

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020615.D
 Acq On : 17 Dec 2024 10:51
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 04:52:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	169292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	263162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96289	51.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.634	113	94848	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.103	98	334601	51.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.401	95	126226	49.707	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	104493	49.416	ug/l	100
3) Chloromethane	2.068	50	72429	46.229	ug/l	100
4) Vinyl Chloride	2.202	62	62750	43.031	ug/l	100
5) Bromomethane	2.598	94	38716	41.303	ug/l	100
6) Chloroethane	2.738	64	35946	39.890	ug/l	100
7) Trichlorofluoromethane	3.061	101	133990	43.913	ug/l	100
8) Diethyl Ether	3.458	74	49218	45.993	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.817	101	102158	46.710	ug/l	100
10) Methyl Iodide	4.006	142	117209	48.135	ug/l	100
11) Tert butyl alcohol	4.860	59	42756	214.068	ug/l	100
12) 1,1-Dichloroethene	3.787	96	99773	47.016	ug/l	100
13) Acrolein	3.653	56	14576	166.258	ug/l	100
14) Allyl chloride	4.384	41	173951	46.780	ug/l	100
15) Acrylonitrile	5.055	53	130861	255.615	ug/l	100
16) Acetone	3.866	43	83206	225.255	ug/l	100
17) Carbon Disulfide	4.104	76	328309	47.529	ug/l	100
18) Methyl Acetate	4.384	43	59224	46.948	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	281609	51.414	ug/l	100
20) Methylene Chloride	4.616	84	104472	45.319	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	120184	50.488	ug/l	100
22) Diisopropyl ether	6.024	45	387073	51.282	ug/l	100
23) Vinyl Acetate	5.963	43	1112368	260.208	ug/l	100
24) 1,1-Dichloroethane	5.915	63	223898	50.635	ug/l	100
25) 2-Butanone	6.896	43	167158	242.593	ug/l	100
26) 2,2-Dichloropropane	6.884	77	200438	47.951	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	138280	50.490	ug/l	100
28) Bromochloromethane	7.244	49	83821	56.199	ug/l	100
29) Tetrahydrofuran	7.262	42	112230	258.011	ug/l	100
30) Chloroform	7.420	83	233357	52.860	ug/l	100
31) Cyclohexane	7.701	56	202782	47.962	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	202760	49.911	ug/l	100
36) 1,1-Dichloropropene	7.835	75	167520	49.533	ug/l	100
37) Ethyl Acetate	6.981	43	78387	49.275	ug/l	100
38) Carbon Tetrachloride	7.817	117	184345	49.267	ug/l	100
39) Methylcyclohexane	9.109	83	219055	49.696	ug/l	100
40) Benzene	8.079	78	489140	49.343	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	40529	48.191	ug/l	100
42) 1,2-Dichloroethane	8.158	62	131640	50.069	ug/l	100
43) Isopropyl Acetate	8.195	43	153226	50.877	ug/l	100
44) Trichloroethene	8.865	130	120552	49.491	ug/l	100
45) 1,2-Dichloropropane	9.140	63	114250	49.313	ug/l	100
46) Dibromomethane	9.231	93	60782	49.642	ug/l	100
47) Bromodichloromethane	9.420	83	166333	50.291	ug/l	100
48) Methyl methacrylate	9.219	41	72602	50.709	ug/l	100
49) 1,4-Dioxane	9.231	88	14069	1001.939	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	393979	247.835	ug/l	100
52) Toluene	10.170	92	307082	49.846	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	158536	51.442	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	185696	50.849	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	79837	49.318	ug/l	100
56) Ethyl methacrylate	10.438	69	121030	51.535	ug/l	100
57) 1,3-Dichloropropane	10.713	76	146053	50.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	226061	228.767	ug/l	100
59) 2-Hexanone	10.761	43	261334	256.048	ug/l	100
60) Dibromochloromethane	10.908	129	110597	51.085	ug/l	100
61) 1,2-Dibromoethane	11.011	107	75811	50.346	ug/l	100
64) Tetrachloroethene	10.645	164	105939	48.065	ug/l	100
65) Chlorobenzene	11.438	112	322053	49.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	111060	49.571	ug/l	100
67) Ethyl Benzene	11.517	91	598896	49.546	ug/l	100
68) m/p-Xylenes	11.627	106	446771	99.408	ug/l	100
69) o-Xylene	11.956	106	210499	50.198	ug/l	100
70) Styrene	11.968	104	351858	50.222	ug/l	100
71) Bromoform	12.133	173	63198	50.171	ug/l #	100
73) Isopropylbenzene	12.255	105	566646	49.914	ug/l	100
74) N-amyl acetate	12.072	43	138830	52.254	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	92349	50.115	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	122382	91.339	ug/l #	100
77) Bromobenzene	12.529	156	123256	49.842	ug/l	100
78) n-propylbenzene	12.596	91	687319	50.251	ug/l	100
79) 2-Chlorotoluene	12.676	91	382511	49.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	463155	50.279	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33360	51.816	ug/l	100
82) 4-Chlorotoluene	12.779	91	397958	49.848	ug/l	100
83) tert-Butylbenzene	12.999	119	418182	50.127	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	459974	50.907	ug/l	100
85) sec-Butylbenzene	13.176	105	610142	50.301	ug/l	100
86) p-Isopropyltoluene	13.291	119	509445	50.941	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	242502	49.677	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	238266	49.281	ug/l	100
89) n-Butylbenzene	13.614	91	487742	51.461	ug/l	100
90) Hexachloroethane	13.883	117	99360	50.134	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	208977	49.409	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14740	49.268	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	131852	51.538	ug/l	100
94) Hexachlorobutadiene	15.029	225	85490	51.117	ug/l	100
95) Naphthalene	15.145	128	229979	52.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	112349	51.976	ug/l	100

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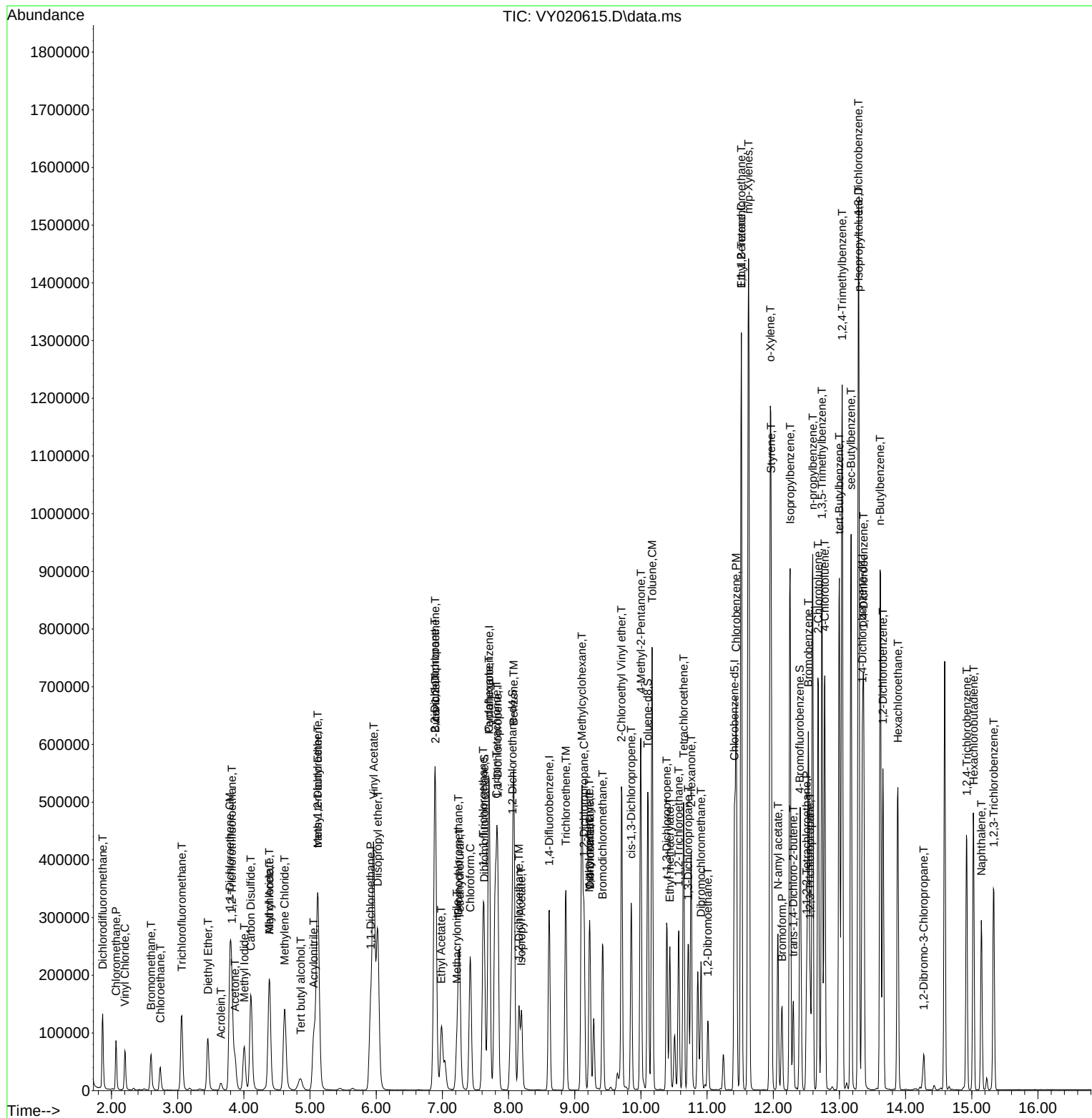
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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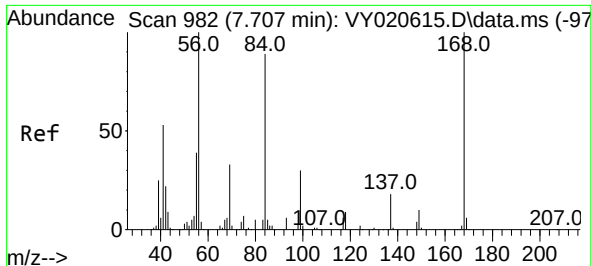
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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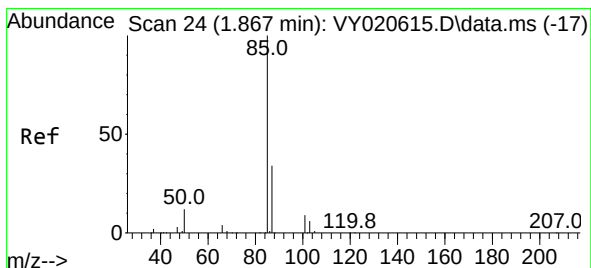
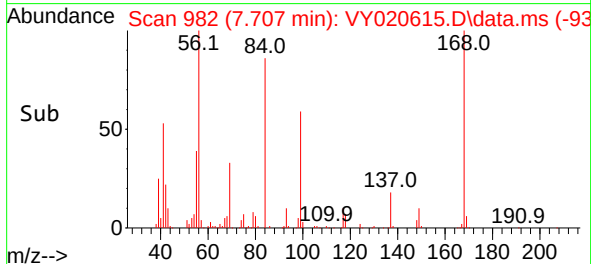
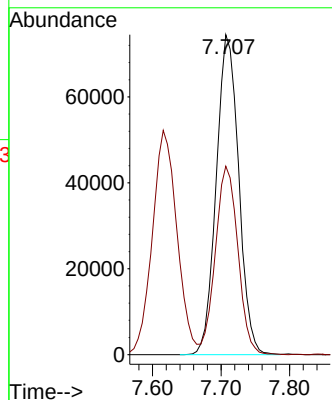
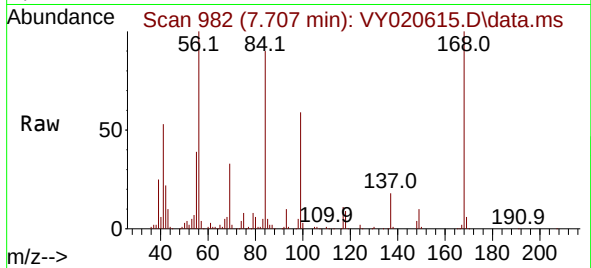




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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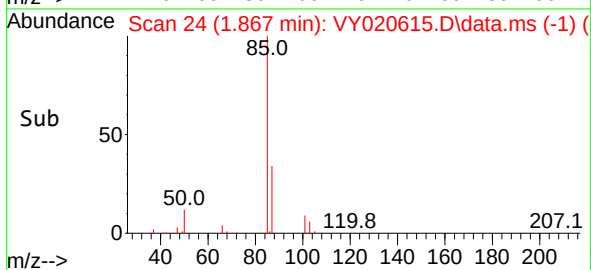
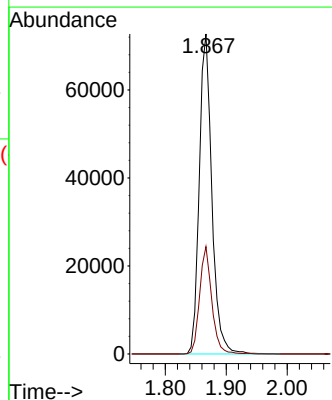
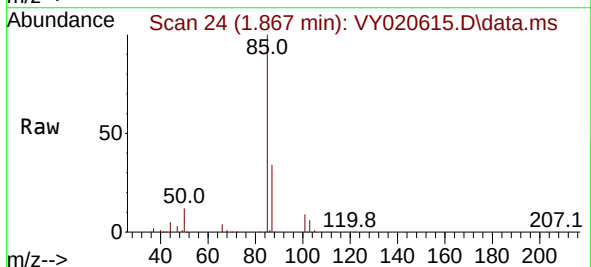
Instrument :
MSVOA_Y
ClientSampleId :

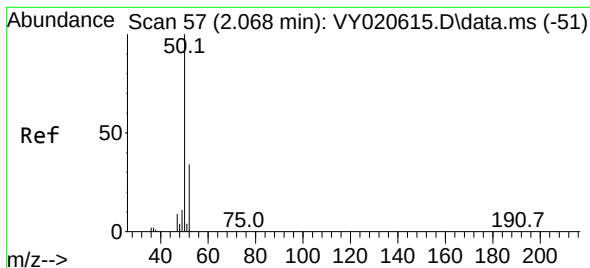
Tgt Ion:168 Resp: 169292
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 49.416 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 85 Resp: 104493
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3





#3

Chloromethane

Concen: 46.229 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

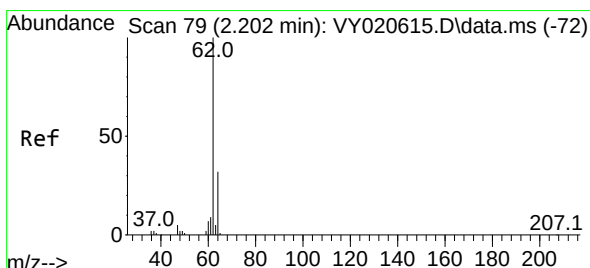
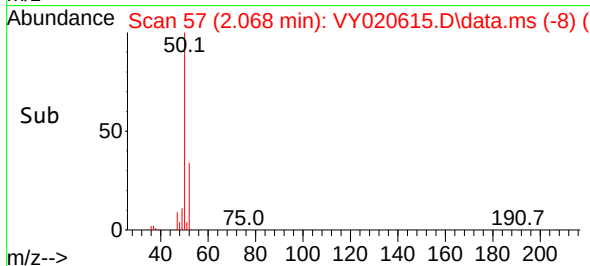
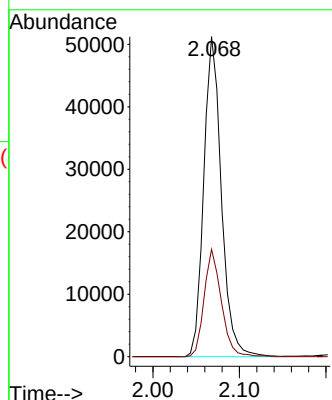
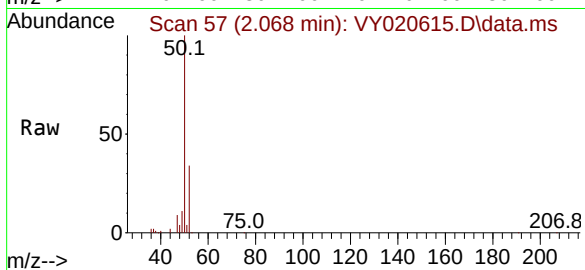
ClientSampleId :

Tgt Ion: 50 Resp: 72429

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 43.031 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.000 min

Lab File: VY020615.D

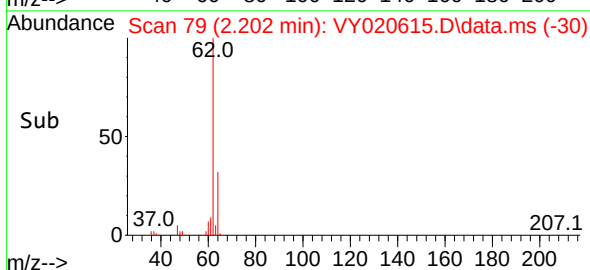
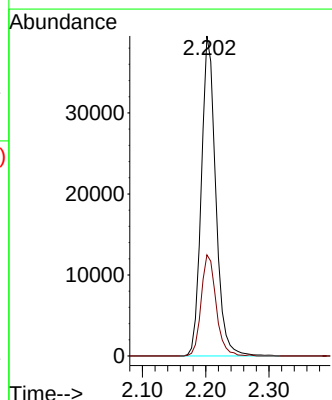
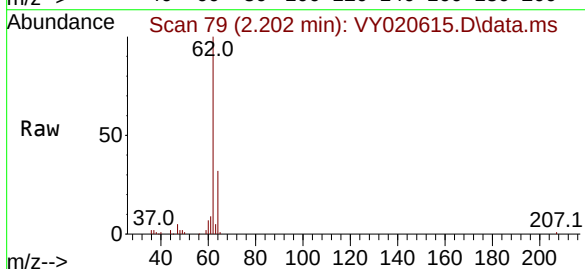
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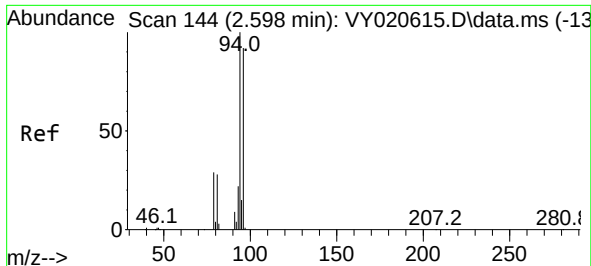
Tgt Ion: 62 Resp: 62750

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9

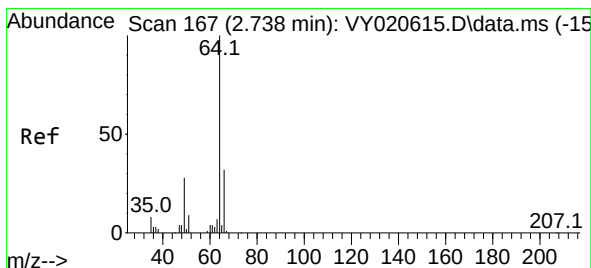
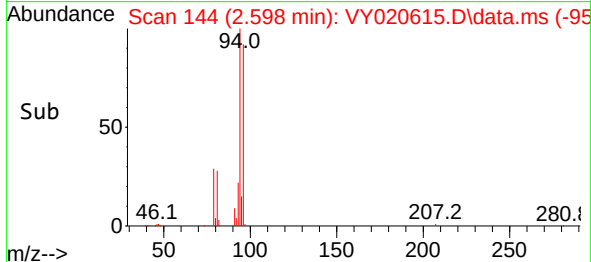
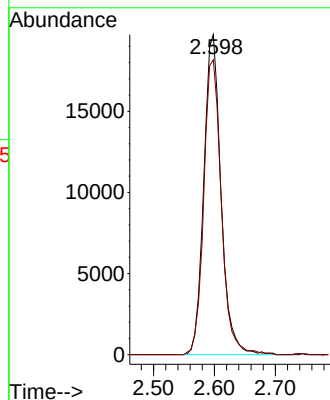
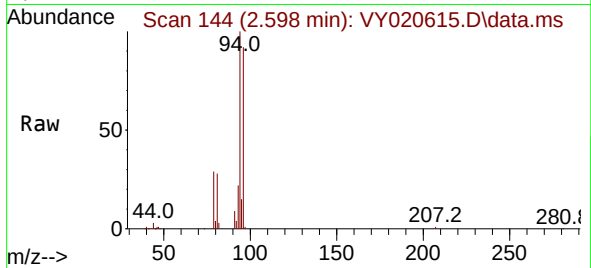




#5
Bromomethane
Concen: 41.303 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020615.D
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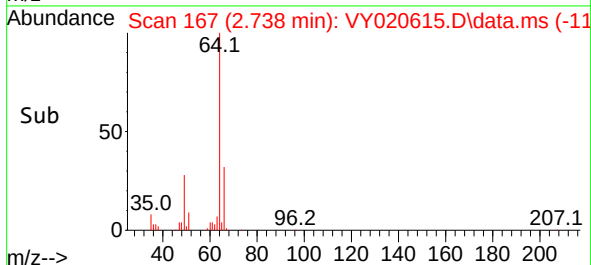
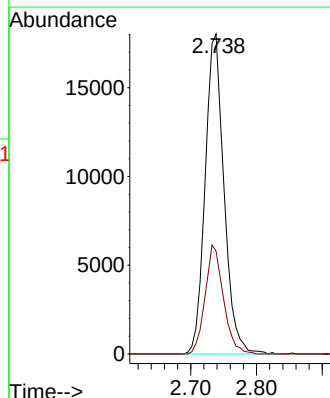
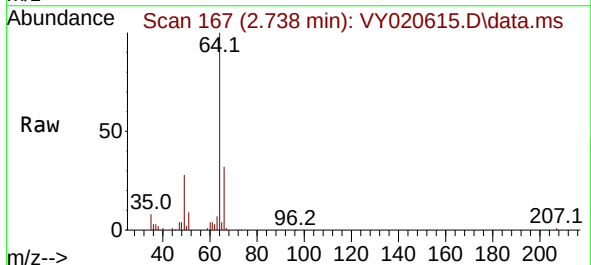
Instrument :
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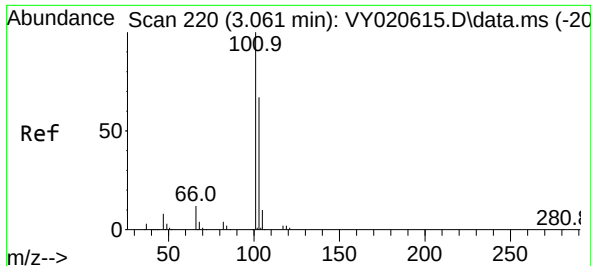
Tgt Ion: 94 Resp: 38716
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.6



#6
Chloroethane
Concen: 39.890 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 64 Resp: 35946
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

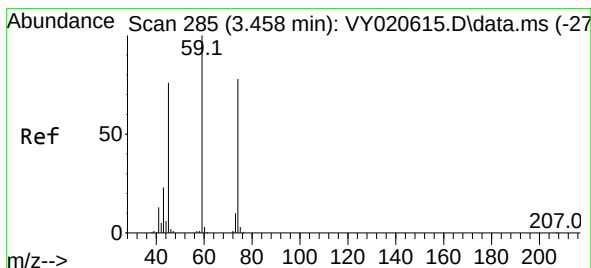
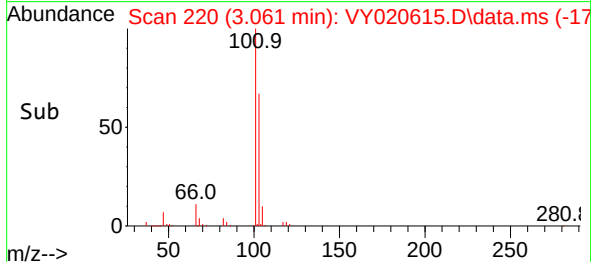
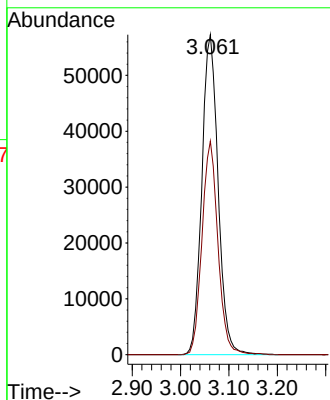
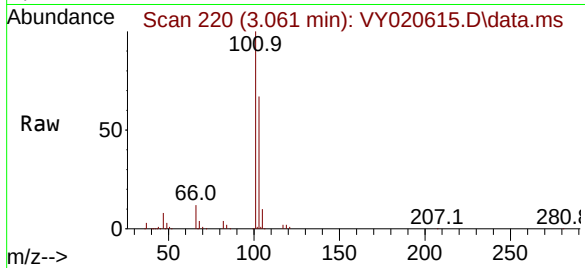




#7
 Trichlorofluoromethane
 Concen: 43.913 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020615.D
 Acq: 17 Dec 2024 10:51

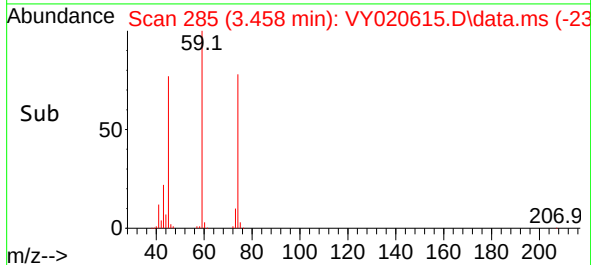
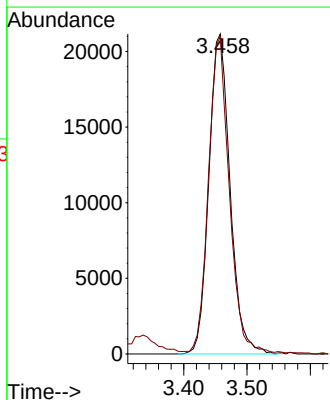
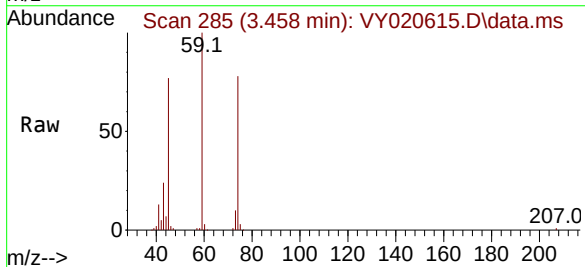
Instrument :
 MSVOA_Y
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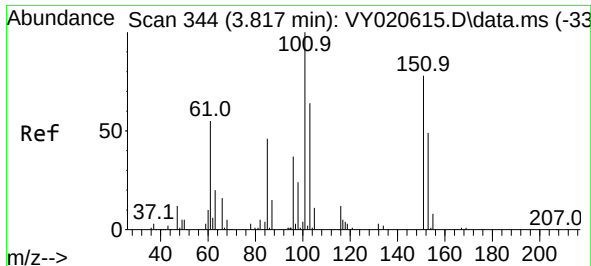
Tgt Ion:101 Resp: 133990
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.4 80.0



