

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019194.D
 Acq On : 22 Aug 2024 02:58
 Operator : SY/MD
 Sample : VY0821SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 03:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	127304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	210956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	183381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	84746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	66065	51.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.540%	
35) Dibromofluoromethane	7.628	113	66102	47.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.103	98	235036	47.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.700%	
62) 4-Bromofluorobenzene	12.408	95	79327	46.879	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18895	20.230	ug/l	95
3) Chloromethane	2.068	50	29931	17.779	ug/l	98
4) Vinyl Chloride	2.202	62	35616	17.127	ug/l	97
5) Bromomethane	2.580	94	27080	17.483	ug/l	100
6) Chloroethane	2.726	64	23135	16.287	ug/l	94
7) Trichlorofluoromethane	3.049	101	54431	17.313	ug/l	98
8) Diethyl Ether	3.446	74	13654	20.120	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	26793	19.169	ug/l	98
10) Methyl Iodide	4.001	142	27113	19.790	ug/l	93
11) Tert butyl alcohol	4.842	59	19415	164.345	ug/l #	97
12) 1,1-Dichloroethene	3.787	96	24601	19.373	ug/l	89
13) Acrolein	3.647	56	8487	74.736	ug/l	96
14) Allyl chloride	4.379	41	35161	20.826	ug/l	90
15) Acrylonitrile	5.043	53	29632	106.714	ug/l	97
16) Acetone	3.854	43	24462	103.363	ug/l #	85
17) Carbon Disulfide	4.098	76	66689	18.619	ug/l #	94
18) Methyl Acetate	4.379	43	17261	23.764	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	64687	21.011	ug/l	100
20) Methylene Chloride	4.610	84	37291	19.040	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	27907	19.671	ug/l	97
22) Diisopropyl ether	6.012	45	80689	20.877	ug/l	91
23) Vinyl Acetate	5.951	43	269161	87.962	ug/l	99
24) 1,1-Dichloroethane	5.909	63	47418	20.061	ug/l	97
25) 2-Butanone	6.884	43	39038	102.426	ug/l	90
26) 2,2-Dichloropropane	6.872	77	35419	18.505	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	34195	20.481	ug/l	98
28) Bromochloromethane	7.238	49	19733	19.902	ug/l	95
29) Tetrahydrofuran	7.250	42	25945	105.896	ug/l	92
30) Chloroform	7.415	83	54539	20.707	ug/l	100
31) Cyclohexane	7.695	56	38546	18.413	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	48343	20.886	ug/l	97
36) 1,1-Dichloropropene	7.829	75	36374	19.204	ug/l	99
37) Ethyl Acetate	6.970	43	17919	21.353	ug/l	98
38) Carbon Tetrachloride	7.811	117	44740	20.382	ug/l	96
39) Methylcyclohexane	9.103	83	43215	17.779	ug/l	96
40) Benzene	8.073	78	114211	19.661	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	25633	55.963	ug/l #	30
42) 1,2-Dichloroethane	8.152	62	33896	21.608	ug/l	95
43) Isopropyl Acetate	8.189	43	34701	20.447	ug/l #	79
44) Trichloroethene	8.859	130	30859	19.038	ug/l	93
45) 1,2-Dichloropropane	9.140	63	25797	19.931	ug/l	97
46) Dibromomethane	9.225	93	16461	19.609	ug/l	99
47) Bromodichloromethane	9.420	83	40649	19.737	ug/l	95
48) Methyl methacrylate	9.219	41	15834	20.934	ug/l	85
49) 1,4-Dioxane	9.219	88	3670	360.901	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	88395	98.132	ug/l	93
52) Toluene	10.170	92	74398	19.511	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	33487	19.601	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	36096	17.568	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	21847	20.216	ug/l	95
56) Ethyl methacrylate	10.438	69	27873	19.705	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	35274	20.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	60305	89.868	ug/l	97
59) 2-Hexanone	10.762	43	60432	97.652	ug/l	91
60) Dibromochloromethane	10.914	129	28694	19.495	ug/l	98
61) 1,2-Dibromoethane	11.018	107	20204	19.343	ug/l	98
64) Tetrachloroethene	10.646	164	32540	20.301	ug/l	96
65) Chlorobenzene	11.444	112	79820	18.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29005	19.533	ug/l	96
67) Ethyl Benzene	11.517	91	138792	18.937	ug/l	98
68) m/p-Xylenes	11.633	106	107110	36.832	ug/l	96
69) o-Xylene	11.956	106	50152	18.623	ug/l	97
70) Styrene	11.975	104	88410	19.252	ug/l	97
71) Bromoform	12.133	173	15794	18.606	ug/l #	97
73) Isopropylbenzene	12.255	105	132300	20.368	ug/l	99
74) N-amyl acetate	12.072	43	28932	20.427	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	23036	19.921	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	30045	35.950	ug/l #	100
77) Bromobenzene	12.536	156	31505	20.197	ug/l	97
78) n-propylbenzene	12.597	91	156425	20.145	ug/l	100
79) 2-Chlorotoluene	12.682	91	87919	20.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	106489	20.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6223	18.389	ug/l #	83
82) 4-Chlorotoluene	12.779	91	90955	20.082	ug/l	98
83) tert-Butylbenzene	12.999	119	98837	20.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	105620	20.027	ug/l	99
85) sec-Butylbenzene	13.176	105	141055	19.808	ug/l	99
86) p-Isopropyltoluene	13.292	119	116166	19.860	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	59681	19.400	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	58865	19.249	ug/l	98
89) n-Butylbenzene	13.621	91	101155	18.969	ug/l	99
90) Hexachloroethane	13.883	117	22976	19.929	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	52395	19.365	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3443	20.239	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	26646	17.463	ug/l	99
94) Hexachlorobutadiene	15.029	225	16754	21.081	ug/l	98
95) Naphthalene	15.145	128	48934	17.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	24017	18.662	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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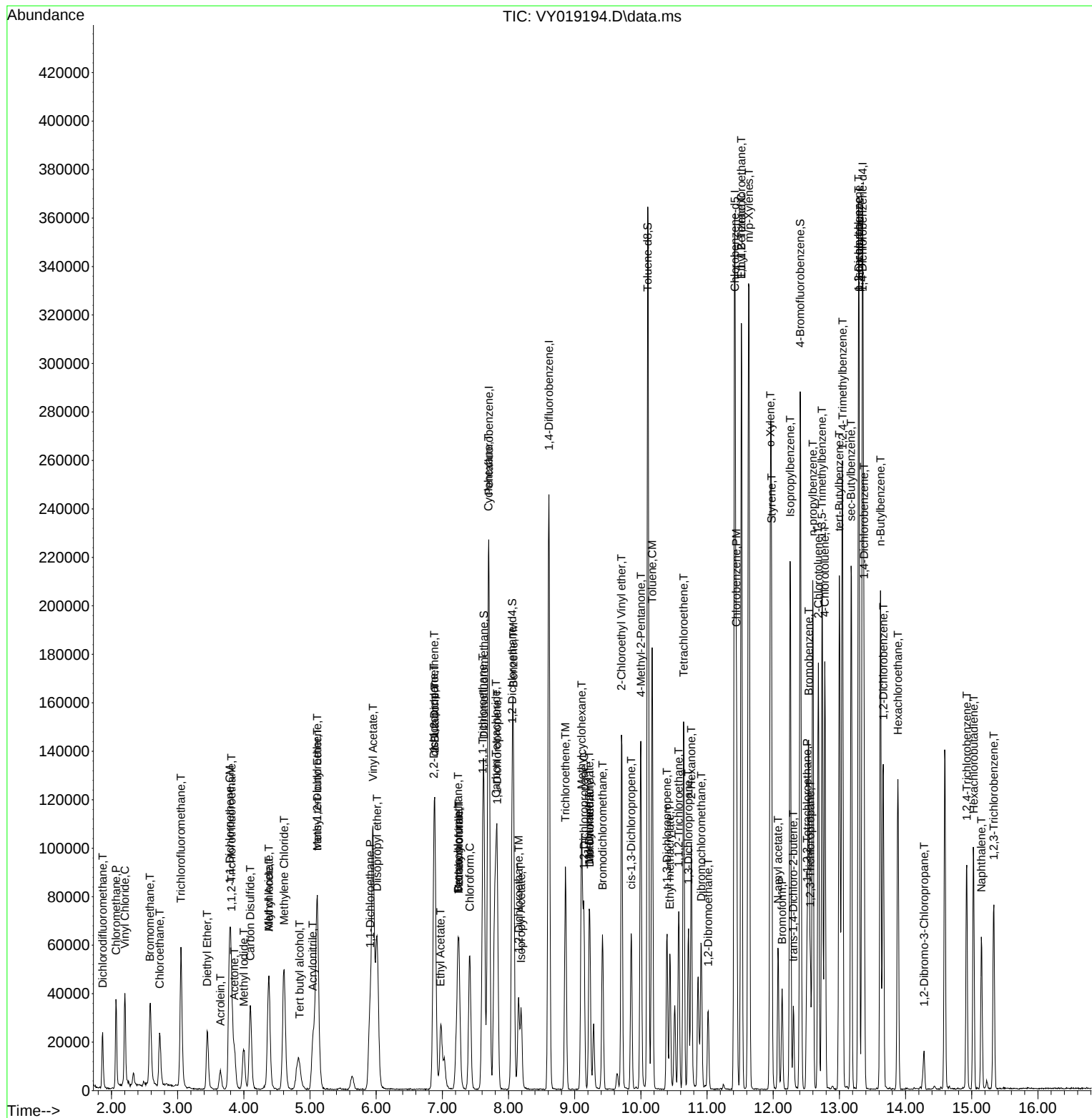
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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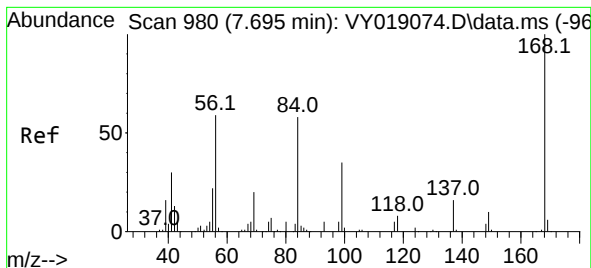
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

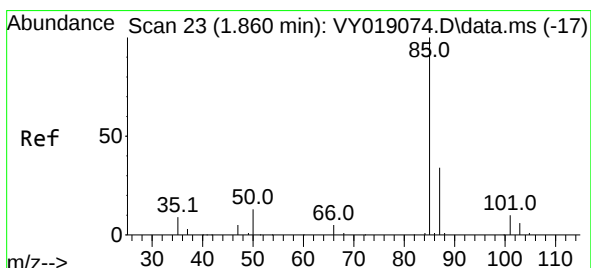
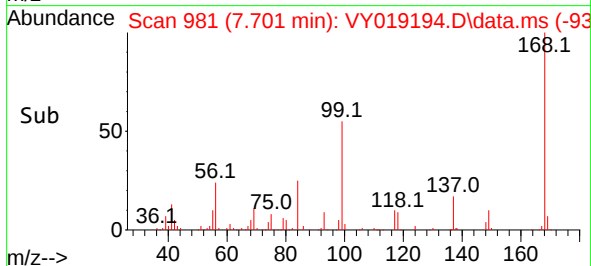
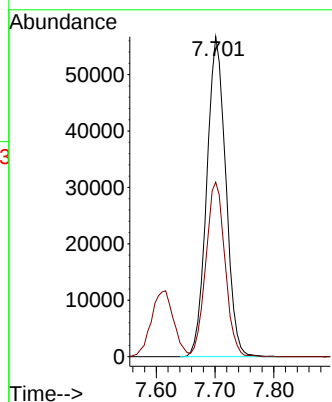
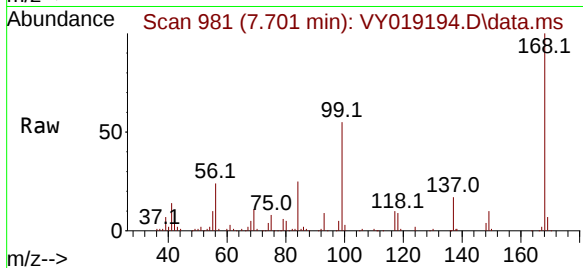
ClientSampleId :

Tgt Ion:168 Resp: 127304

Ion Ratio Lower Upper

168 100

99 54.6 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 20.230 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY019194.D

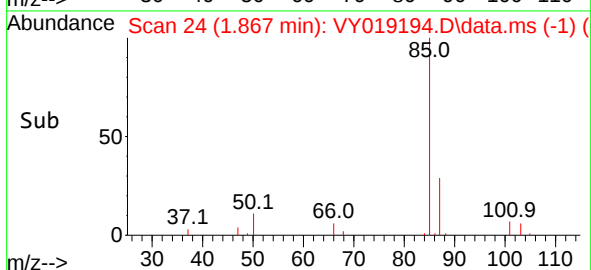
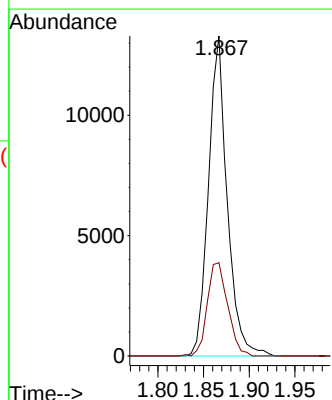
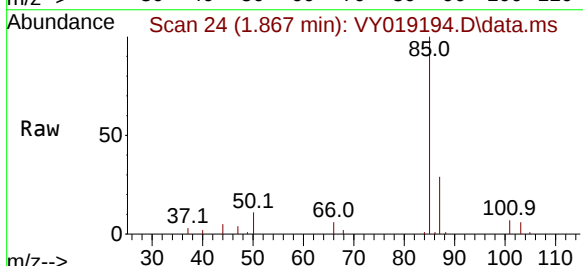
Acq: 22 Aug 2024 02:58

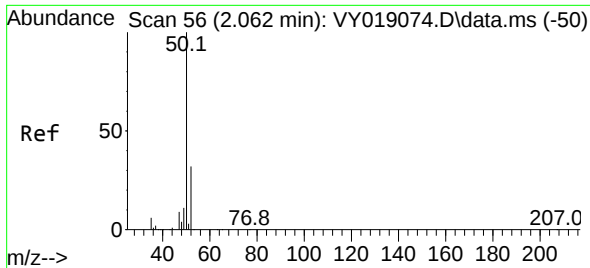
Tgt Ion: 85 Resp: 18895

Ion Ratio Lower Upper

85 100

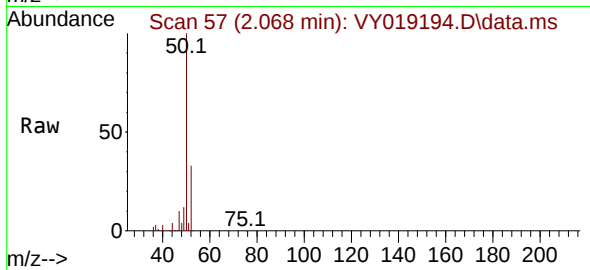
87 29.2 16.0 48.0



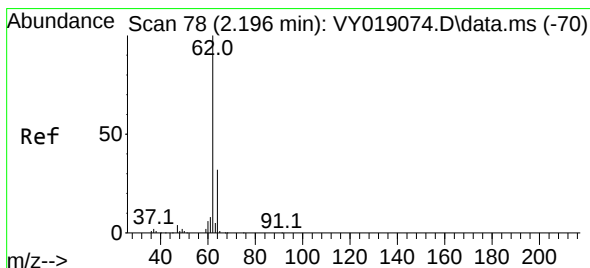
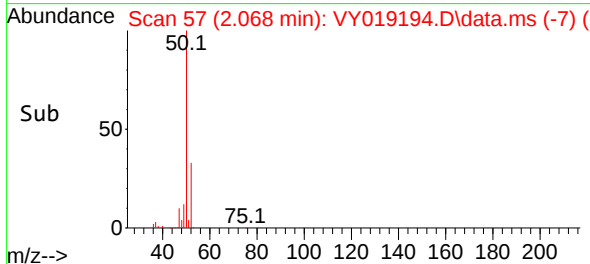
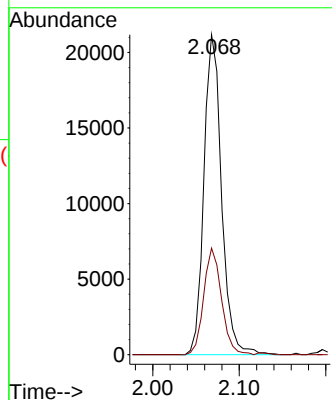


#3
Chloromethane
Concen: 17.779 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Instrument :
MSVOA_Y
ClientSampleId :

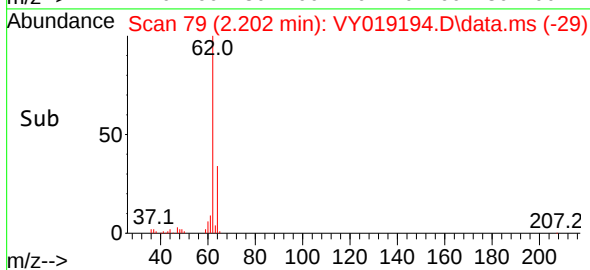
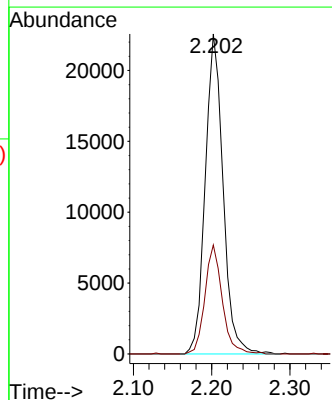
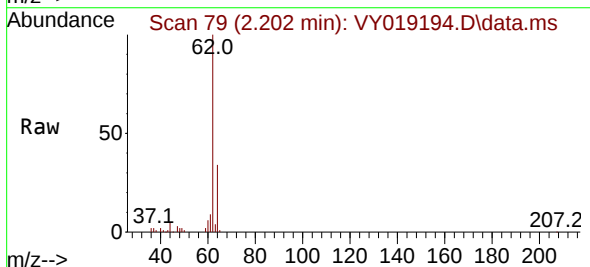


Tgt Ion: 50 Resp: 29931
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 17.127 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 62 Resp: 35616
Ion Ratio Lower Upper
62 100
64 34.1 26.1 39.1

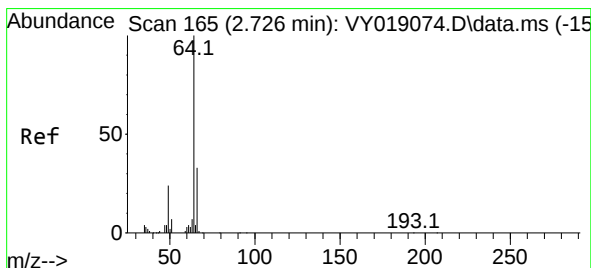
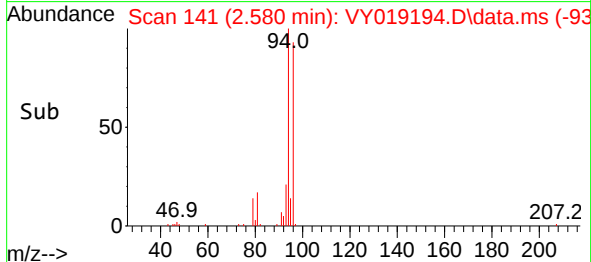
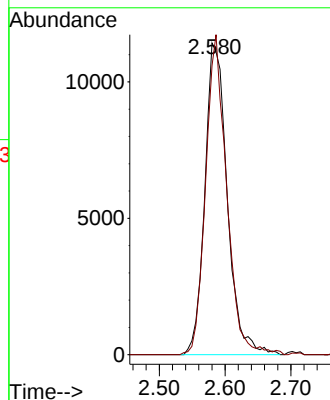
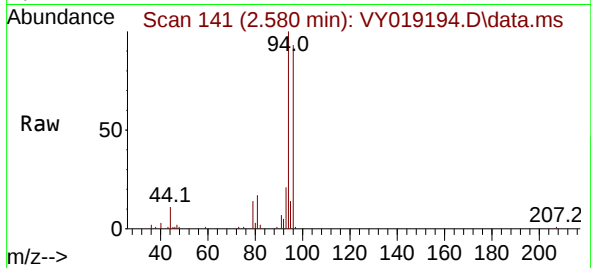




#5
Bromomethane
Concen: 17.483 ug/l
RT: 2.580 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

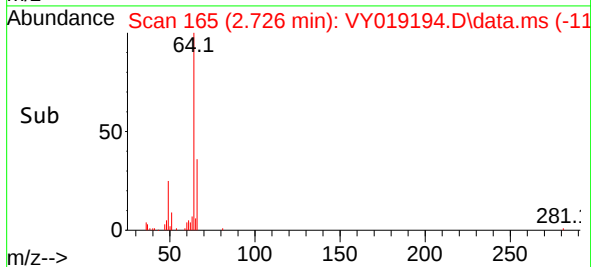
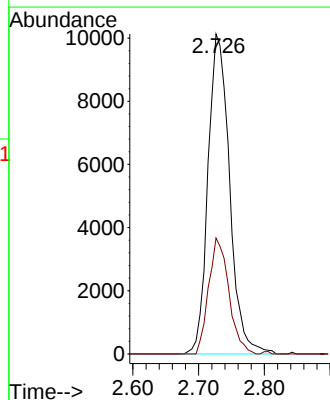
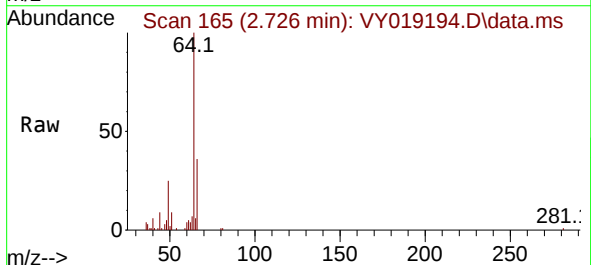
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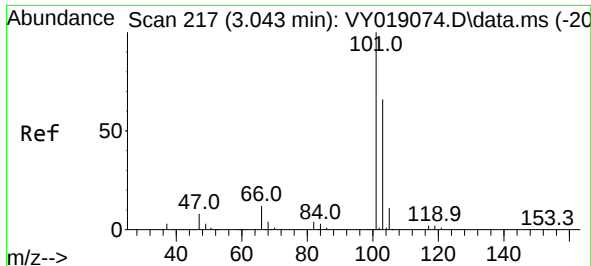
Tgt Ion: 94 Resp: 27080
Ion Ratio Lower Upper
94 100
96 92.8 74.1 111.1



#6
Chloroethane
Concen: 16.287 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 64 Resp: 23135
Ion Ratio Lower Upper
64 100
66 36.2 26.1 39.1

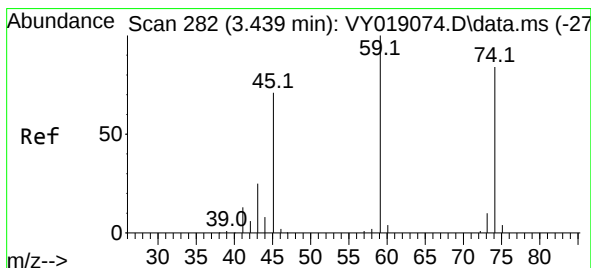
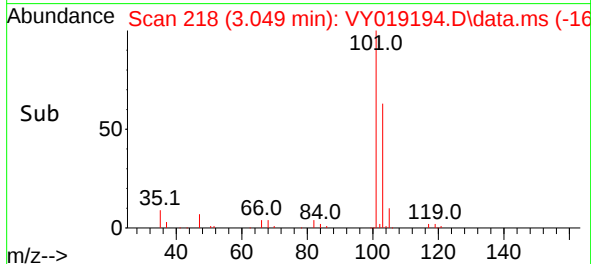
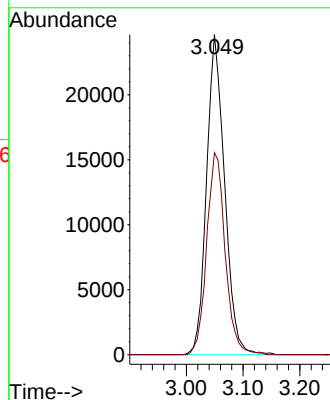
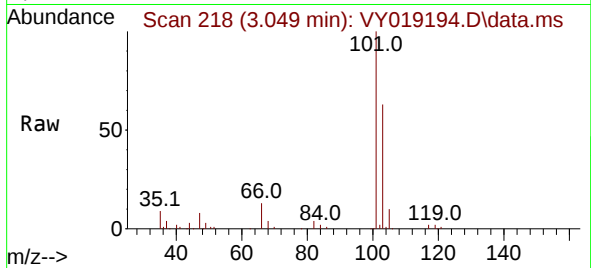




#7
Trichlorofluoromethane
Concen: 17.313 ug/l
RT: 3.049 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

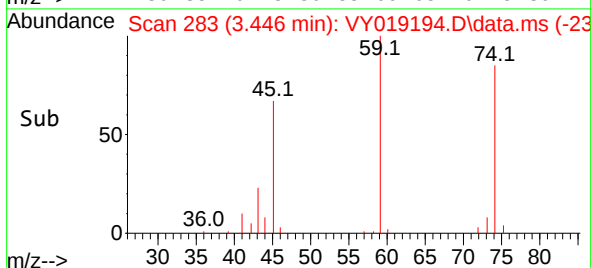
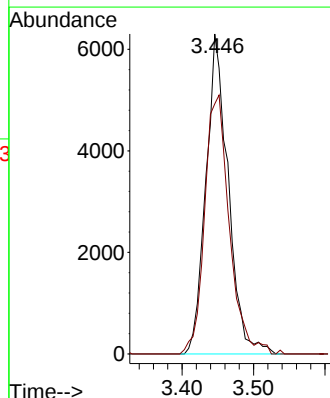
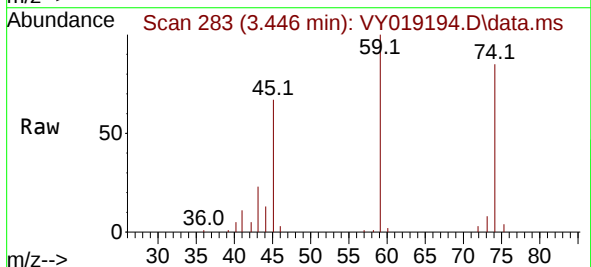
Instrument :
MSVOA_Y
ClientSampleId :

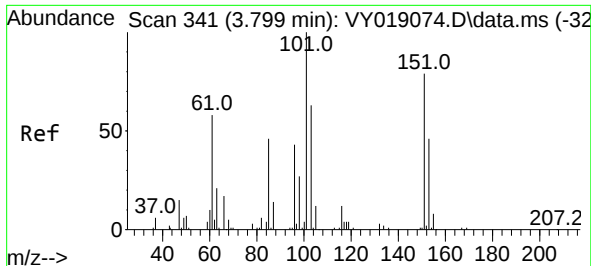
Tgt Ion:101 Resp: 54431
Ion Ratio Lower Upper
101 100
103 63.1 49.3 73.9



