

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019211.D
 Acq On : 22 Aug 2024 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:48:21 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	109345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	172965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57594	52.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.628	113	60926	53.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.103	98	222640	54.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.408	95	74455	53.664	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38277	47.712	ug/l	95
3) Chloromethane	2.068	50	63216	43.717	ug/l	96
4) Vinyl Chloride	2.202	62	82088	45.958	ug/l	98
5) Bromomethane	2.592	94	64719	60.596	ug/l	97
6) Chloroethane	2.733	64	58097	51.302	ug/l	95
7) Trichlorofluoromethane	3.050	101	119246	44.158	ug/l	97
8) Diethyl Ether	3.452	74	28129	48.258	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.806	101	58142	48.430	ug/l	96
10) Methyl Iodide	3.995	142	66716	56.696	ug/l	95
11) Tert butyl alcohol	4.842	59	22328	236.885	ug/l #	80
12) 1,1-Dichloroethene	3.781	96	56319	51.635	ug/l	93
13) Acrolein	3.647	56	14958	175.858	ug/l	98
14) Allyl chloride	4.373	41	72360	49.898	ug/l	91
15) Acrylonitrile	5.043	53	60019	251.648	ug/l	97
16) Acetone	3.860	43	55587	273.458	ug/l #	87
17) Carbon Disulfide	4.098	76	153946	50.041	ug/l	100
18) Methyl Acetate	4.373	43	29503	47.290	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	136641	51.673	ug/l	95
20) Methylene Chloride	4.610	84	64730	51.602	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	63215	51.877	ug/l	96
22) Diisopropyl ether	6.013	45	179478	54.063	ug/l	93
23) Vinyl Acetate	5.945	43	708196	269.450	ug/l	97
24) 1,1-Dichloroethane	5.903	63	104613	51.528	ug/l	99
25) 2-Butanone	6.878	43	81918	250.232	ug/l	91
26) 2,2-Dichloropropane	6.878	77	87961	53.503	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	76511	53.353	ug/l	100
28) Bromochloromethane	7.238	49	43325	50.873	ug/l	96
29) Tetrahydrofuran	7.250	42	51555	244.986	ug/l	93
30) Chloroform	7.415	83	121259	53.601	ug/l	96
31) Cyclohexane	7.689	56	82195	52.651	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	107654	54.150	ug/l	99
36) 1,1-Dichloropropene	7.823	75	80284	51.696	ug/l	99
37) Ethyl Acetate	6.970	43	35395	51.442	ug/l	98
38) Carbon Tetrachloride	7.811	117	99859	55.485	ug/l	93
39) Methylcyclohexane	9.103	83	102747	51.556	ug/l	99
40) Benzene	8.073	78	258656	54.306	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	29769	79.269	ug/l #	35
42) 1,2-Dichloroethane	8.152	62	68076	52.928	ug/l	99
43) Isopropyl Acetate	8.183	43	70176	50.432	ug/l #	82
44) Trichloroethene	8.860	130	70568	53.099	ug/l	100
45) 1,2-Dichloropropane	9.134	63	56083	52.849	ug/l	99
46) Dibromomethane	9.225	93	36274	52.702	ug/l	98
47) Bromodichloromethane	9.420	83	91253	54.039	ug/l	97
48) Methyl methacrylate	9.213	41	31816	51.304	ug/l #	89
49) 1,4-Dioxane	9.219	88	8663	1039.019	ug/l #	97
51) 4-Methyl-2-Pentanone	10.000	43	184695	250.076	ug/l	95
52) Toluene	10.170	92	173055	55.351	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	77129	55.061	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	92763	55.064	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	47702	53.836	ug/l	95
56) Ethyl methacrylate	10.439	69	62900	54.235	ug/l #	90
57) 1,3-Dichloropropane	10.719	76	77377	53.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	139575	253.684	ug/l	95
59) 2-Hexanone	10.762	43	128755	253.753	ug/l	93
60) Dibromochloromethane	10.914	129	66550	55.145	ug/l	98
61) 1,2-Dibromoethane	11.018	107	45140	52.709	ug/l	99
64) Tetrachloroethene	10.646	164	70981	52.883	ug/l	97
65) Chlorobenzene	11.444	112	188064	53.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	69489	55.884	ug/l	98
67) Ethyl Benzene	11.518	91	335321	54.639	ug/l	100
68) m/p-Xylenes	11.627	106	274227	112.613	ug/l	99
69) o-Xylene	11.957	106	125450	55.631	ug/l	99
70) Styrene	11.969	104	217344	56.519	ug/l	97
71) Bromoform	12.133	173	39459	55.513	ug/l #	99
73) Isopropylbenzene	12.255	105	331796	55.606	ug/l	99
74) N-amyl acetate	12.072	43	65827	50.592	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	52771	49.677	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	66662	86.827	ug/l #	100
77) Bromobenzene	12.536	156	77577	54.136	ug/l	92
78) n-propylbenzene	12.597	91	389291	54.576	ug/l	99
79) 2-Chlorotoluene	12.682	91	217061	54.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	270494	55.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	16151	51.954	ug/l	88
82) 4-Chlorotoluene	12.780	91	225776	54.265	ug/l	98
83) tert-Butylbenzene	12.999	119	242852	54.099	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	262992	54.284	ug/l	98
85) sec-Butylbenzene	13.176	105	354427	54.180	ug/l	98
86) p-Isopropyltoluene	13.292	119	299587	55.755	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	155389	54.984	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	151517	53.936	ug/l	99
89) n-Butylbenzene	13.621	91	259651	53.002	ug/l	98
90) Hexachloroethane	13.883	117	57823	54.597	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	133935	53.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7649	48.946	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	71522	51.026	ug/l	99
94) Hexachlorobutadiene	15.029	225	39796	54.508	ug/l	97
95) Naphthalene	15.145	128	125109	50.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	60834	51.458	ug/l	97

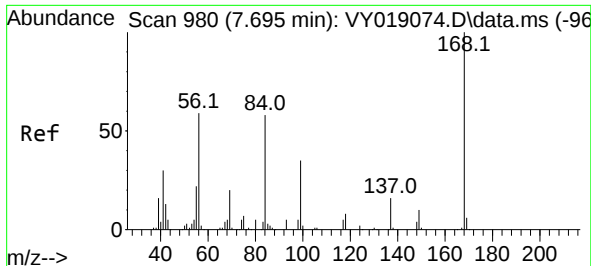
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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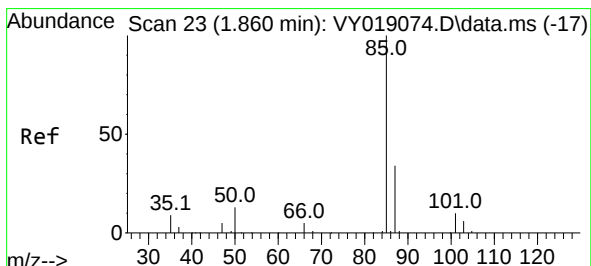
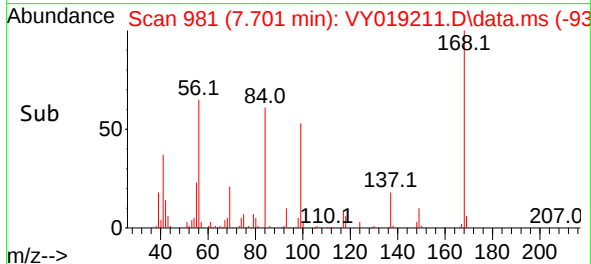
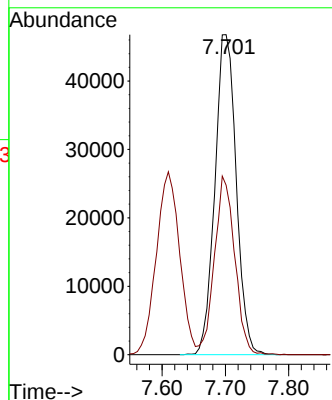
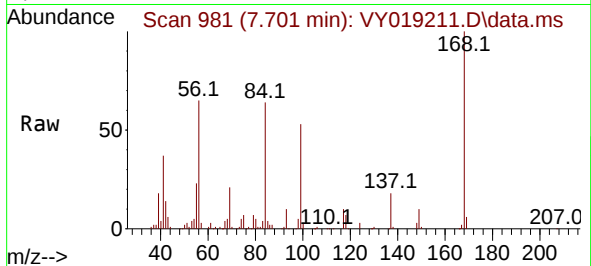
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

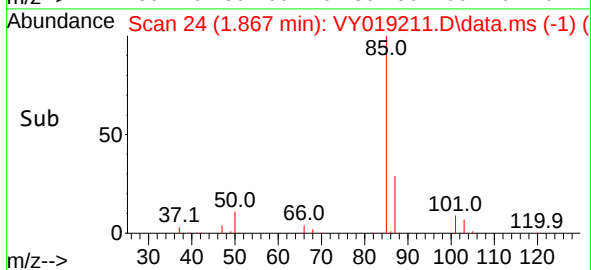
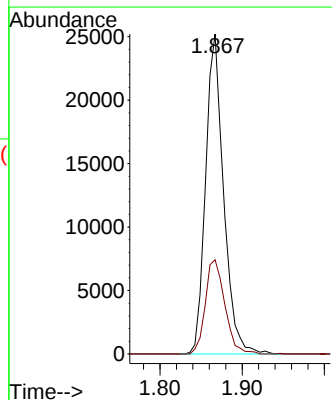
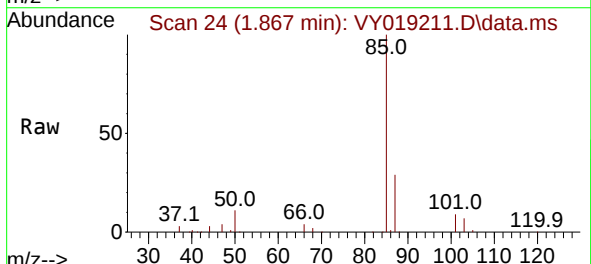
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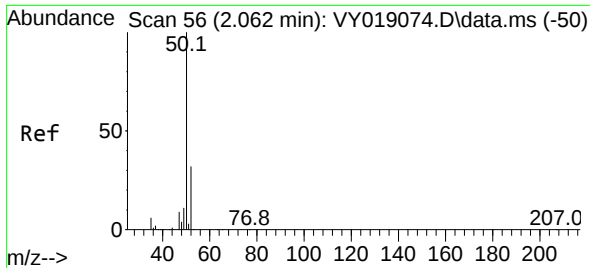
Tgt Ion:168 Resp: 109345
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.712 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 85 Resp: 38277
Ion Ratio Lower Upper
85 100
87 29.4 16.0 48.0

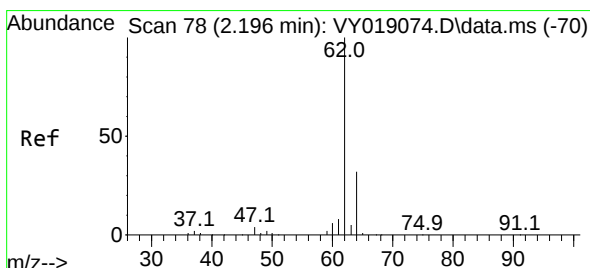
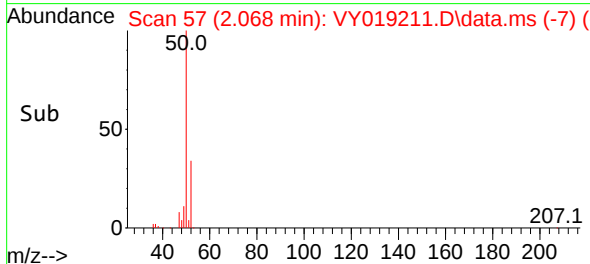
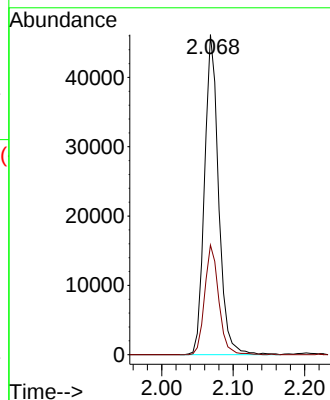
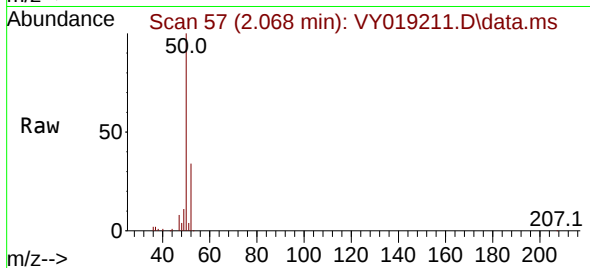




#3
Chloromethane
Concen: 43.717 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

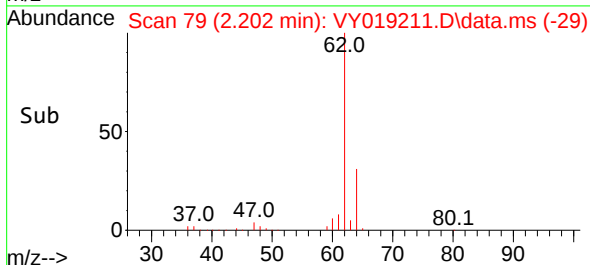
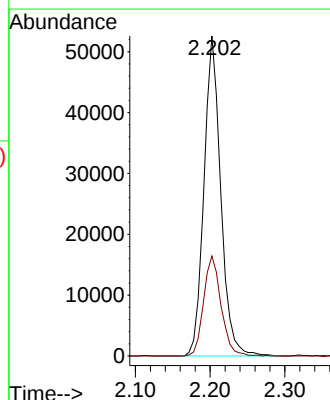
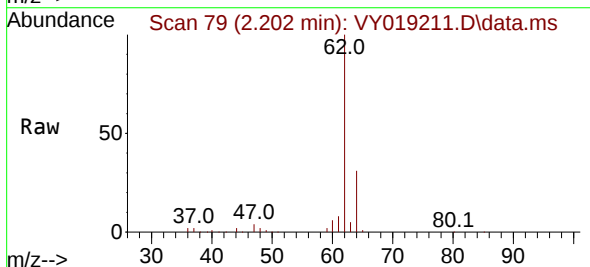
Instrument :
MSVOA_Y
ClientSampleId :

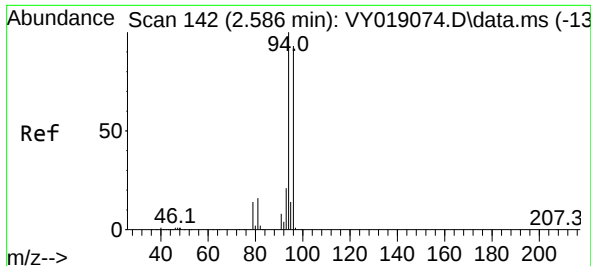
Tgt Ion: 50 Resp: 63216
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 45.958 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 62 Resp: 82088
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

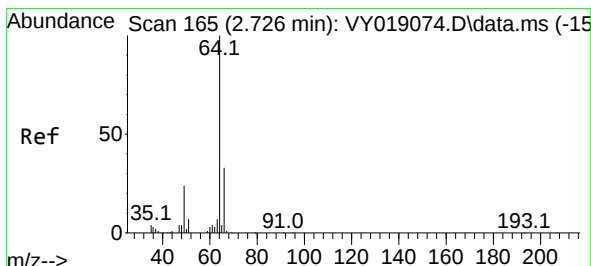
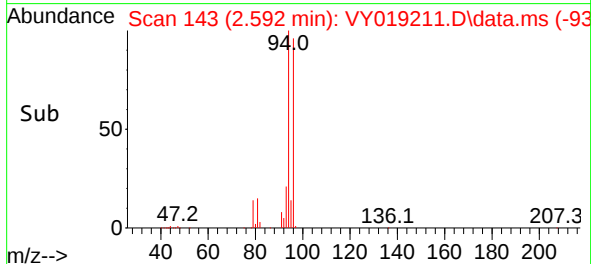
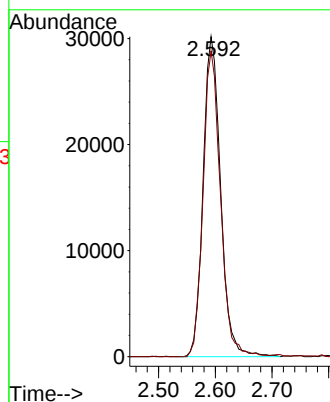
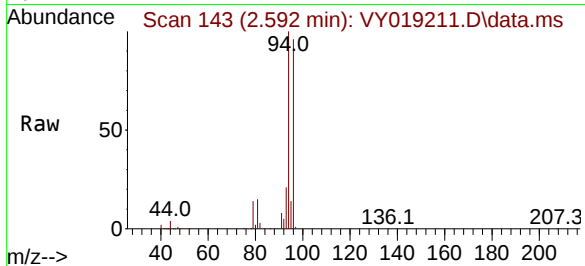




#5
Bromomethane
Concen: 60.596 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

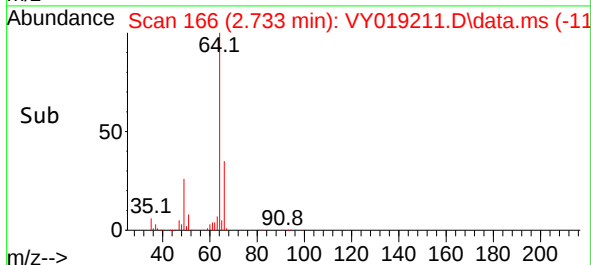
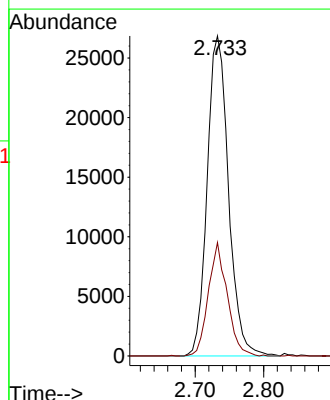
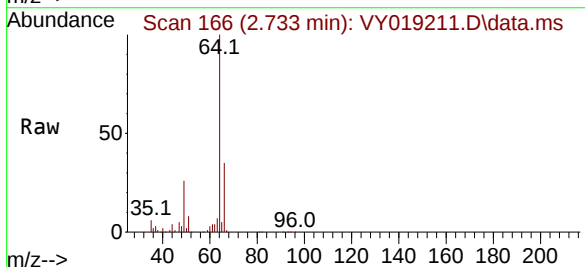
Instrument :
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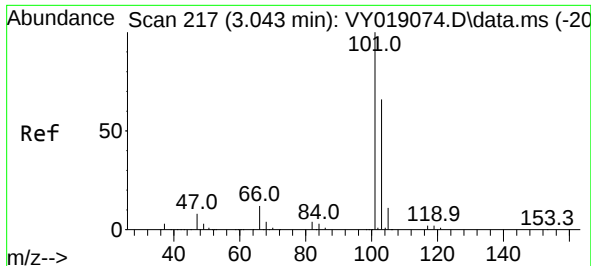
Tgt Ion: 94 Resp: 64719
Ion Ratio Lower Upper
94 100
96 95.5 74.1 111.1



#6
Chloroethane
Concen: 51.302 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.007 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 64 Resp: 58097
Ion Ratio Lower Upper
64 100
66 35.4 26.1 39.1

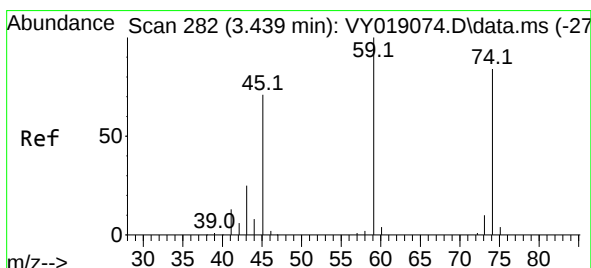
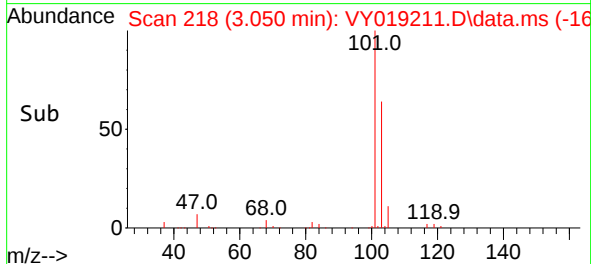
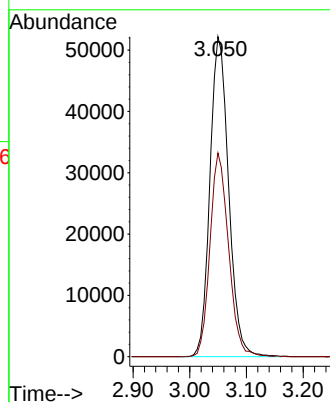
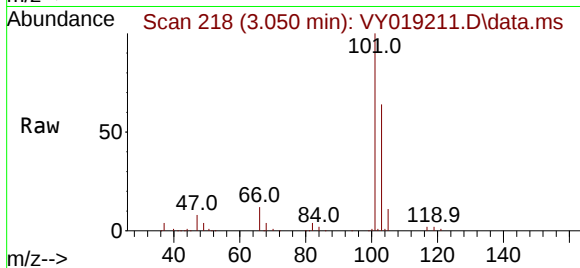




#7
 Trichlorofluoromethane
 Concen: 44.158 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

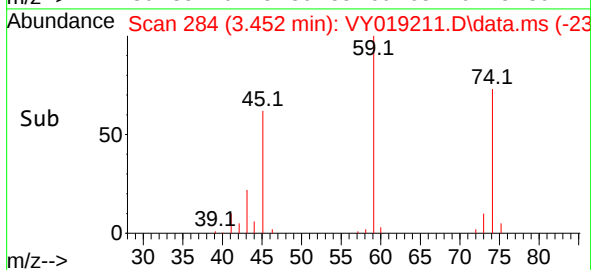
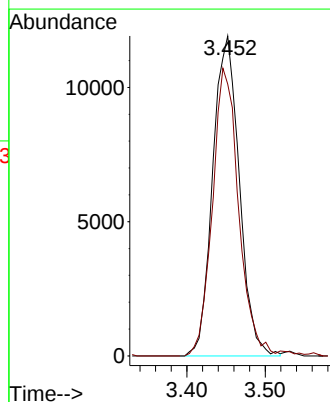
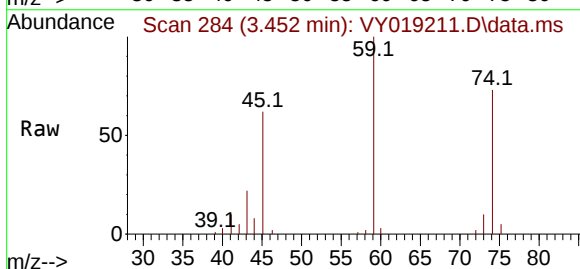
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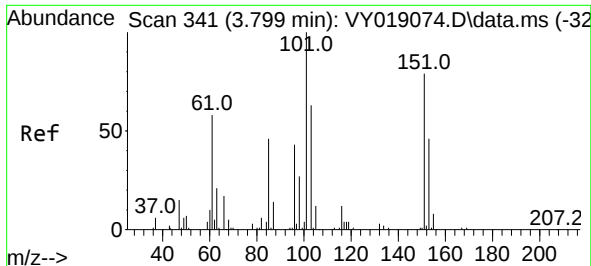
Tgt Ion:101 Resp: 119246
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.258 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.013 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

Tgt Ion: 74 Resp: 28129
 Ion Ratio Lower Upper
 74 100
 45 88.5 41.3 124.1

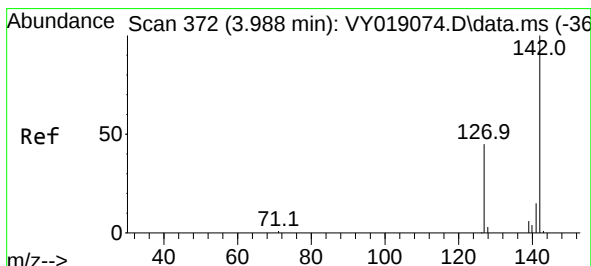
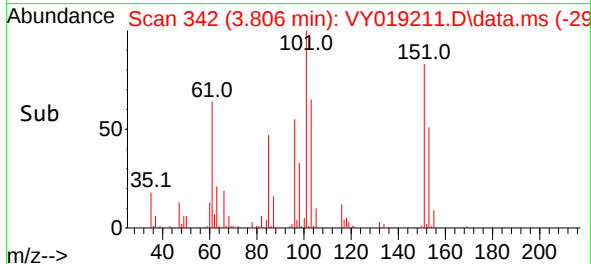
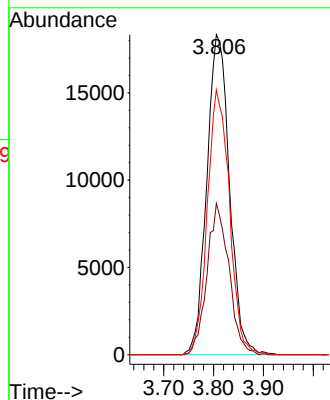
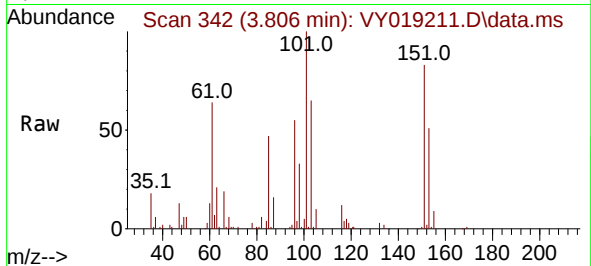




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.430 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019211.D
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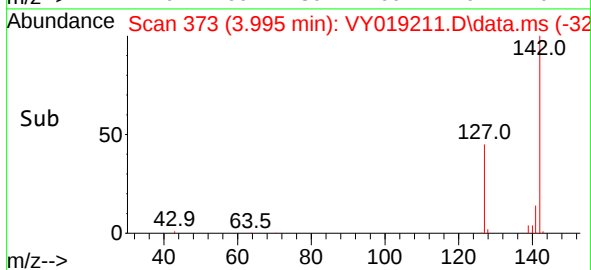
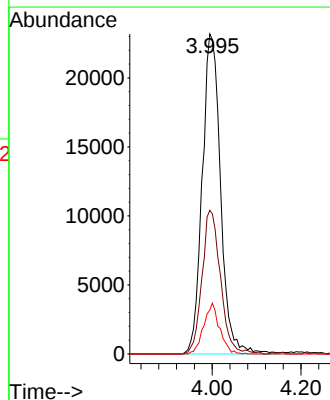
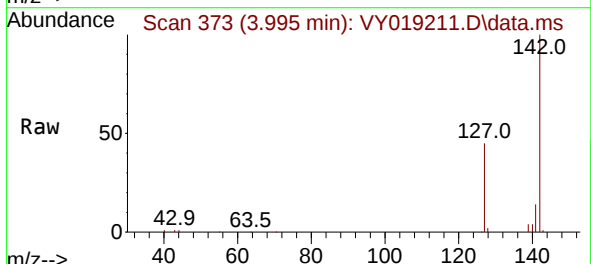
Instrument :
MSVOA_Y
ClientSampleId :

