

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010213.D
 Acq On : 25 Aug 2022 19:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 06:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68133	49.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.140%
35) Dibromofluoromethane	7.710	113	75387	45.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.420%
50) Toluene-d8	10.173	98	122673	21.199	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	42.400%#
62) 4-Bromofluorobenzene	12.477	95	105115	47.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38290	33.446	ug/l	97
3) Chloromethane	2.107	50	67607	48.521	ug/l	100
4) Vinyl Chloride	2.241	62	77427	50.935	ug/l	99
5) Bromomethane	2.637	94	60827	49.684	ug/l	99
6) Chloroethane	2.778	64	56263	52.000	ug/l	97
7) Trichlorofluoromethane	3.113	101	73533	50.260	ug/l	93
8) Diethyl Ether	3.515	74	47543	47.450	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	81023	47.077	ug/l	94
10) Methyl Iodide	4.076	142	92093	48.737	ug/l	89
11) Tert butyl alcohol	4.954	59	41560	235.187	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	73312	47.712	ug/l	88
13) Acrolein	3.716	56	12354	172.865	ug/l	99
14) Allyl chloride	4.466	41	134265	49.620	ug/l	91
15) Acrylonitrile	5.149	53	132658	245.339	ug/l	98
16) Acetone	3.936	43	96778	215.886	ug/l	91
17) Carbon Disulfide	4.180	76	189930	48.547	ug/l	99
18) Methyl Acetate	4.466	43	66288	49.624	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	225738	49.746	ug/l	97
20) Methylene Chloride	4.704	84	118716	57.577	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	86695	48.731	ug/l	91
22) Diisopropyl ether	6.106	45	329218	54.565	ug/l	94
23) Vinyl Acetate	6.051	43	1008467	284.764	ug/l	96
24) 1,1-Dichloroethane	6.009	63	168973	49.153	ug/l	98
25) 2-Butanone	6.978	43	180273	242.195	ug/l	96
26) 2,2-Dichloropropane	6.972	77	138510	43.667	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	106634	49.670	ug/l	89
28) Bromochloromethane	7.325	49	61018	52.837	ug/l	96
29) Tetrahydrofuran	7.338	42	124128	276.023	ug/l	96
30) Chloroform	7.496	83	177518	49.816	ug/l	99
31) Cyclohexane	7.777	56	140776	50.015	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	146900	49.091	ug/l	97
36) 1,1-Dichloropropene	7.911	75	128605	52.441	ug/l	98
37) Ethyl Acetate	7.063	43	83755	53.430	ug/l	97
38) Carbon Tetrachloride	7.892	117	132612	51.053	ug/l	98
39) Methylcyclohexane	9.179	83	73962	27.195	ug/l	87
40) Benzene	8.149	78	382870	51.008	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	111471	142.512	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	107859	51.697	ug/l	93
43) Isopropyl Acetate	8.264	43	149130	54.668	ug/l	95
44) Trichloroethene	8.935	130	102953	49.698	ug/l	99
45) 1,2-Dichloropropane	9.209	63	49399	25.055	ug/l	99
46) Dibromomethane	9.301	93	28194	25.922	ug/l	93
47) Bromodichloromethane	9.490	83	69776	26.065	ug/l	96
48) Methyl methacrylate	9.289	41	28257	24.099	ug/l #	82
49) 1,4-Dioxane	9.289	88	6193	489.586	ug/l	86
51) 4-Methyl-2-Pentanone	10.063	43	169313	113.310	ug/l	94
52) Toluene	10.240	92	125145	26.616	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	67693	25.521	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	75170	24.463	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	43370	26.282	ug/l	96
56) Ethyl methacrylate	10.508	69	52703	26.155	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	69138	25.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	85673	104.519	ug/l	93
59) 2-Hexanone	10.831	43	128668	127.228	ug/l	89
60) Dibromochloromethane	10.983	129	77914	40.047	ug/l	99
61) 1,2-Dibromoethane	11.087	107	79311	52.249	ug/l	99
64) Tetrachloroethene	10.715	164	60393	29.430	ug/l	98
65) Chlorobenzene	11.514	112	274346	50.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	104523	50.526	ug/l	97
67) Ethyl Benzene	11.587	91	493688	52.894	ug/l	99
68) m/p-Xylenes	11.703	106	381216	106.373	ug/l	94
69) o-Xylene	12.026	106	181633	53.102	ug/l	93
70) Styrene	12.038	104	315052	53.808	ug/l	95
71) Bromoform	12.203	173	66029	50.558	ug/l #	99
73) Isopropylbenzene	12.325	105	489206	51.777	ug/l	100
74) N-amyl acetate	12.142	43	143061	55.328	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	105133	50.594	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	132440	87.790	ug/l #	100
77) Bromobenzene	12.605	156	114773	49.178	ug/l	98
78) n-propylbenzene	12.666	91	611468	52.016	ug/l	100
79) 2-Chlorotoluene	12.751	91	336196	50.810	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	409935	51.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	36217	51.045	ug/l #	84
82) 4-Chlorotoluene	12.849	91	348648	50.381	ug/l	98
83) tert-Butylbenzene	13.074	119	360500	52.243	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	411253	51.760	ug/l	98
85) sec-Butylbenzene	13.251	105	552082	52.551	ug/l	99
86) p-Isopropyltoluene	13.367	119	455587	53.174	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	234259	49.304	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	231942	48.406	ug/l	98
89) n-Butylbenzene	13.696	91	431697	52.515	ug/l	100
90) Hexachloroethane	13.958	117	90411	49.993	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	208862	49.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16036	51.382	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	120536	47.411	ug/l	99
94) Hexachlorobutadiene	15.111	225	69436	58.412	ug/l	97
95) Naphthalene	15.233	128	249215	46.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108373	48.378	ug/l	100

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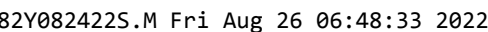
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

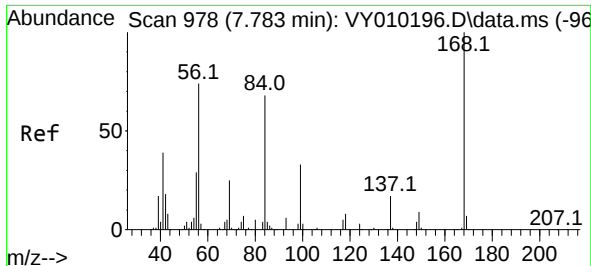
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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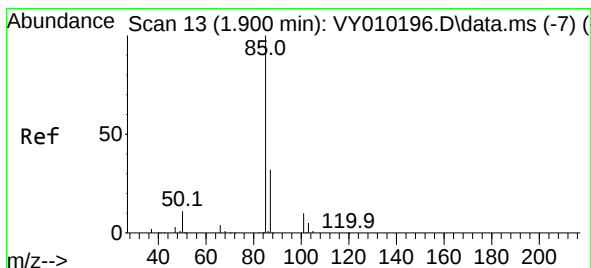
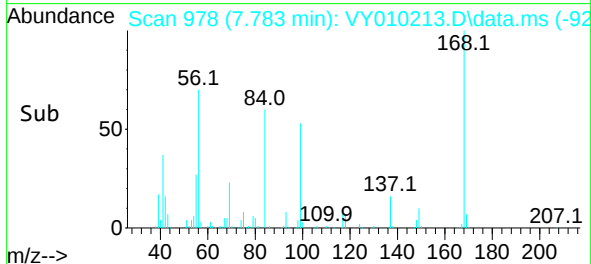
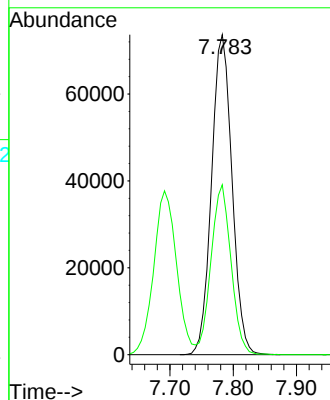
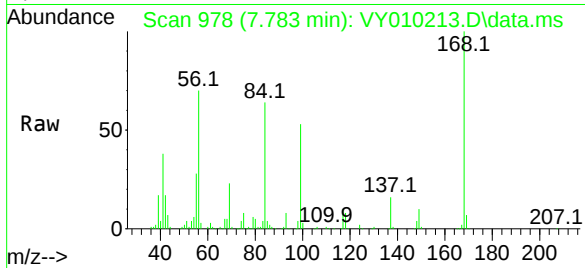




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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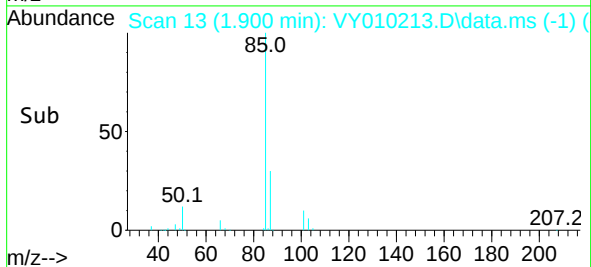
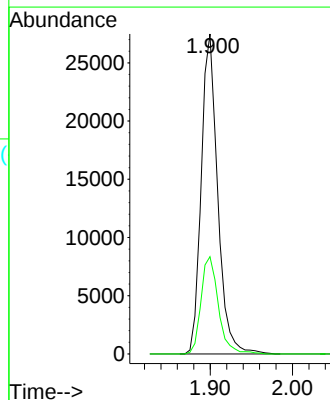
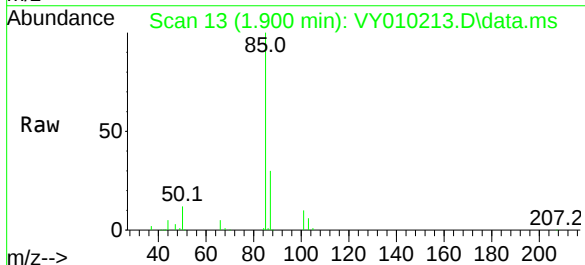
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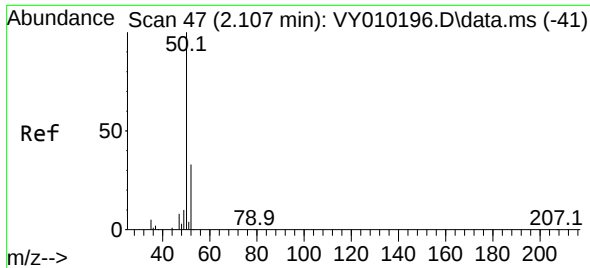
Tgt Ion:168 Resp: 165113
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 33.446 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 85 Resp: 38290
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2

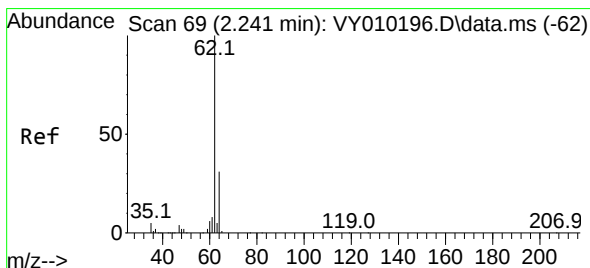
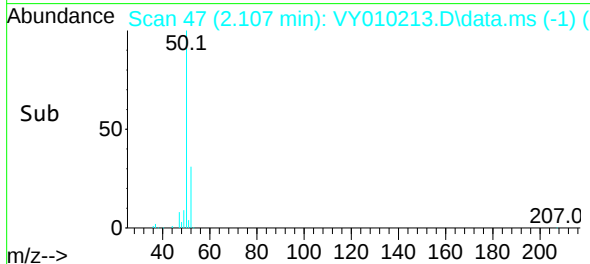
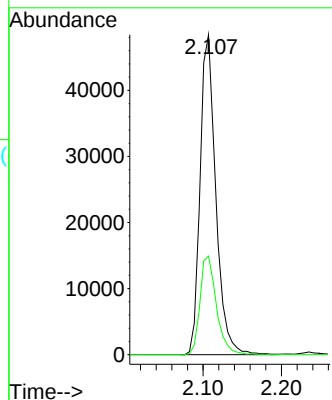
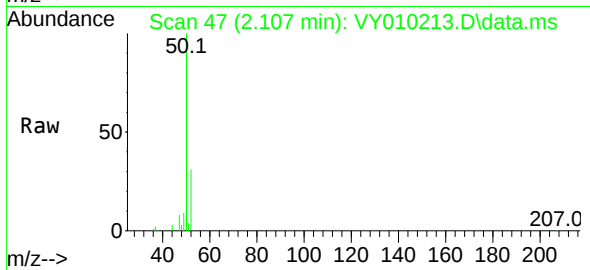




#3
Chloromethane
Concen: 48.521 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010213.D
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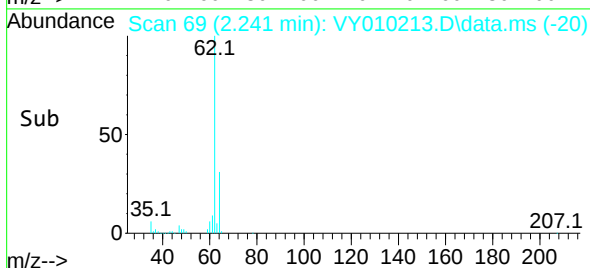
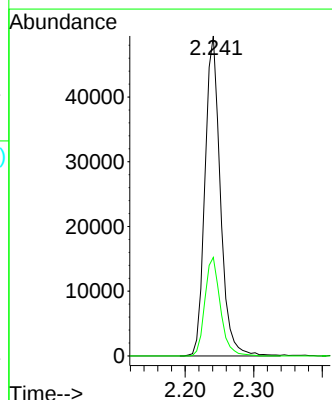
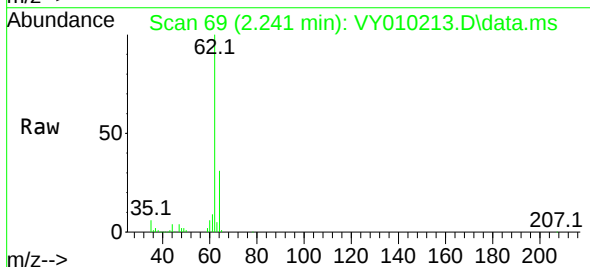
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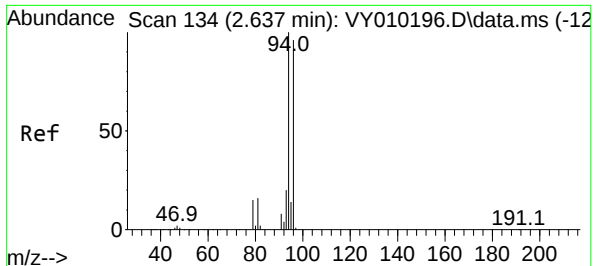
Tgt Ion: 50 Resp: 67607
Ion Ratio Lower Upper
50 100
52 30.8 24.6 37.0



#4
Vinyl Chloride
Concen: 50.935 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 62 Resp: 77427
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6