#8
Diethyl Ether
Concen: 20.120 ug/l
RT: 3.446 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY019194.D
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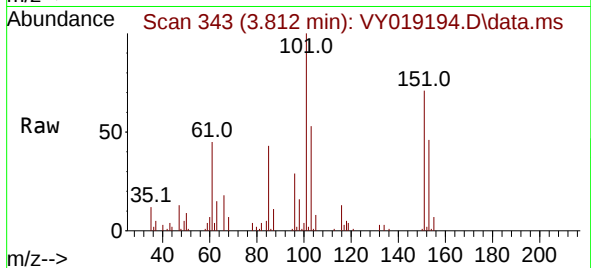
Tgt Ion: 74 Resp: 13654
Ion Ratio Lower Upper
74 100
45 89.7 41.3 124.1



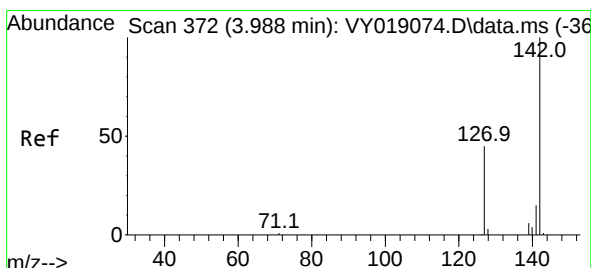
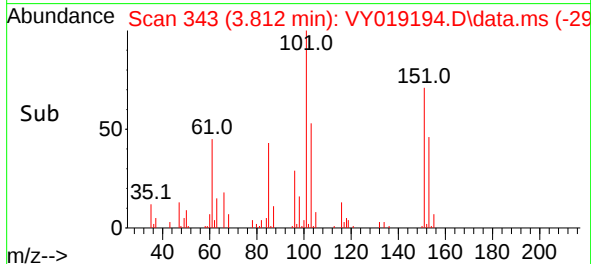
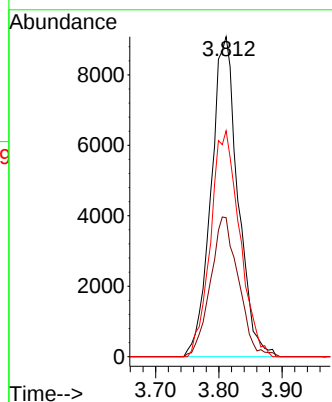


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.169 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Instrument :
MSVOA_Y
ClientSampleId :

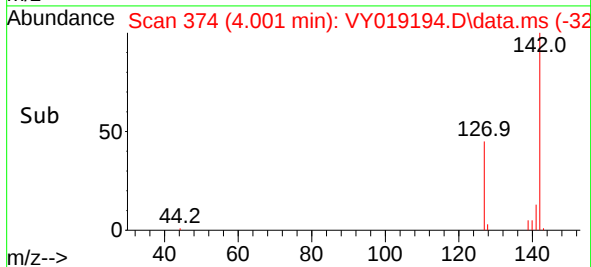
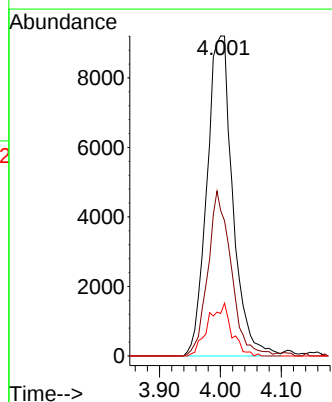
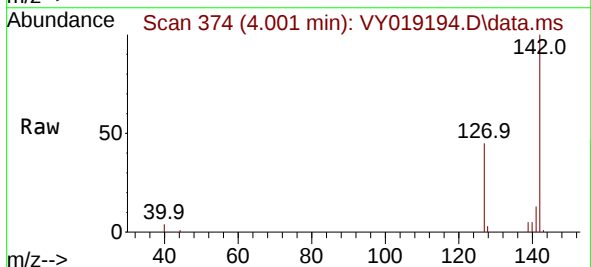


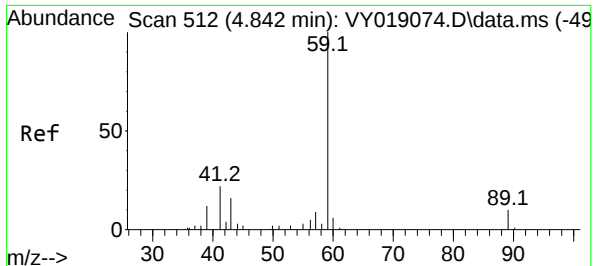
Tgt Ion:101	Resp:	26793
Ion	Ratio	Lower Upper
101	100	
85	45.5	34.5 51.7
151	76.3	61.7 92.5



#10
Methyl Iodide
Concen: 19.790 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

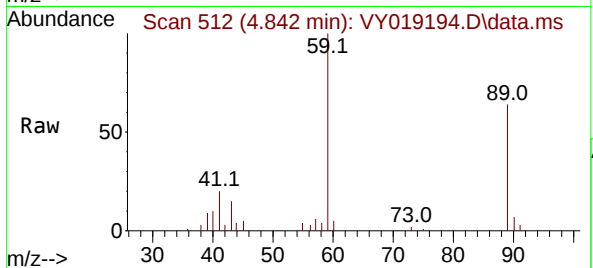
Tgt Ion:142	Resp:	27113
Ion	Ratio	Lower Upper
142	100	
127	46.6	32.8 49.2
141	15.1	11.4 17.2



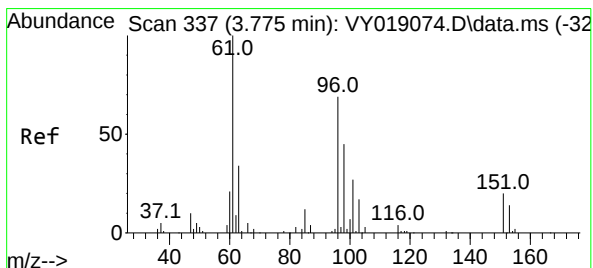
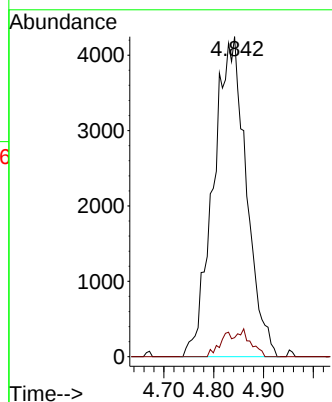
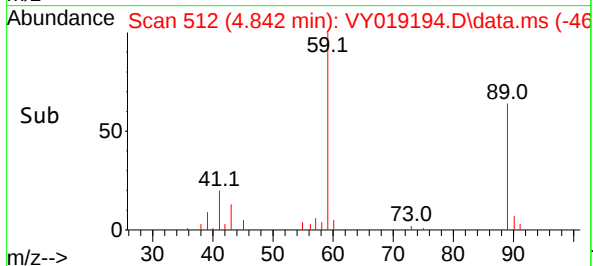


#11
Tert butyl alcohol
Concen: 164.345 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

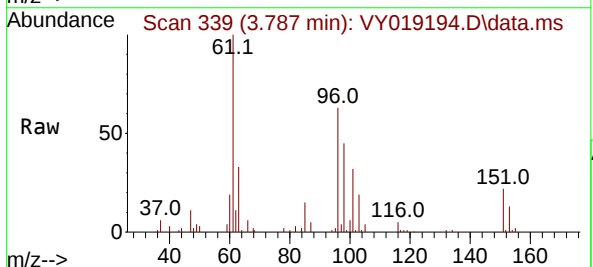
Instrument :
MSVOA_Y
ClientSampleId :



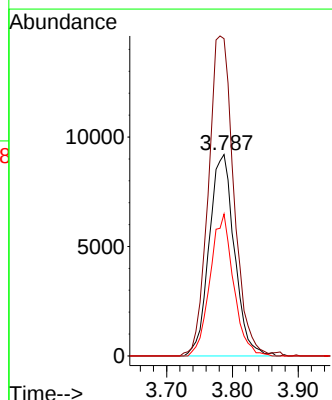
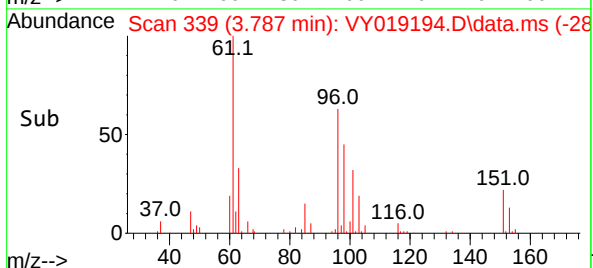
Tgt Ion: 59 Resp: 19415
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.6#

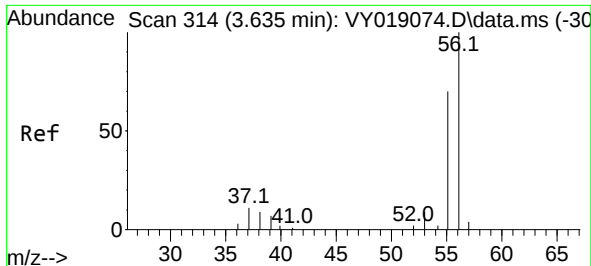


#12
1,1-Dichloroethene
Concen: 19.373 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58



Tgt Ion: 96 Resp: 24601
Ion Ratio Lower Upper
96 100
61 157.5 114.6 171.8
98 70.5 50.8 76.2





#13

Acrolein

Concen: 74.736 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

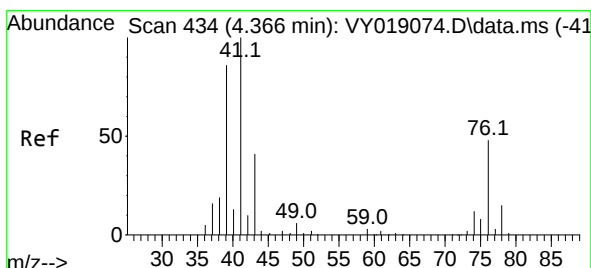
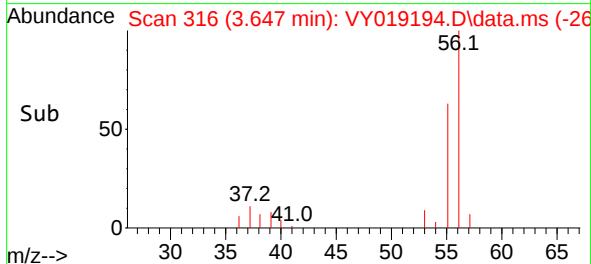
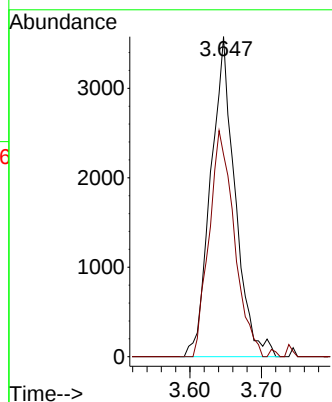
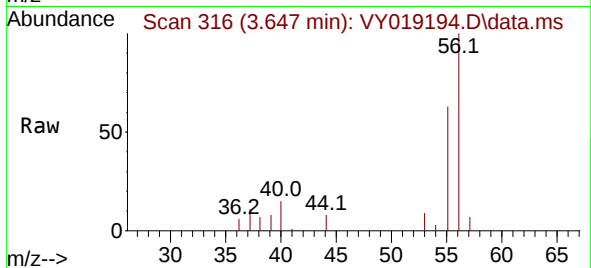
ClientSampleId :

Tgt Ion: 56 Resp: 8487

Ion Ratio Lower Upper

56 100

55 73.0 55.7 83.5



#14

Allyl chloride

Concen: 20.826 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.012 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

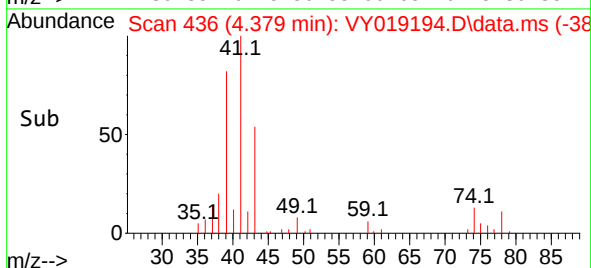
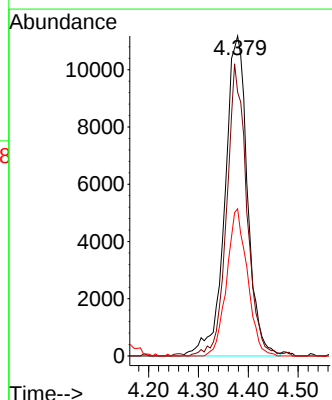
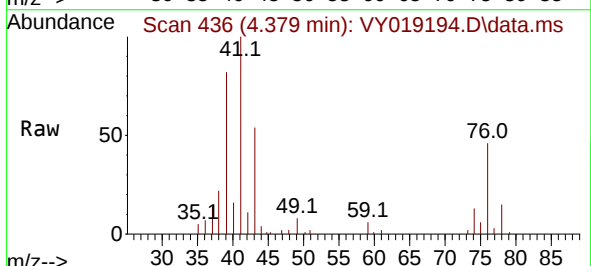
Tgt Ion: 41 Resp: 35161

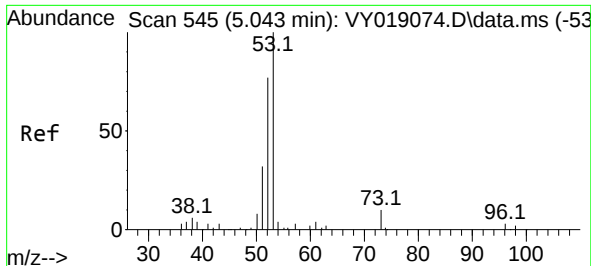
Ion Ratio Lower Upper

41 100

39 81.1 58.3 87.5

76 42.1 39.0 58.6

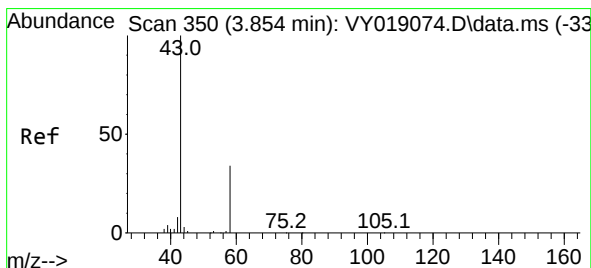
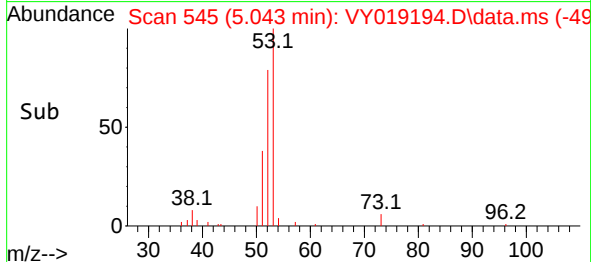
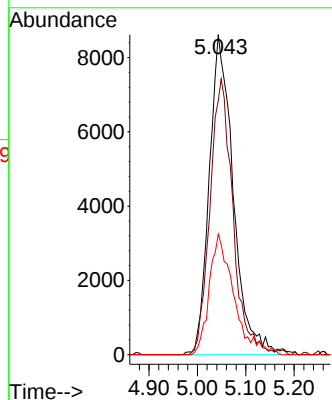
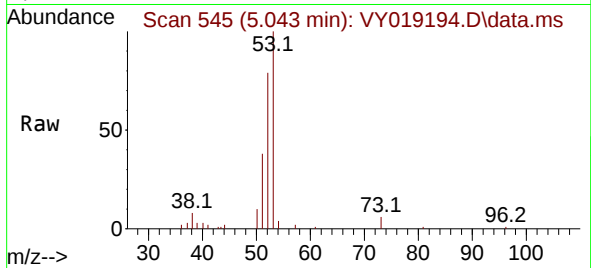




#15
Acrylonitrile
Concen: 106.714 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

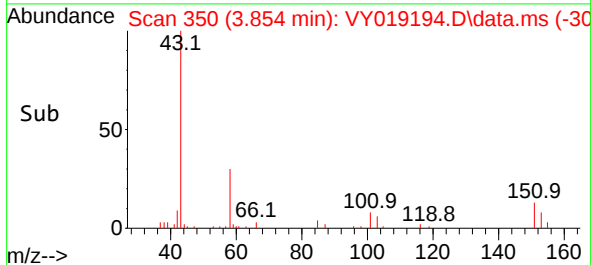
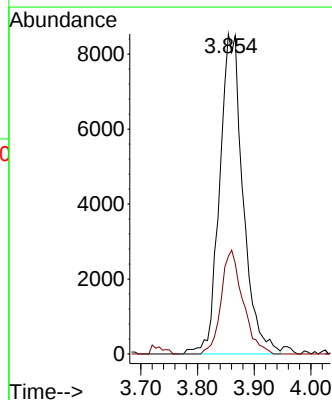
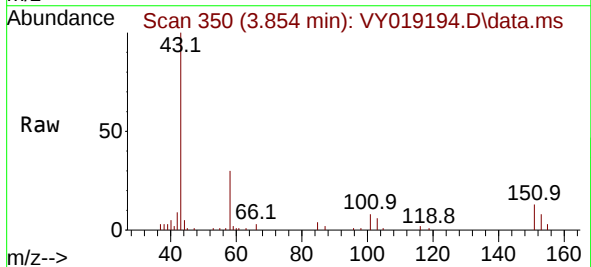
Instrument :
MSVOA_Y
ClientSampleId :

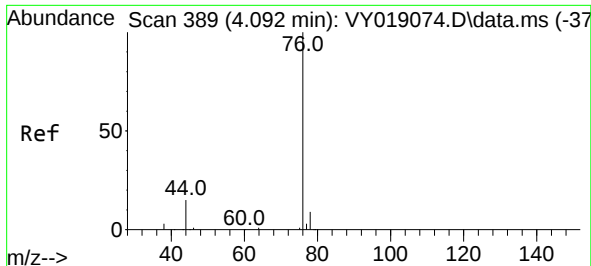
Tgt Ion:	53	Resp:	29632
Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.7	97.1
51	38.5	28.4	42.6



#16
Acetone
Concen: 103.363 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion:	43	Resp:	24462
Ion	Ratio	Lower	Upper
43	100		
58	30.5	31.7	47.5#





#17

Carbon Disulfide

Concen: 18.619 ug/l

RT: 4.098 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

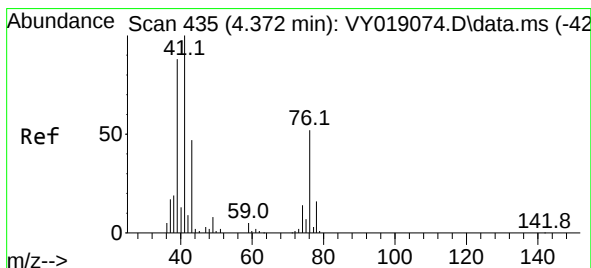
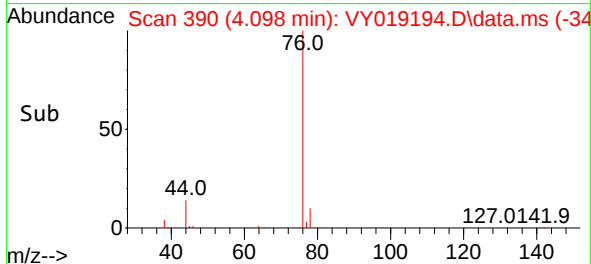
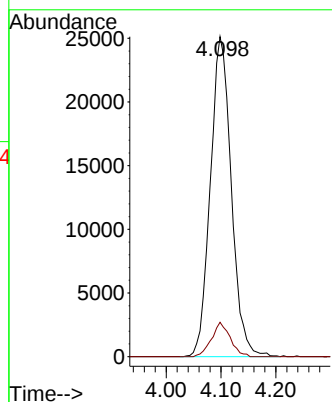
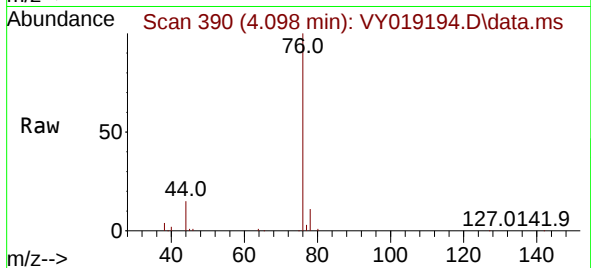
ClientSampleId :

Tgt Ion: 76 Resp: 66689

Ion Ratio Lower Upper

76 100

78 10.8 6.8 10.2#



#18

Methyl Acetate

Concen: 23.764 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY019194.D

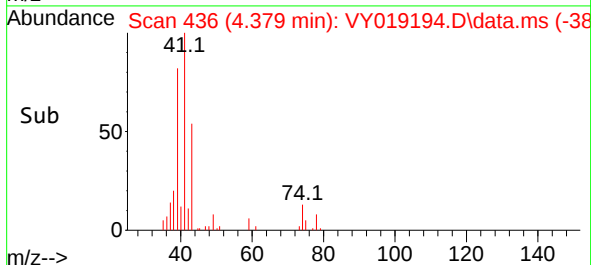
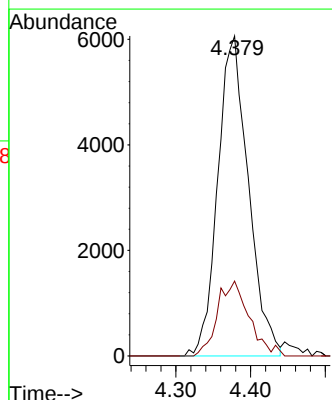
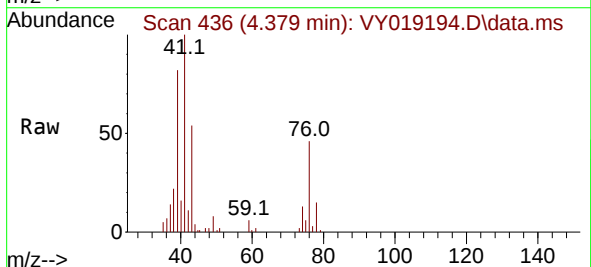
Acq: 22 Aug 2024 02:58

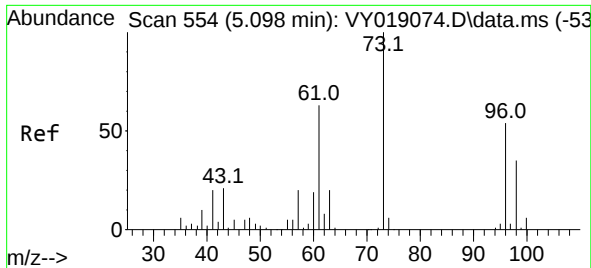
Tgt Ion: 43 Resp: 17261

Ion Ratio Lower Upper

43 100

74 24.3 23.3 34.9

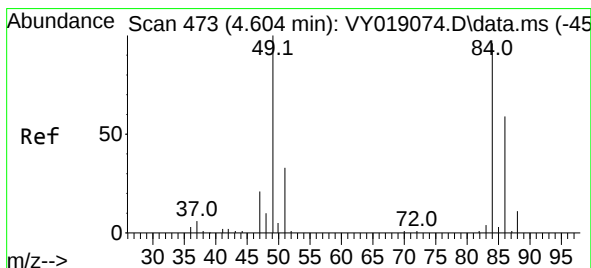
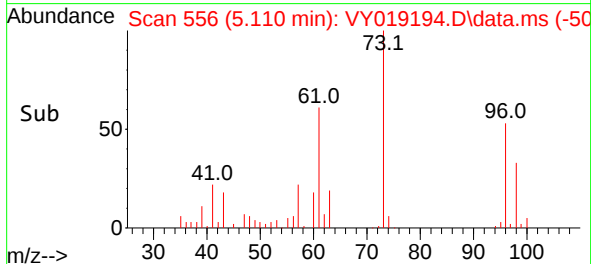
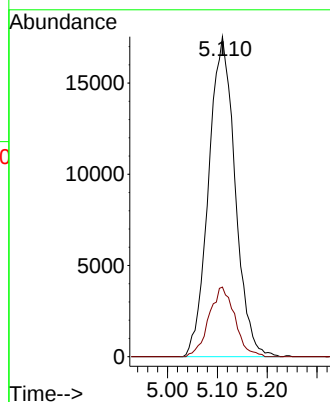
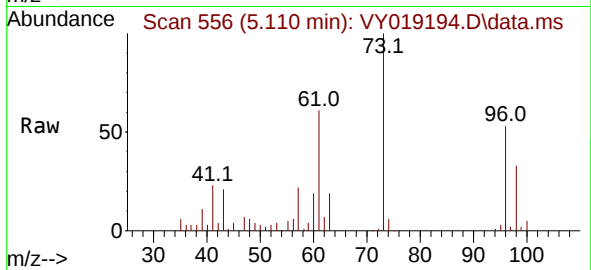




#19
Methyl tert-butyl Ether
Concen: 21.011 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

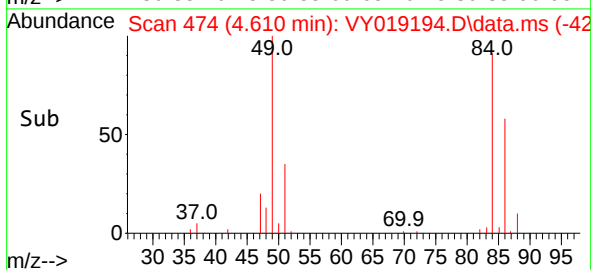
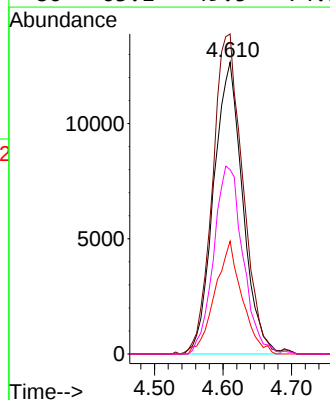
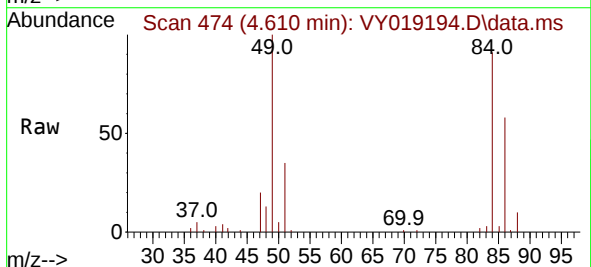
Instrument :
MSVOA_Y
ClientSampleId :

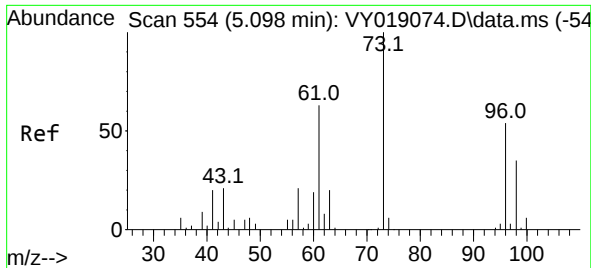
Tgt Ion: 73 Resp: 64687
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.040 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