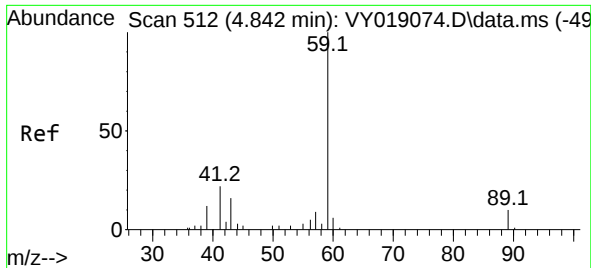
Tgt Ion:101 Resp: 58142
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 80.3 61.7 92.5



#10
Methyl Iodide
Concen: 56.696 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

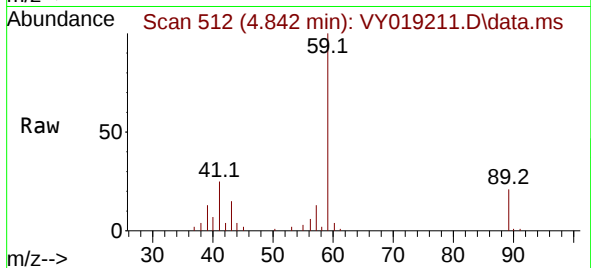
Tgt Ion:142 Resp: 66716
Ion Ratio Lower Upper
142 100
127 45.2 32.8 49.2
141 13.8 11.4 17.2



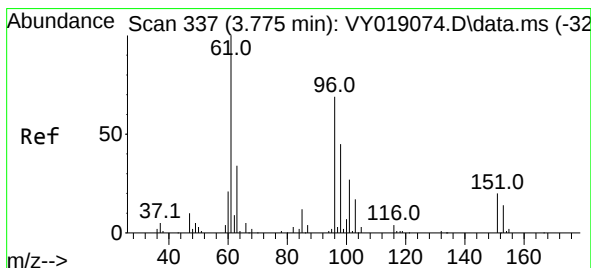
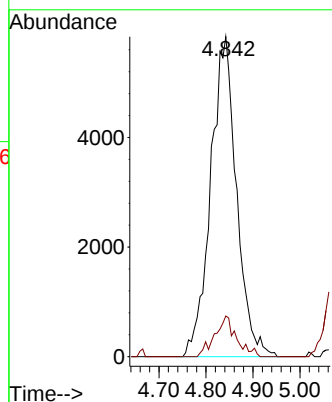
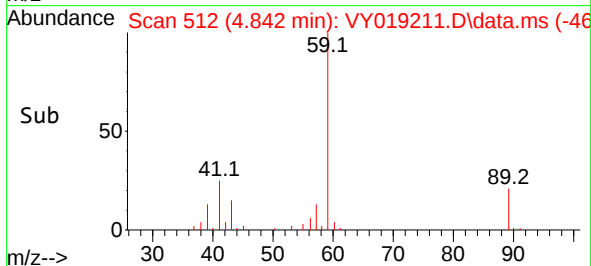


#11
Tert butyl alcohol
Concen: 236.885 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

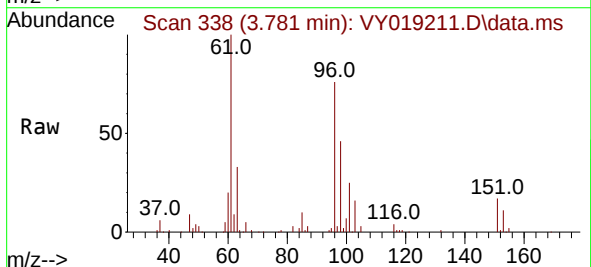
Instrument :
MSVOA_Y
ClientSampleId :



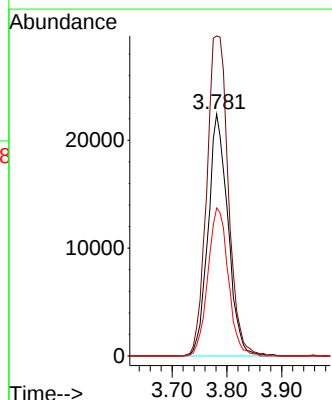
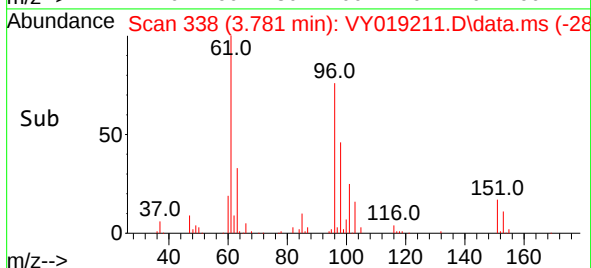
Tgt Ion: 59 Resp: 22328
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#

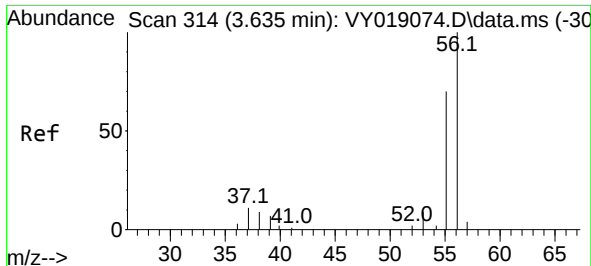


#12
1,1-Dichloroethene
Concen: 51.635 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22



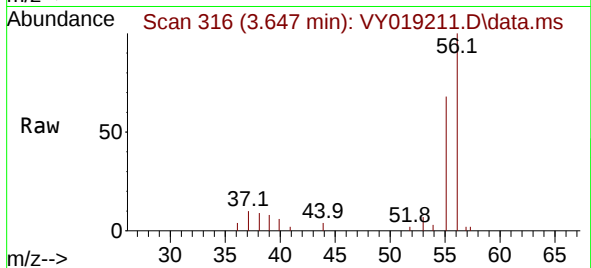
Tgt Ion: 96 Resp: 56319
Ion Ratio Lower Upper
96 100
61 132.3 114.6 171.8
98 61.2 50.8 76.2



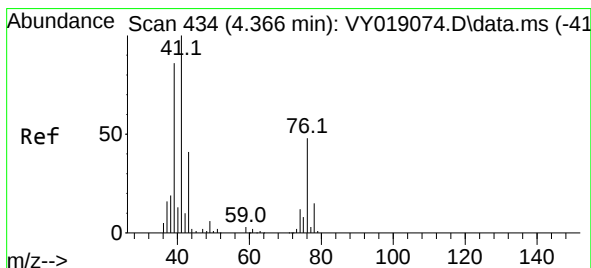
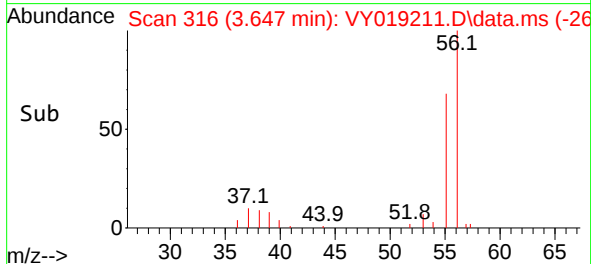
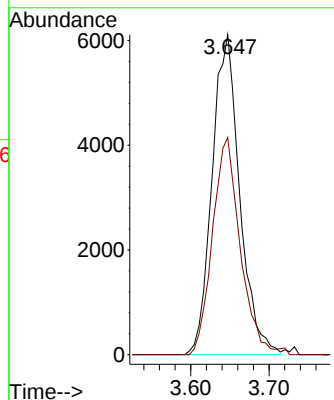


#13
Acrolein
Concen: 175.858 ug/l
RT: 3.647 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

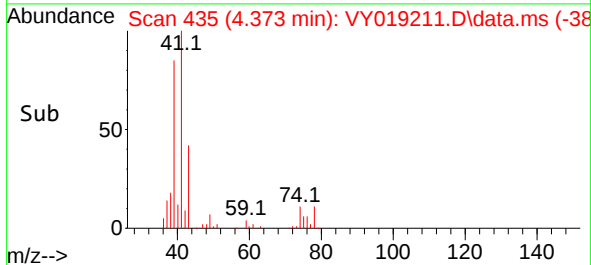
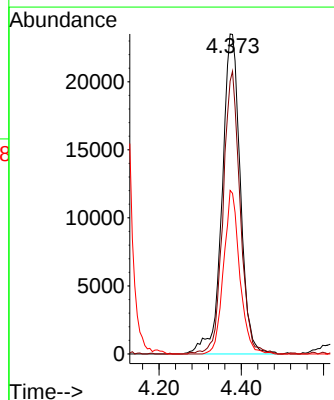
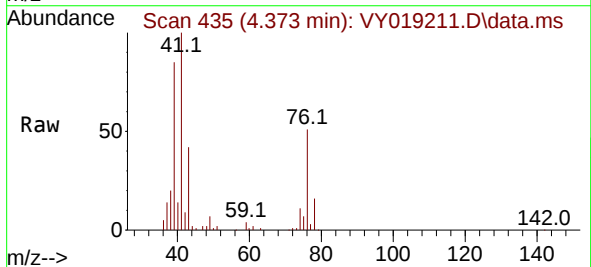


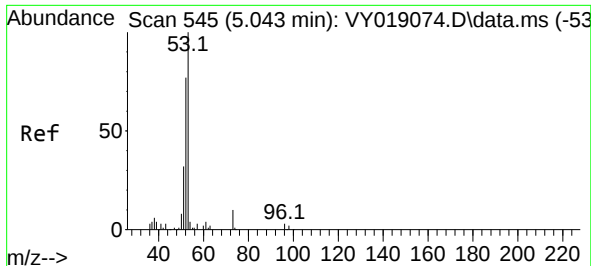
Tgt Ion: 56 Resp: 14958
Ion Ratio Lower Upper
56 100
55 68.4 55.7 83.5



#14
Allyl chloride
Concen: 49.898 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

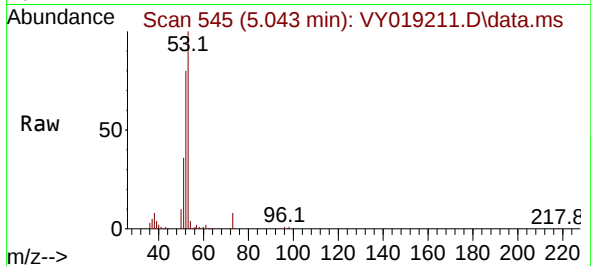
Tgt Ion: 41 Resp: 72360
Ion Ratio Lower Upper
41 100
39 82.7 58.3 87.5
76 45.1 39.0 58.6



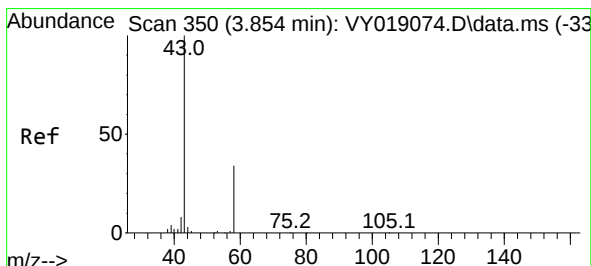
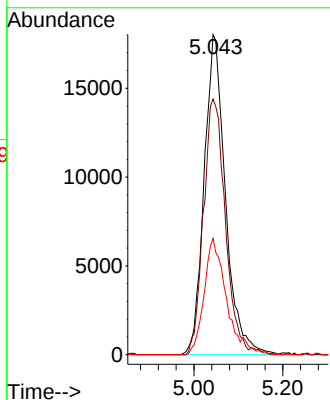
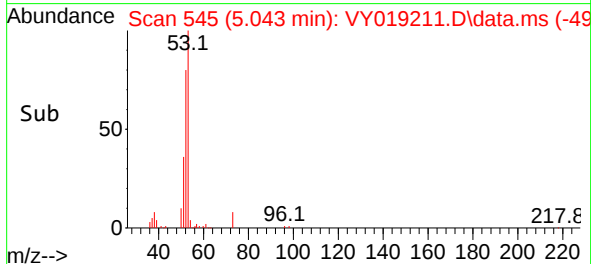


#15
Acrylonitrile
Concen: 251.648 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

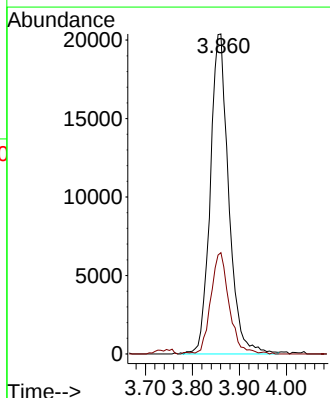
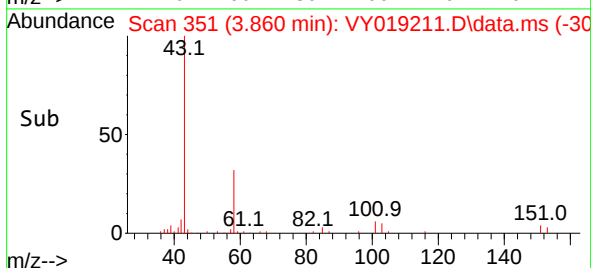
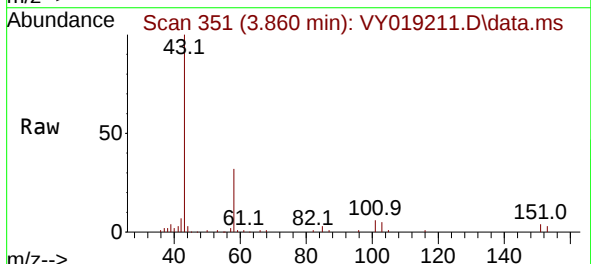


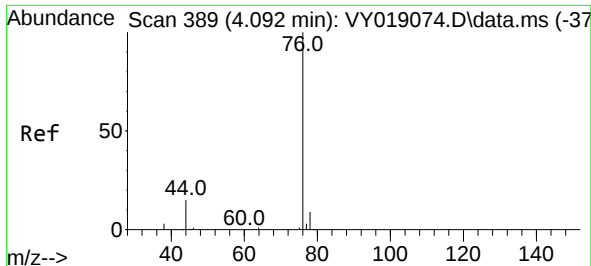
Tgt Ion: 53 Resp: 60019
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 37.9 28.4 42.6



#16
Acetone
Concen: 273.458 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 43 Resp: 55587
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#

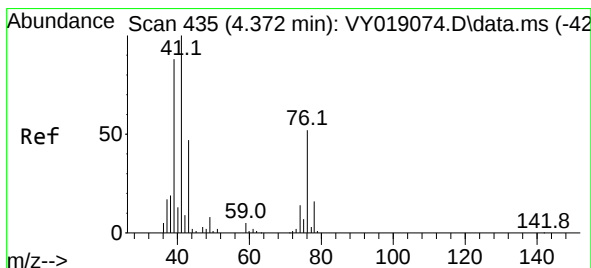
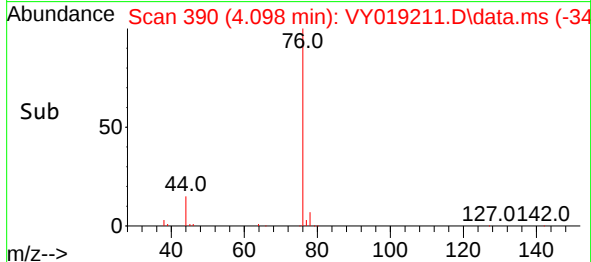
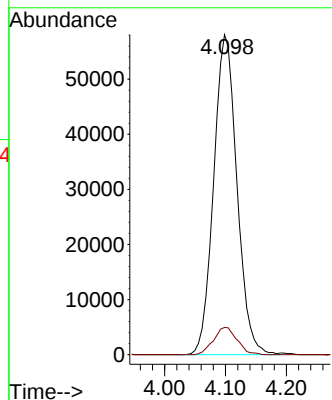
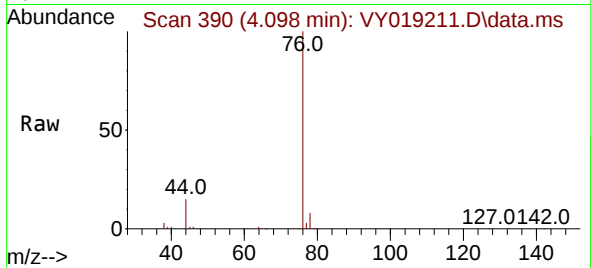




#17
Carbon Disulfide
Concen: 50.041 ug/l
RT: 4.098 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

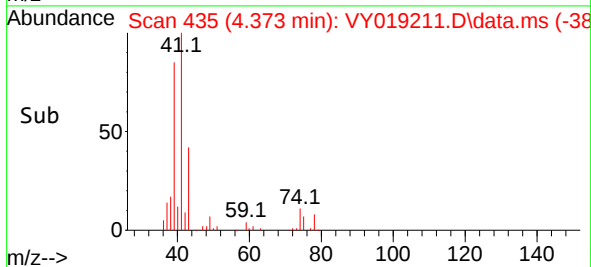
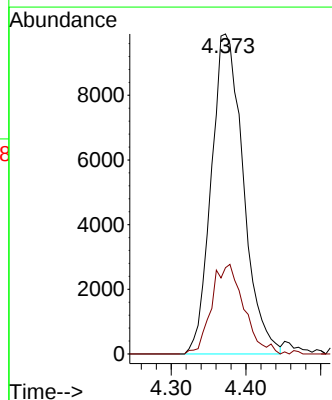
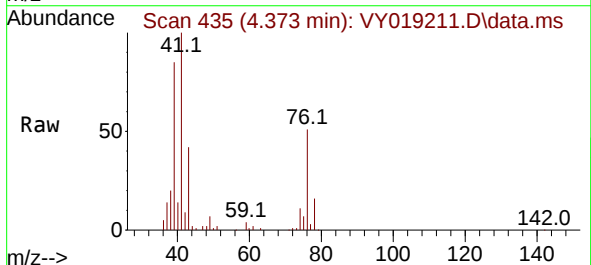
Instrument :
MSVOA_Y
ClientSampleId :

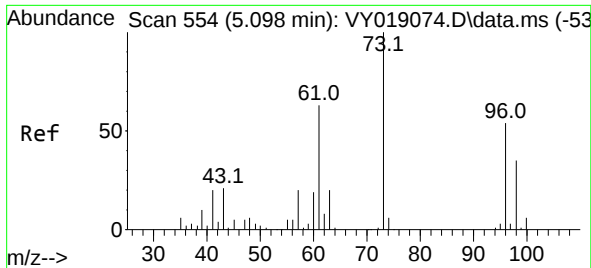
Tgt Ion: 76 Resp: 153946
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 47.290 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 43 Resp: 29503
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9

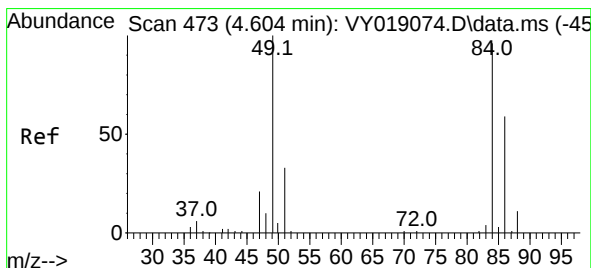
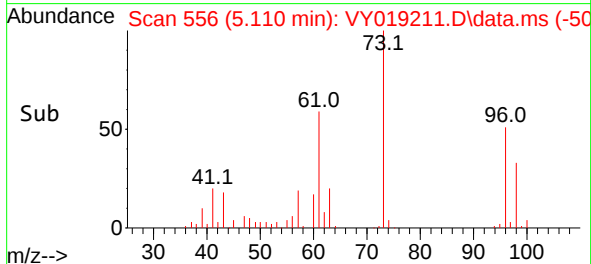
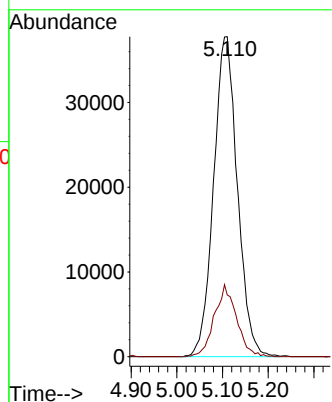
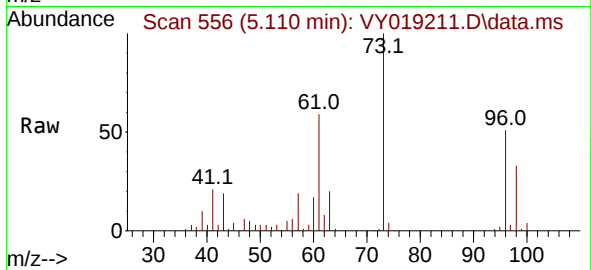




#19
Methyl tert-butyl Ether
Concen: 51.673 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.013 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

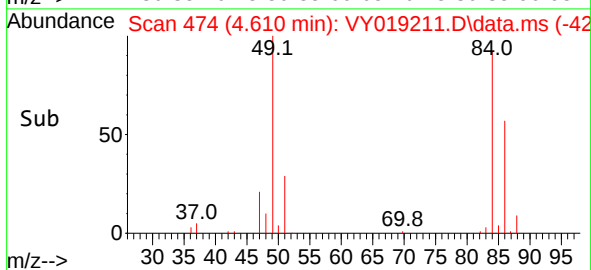
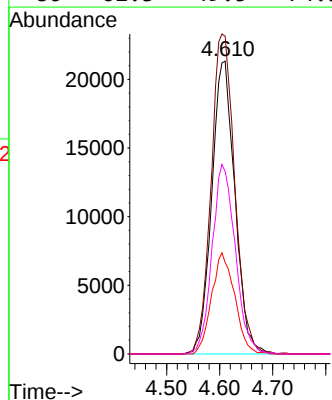
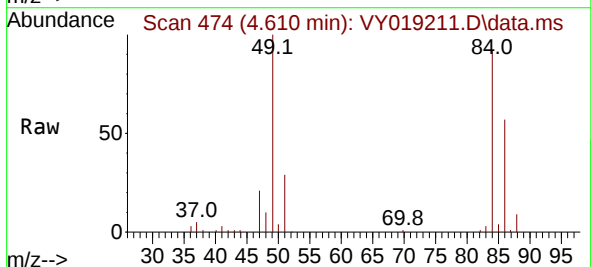
Instrument :
MSVOA_Y
ClientSampleId :

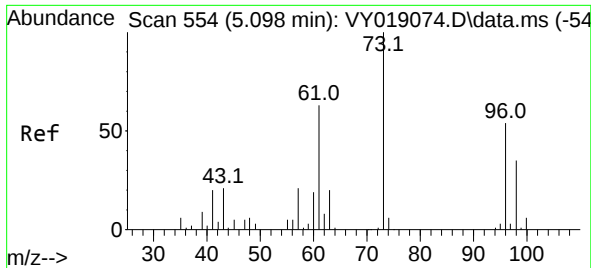
Tgt Ion: 73 Resp: 136641
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9



#20
Methylene Chloride
Concen: 51.602 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

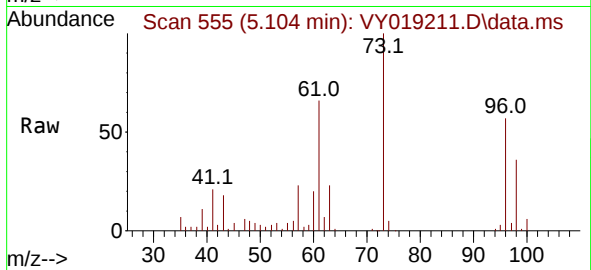
Tgt Ion: 84 Resp: 64730
Ion Ratio Lower Upper
84 100
49 108.5 84.4 126.6
51 31.3 26.0 39.0
86 62.3 49.5 74.3



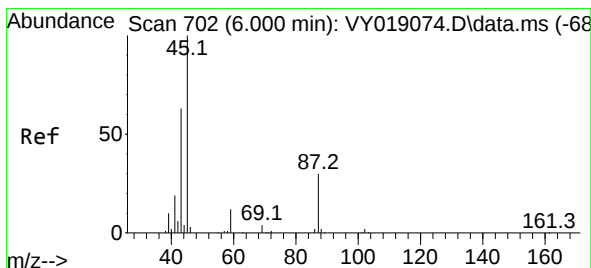
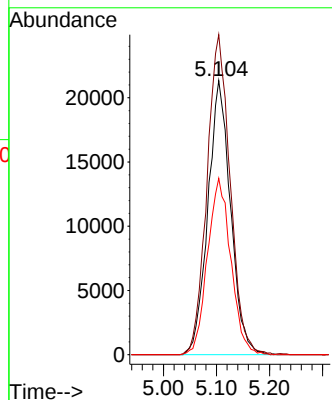
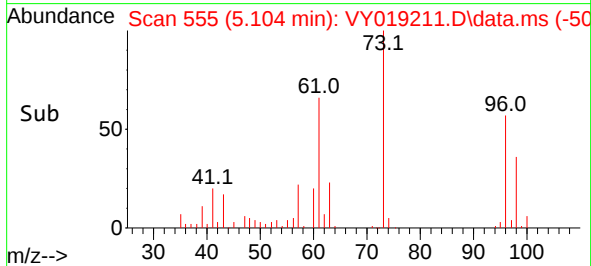


#21
trans-1,2-Dichloroethene
Concen: 51.877 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

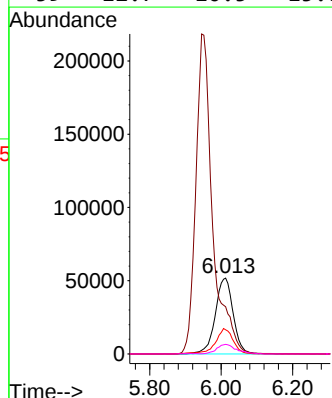
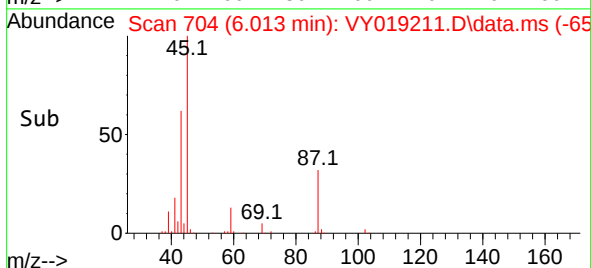
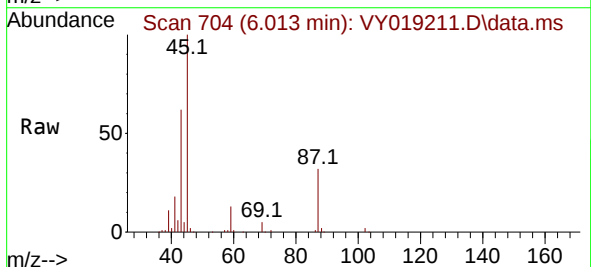