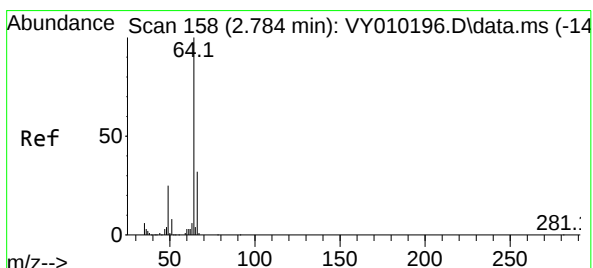
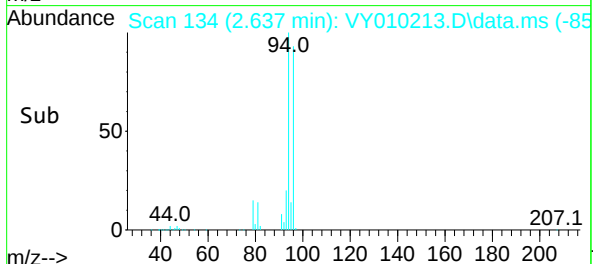
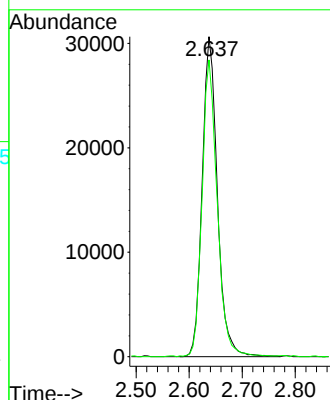
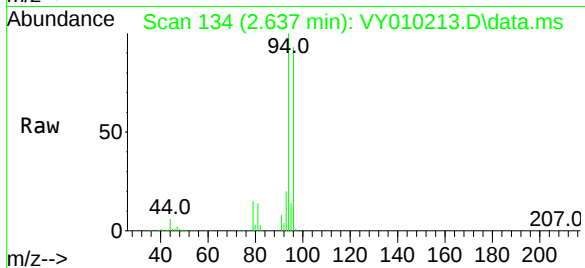




#5
Bromomethane
Concen: 49.684 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010213.D
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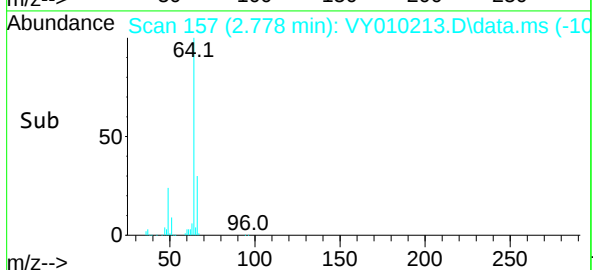
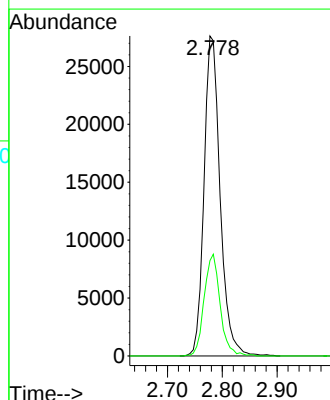
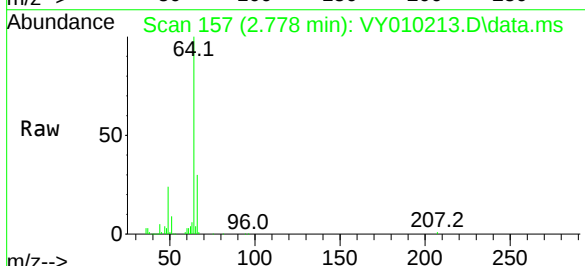
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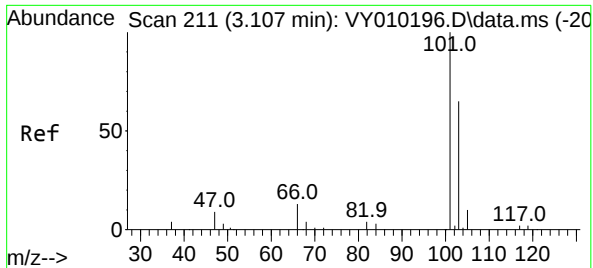
Tgt Ion: 94 Resp: 60827
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3



#6
Chloroethane
Concen: 52.000 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 64 Resp: 56263
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.0

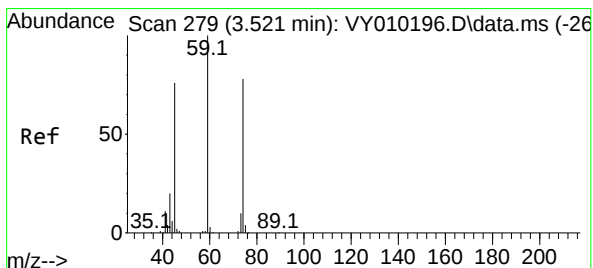
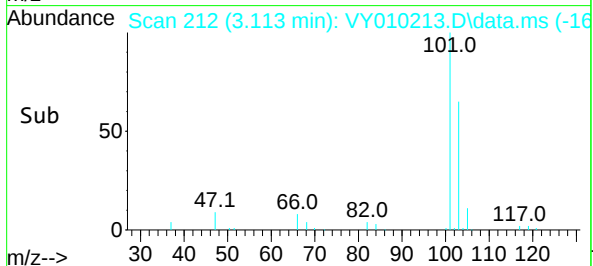
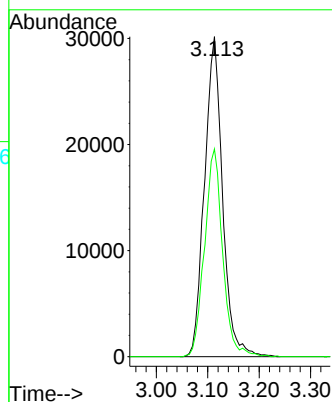
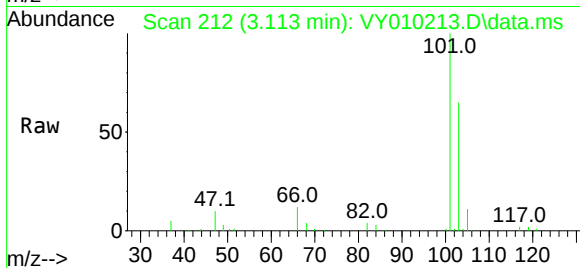




#7
 Trichlorofluoromethane
 Concen: 50.260 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY010213.D
 Acq: 25 Aug 2022 19:03

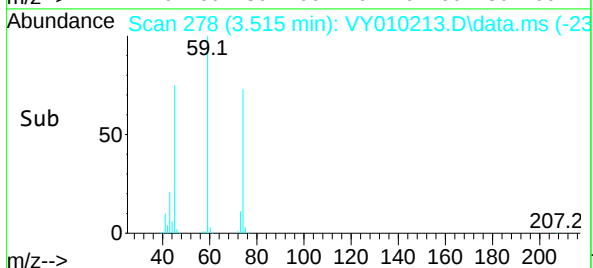
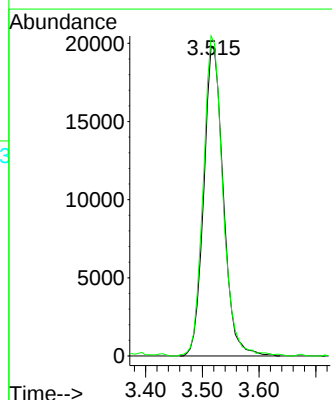
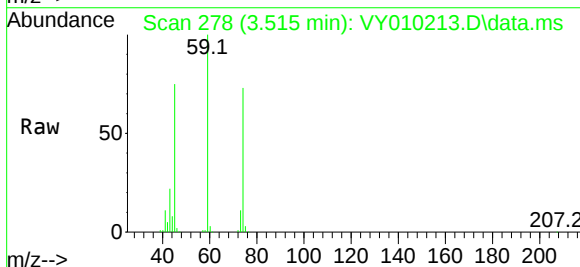
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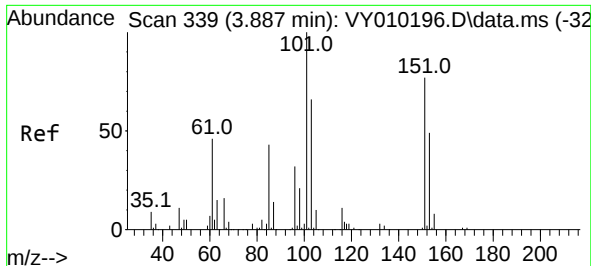
Tgt Ion:101 Resp: 73533
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 47.450 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY010213.D
 Acq: 25 Aug 2022 19:03

Tgt Ion: 74 Resp: 47543
 Ion Ratio Lower Upper
 74 100
 45 104.0 55.1 165.5

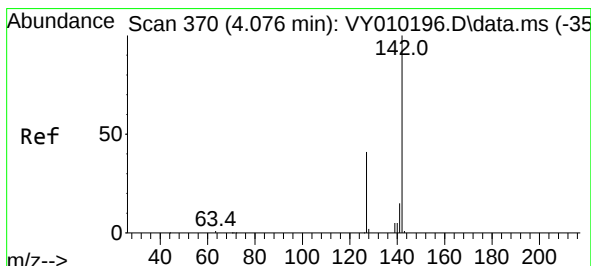
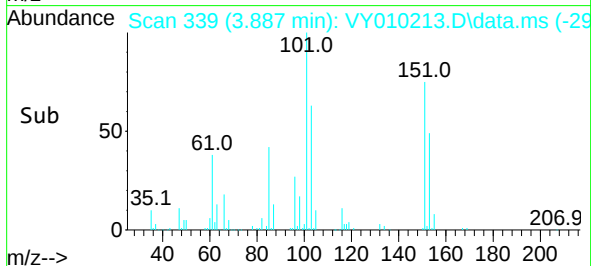
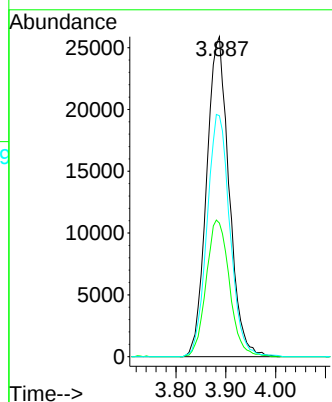
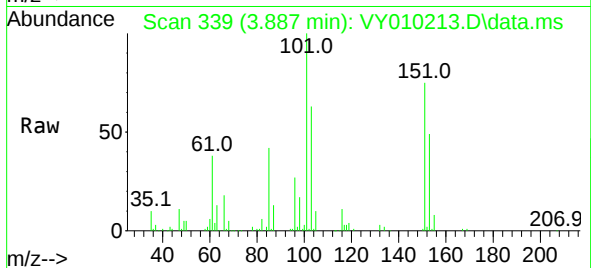




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.077 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

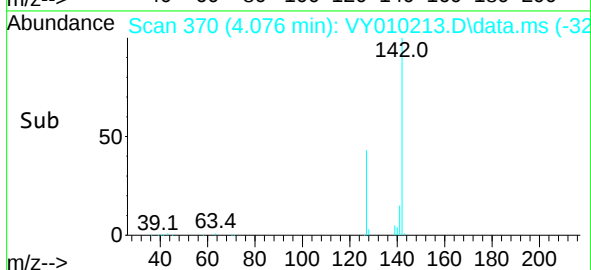
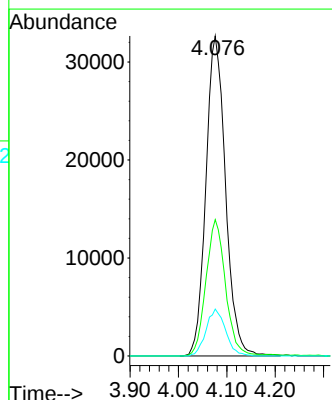
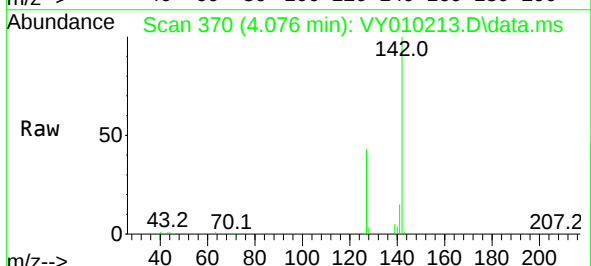
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

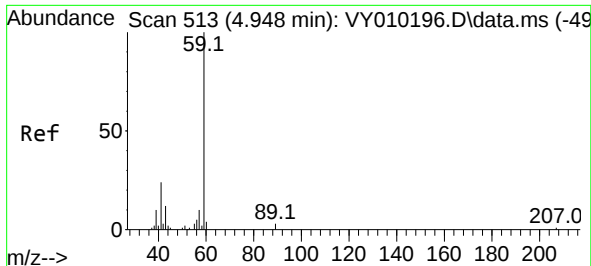
Tgt Ion:101 Resp: 81023
Ion Ratio Lower Upper
101 100
85 44.2 40.6 60.8
151 77.2 64.9 97.3



#10
Methyl Iodide
Concen: 48.737 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion:142 Resp: 92093
Ion Ratio Lower Upper
142 100
127 42.4 41.5 62.3
141 14.6 11.9 17.9

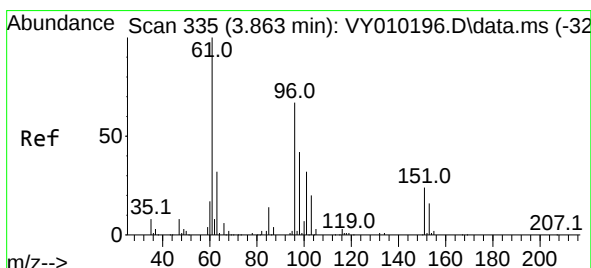
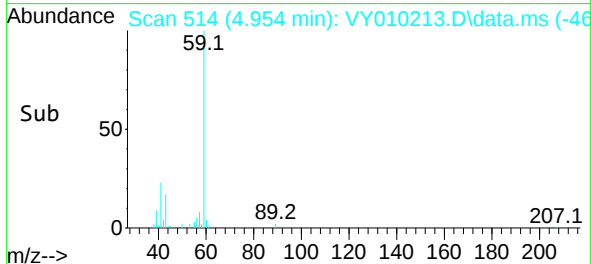
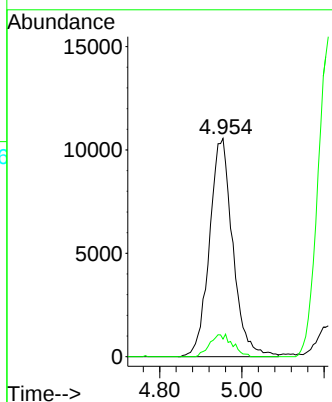
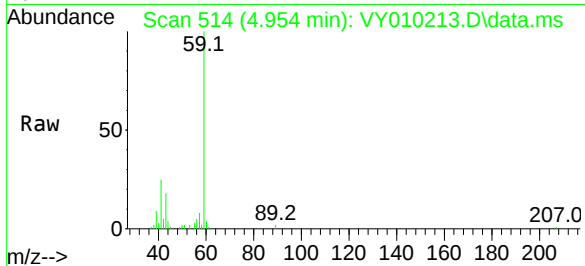




#11
Tert butyl alcohol
Concen: 235.187 ug/l
RT: 4.954 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