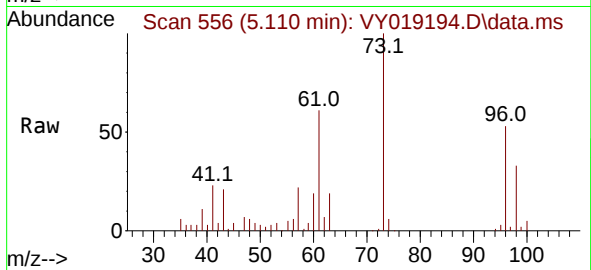
Tgt Ion: 84 Resp: 37291
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 38.7 26.0 39.0
86 63.1 49.5 74.3



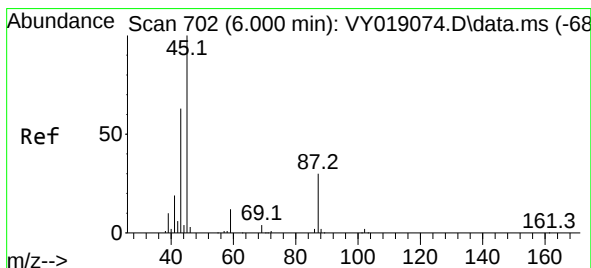
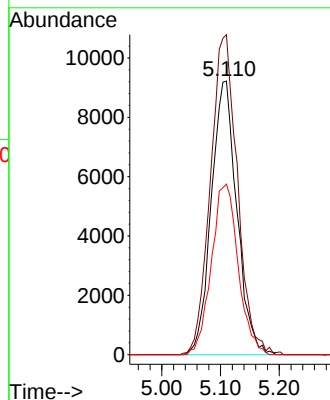
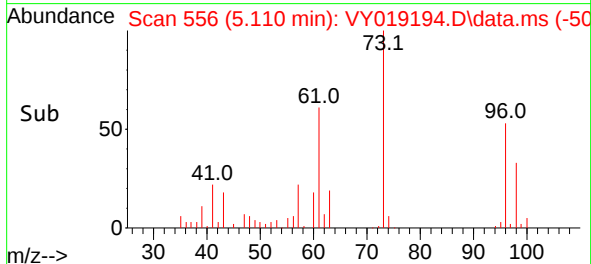


#21
trans-1,2-Dichloroethene
Concen: 19.671 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Instrument :
MSVOA_Y
ClientSampleId :

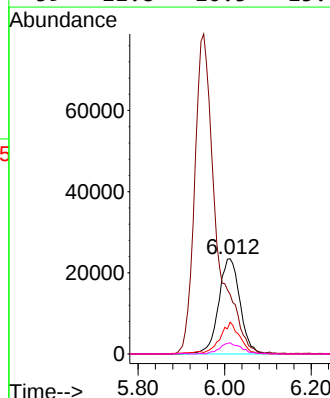
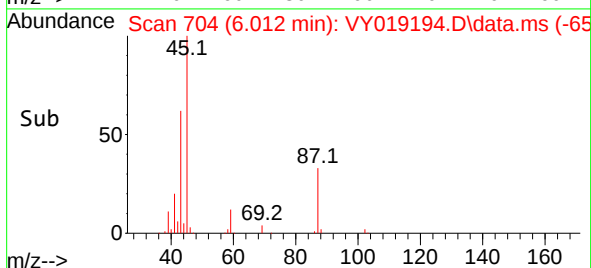
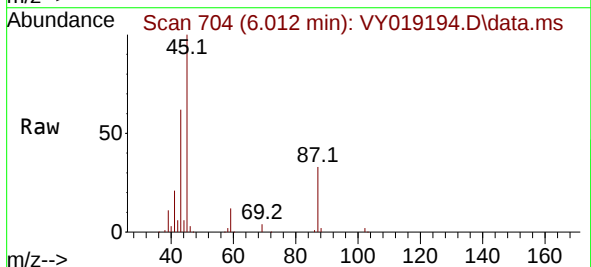


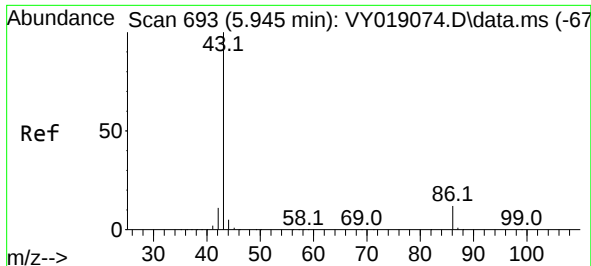
Tgt Ion: 96 Resp: 27907
Ion Ratio Lower Upper
96 100
61 117.0 97.5 146.3
98 62.4 50.5 75.7



#22
Diisopropyl ether
Concen: 20.877 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 45 Resp: 80689
Ion Ratio Lower Upper
45 100
43 61.8 42.2 63.2
87 33.4 25.0 37.6
59 11.8 10.5 15.7

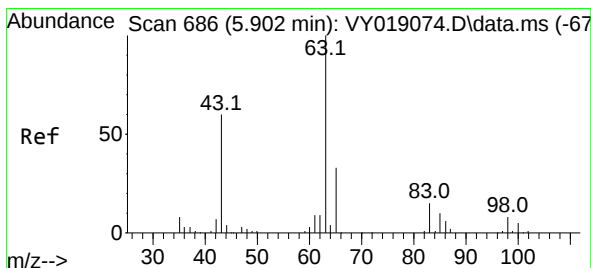
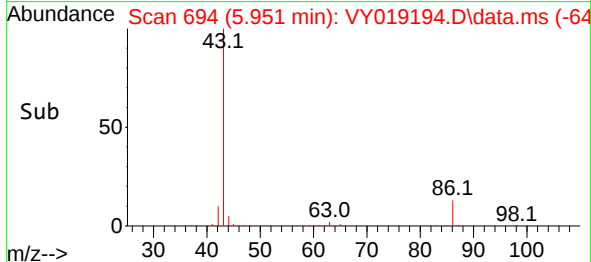
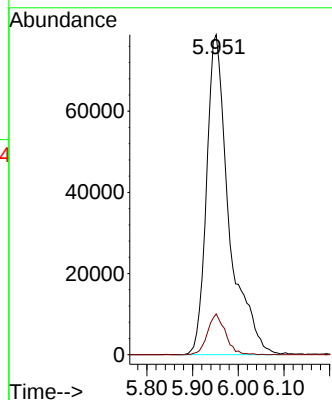
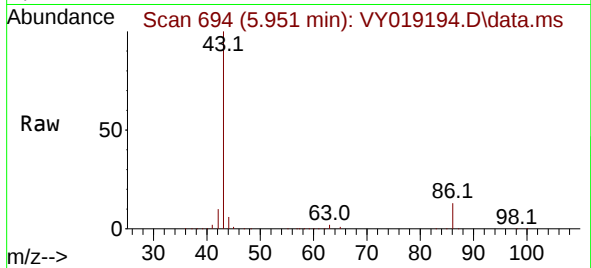




#23
 Vinyl Acetate
 Concen: 87.962 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

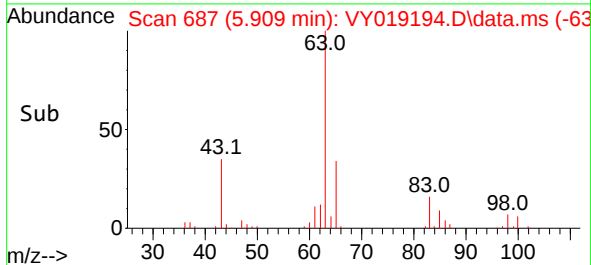
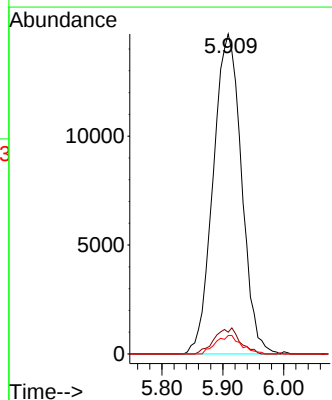
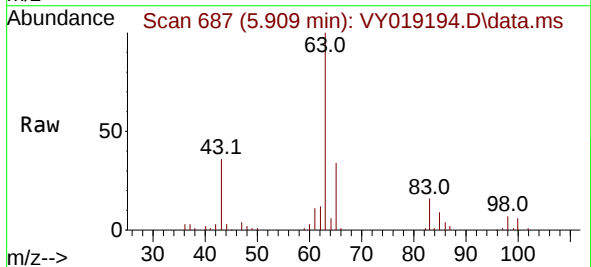
Instrument :
 MSVOA_Y
 ClientSampleId :

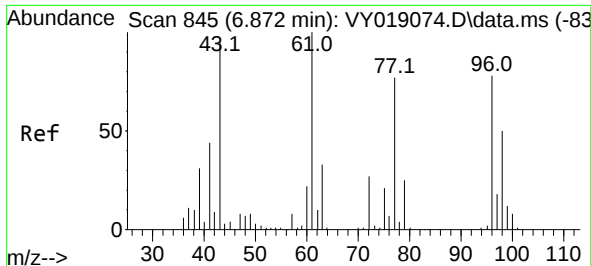
Tgt Ion: 43 Resp: 269161
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.061 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

Tgt Ion: 63 Resp: 47418
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 102.426 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

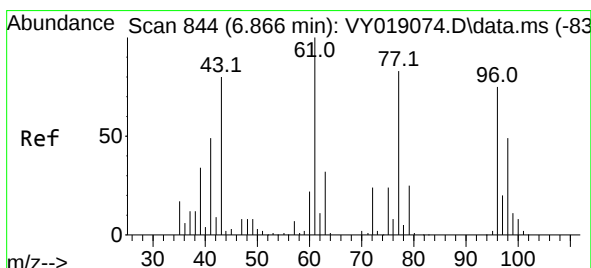
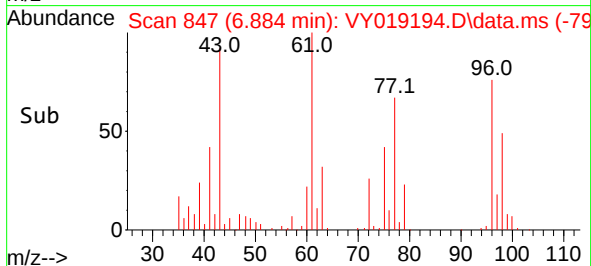
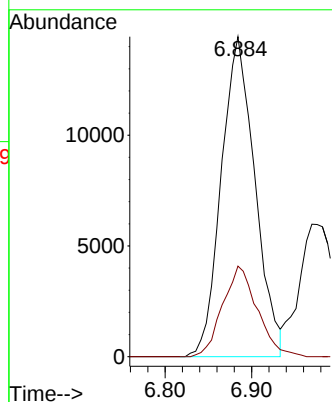
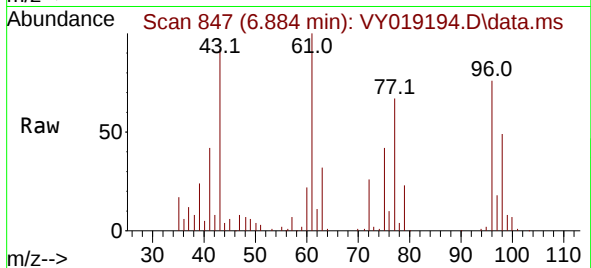
ClientSampleId :

Tgt Ion: 43 Resp: 39038

Ion Ratio Lower Upper

43 100

72 28.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019194.D

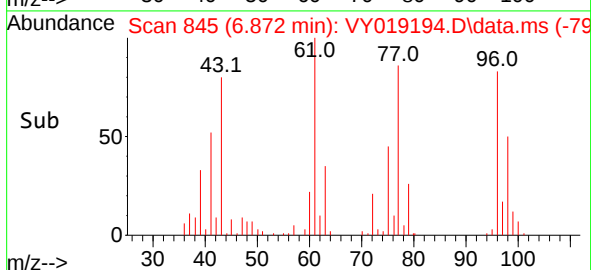
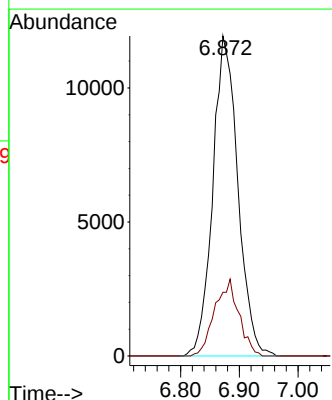
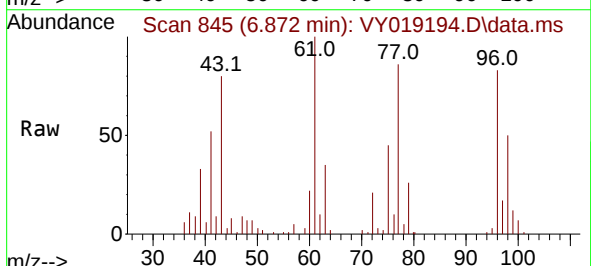
Acq: 22 Aug 2024 02:58

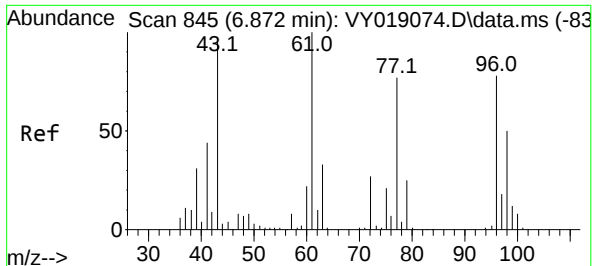
Tgt Ion: 77 Resp: 35419

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.481 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

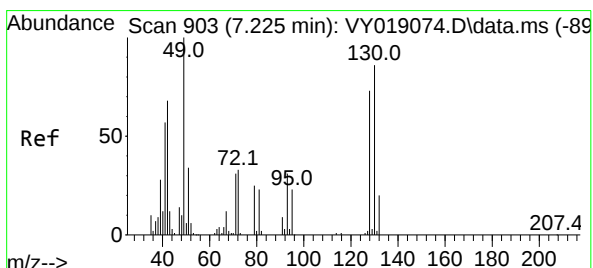
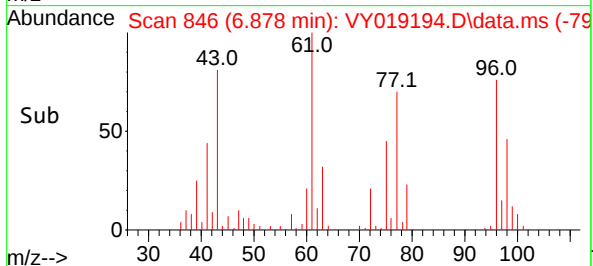
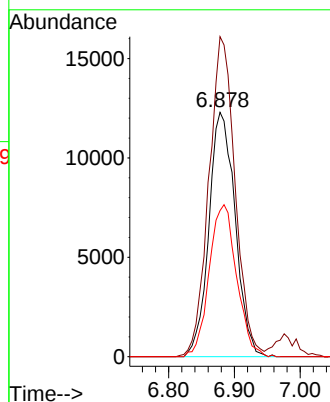
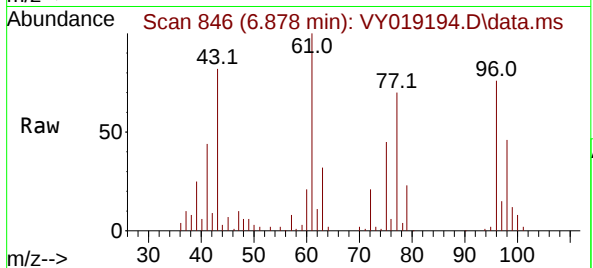
Tgt Ion: 96 Resp: 34195

Ion Ratio Lower Upper

96 100

61 131.0 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 19.902 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

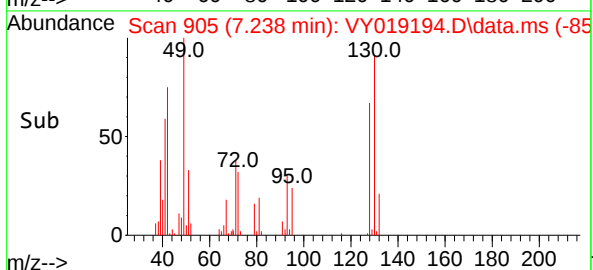
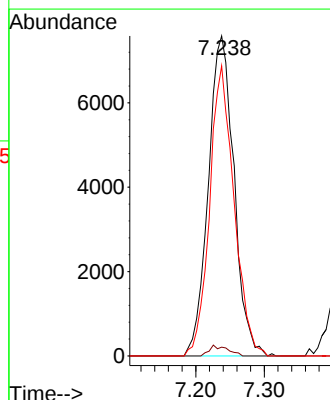
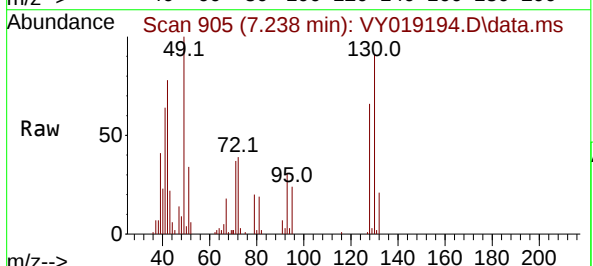
Tgt Ion: 49 Resp: 19733

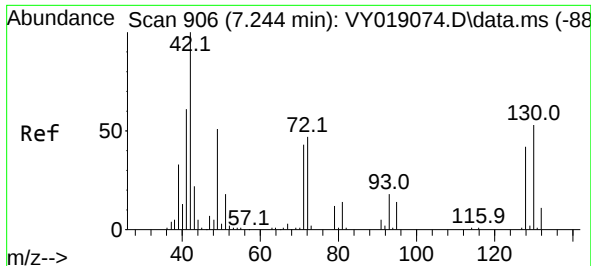
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 86.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 105.896 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

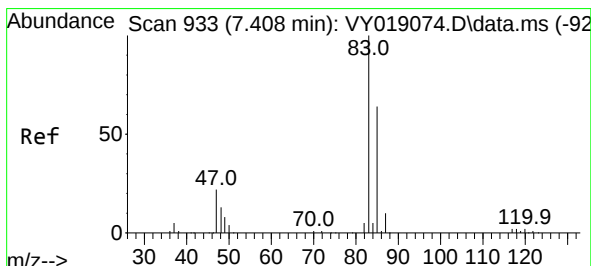
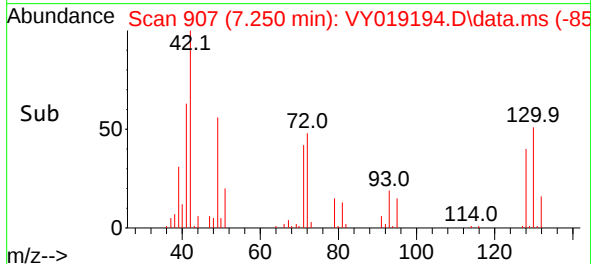
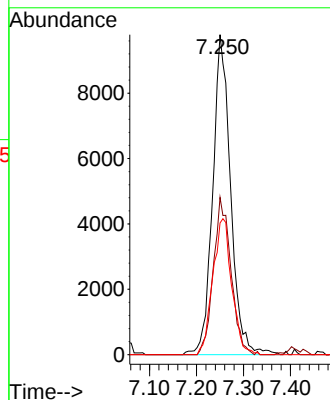
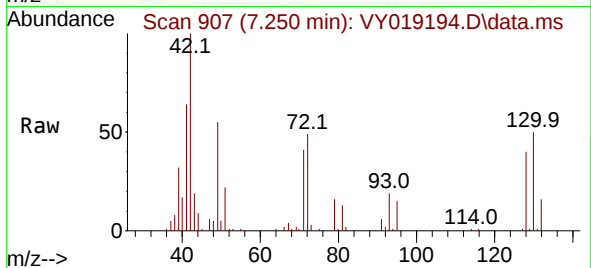
Tgt Ion: 42 Resp: 25945

Ion Ratio Lower Upper

42 100

72 48.1 43.0 64.4

71 44.9 40.8 61.2



#30

Chloroform

Concen: 20.707 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019194.D

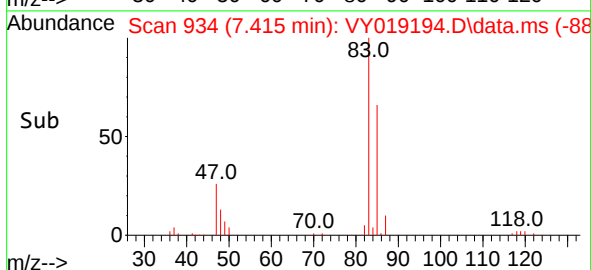
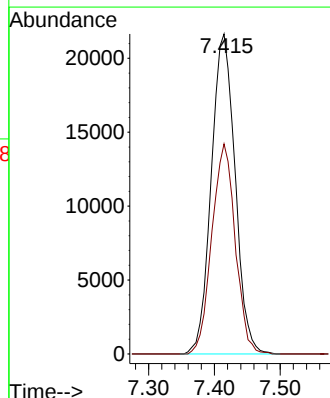
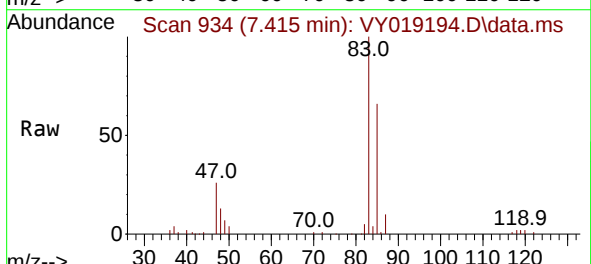
Acq: 22 Aug 2024 02:58

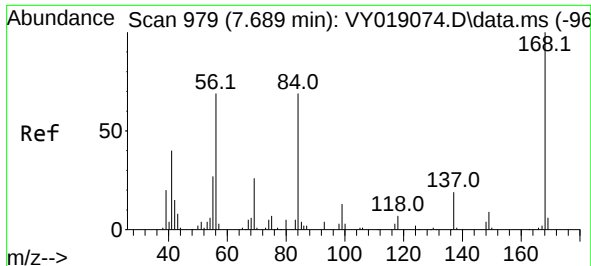
Tgt Ion: 83 Resp: 54539

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

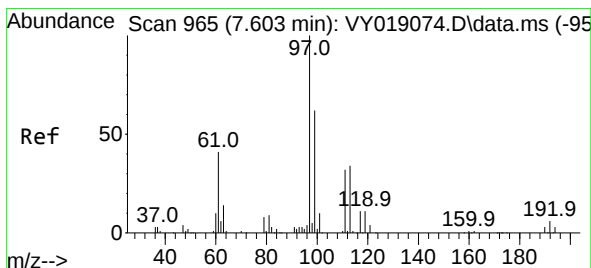
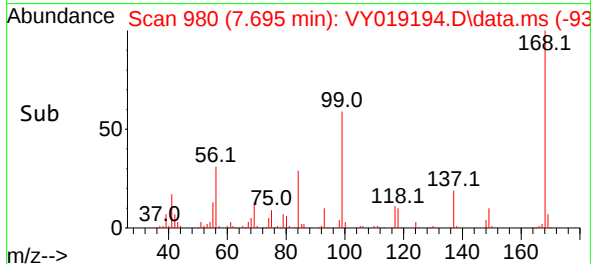
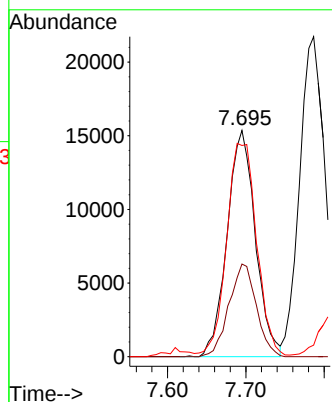
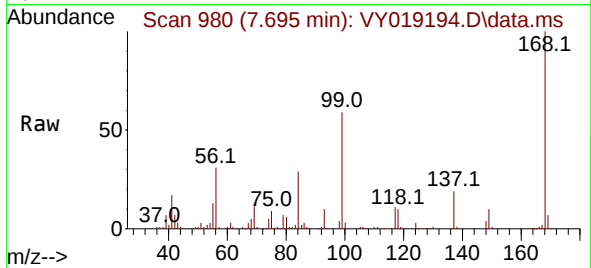




#31
Cyclohexane
Concen: 18.413 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

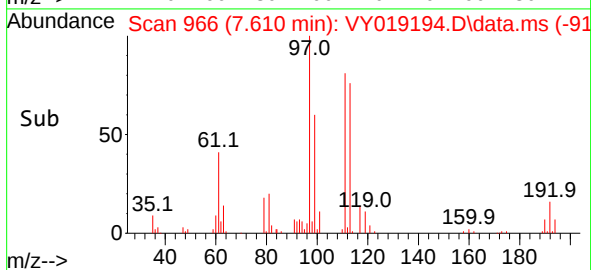
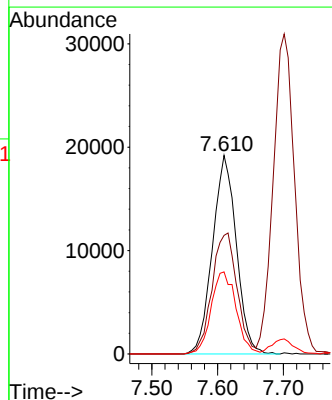
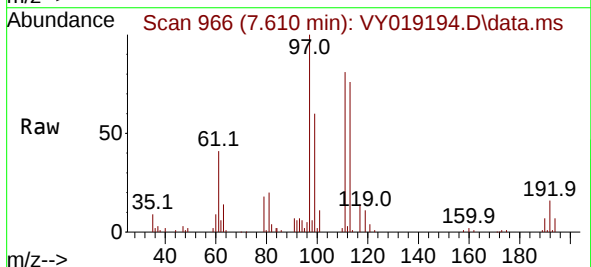
Instrument :
MSVOA_Y
ClientSampleId :

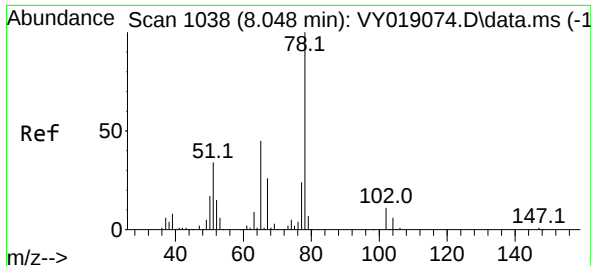
Tgt Ion: 56 Resp: 38546
Ion Ratio Lower Upper
56 100
69 41.0 28.7 43.1
84 91.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.886 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 97 Resp: 48343
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 43.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.770 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