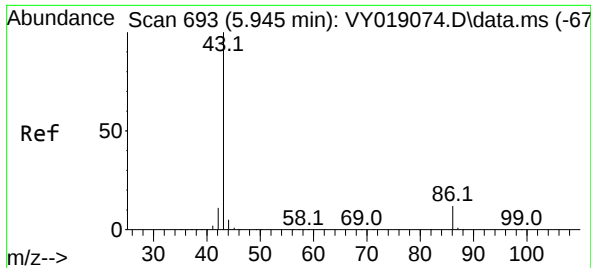
Tgt Ion: 96 Resp: 63215
Ion Ratio Lower Upper
96 100
61 116.8 97.5 146.3
98 64.4 50.5 75.7



#22
Diisopropyl ether
Concen: 54.063 ug/l
RT: 6.013 min Scan# 704
Delta R.T. 0.013 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 45 Resp: 179478
Ion Ratio Lower Upper
45 100
43 61.9 42.2 63.2
87 31.8 25.0 37.6
59 12.7 10.5 15.7

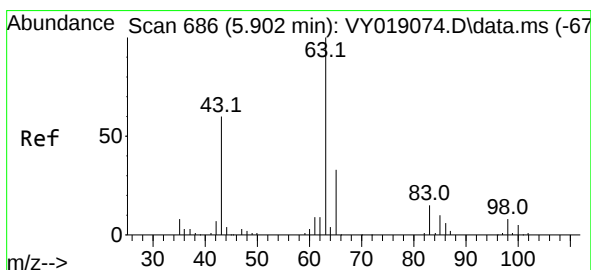
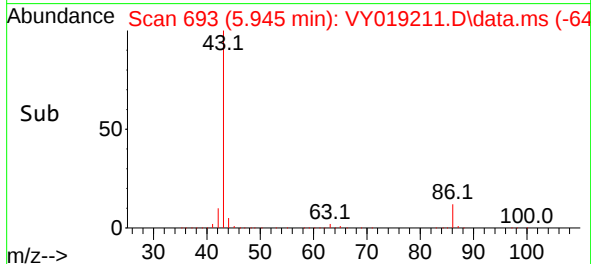
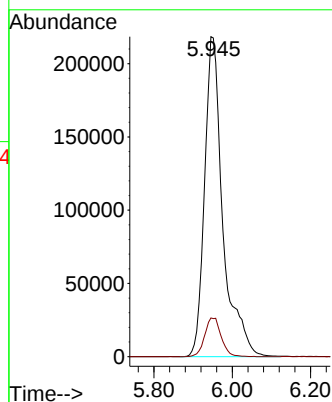
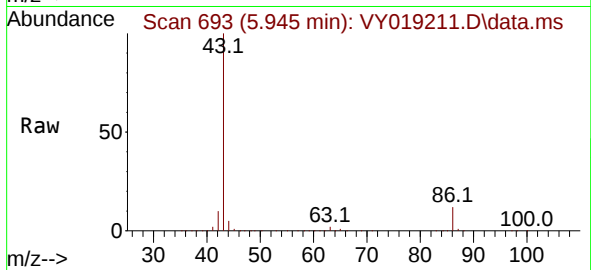




#23
 Vinyl Acetate
 Concen: 269.450 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

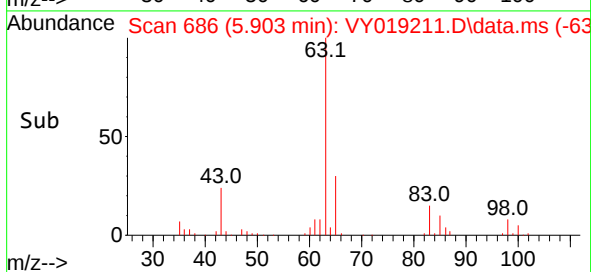
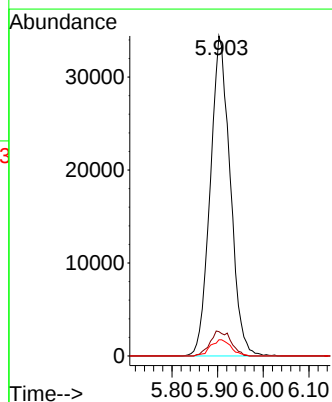
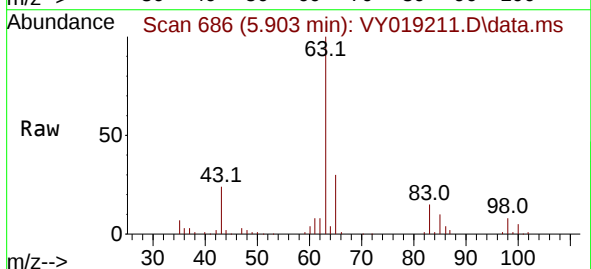
Instrument :
 MSVOA_Y
 ClientSampleId :

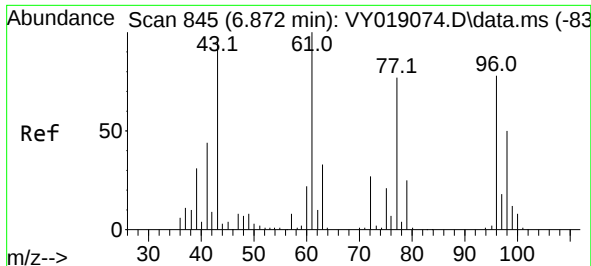
Tgt Ion: 43 Resp: 708196
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.528 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

Tgt Ion: 63 Resp: 104613
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 250.232 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

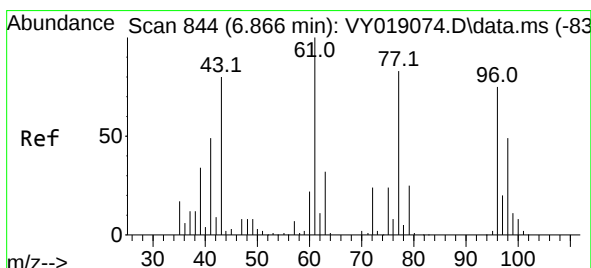
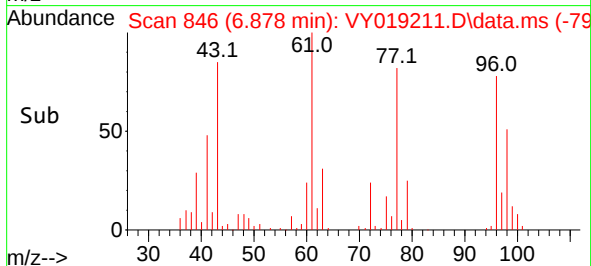
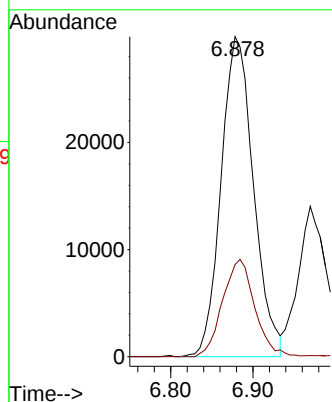
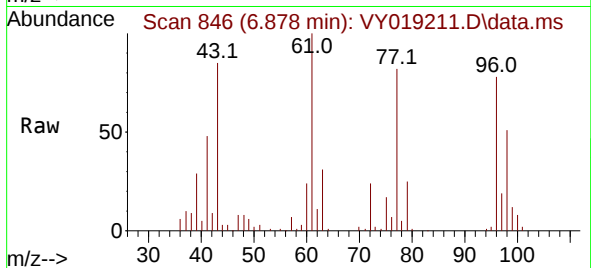
ClientSampleId :

Tgt Ion: 43 Resp: 81918

Ion Ratio Lower Upper

43 100

72 28.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 53.503 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.013 min

Lab File: VY019211.D

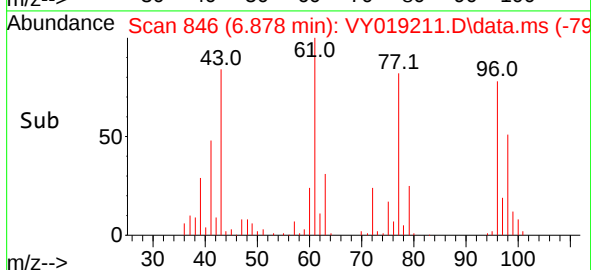
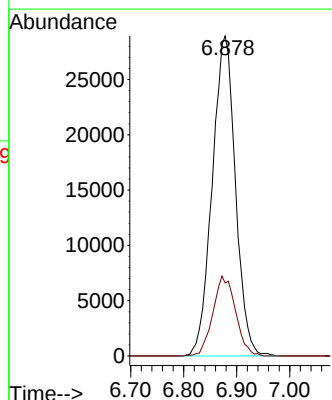
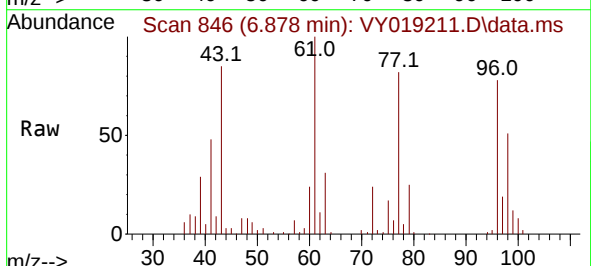
Acq: 22 Aug 2024 11:22

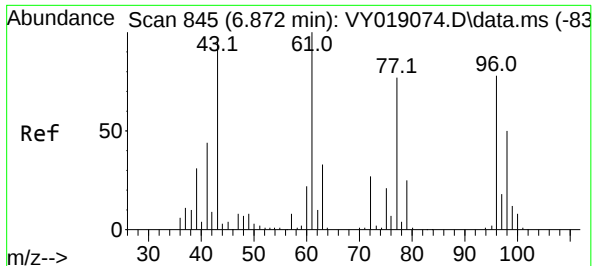
Tgt Ion: 77 Resp: 87961

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.353 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

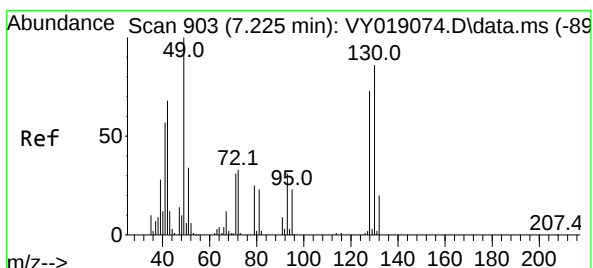
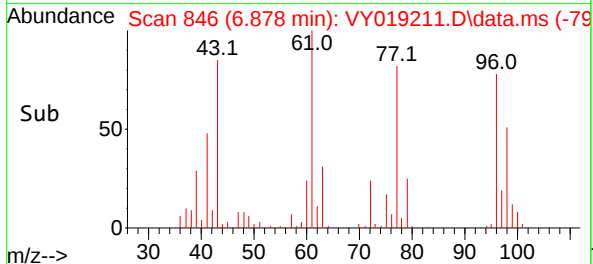
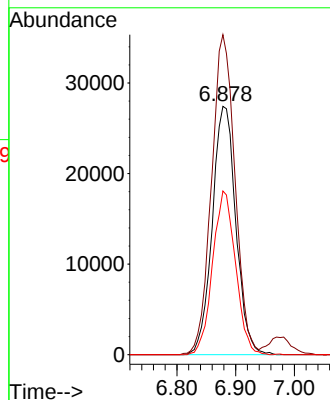
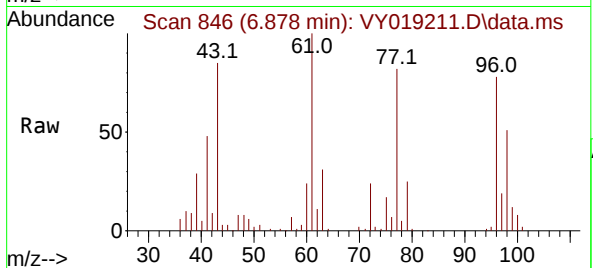
Tgt Ion: 96 Resp: 76511

Ion Ratio Lower Upper

96 100

61 128.2 0.0 256.2

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 50.873 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.013 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

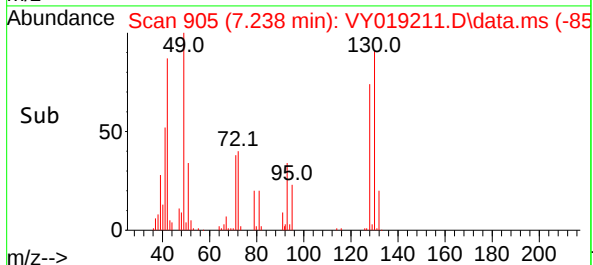
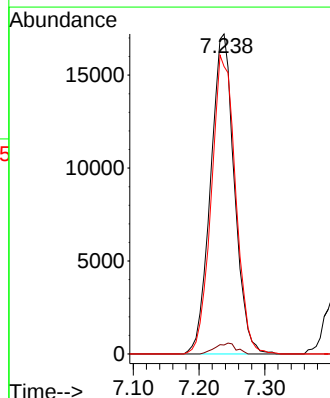
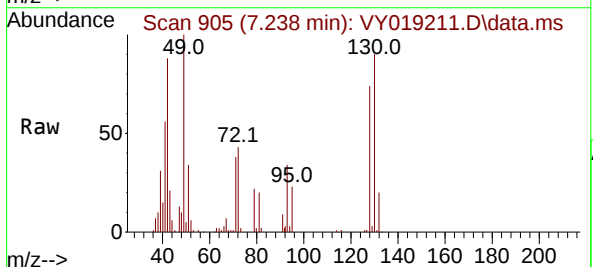
Tgt Ion: 49 Resp: 43325

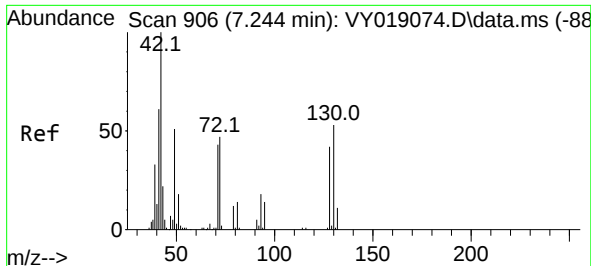
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 95.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 244.986 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

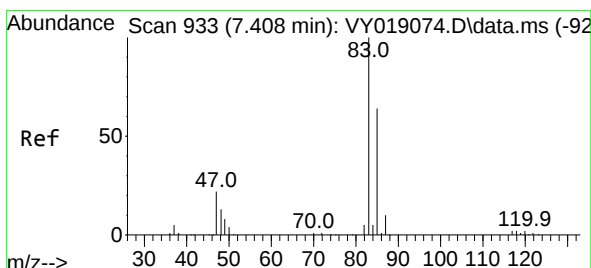
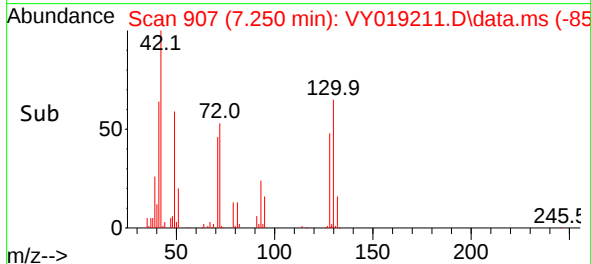
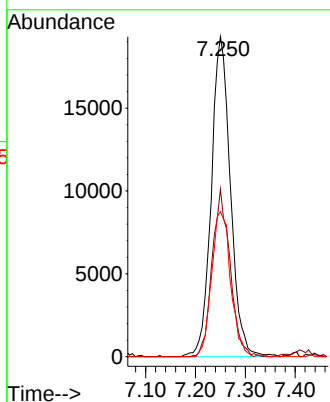
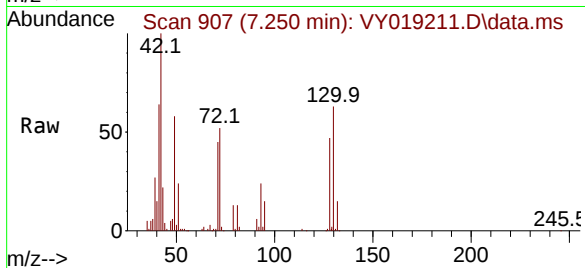
Tgt Ion: 42 Resp: 51555

Ion Ratio Lower Upper

42 100

72 49.0 43.0 64.4

71 45.2 40.8 61.2



#30

Chloroform

Concen: 53.601 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019211.D

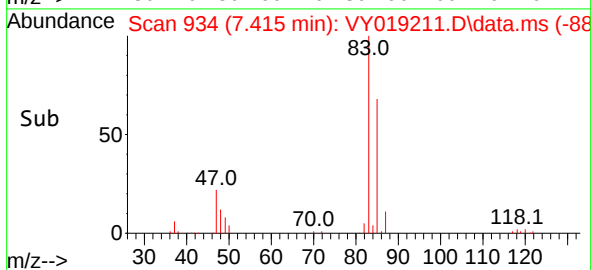
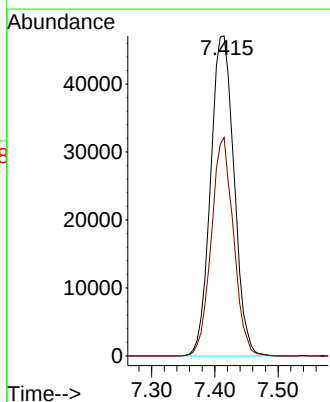
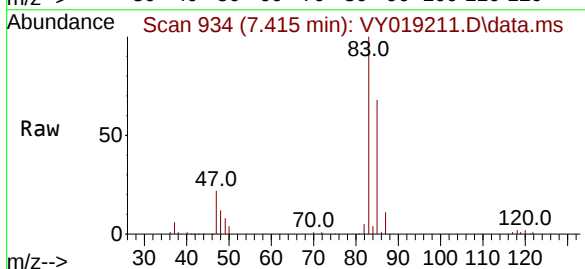
Acq: 22 Aug 2024 11:22

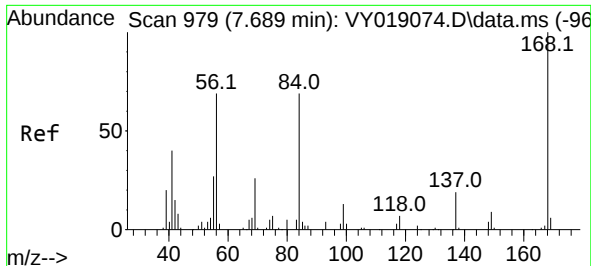
Tgt Ion: 83 Resp: 121259

Ion Ratio Lower Upper

83 100

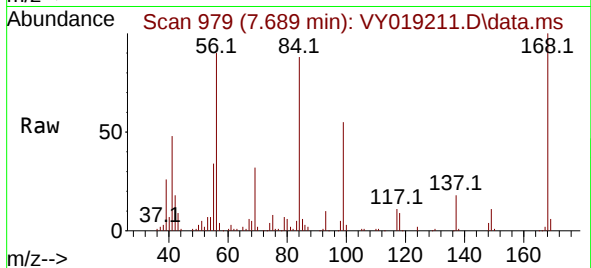
85 68.3 52.2 78.4



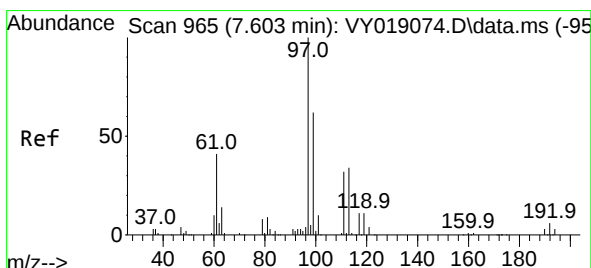
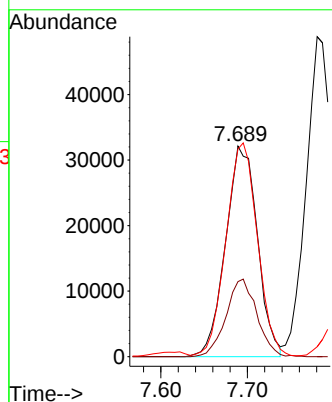
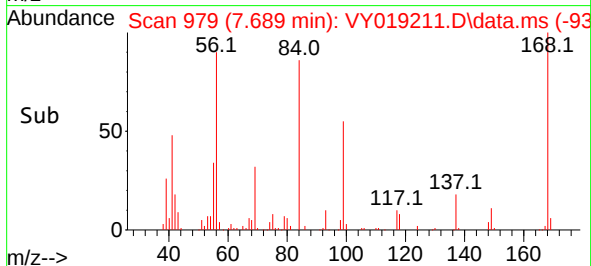


#31
Cyclohexane
Concen: 52.651 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

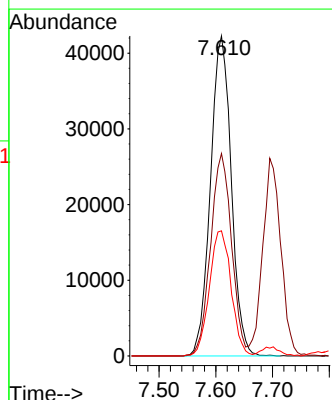
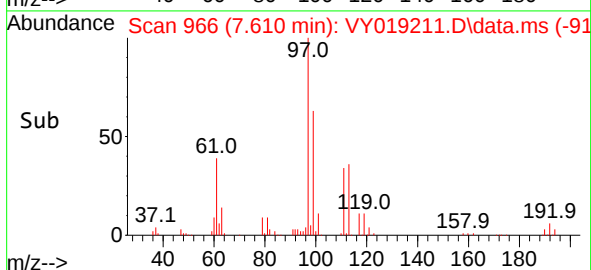
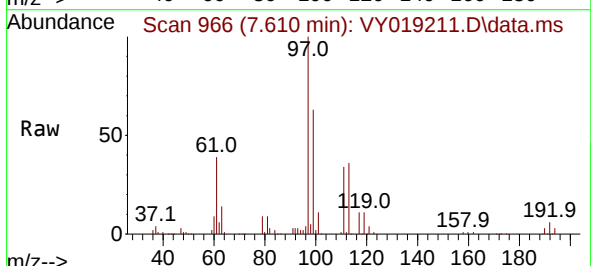


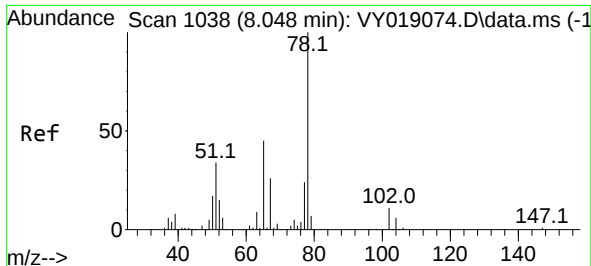
Tgt Ion: 56 Resp: 82195
Ion Ratio Lower Upper
56 100
69 35.6 28.7 43.1
84 96.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.150 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 97 Resp: 107654
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.545 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

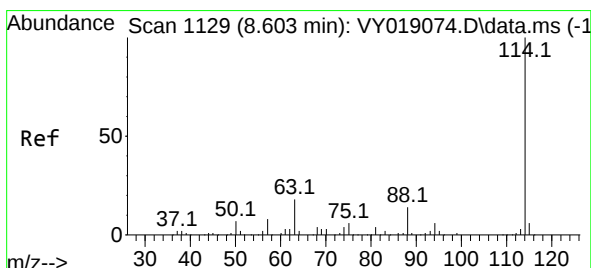
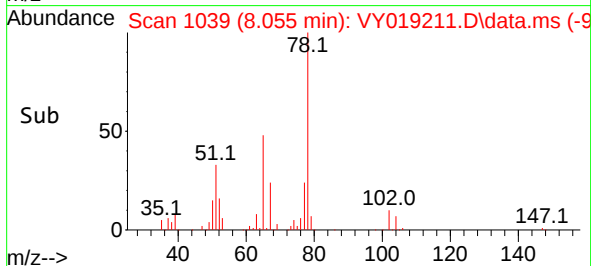
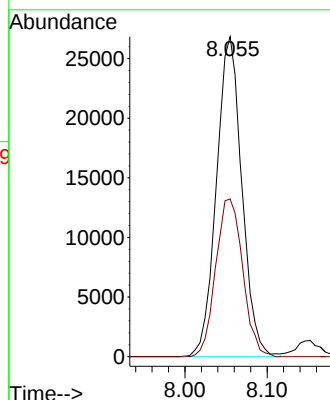
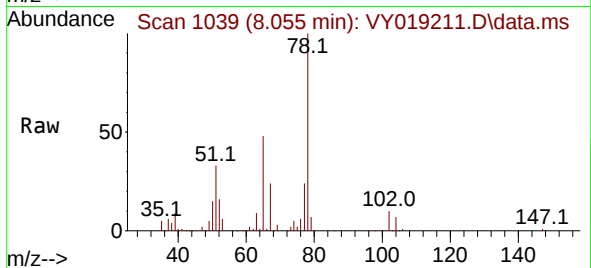
ClientSampleId :

Tgt Ion: 65 Resp: 57594

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

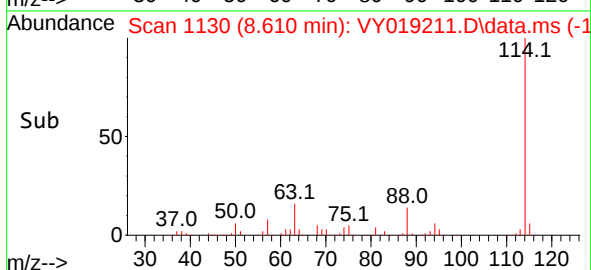
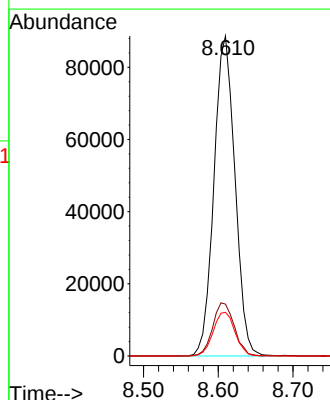
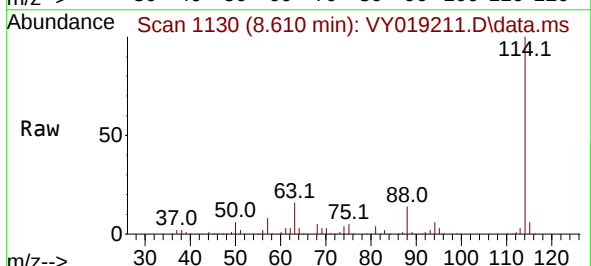
Tgt Ion: 114 Resp: 172965

