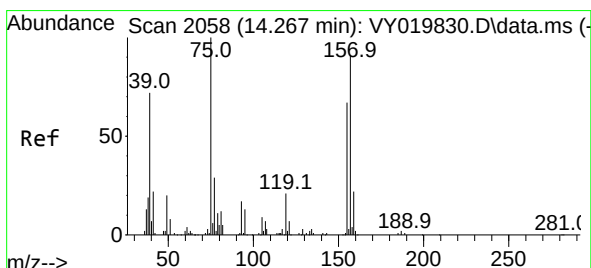
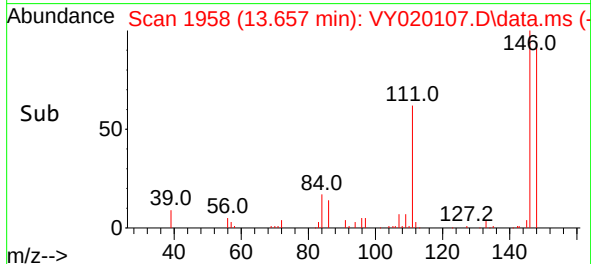
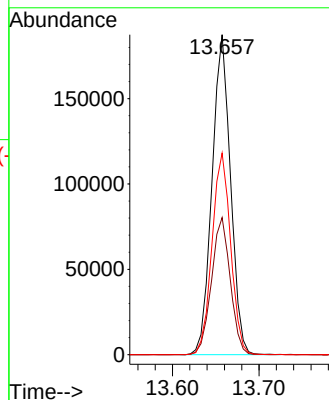
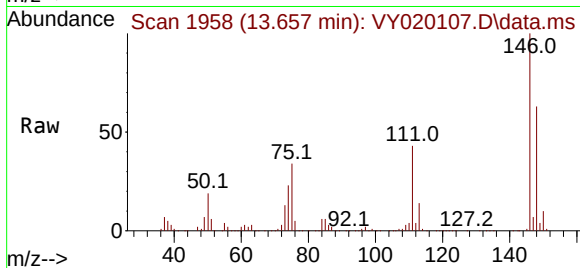
Tgt Ion:146 Resp: 277631

Ion Ratio Lower Upper

146 100

111 43.6 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.483 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

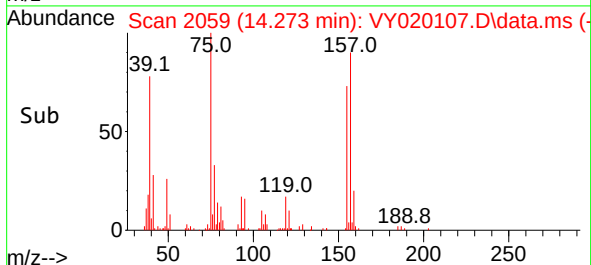
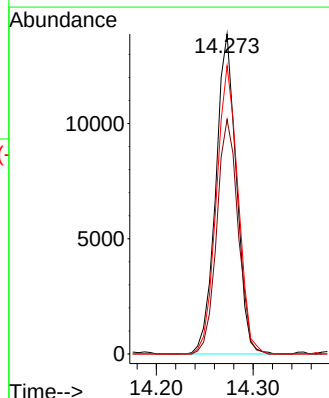
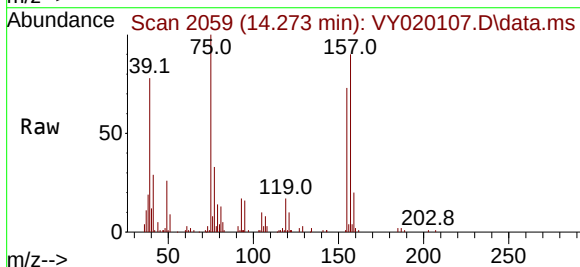
Tgt Ion: 75 Resp: 20552

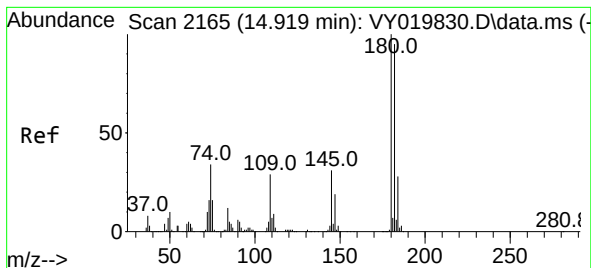
Ion Ratio Lower Upper

75 100

155 76.0 48.6 145.8

157 94.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.791 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

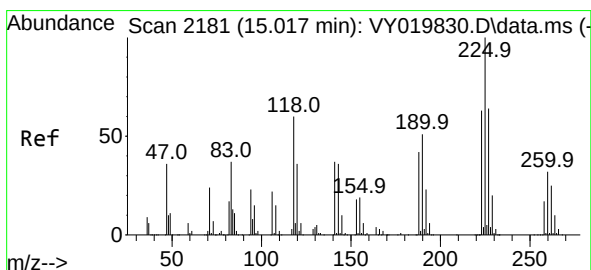
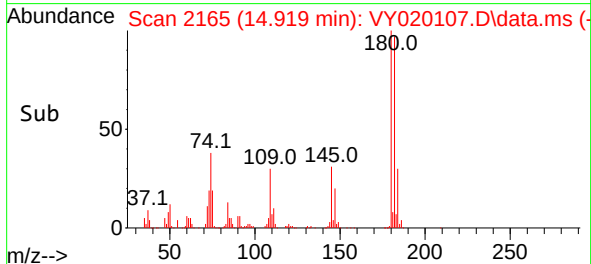
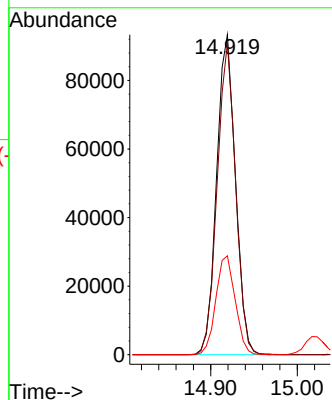
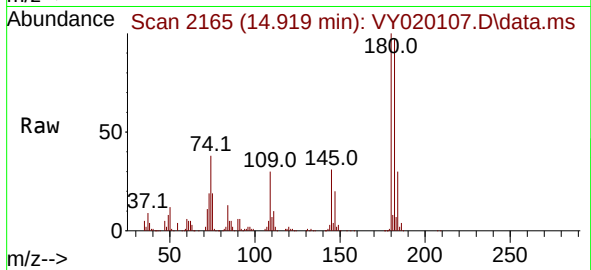
Tgt Ion:180 Resp: 140725