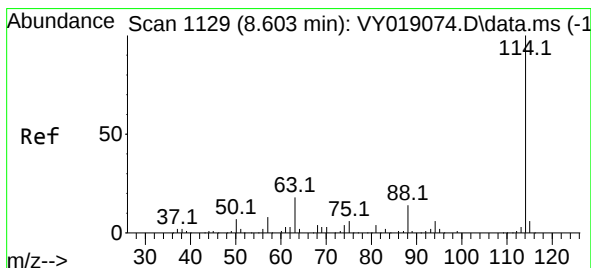
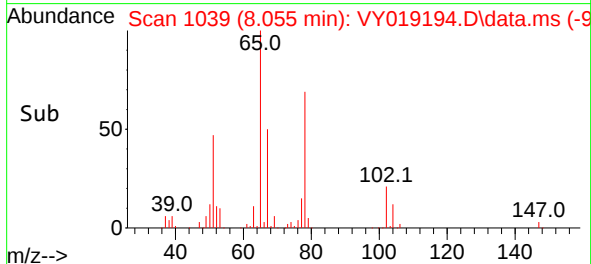
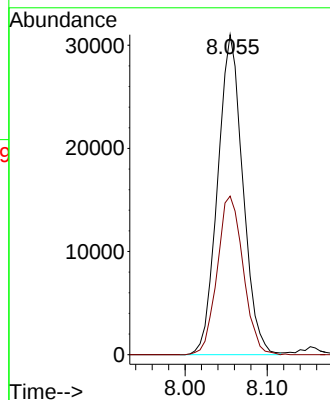
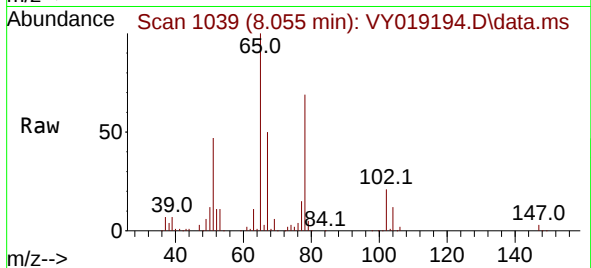
ClientSampleId :

Tgt Ion: 65 Resp: 66065

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

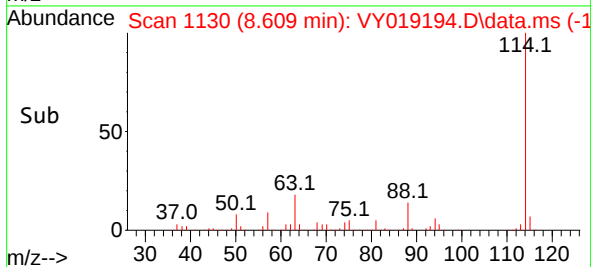
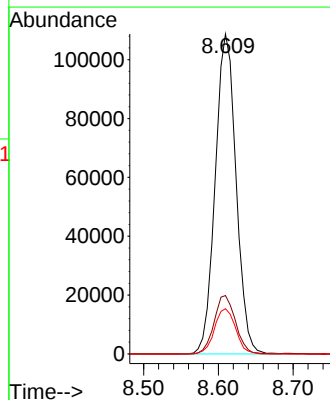
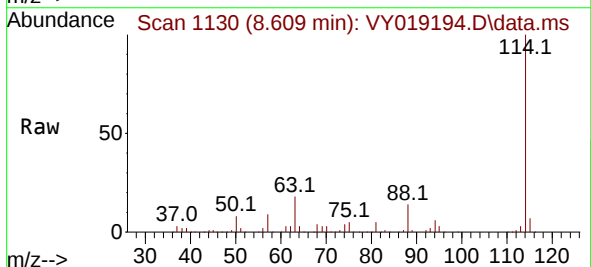
Tgt Ion: 114 Resp: 210956

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.1 0.0 27.2

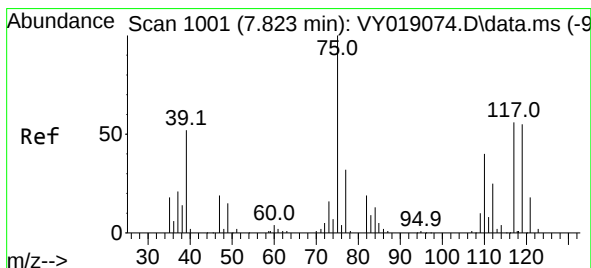
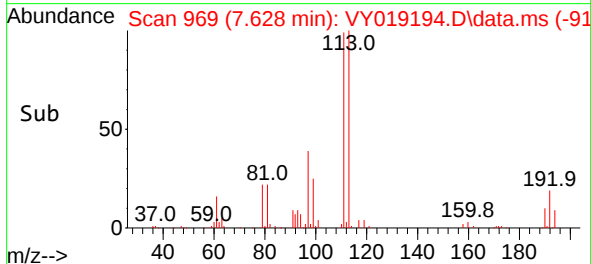
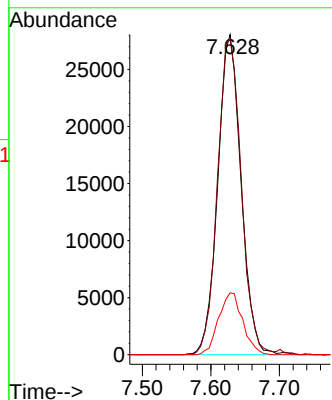
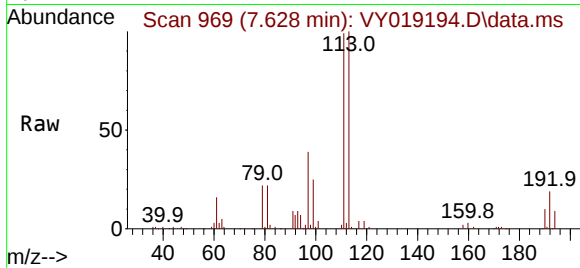




#35
 Dibromofluoromethane
 Concen: 47.922 ug/l
 RT: 7.628 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

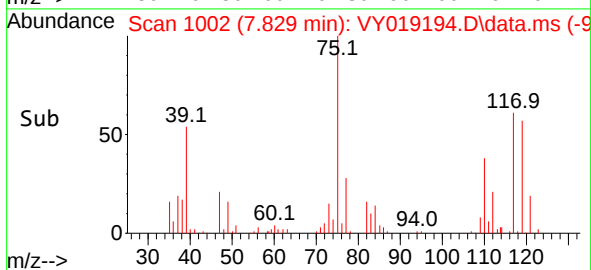
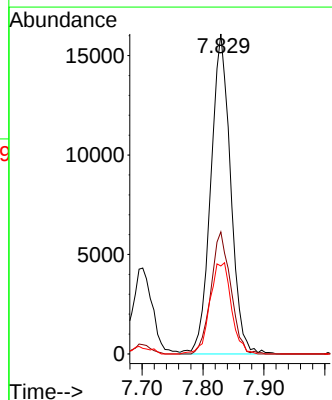
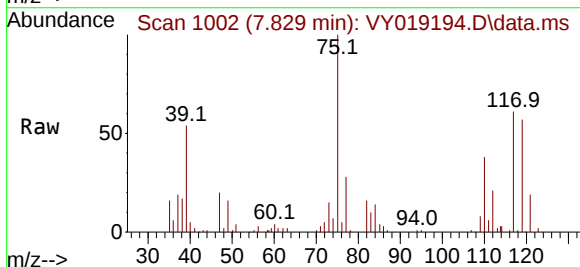
Instrument :
 MSVOA_Y
 ClientSampleId :

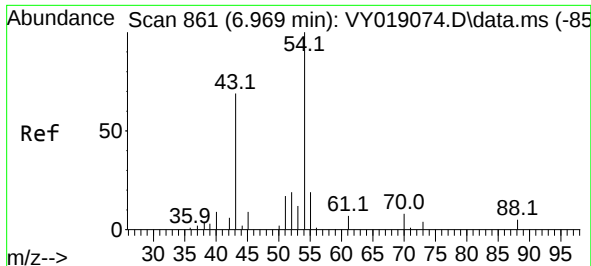
Tgt Ion:113 Resp: 66102
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 20.0 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.204 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

Tgt Ion: 75 Resp: 36374
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.0 57.0
 77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 21.353 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

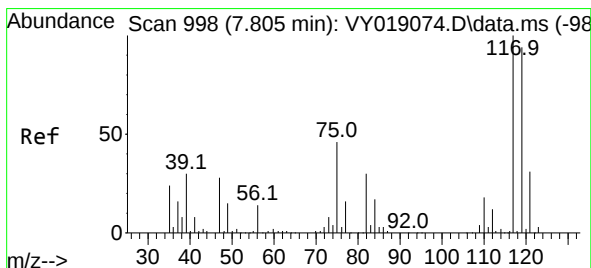
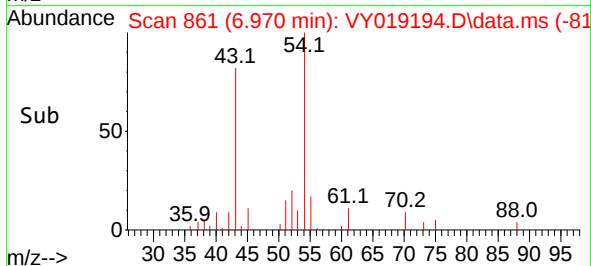
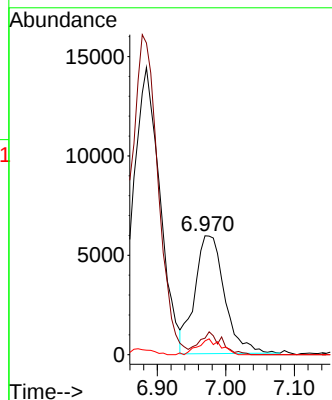
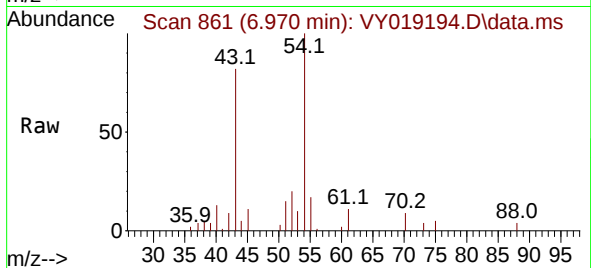
Tgt Ion: 43 Resp: 17919

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.382 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

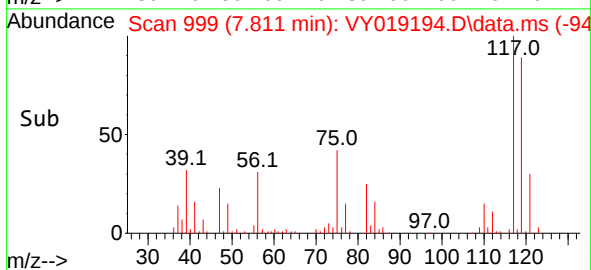
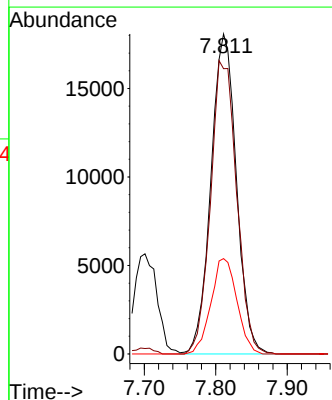
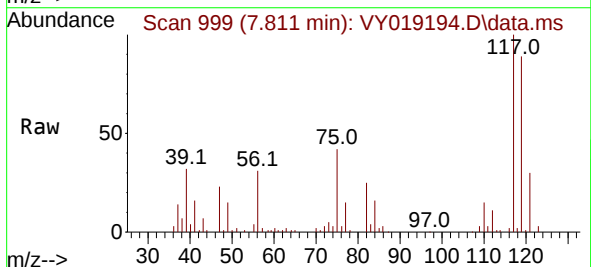
Tgt Ion: 117 Resp: 44740

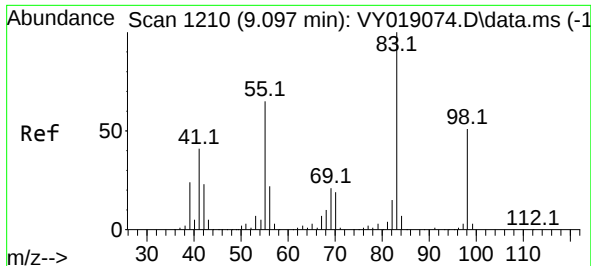
Ion Ratio Lower Upper

117 100

119 89.1 75.8 113.6

121 29.8 24.0 36.0

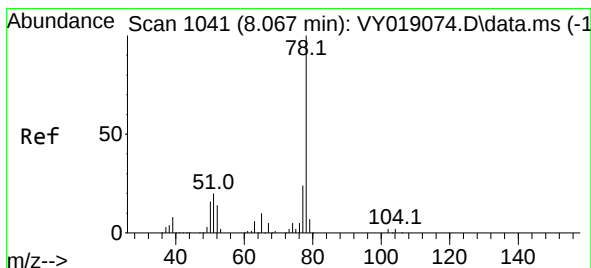
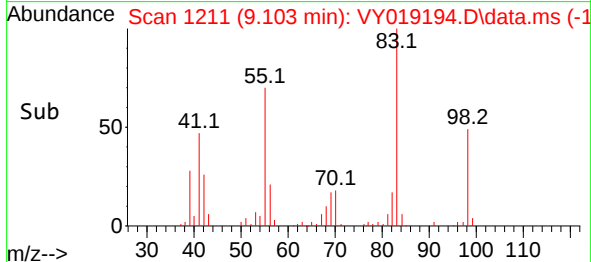
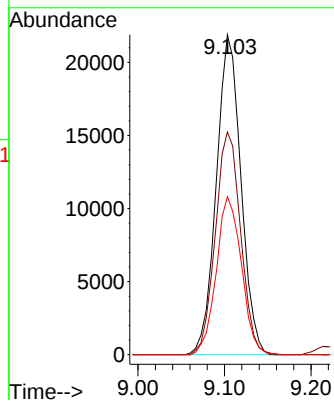
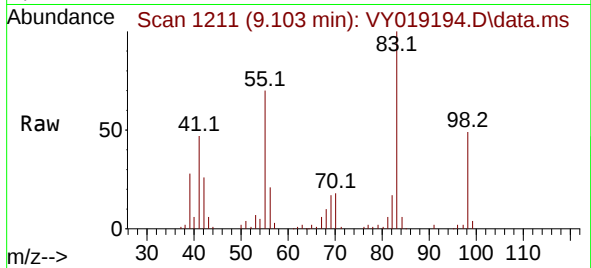




#39
Methylcyclohexane
Concen: 17.779 ug/l
RT: 9.103 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

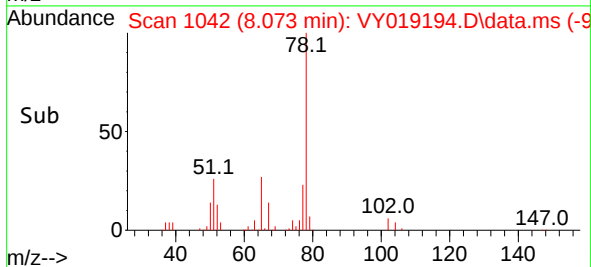
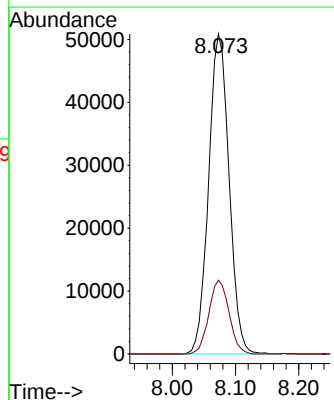
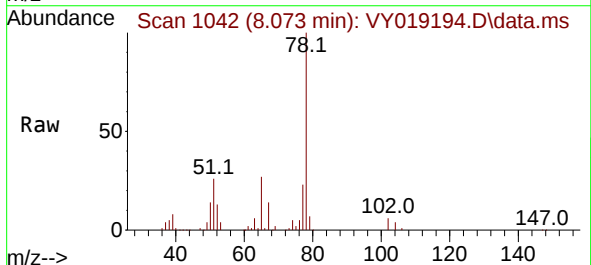
Instrument :
MSVOA_Y
ClientSampleId :

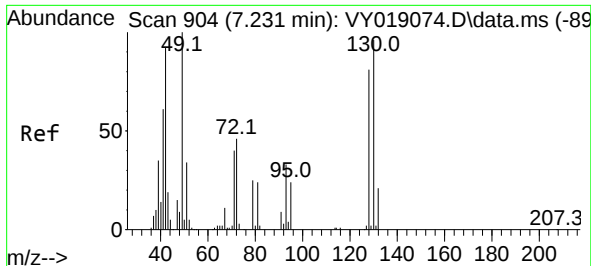
Tgt Ion: 83 Resp: 43215
Ion Ratio Lower Upper
83 100
55 69.6 51.5 77.3
98 49.4 40.5 60.7



#40
Benzene
Concen: 19.661 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

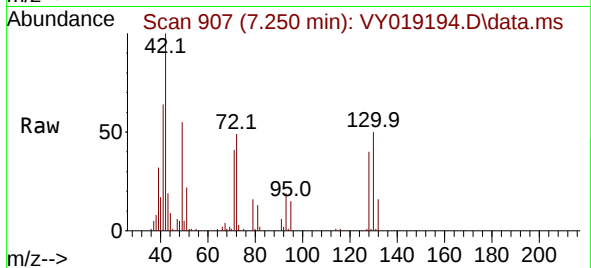
Tgt Ion: 78 Resp: 114211
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3



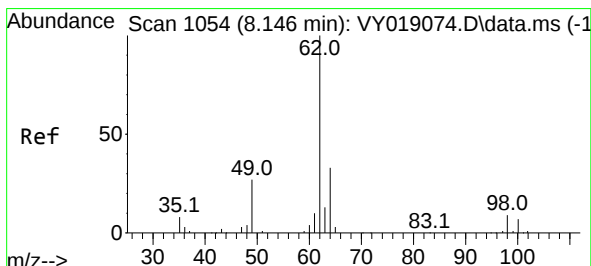
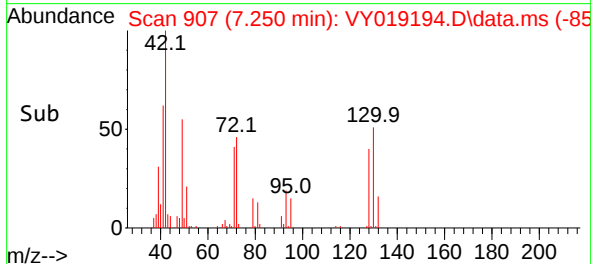
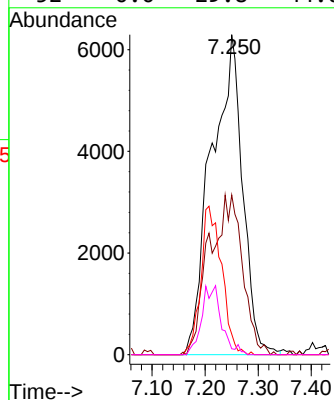


#41
Methacrylonitrile
Concen: 55.963 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Instrument :
MSVOA_Y
ClientSampleId :

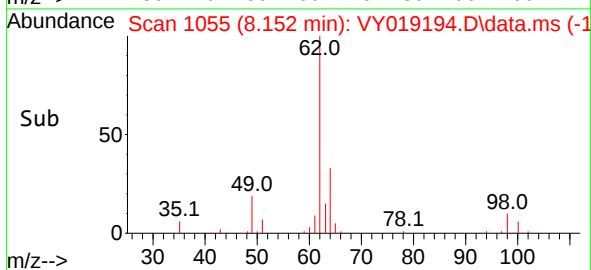
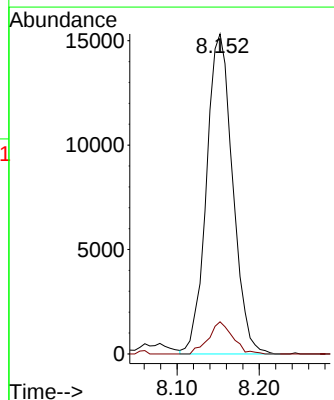
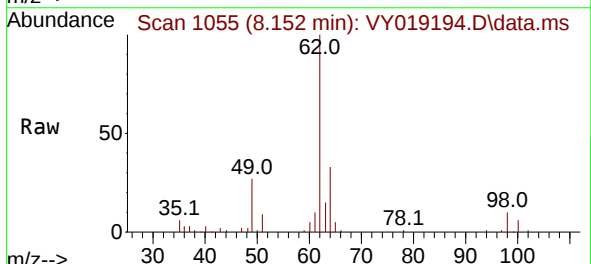


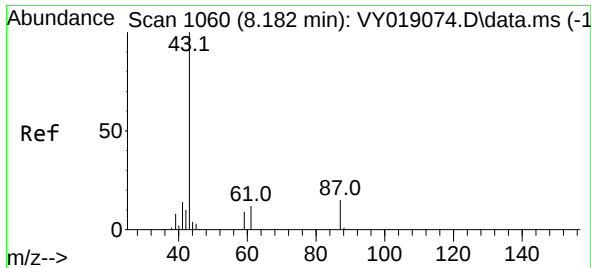
Tgt Ion: 41 Resp: 25633
Ion Ratio Lower Upper
41 100
39 36.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.608 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 62 Resp: 33896
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 20.447 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019194.D

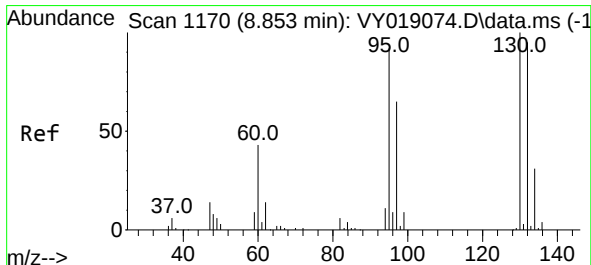
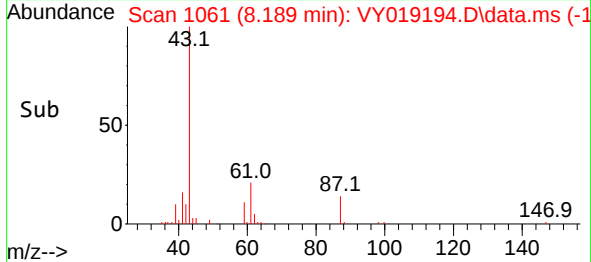
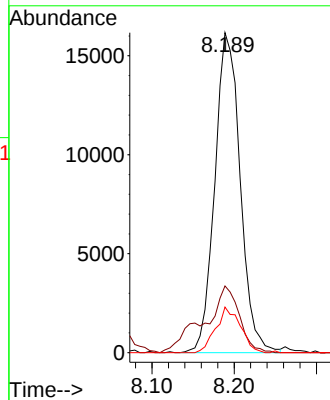
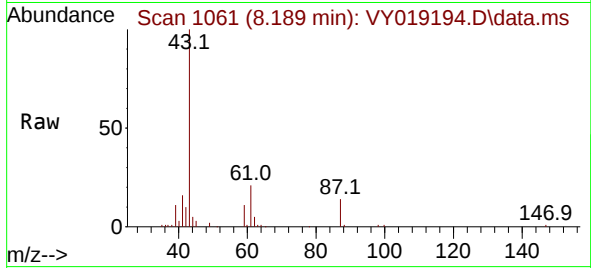
Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	34701
Ion	Ratio	Lower	Upper
43	100		
61	18.4	27.9	41.9#
87	13.7	13.1	19.7



#44

Trichloroethene

Concen: 19.038 ug/l

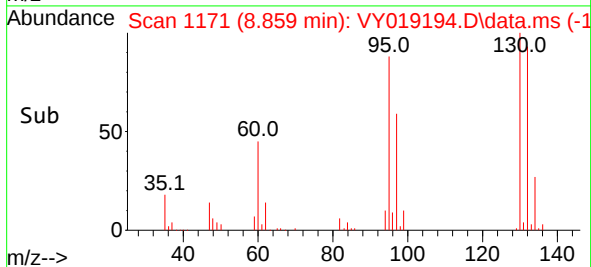
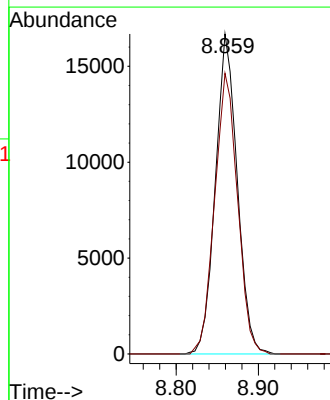
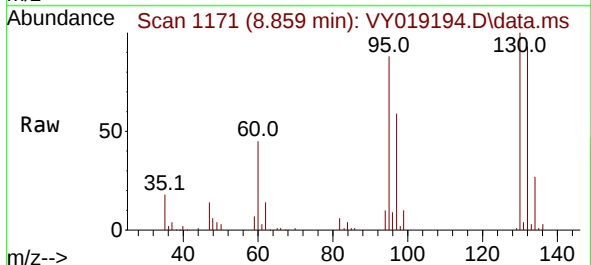
RT: 8.859 min Scan# 1171

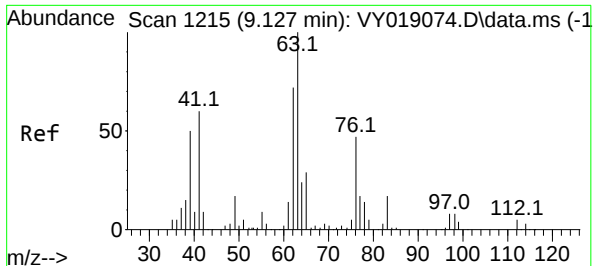
Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Tgt Ion:	130	Resp:	30859
Ion	Ratio	Lower	Upper
130	100		
95	87.7	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.931 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

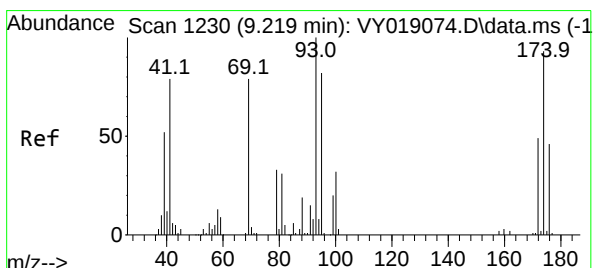
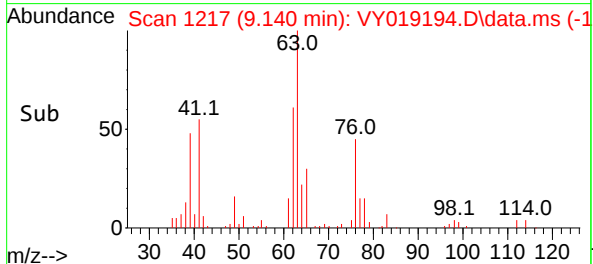
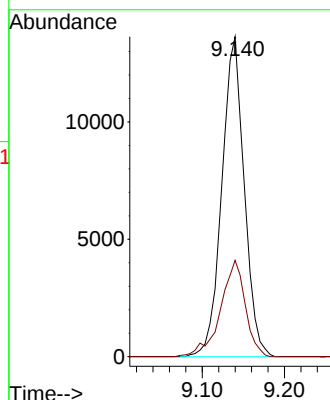
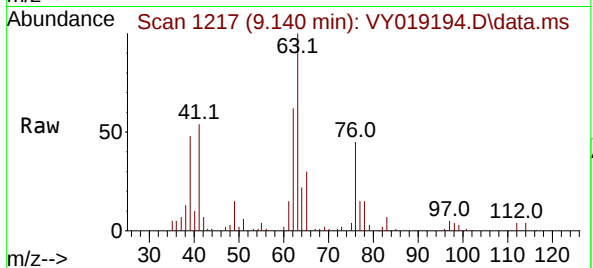
ClientSampleId :

Tgt Ion: 63 Resp: 25797

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 19.609 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