#8
 Diethyl Ether
 Concen: 45.993 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020615.D
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Tgt Ion: 74 Resp: 49218
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.0 147.2

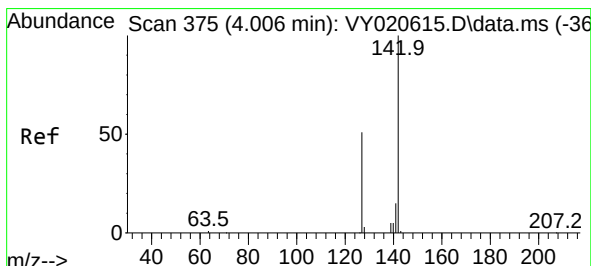
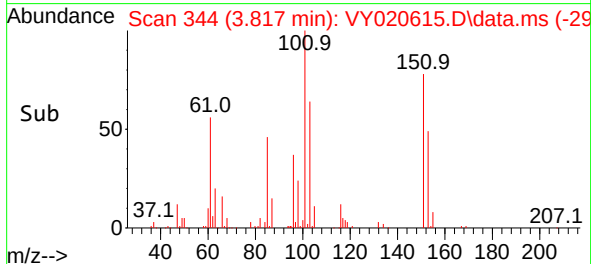
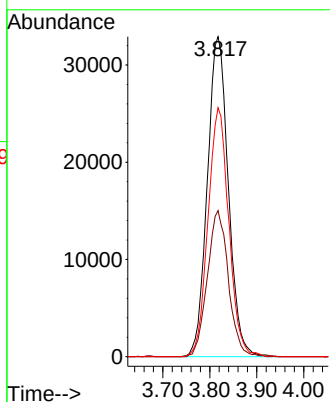
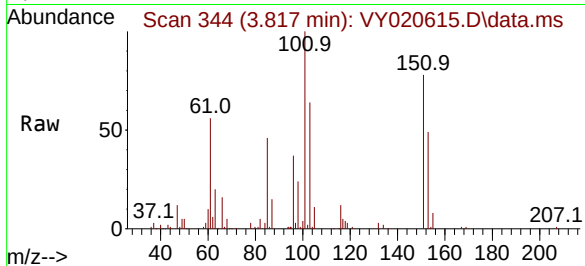




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.710 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

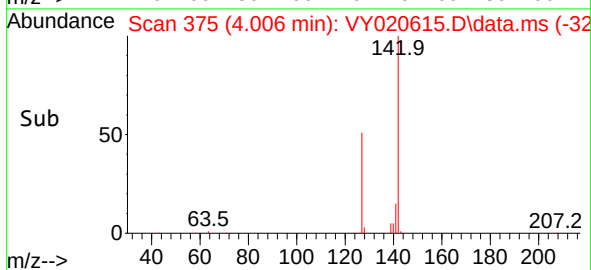
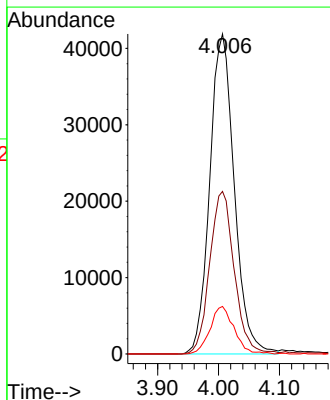
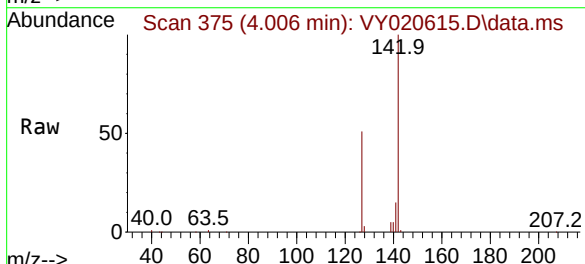
Instrument :
MSVOA_Y
ClientSampleId :

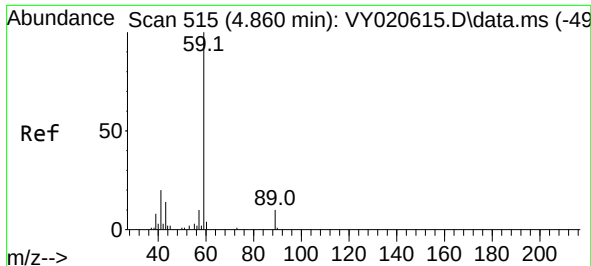
Tgt Ion:101 Resp: 102158
Ion Ratio Lower Upper
101 100
85 45.7 36.6 54.8
151 76.9 61.5 92.3



#10
Methyl Iodide
Concen: 48.135 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:142 Resp: 117209
Ion Ratio Lower Upper
142 100
127 50.8 40.6 61.0
141 14.6 11.7 17.5

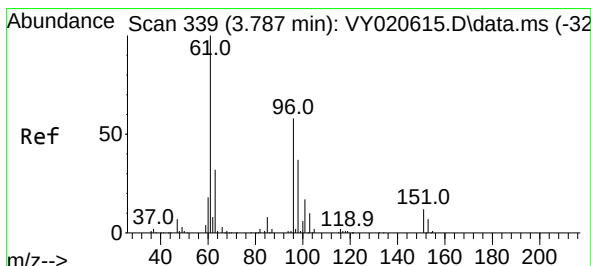
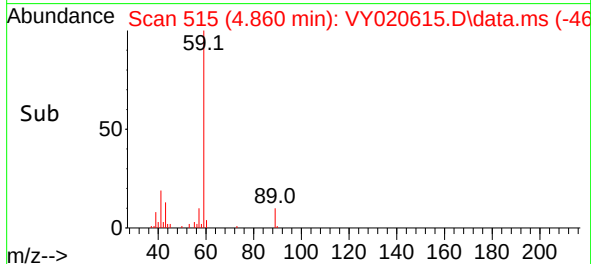
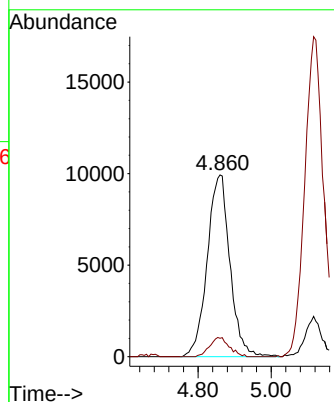
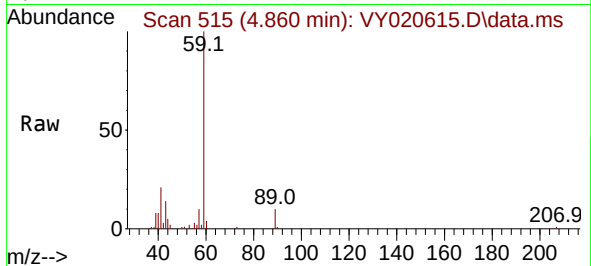




#11
Tert butyl alcohol
Concen: 214.068 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

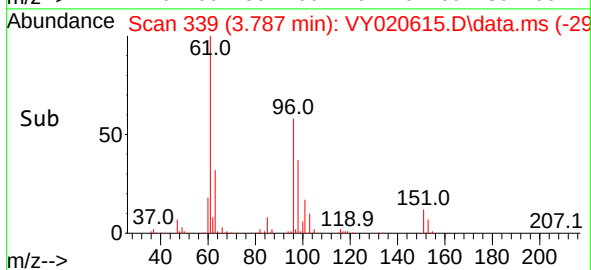
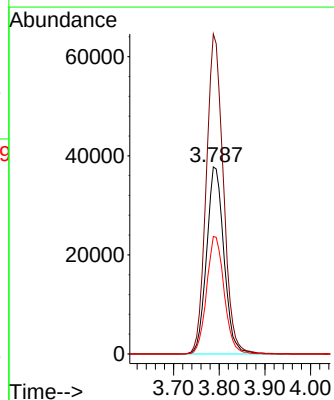
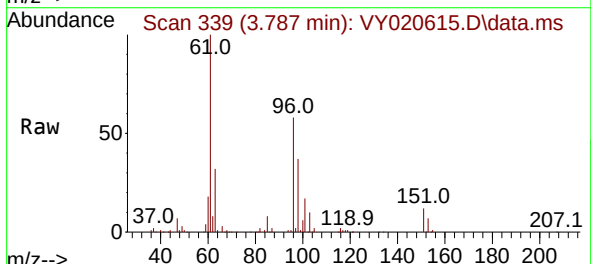
Instrument :
MSVOA_Y
ClientSampleId :

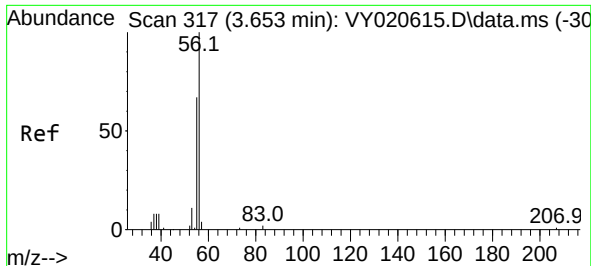
Tgt Ion: 59 Resp: 42756
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.016 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 96 Resp: 99773
Ion Ratio Lower Upper
96 100
61 171.1 136.9 205.3
98 62.8 50.2 75.4

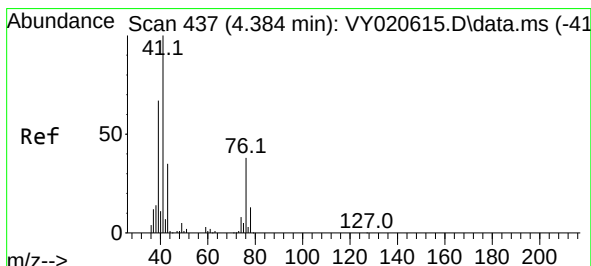
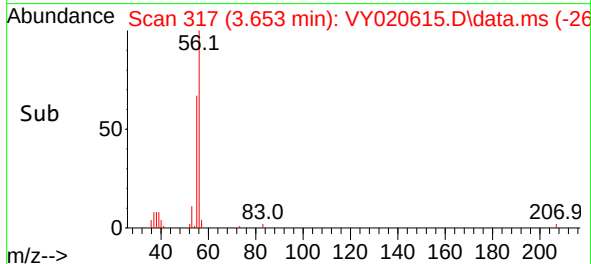
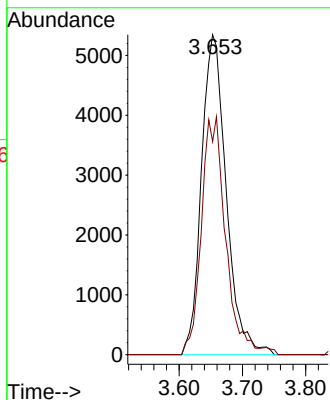
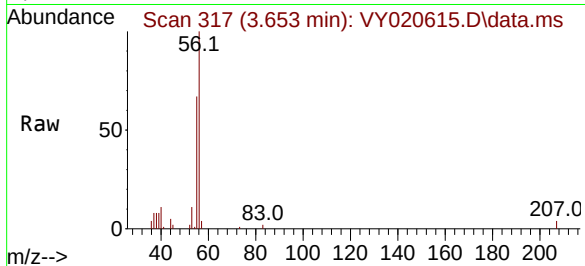




#13
Acrolein
Concen: 166.258 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

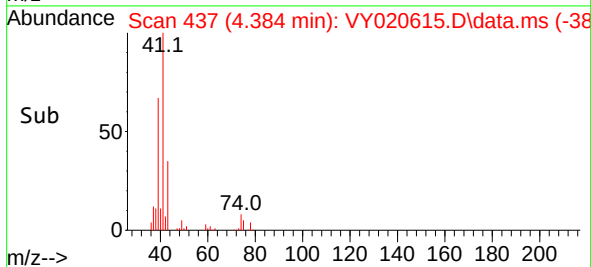
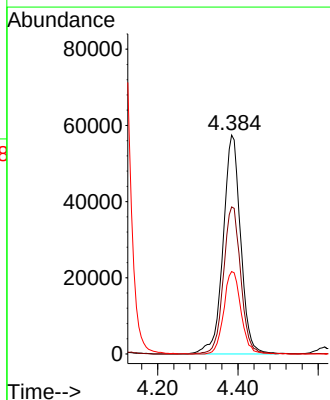
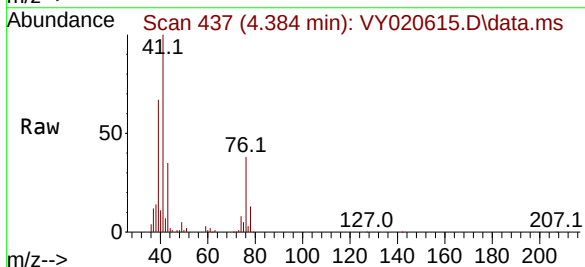
Instrument :
MSVOA_Y
ClientSampleId :

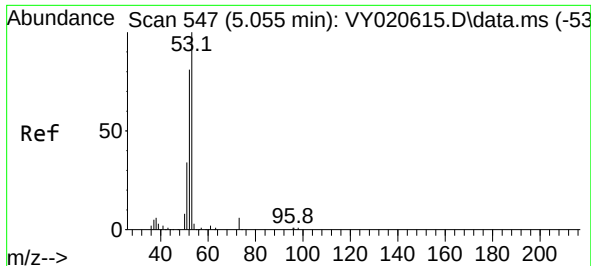
Tgt Ion: 56 Resp: 14576
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 46.780 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

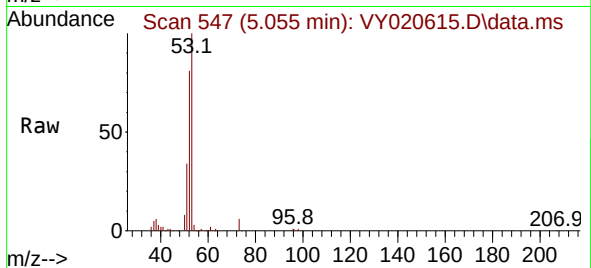
Tgt Ion: 41 Resp: 173951
Ion Ratio Lower Upper
41 100
39 66.2 53.0 79.4
76 36.9 29.5 44.3



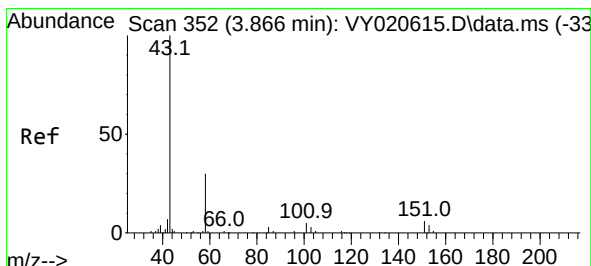
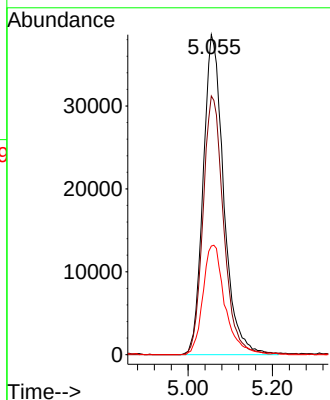
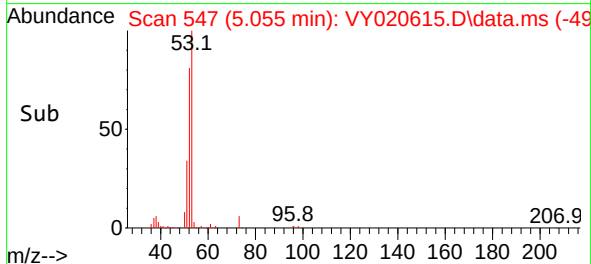


#15
Acrylonitrile
Concen: 255.615 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :

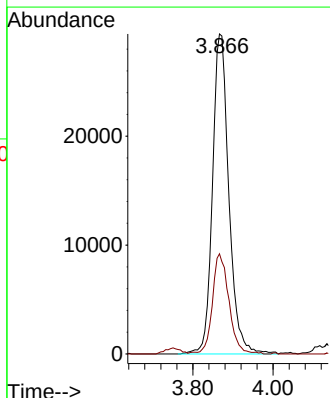
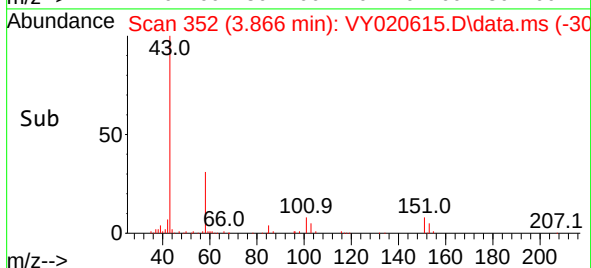
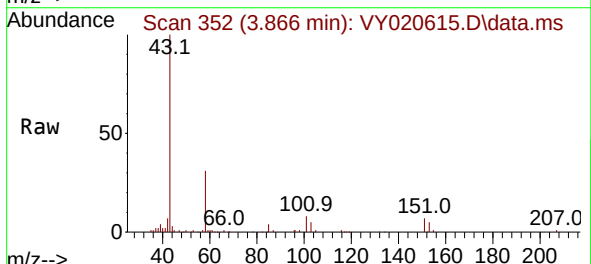


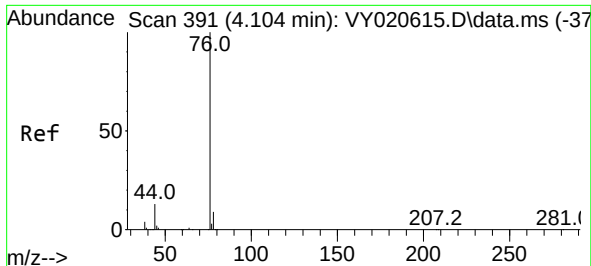
Tgt Ion: 53 Resp: 130861
Ion Ratio Lower Upper
53 100
52 80.6 64.5 96.7
51 36.7 29.4 44.0



#16
Acetone
Concen: 225.255 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 43 Resp: 83206
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.6

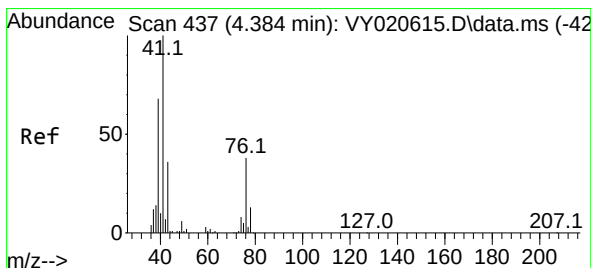
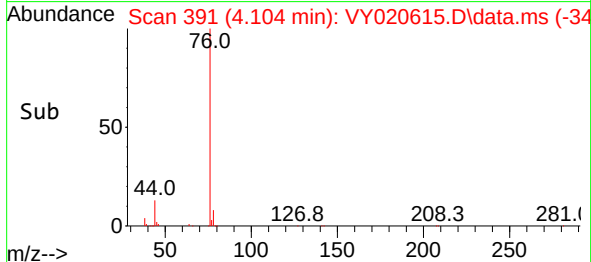
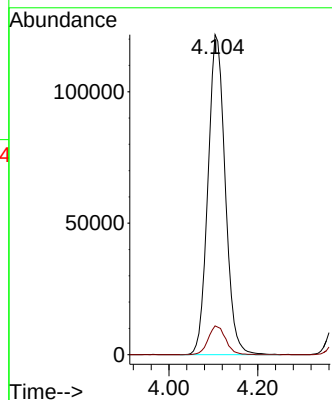
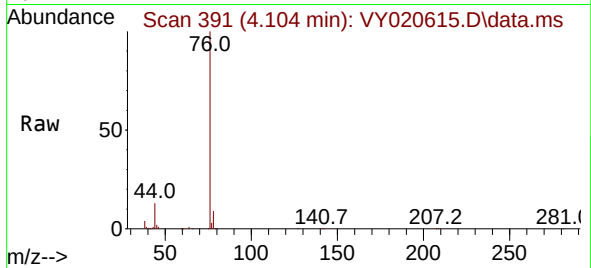




#17
Carbon Disulfide
Concen: 47.529 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

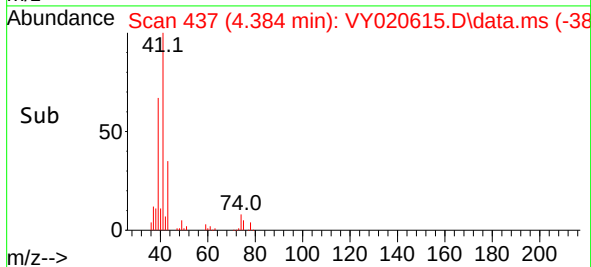
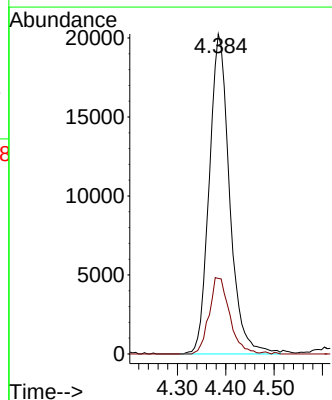
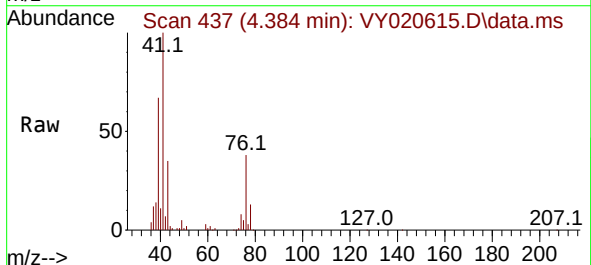
Instrument :
MSVOA_Y
ClientSampleId :

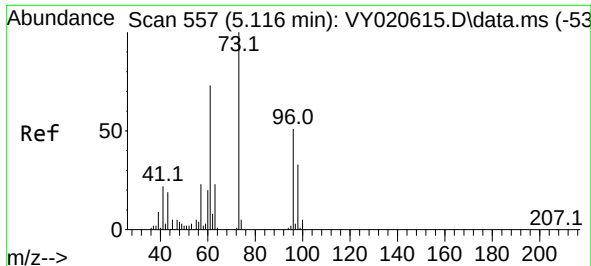
Tgt Ion: 76 Resp: 328309
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 46.948 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 43 Resp: 59224
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 51.414 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

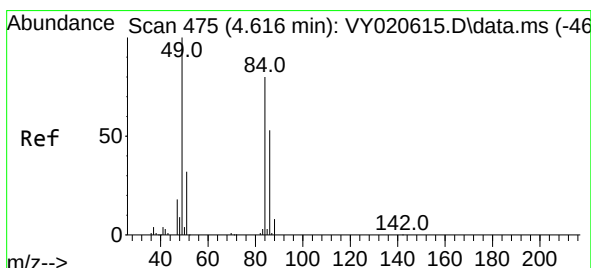
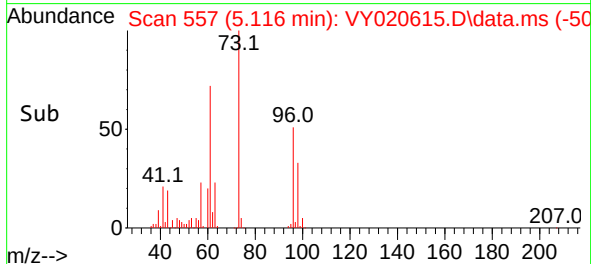
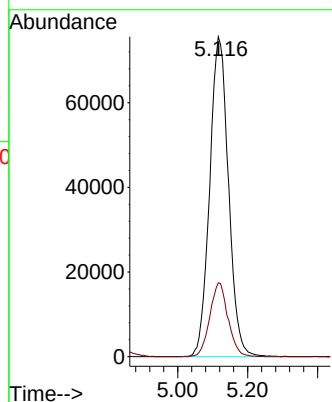
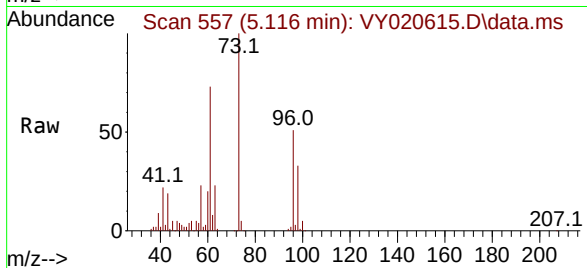
ClientSampleId :

Tgt Ion: 73 Resp: 281609

Ion Ratio Lower Upper

73 100

57 23.1 18.5 27.7



#20

Methylene Chloride

Concen: 45.319 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Tgt Ion: 84 Resp: 104472

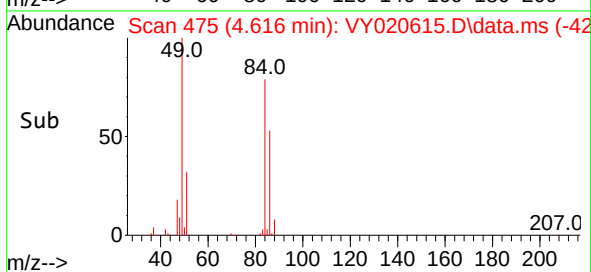
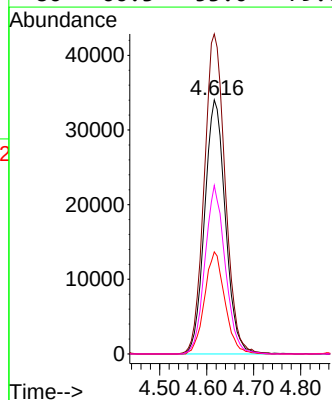
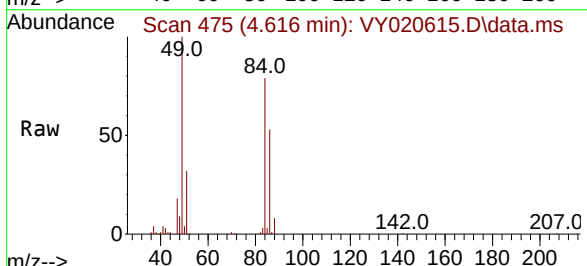
Ion Ratio Lower Upper