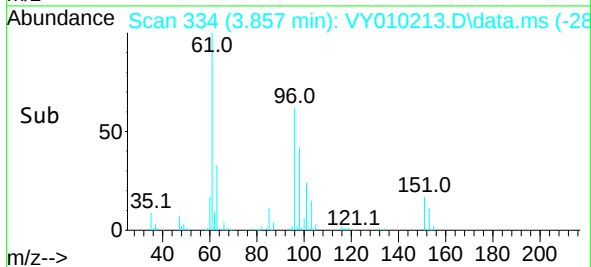
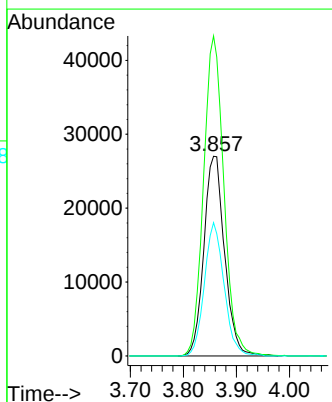
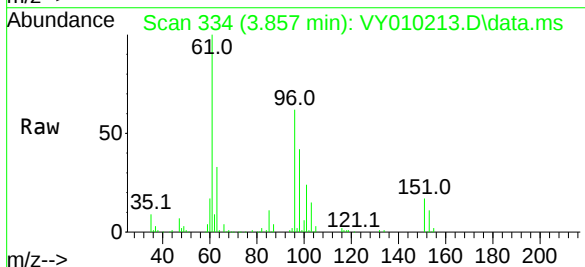
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

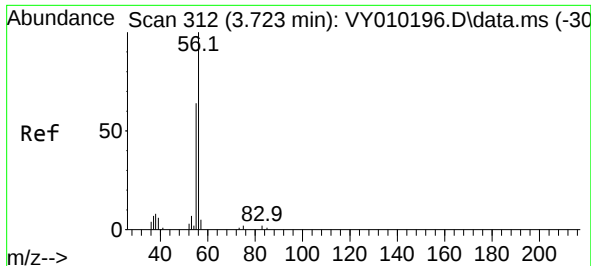
Tgt Ion: 59 Resp: 41560
Ion Ratio Lower Upper
59 100
57 9.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.712 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 96 Resp: 73312
Ion Ratio Lower Upper
96 100
61 160.3 145.8 218.6
98 66.7 52.5 78.7





#13

Acrolein

Concen: 172.865 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

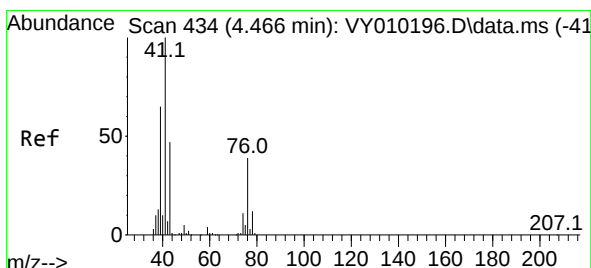
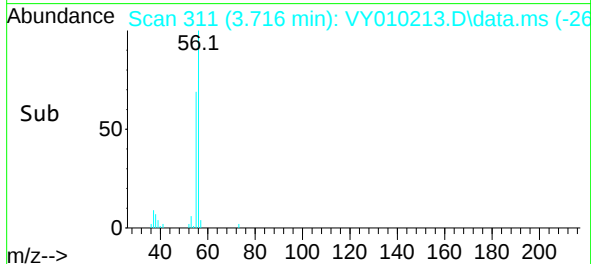
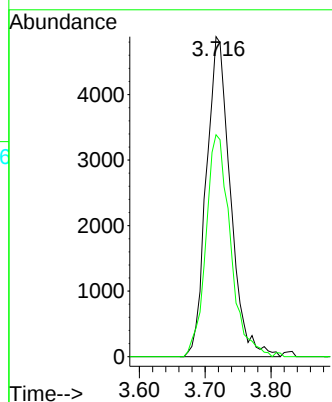
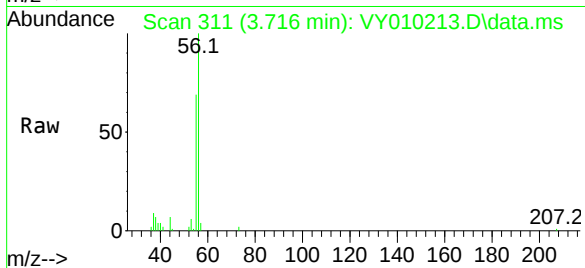
VSTDCCC050EC

Tgt Ion: 56 Resp: 12354

Ion Ratio Lower Upper

56 100

55 71.2 57.6 86.4



#14

Allyl chloride

Concen: 49.620 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

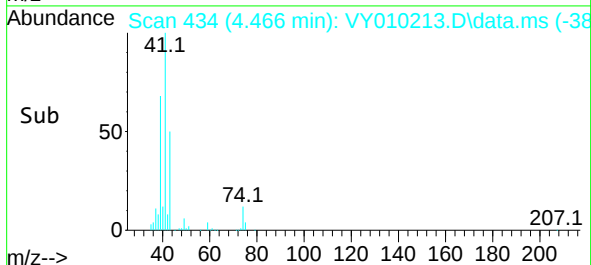
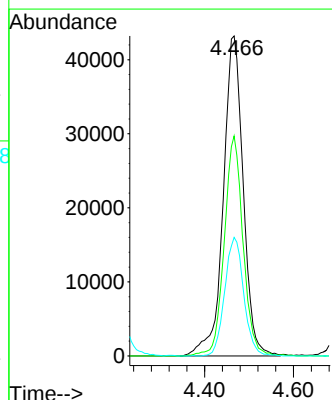
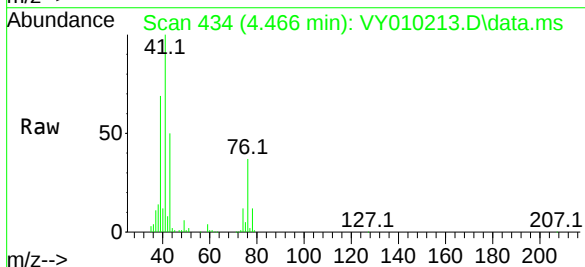
Tgt Ion: 41 Resp: 134265

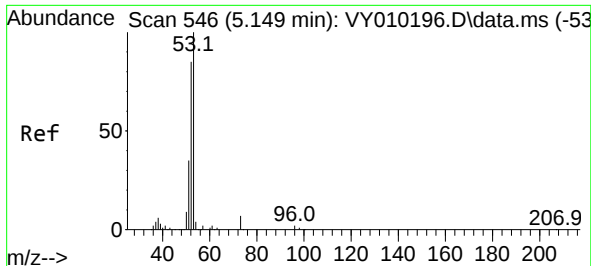
Ion Ratio Lower Upper

41 100

39 64.8 58.8 88.2

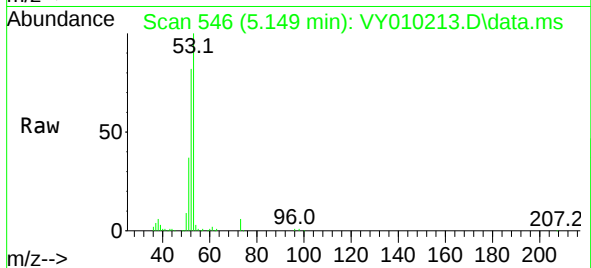
76 35.4 25.1 37.7





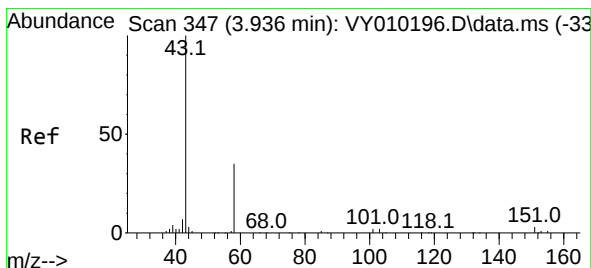
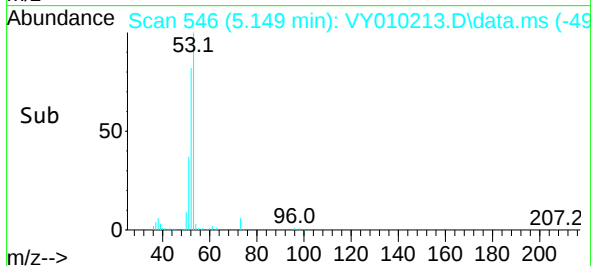
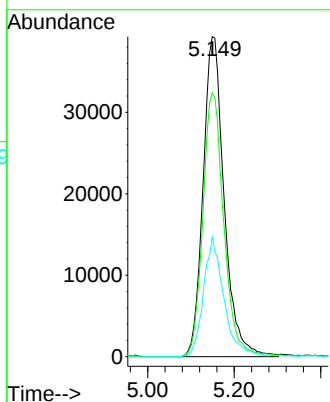
#15
Acrylonitrile
Concen: 245.339 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 132658

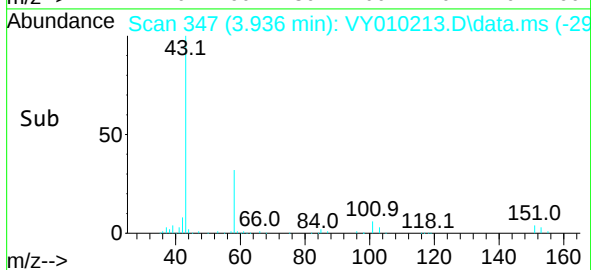
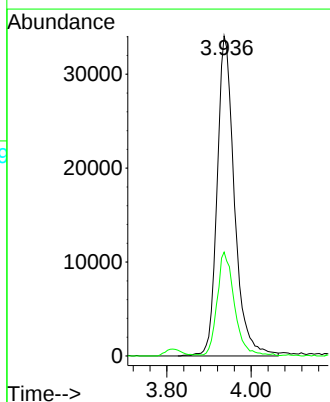
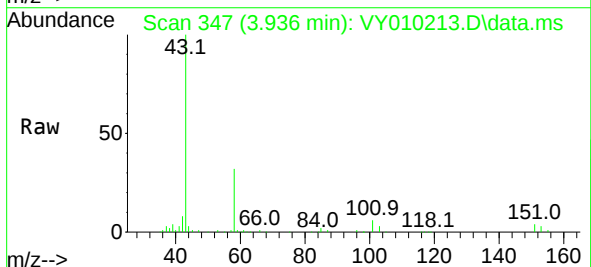
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.0	100.4
51	36.3	29.8	44.6

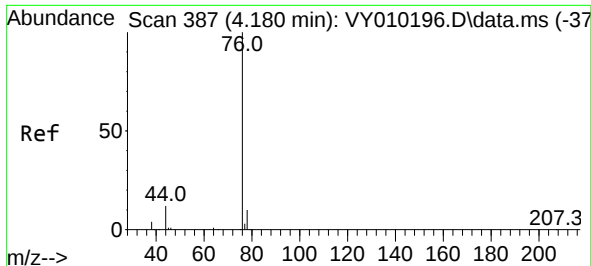


#16
Acetone
Concen: 215.886 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 43 Resp: 96778

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.0	33.0

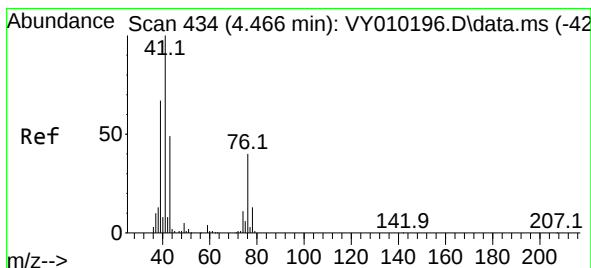
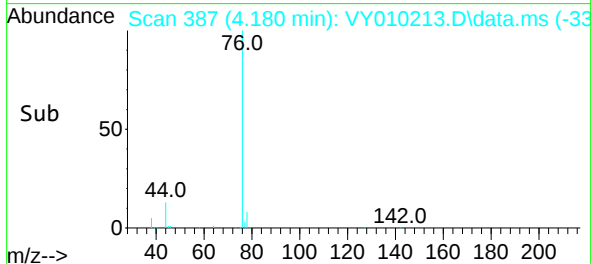
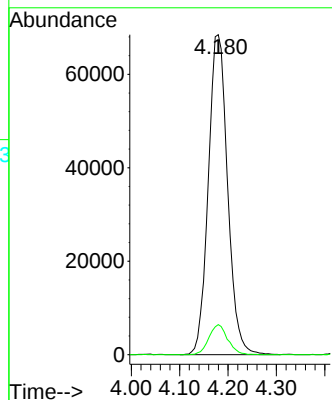
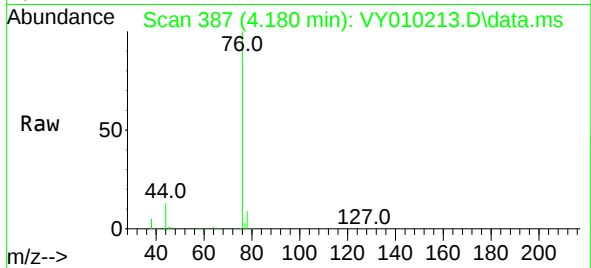




#17
Carbon Disulfide
Concen: 48.547 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

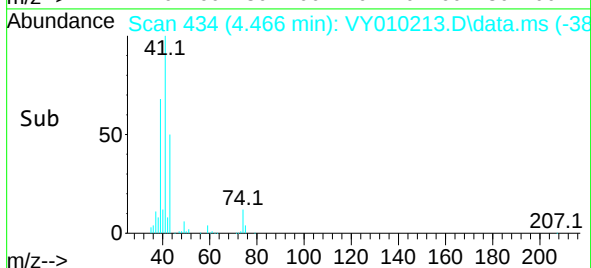
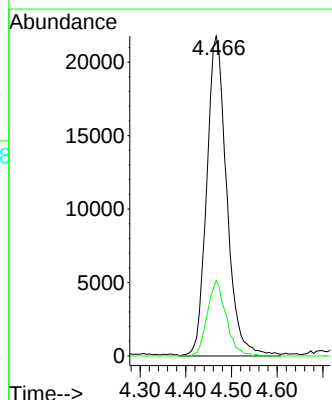
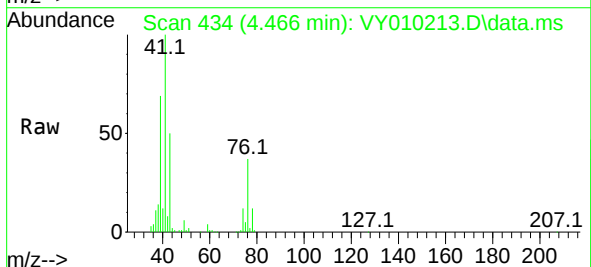
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