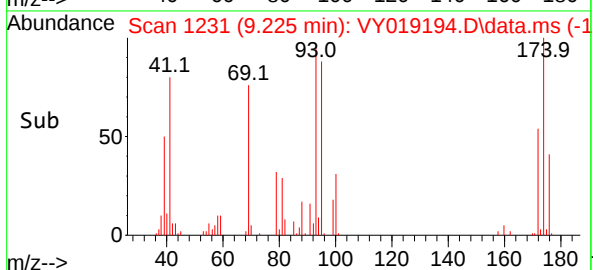
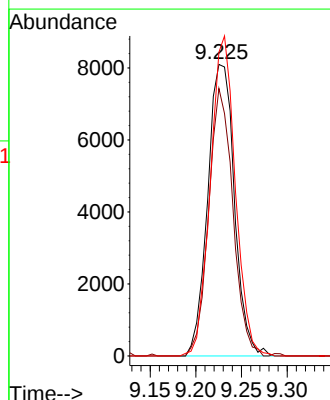
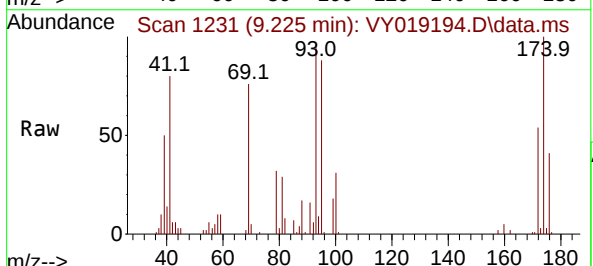
Tgt Ion: 93 Resp: 16461

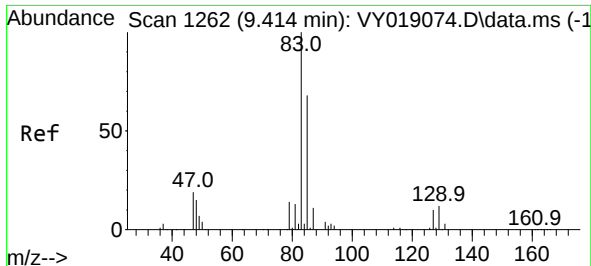
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 102.4 80.9 121.3

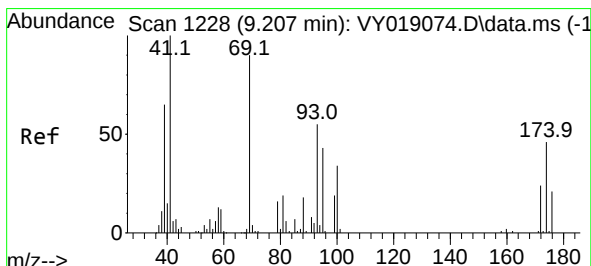
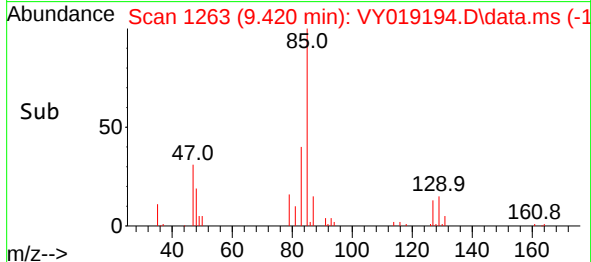
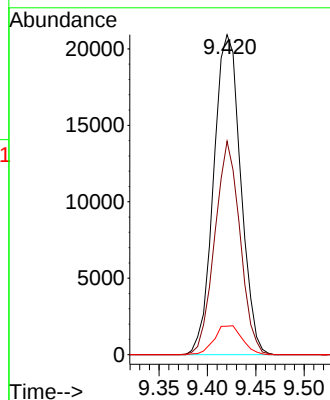
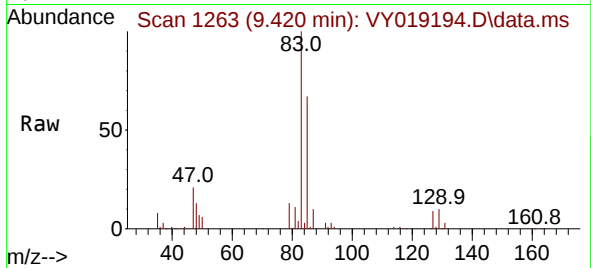




#47
Bromodichloromethane
Concen: 19.737 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

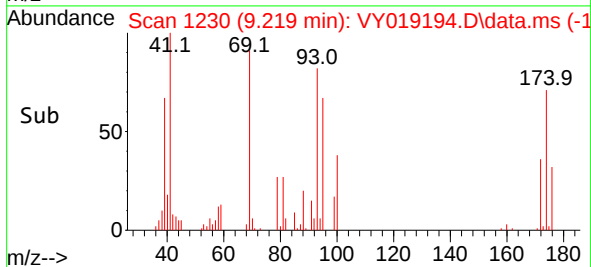
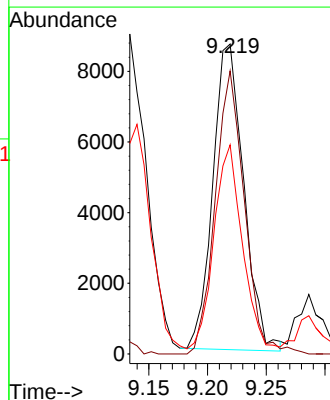
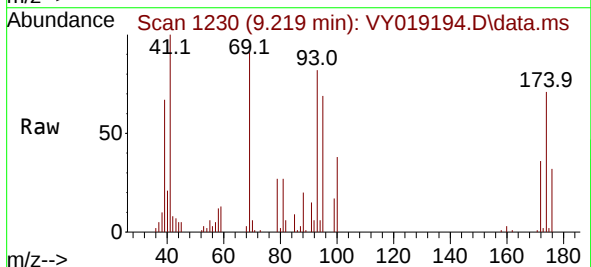
Instrument :
MSVOA_Y
ClientSampleId :

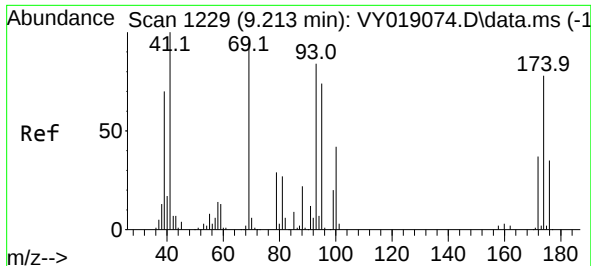
Tgt Ion: 83 Resp: 40649
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.934 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 41 Resp: 15834
Ion Ratio Lower Upper
41 100
69 87.5 84.1 126.1
39 61.9 43.6 65.4





#49

1,4-Dioxane

Concen: 360.901 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

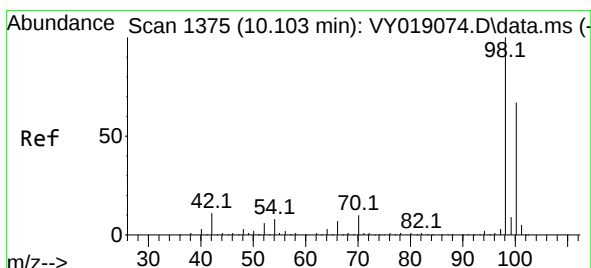
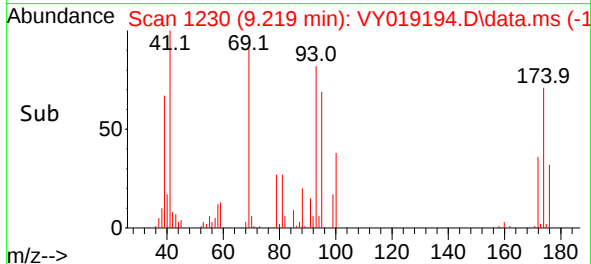
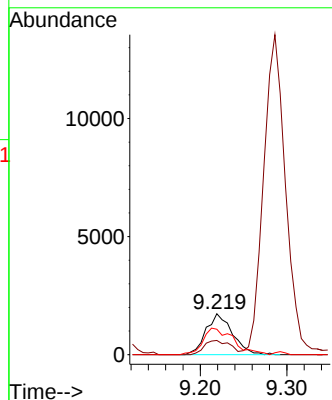
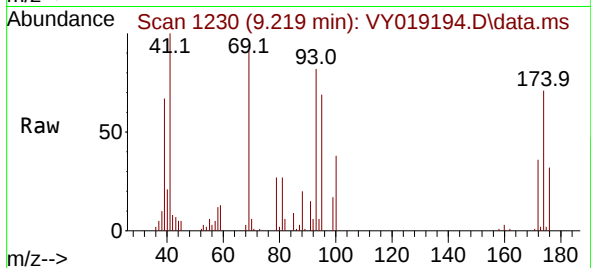
Tgt Ion: 88 Resp: 3670

Ion Ratio Lower Upper

88 100

43 33.8 0.0 0.0#

58 74.2 49.3 73.9#



#50

Toluene-d8

Concen: 47.350 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019194.D

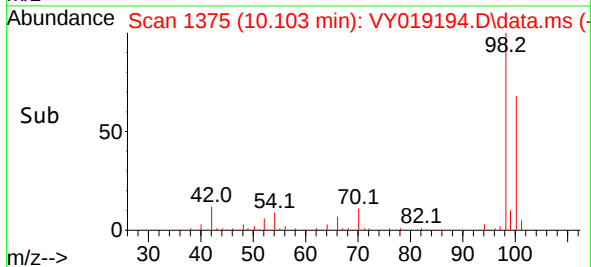
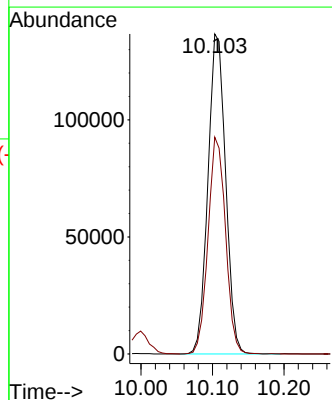
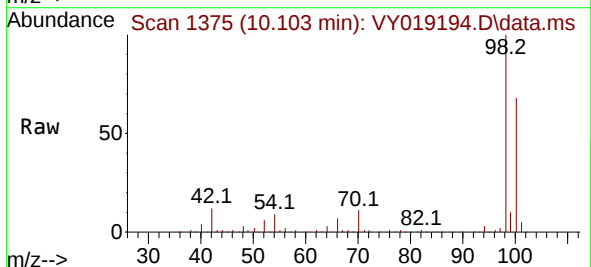
Acq: 22 Aug 2024 02:58

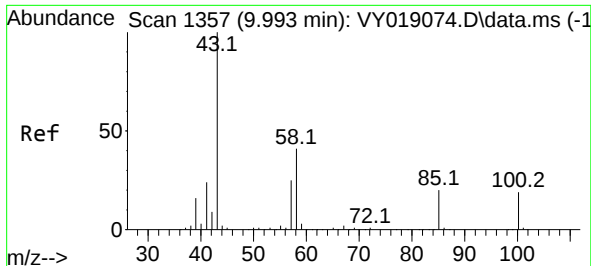
Tgt Ion: 98 Resp: 235036

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 98.132 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

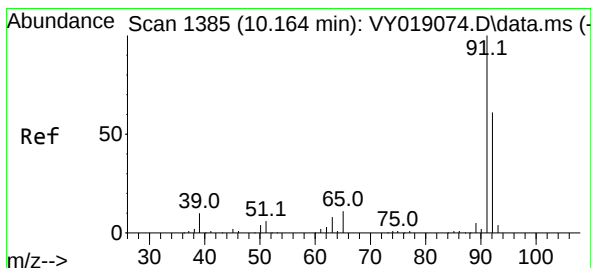
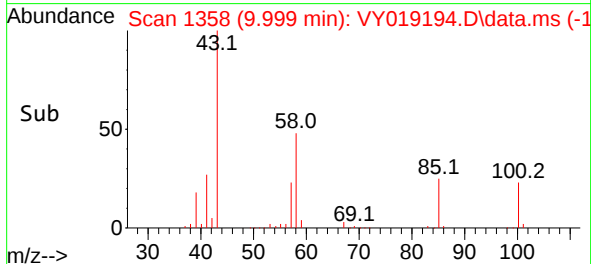
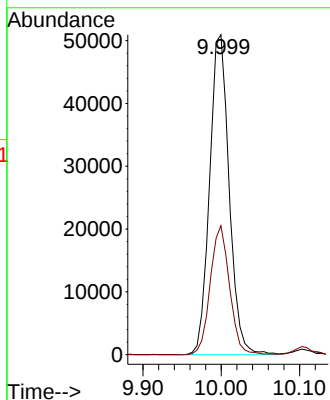
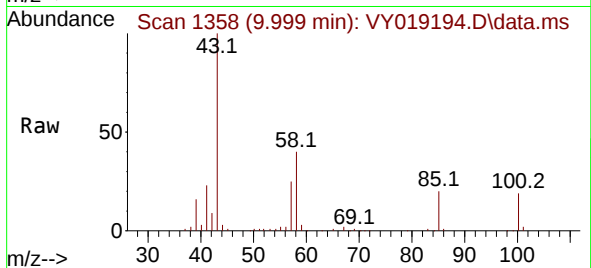
ClientSampleId :

Tgt Ion: 43 Resp: 88395

Ion Ratio Lower Upper

43 100

58 39.8 35.7 53.5



#52

Toluene

Concen: 19.511 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019194.D

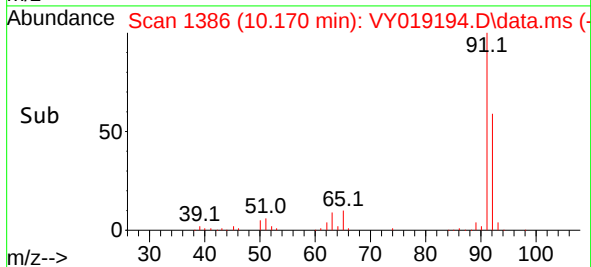
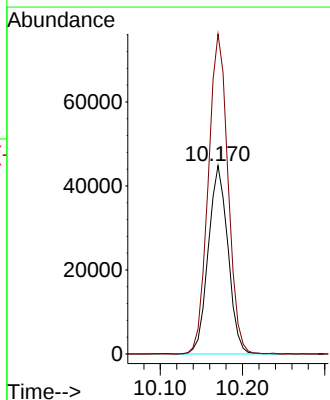
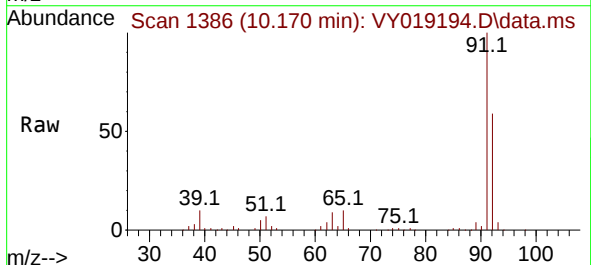
Acq: 22 Aug 2024 02:58

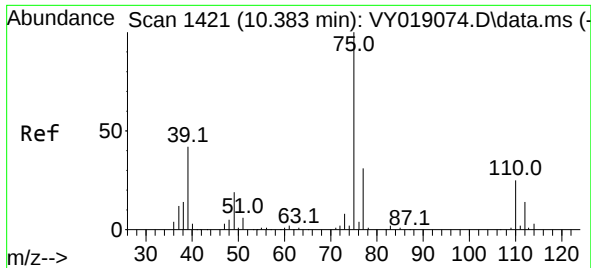
Tgt Ion: 92 Resp: 74398

Ion Ratio Lower Upper

92 100

91 170.8 139.0 208.6

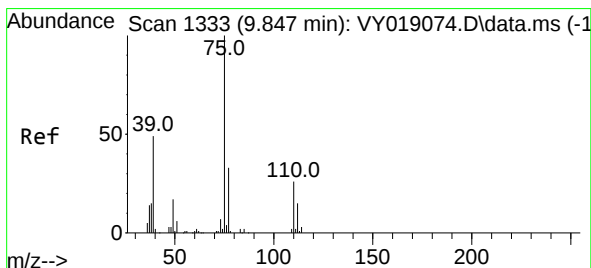
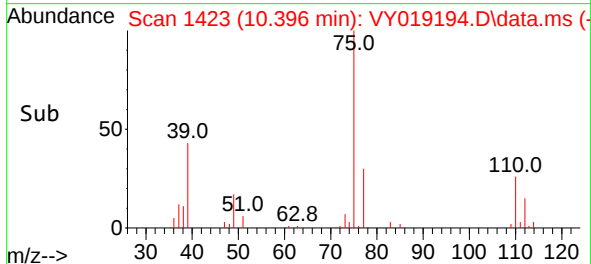
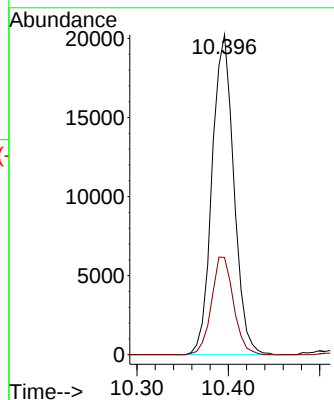
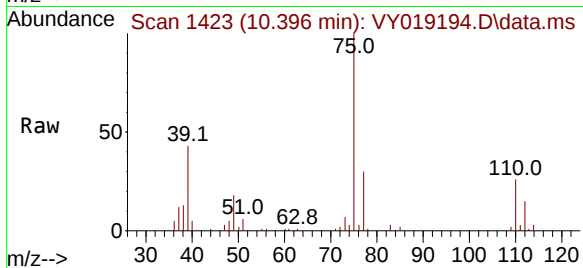




#53
 t-1,3-Dichloropropene
 Concen: 19.601 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

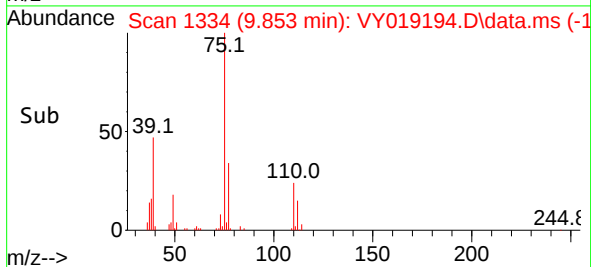
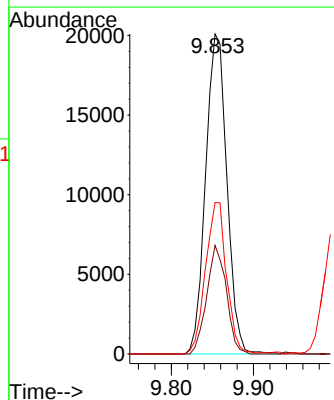
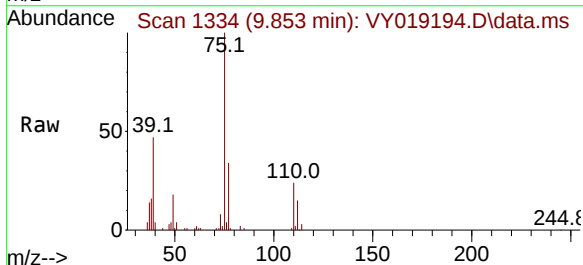
Instrument :
 MSVOA_Y
 ClientSampleId :

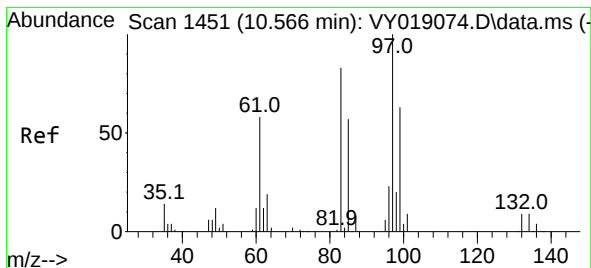
Tgt Ion: 75 Resp: 33487
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 17.568 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

Tgt Ion: 75 Resp: 36096
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 39 47.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.216 ug/l

RT: 10.573 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21847

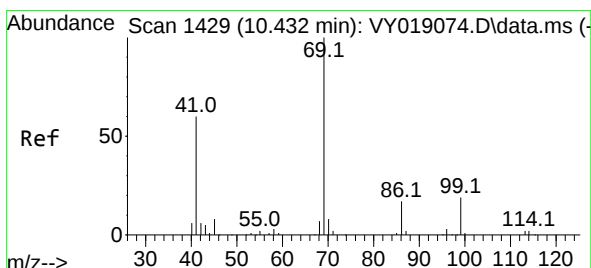
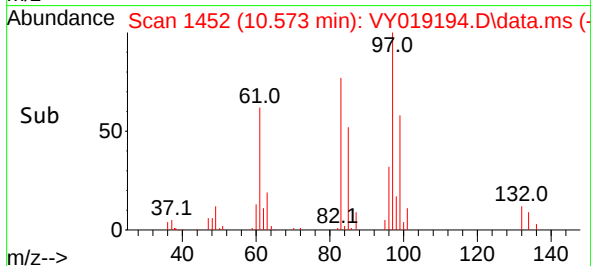
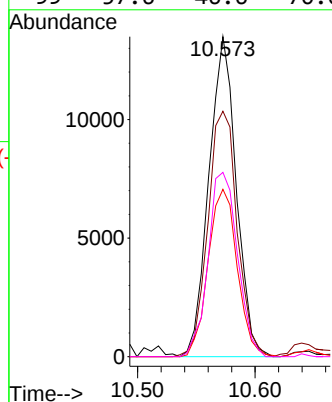
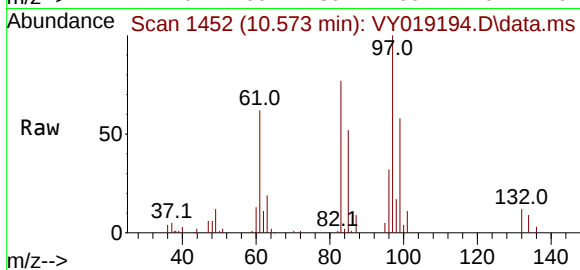
Ion Ratio Lower Upper

97 100

83 76.1 67.5 101.3

85 52.3 42.9 64.3

99 57.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.705 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

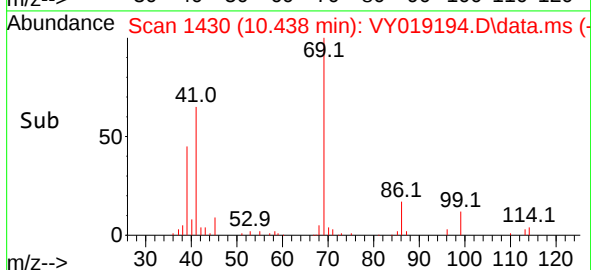
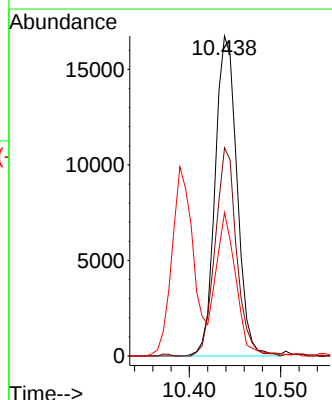
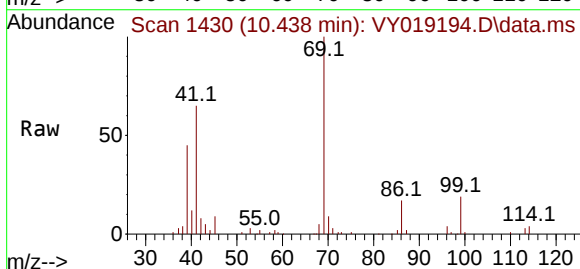
Tgt Ion: 69 Resp: 27873

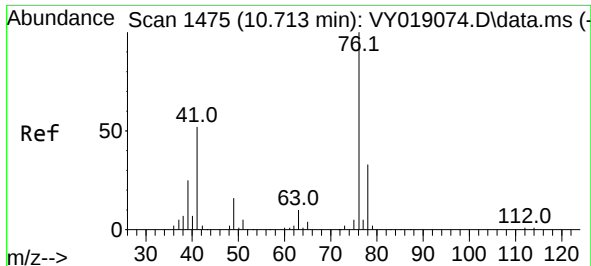
Ion Ratio Lower Upper

69 100

41 63.9 42.3 63.5#

39 40.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.023 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

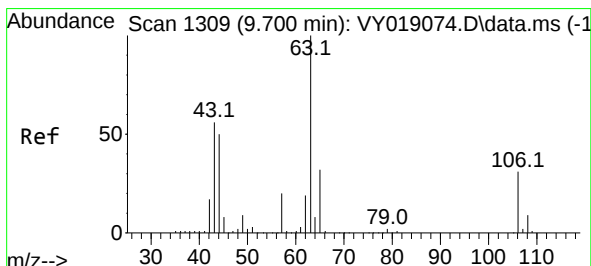
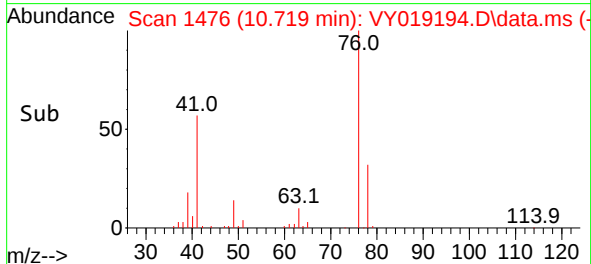
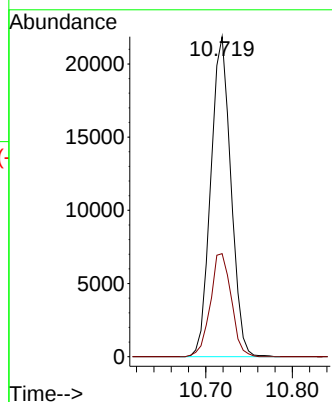
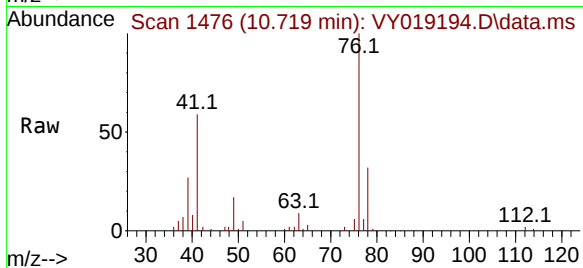
ClientSampleId :

Tgt Ion: 76 Resp: 35274

Ion Ratio Lower Upper

76 100

78 33.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.868 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019194.D

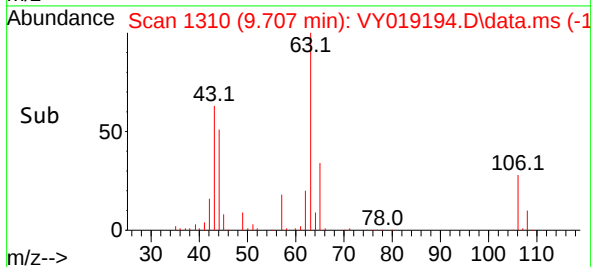
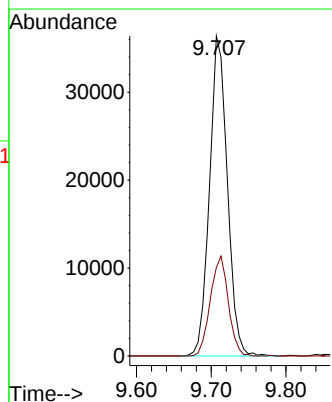
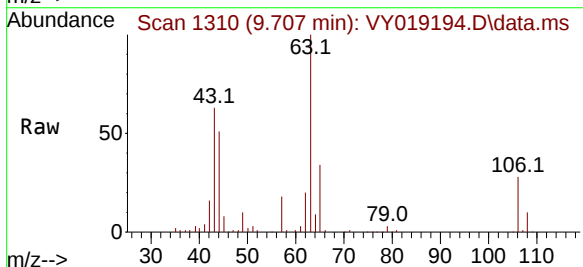
Acq: 22 Aug 2024 02:58