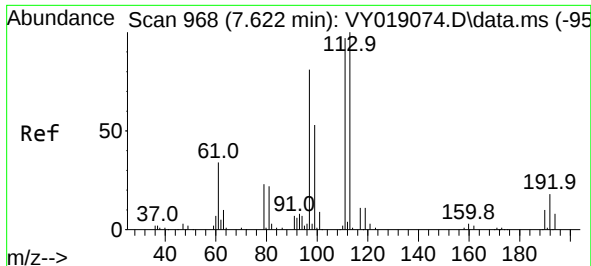
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.7 0.0 27.2

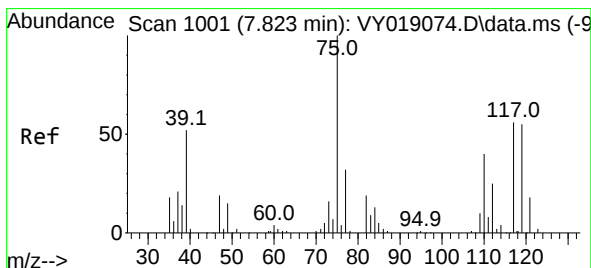
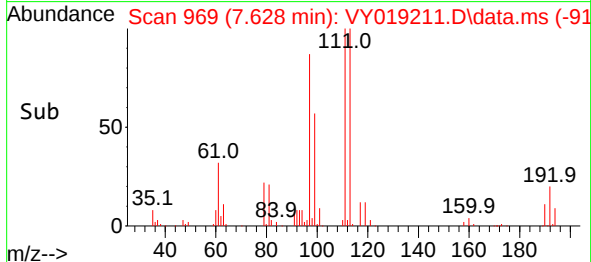
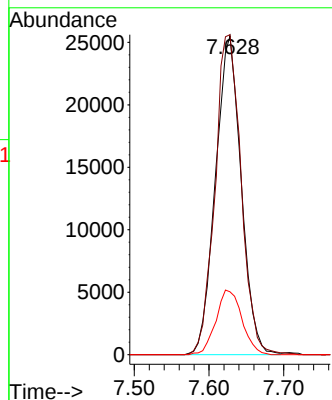
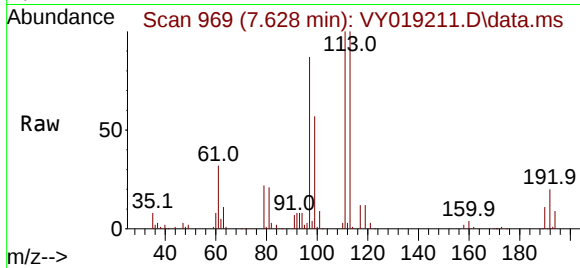




#35
Dibromofluoromethane
Concen: 53.872 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

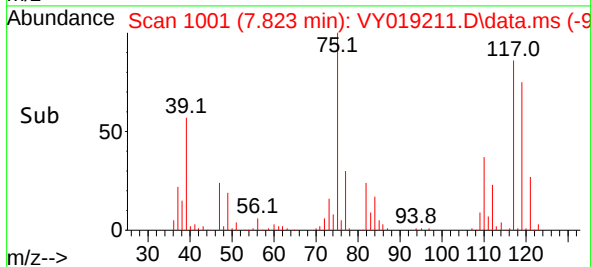
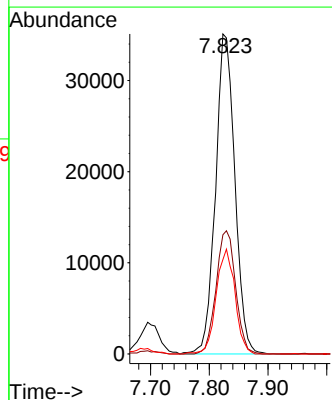
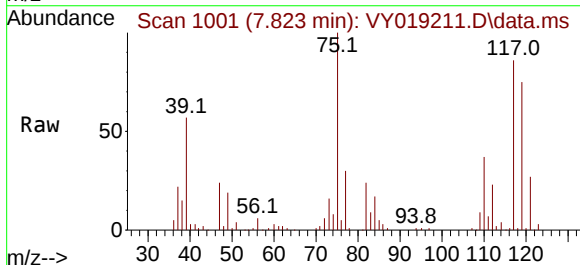
Instrument :
MSVOA_Y
ClientSampleId :

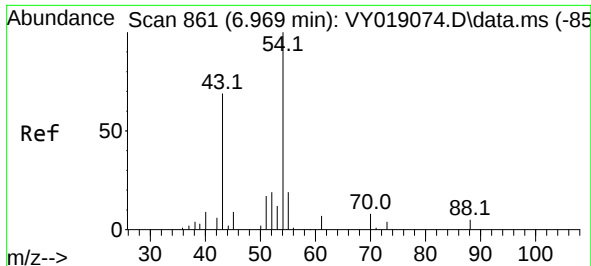
Tgt Ion:113 Resp: 60926
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.696 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 75 Resp: 80284
Ion Ratio Lower Upper
75 100
110 38.9 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 51.442 ug/l

RT: 6.970 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

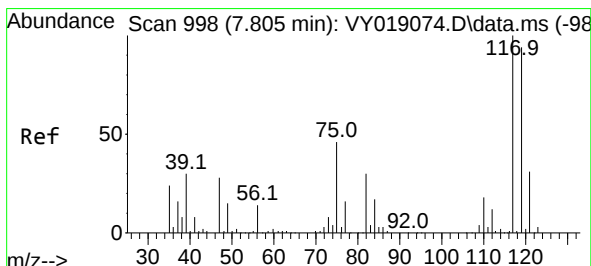
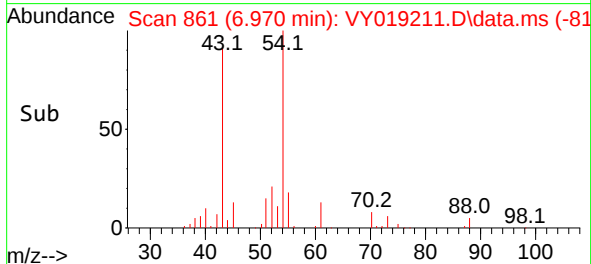
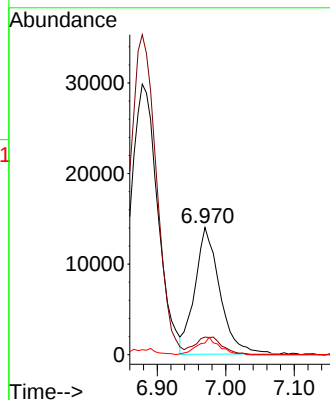
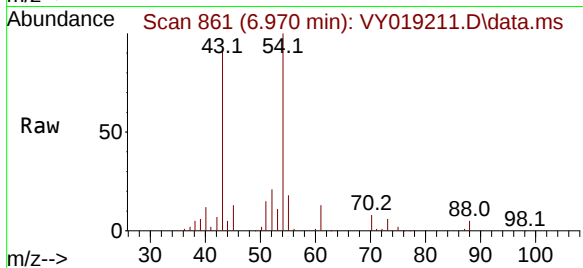
Tgt Ion: 43 Resp: 35395

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 11.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.485 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

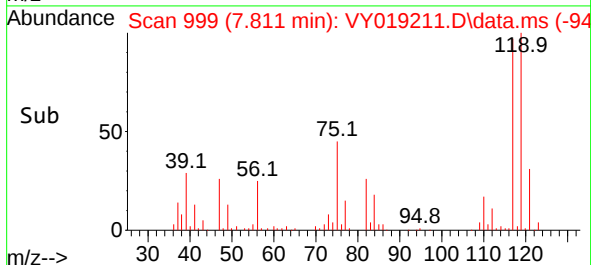
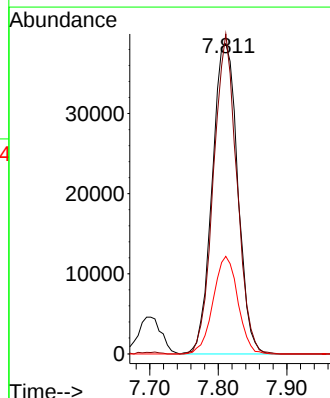
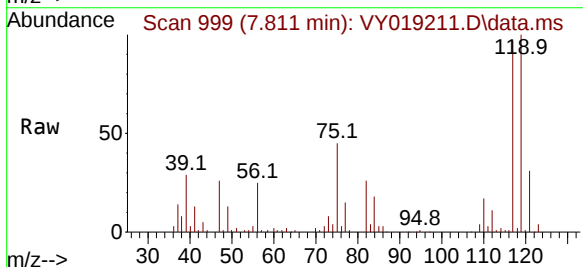
Tgt Ion: 117 Resp: 99859

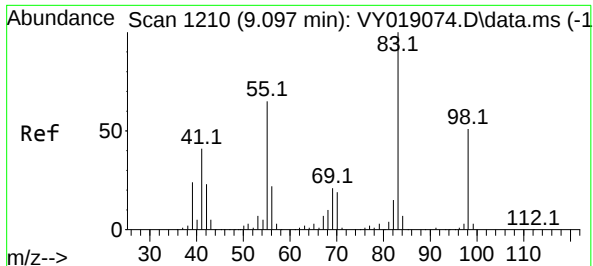
Ion Ratio Lower Upper

117 100

119 103.1 75.8 113.6

121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 51.556 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

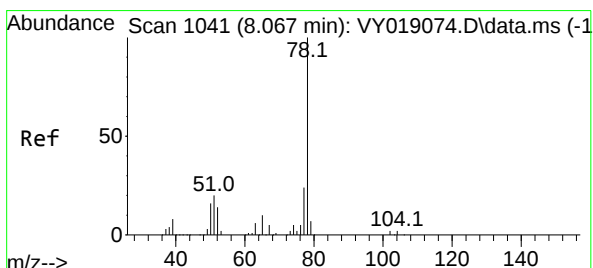
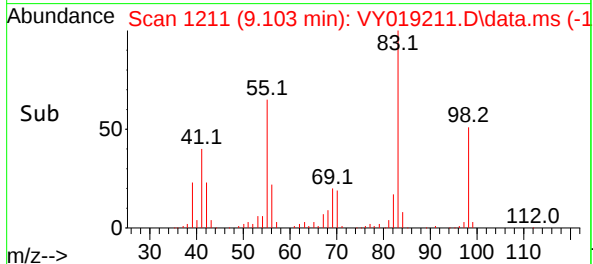
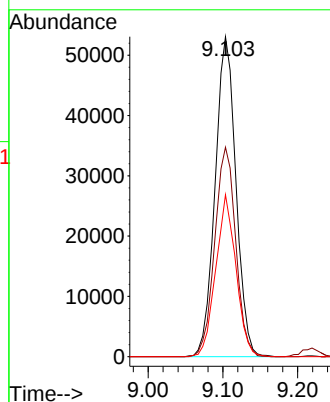
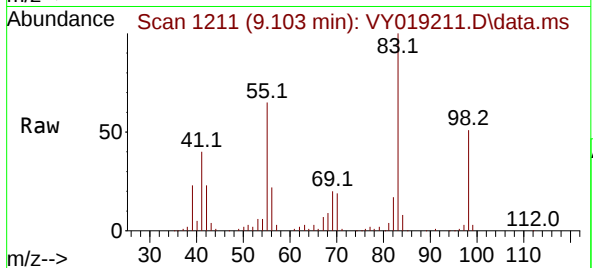
Tgt Ion: 83 Resp: 102747

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 50.6 40.5 60.7



#40

Benzene

Concen: 54.306 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019211.D

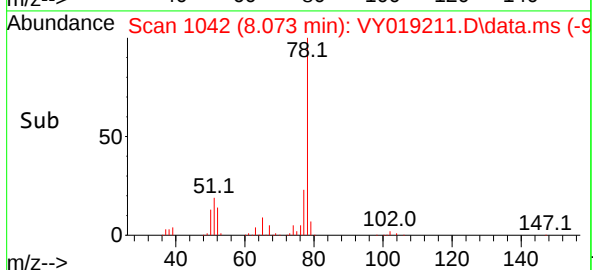
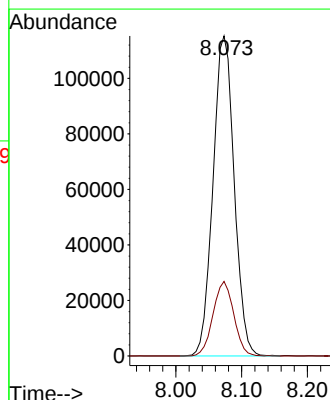
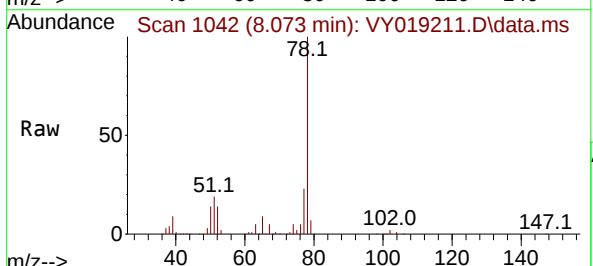
Acq: 22 Aug 2024 11:22

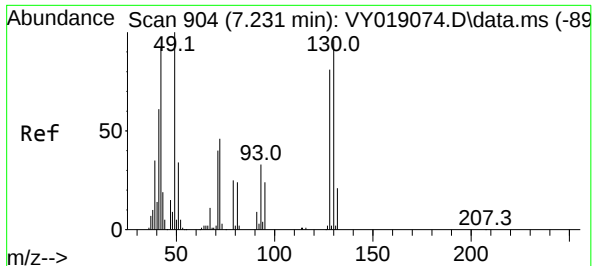
Tgt Ion: 78 Resp: 258656

Ion Ratio Lower Upper

78 100

77 23.3 19.5 29.3

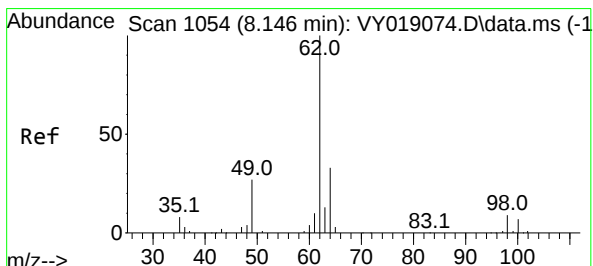
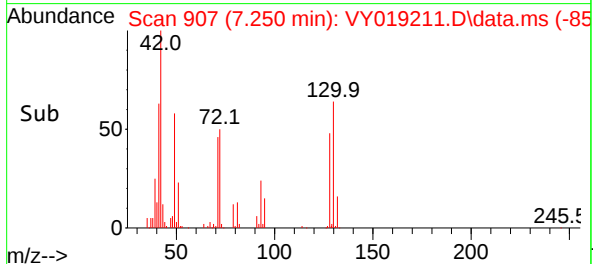
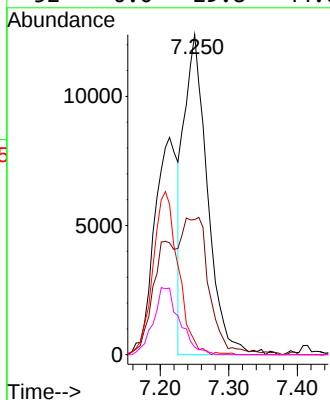
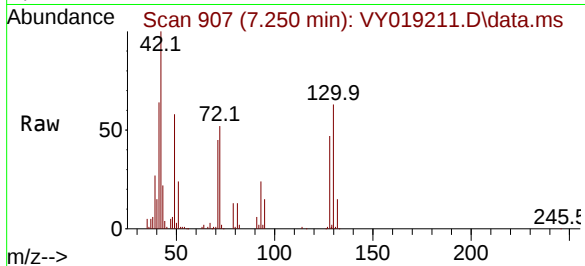




#41
Methacrylonitrile
Concen: 79.269 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

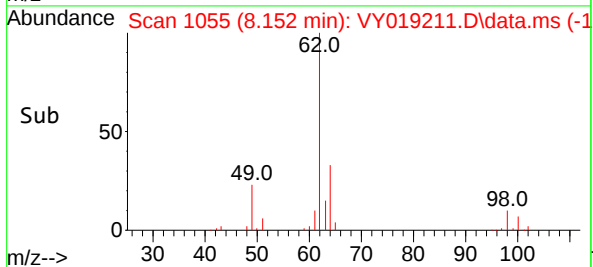
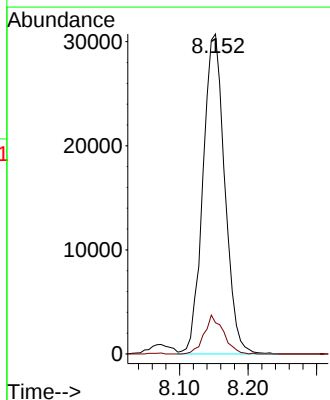
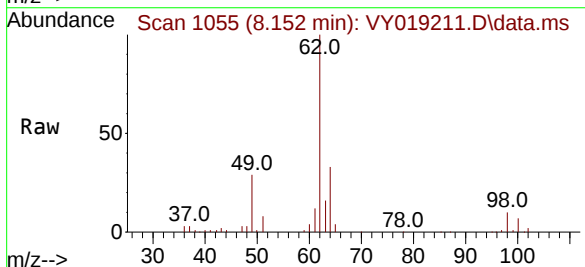
Instrument :
MSVOA_Y
ClientSampleId :

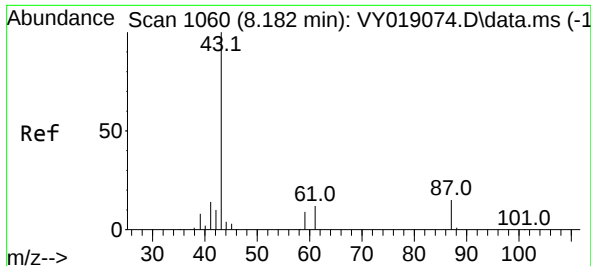
Tgt Ion: 41 Resp: 29769
Ion Ratio Lower Upper
41 100
39 47.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 52.928 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 62 Resp: 68076
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 50.432 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY019211.D

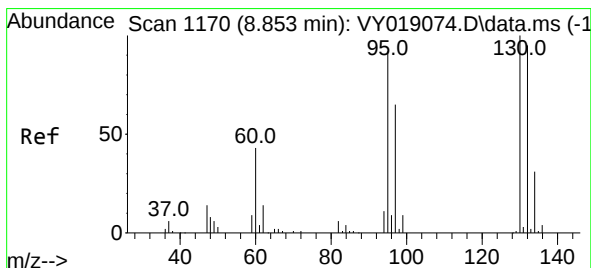
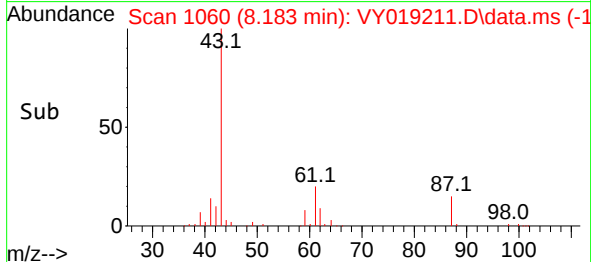
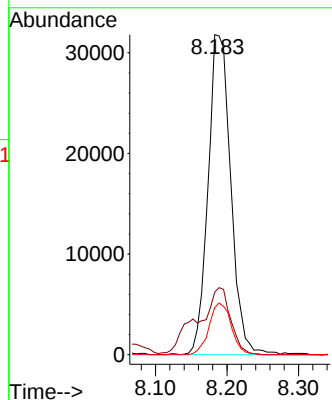
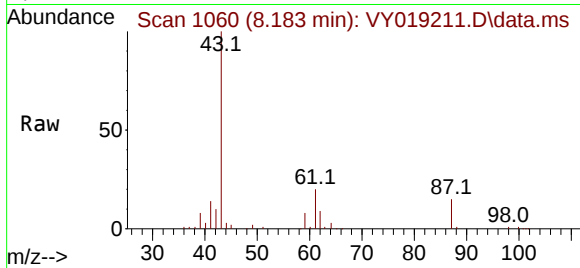
Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	70176
Ion Ratio	Lower	Upper	
43	100		
61	20.0	27.9	41.9#
87	15.8	13.1	19.7



#44

Trichloroethene

Concen: 53.099 ug/l

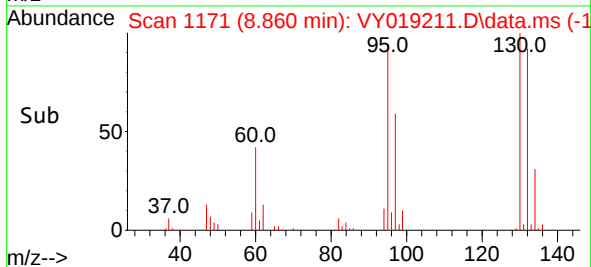
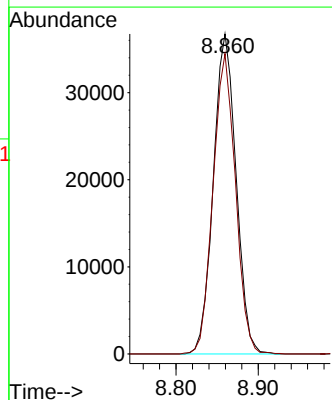
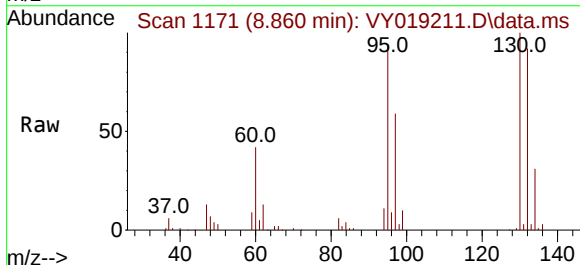
RT: 8.860 min Scan# 1171

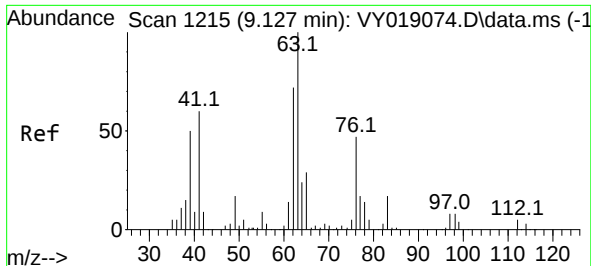
Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Tgt Ion:	130	Resp:	70568
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.849 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

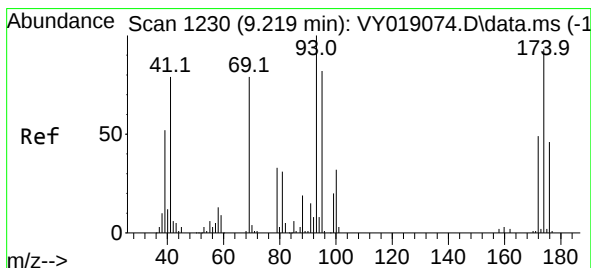
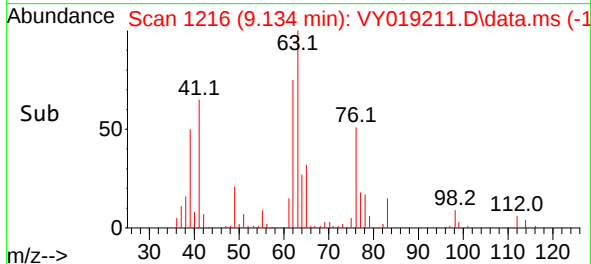
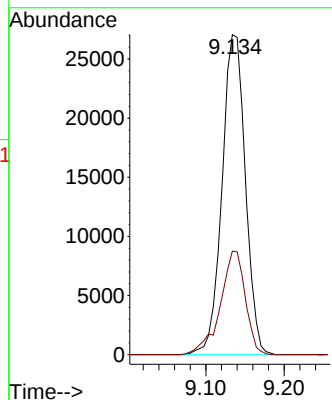
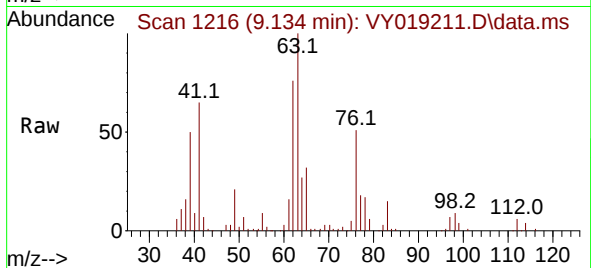
ClientSampleId :

Tgt Ion: 63 Resp: 56083

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.2



#46

Dibromomethane

Concen: 52.702 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

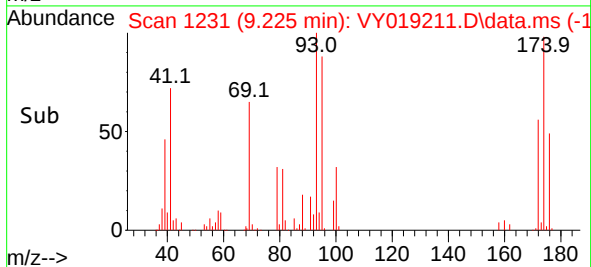
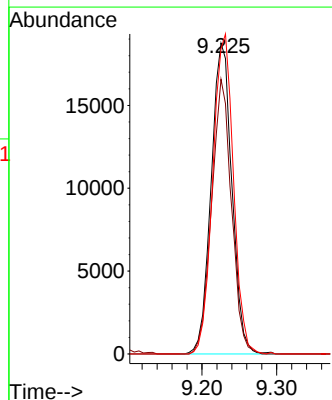
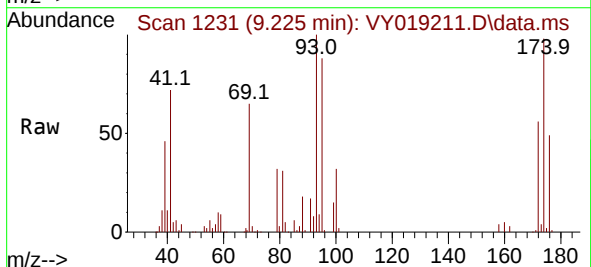
Tgt Ion: 93 Resp: 36274

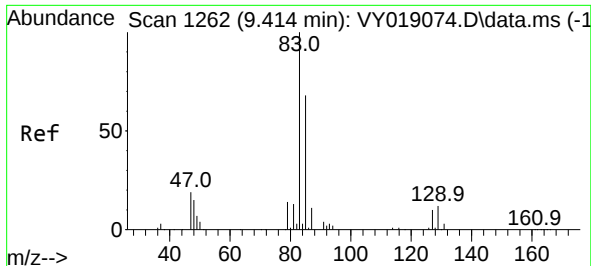
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 102.4 80.9 121.3