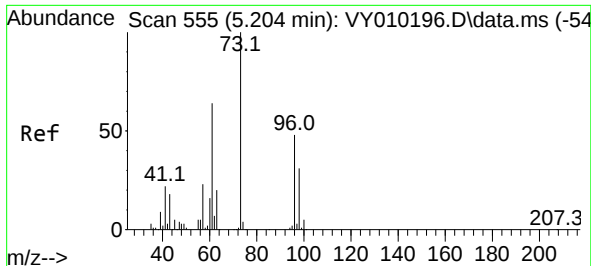
Tgt Ion: 76 Resp: 189930
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 49.624 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 43 Resp: 66288
Ion Ratio Lower Upper
43 100
74 22.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 49.746 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

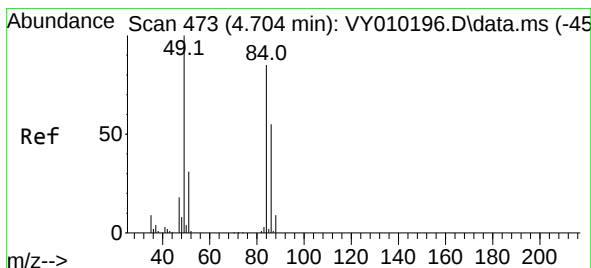
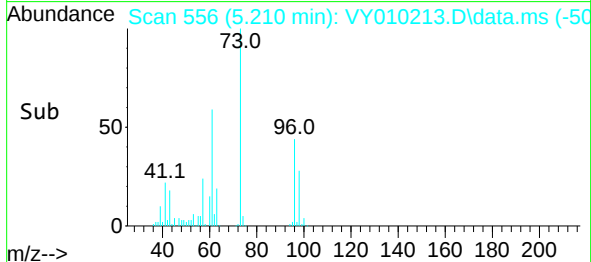
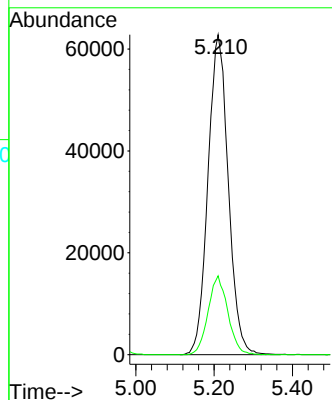
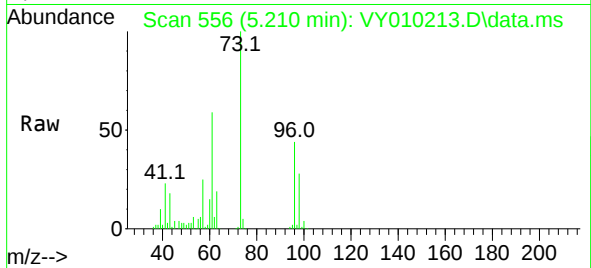
VSTDCCC050EC

Tgt Ion: 73 Resp: 225738

Ion Ratio Lower Upper

73 100

57 24.6 18.6 27.8



#20

Methylene Chloride

Concen: 57.577 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Tgt Ion: 84 Resp: 118716

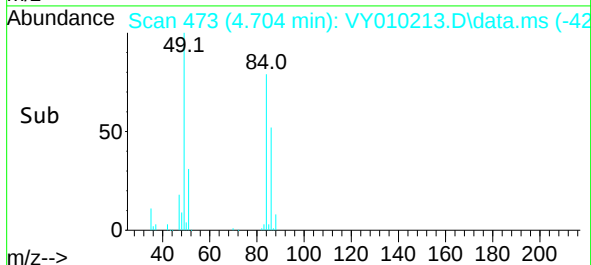
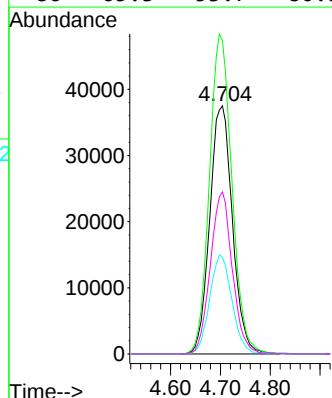
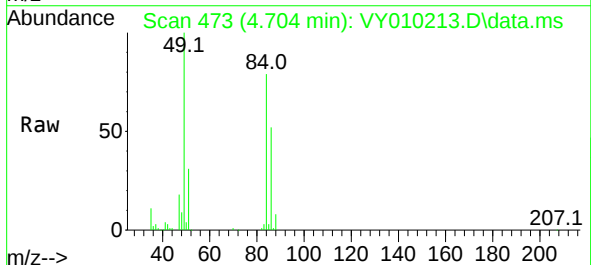
Ion Ratio Lower Upper

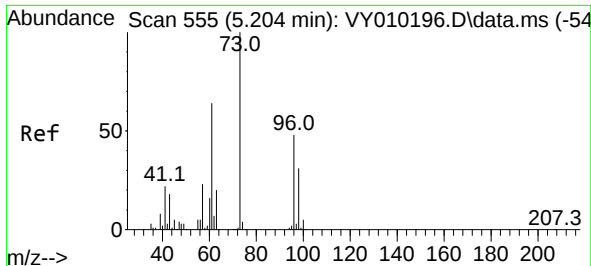
84 100

49 126.3 114.4 171.6

51 38.9 35.3 52.9

86 65.3 53.7 80.5

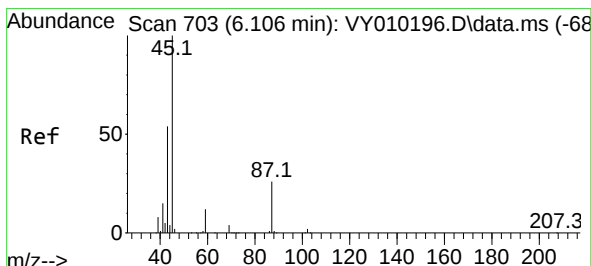
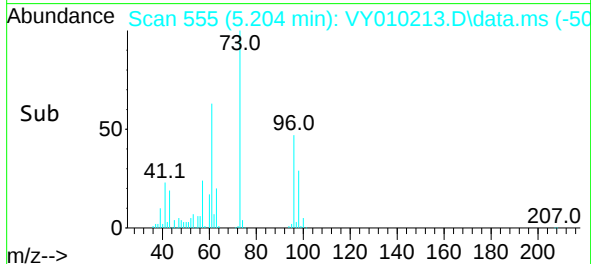
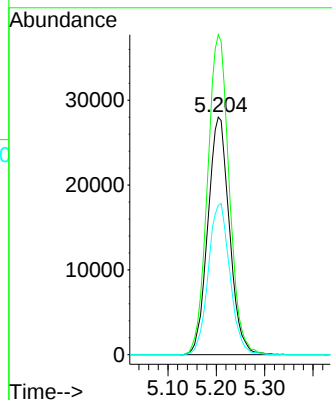
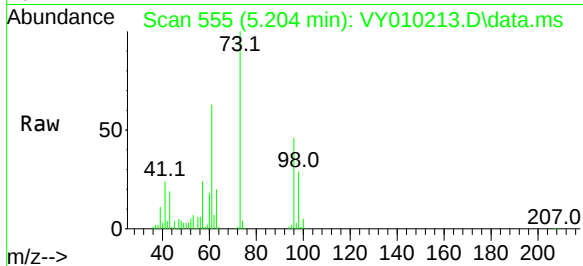




#21
trans-1,2-Dichloroethene
Concen: 48.731 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

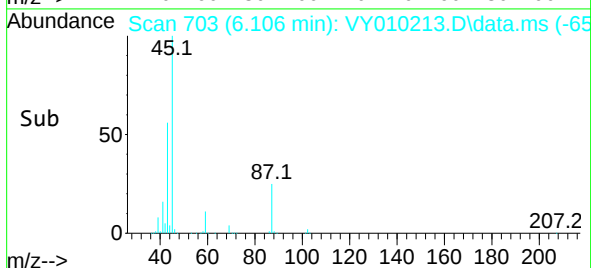
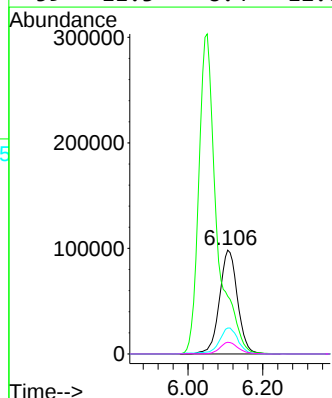
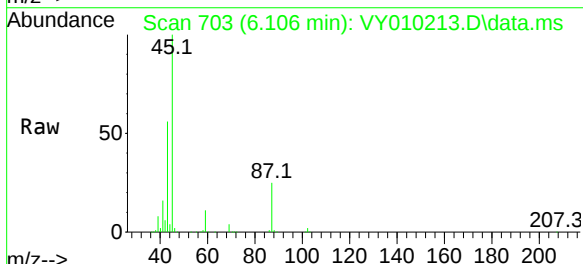
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

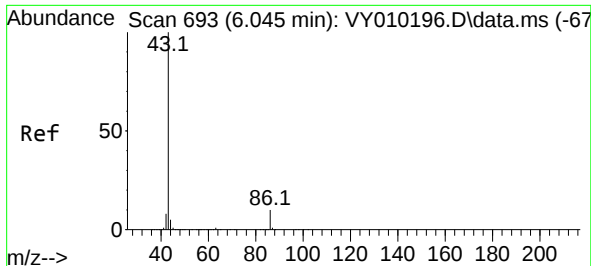
Tgt Ion: 96 Resp: 86695
Ion Ratio Lower Upper
96 100
61 134.7 120.5 180.7
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 54.565 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 45 Resp: 329218
Ion Ratio Lower Upper
45 100
43 55.5 49.3 73.9
87 25.0 19.2 28.8
59 11.3 8.4 12.6

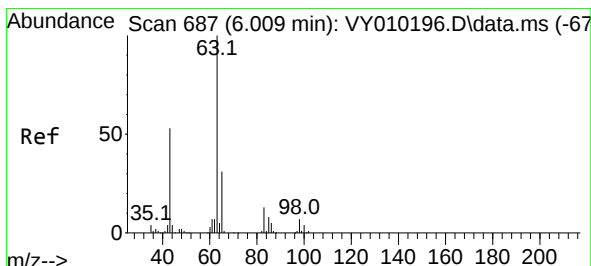
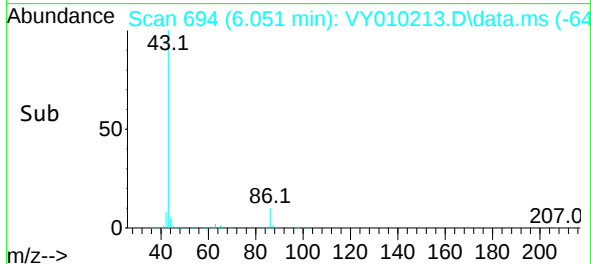
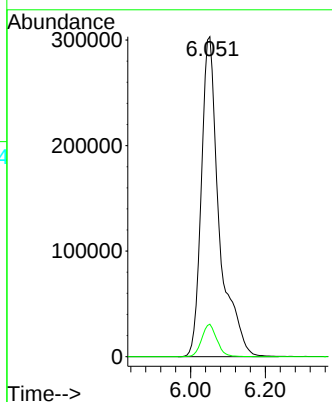
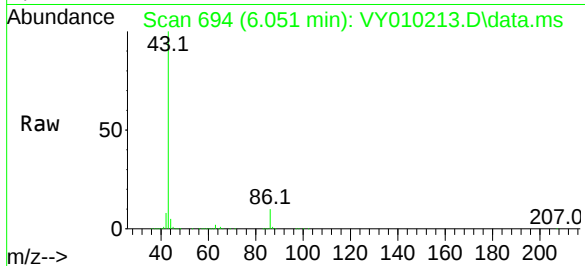




#23
 Vinyl Acetate
 Concen: 284.764 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010213.D
 Acq: 25 Aug 2022 19:03

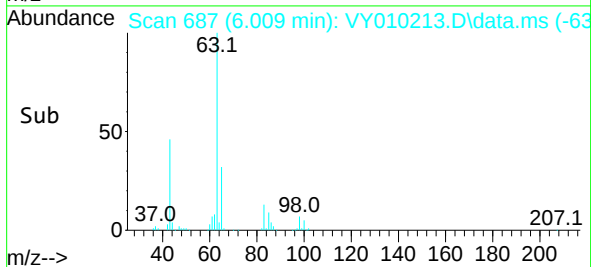
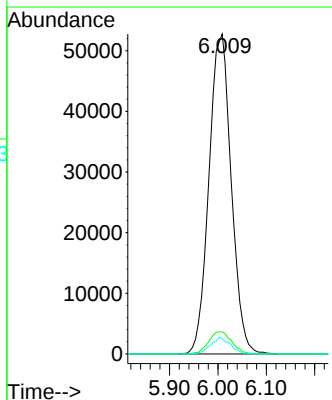
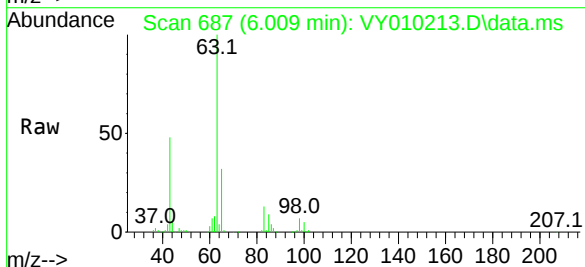
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

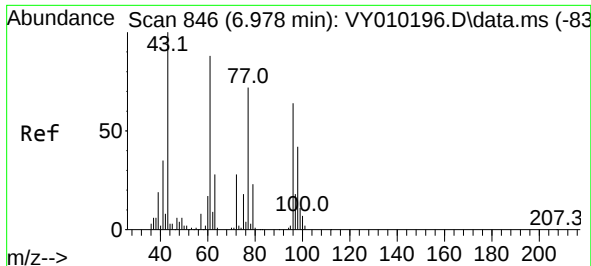
Tgt Ion: 43 Resp: 1008467
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 49.153 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010213.D
 Acq: 25 Aug 2022 19:03

Tgt Ion: 63 Resp: 168973
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.9 2.0 5.8

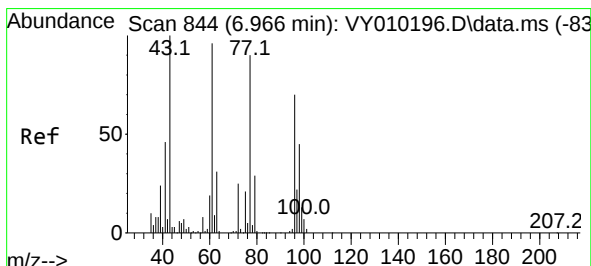
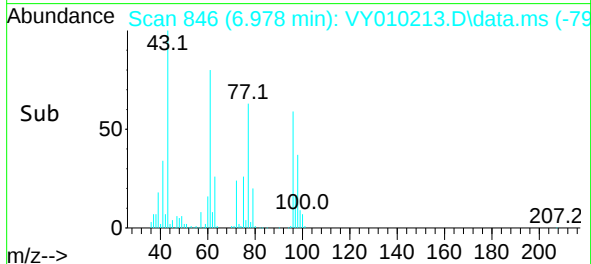
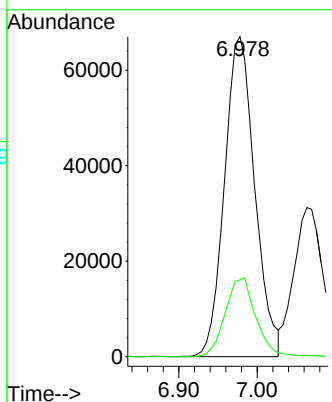
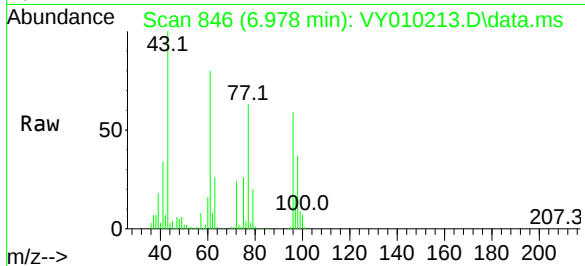