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.213 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

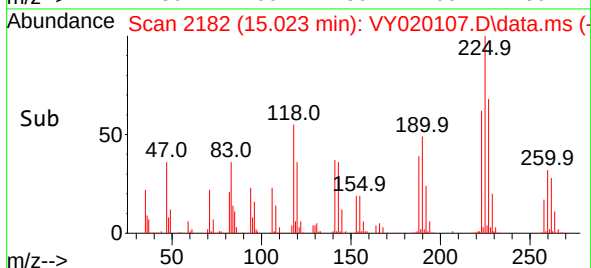
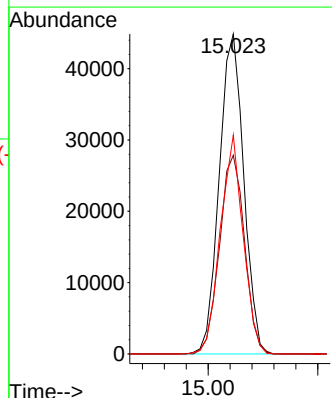
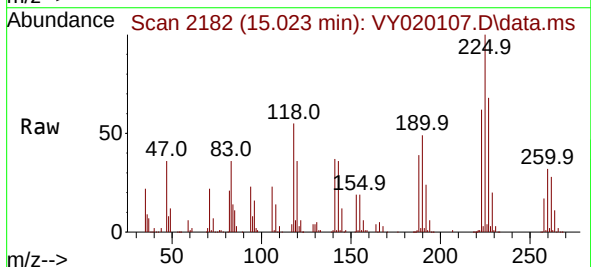
Tgt Ion:225 Resp: 69580

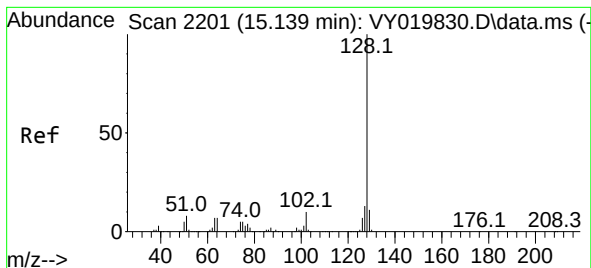
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 51.499 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Instrument :

MSVOA_Y

ClientSampleId :

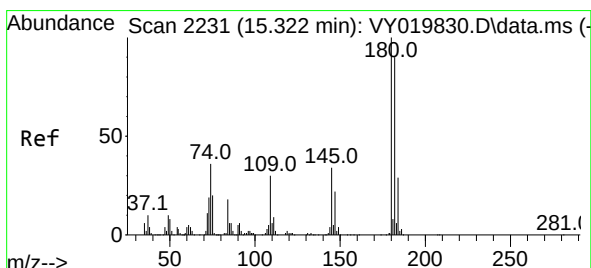
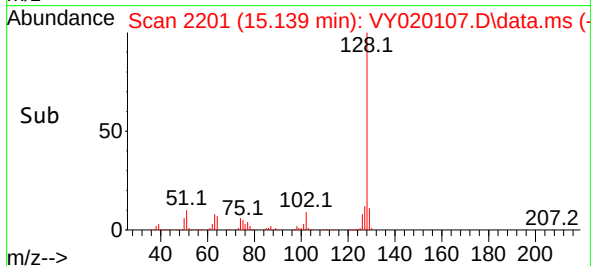
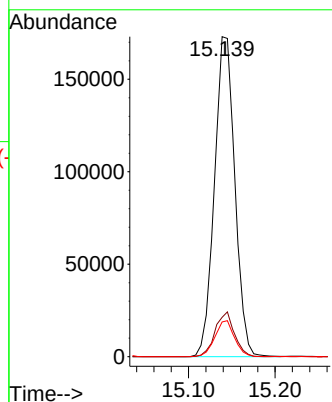
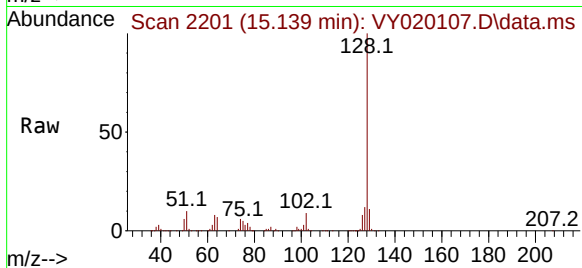
Tgt Ion:128 Resp: 283470

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.434 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020107.D

Acq: 31 Oct 2024 20:05

Tgt Ion:180 Resp: 118564

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 34.7 15.4 46.1