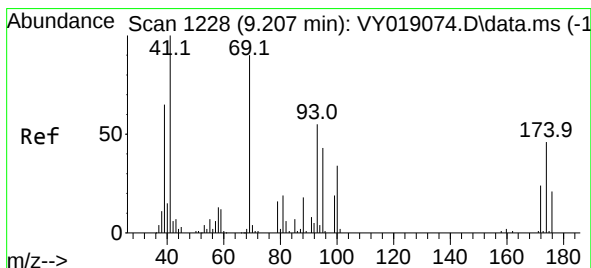
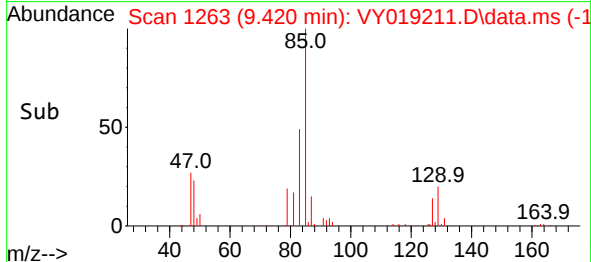
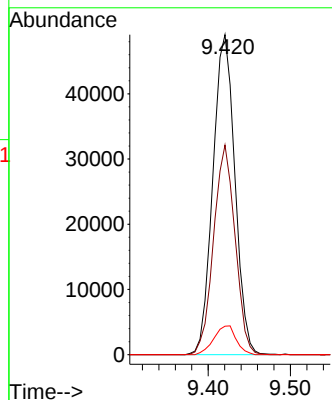
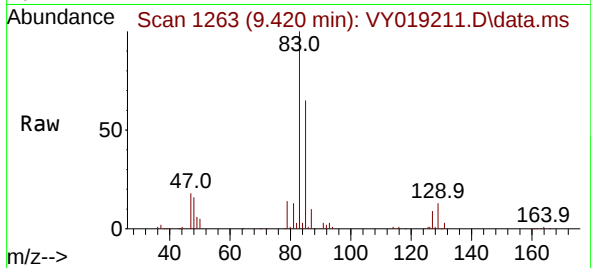




#47
Bromodichloromethane
Concen: 54.039 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

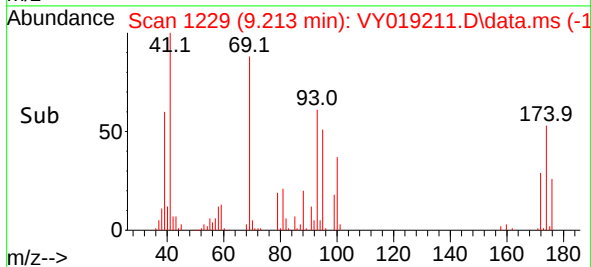
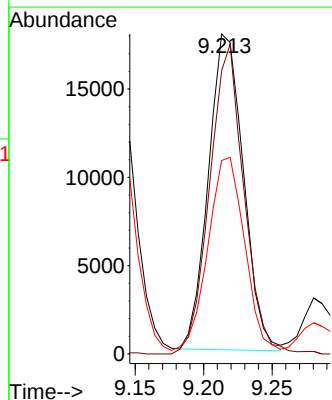
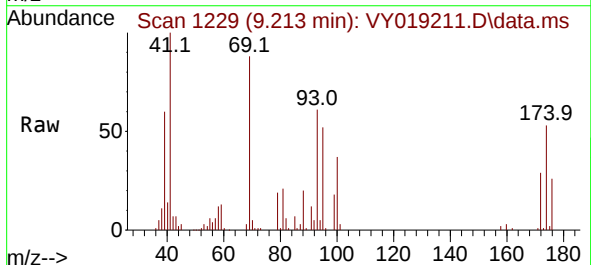
Instrument :
MSVOA_Y
ClientSampleId :

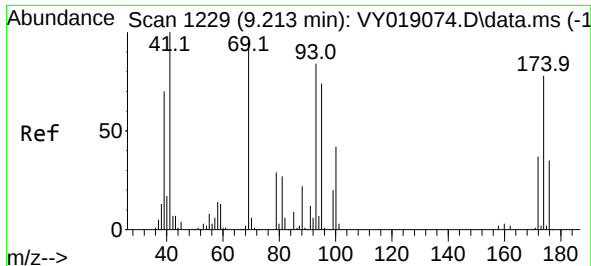
Tgt Ion: 83 Resp: 91253
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 51.304 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 41 Resp: 31816
Ion Ratio Lower Upper
41 100
69 96.0 84.1 126.1
39 65.9 43.6 65.4#





#49

1,4-Dioxane

Concen: 1039.019 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

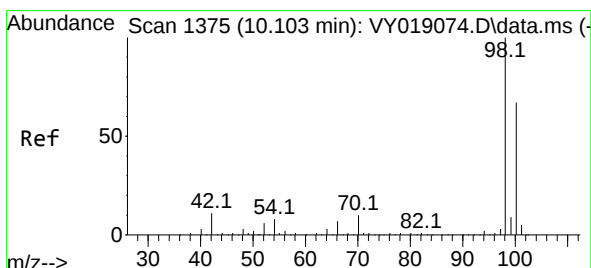
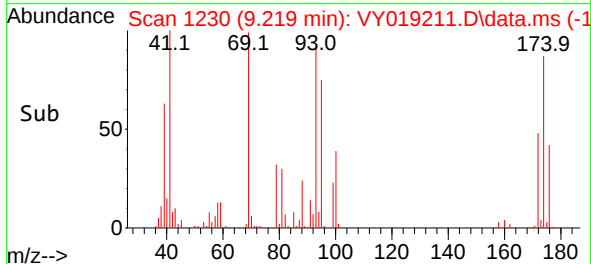
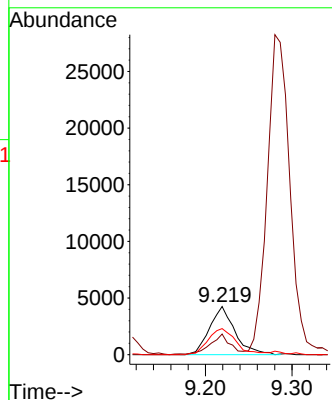
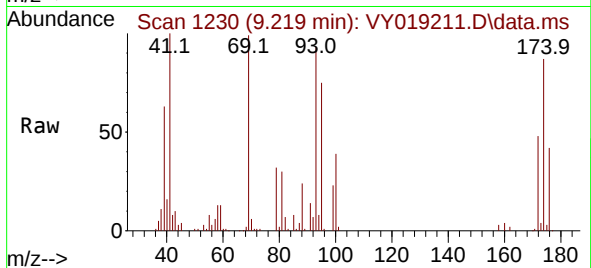
Tgt Ion: 88 Resp: 8663

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0#

58 59.5 49.3 73.9



#50

Toluene-d8

Concen: 54.704 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019211.D

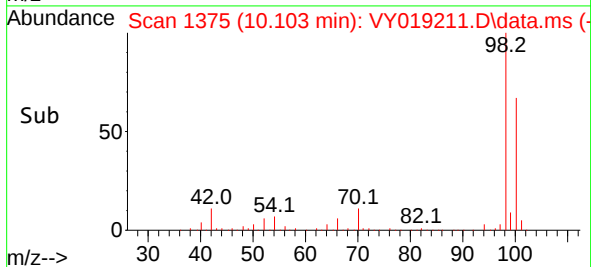
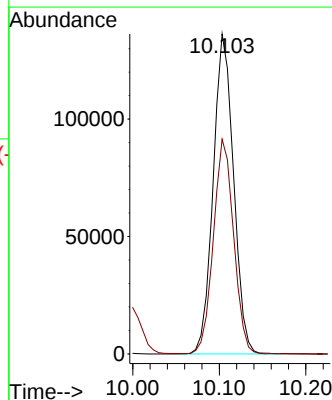
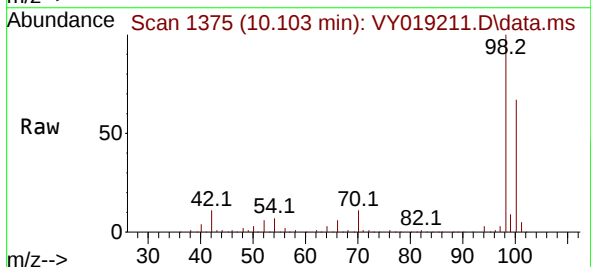
Acq: 22 Aug 2024 11:22

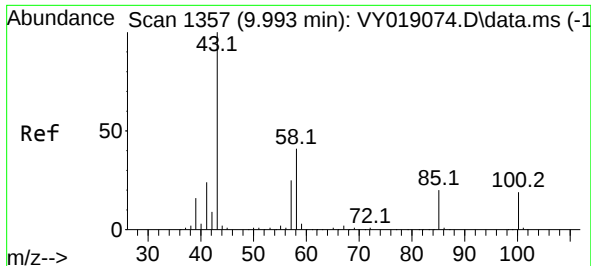
Tgt Ion: 98 Resp: 222640

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 250.076 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

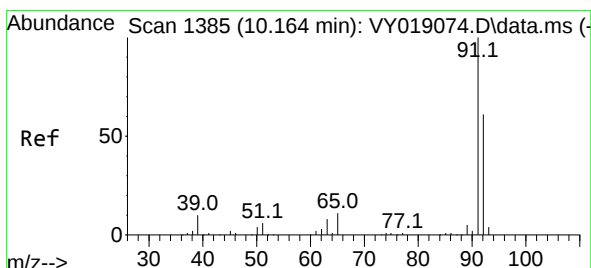
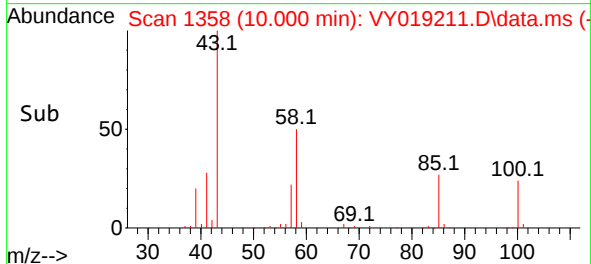
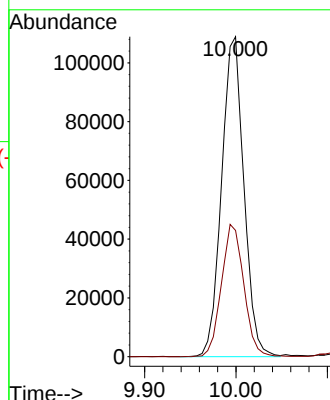
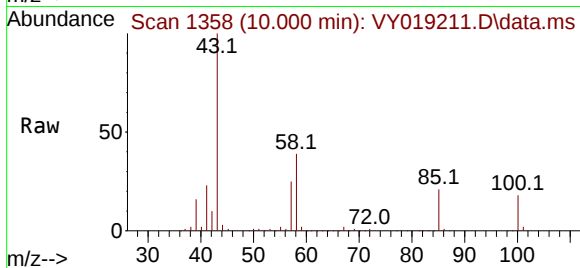
ClientSampleId :

Tgt Ion: 43 Resp: 184695

Ion Ratio Lower Upper

43 100

58 41.6 35.7 53.5



#52

Toluene

Concen: 55.351 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019211.D

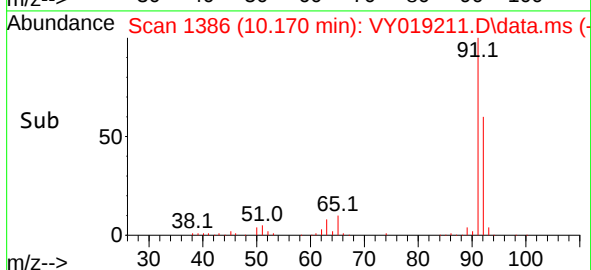
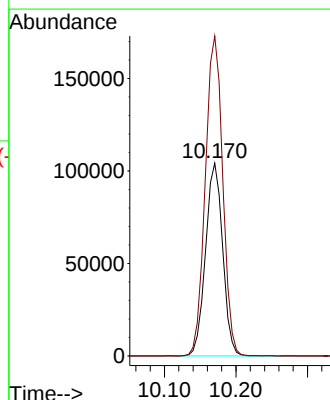
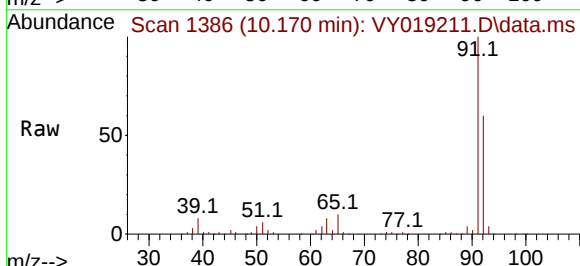
Acq: 22 Aug 2024 11:22

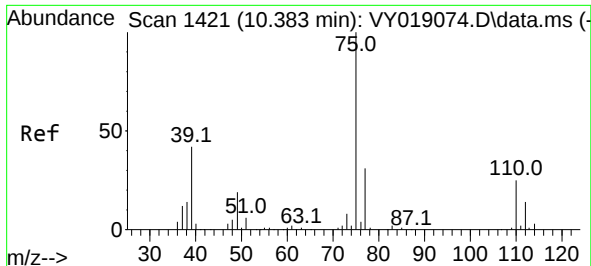
Tgt Ion: 92 Resp: 173055

Ion Ratio Lower Upper

92 100

91 169.2 139.0 208.6

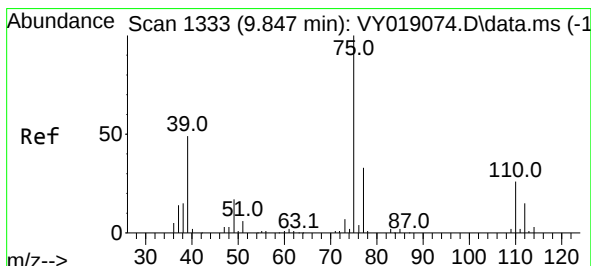
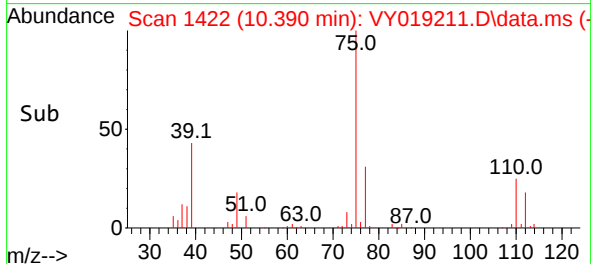
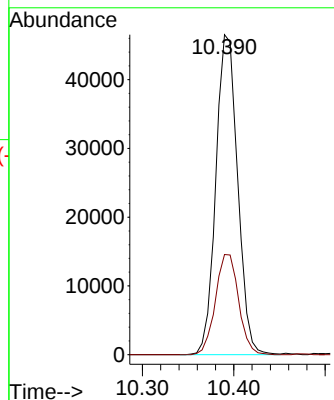
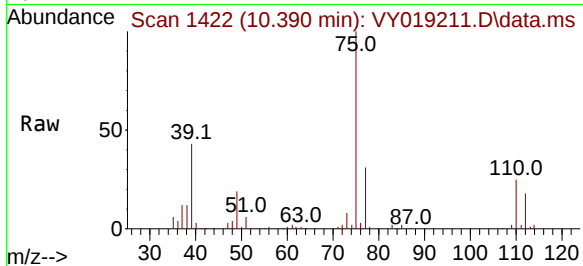




#53
 t-1,3-Dichloropropene
 Concen: 55.061 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

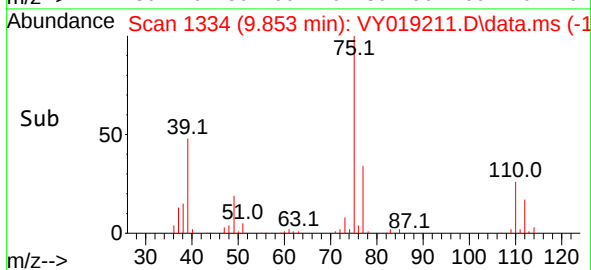
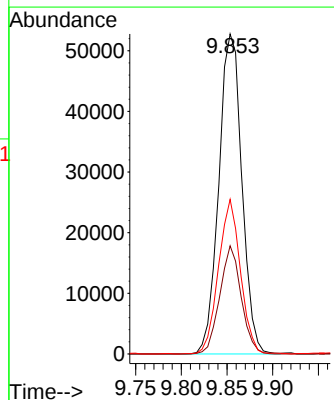
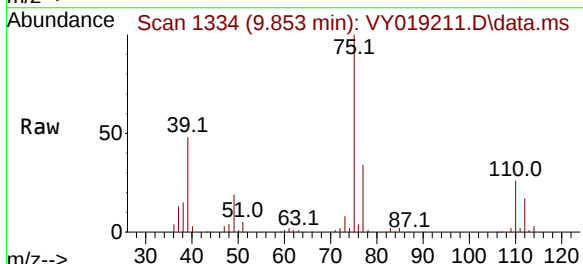
Instrument :
 MSVOA_Y
 ClientSampleId :

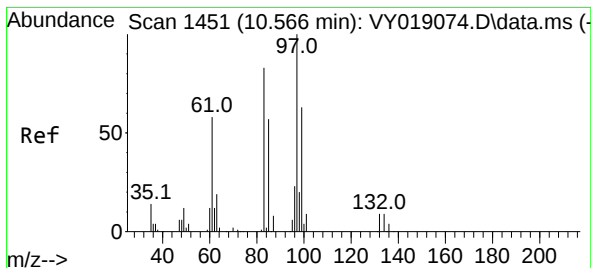
Tgt Ion: 75 Resp: 77129
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 55.064 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019211.D
 Acq: 22 Aug 2024 11:22

Tgt Ion: 75 Resp: 92763
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.0
 39 48.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.836 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 47702

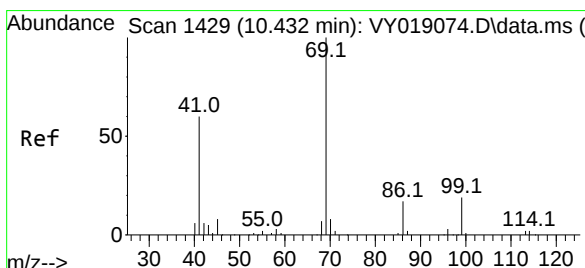
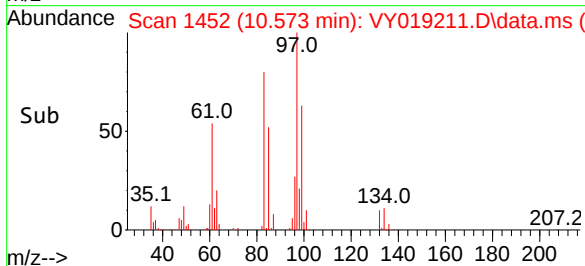
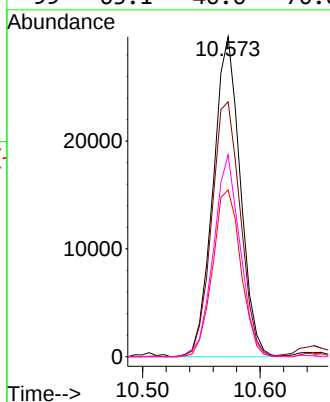
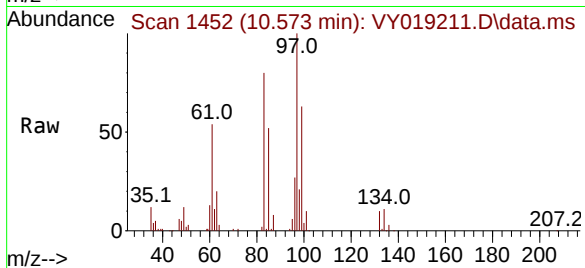
Ion Ratio Lower Upper

97 100

83 79.6 67.5 101.3

85 52.1 42.9 64.3

99 63.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.235 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

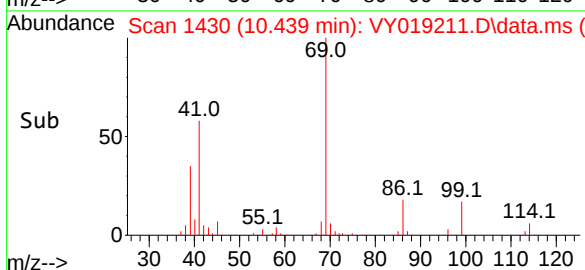
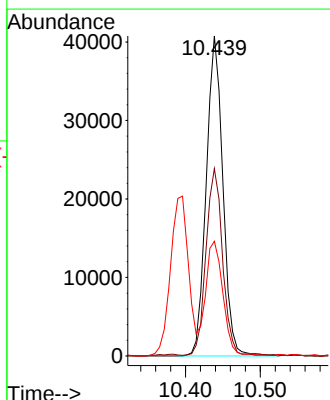
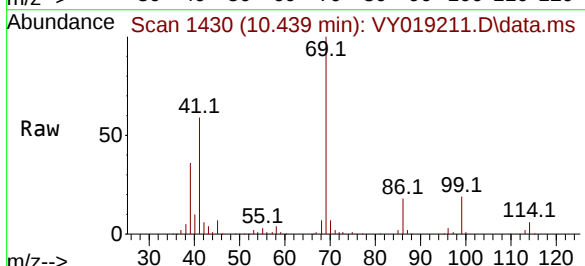
Tgt Ion: 69 Resp: 62900

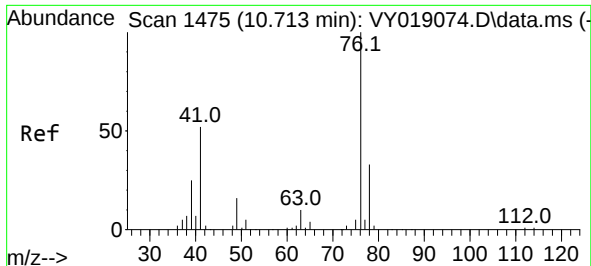
Ion Ratio Lower Upper

69 100

41 57.8 42.3 63.5

39 37.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.570 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

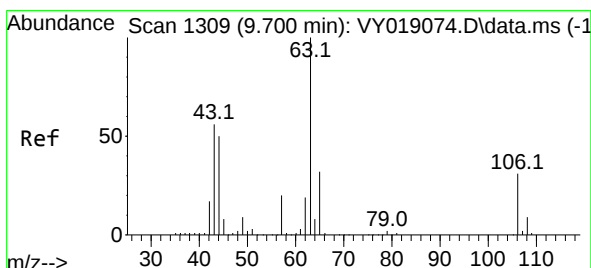
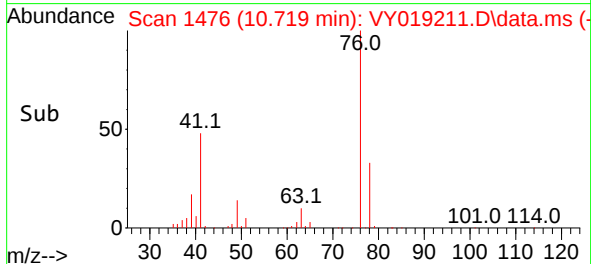
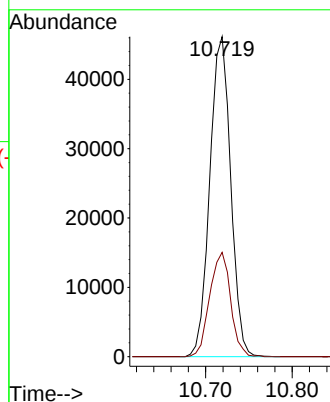
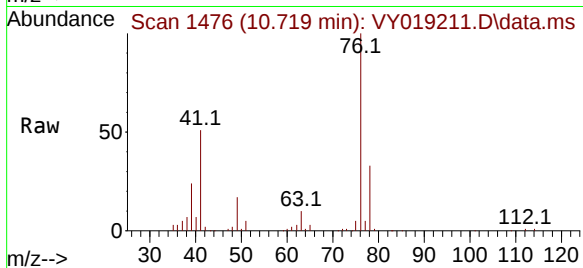
ClientSampleId :

Tgt Ion: 76 Resp: 77377

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 253.684 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019211.D

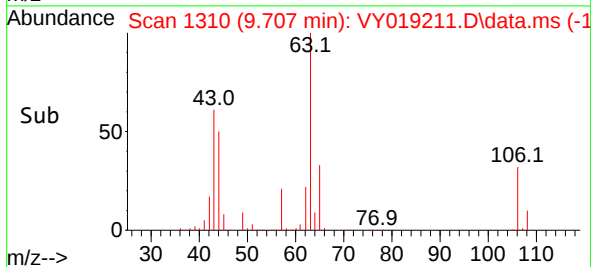
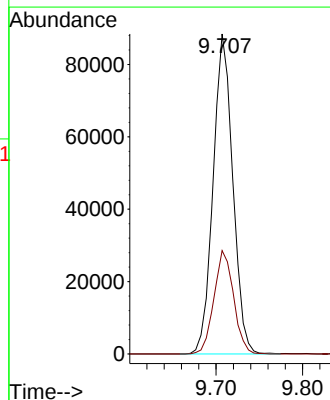
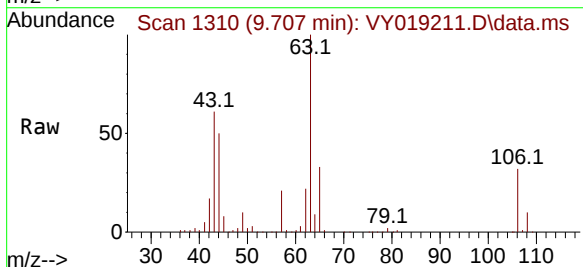
Acq: 22 Aug 2024 11:22