#25
2-Butanone
Concen: 242.195 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

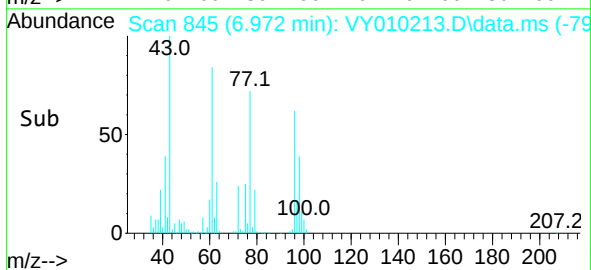
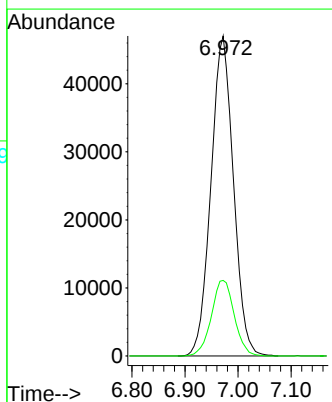
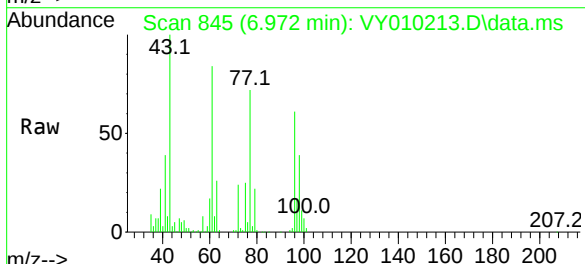
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

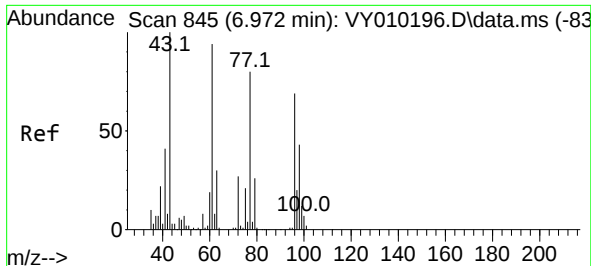
Tgt Ion: 43 Resp: 180273
Ion Ratio Lower Upper
43 100
72 24.0 17.7 26.5



#26
2,2-Dichloropropane
Concen: 43.667 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 77 Resp: 138510
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.670 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

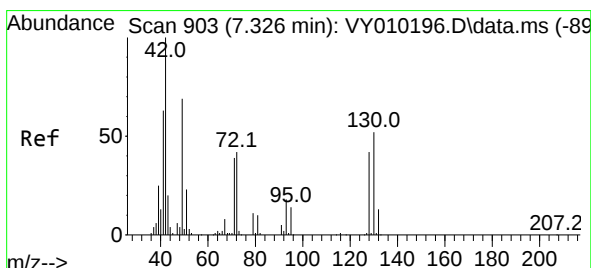
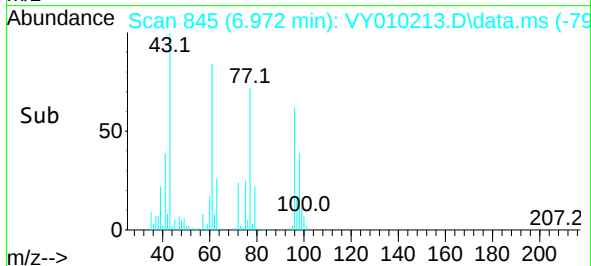
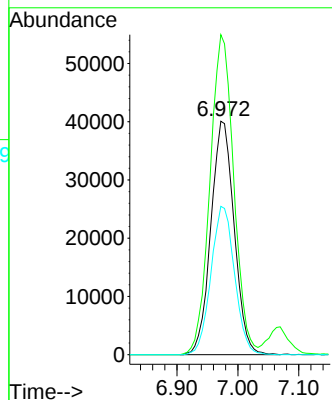
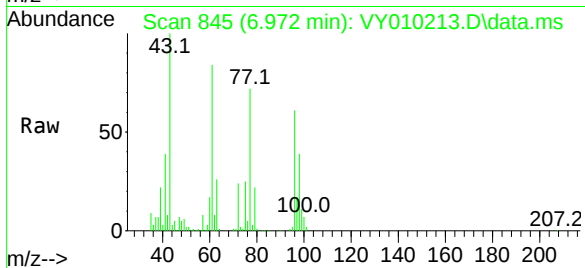
Tgt Ion: 96 Resp: 106634

Ion Ratio Lower Upper

96 100

61 139.9 0.0 319.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 52.837 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

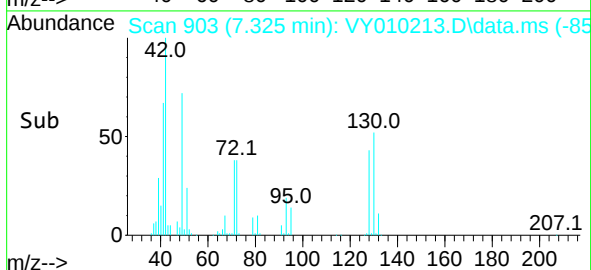
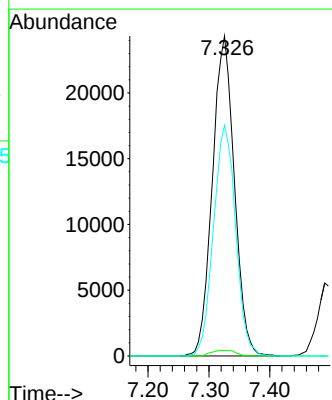
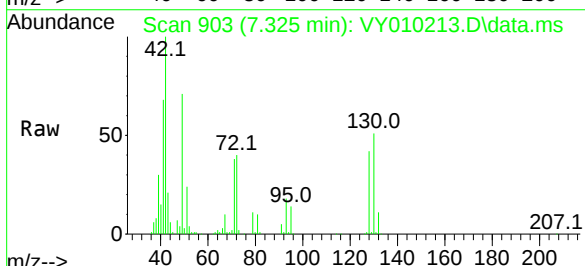
Tgt Ion: 49 Resp: 61018

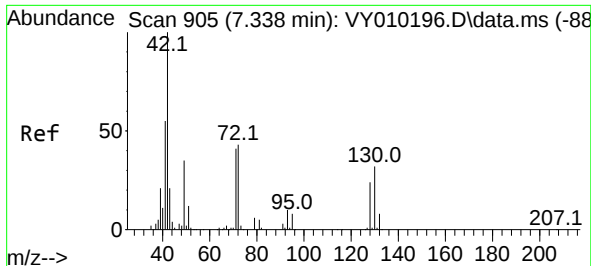
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 72.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 276.023 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

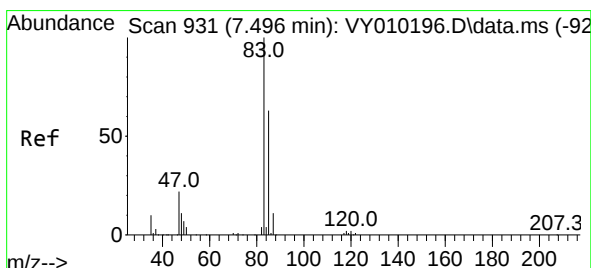
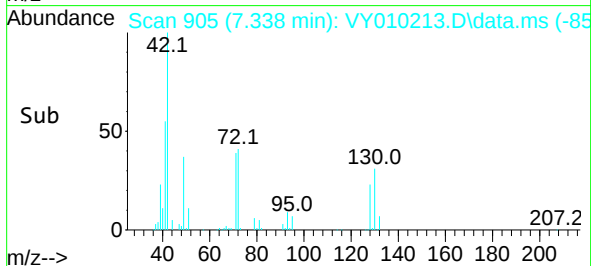
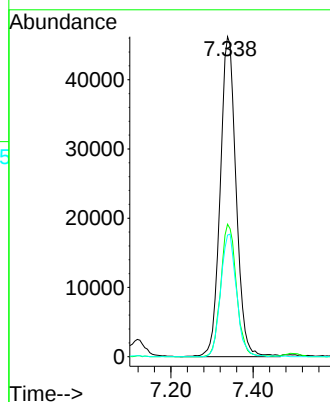
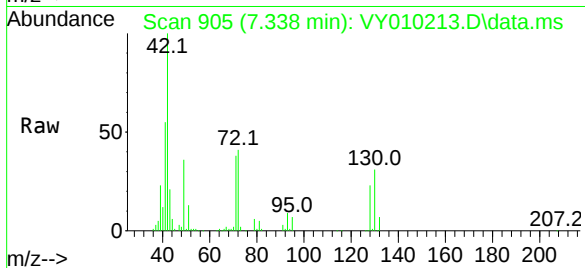
Tgt Ion: 42 Resp: 124128

Ion Ratio Lower Upper

42 100

72 40.8 30.3 45.5

71 38.0 29.0 43.4



#30

Chloroform

Concen: 49.816 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010213.D

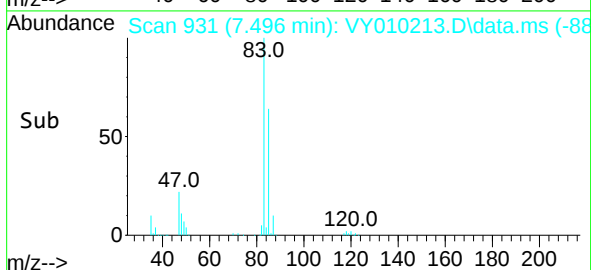
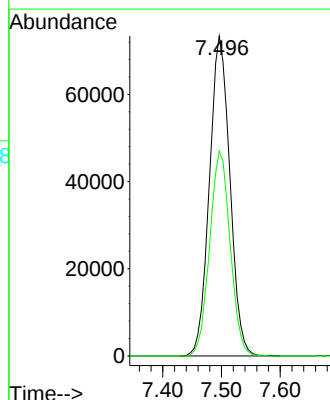
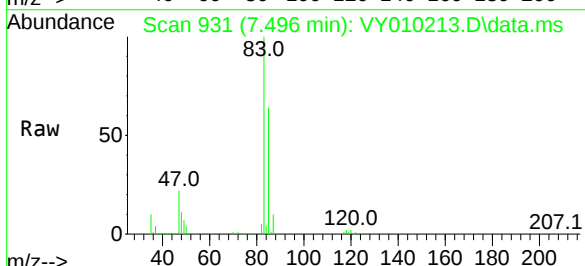
Acq: 25 Aug 2022 19:03

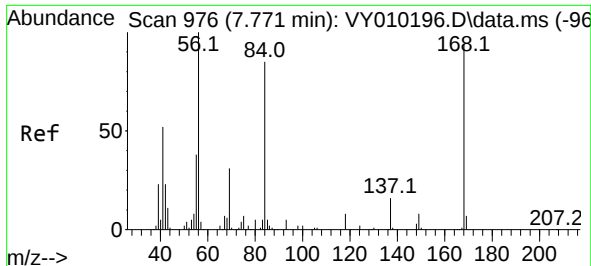
Tgt Ion: 83 Resp: 177518

Ion Ratio Lower Upper

83 100

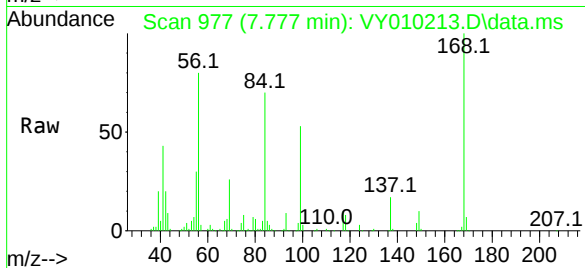
85 64.0 51.8 77.6



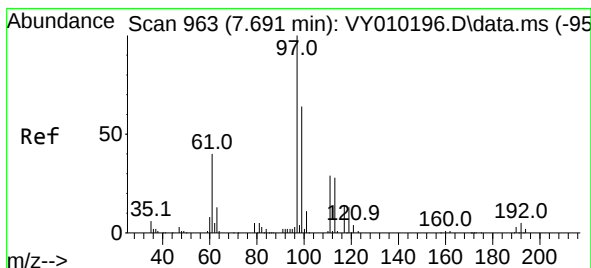
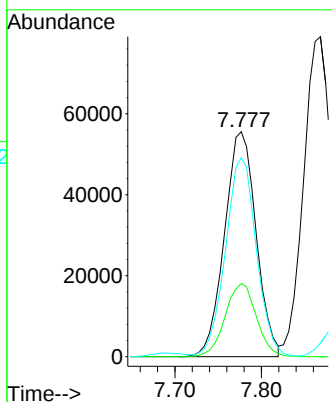
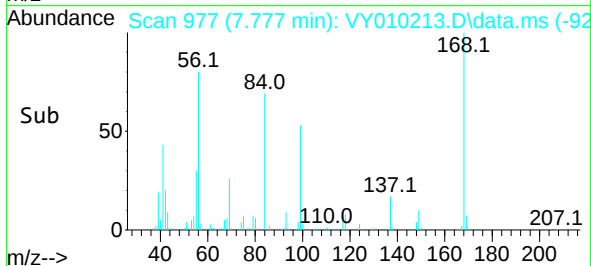


#31
Cyclohexane
Concen: 50.015 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

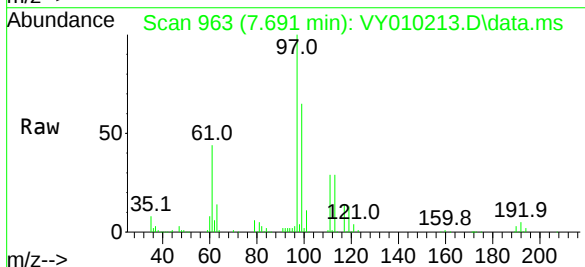
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



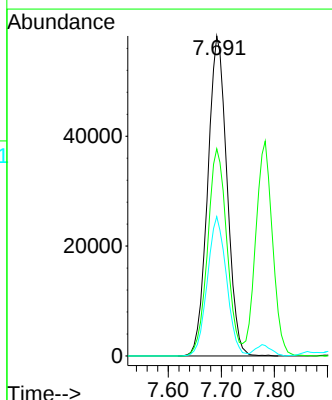
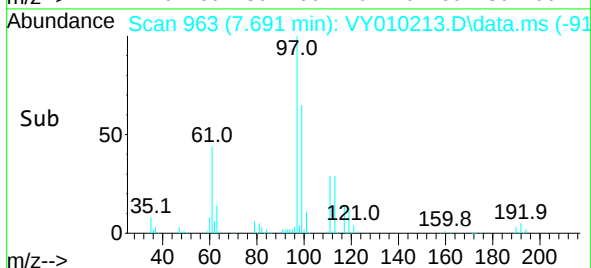
Tgt Ion: 56 Resp: 140776
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 87.0 67.2 100.8