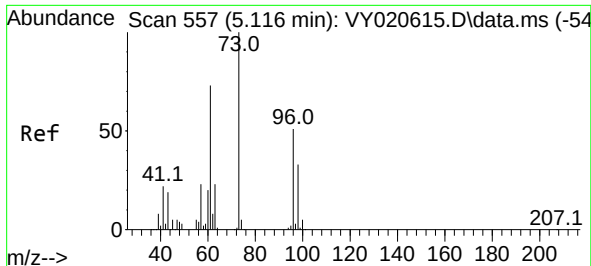
84 100

49 125.9 100.7 151.1

51 40.2 32.2 48.2

86 66.3 53.0 79.6

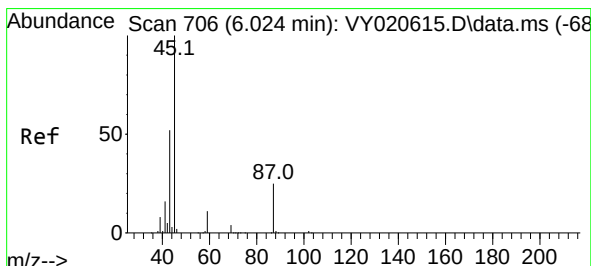
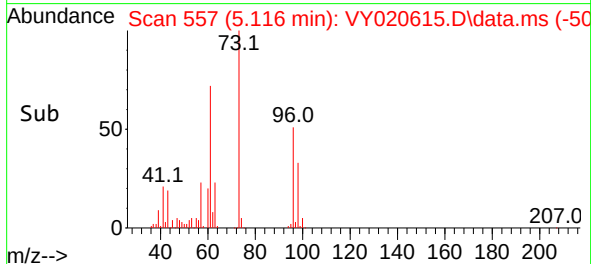
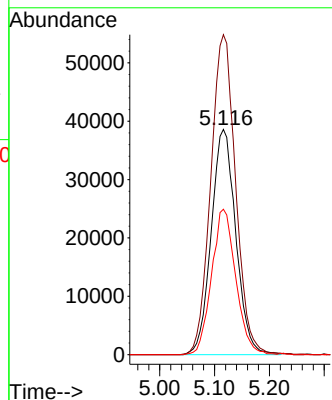
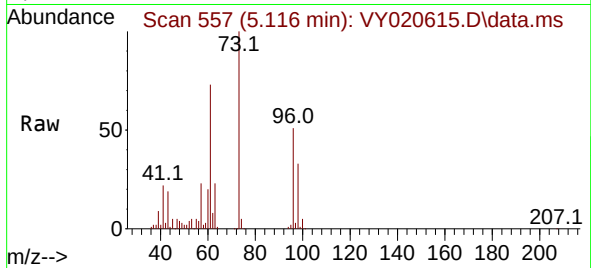




#21
trans-1,2-Dichloroethene
Concen: 50.488 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

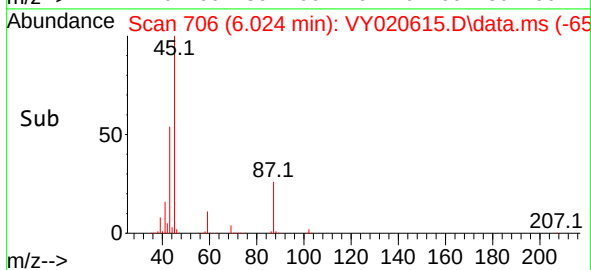
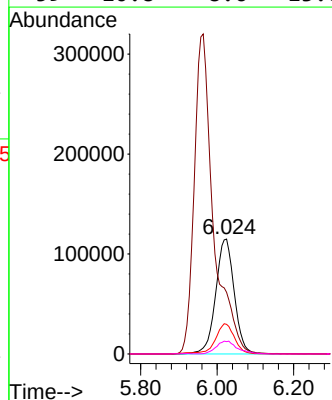
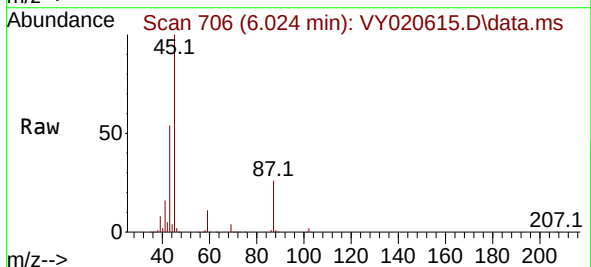
Instrument :
MSVOA_Y
ClientSampleId :

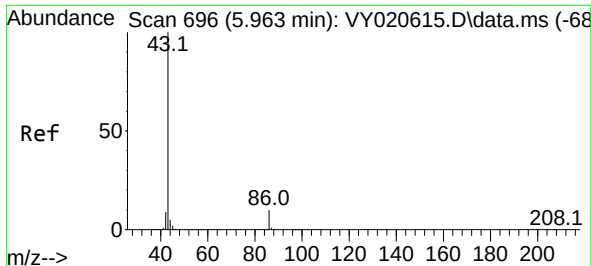
Tgt Ion: 96 Resp: 120184
Ion Ratio Lower Upper
96 100
61 142.1 113.7 170.5
98 64.6 51.7 77.5



#22
Diisopropyl ether
Concen: 51.282 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 45 Resp: 387073
Ion Ratio Lower Upper
45 100
43 53.3 42.6 64.0
87 25.8 20.6 31.0
59 10.8 8.6 13.0

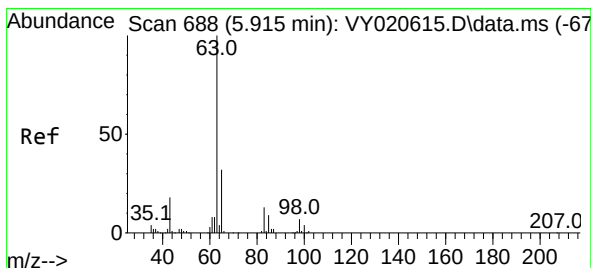
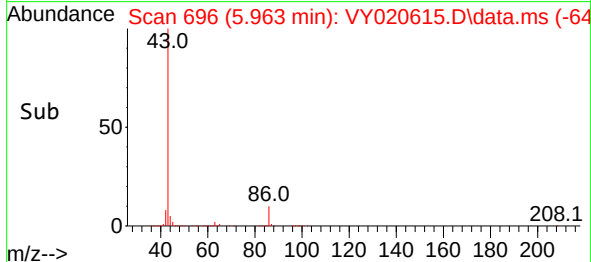
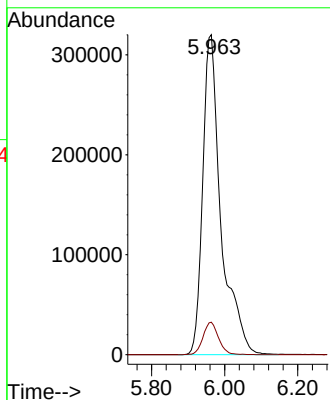
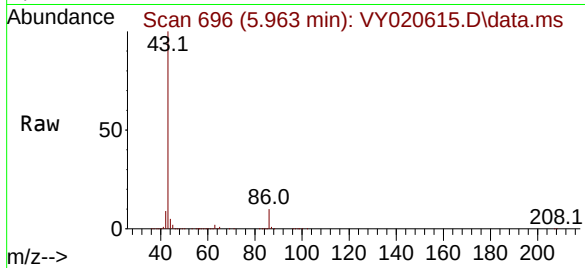




#23
 Vinyl Acetate
 Concen: 260.208 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020615.D
 Acq: 17 Dec 2024 10:51

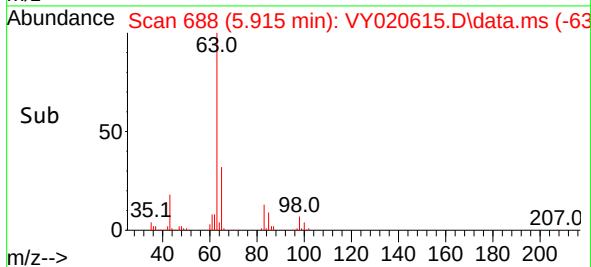
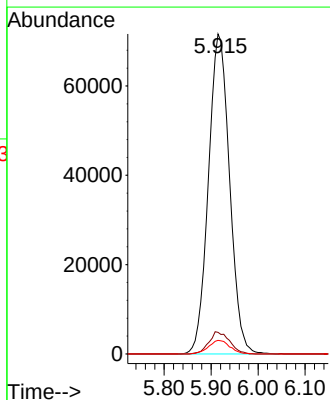
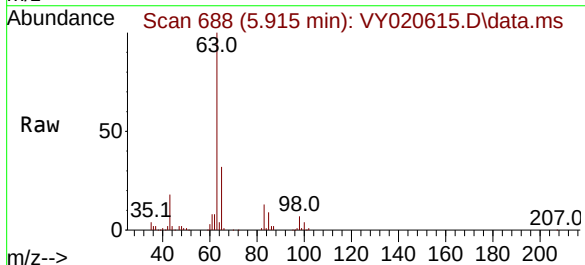
Instrument :
 MSVOA_Y
 ClientSampleId :

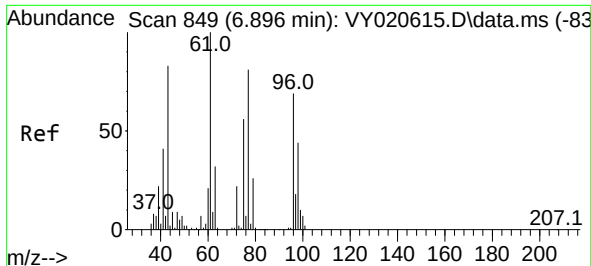
Tgt Ion: 43 Resp: 1112368
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.635 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020615.D
 Acq: 17 Dec 2024 10:51

Tgt Ion: 63 Resp: 223898
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.3 2.1 6.5

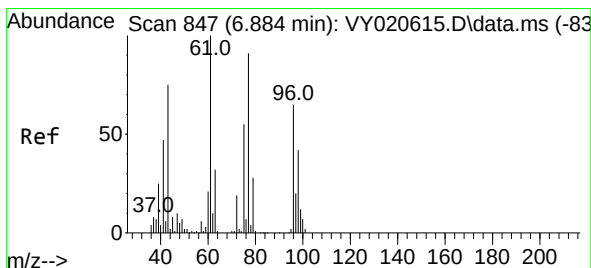
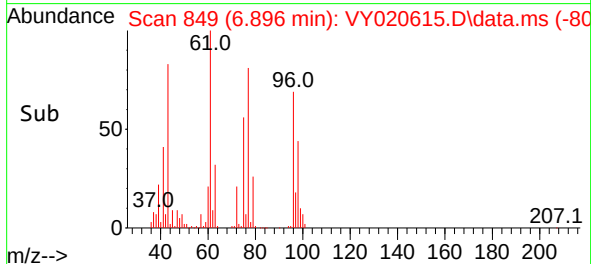
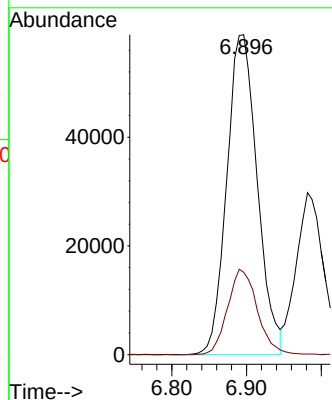
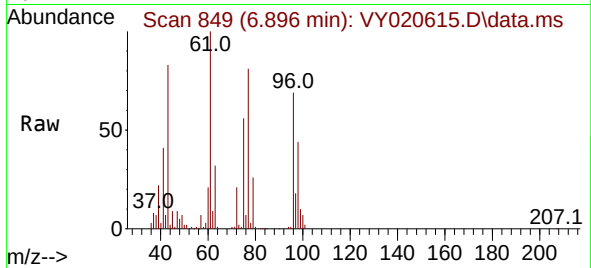




#25
2-Butanone
Concen: 242.593 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

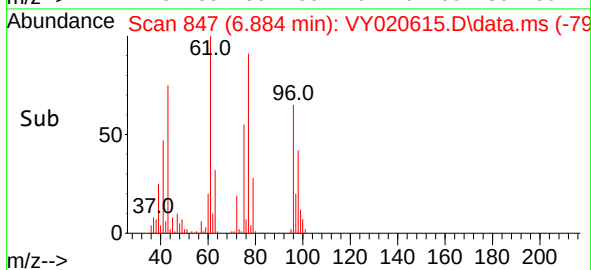
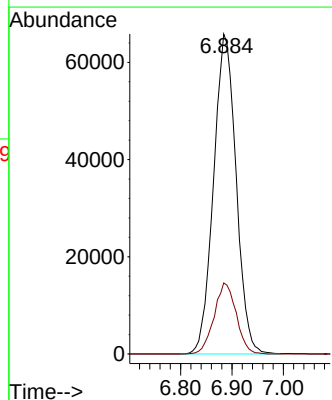
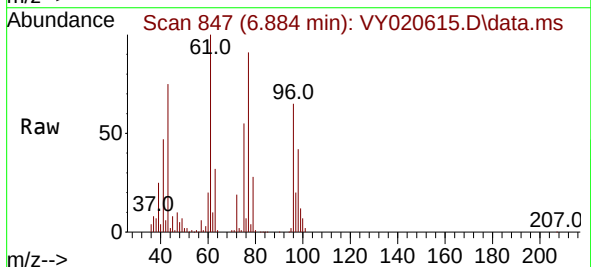
Instrument :
MSVOA_Y
ClientSampleId :

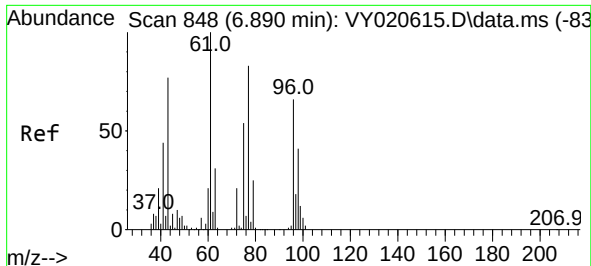
Tgt Ion: 43 Resp: 167158
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 47.951 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 77 Resp: 200438
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 50.490 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

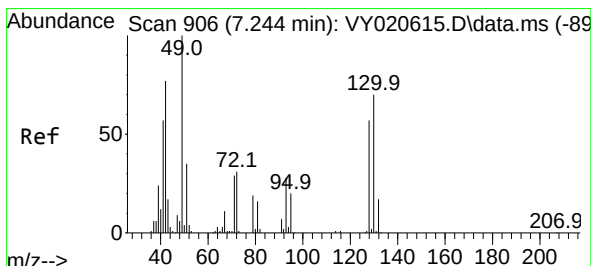
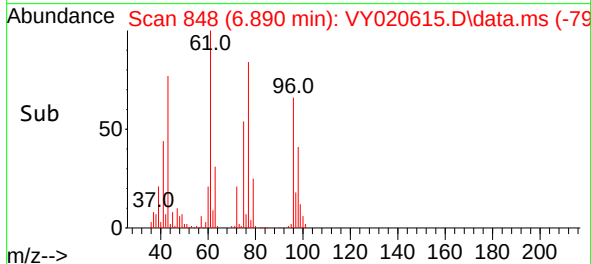
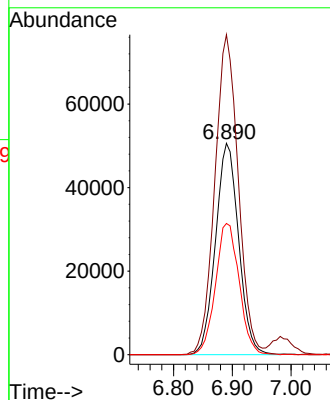
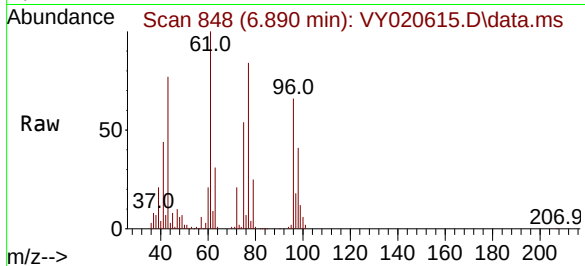
Tgt Ion: 96 Resp: 138280

Ion Ratio Lower Upper

96 100

61 153.1 0.0 306.2

98 63.6 0.0 127.2



#28

Bromochloromethane

Concen: 56.199 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

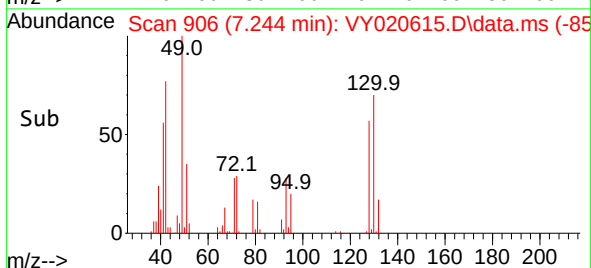
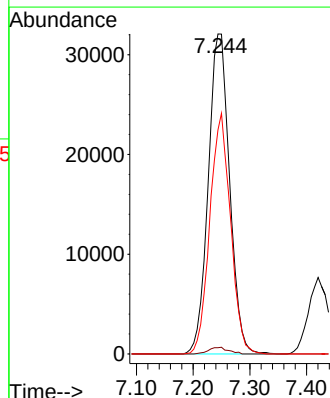
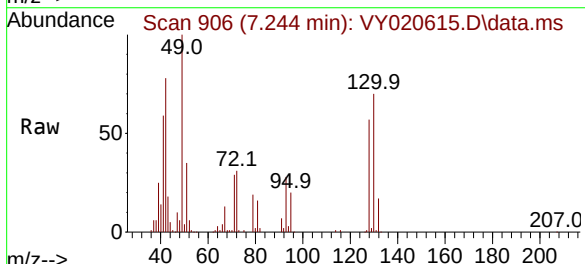
Tgt Ion: 49 Resp: 83821

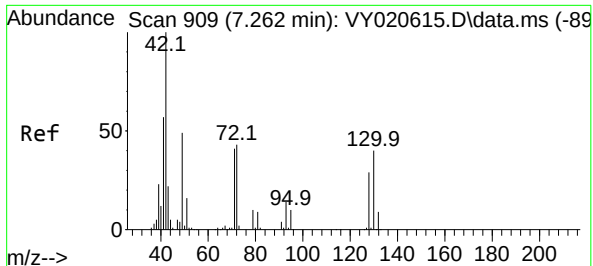
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 72.9 58.3 87.5





#29

Tetrahydrofuran

Concen: 258.011 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

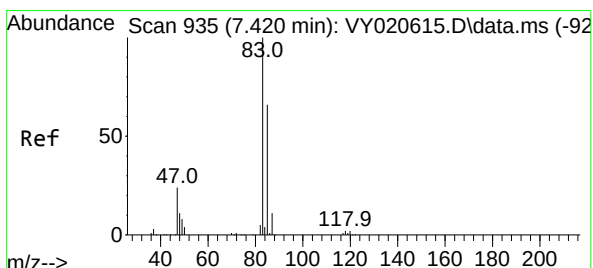
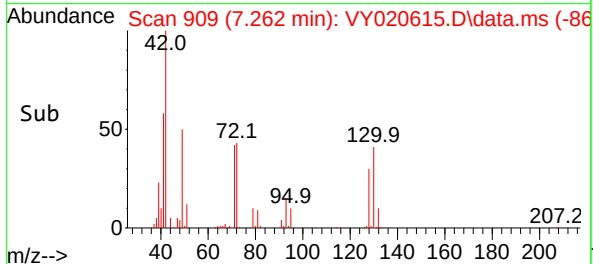
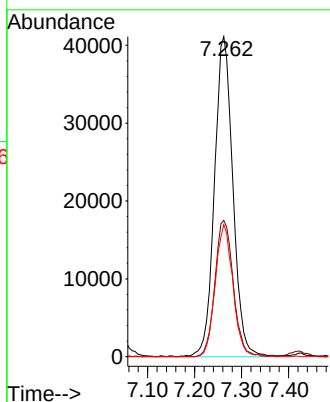
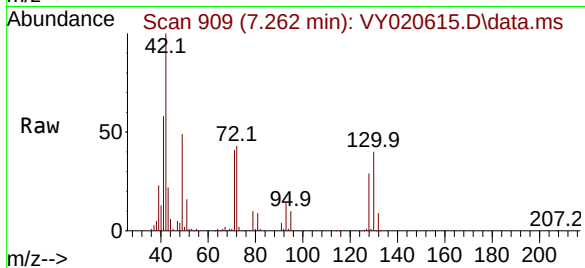
Tgt Ion: 42 Resp: 112230

Ion Ratio Lower Upper

42 100

72 42.5 34.0 51.0

71 39.5 31.6 47.4



#30

Chloroform

Concen: 52.860 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020615.D

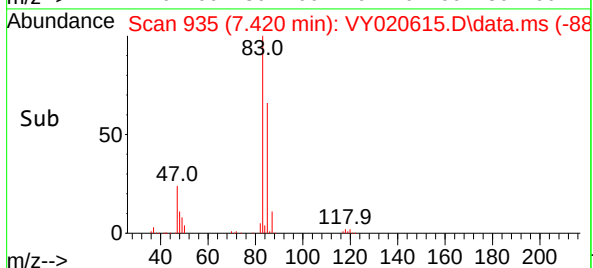
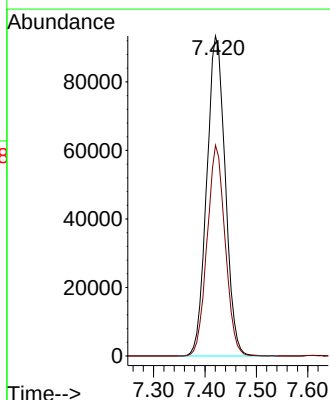
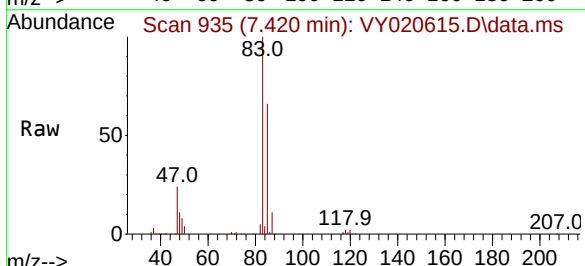
Acq: 17 Dec 2024 10:51

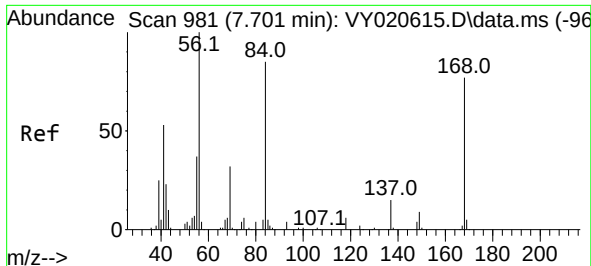
Tgt Ion: 83 Resp: 233357

Ion Ratio Lower Upper

83 100

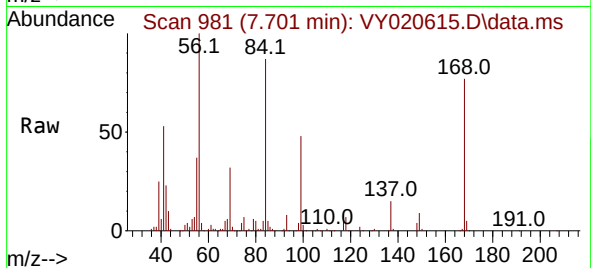
85 65.9 52.7 79.1





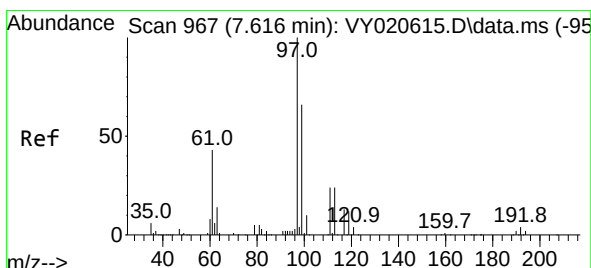
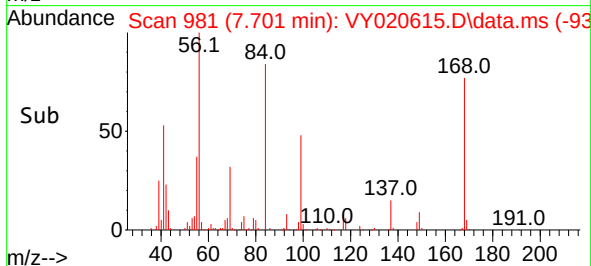
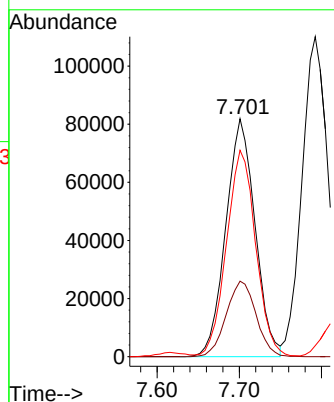
#31
Cyclohexane
Concen: 47.962 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 56 Resp: 202782

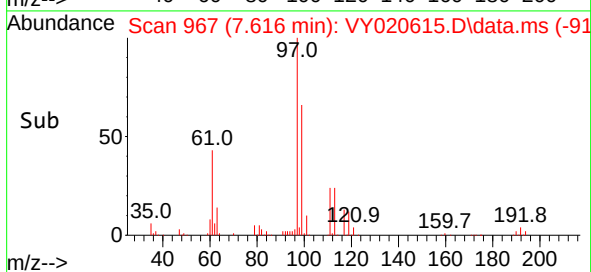
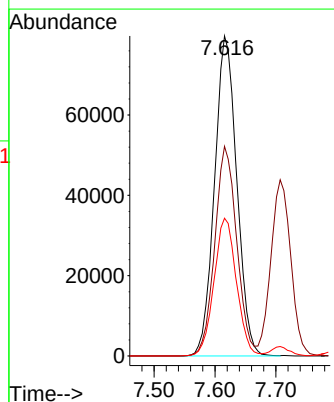
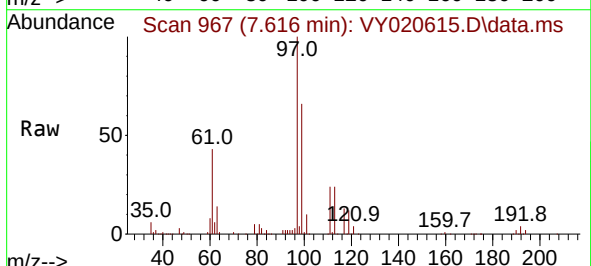
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	85.4	68.3	102.5

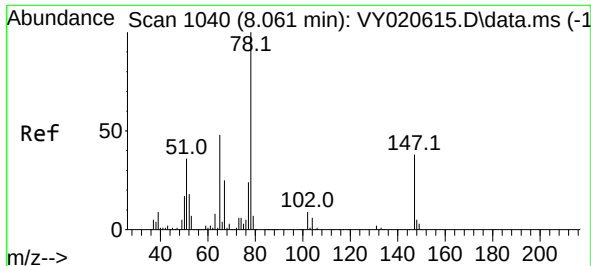


#32
1,1,1-Trichloroethane
Concen: 49.911 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 97 Resp: 202760

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	43.4	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 51.933 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

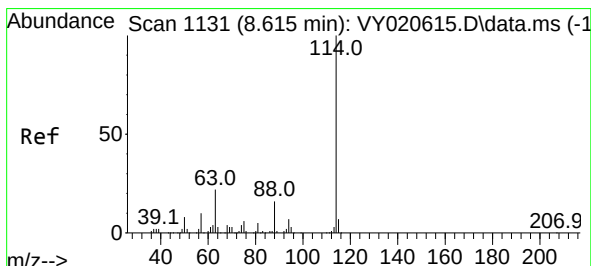
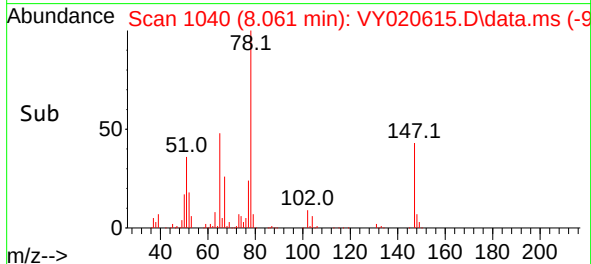
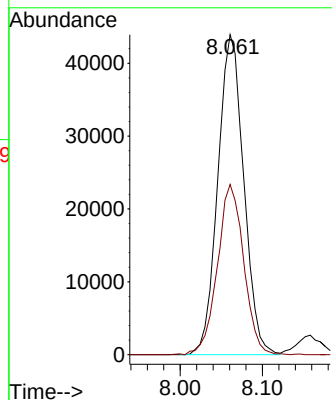
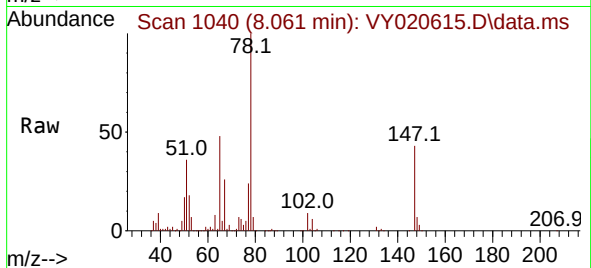
ClientSampleId :