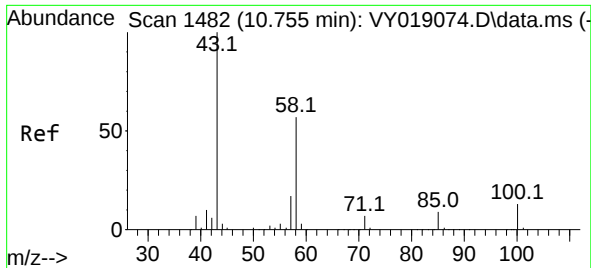
Tgt Ion: 63 Resp: 139575

Ion Ratio Lower Upper

63 100

106 32.3 23.7 35.5

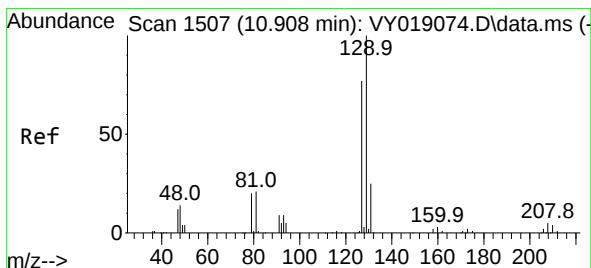
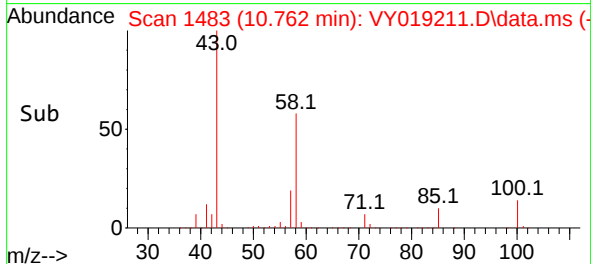
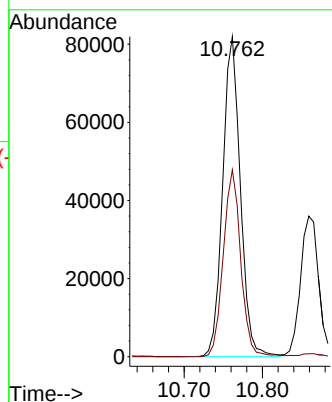
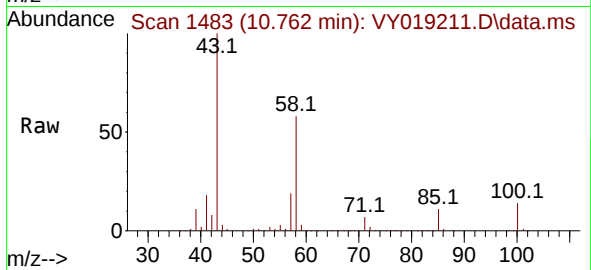




#59
2-Hexanone
Concen: 253.753 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

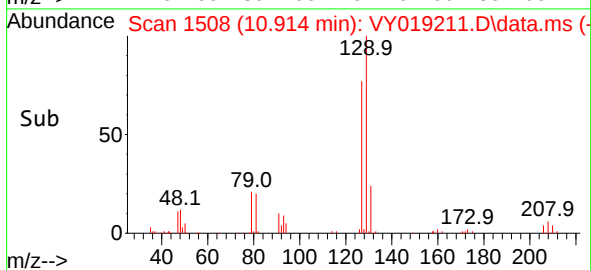
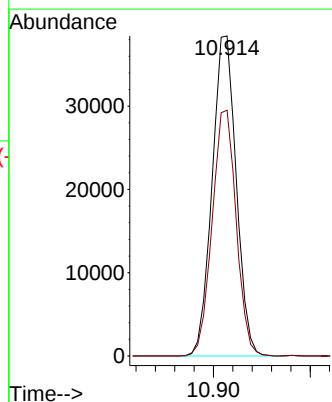
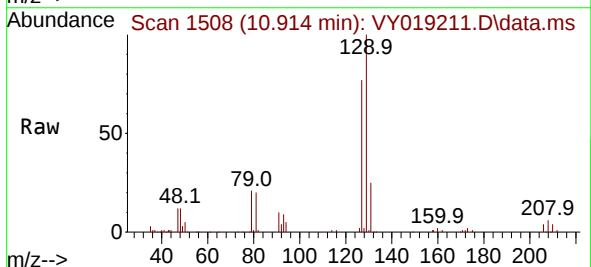
Instrument :
MSVOA_Y
ClientSampleId :

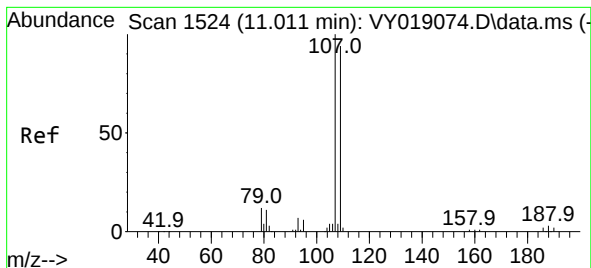
Tgt Ion: 43 Resp: 128755
Ion Ratio Lower Upper
43 100
58 57.6 31.4 94.0



#60
Dibromochloromethane
Concen: 55.145 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 129 Resp: 66550
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.709 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

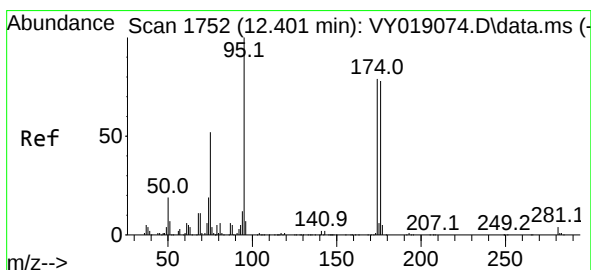
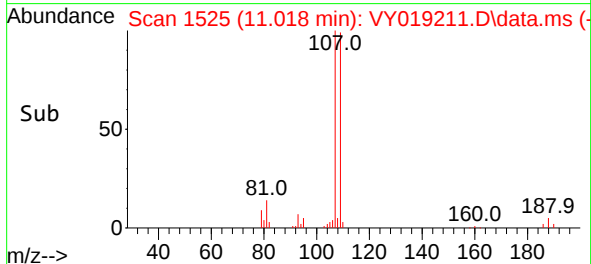
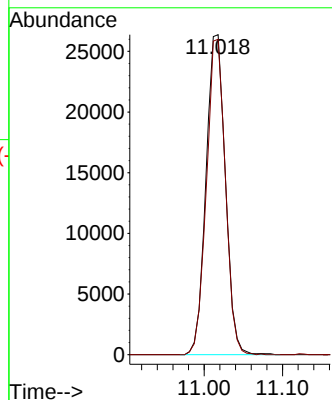
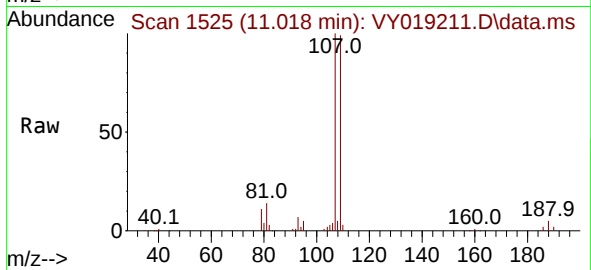
ClientSampleId :

Tgt Ion:107 Resp: 45140

Ion Ratio Lower Upper

107 100

109 96.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.664 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

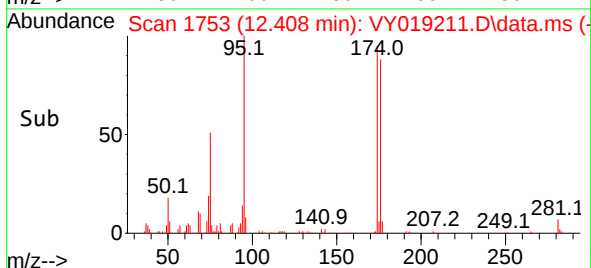
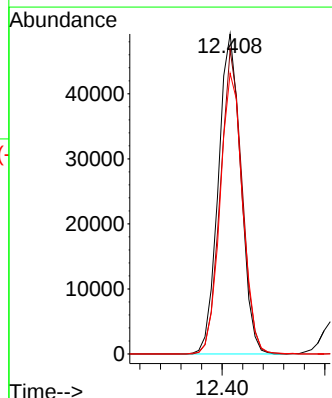
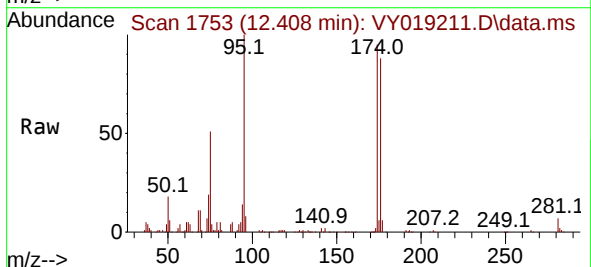
Tgt Ion: 95 Resp: 74455

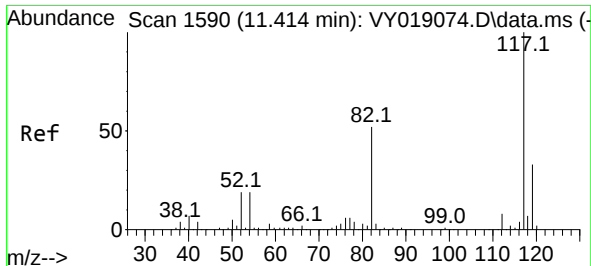
Ion Ratio Lower Upper

95 100

174 92.0 0.0 175.6

176 88.3 0.0 171.4

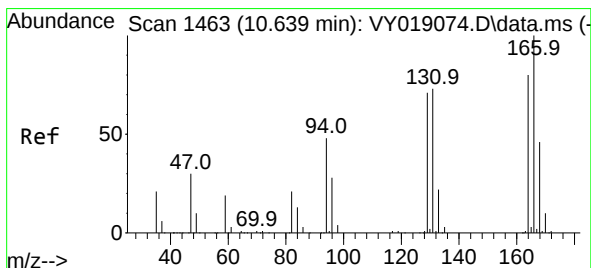
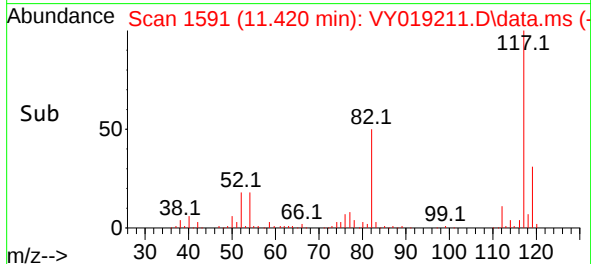
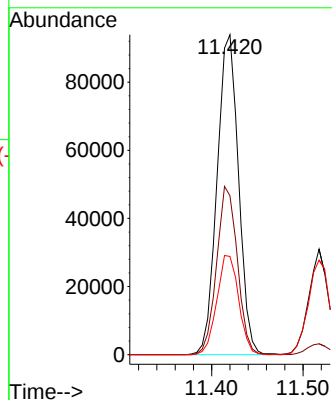
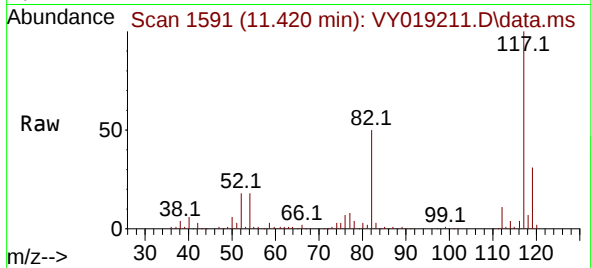




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

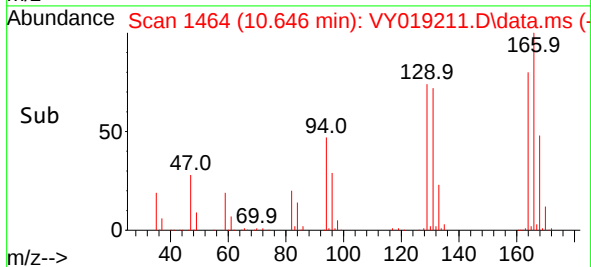
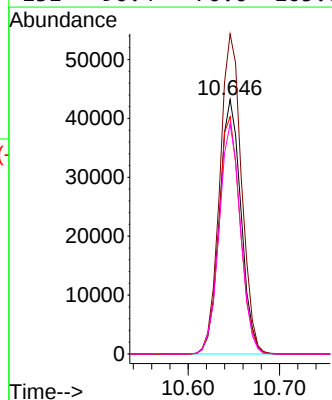
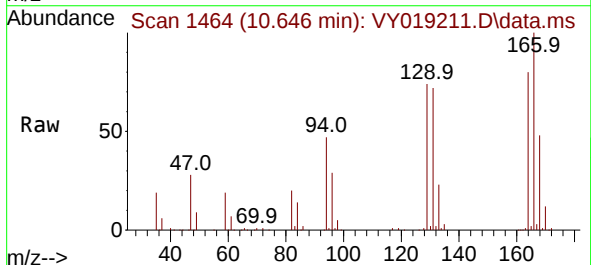
Instrument :
MSVOA_Y
ClientSampleId :

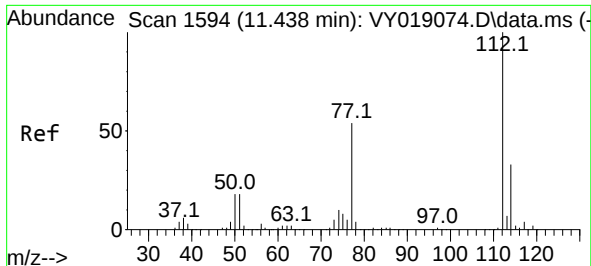
Tgt Ion:117 Resp: 153558
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 30.7 25.9 38.9



#64
Tetrachloroethene
Concen: 52.883 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion:164 Resp: 70981
Ion Ratio Lower Upper
164 100
166 125.7 102.6 154.0
129 93.3 72.0 108.0
131 90.4 70.0 105.0

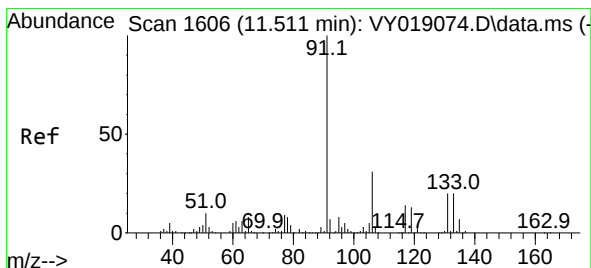
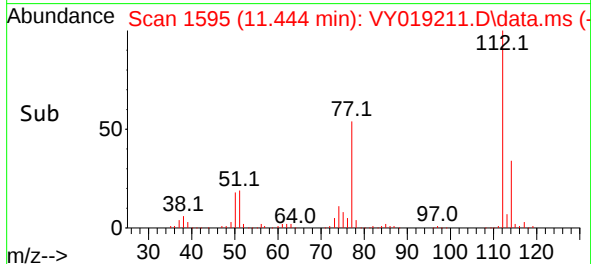
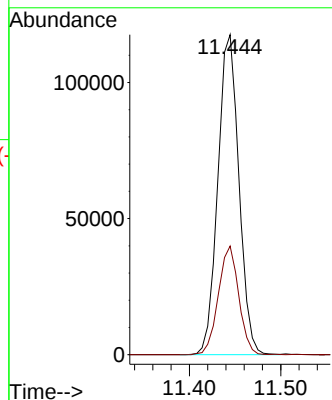
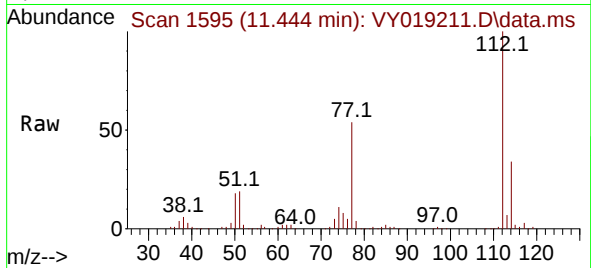




#65
Chlorobenzene
Concen: 53.188 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

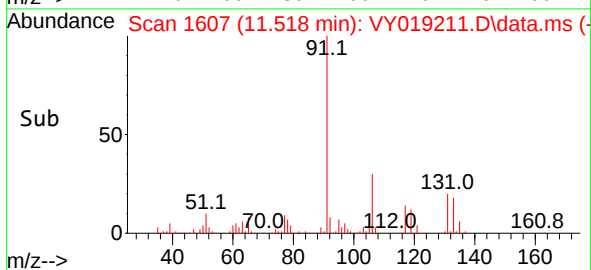
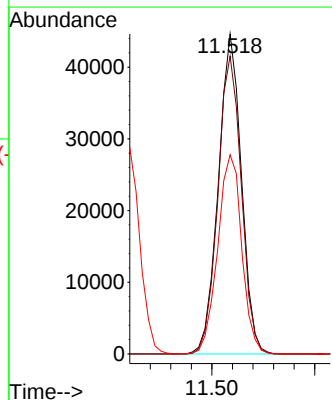
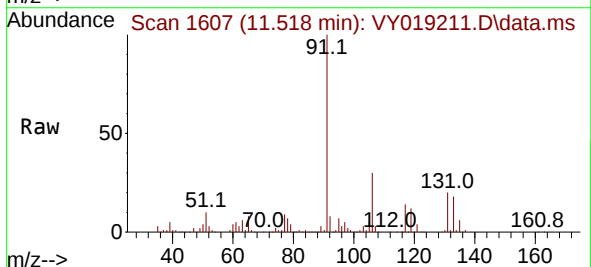
Instrument :
MSVOA_Y
ClientSampleId :

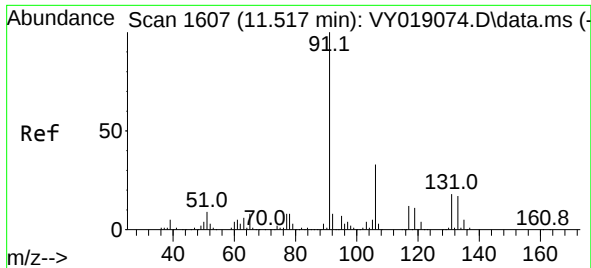
Tgt Ion:112 Resp: 188064
Ion Ratio Lower Upper
112 100
114 34.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.884 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion:131 Resp: 69489
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 64.8 34.1 102.2

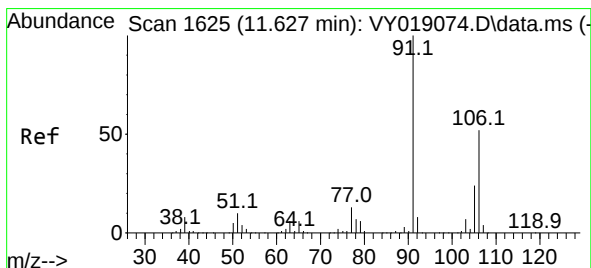
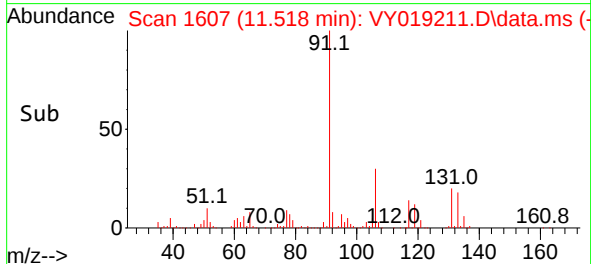
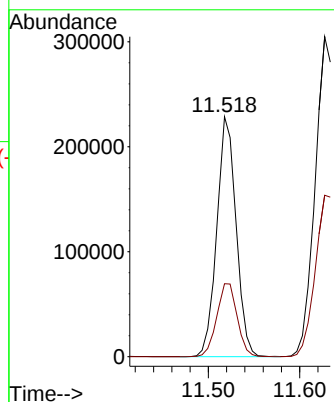
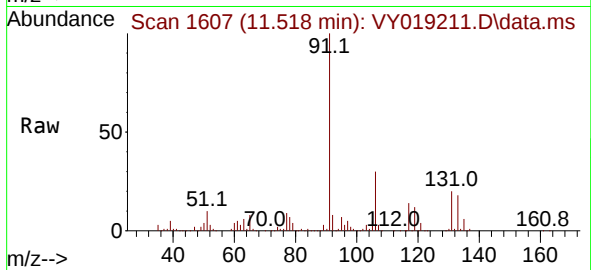




#67
Ethyl Benzene
Concen: 54.639 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

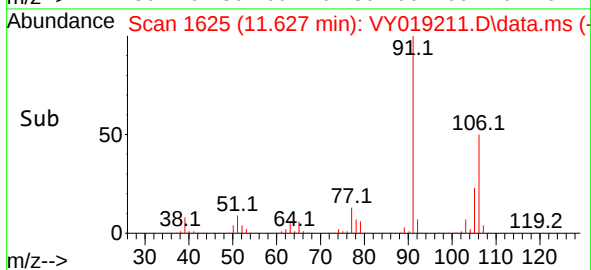
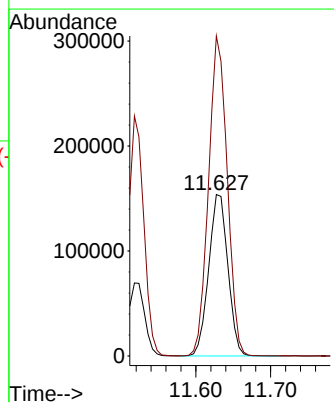
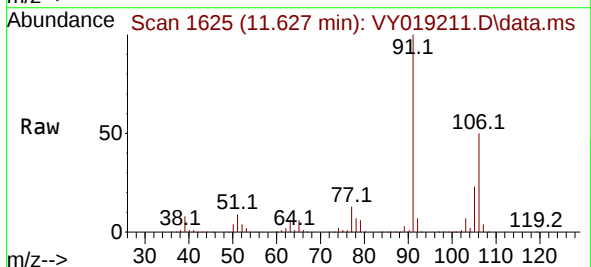
Instrument :
MSVOA_Y
ClientSampleId :

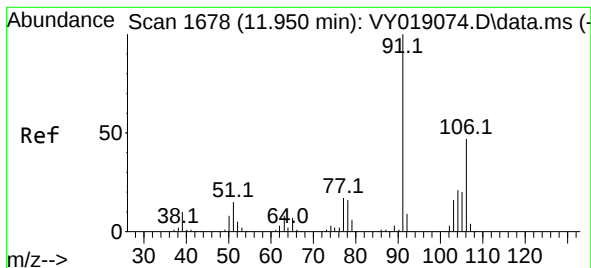
Tgt Ion: 91 Resp: 335321
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 112.613 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion:106 Resp: 274227
Ion Ratio Lower Upper
106 100
91 193.1 156.0 234.0





#69

o-Xylene

Concen: 55.631 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

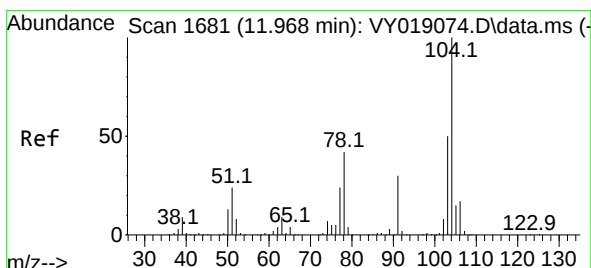
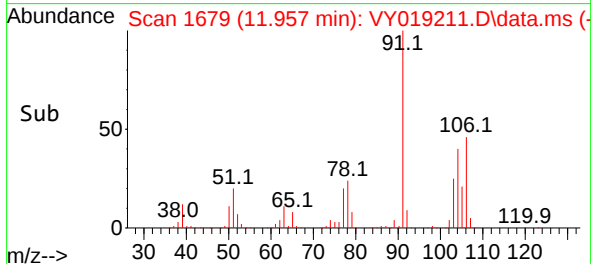
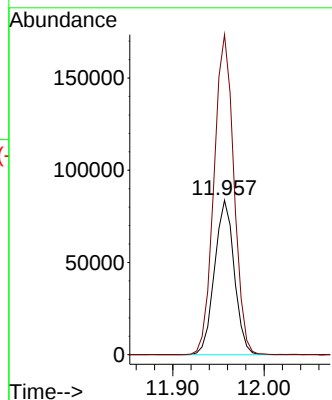
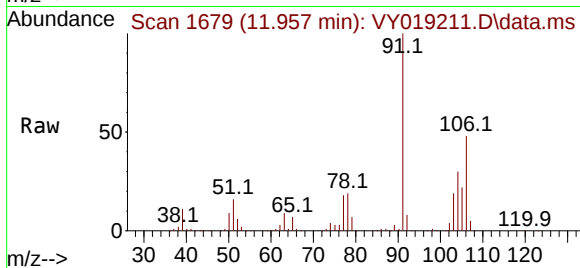
ClientSampleId :

Tgt Ion:106 Resp: 125450

Ion Ratio Lower Upper

106 100

91 209.3 103.6 310.8



#70

Styrene

Concen: 56.519 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

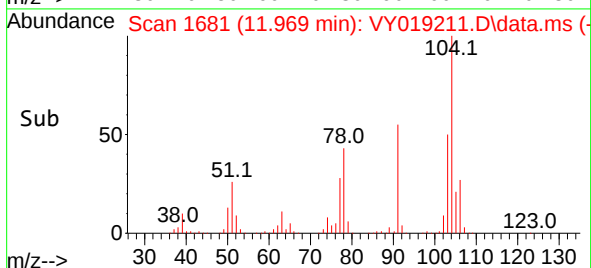
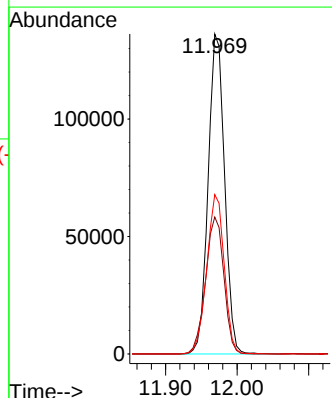
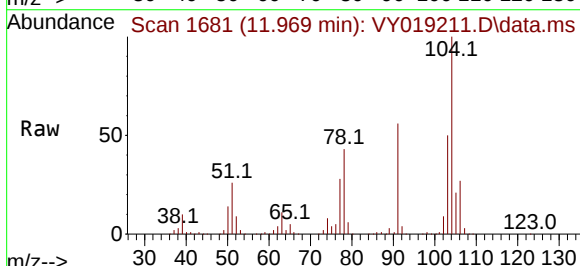
Tgt Ion:104 Resp: 217344

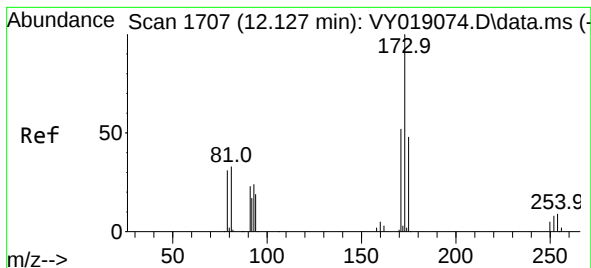
Ion Ratio Lower Upper

104 100

78 47.6 37.0 55.4

103 53.1 44.2 66.2





#71

Bromoform

Concen: 55.513 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

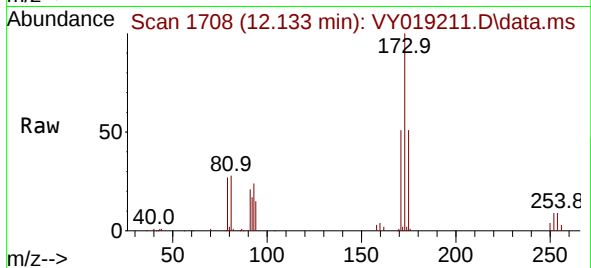
Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :