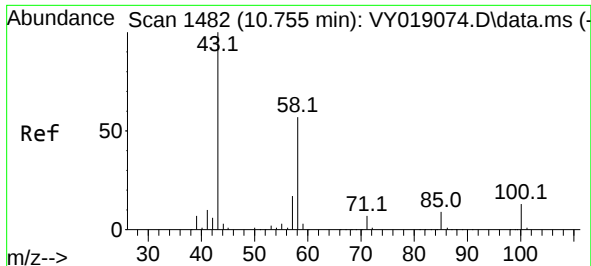
Tgt Ion: 63 Resp: 60305

Ion Ratio Lower Upper

63 100

106 31.4 23.7 35.5

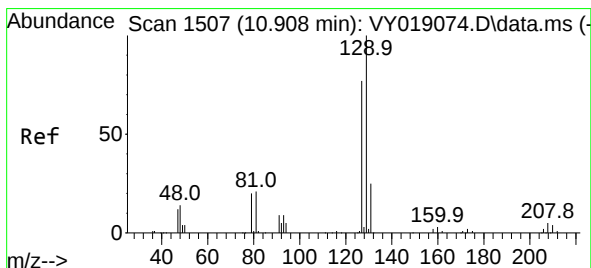
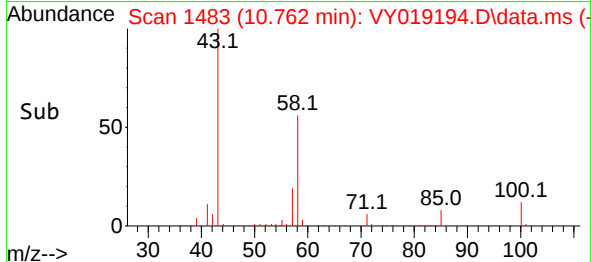
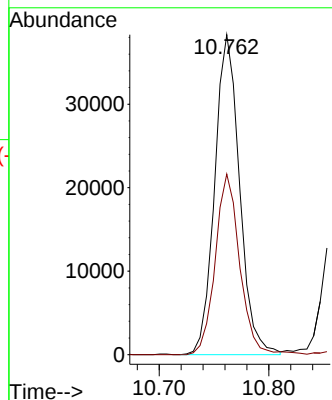
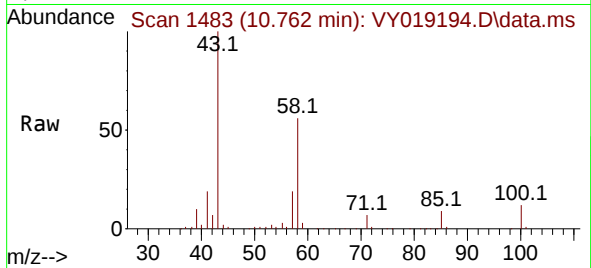




#59
2-Hexanone
Concen: 97.652 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

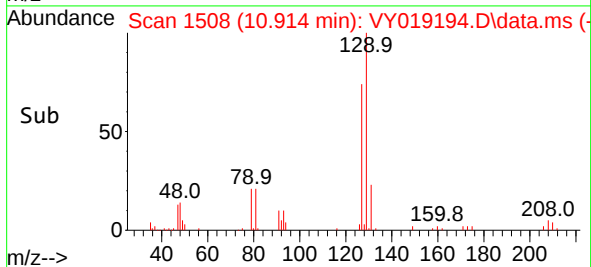
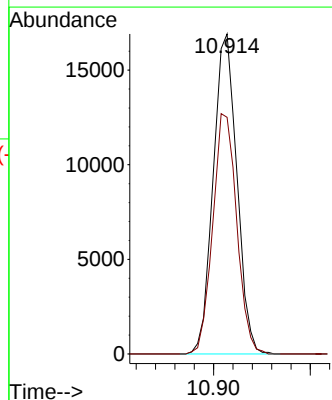
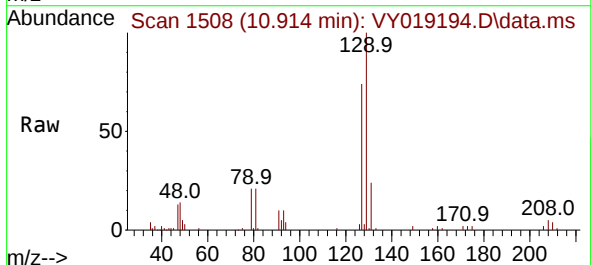
Instrument :
MSVOA_Y
ClientSampleId :

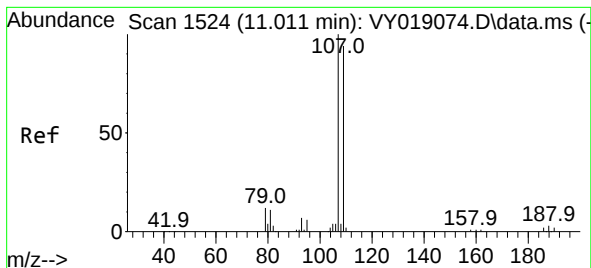
Tgt Ion: 43 Resp: 60432
Ion Ratio Lower Upper
43 100
58 55.7 31.4 94.0



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion:129 Resp: 28694
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.343 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

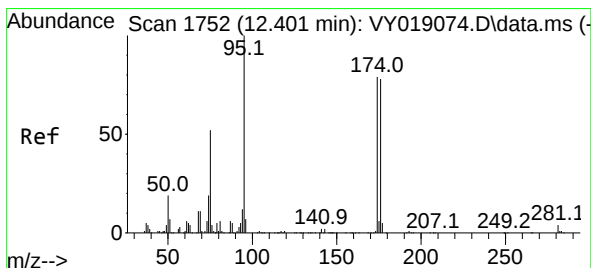
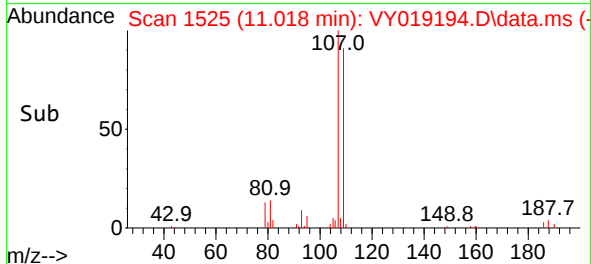
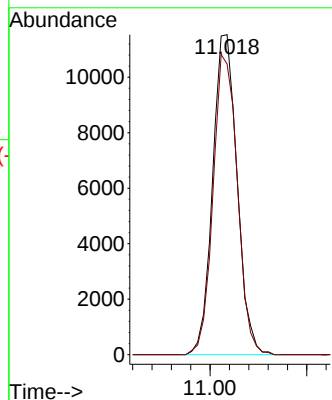
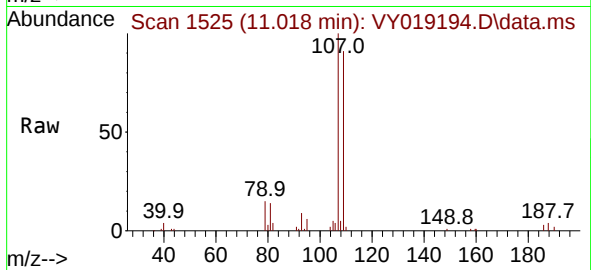
ClientSampleId :

Tgt Ion:107 Resp: 20204

Ion Ratio Lower Upper

107 100

109 93.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.879 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

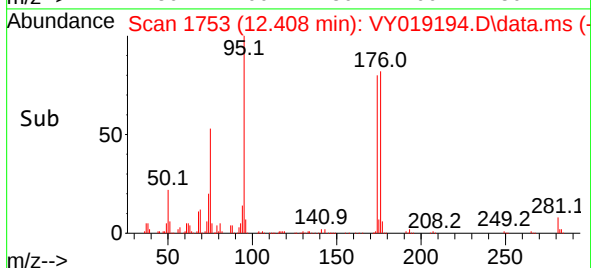
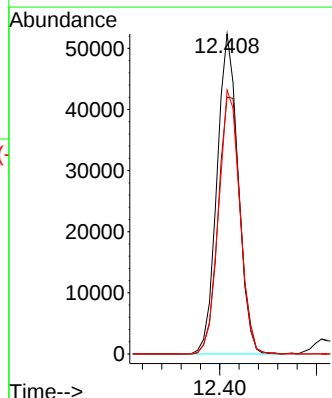
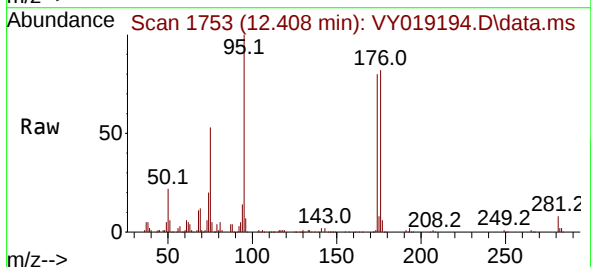
Tgt Ion: 95 Resp: 79327

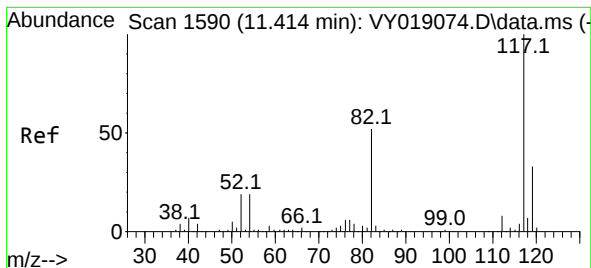
Ion Ratio Lower Upper

95 100

174 84.2 0.0 175.6

176 82.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

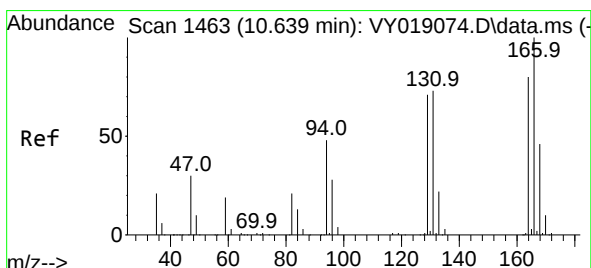
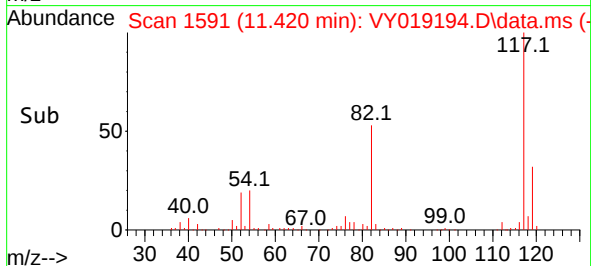
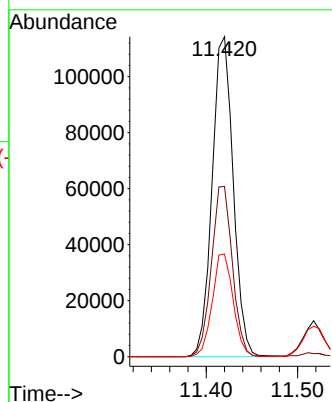
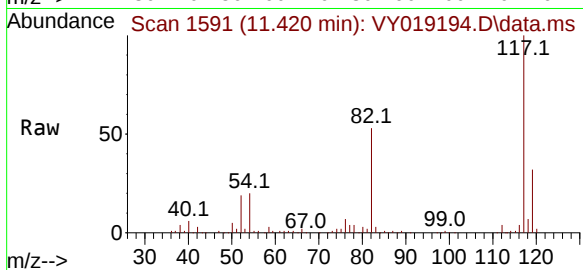
Tgt Ion:117 Resp: 183381

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 20.301 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Tgt Ion:164 Resp: 32540

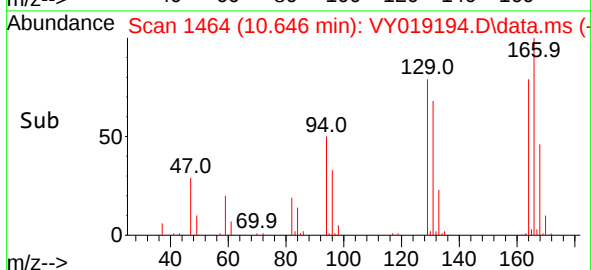
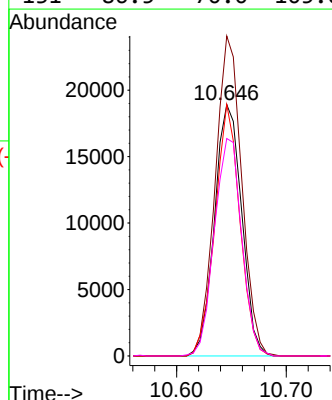
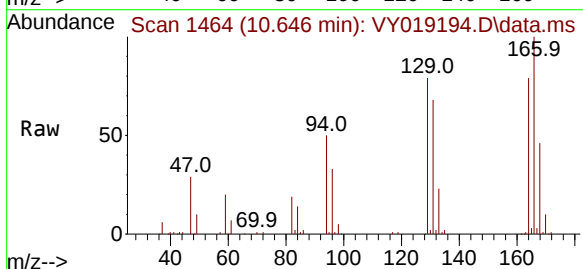
Ion Ratio Lower Upper

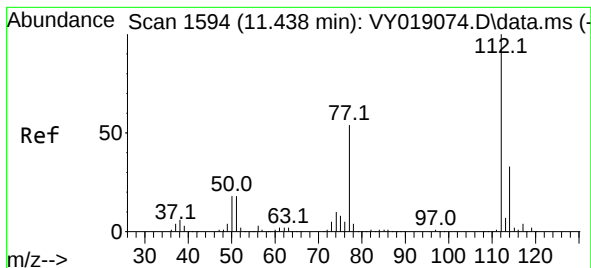
164 100

166 127.3 102.6 154.0

129 100.0 72.0 108.0

131 86.5 70.0 105.0





#65

Chlorobenzene

Concen: 18.903 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

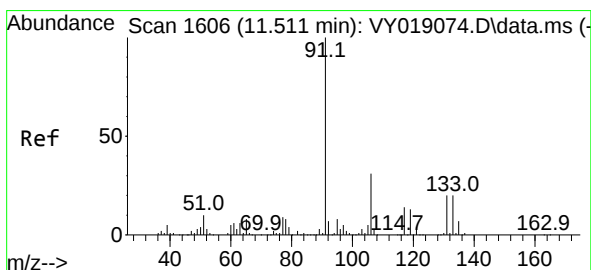
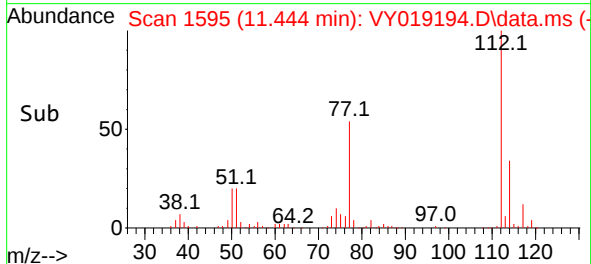
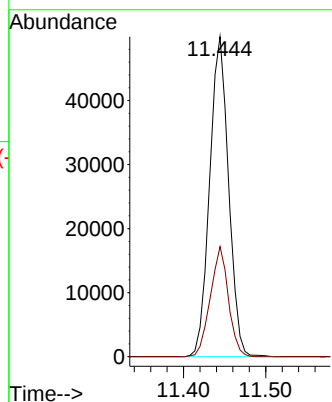
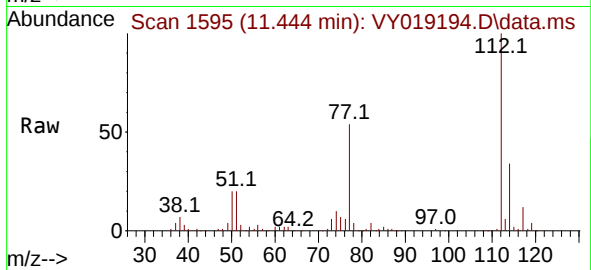
ClientSampleId :

Tgt Ion:112 Resp: 79820

Ion Ratio Lower Upper

112 100

114 34.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.533 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

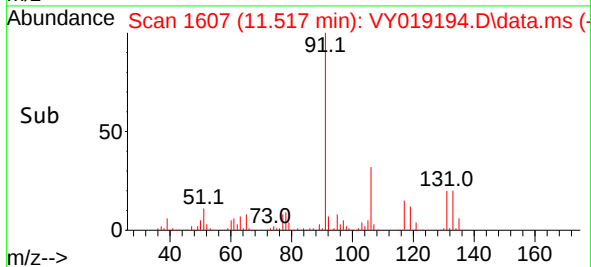
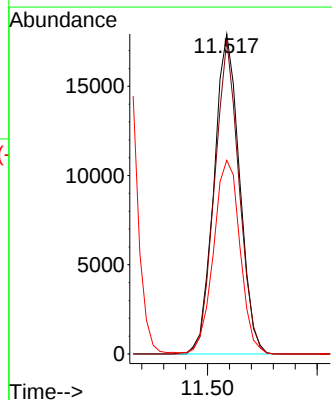
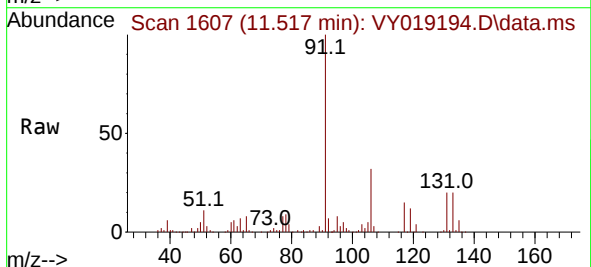
Tgt Ion:131 Resp: 29005

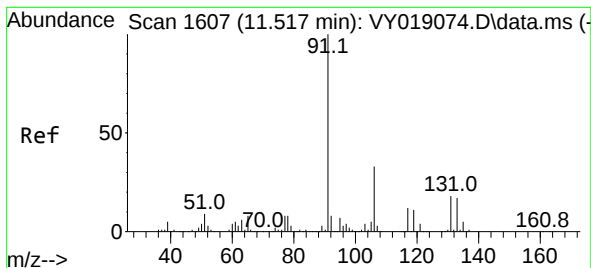
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 62.8 34.1 102.2





#67

Ethyl Benzene

Concen: 18.937 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

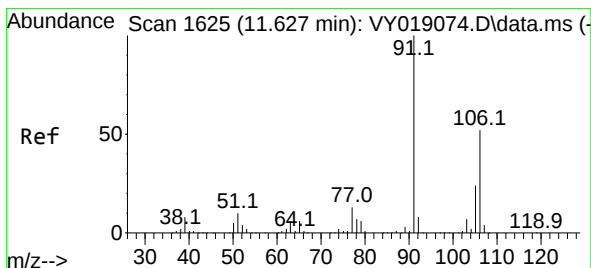
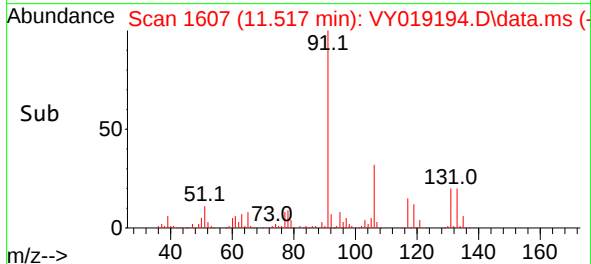
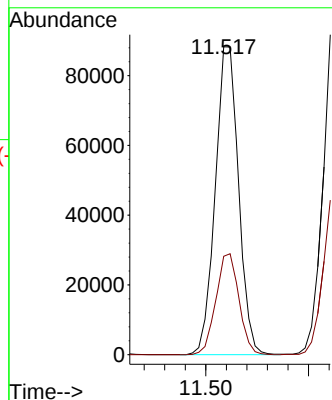
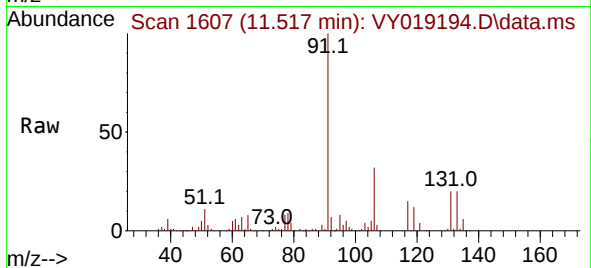
ClientSampleId :

Tgt Ion: 91 Resp: 138792

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 36.832 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY019194.D

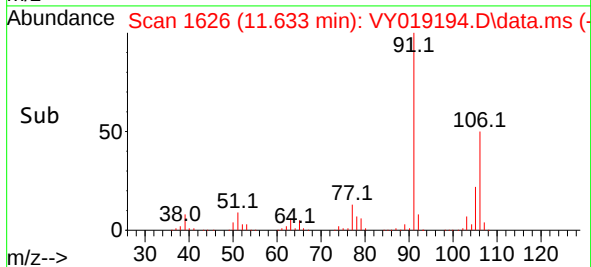
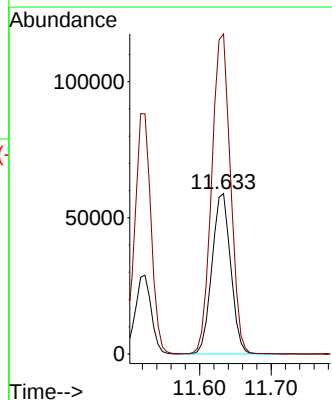
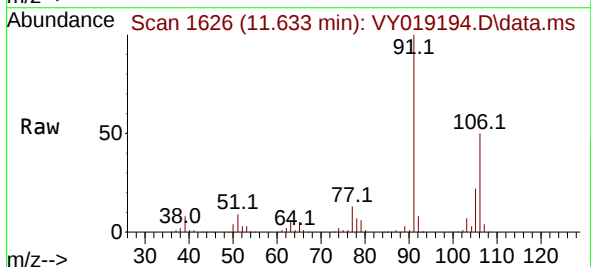
Acq: 22 Aug 2024 02:58

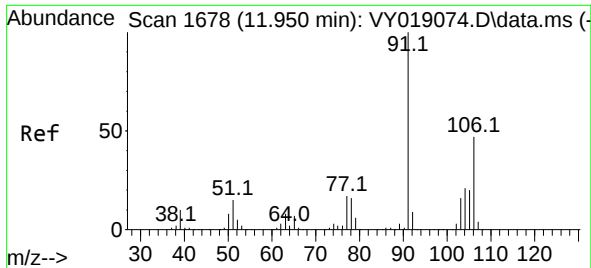
Tgt Ion:106 Resp: 107110

Ion Ratio Lower Upper

106 100

91 200.5 156.0 234.0

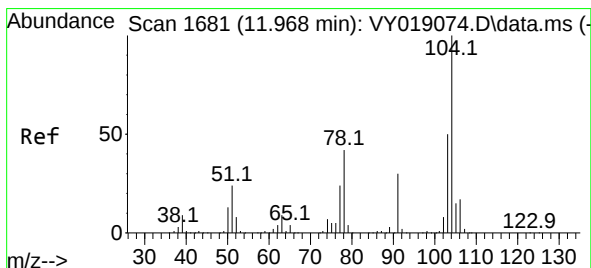
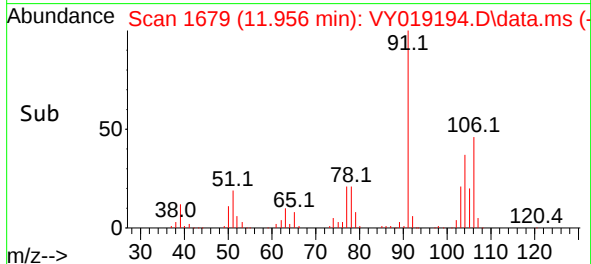
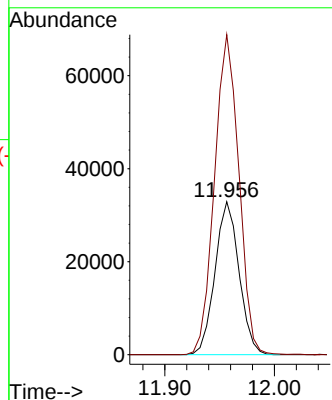
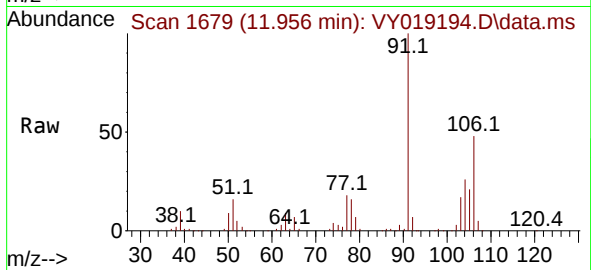




#69
o-Xylene
Concen: 18.623 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

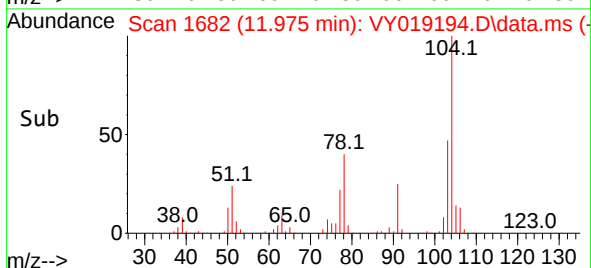
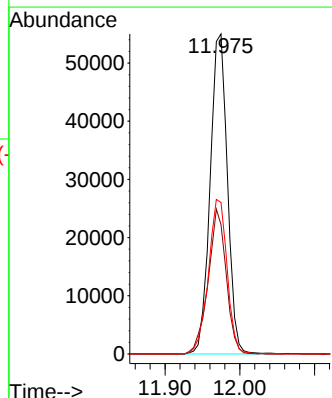
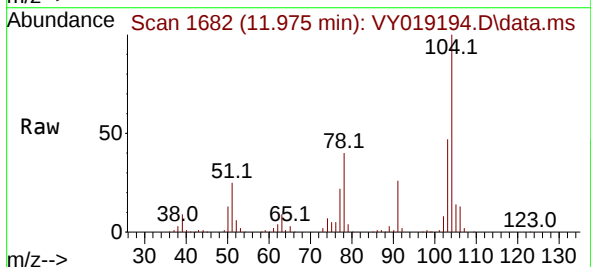
Instrument :
MSVOA_Y
ClientSampleId :

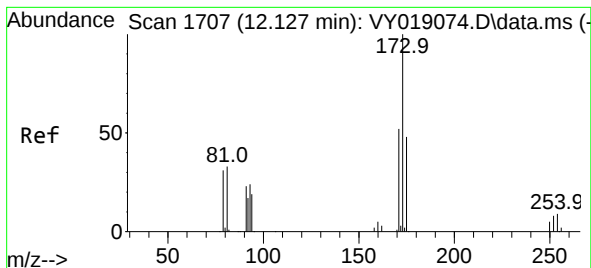
Tgt Ion:106 Resp: 50152
Ion Ratio Lower Upper
106 100
91 212.1 103.6 310.8