Tgt Ion: 65 Resp: 96289

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

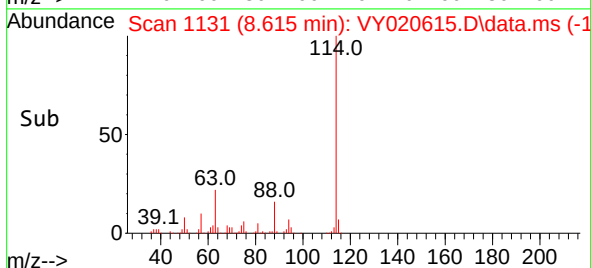
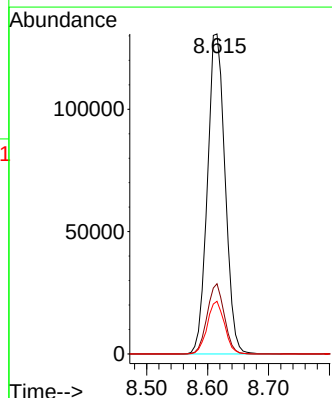
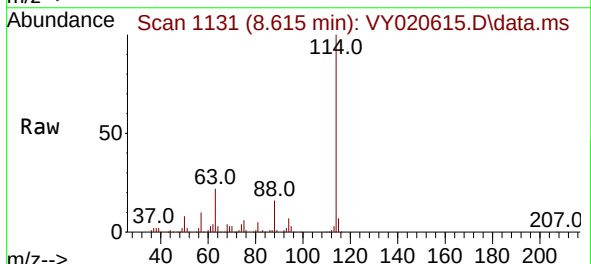
Tgt Ion: 114 Resp: 263162

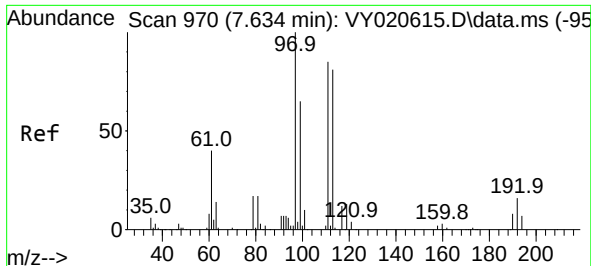
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.4 0.0 32.8

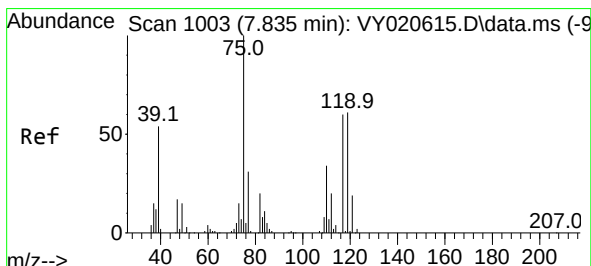
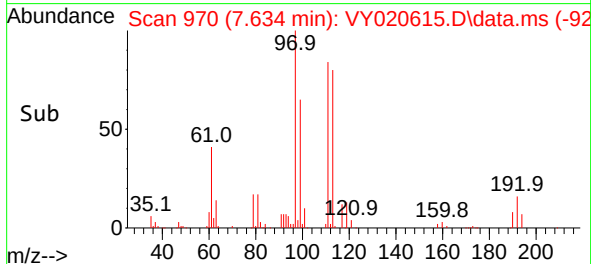
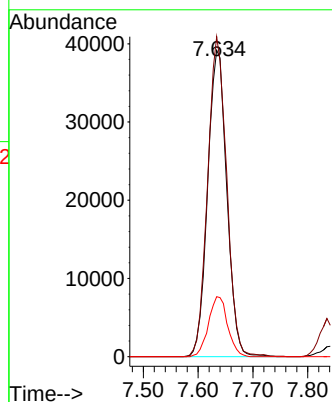
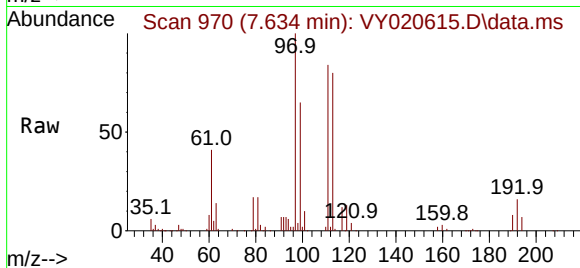




#35
Dibromofluoromethane
Concen: 51.139 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

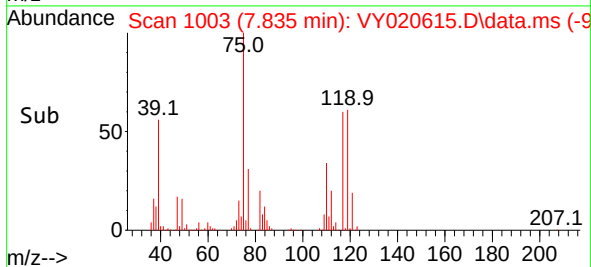
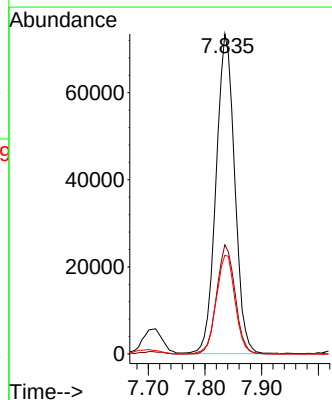
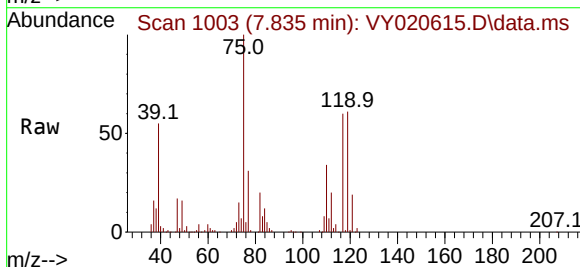
Instrument :
MSVOA_Y
ClientSampleId :

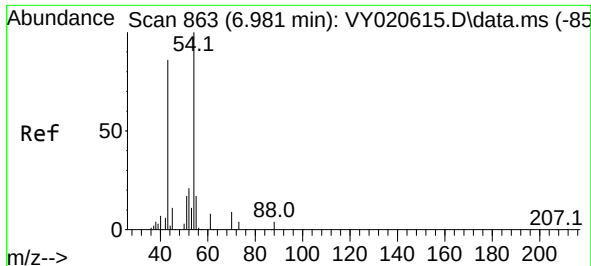
Tgt Ion:113 Resp: 94848
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.6 15.7 23.5



#36
1,1-Dichloropropene
Concen: 49.533 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 75 Resp: 167520
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 31.3 25.0 37.6

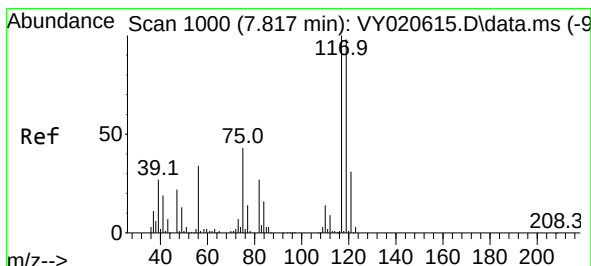
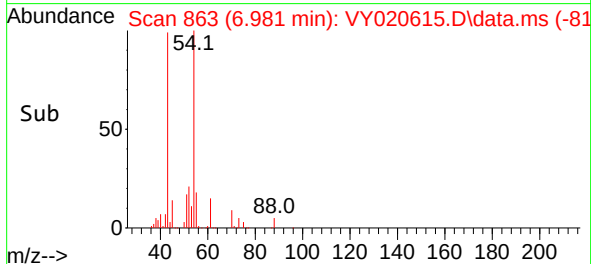
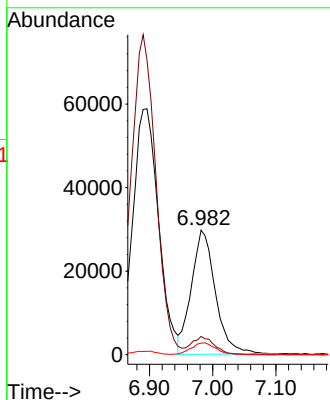
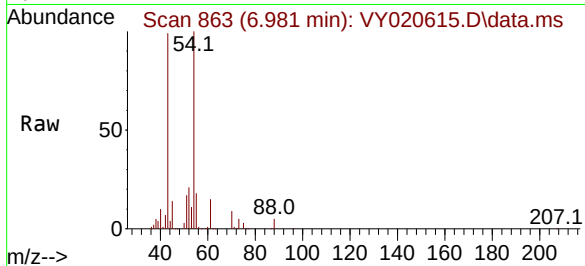




#37
Ethyl Acetate
Concen: 49.275 ug/l
RT: 6.981 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

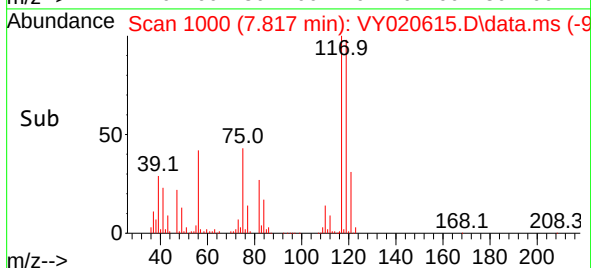
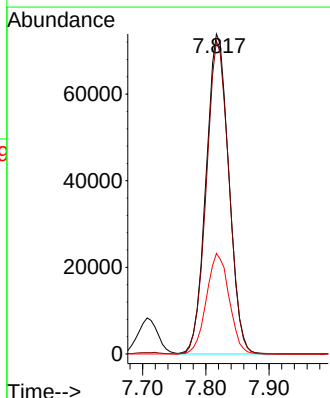
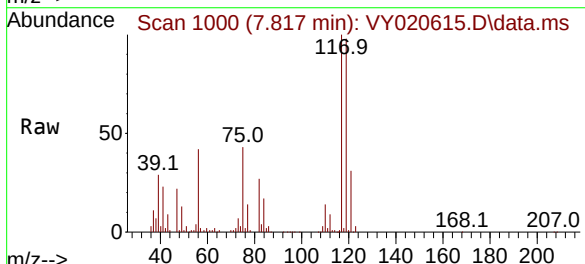
Instrument :
MSVOA_Y
ClientSampleId :

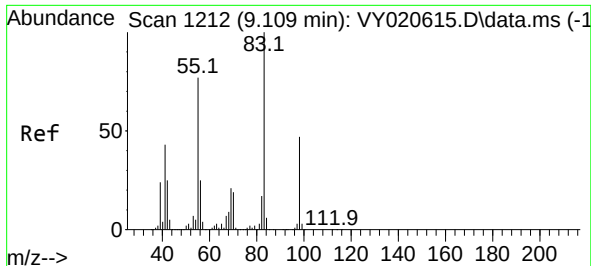
Tgt Ion: 43 Resp: 78387
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.267 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 117 Resp: 184345
Ion Ratio Lower Upper
117 100
119 97.9 78.3 117.5
121 31.4 25.1 37.7





#39

Methylcyclohexane

Concen: 49.696 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

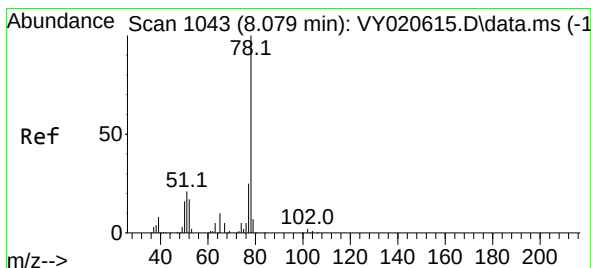
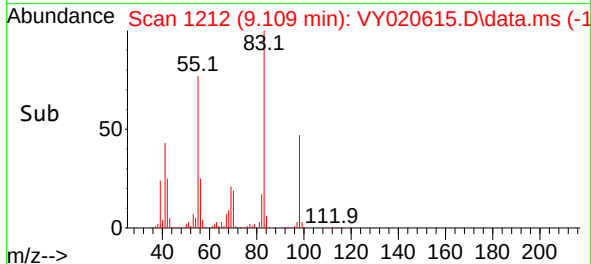
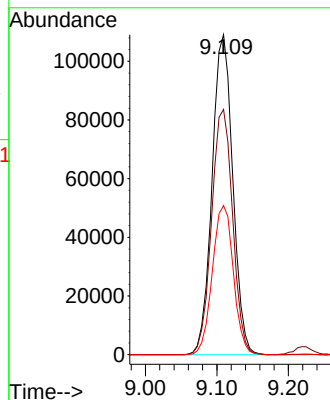
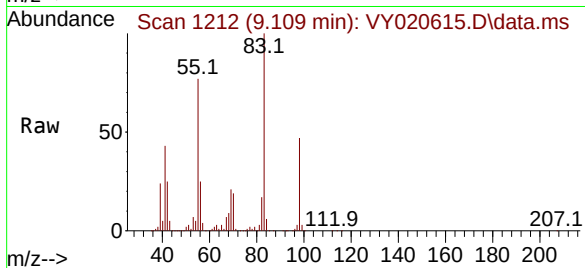
Tgt Ion: 83 Resp: 219055

Ion Ratio Lower Upper

83 100

55 76.7 61.4 92.0

98 46.6 37.3 55.9



#40

Benzene

Concen: 49.343 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020615.D

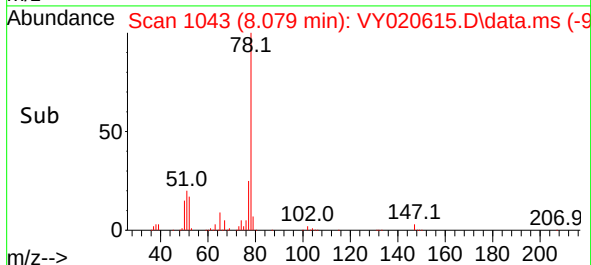
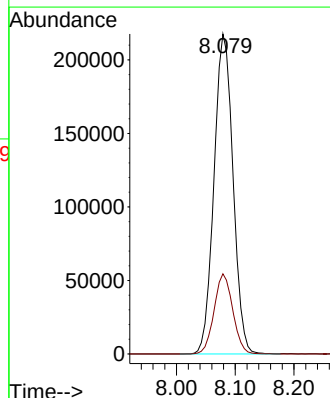
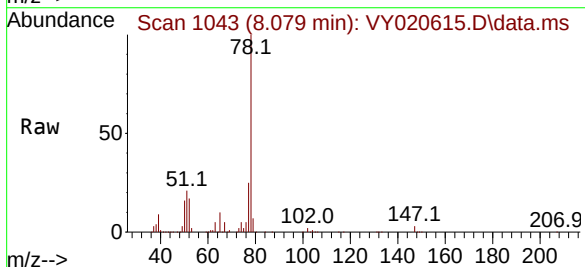
Acq: 17 Dec 2024 10:51

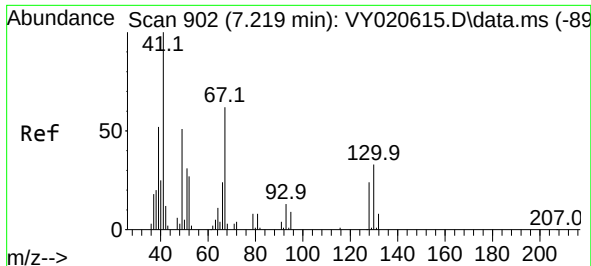
Tgt Ion: 78 Resp: 489140

Ion Ratio Lower Upper

78 100

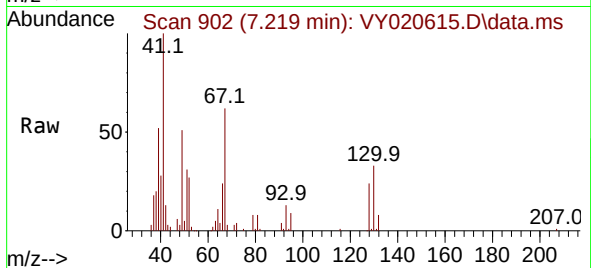
77 25.1 20.1 30.1



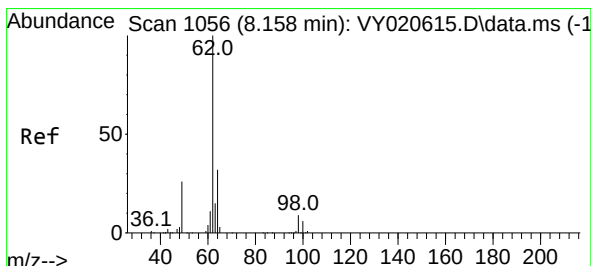
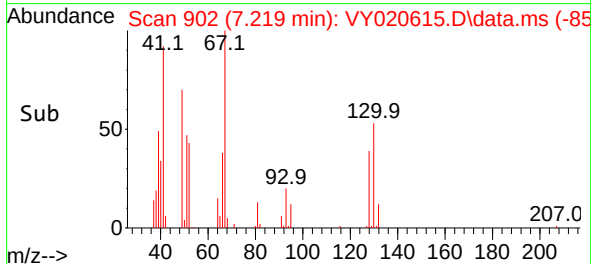
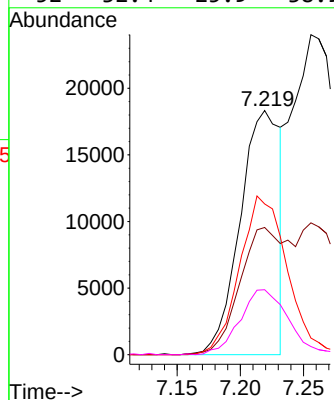


#41
Methacrylonitrile
Concen: 48.191 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :

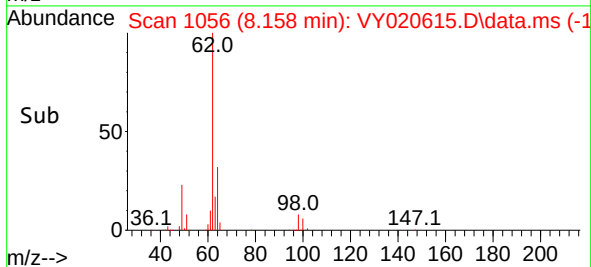
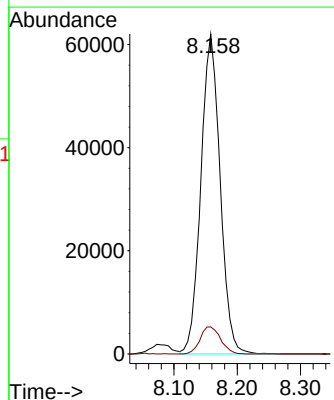
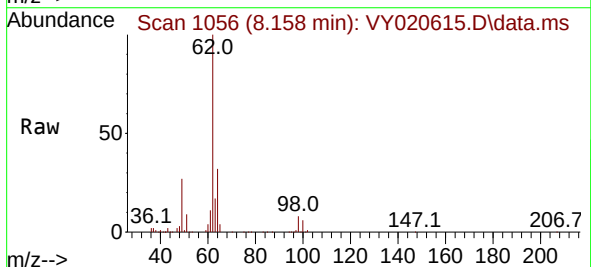


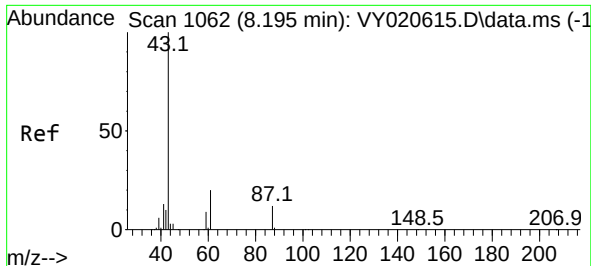
Tgt Ion:	41	Resp:	40529
Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
67	77.5	62.0	93.0
52	32.4	25.9	38.9



#42
1,2-Dichloroethane
Concen: 50.069 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:	62	Resp:	131640
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

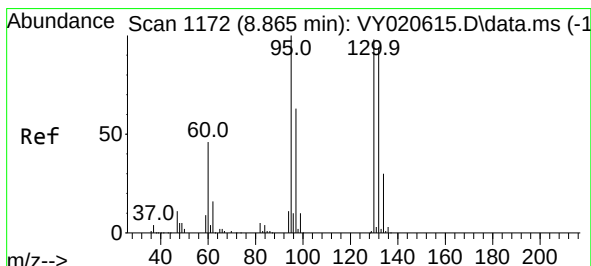
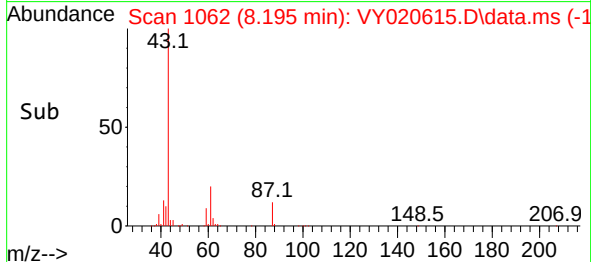
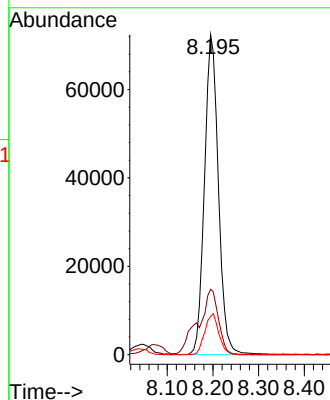
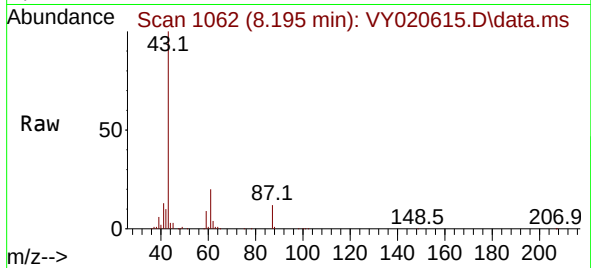




#43
Isopropyl Acetate
Concen: 50.877 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

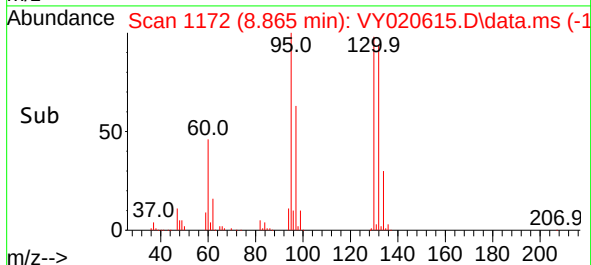
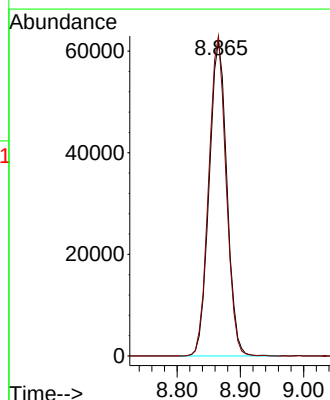
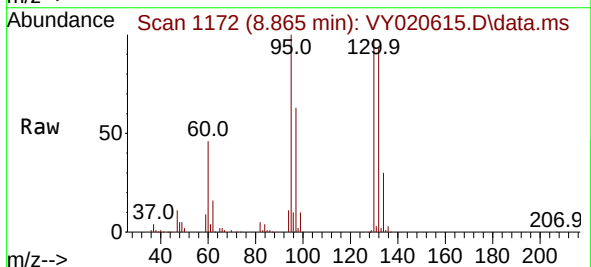
Instrument :
MSVOA_Y
ClientSampleId :

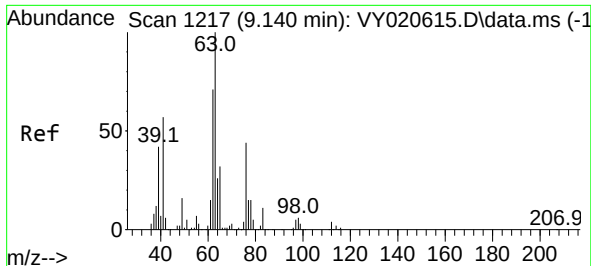
Tgt Ion: 43 Resp: 153226
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.6
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 49.491 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:130 Resp: 120552
Ion Ratio Lower Upper
130 100
95 101.6 0.0 203.2





#45

1,2-Dichloropropane

Concen: 49.313 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

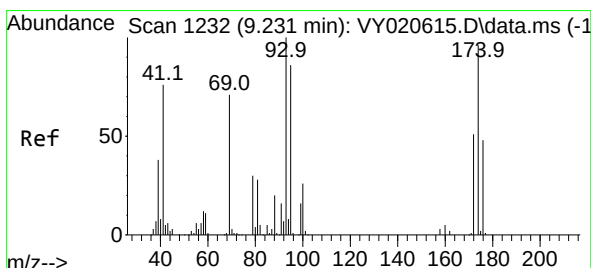
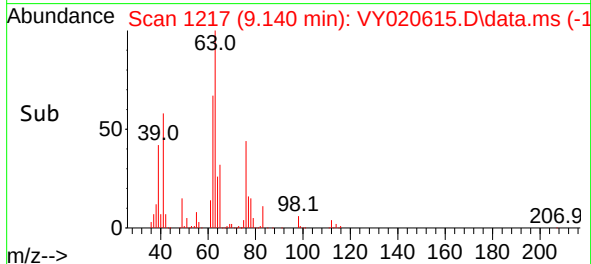
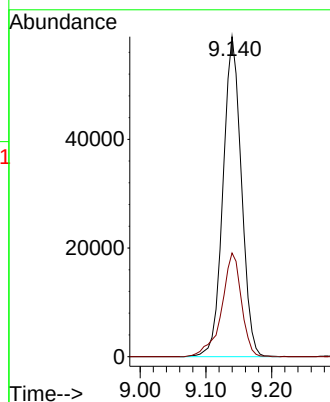
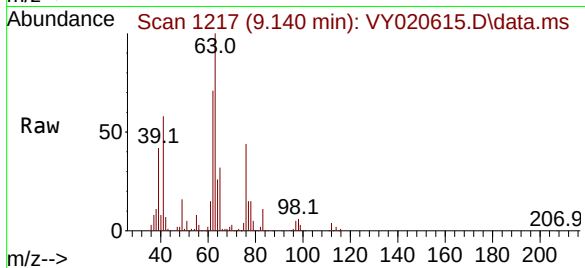
ClientSampleId :