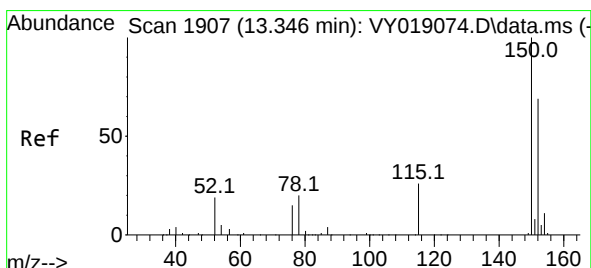
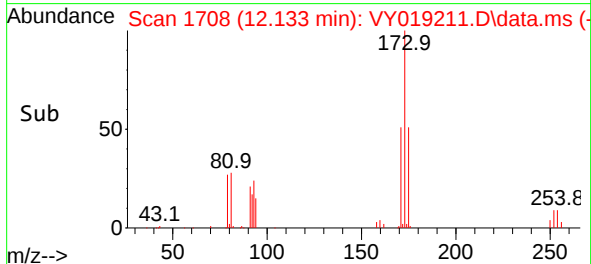
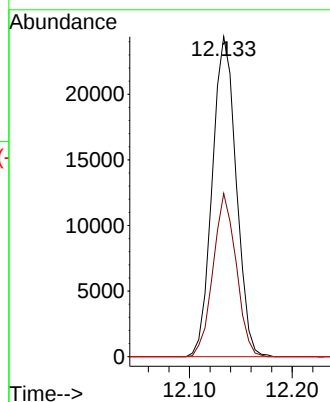
Tgt Ion:173 Resp: 39459

Ion Ratio Lower Upper

173 100

175 49.2 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: VY019211.D

Acq: 22 Aug 2024 11:22

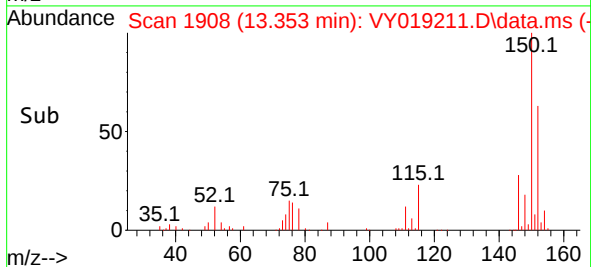
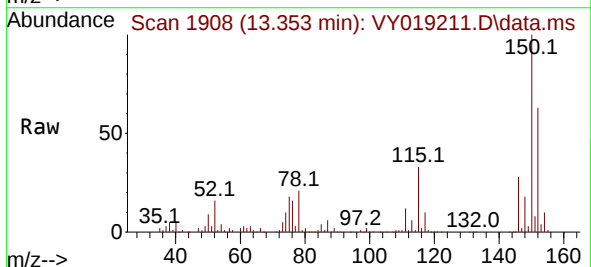
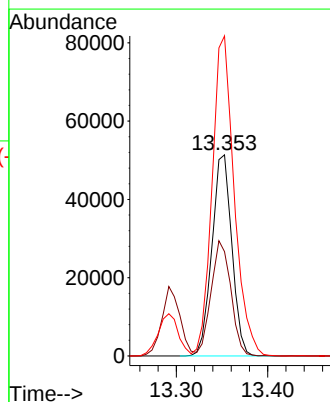
Tgt Ion:152 Resp: 77851

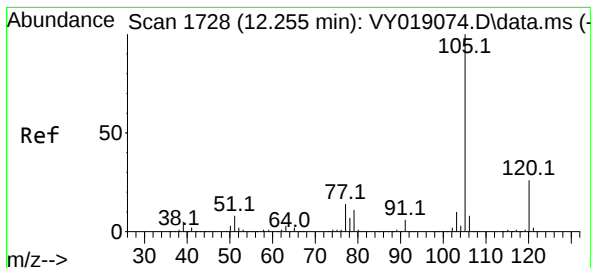
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 176.0 0.0 345.6





#73

Isopropylbenzene

Concen: 55.606 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

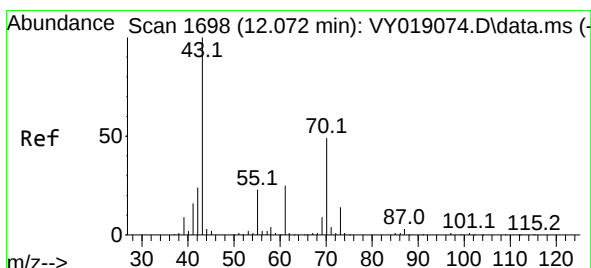
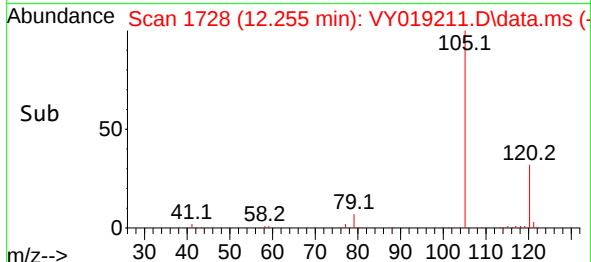
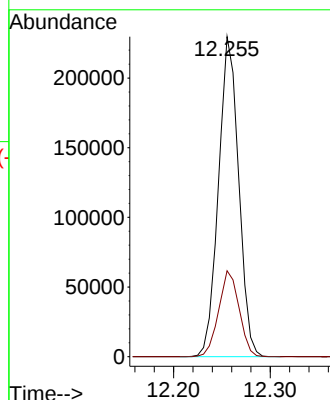
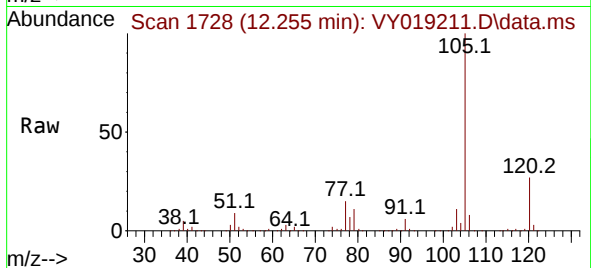
ClientSampleId :

Tgt Ion:105 Resp: 331796

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 50.592 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Tgt Ion: 43 Resp: 65827

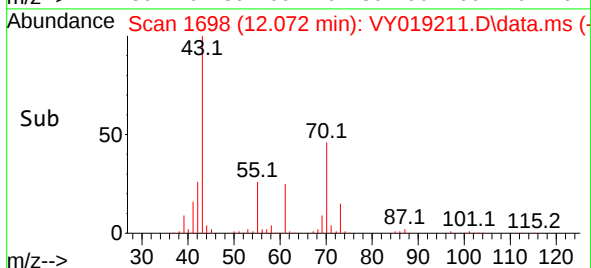
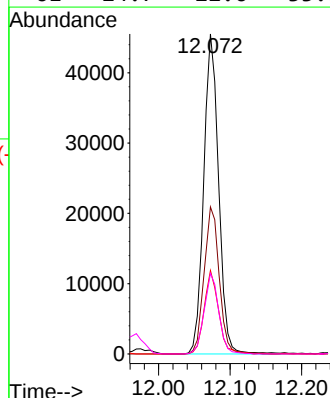
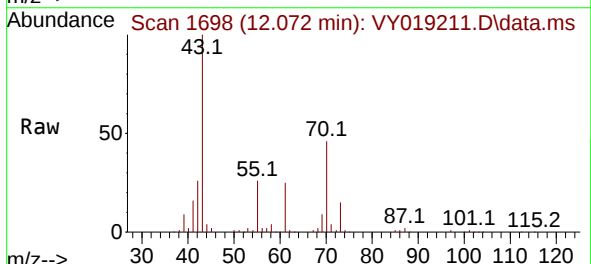
Ion Ratio Lower Upper

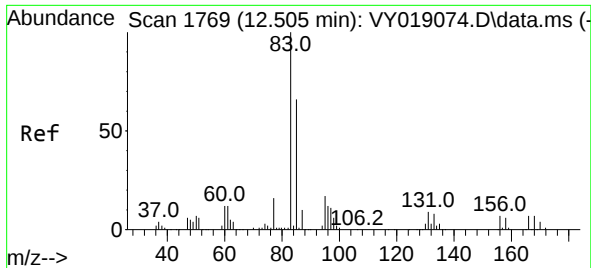
43 100

70 46.8 41.4 62.2

55 25.3 23.3 34.9

61 24.7 22.6 33.8

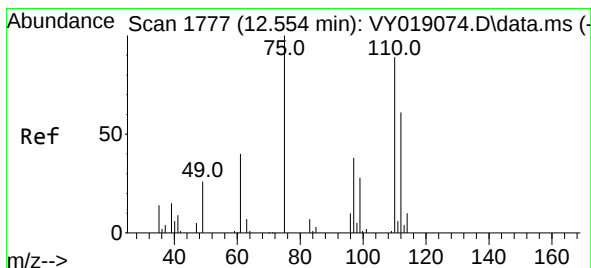
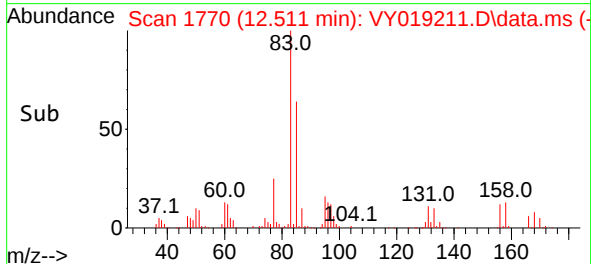
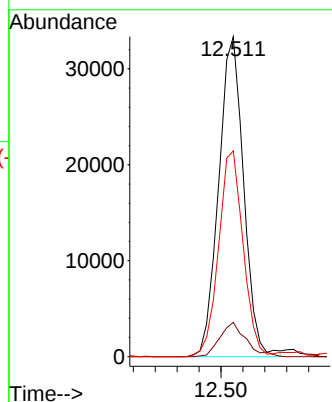
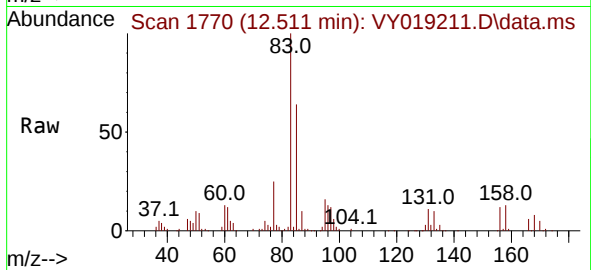




#75
1,1,2,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

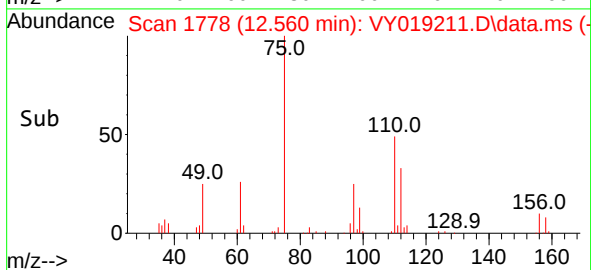
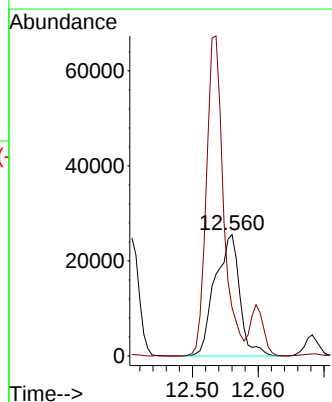
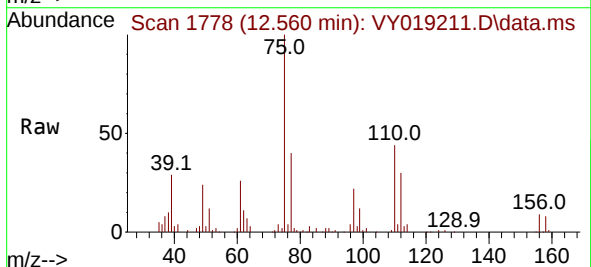
Instrument :
MSVOA_Y
ClientSampleId :

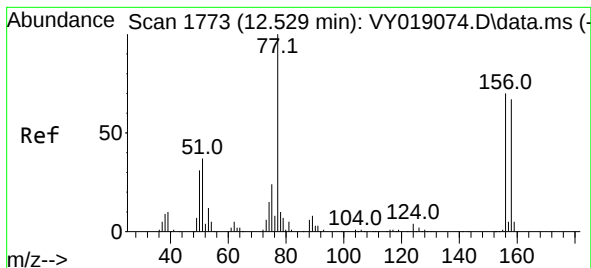
Tgt Ion: 83 Resp: 52771
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 86.827 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 75 Resp: 66662
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.136 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

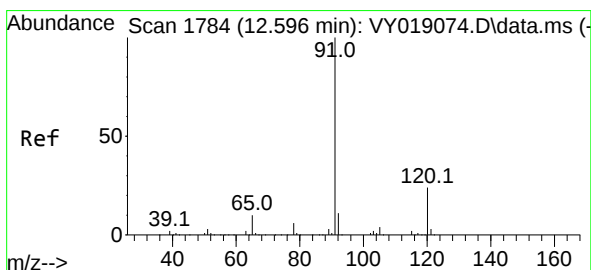
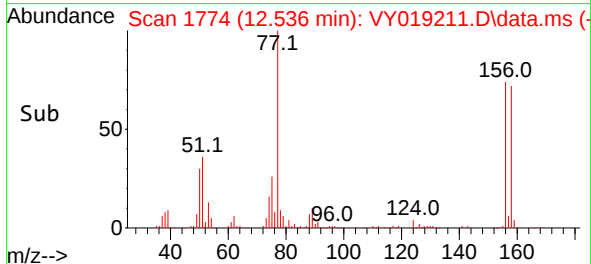
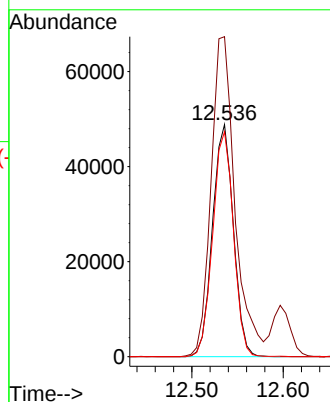
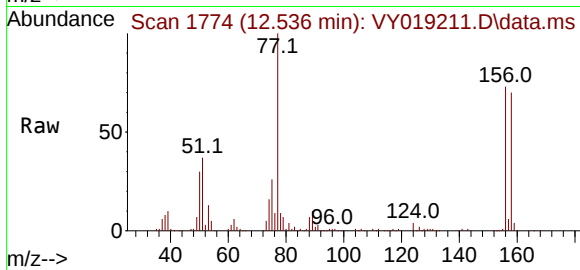
Tgt Ion:156 Resp: 77577

Ion Ratio Lower Upper

156 100

77 158.2 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 54.576 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019211.D

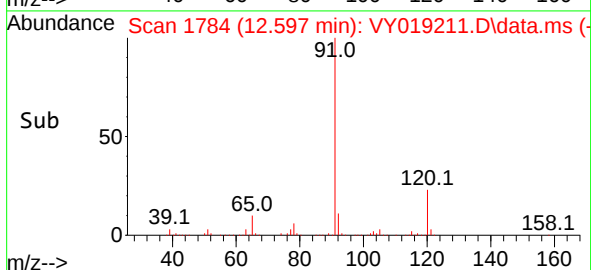
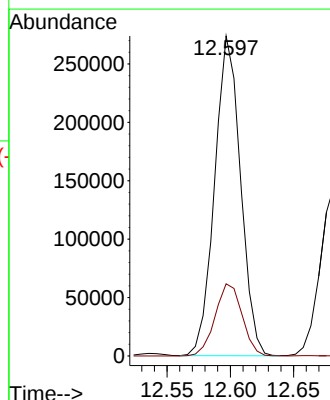
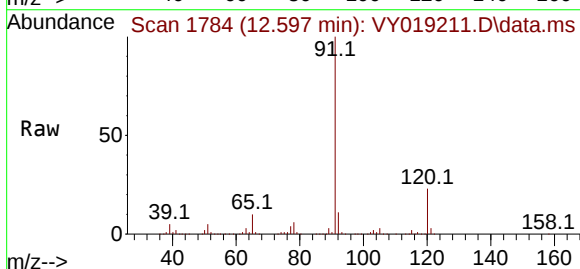
Acq: 22 Aug 2024 11:22

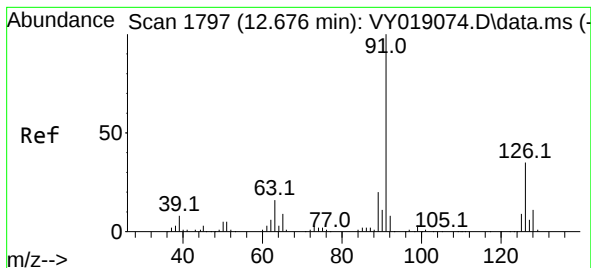
Tgt Ion: 91 Resp: 389291

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.278 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

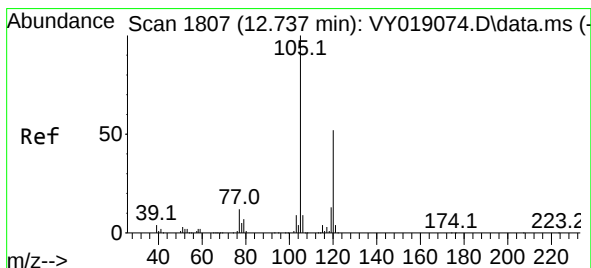
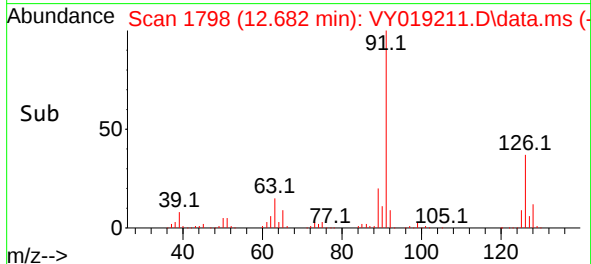
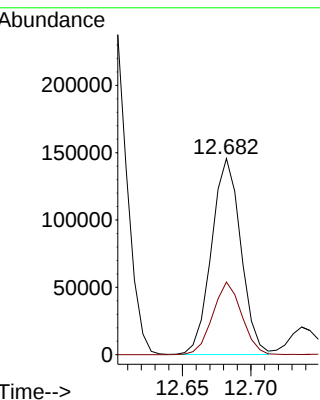
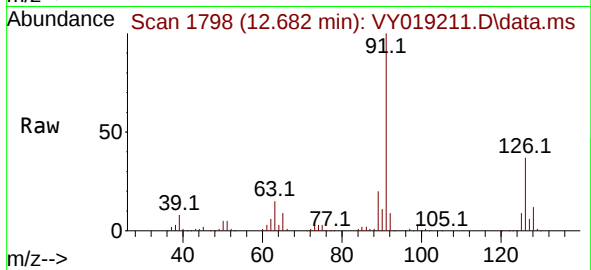
ClientSampleId :

Tgt Ion: 91 Resp: 217061

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 55.646 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019211.D

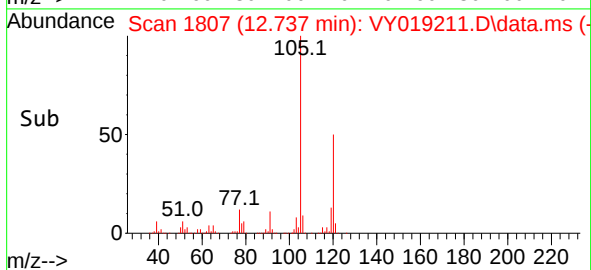
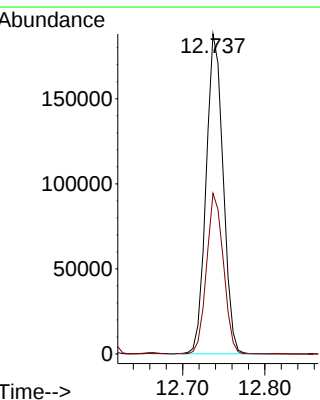
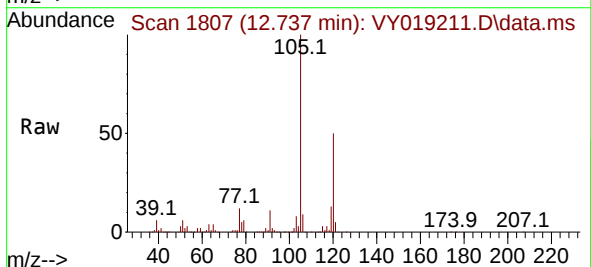
Acq: 22 Aug 2024 11:22

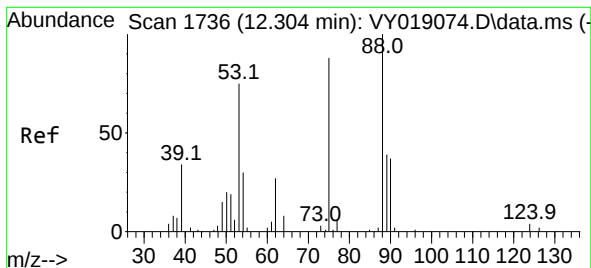
Tgt Ion:105 Resp: 270494

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2

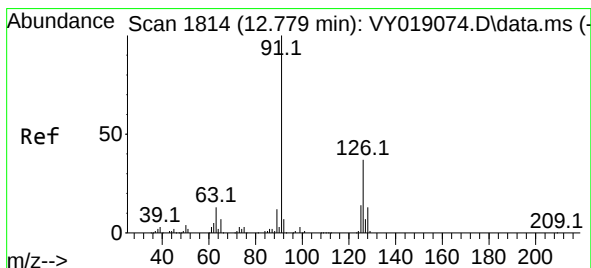
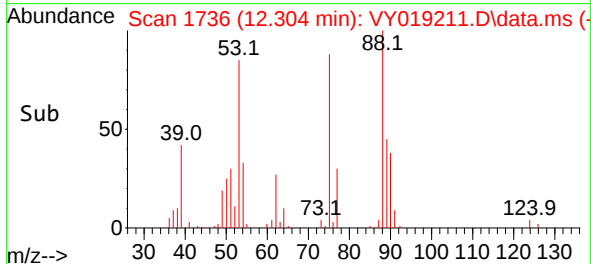
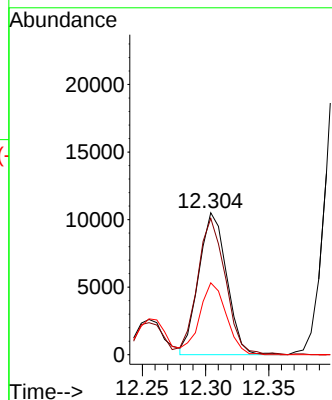
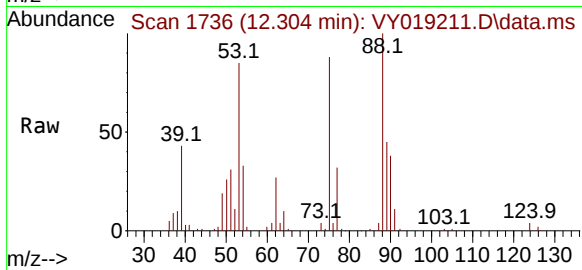




#81
trans-1,4-Dichloro-2-butene
Concen: 51.954 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

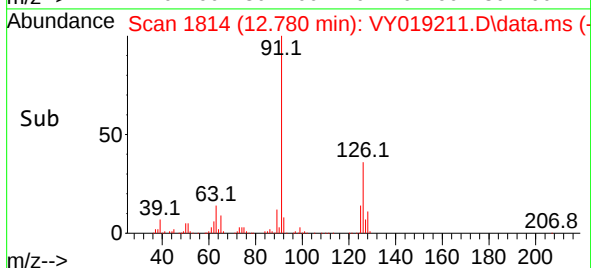
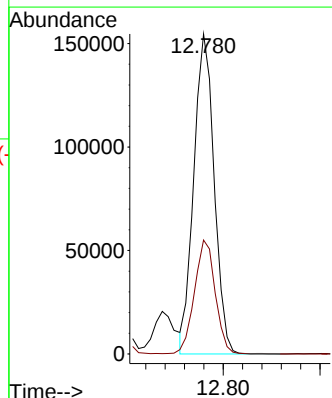
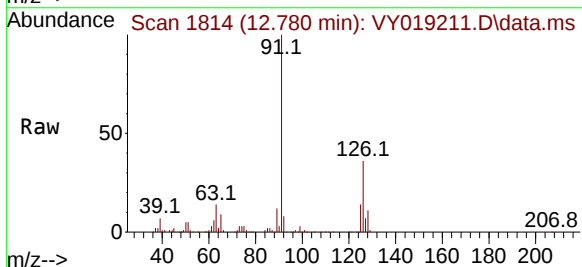
Instrument :
MSVOA_Y
ClientSampleId :

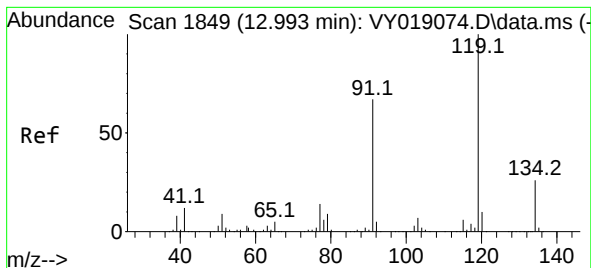
Tgt Ion: 75 Resp: 16151
Ion Ratio Lower Upper
75 100
53 97.0 66.8 100.2
89 48.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 54.265 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 91 Resp: 225776
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.099 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

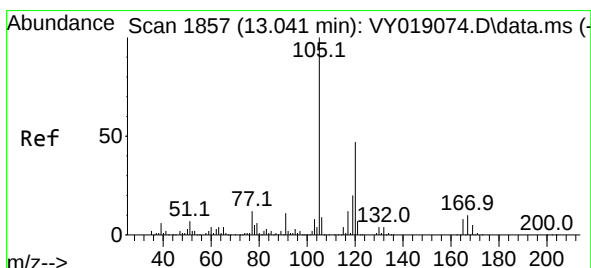
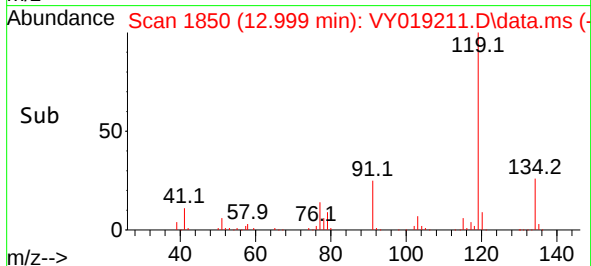
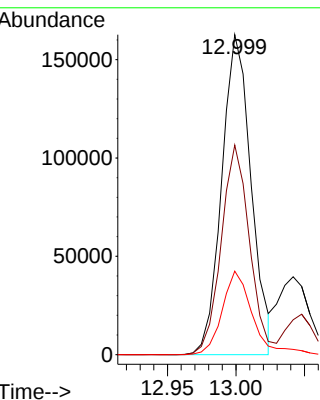
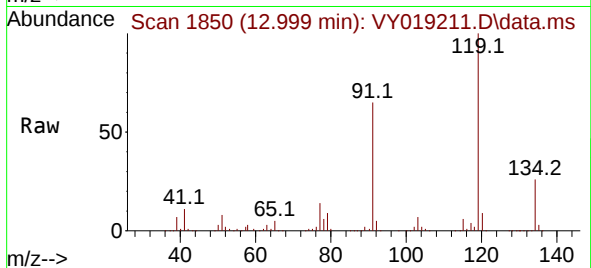
Tgt Ion:119 Resp: 242852