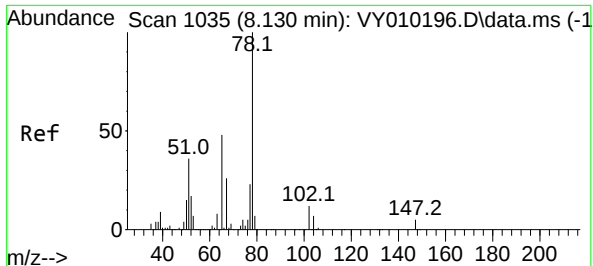


#32
1,1,1-Trichloroethane
Concen: 49.091 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03



Tgt Ion: 97 Resp: 146900
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 43.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.071 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

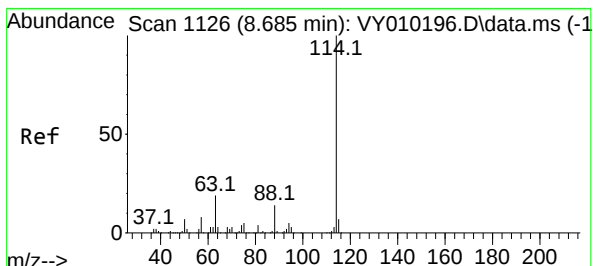
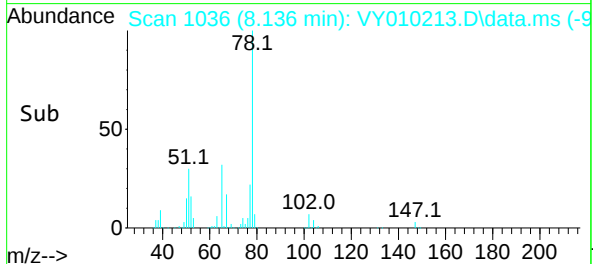
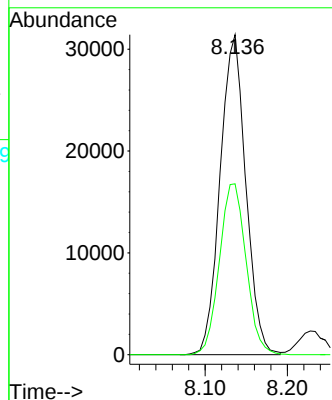
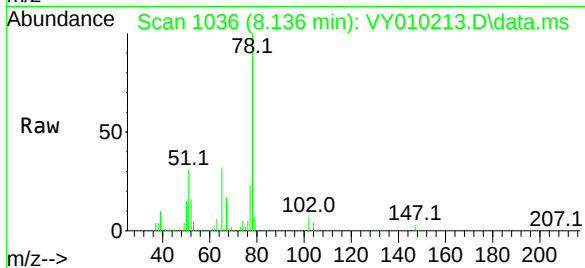
VSTDCCC050EC

Tgt Ion: 65 Resp: 68133

Ion Ratio Lower Upper

65 100

67 55.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

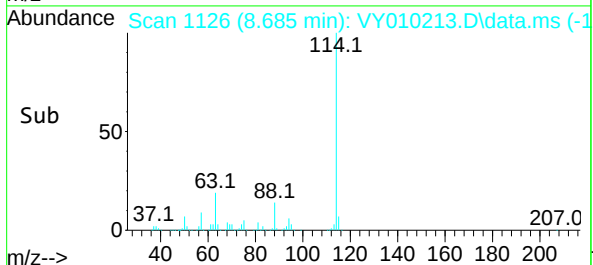
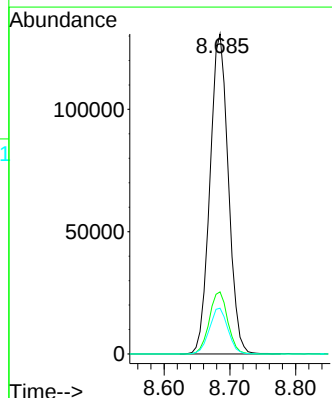
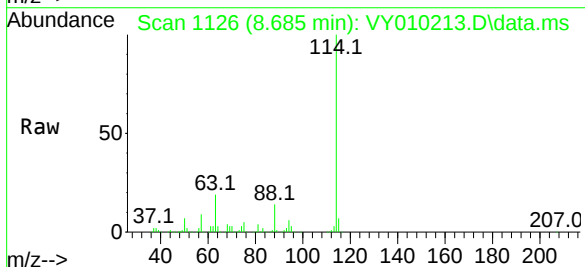
Tgt Ion: 114 Resp: 254319

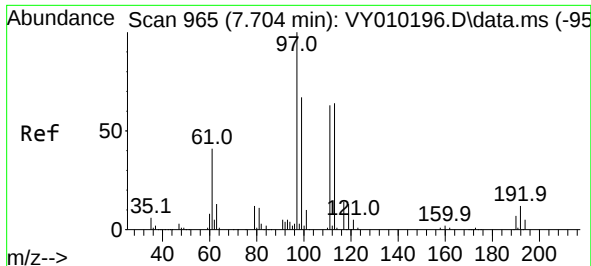
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.3 0.0 31.8

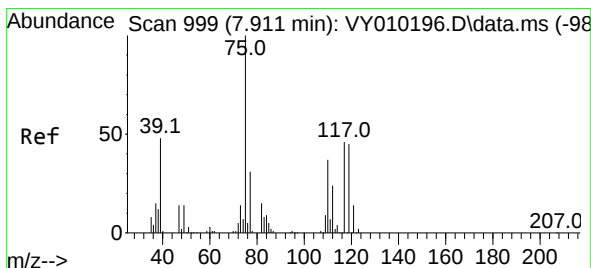
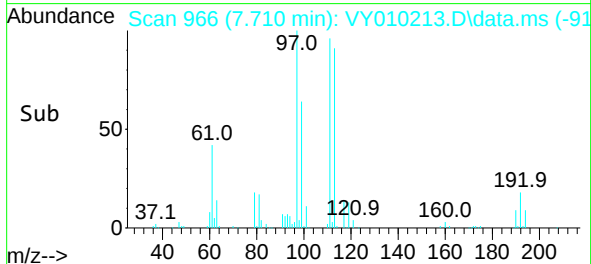
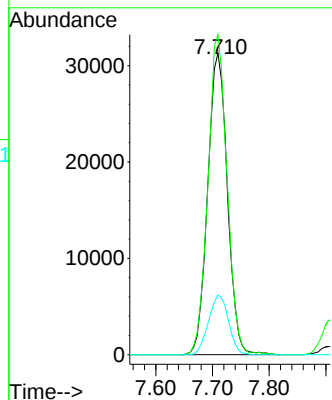
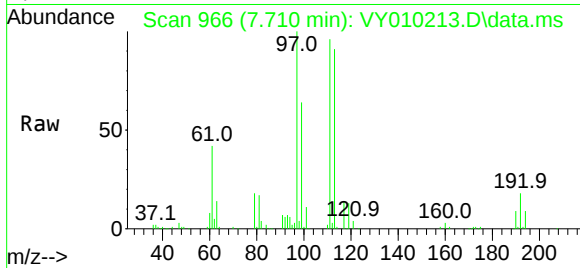




#35
Dibromofluoromethane
Concen: 45.211 ug/l
RT: 7.710 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

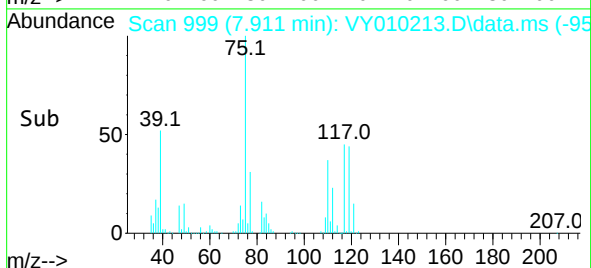
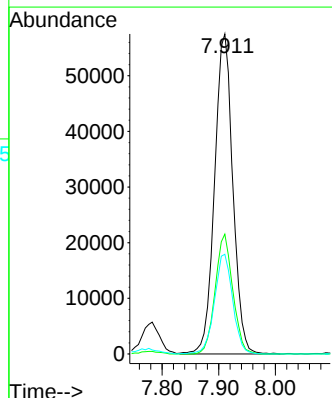
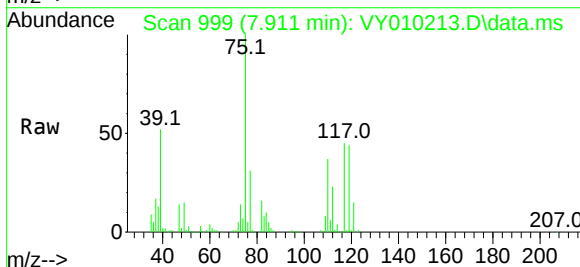
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

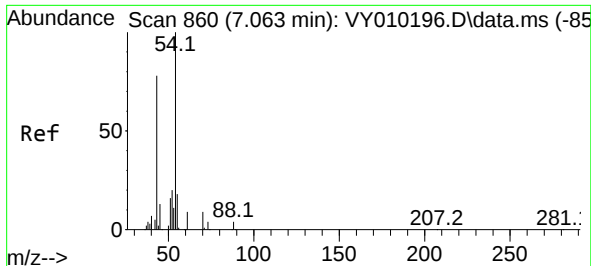
Tgt Ion:113 Resp: 75387
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.441 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 75 Resp: 128605
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 31.2 24.4 36.6

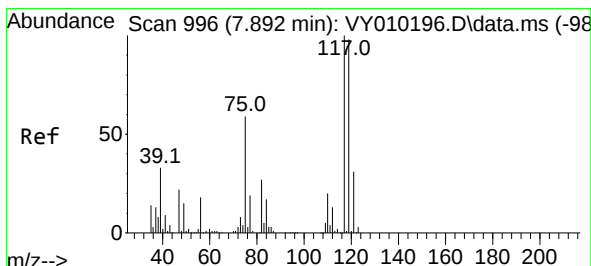
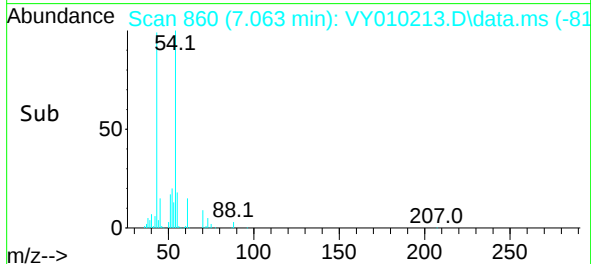
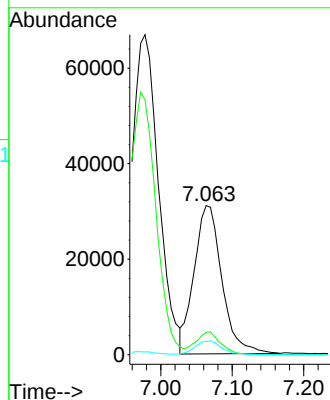
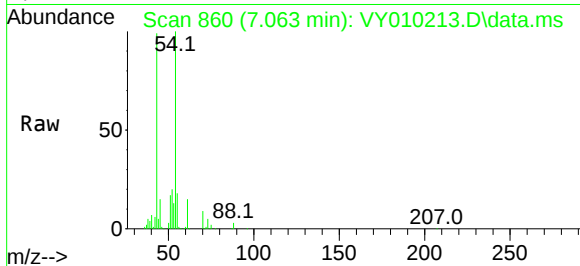




#37
Ethyl Acetate
Concen: 53.430 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

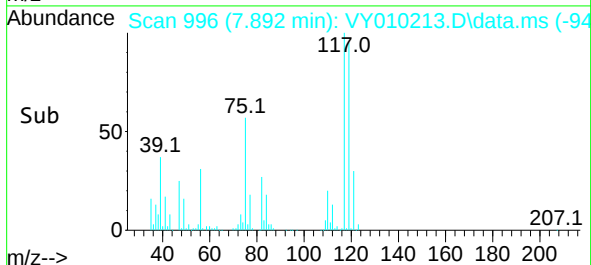
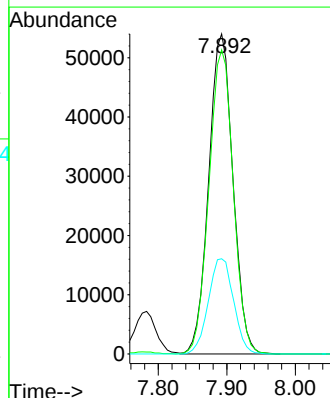
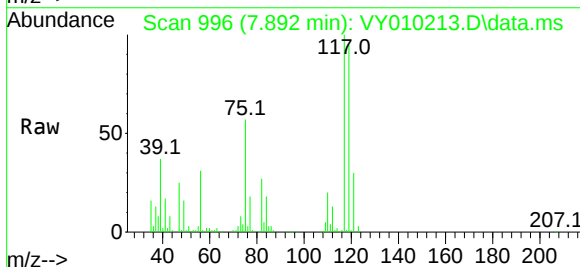
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

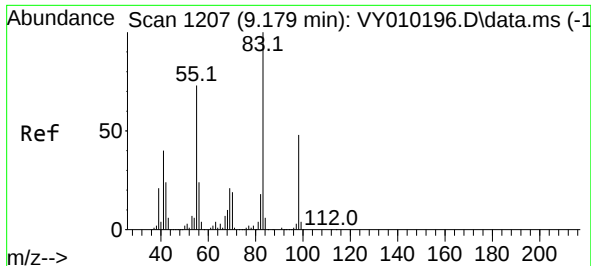
Tgt Ion: 43 Resp: 83755
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.053 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 117 Resp: 132612
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 27.195 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

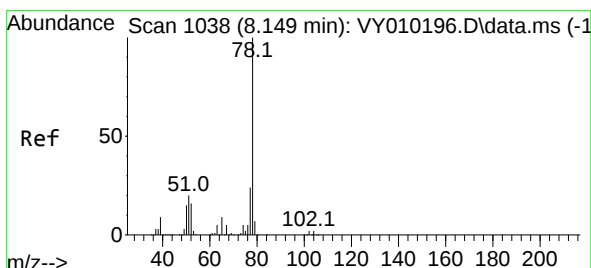
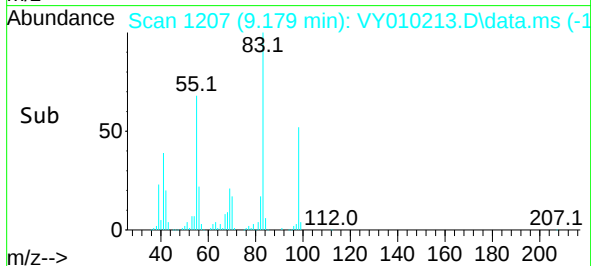
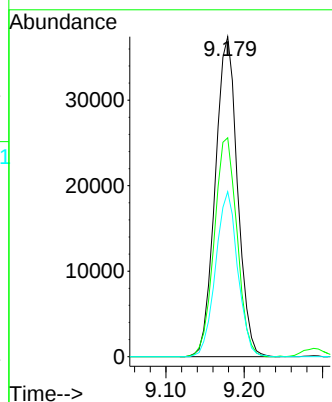
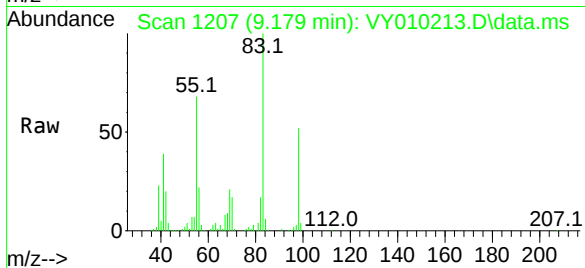
Tgt Ion: 83 Resp: 73962