Tgt Ion: 63 Resp: 114250

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9



#46

Dibromomethane

Concen: 49.642 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

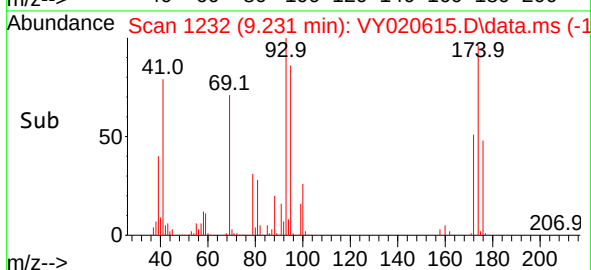
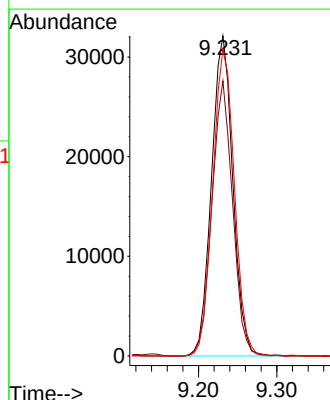
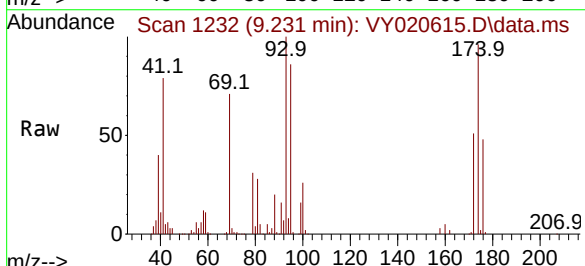
Tgt Ion: 93 Resp: 60782

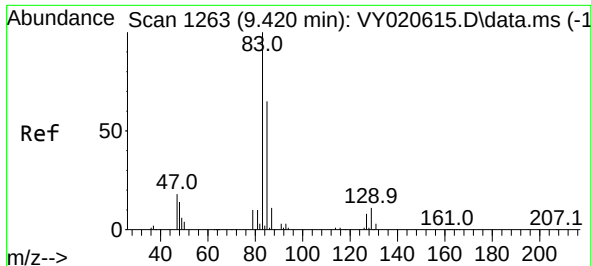
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 97.2 77.8 116.6

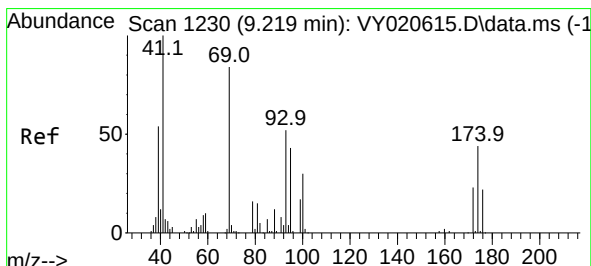
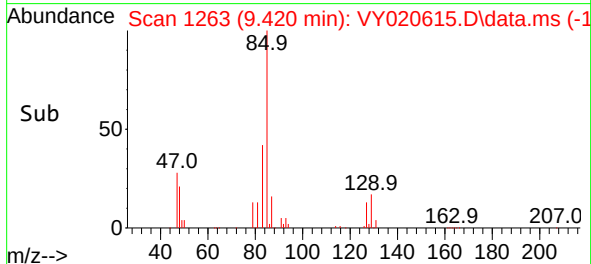
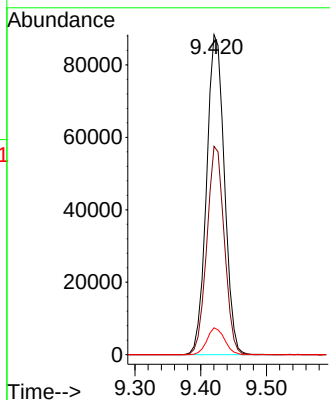
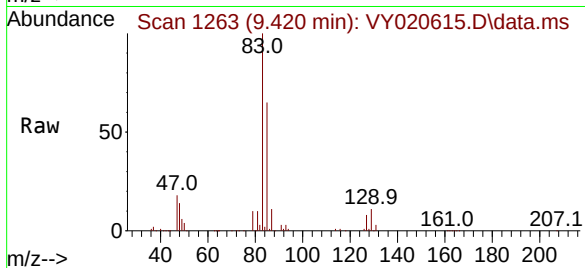




#47
Bromodichloromethane
Concen: 50.291 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

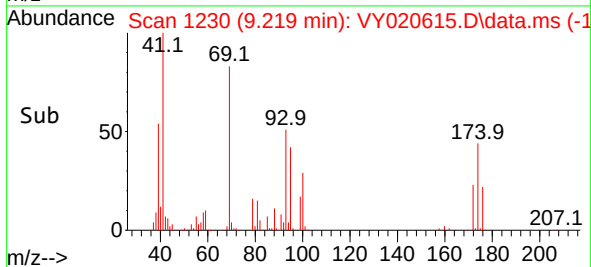
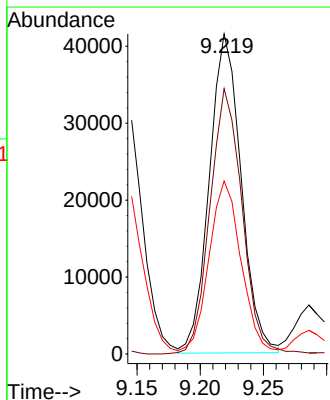
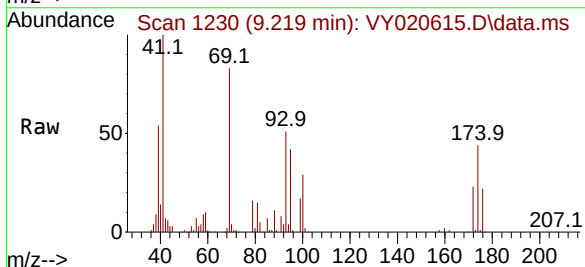
Instrument :
MSVOA_Y
ClientSampleId :

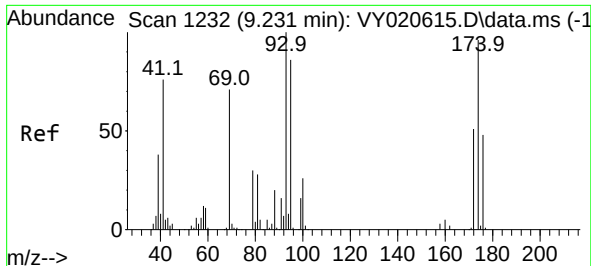
Tgt Ion: 83 Resp: 166333
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 50.709 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 41 Resp: 72602
Ion Ratio Lower Upper
41 100
69 84.0 67.2 100.8
39 52.8 42.2 63.4





#49

1,4-Dioxane

Concen: 1001.939 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

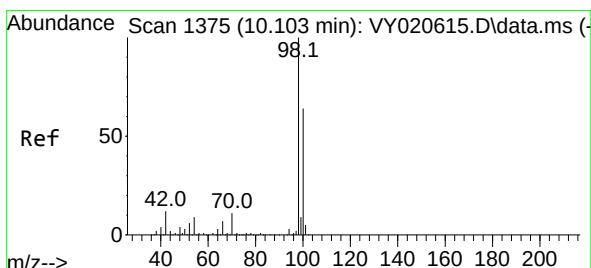
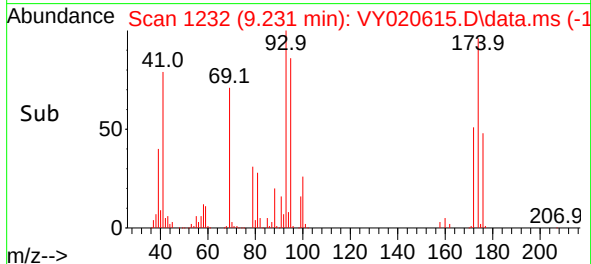
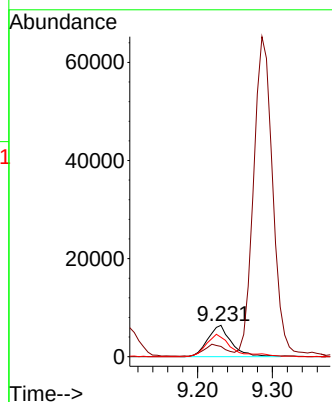
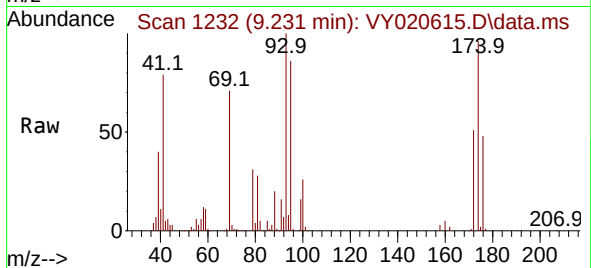
Tgt Ion: 88 Resp: 14069

Ion Ratio Lower Upper

88 100

43 34.5 27.6 41.4

58 77.1 61.7 92.5



#50

Toluene-d8

Concen: 51.543 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020615.D

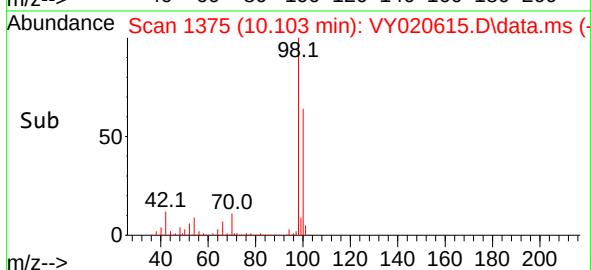
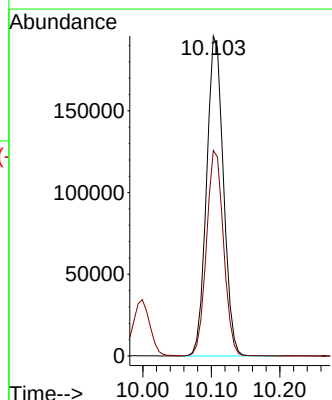
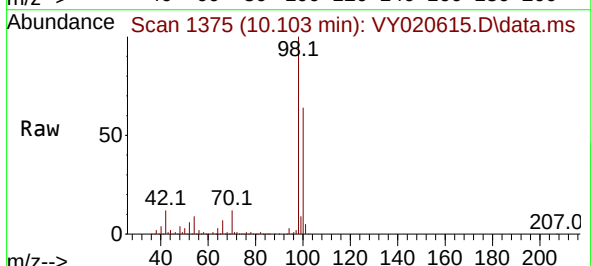
Acq: 17 Dec 2024 10:51

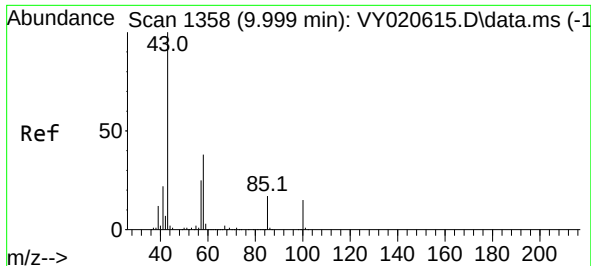
Tgt Ion: 98 Resp: 334601

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 247.835 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

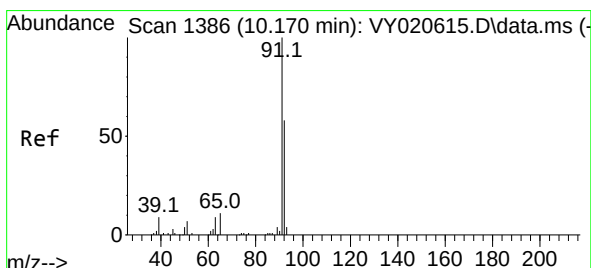
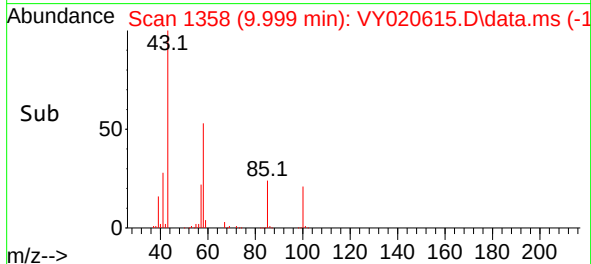
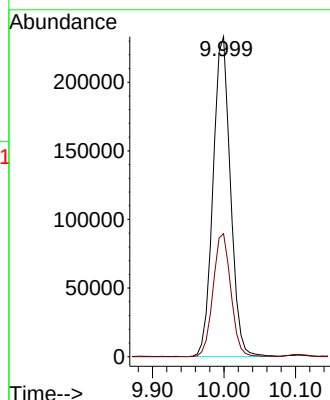
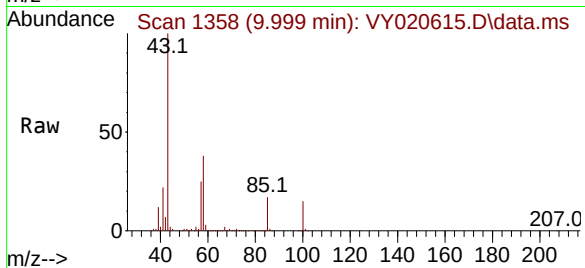
ClientSampleId :

Tgt Ion: 43 Resp: 393979

Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2



#52

Toluene

Concen: 49.846 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020615.D

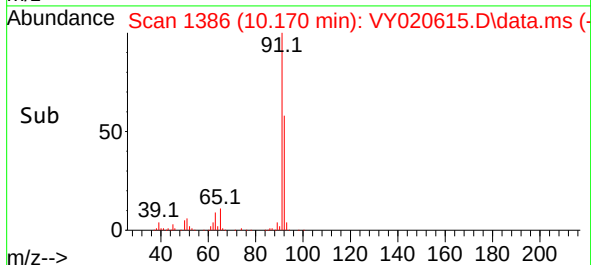
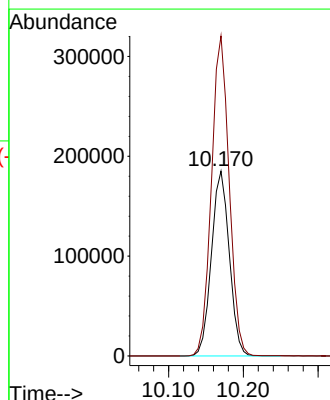
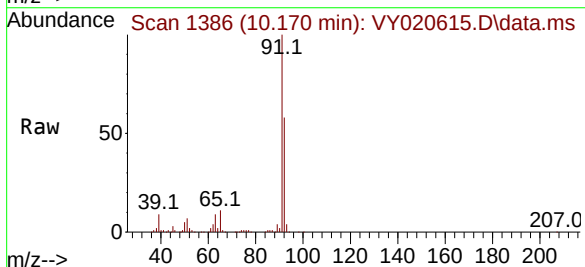
Acq: 17 Dec 2024 10:51

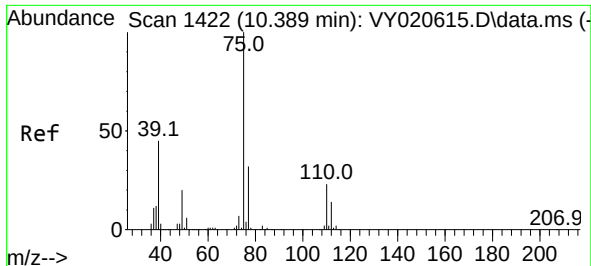
Tgt Ion: 92 Resp: 307082

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0

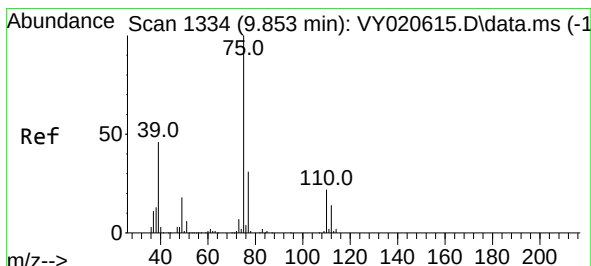
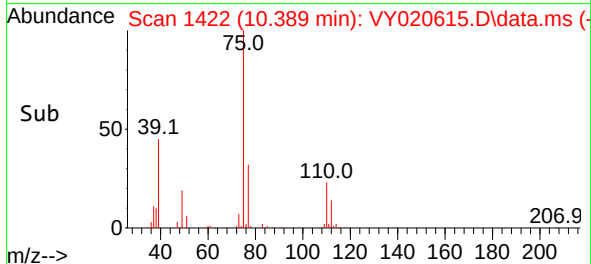
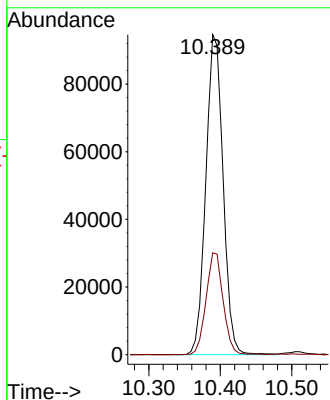
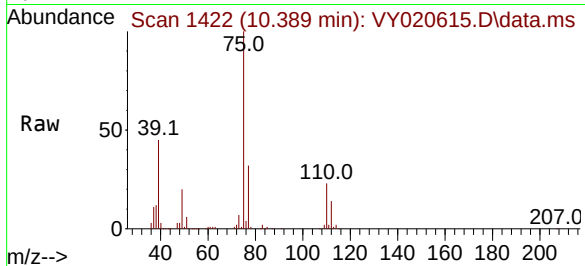




#53
 t-1,3-Dichloropropene
 Concen: 51.442 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020615.D
 Acq: 17 Dec 2024 10:51

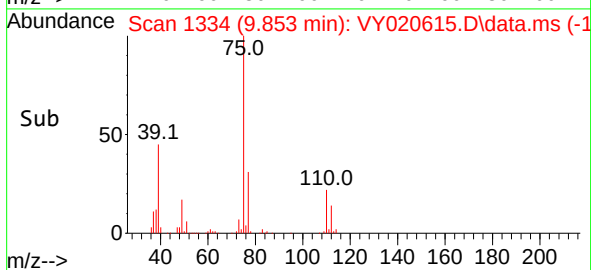
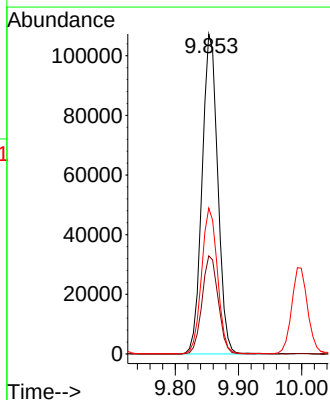
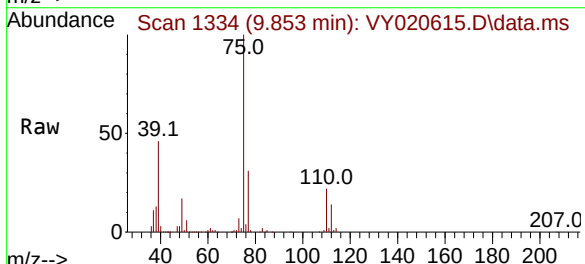
Instrument :
 MSVOA_Y
 ClientSampleId :

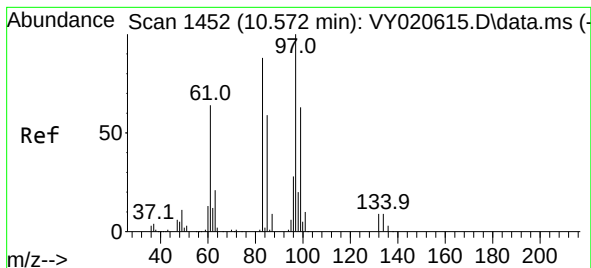
Tgt Ion: 75 Resp: 158536
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.849 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY020615.D
 Acq: 17 Dec 2024 10:51

Tgt Ion: 75 Resp: 185696
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 45.5 36.4 54.6

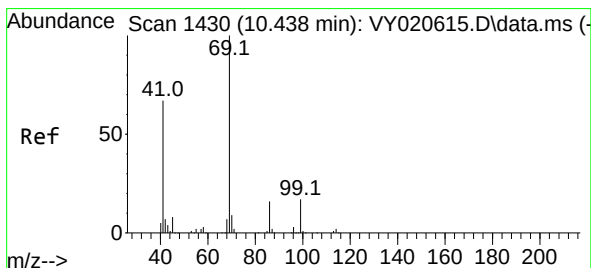
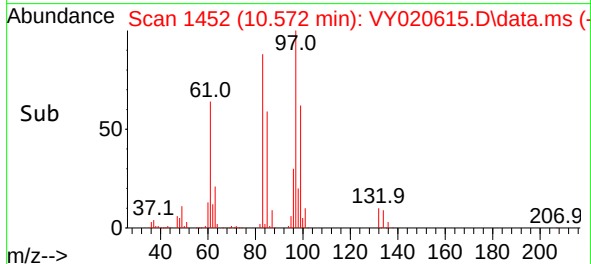
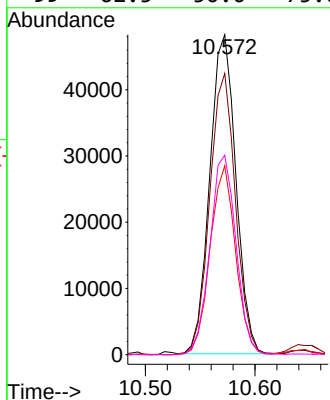
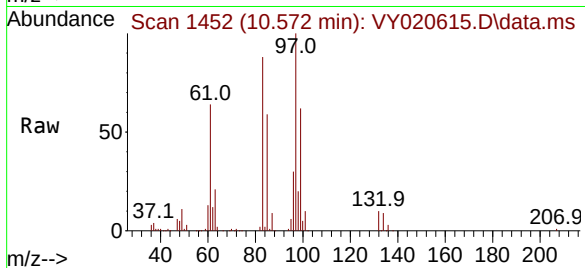




#55
1,1,2-Trichloroethane
Concen: 49.318 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

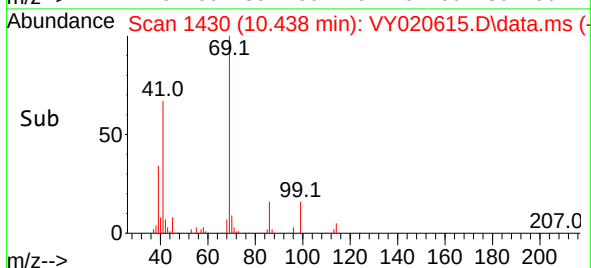
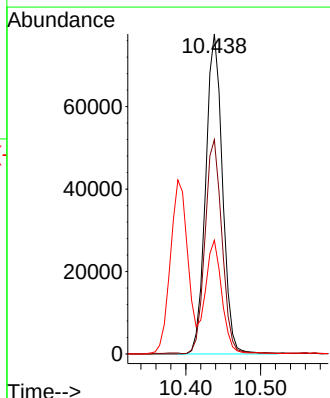
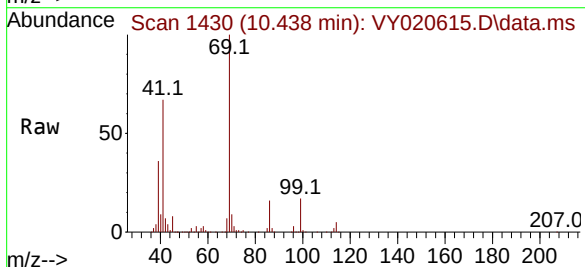
Instrument :
MSVOA_Y
ClientSampleId :

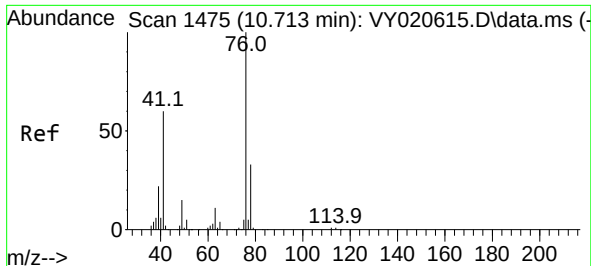
Tgt Ion:	97	Resp:	79837
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	59.0	47.2	70.8
99	62.5	50.0	75.0



#56
Ethyl methacrylate
Concen: 51.535 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:	69	Resp:	121030
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.0	81.0
39	34.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 50.611 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

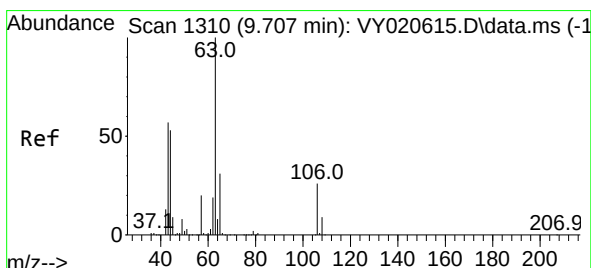
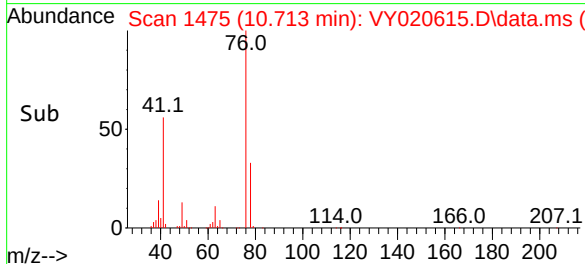
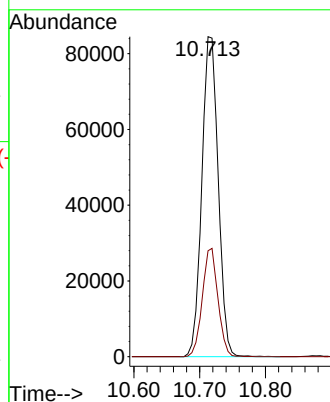
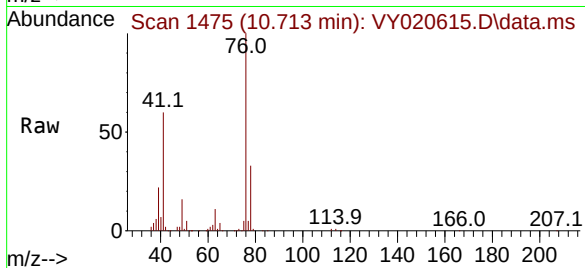
ClientSampleId :

Tgt Ion: 76 Resp: 146053

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 228.767 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY020615.D