Ion Ratio Lower Upper

119 100

91 63.5 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.284 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019211.D

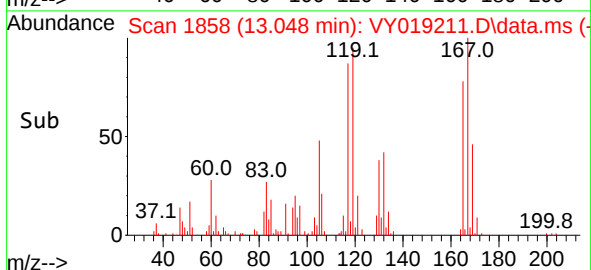
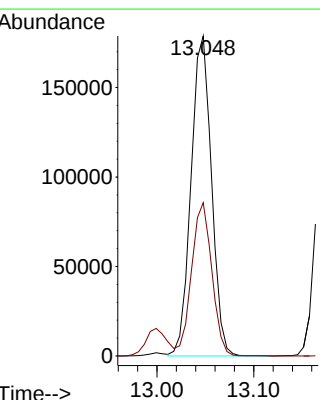
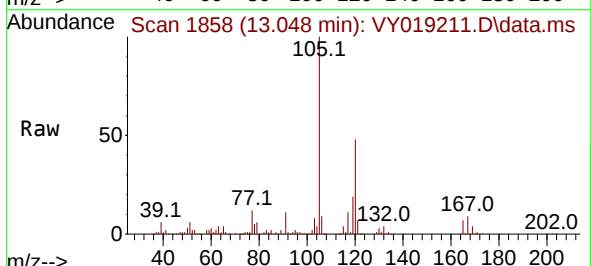
Acq: 22 Aug 2024 11:22

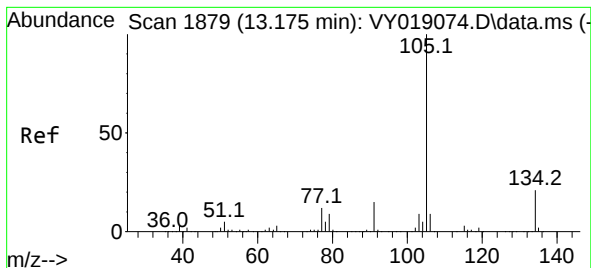
Tgt Ion:105 Resp: 262992

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.180 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

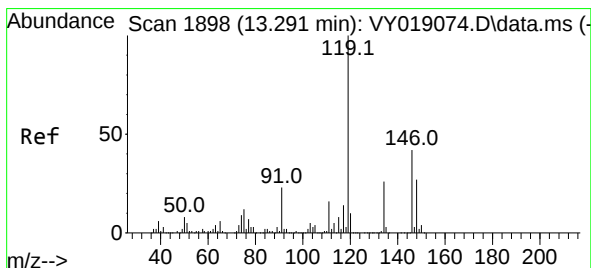
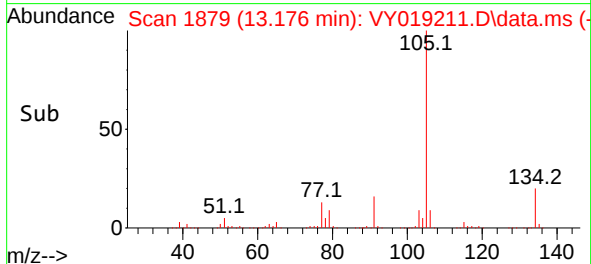
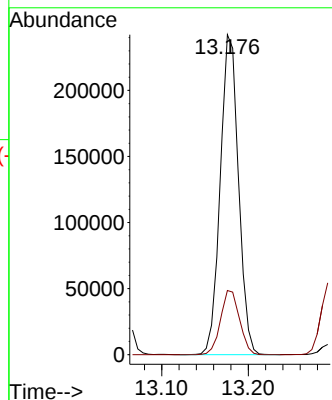
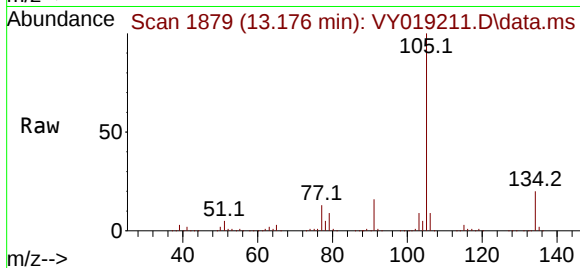
ClientSampleId :

Tgt Ion:105 Resp: 354427

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.755 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

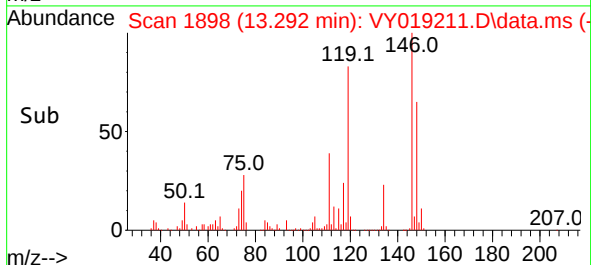
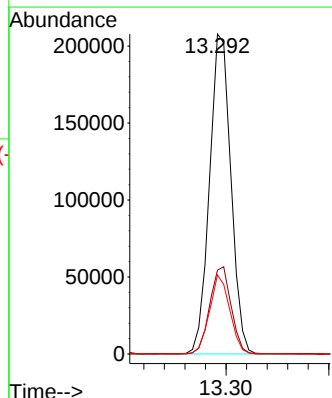
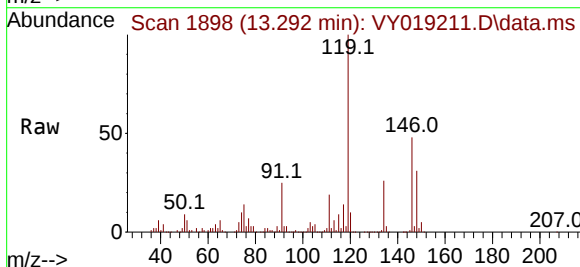
Tgt Ion:119 Resp: 299587

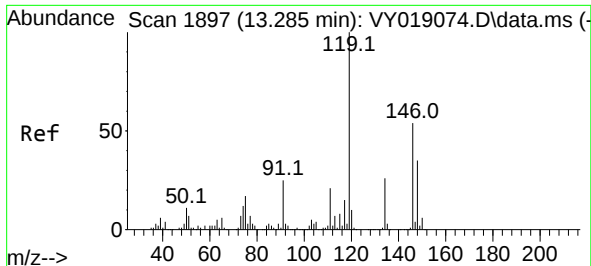
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.984 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

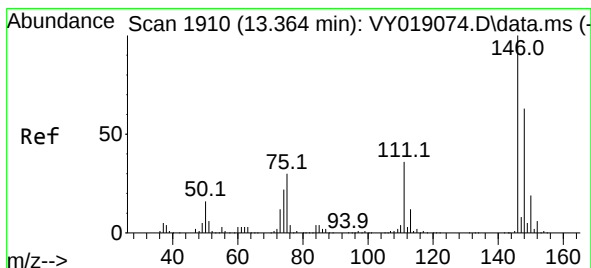
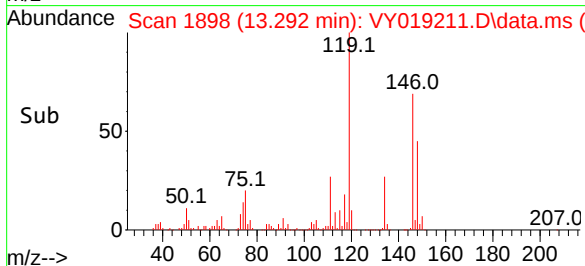
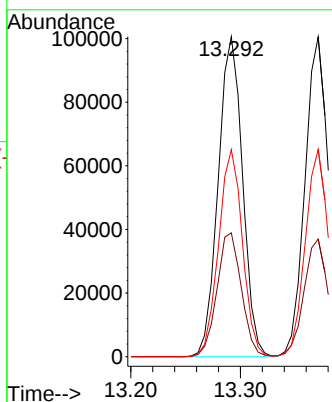
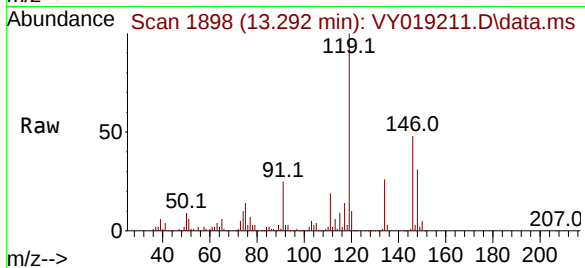
Tgt Ion:146 Resp: 155389

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.936 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

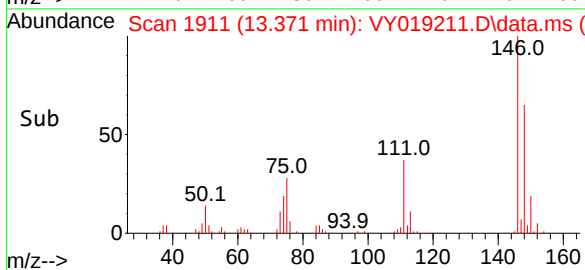
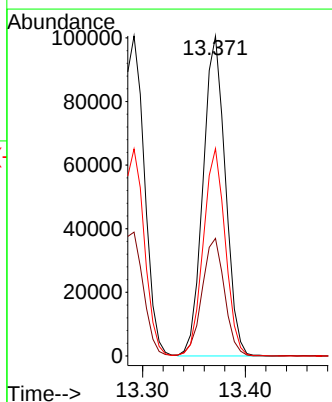
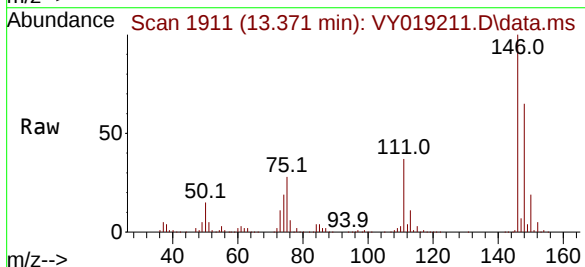
Tgt Ion:146 Resp: 151517

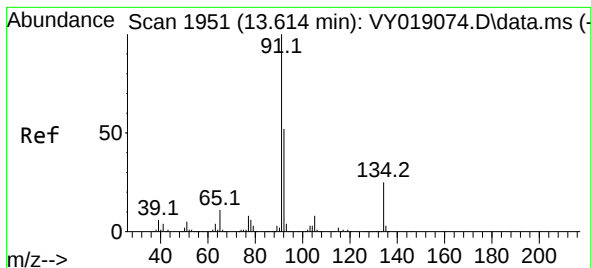
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 53.002 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

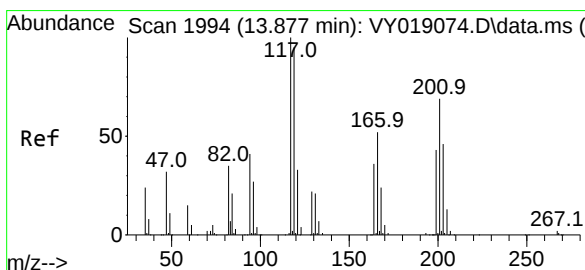
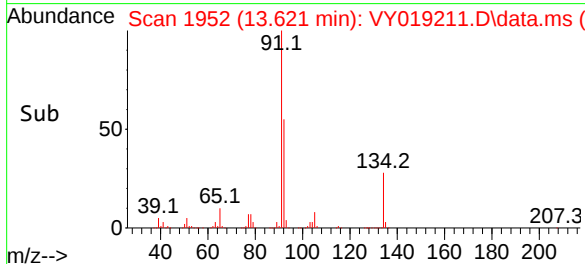
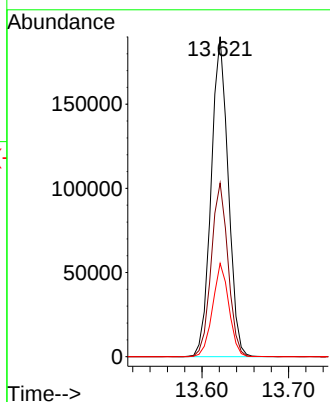
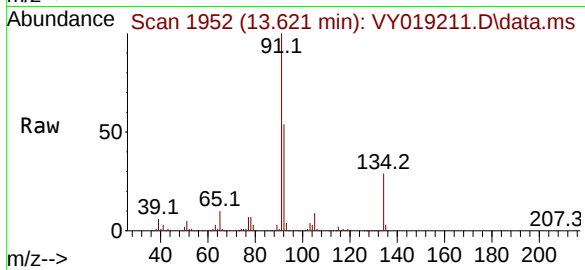
Tgt Ion: 91 Resp: 259651

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 27.9 12.9 38.7



#90

Hexachloroethane

Concen: 54.597 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019211.D

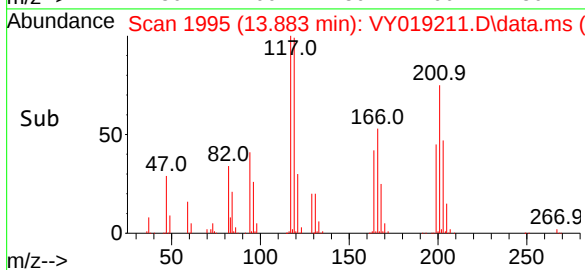
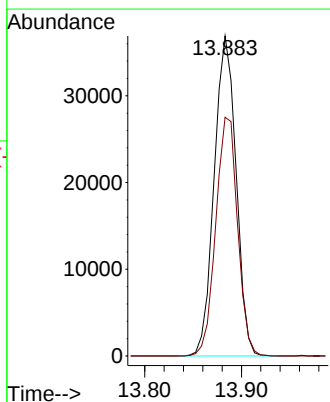
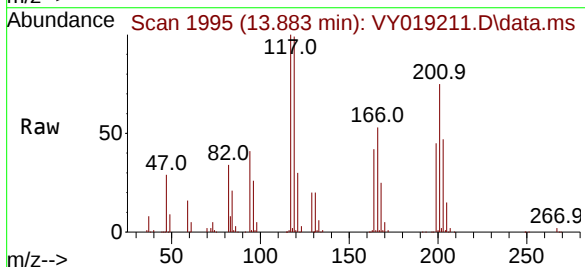
Acq: 22 Aug 2024 11:22

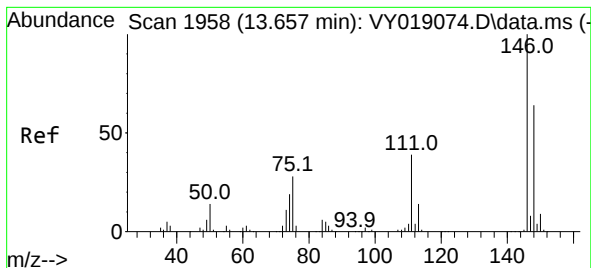
Tgt Ion: 117 Resp: 57823

Ion Ratio Lower Upper

117 100

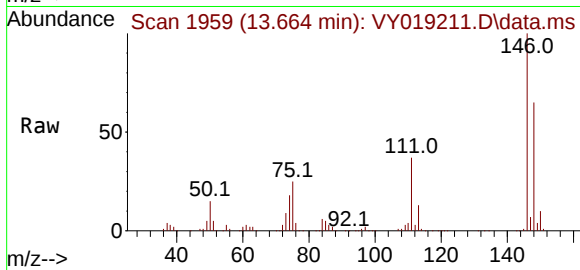
201 74.5 37.4 112.2



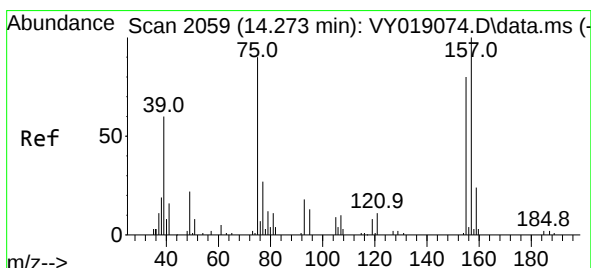
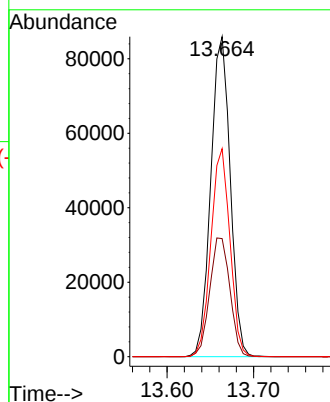
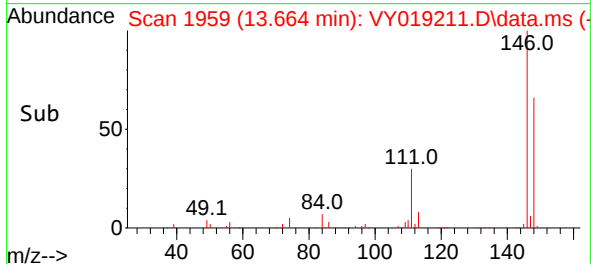


#91
1,2-Dichlorobenzene
Concen: 53.886 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

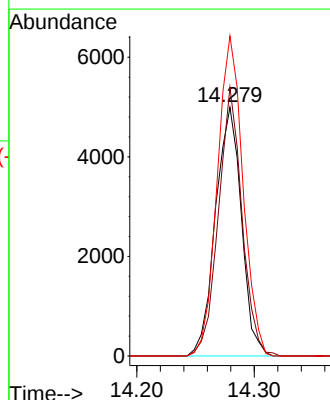
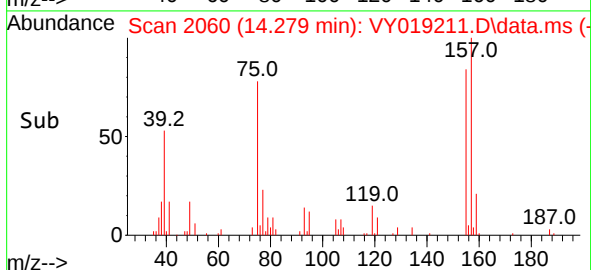
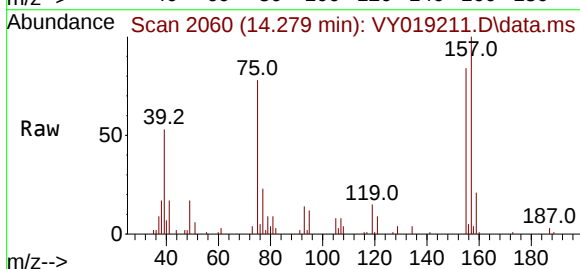


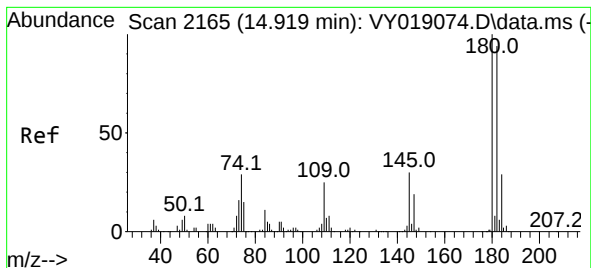
Tgt Ion:146 Resp: 133935
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 63.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.946 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019211.D
Acq: 22 Aug 2024 11:22

Tgt Ion: 75 Resp: 7649
Ion Ratio Lower Upper
75 100
155 98.3 48.6 145.8
157 127.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.026 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

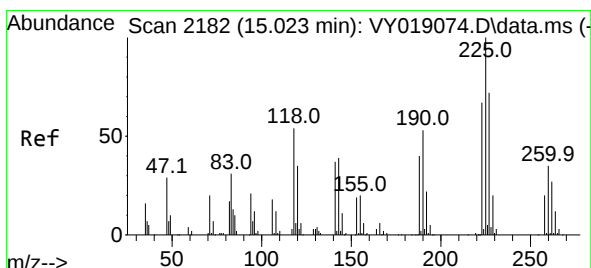
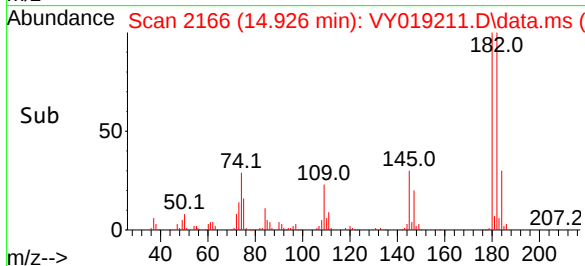
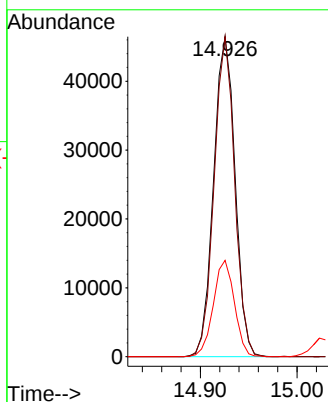
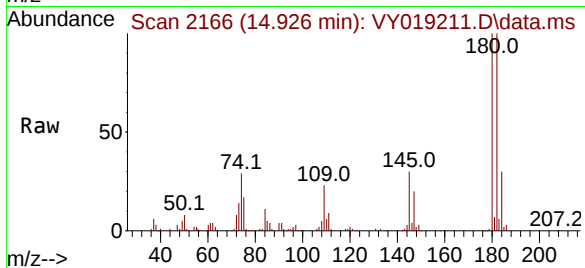
Tgt Ion:180 Resp: 71522

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.508 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

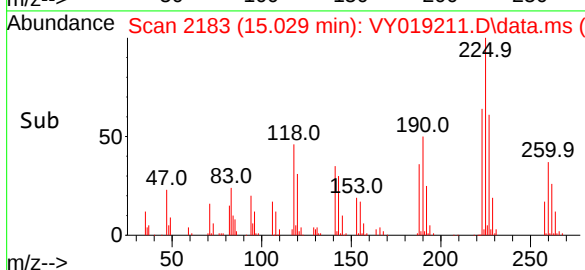
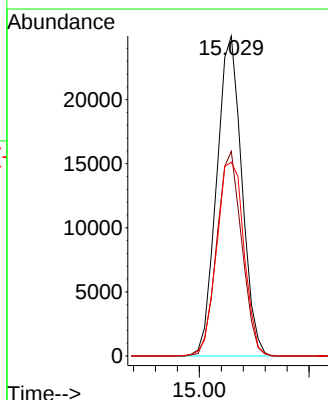
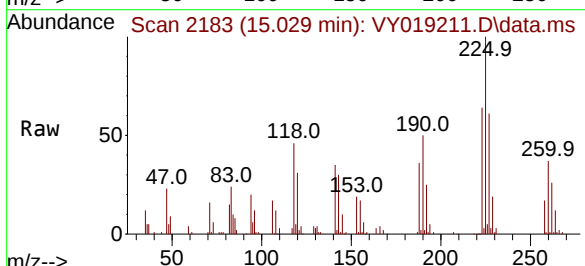
Tgt Ion:225 Resp: 39796

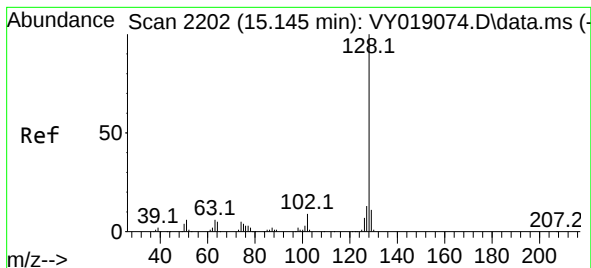
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 50.012 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

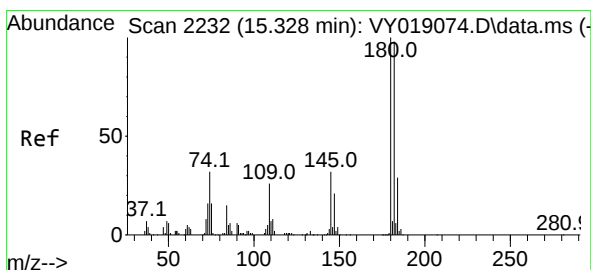
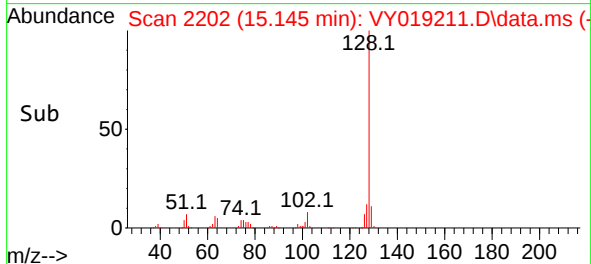
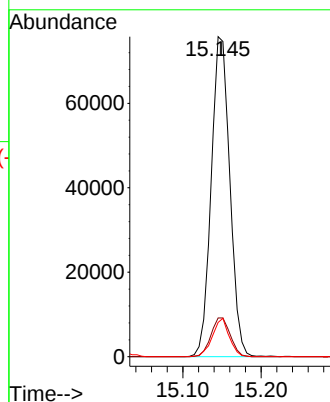
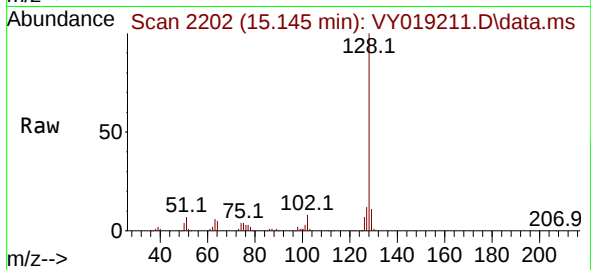
Tgt Ion:128 Resp: 125109

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.458 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019211.D

Acq: 22 Aug 2024 11:22

Tgt Ion:180 Resp: 60834

Ion Ratio Lower Upper

180 100

182 97.9 47.6 142.9

145 31.8 15.4 46.1