Ion Ratio Lower Upper

83 100

55 68.4 66.5 99.7

98 51.6 37.9 56.9



#40

Benzene

Concen: 51.008 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY010213.D

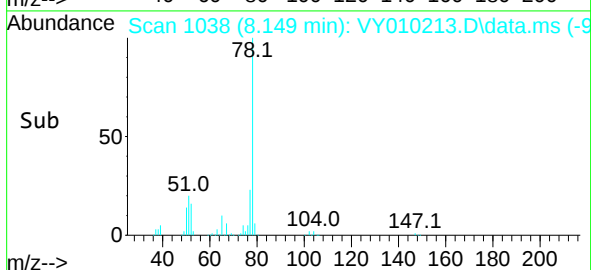
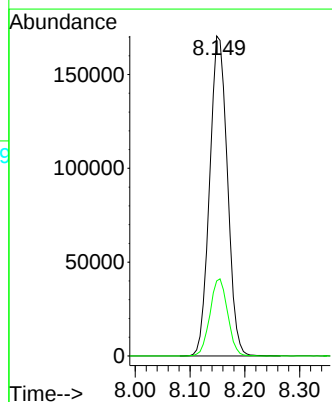
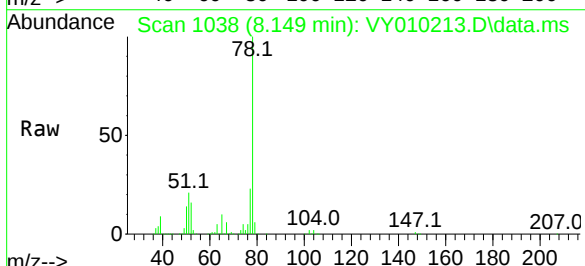
Acq: 25 Aug 2022 19:03

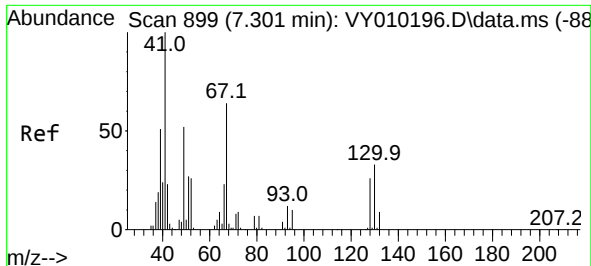
Tgt Ion: 78 Resp: 382870

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

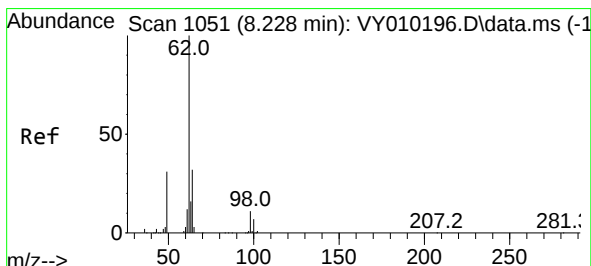
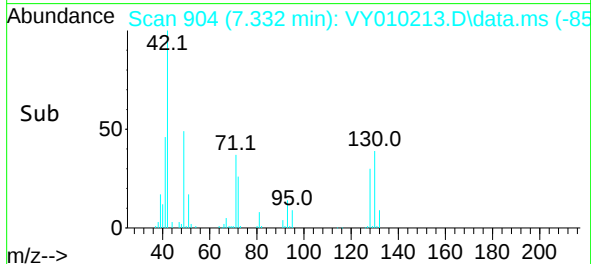
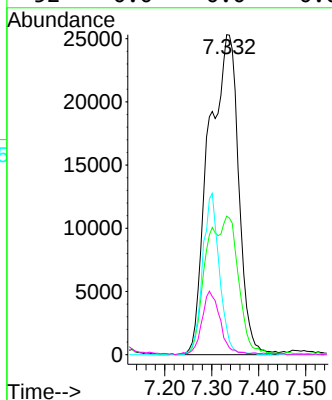
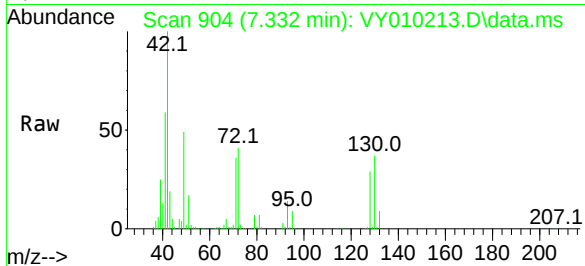




#41
Methacrylonitrile
Concen: 142.512 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

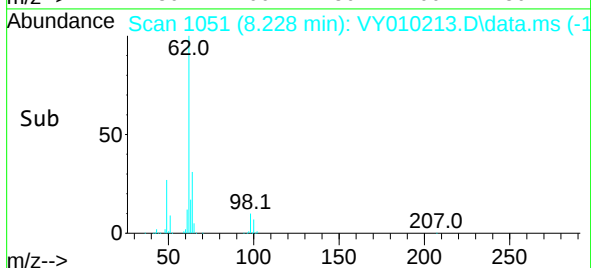
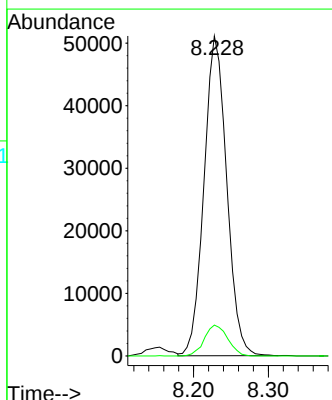
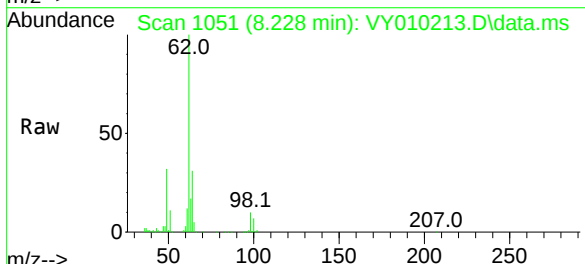
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

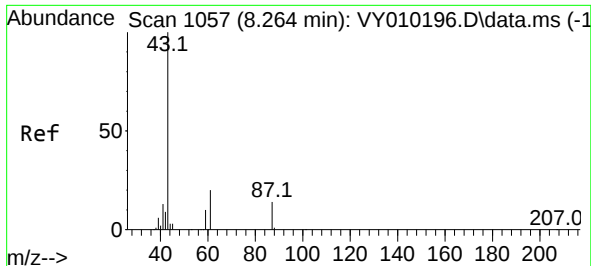
Tgt Ion: 41 Resp: 111471
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.697 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 62 Resp: 107859
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

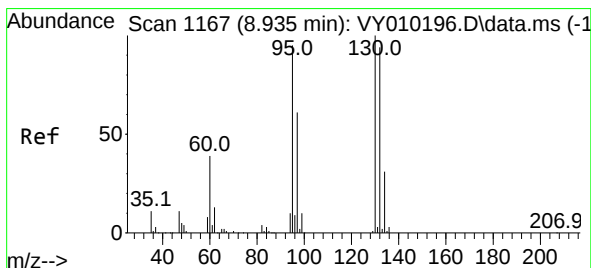
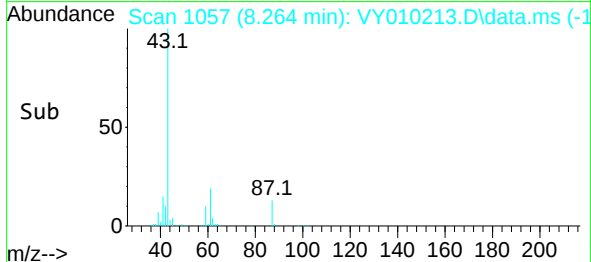
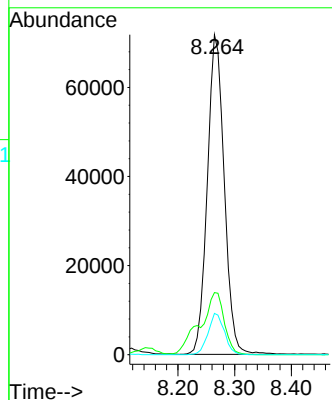
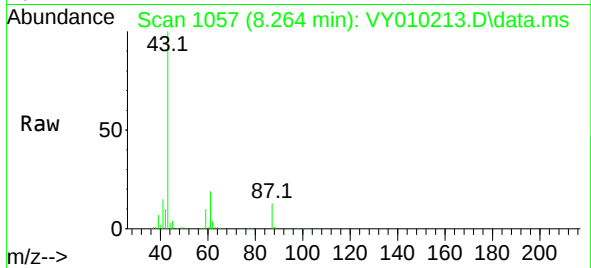




#43
Isopropyl Acetate
Concen: 54.668 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

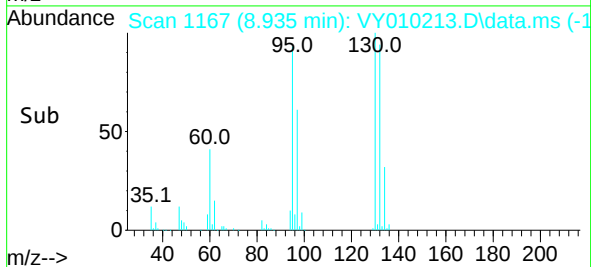
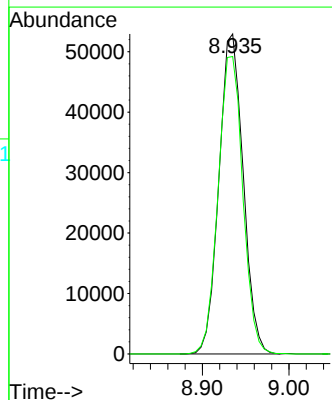
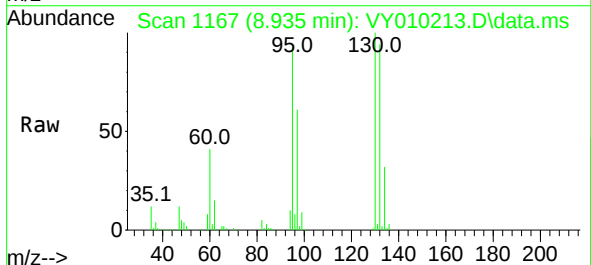
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

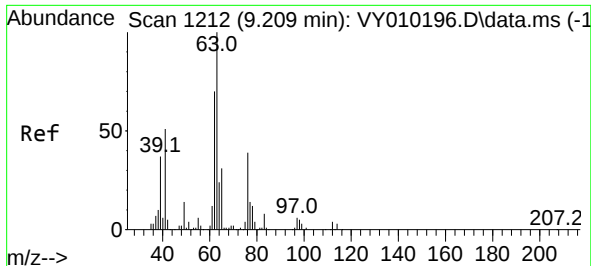
Tgt Ion: 43 Resp: 149130
Ion Ratio Lower Upper
43 100
61 27.9 20.2 30.2
87 12.4 8.9 13.3



#44
Trichloroethene
Concen: 49.698 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 130 Resp: 102953
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 25.055 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

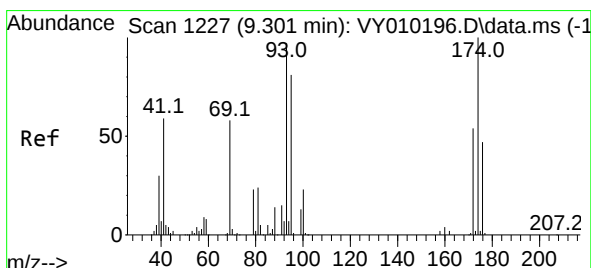
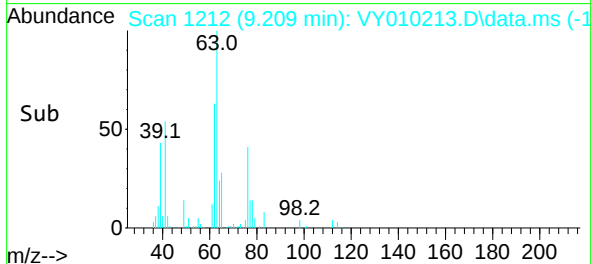
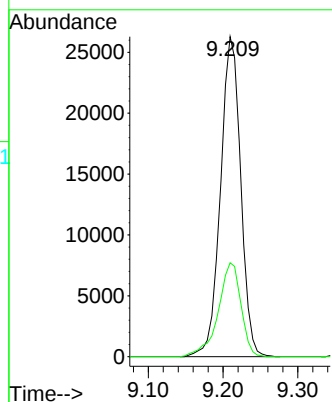
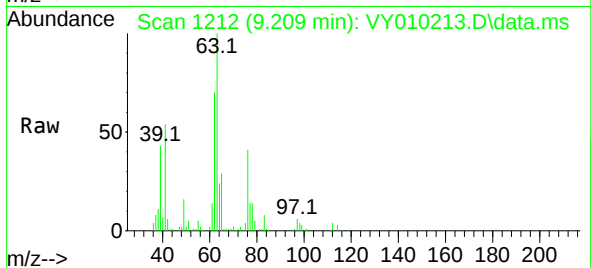
VSTDCCC050EC

Tgt Ion: 63 Resp: 49399

Ion Ratio Lower Upper

63 100

65 29.3 23.0 34.6



#46

Dibromomethane

Concen: 25.922 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

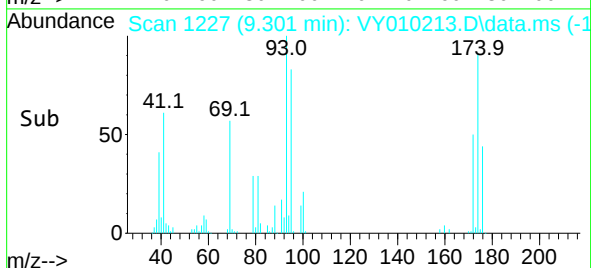
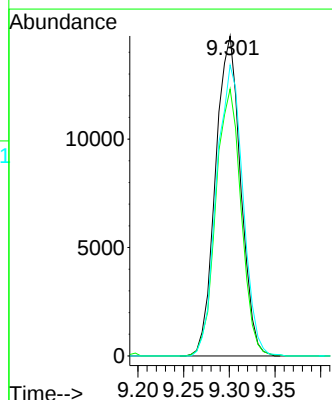
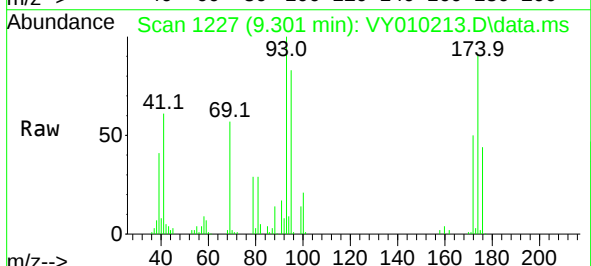
Tgt Ion: 93 Resp: 28194