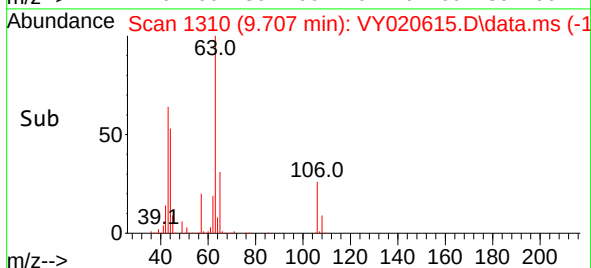
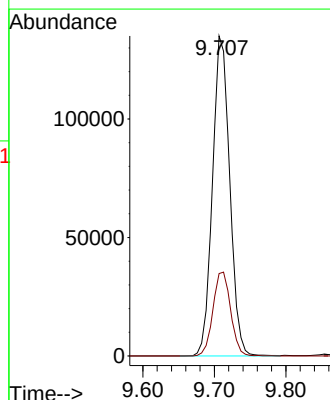
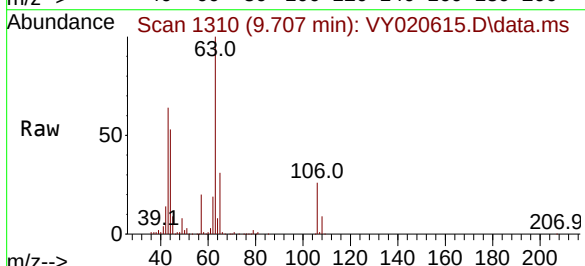
Acq: 17 Dec 2024 10:51

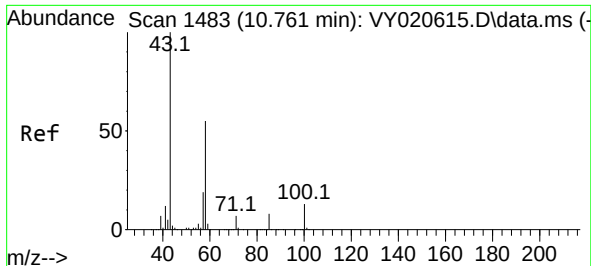
Tgt Ion: 63 Resp: 226061

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3

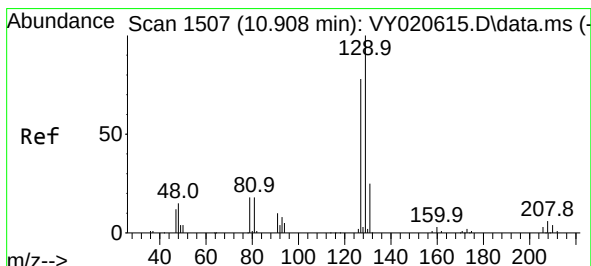
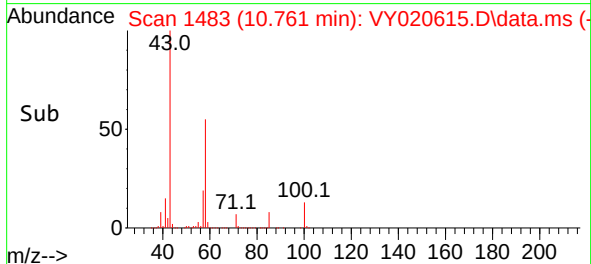
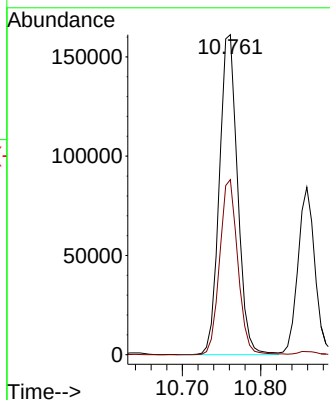
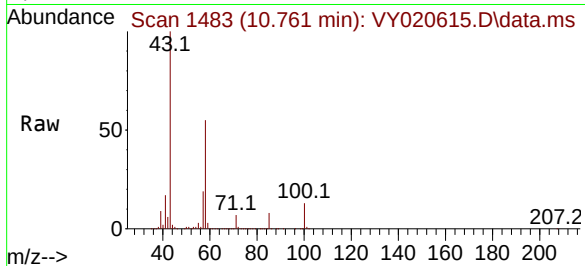




#59
2-Hexanone
Concen: 256.048 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

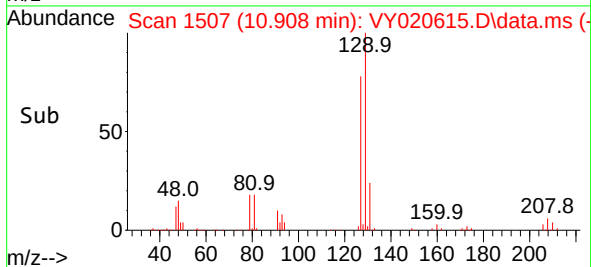
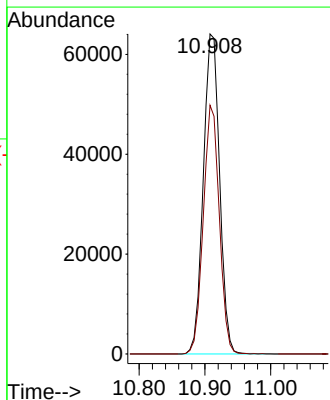
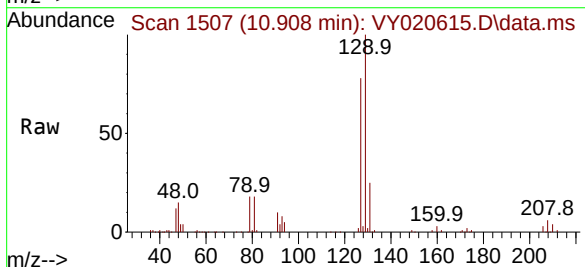
Instrument :
MSVOA_Y
ClientSampleId :

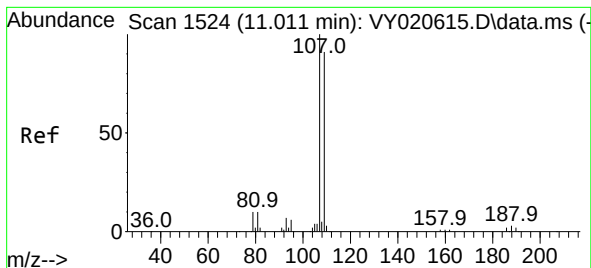
Tgt Ion: 43 Resp: 261334
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.6



#60
Dibromochloromethane
Concen: 51.085 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:129 Resp: 110597
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.3

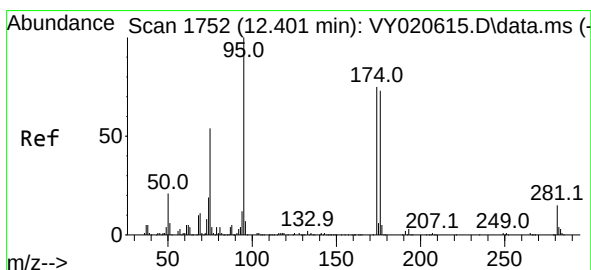
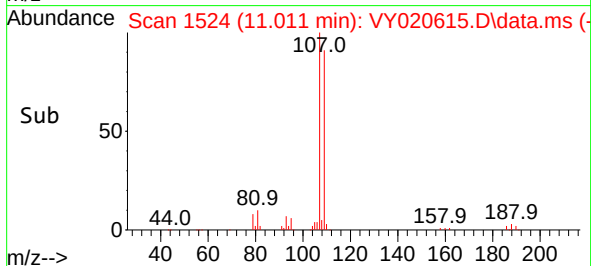
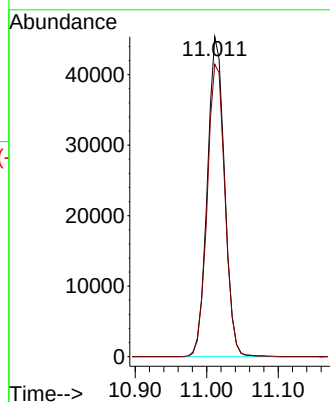
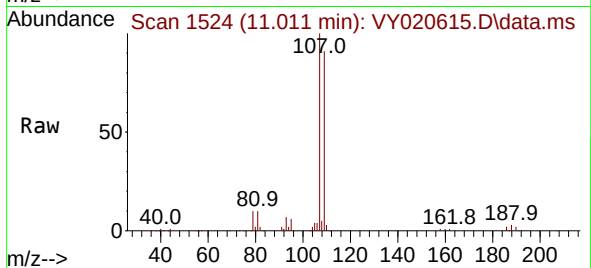




#61
1,2-Dibromoethane
Concen: 50.346 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

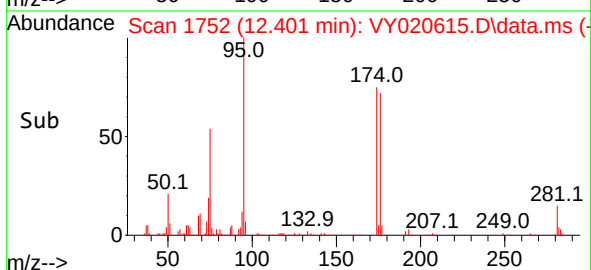
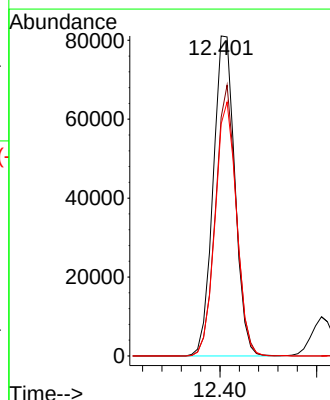
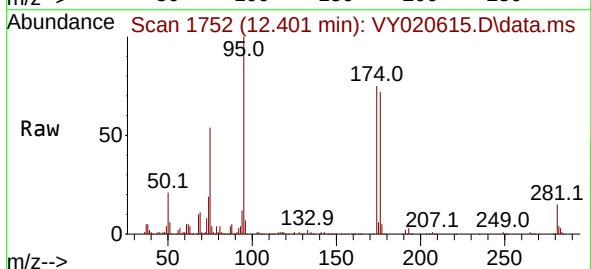
Instrument :
MSVOA_Y
ClientSampleId :

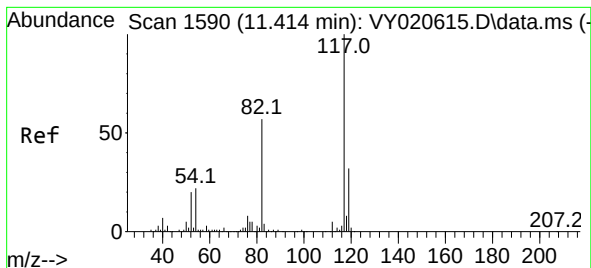
Tgt Ion:107 Resp: 75811
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.707 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 95 Resp: 126226
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.8
176 78.3 0.0 156.6

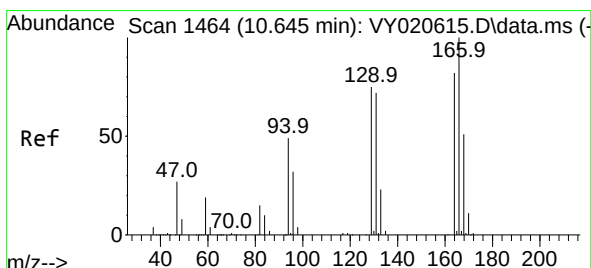
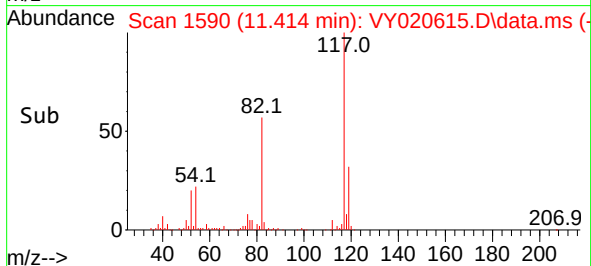
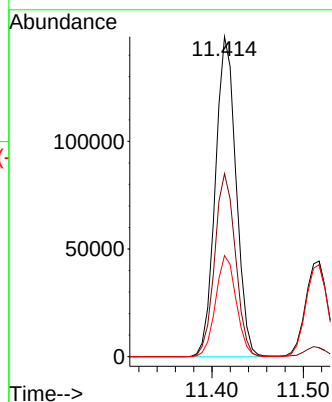
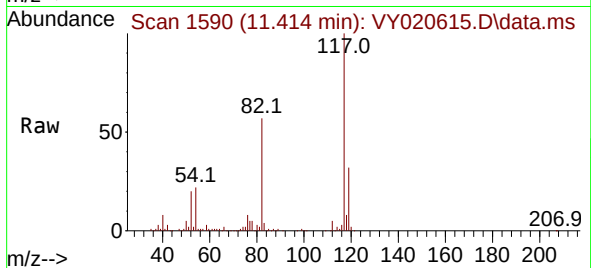




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

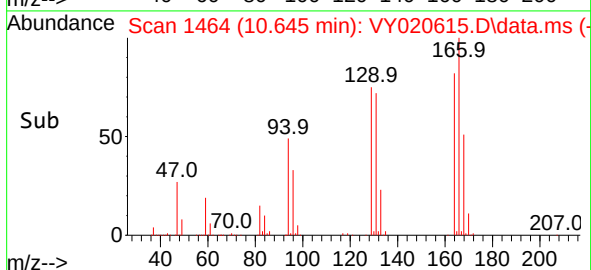
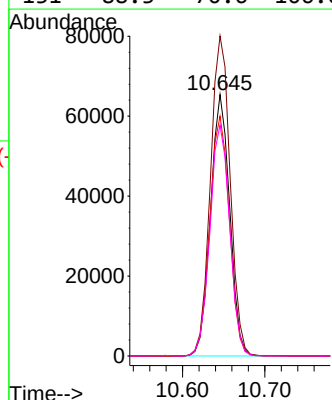
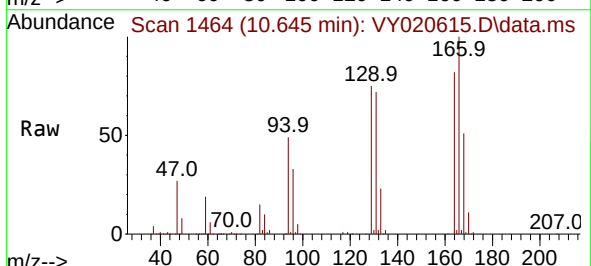
Instrument :
MSVOA_Y
ClientSampleId :

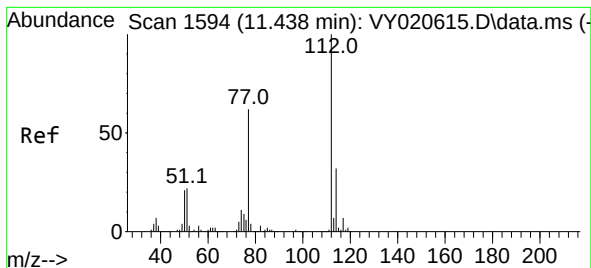
Tgt Ion:117 Resp: 234325
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 48.065 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:164 Resp: 105939
Ion Ratio Lower Upper
164 100
166 122.4 97.9 146.9
129 91.7 73.4 110.0
131 88.3 70.6 106.0

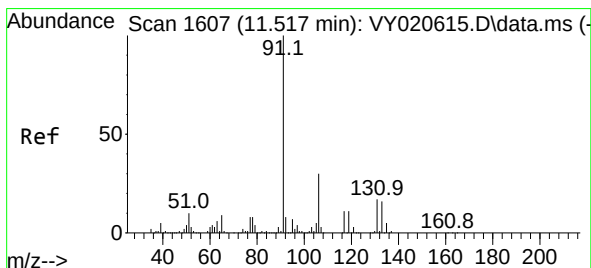
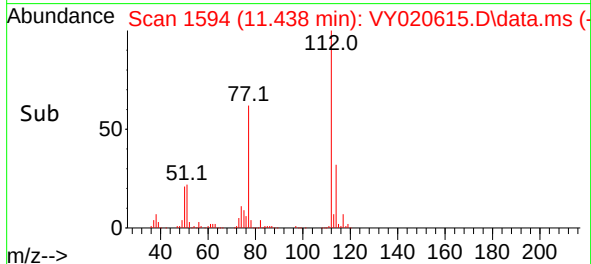
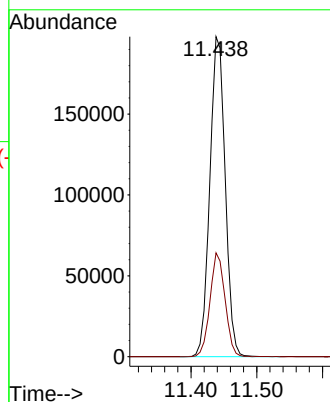
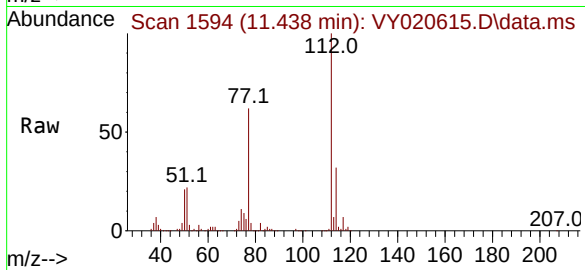




#65
Chlorobenzene
Concen: 49.154 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

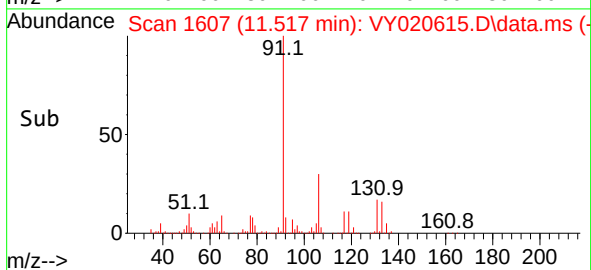
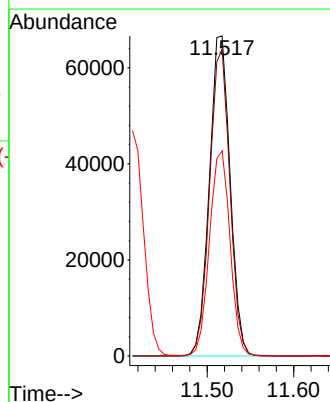
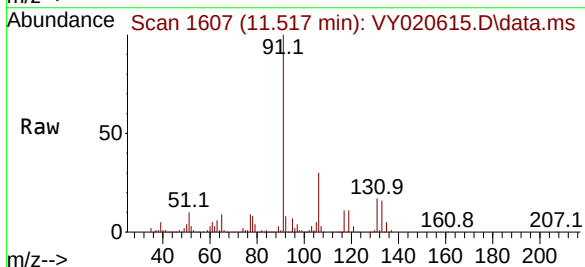
Instrument :
MSVOA_Y
ClientSampleId :

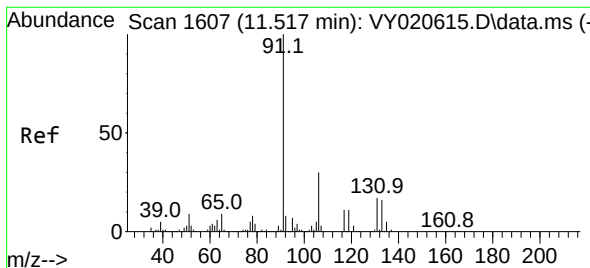
Tgt Ion:112 Resp: 322053
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.571 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:131 Resp: 111060
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 49.546 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

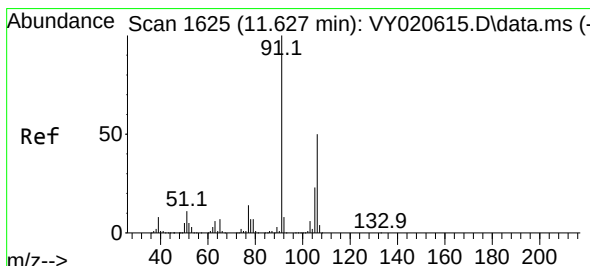
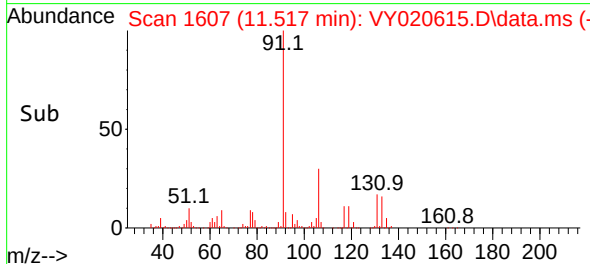
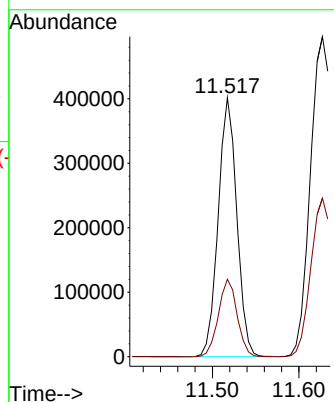
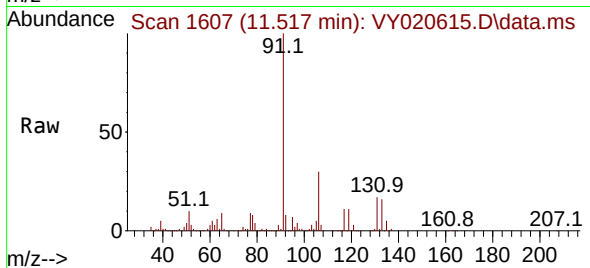
ClientSampleId :

Tgt Ion: 91 Resp: 598896

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 99.408 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020615.D

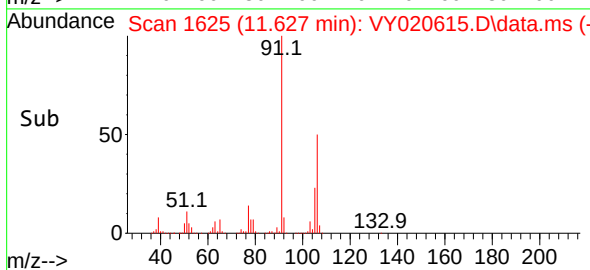
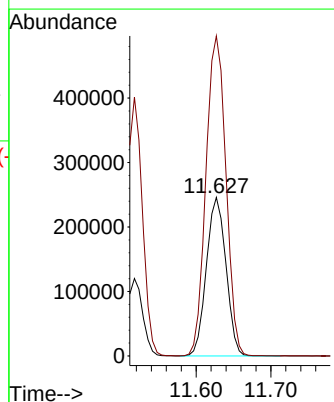
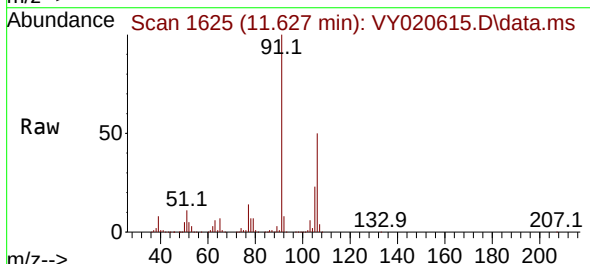
Acq: 17 Dec 2024 10:51

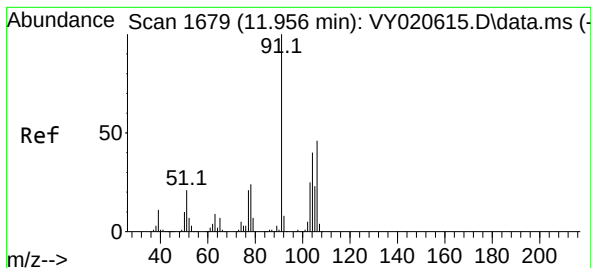
Tgt Ion:106 Resp: 446771

Ion Ratio Lower Upper

106 100

91 206.2 165.0 247.4

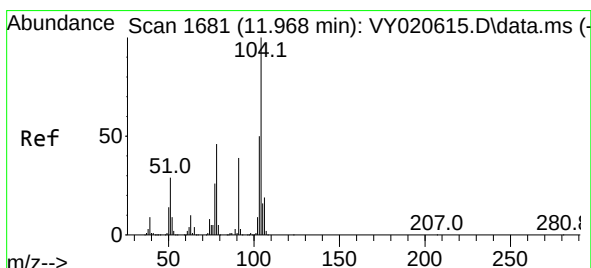
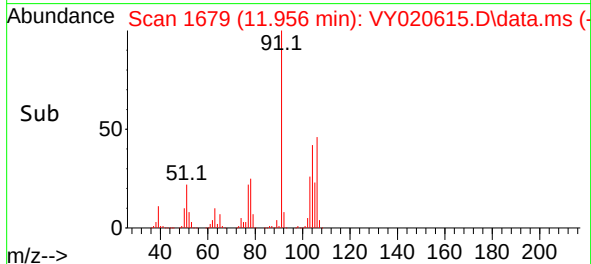
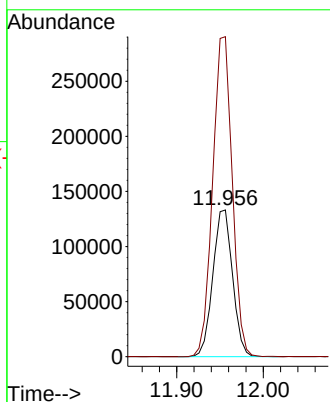
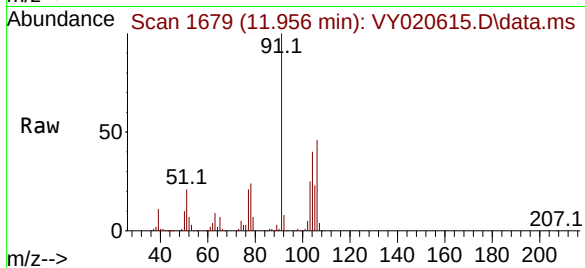




#69
o-Xylene
Concen: 50.198 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

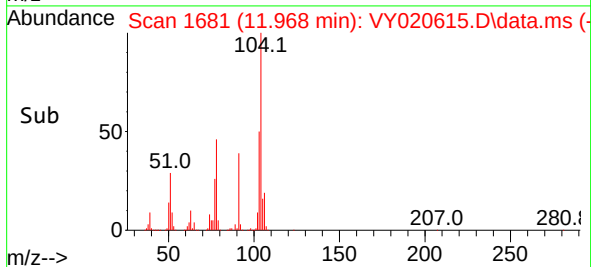
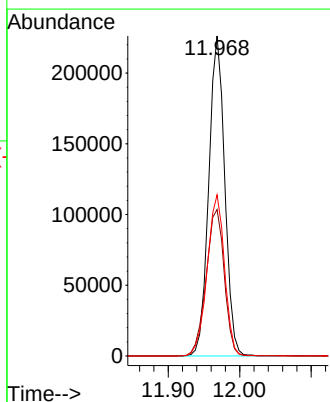
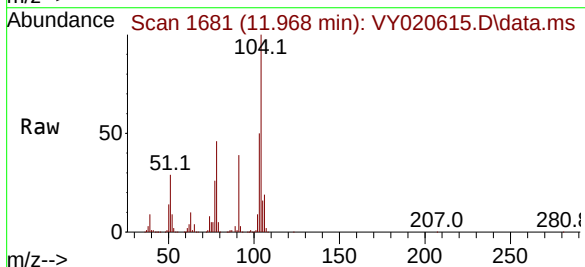
Instrument :
MSVOA_Y
ClientSampleId :