#70
Styrene
Concen: 19.252 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion:104 Resp: 88410
Ion Ratio Lower Upper
104 100
78 47.1 37.0 55.4
103 52.5 44.2 66.2





#71

Bromoform

Concen: 18.606 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

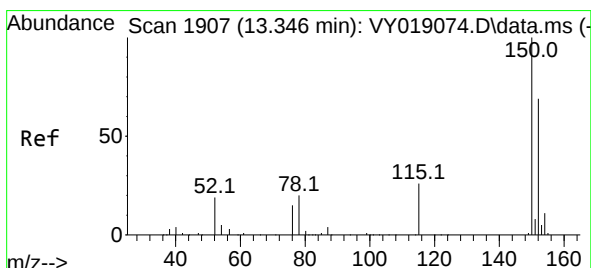
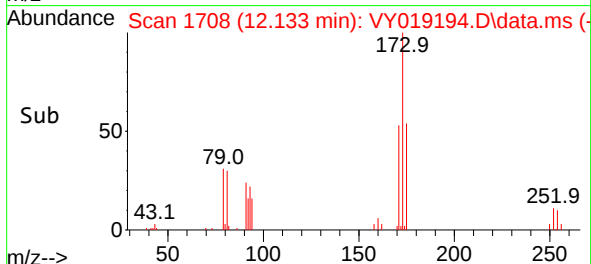
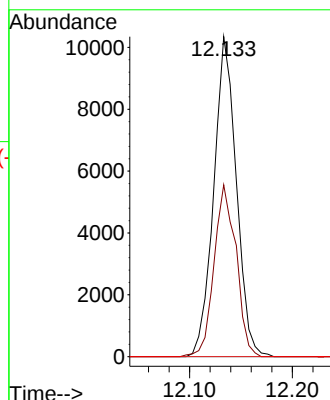
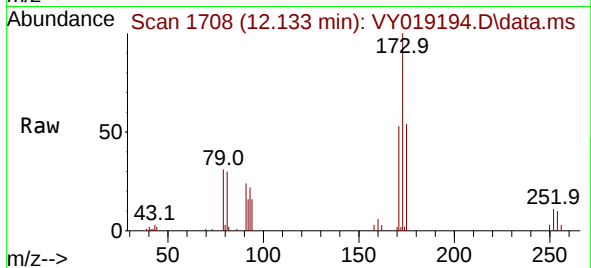
Tgt Ion:173 Resp: 15794

Ion Ratio Lower Upper

173 100

175 52.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

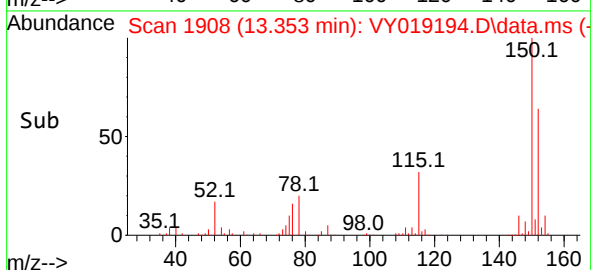
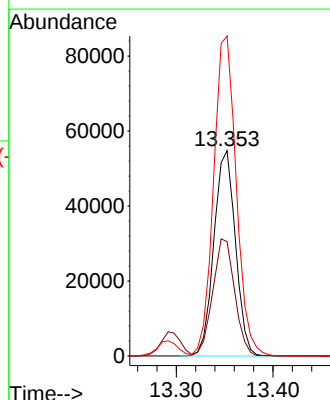
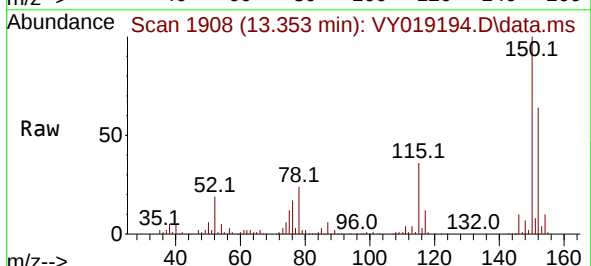
Tgt Ion:152 Resp: 84746

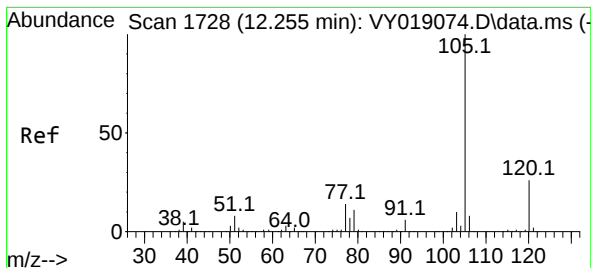
Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 20.368 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

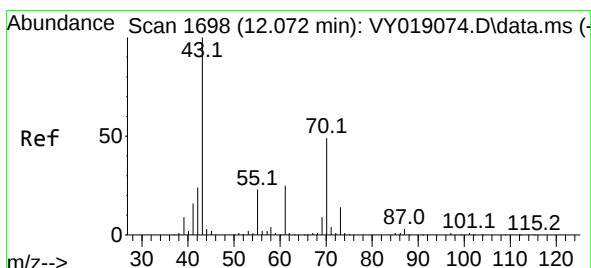
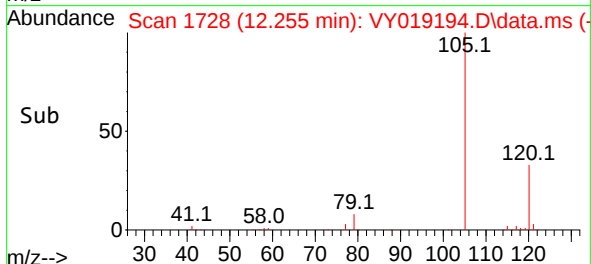
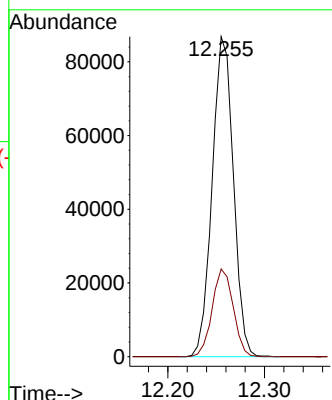
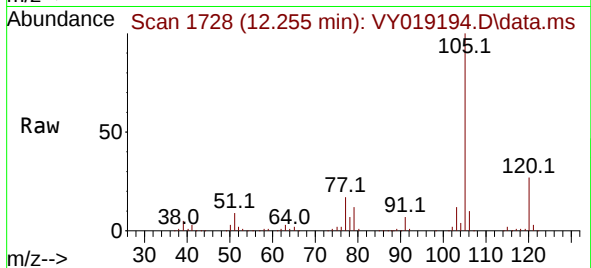
ClientSampleId :

Tgt Ion:105 Resp: 132300

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 20.427 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Tgt Ion: 43 Resp: 28932

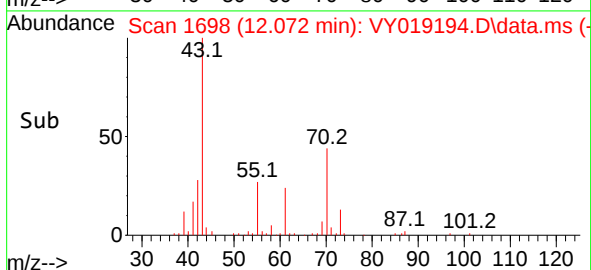
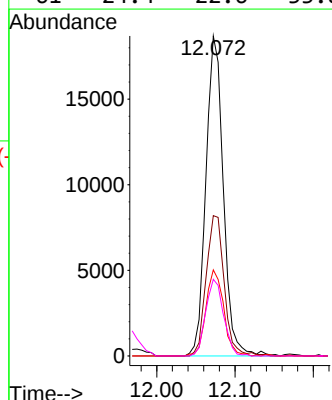
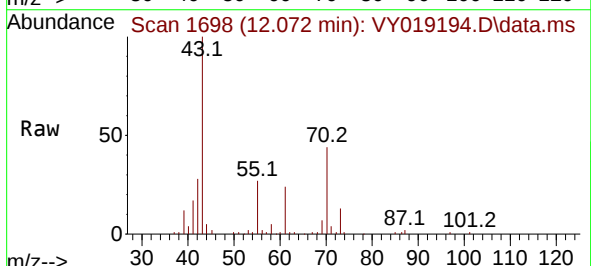
Ion Ratio Lower Upper

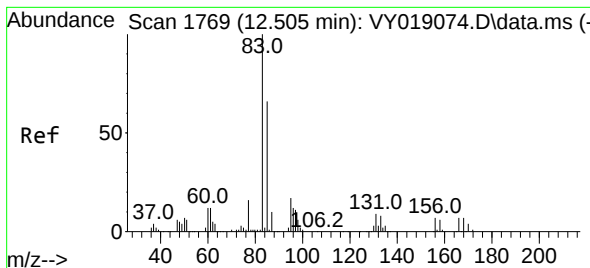
43 100

70 45.4 41.4 62.2

55 27.2 23.3 34.9

61 24.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

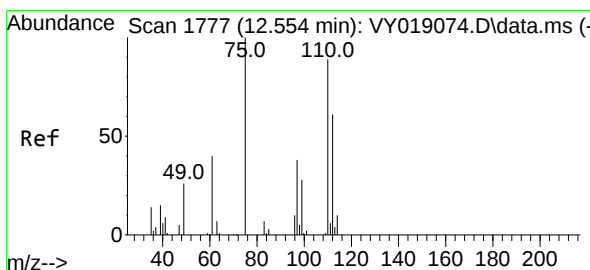
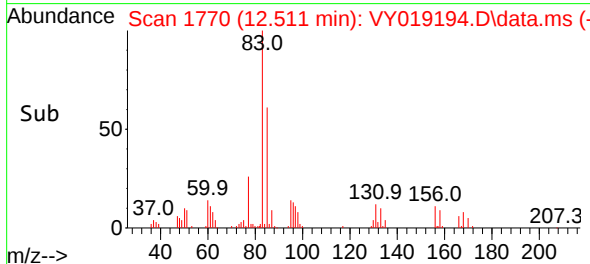
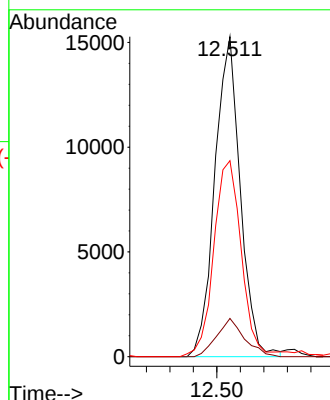
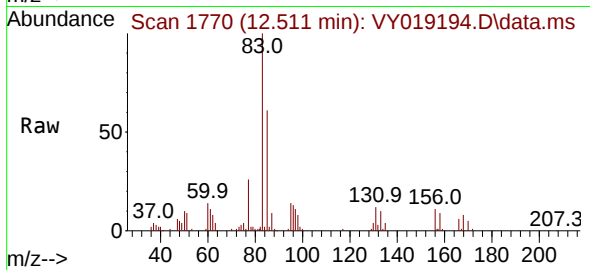
Tgt Ion: 83 Resp: 23036

Ion Ratio Lower Upper

83 100

131 13.0 5.0 14.9

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.950 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019194.D

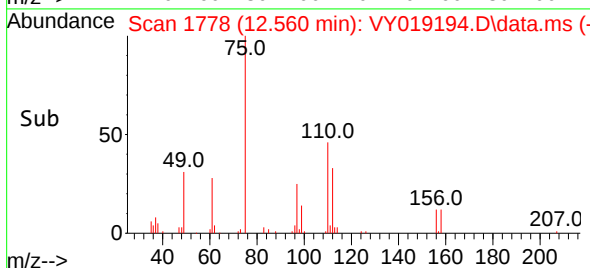
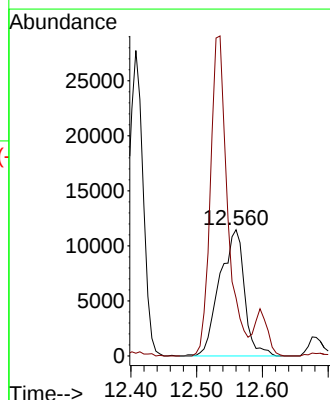
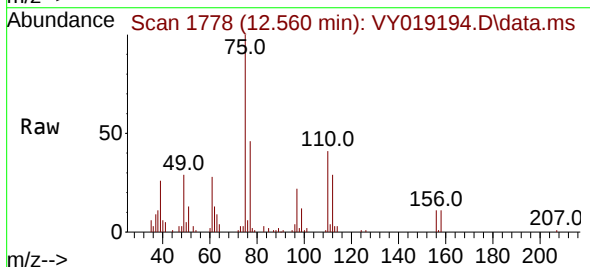
Acq: 22 Aug 2024 02:58

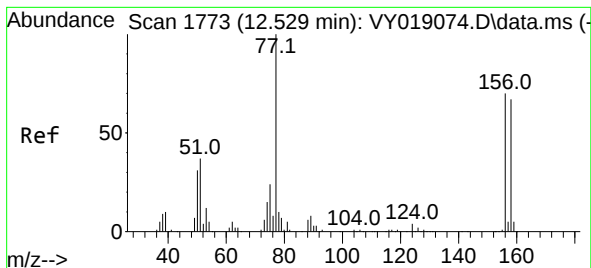
Tgt Ion: 75 Resp: 30045

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.197 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

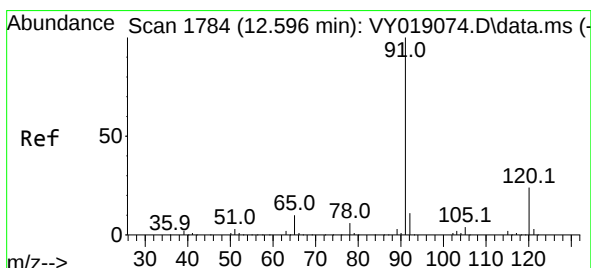
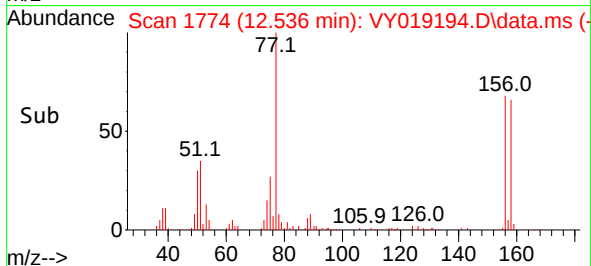
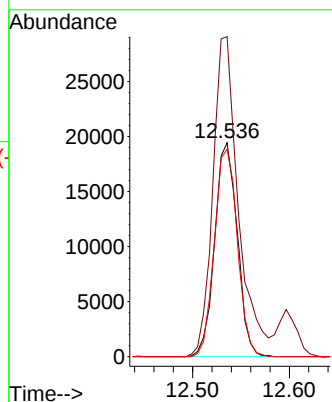
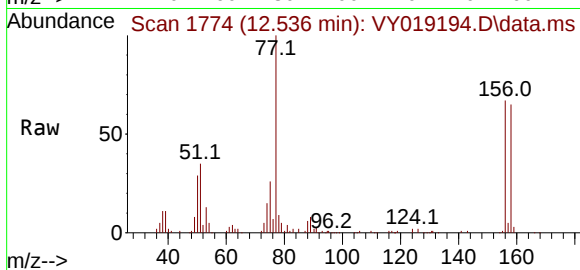
Tgt Ion:156 Resp: 31505

Ion Ratio Lower Upper

156 100

77 168.4 87.1 261.3

158 98.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.145 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019194.D

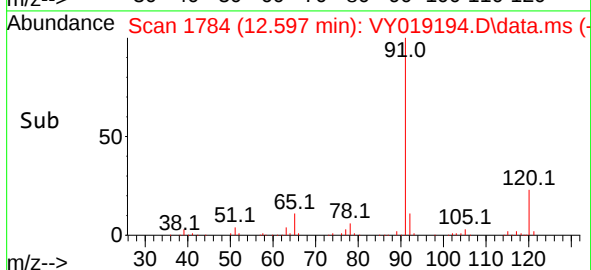
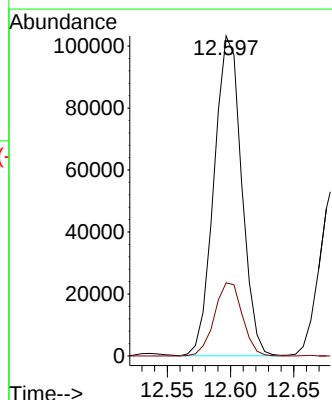
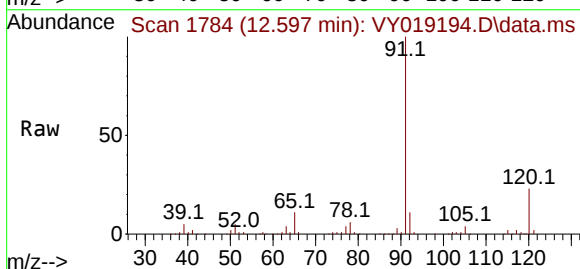
Acq: 22 Aug 2024 02:58

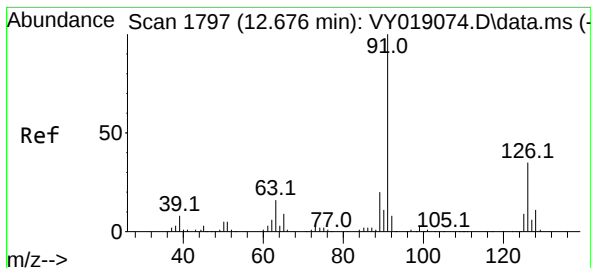
Tgt Ion: 91 Resp: 156425

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.196 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

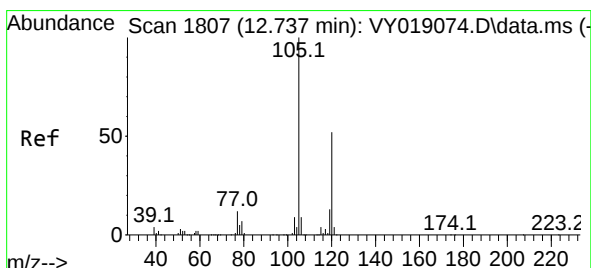
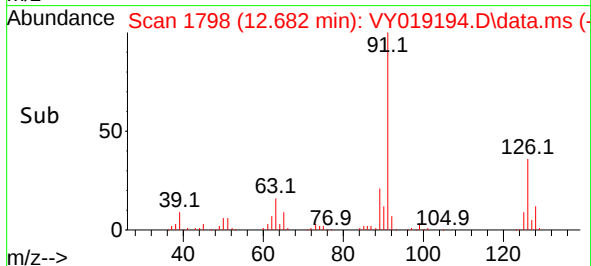
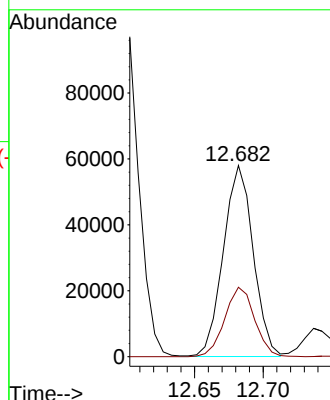
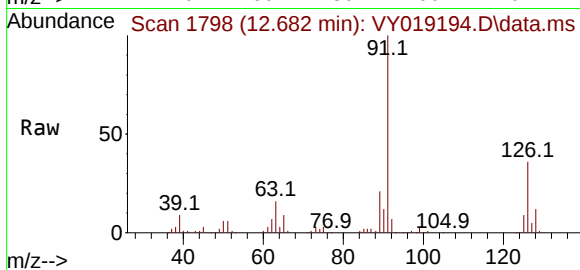
ClientSampleId :

Tgt Ion: 91 Resp: 87919

Ion Ratio Lower Upper

91 100

126 36.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.125 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019194.D

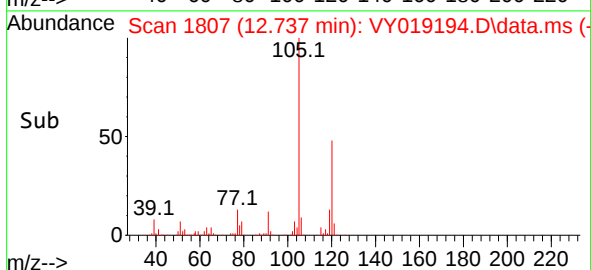
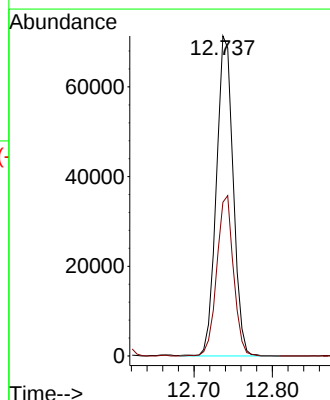
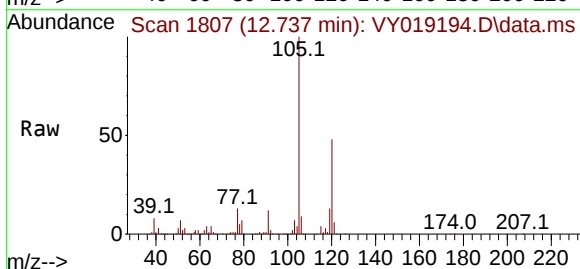
Acq: 22 Aug 2024 02:58

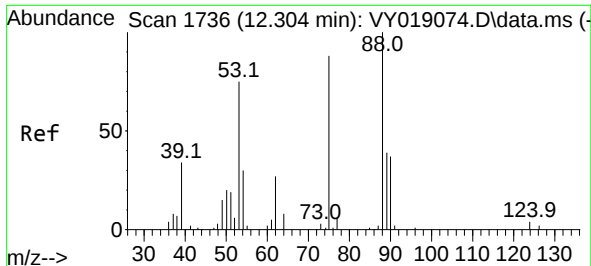
Tgt Ion:105 Resp: 106489

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2

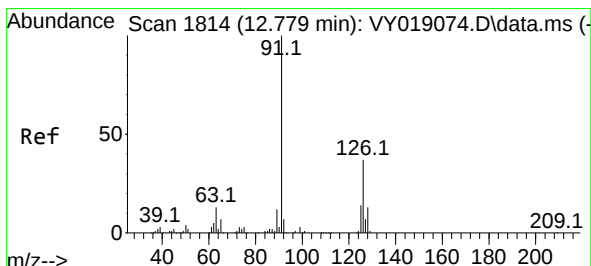
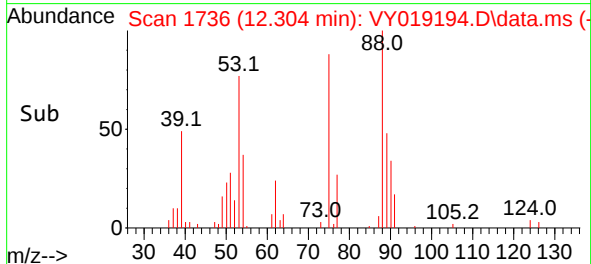
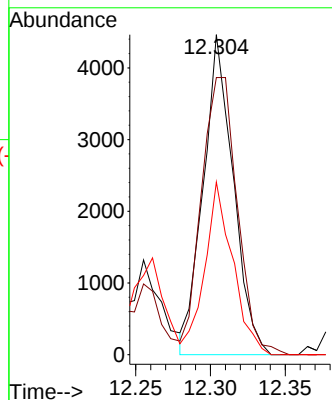
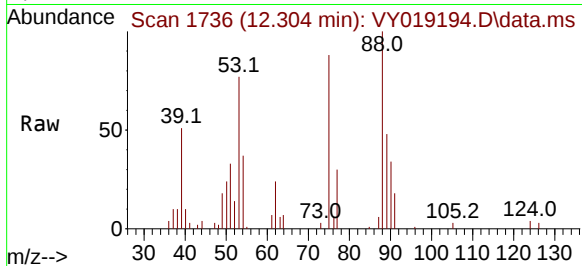




#81
trans-1,4-Dichloro-2-butene
Concen: 18.389 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

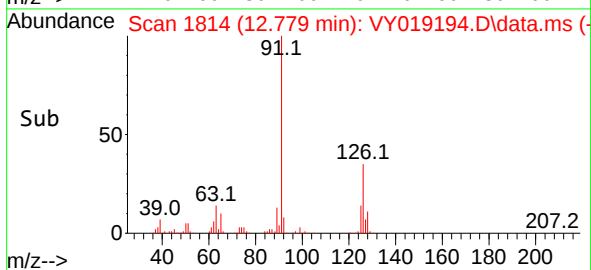
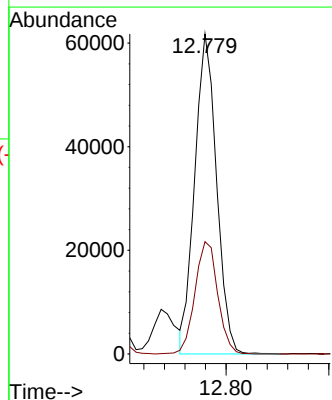
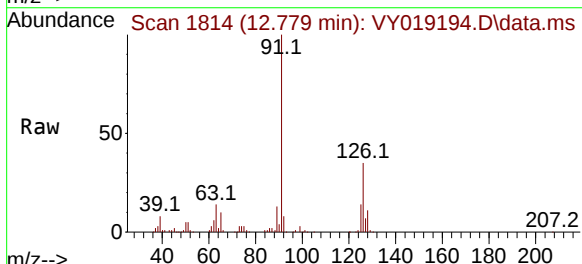
Instrument :
MSVOA_Y
ClientSampleId :

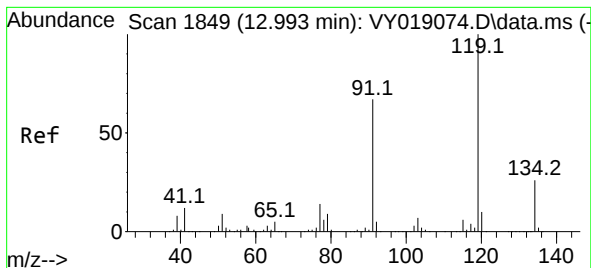
Tgt Ion: 75 Resp: 6223
Ion Ratio Lower Upper
75 100
53 103.5 66.8 100.2#
89 50.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.082 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019194.D
Acq: 22 Aug 2024 02:58

Tgt Ion: 91 Resp: 90955
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.226 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