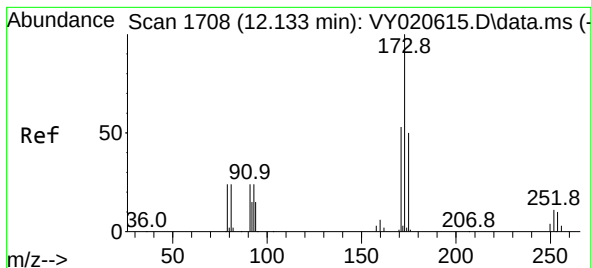
Tgt Ion:106 Resp: 210499
Ion Ratio Lower Upper
106 100
91 216.8 108.4 325.2



#70
Styrene
Concen: 50.222 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion:104 Resp: 351858
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 54.6 43.7 65.5





#71

Bromoform

Concen: 50.171 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

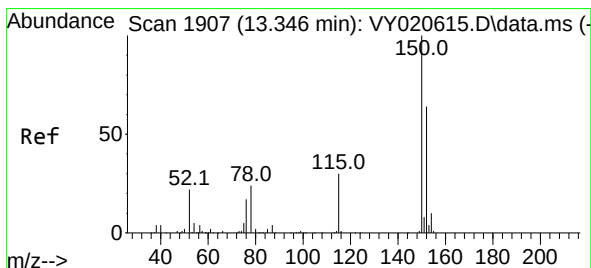
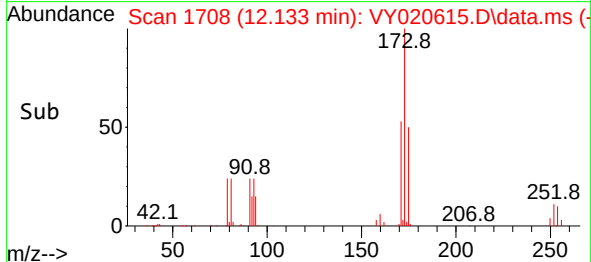
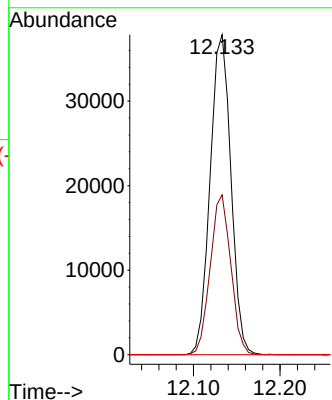
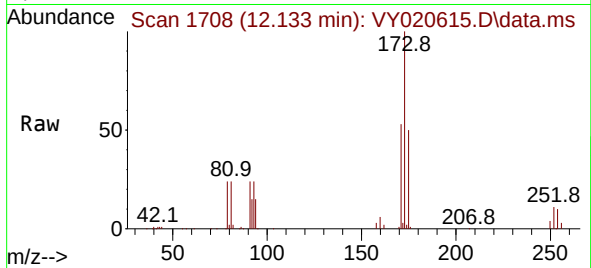
Tgt Ion:173 Resp: 63198

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

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: VY020615.D

Acq: 17 Dec 2024 10:51

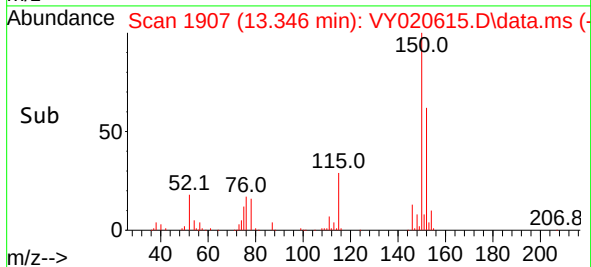
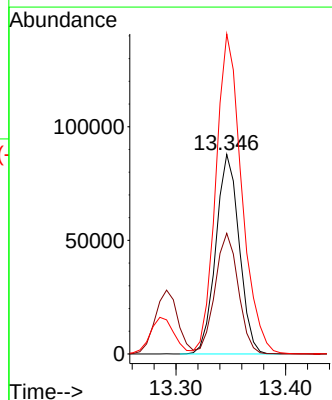
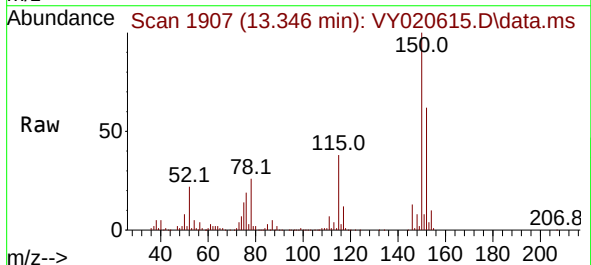
Tgt Ion:152 Resp: 130092

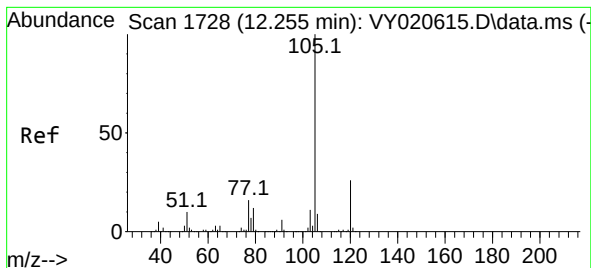
Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 177.7 0.0 355.4





#73

Isopropylbenzene

Concen: 49.914 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

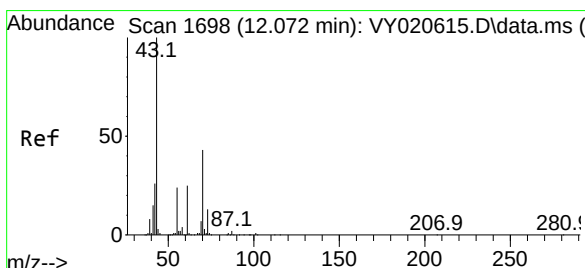
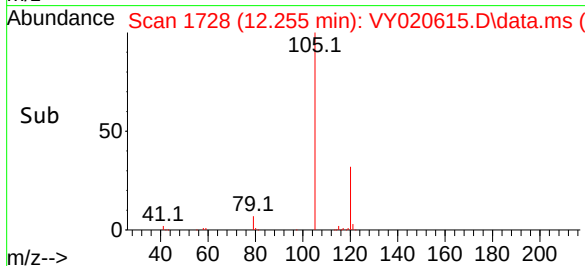
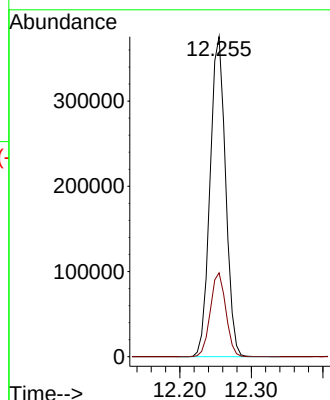
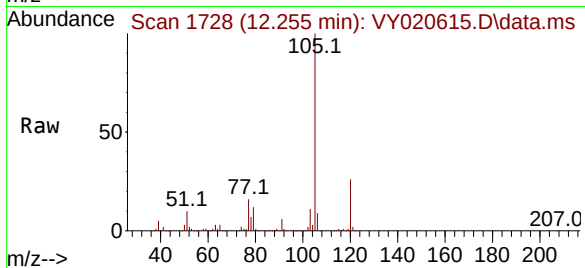
ClientSampleId :

Tgt Ion:105 Resp: 566646

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 52.254 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Tgt Ion: 43 Resp: 138830

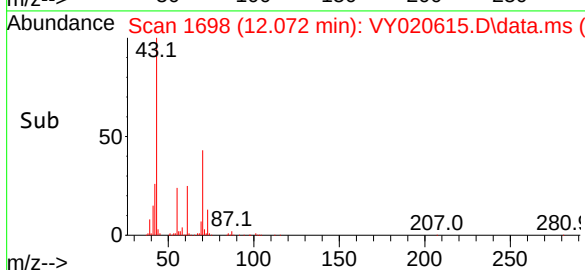
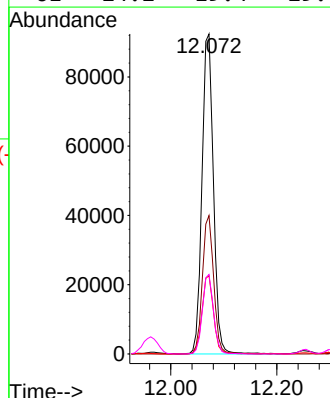
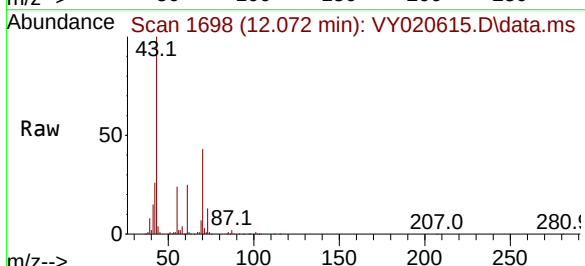
Ion Ratio Lower Upper

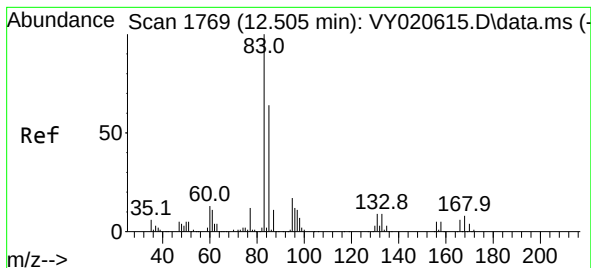
43 100

70 42.7 34.2 51.2

55 24.5 19.6 29.4

61 24.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.115 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

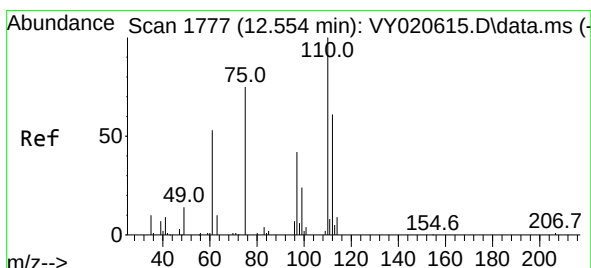
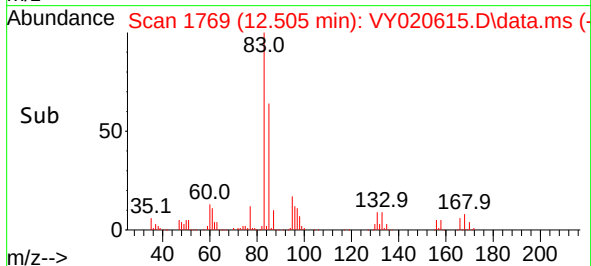
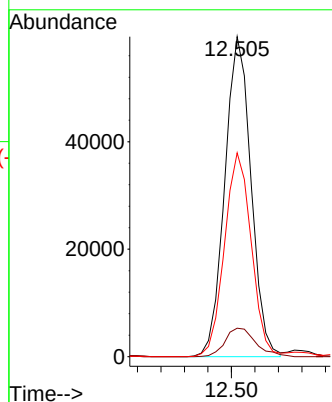
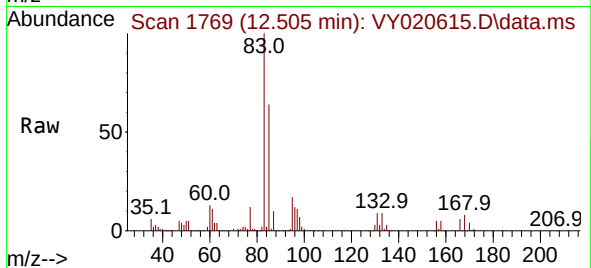
Tgt Ion: 83 Resp: 92349

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 91.339 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY020615.D

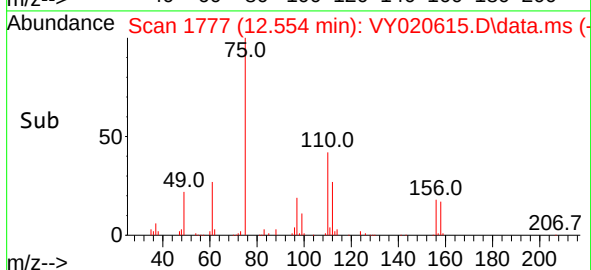
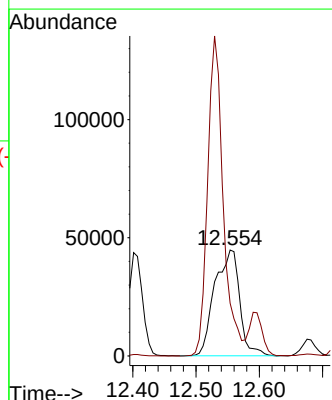
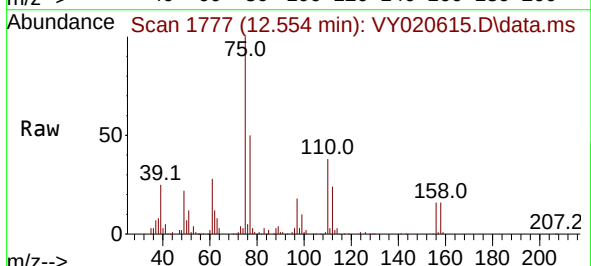
Acq: 17 Dec 2024 10:51

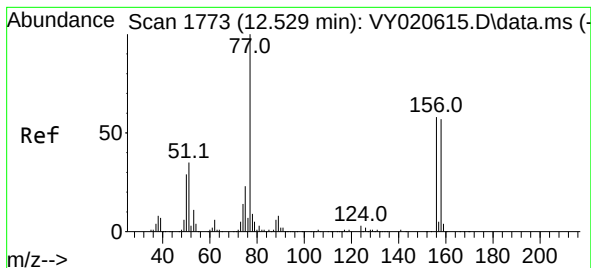
Tgt Ion: 75 Resp: 122382

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.842 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

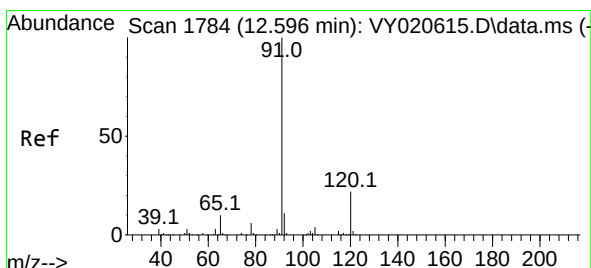
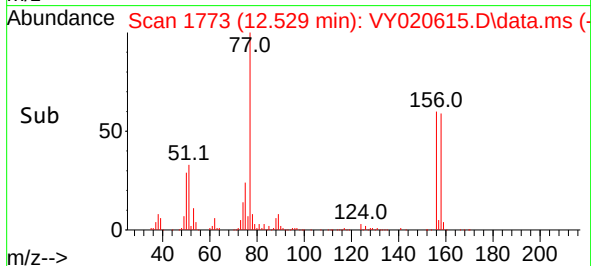
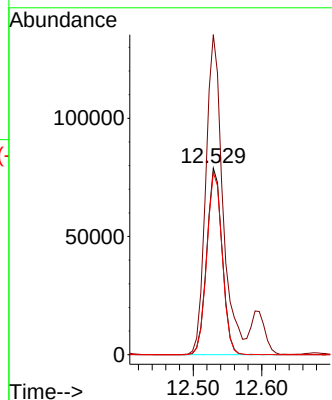
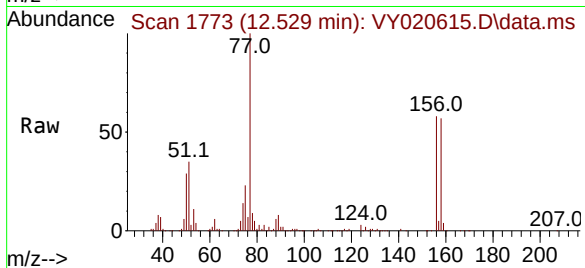
Tgt Ion:156 Resp: 123256

Ion Ratio Lower Upper

156 100

77 188.3 94.2 282.4

158 97.7 48.9 146.6



#78

n-propylbenzene

Concen: 50.251 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020615.D

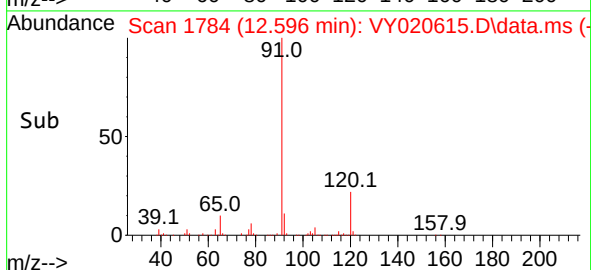
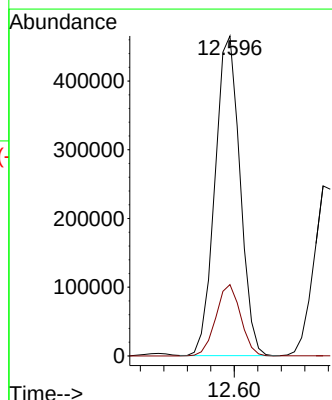
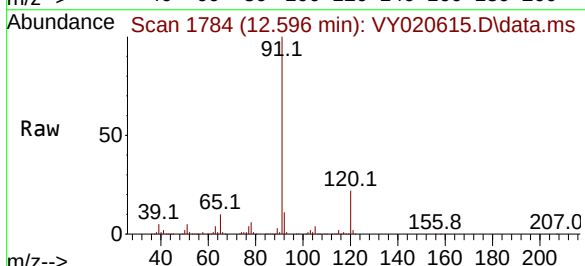
Acq: 17 Dec 2024 10:51

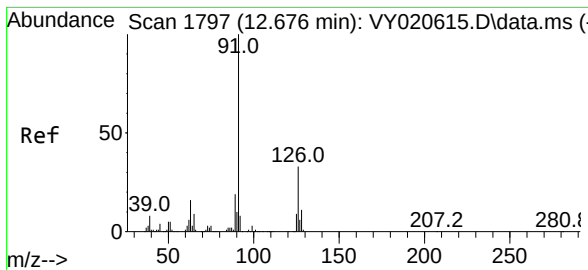
Tgt Ion: 91 Resp: 687319

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1

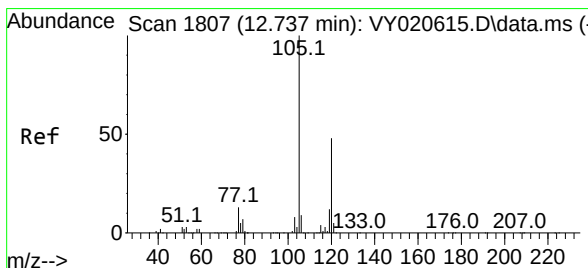
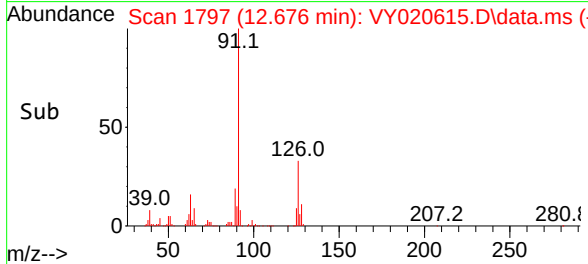
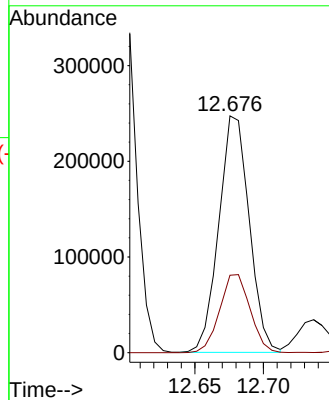
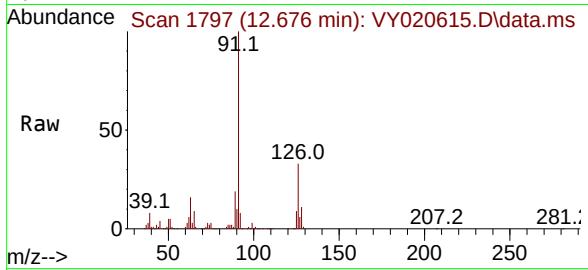




#79
2-Chlorotoluene
Concen: 49.707 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

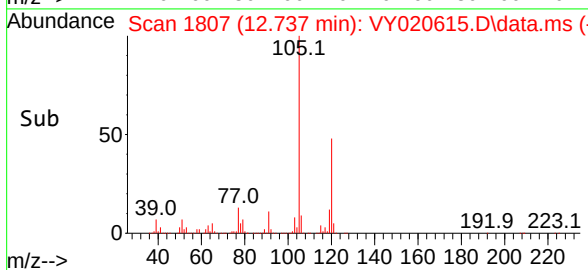
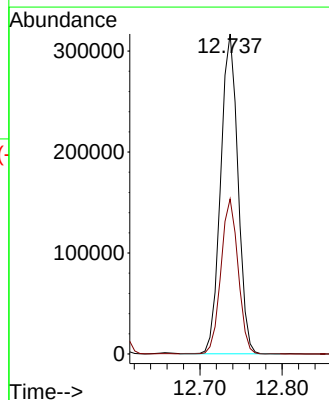
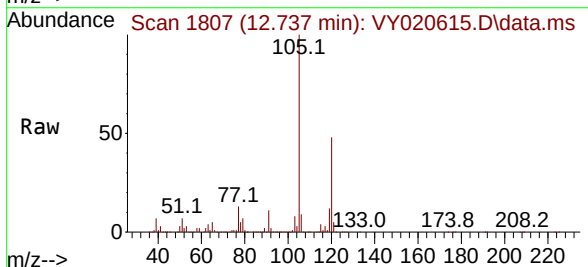
Instrument :
MSVOA_Y
ClientSampleId :

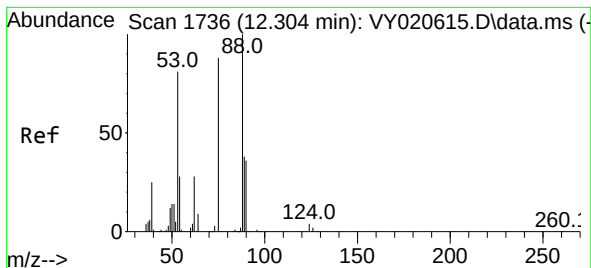
Tgt Ion: 91 Resp: 382511
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.279 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 105 Resp: 463155
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

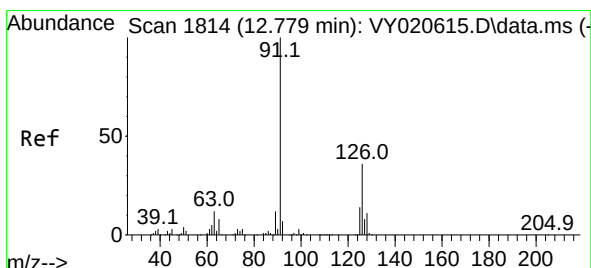
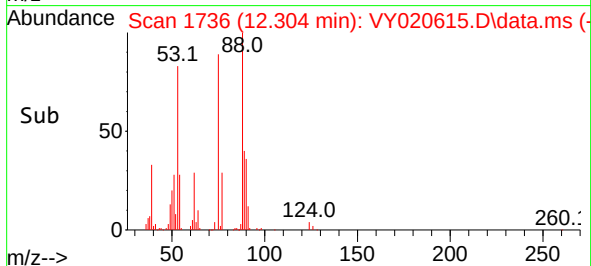
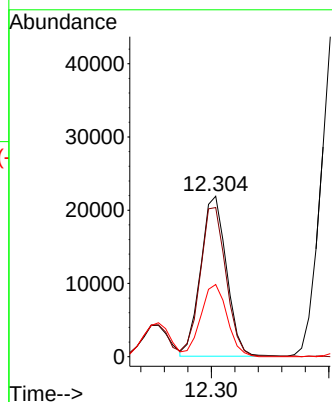
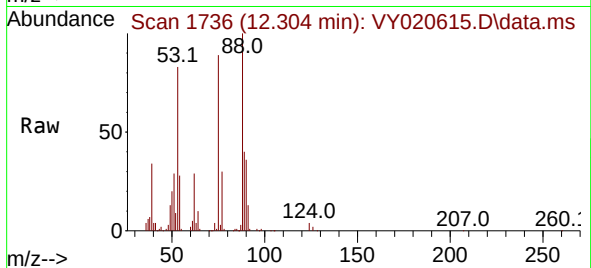




#81
trans-1,4-Dichloro-2-butene
Concen: 51.816 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

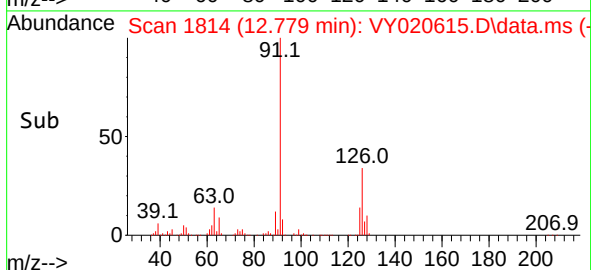
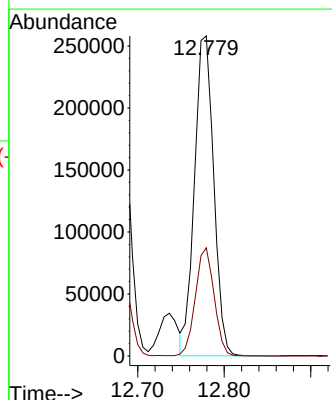
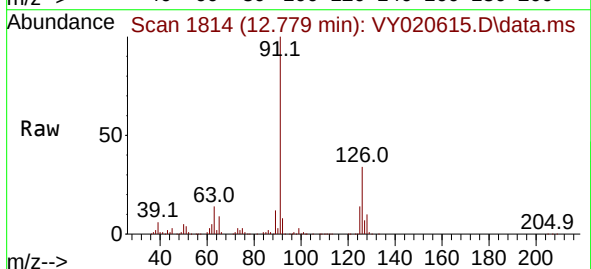
Instrument :
MSVOA_Y
ClientSampleId :

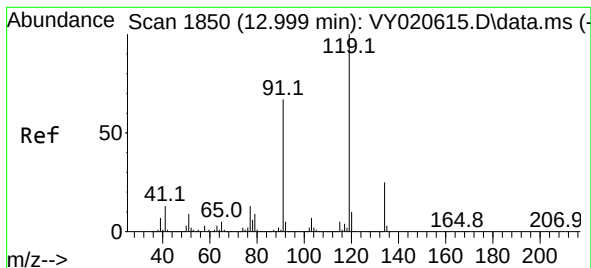
Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.3	75.4	113.2
89	46.2	37.0	55.4



#82
4-Chlorotoluene
Concen: 49.848 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7