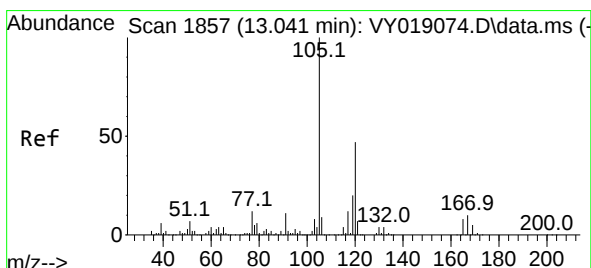
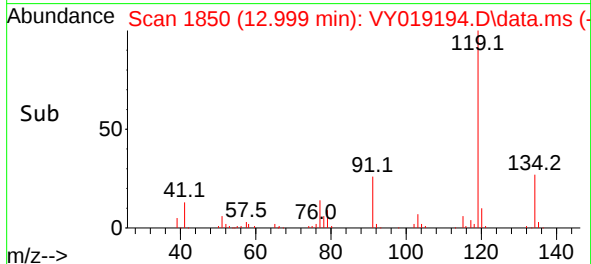
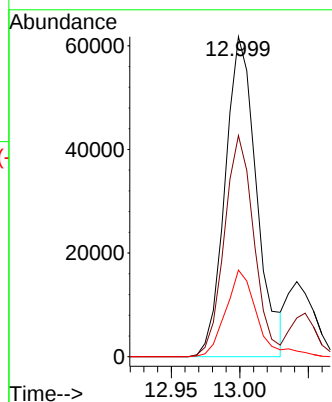
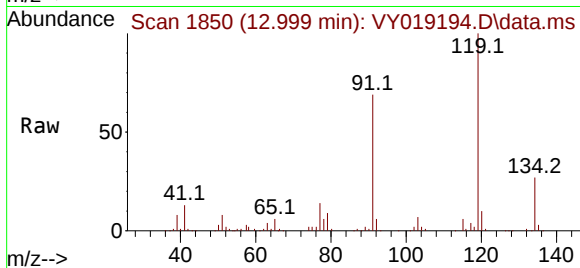
Tgt Ion:119 Resp: 98837

Ion Ratio Lower Upper

119 100

91 65.0 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.027 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019194.D

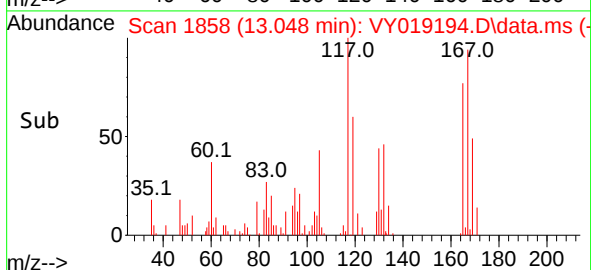
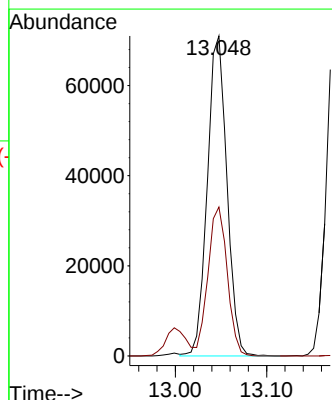
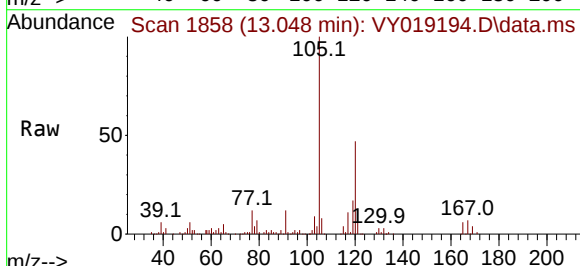
Acq: 22 Aug 2024 02:58

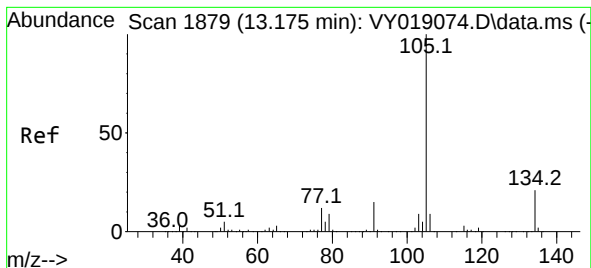
Tgt Ion:105 Resp: 105620

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.808 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

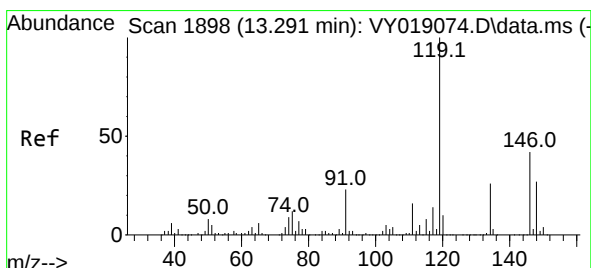
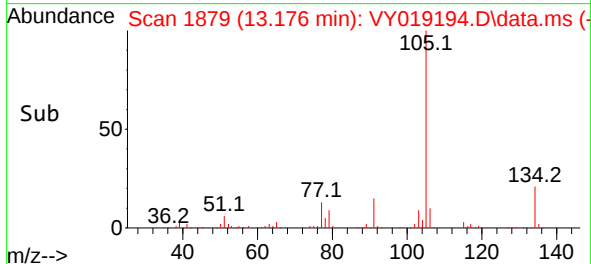
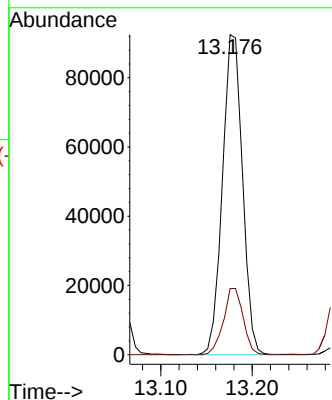
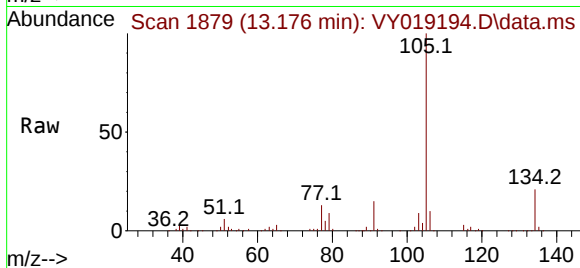
ClientSampleId :

Tgt Ion:105 Resp: 141055

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.860 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

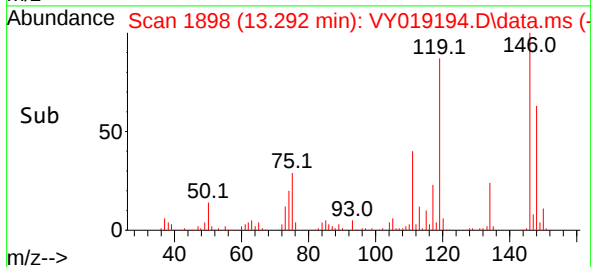
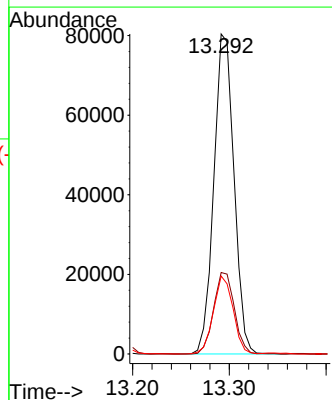
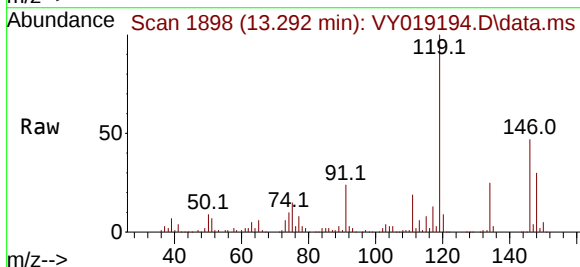
Tgt Ion:119 Resp: 116166

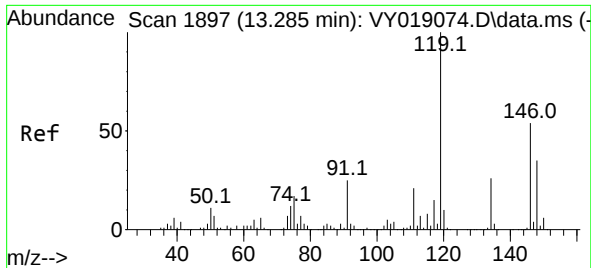
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.400 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

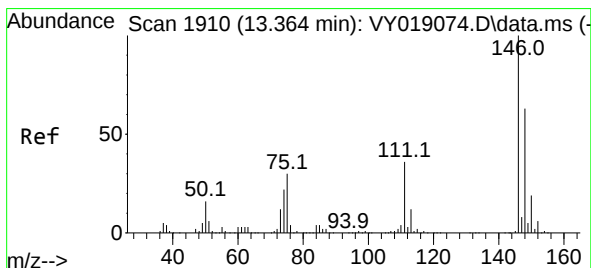
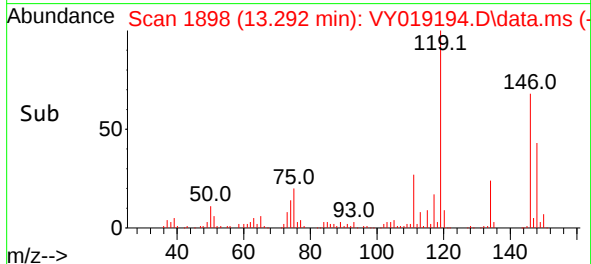
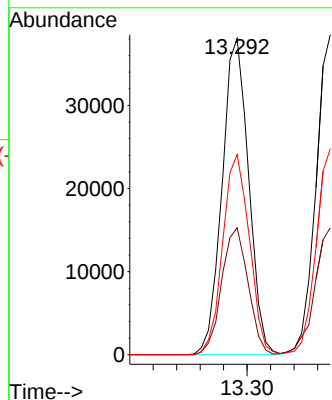
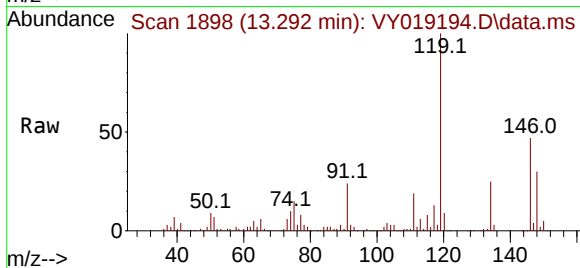
Tgt Ion:146 Resp: 59681

Ion Ratio Lower Upper

146 100

111 40.1 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.249 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

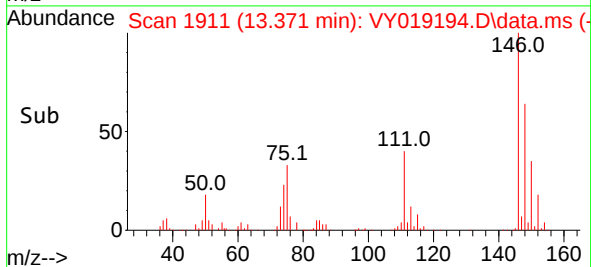
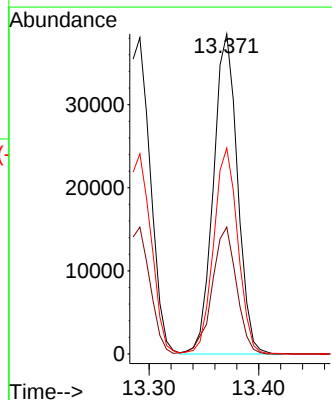
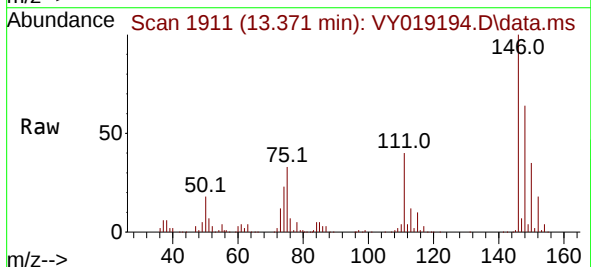
Tgt Ion:146 Resp: 58865

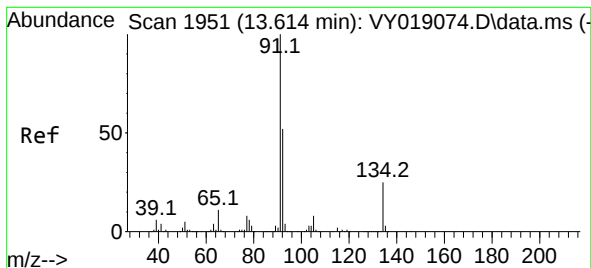
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 18.969 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

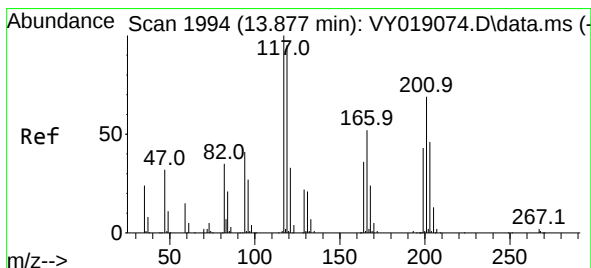
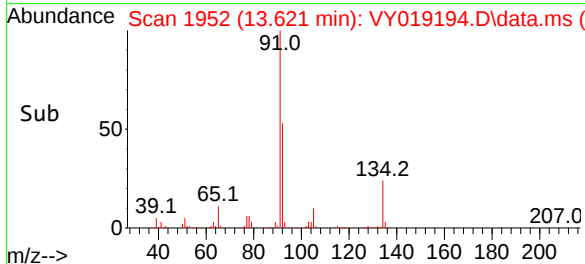
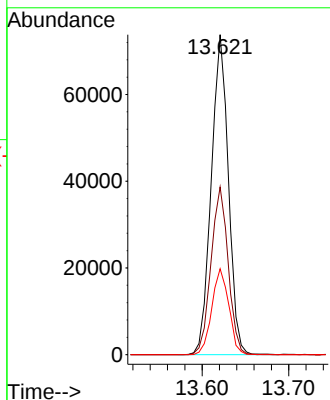
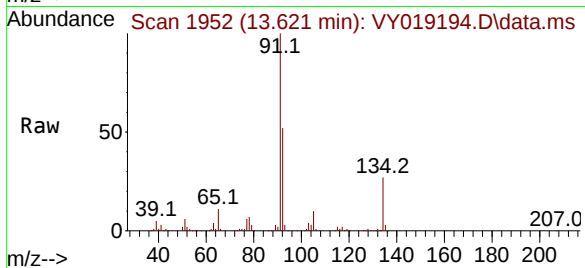
Tgt Ion: 91 Resp: 101155

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 19.929 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019194.D

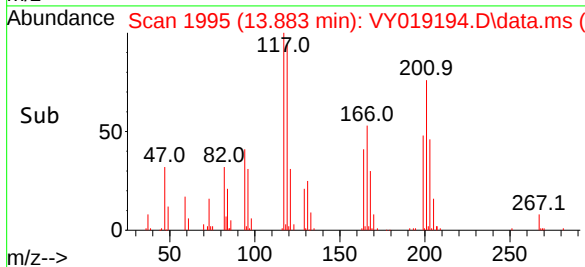
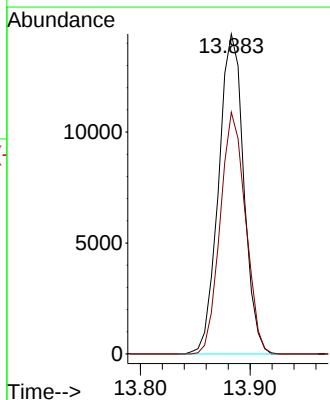
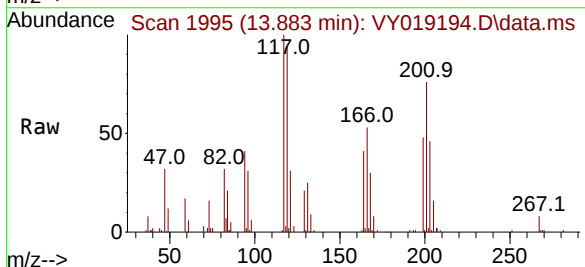
Acq: 22 Aug 2024 02:58

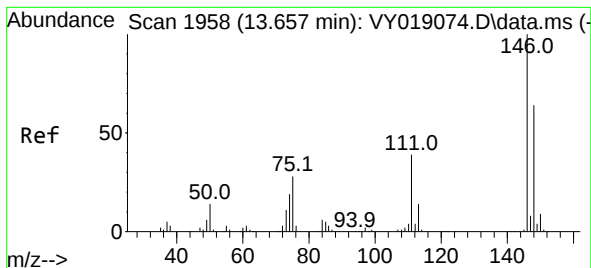
Tgt Ion: 117 Resp: 22976

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.365 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

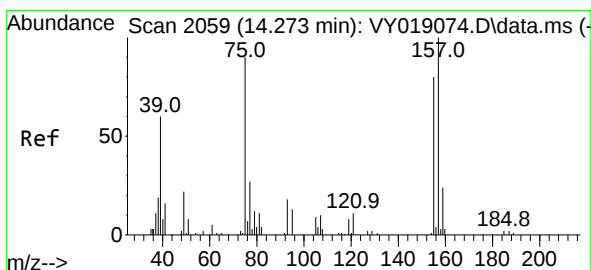
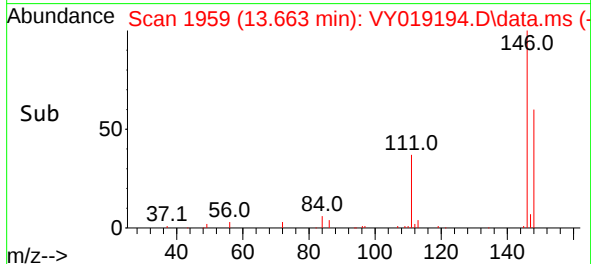
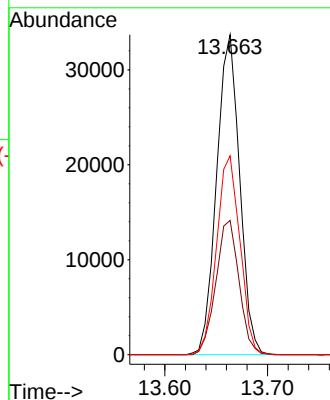
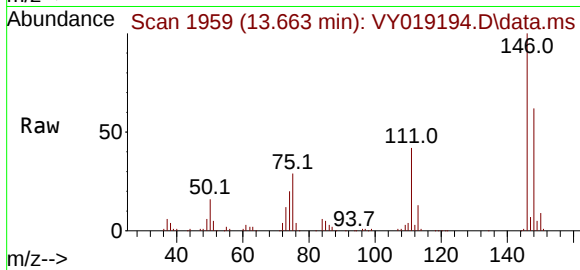
Tgt Ion:146 Resp: 52395

Ion Ratio Lower Upper

146 100

111 42.3 19.9 59.7

148 62.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.239 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

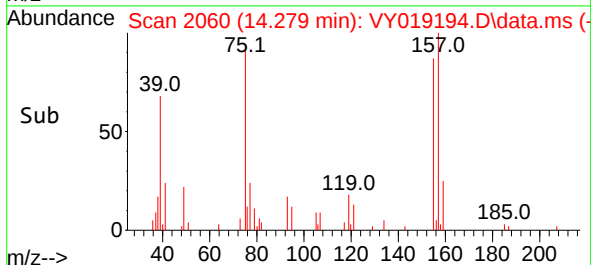
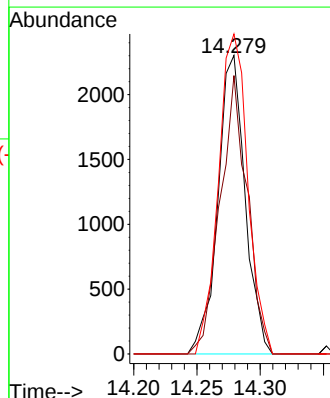
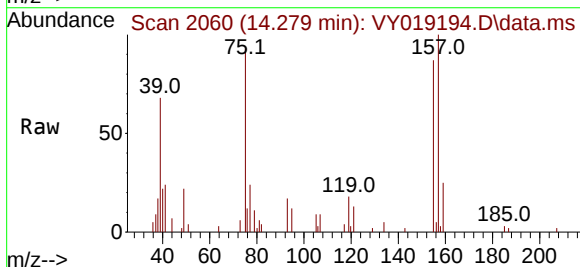
Tgt Ion: 75 Resp: 3443

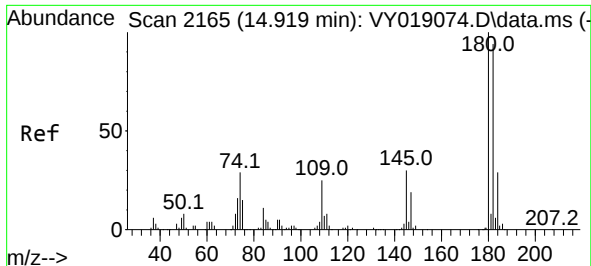
Ion Ratio Lower Upper

75 100

155 93.1 48.6 145.8

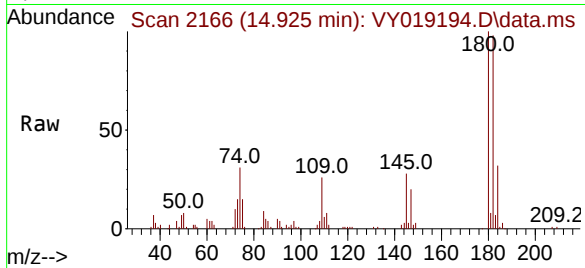
157 115.8 62.7 188.2



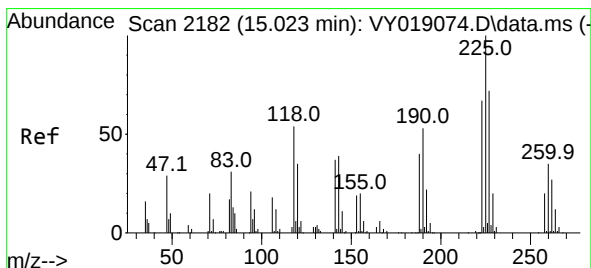
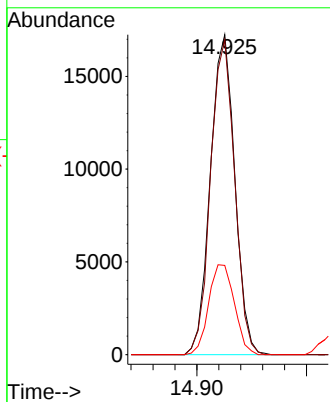
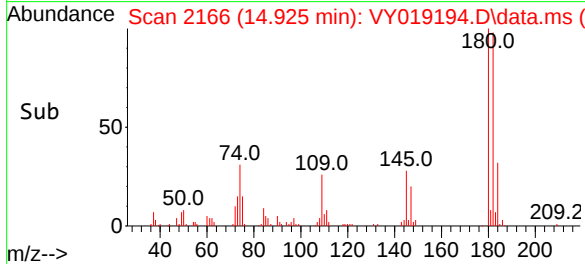


#93
 1,2,4-Trichlorobenzene
 Concen: 17.463 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58

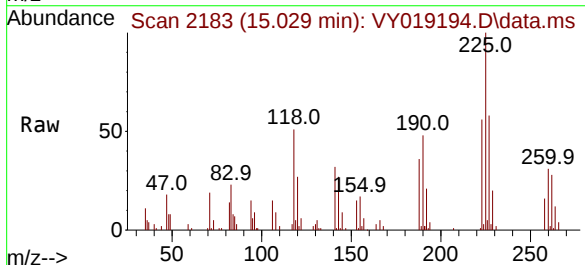
Instrument :
 MSVOA_Y
 ClientSampleId :



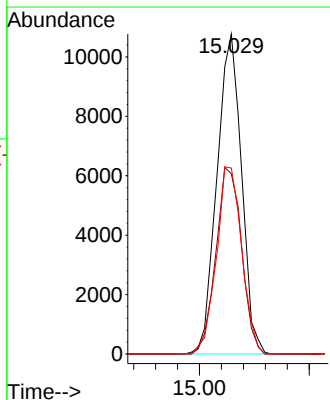
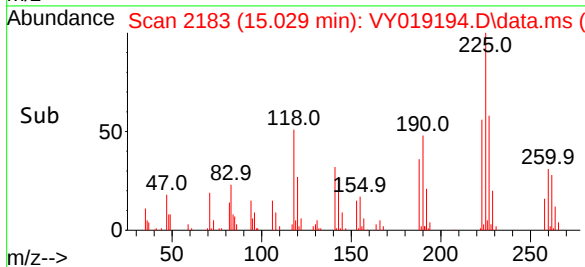
Tgt Ion:180 Resp: 26646
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.8
 145 29.6 14.2 42.6

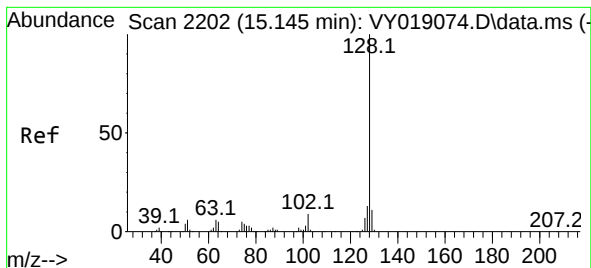


#94
 Hexachlorobutadiene
 Concen: 21.081 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY019194.D
 Acq: 22 Aug 2024 02:58



Tgt Ion:225 Resp: 16754
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.4 91.2
 227 60.3 31.9 95.9





#95

Naphthalene

Concen: 17.970 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019194.D

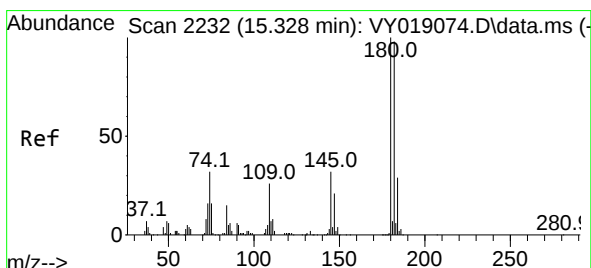
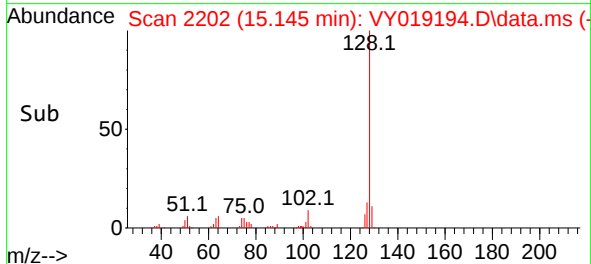
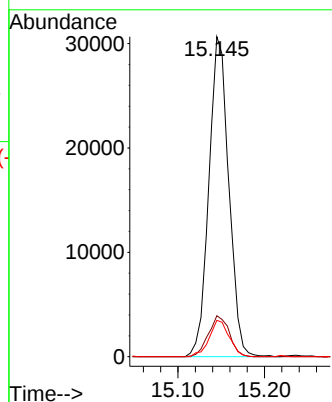
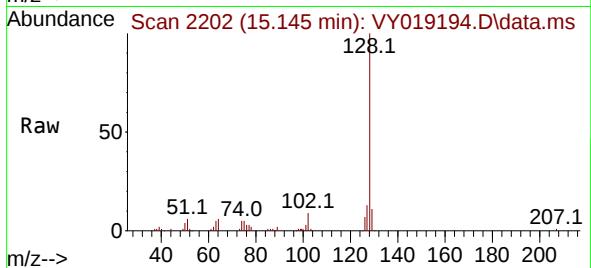
Acq: 22 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	48934
Ion	Ratio	Lower Upper
128	100	
127	13.5	10.6 16.0
129	11.4	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.662 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019194.D

Acq: 22 Aug 2024 02:58

Tgt Ion:180	Resp:	24017
Ion	Ratio	Lower Upper
180	100	
182	92.4	47.6 142.9
145	31.2	15.4 46.1