#83

tert-Butylbenzene

Concen: 50.127 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

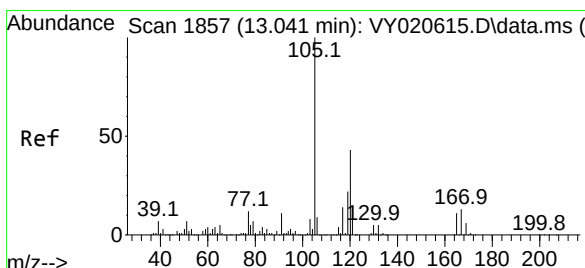
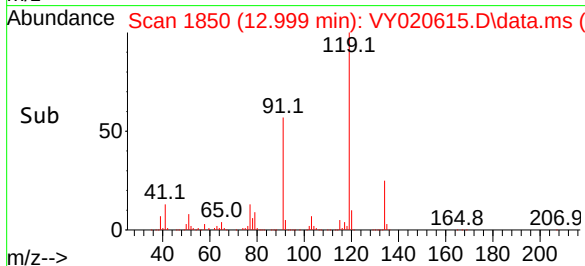
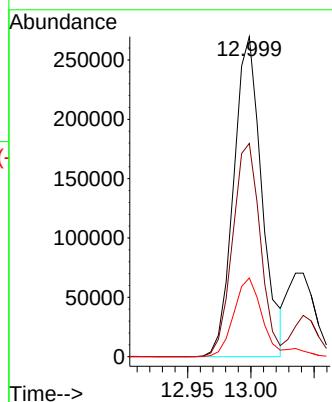
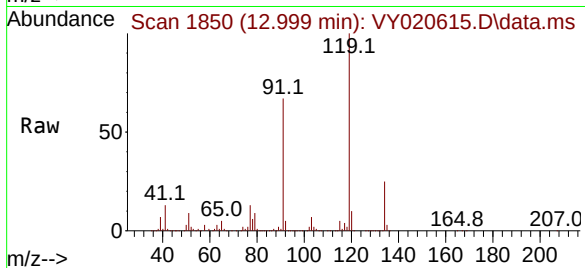
Tgt Ion:119 Resp: 418182

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 50.907 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020615.D

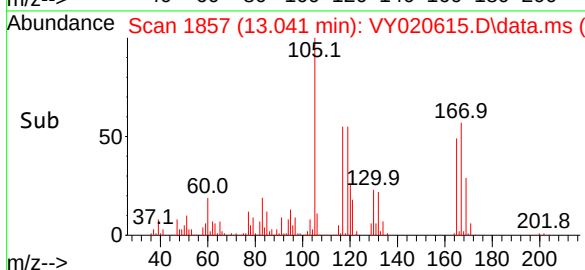
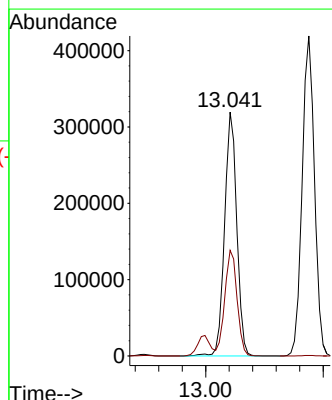
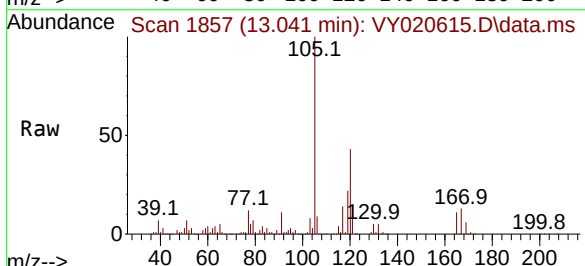
Acq: 17 Dec 2024 10:51

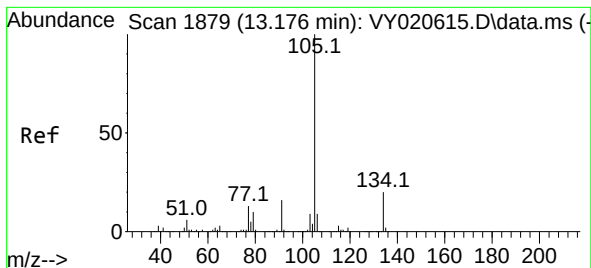
Tgt Ion:105 Resp: 459974

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4





#85

sec-Butylbenzene

Concen: 50.301 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

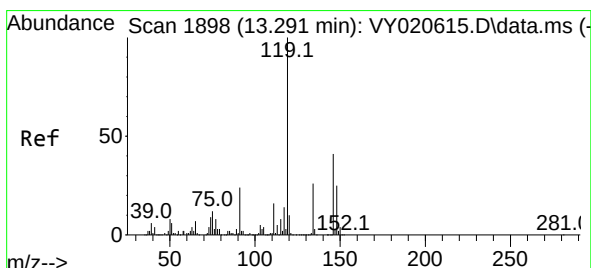
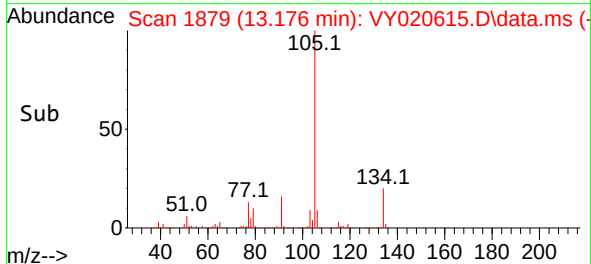
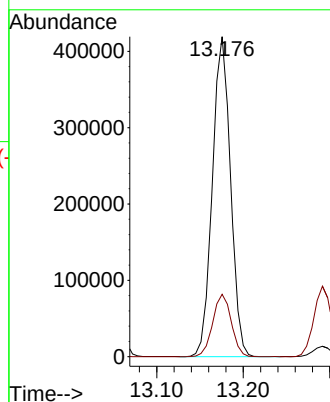
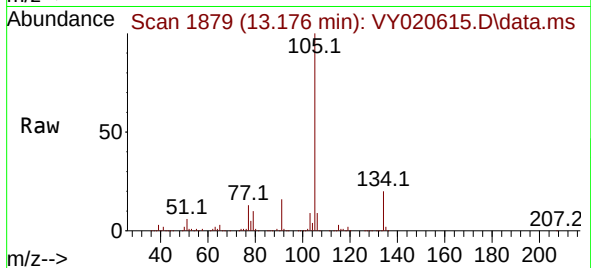
ClientSampleId :

Tgt Ion:105 Resp: 610142

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 50.941 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

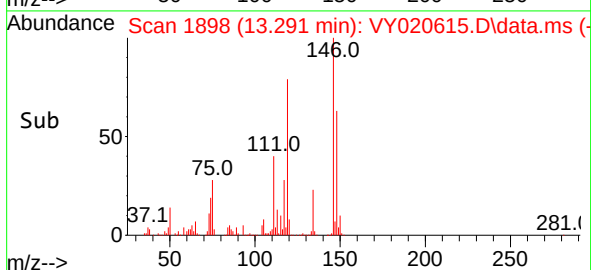
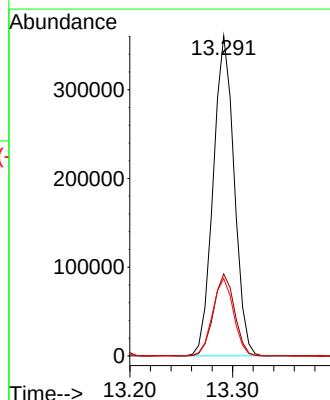
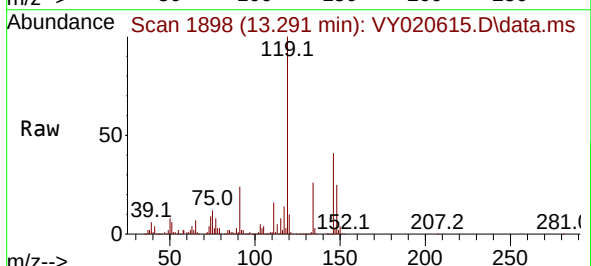
Tgt Ion:119 Resp: 509445

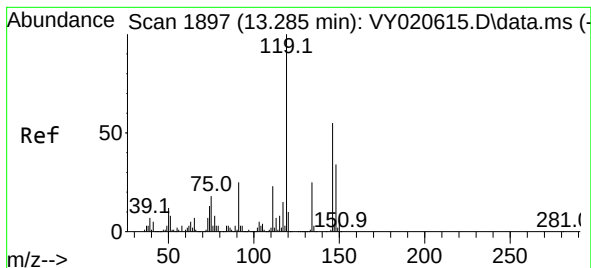
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.677 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

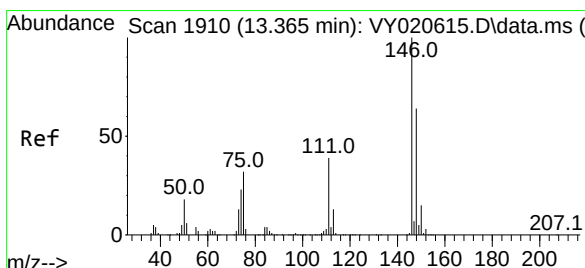
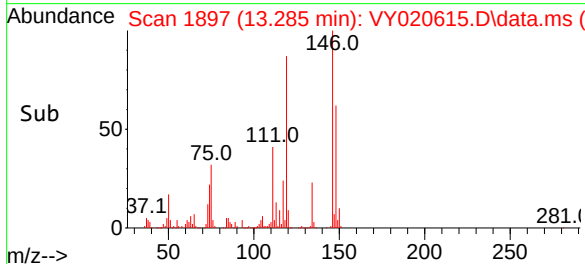
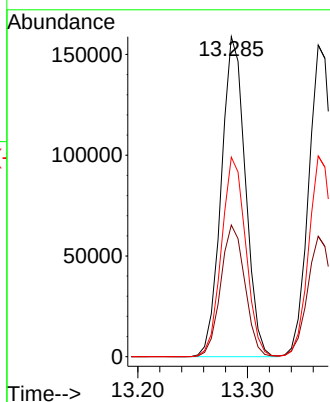
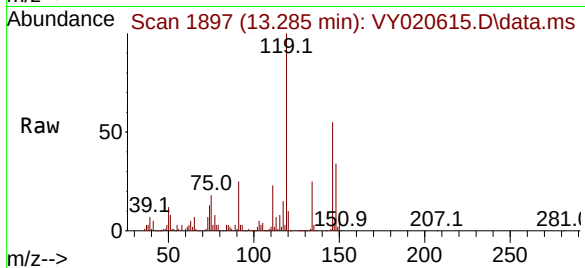
Tgt Ion:146 Resp: 242502

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 62.7 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 49.281 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

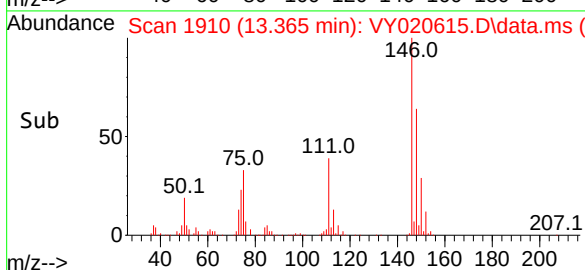
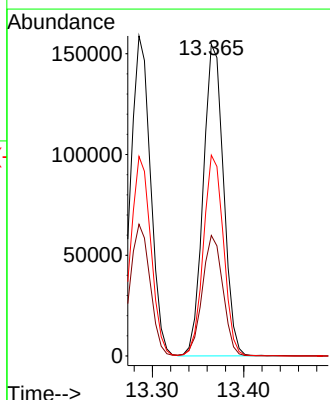
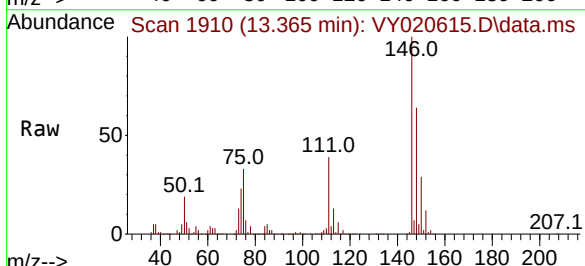
Tgt Ion:146 Resp: 238266

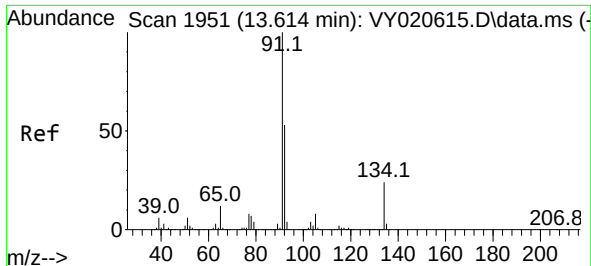
Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 63.7 31.9 95.5

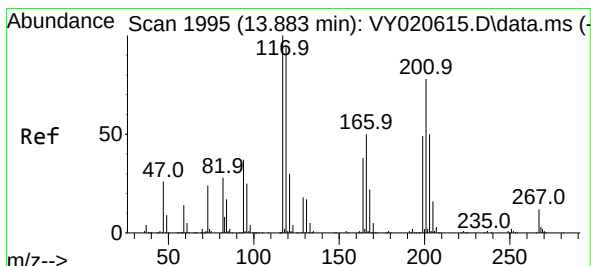
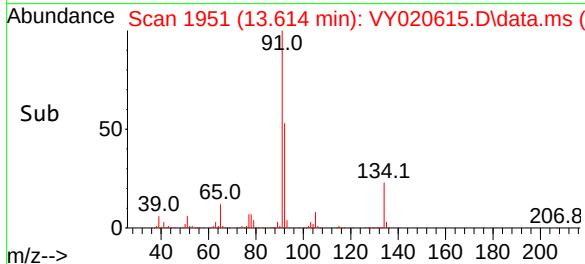
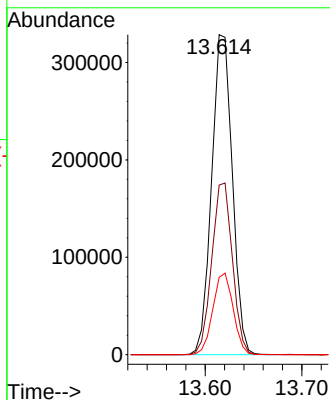
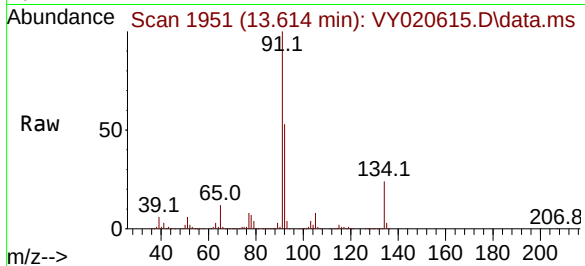




#89
n-Butylbenzene
Concen: 51.461 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

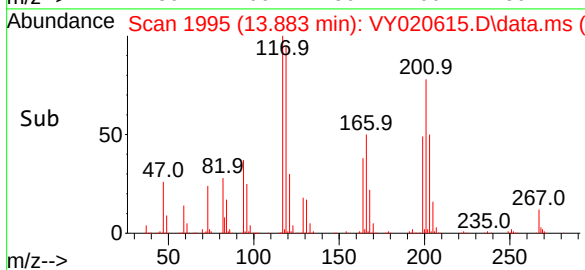
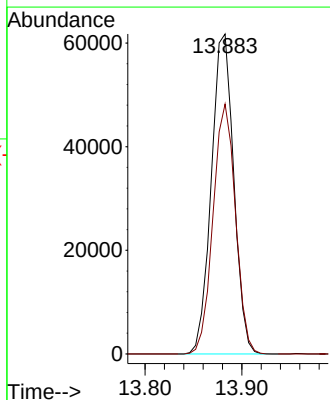
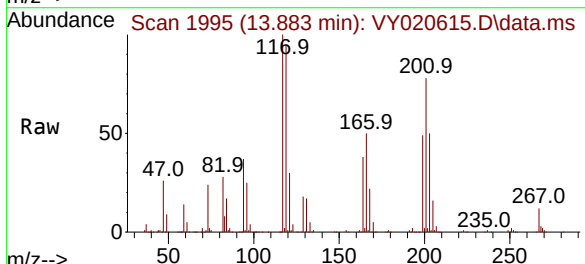
Instrument :
MSVOA_Y
ClientSampleId :

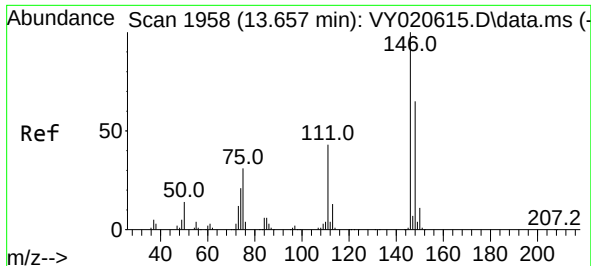
Tgt Ion: 91 Resp: 487742
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 25.0 12.5 37.5



#90
Hexachloroethane
Concen: 50.134 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020615.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 117 Resp: 99360
Ion Ratio Lower Upper
117 100
201 78.2 39.1 117.3





#91

1,2-Dichlorobenzene

Concen: 49.409 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

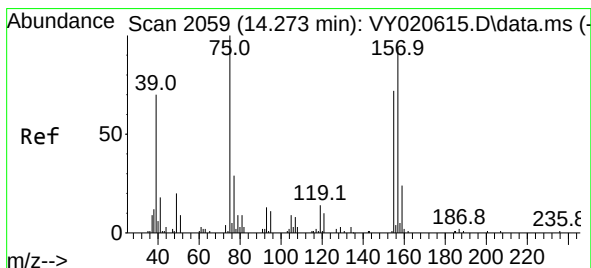
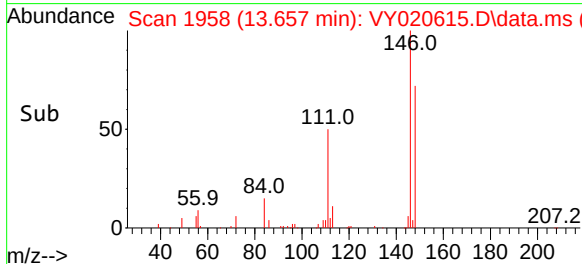
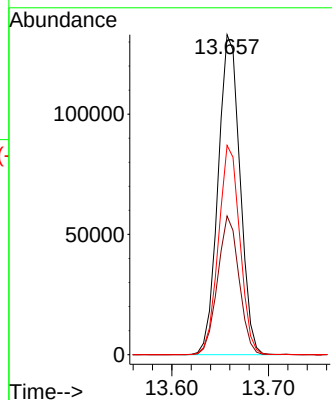
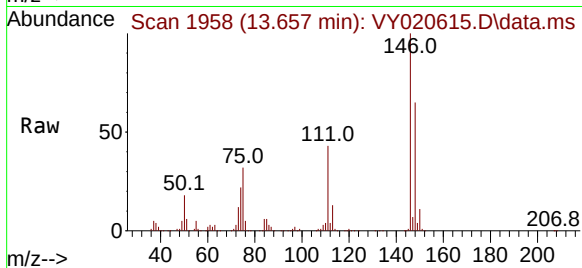
Tgt Ion:146 Resp: 208977

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.268 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

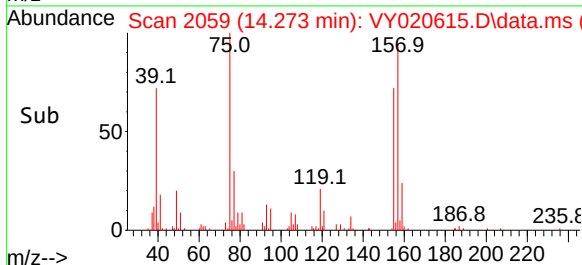
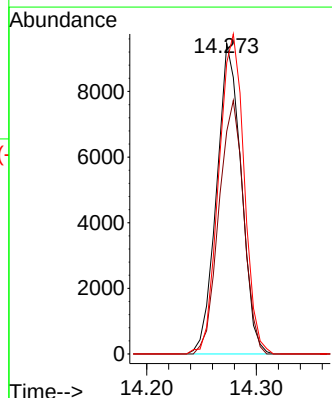
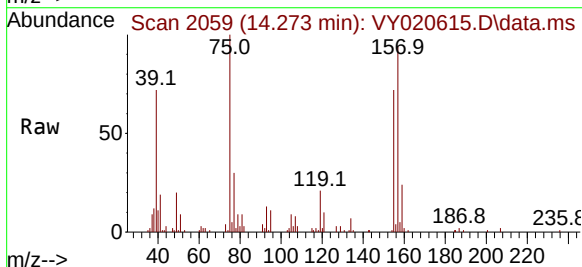
Tgt Ion: 75 Resp: 14740

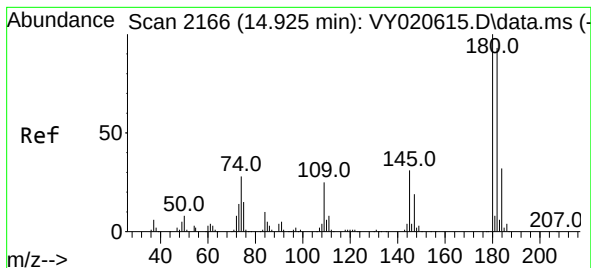
Ion Ratio Lower Upper

75 100

155 82.2 41.1 123.3

157 105.9 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 51.538 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

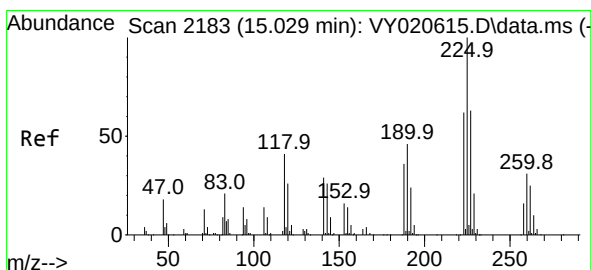
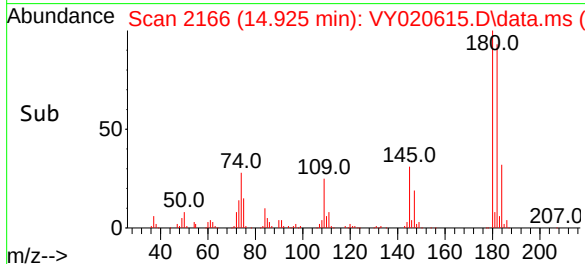
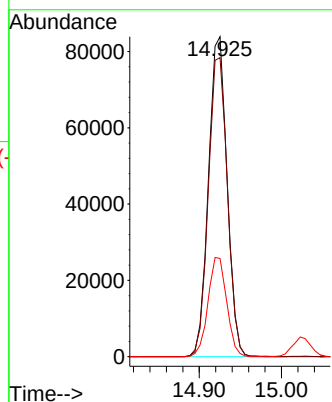
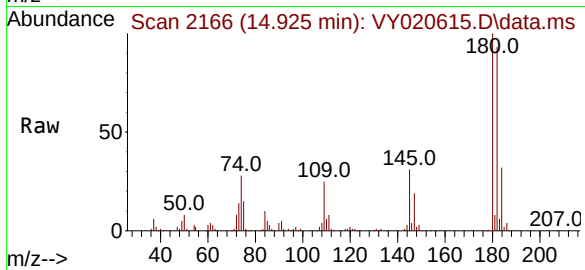
Tgt Ion:180 Resp: 131852

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 31.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 51.117 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

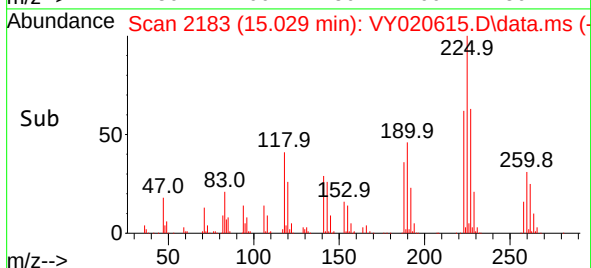
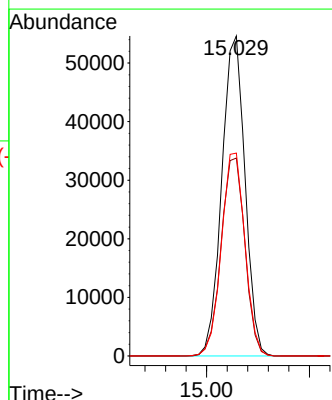
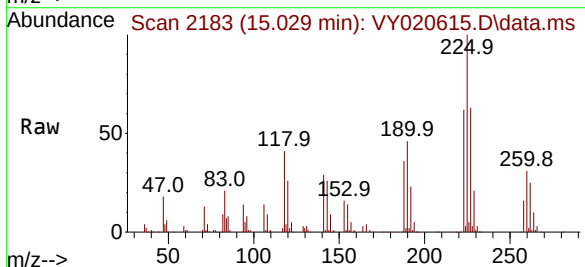
Tgt Ion:225 Resp: 85490

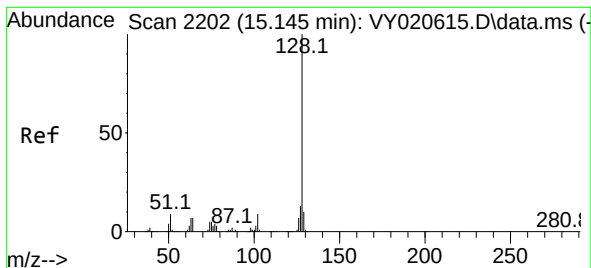
Ion Ratio Lower Upper

225 100

223 63.5 31.8 95.3

227 64.4 32.2 96.6





#95

Naphthalene

Concen: 52.434 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

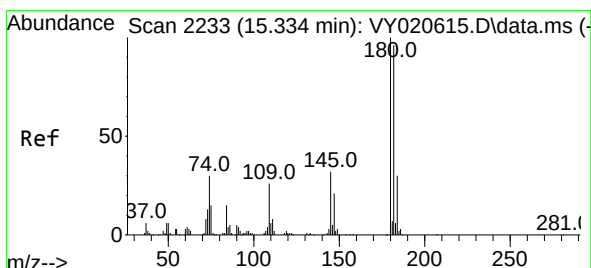
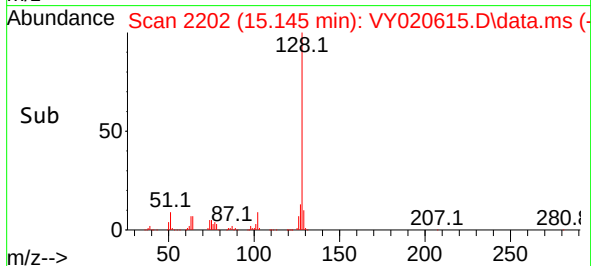
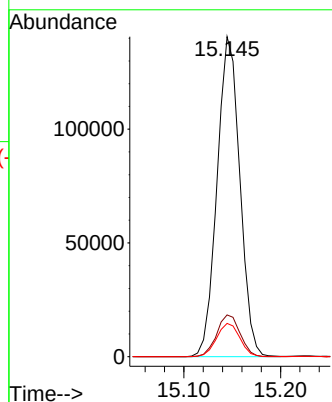
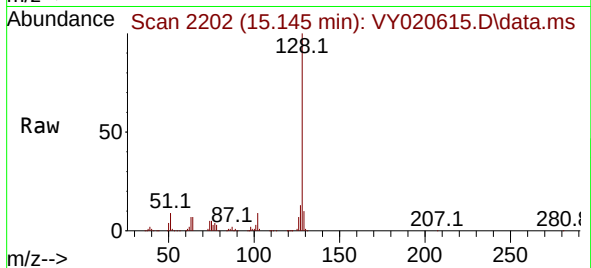
Tgt Ion:128 Resp: 229979

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 51.976 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020615.D

Acq: 17 Dec 2024 10:51

Tgt Ion:180 Resp: 112349

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.0 16.0 48.0