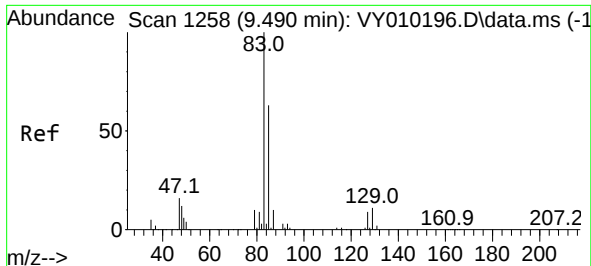
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 95.3 83.4 125.0

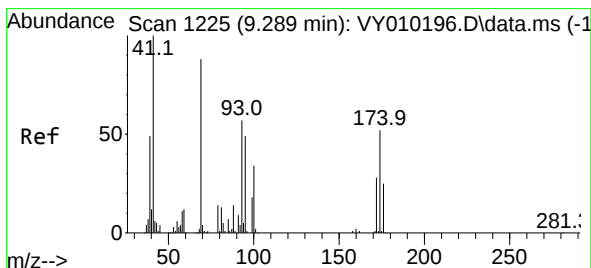
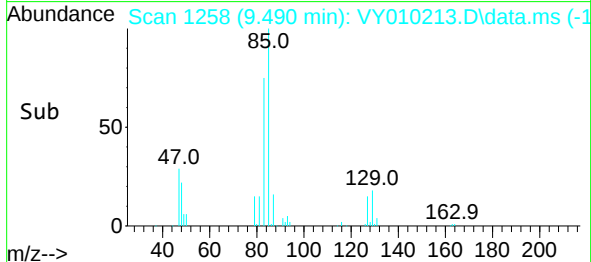
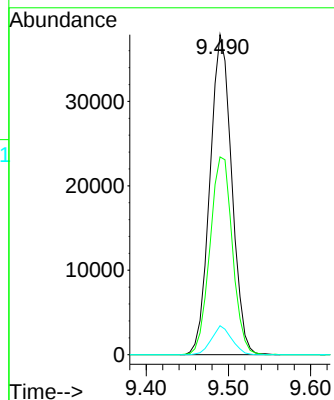
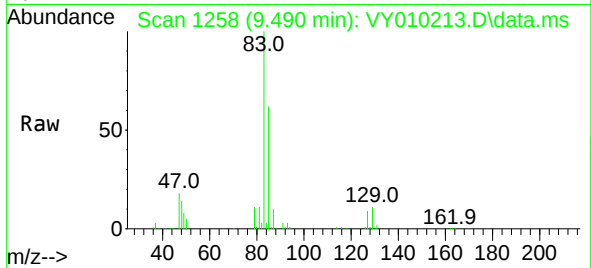




#47
Bromodichloromethane
Concen: 26.065 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

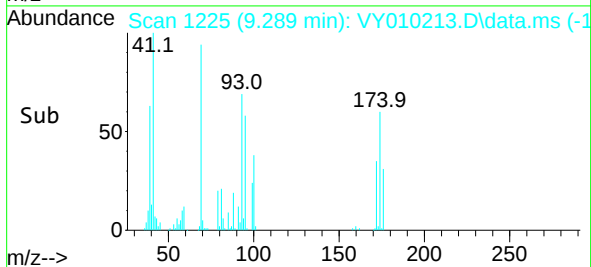
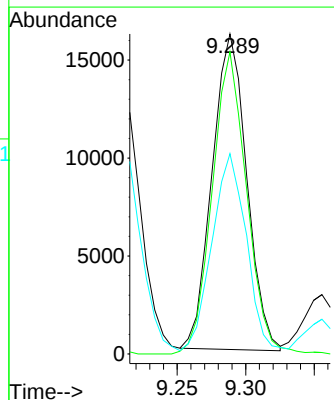
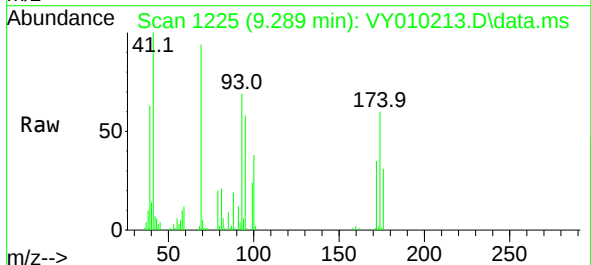
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

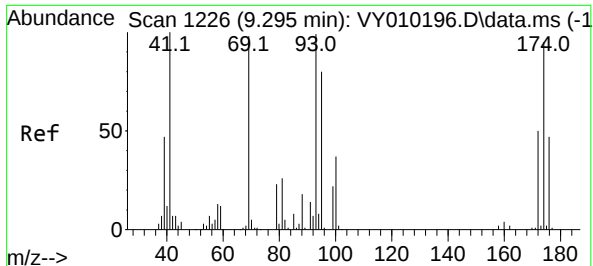
Tgt Ion: 83 Resp: 69776
Ion Ratio Lower Upper
83 100
85 61.8 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 24.099 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 41 Resp: 28257
Ion Ratio Lower Upper
41 100
69 95.2 58.2 87.2#
39 64.2 47.4 71.0





#49

1,4-Dioxane

Concen: 489.586 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

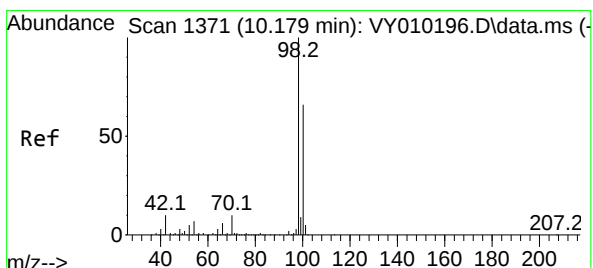
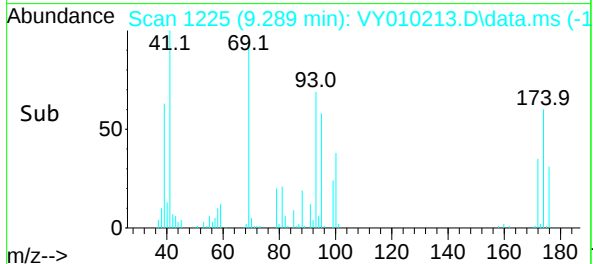
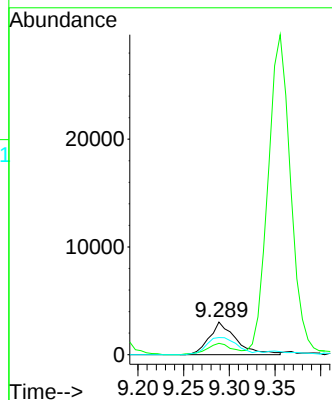
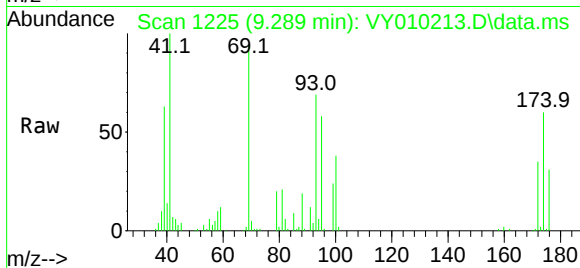
Tgt Ion: 88 Resp: 6193

Ion Ratio Lower Upper

88 100

43 32.8 32.8 49.2

58 62.3 59.8 89.6



#50

Toluene-d8

Concen: 21.199 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY010213.D

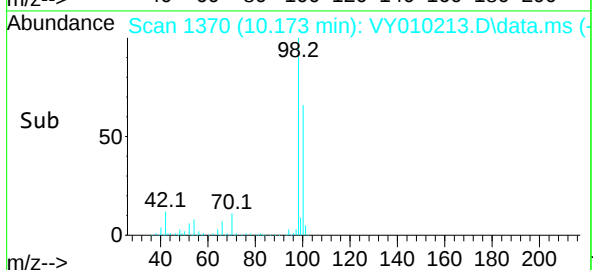
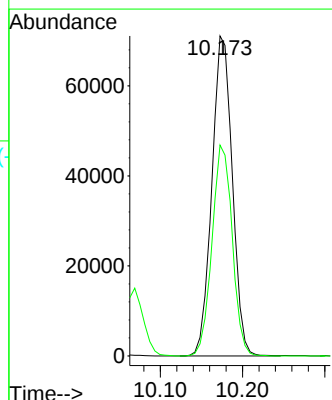
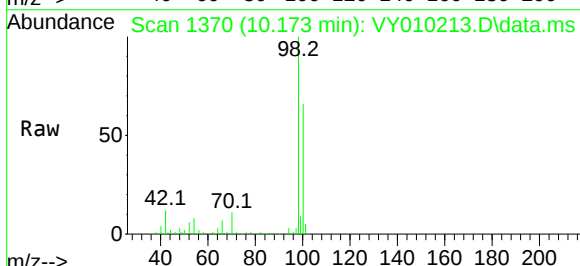
Acq: 25 Aug 2022 19:03

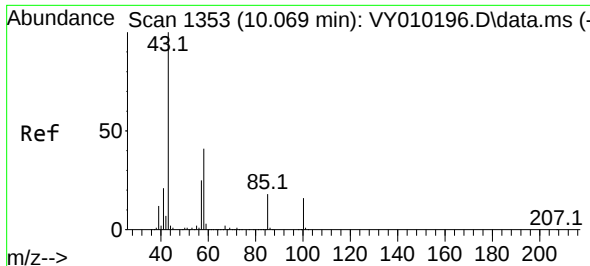
Tgt Ion: 98 Resp: 122673

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

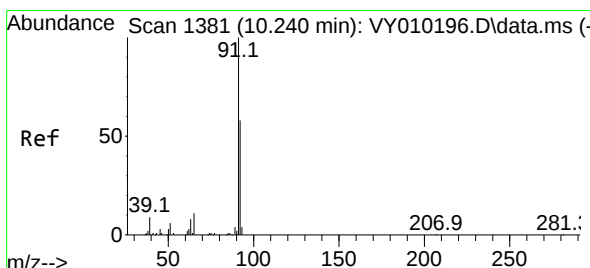
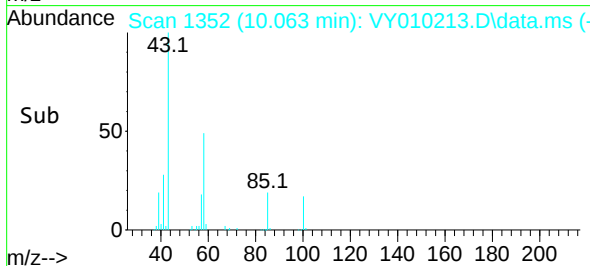
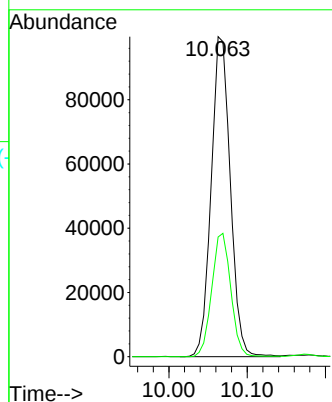
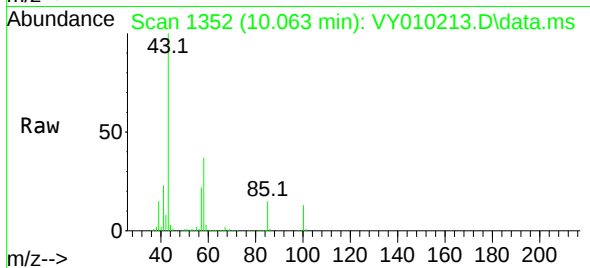




#51
4-Methyl-2-Pentanone
Concen: 113.310 ug/l
RT: 10.063 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

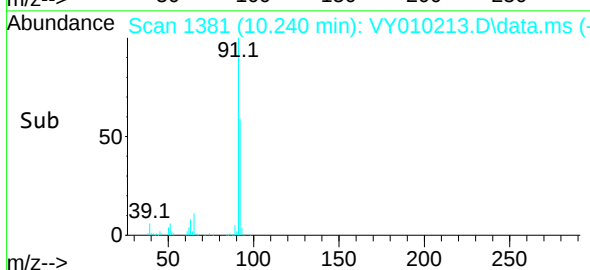
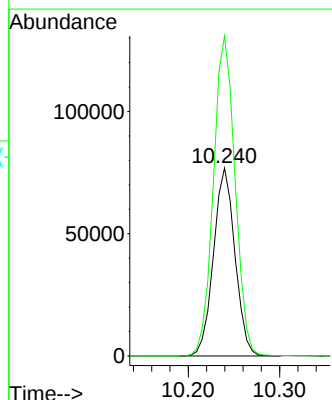
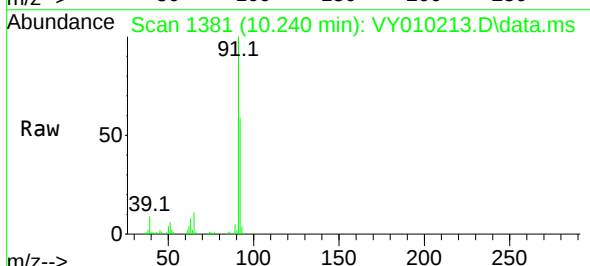
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

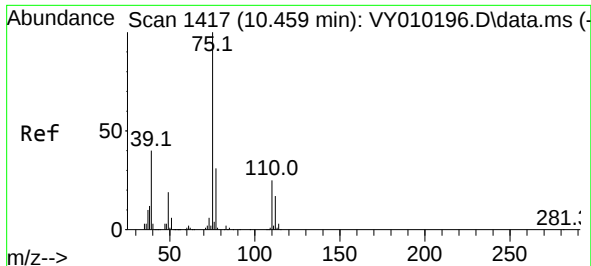
Tgt Ion: 43 Resp: 169313
Ion Ratio Lower Upper
43 100
58 38.3 28.1 42.1



#52
Toluene
Concen: 26.616 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 92 Resp: 125145
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

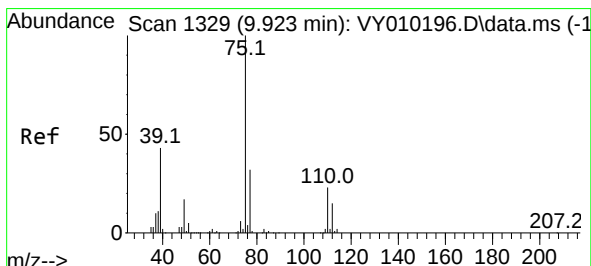
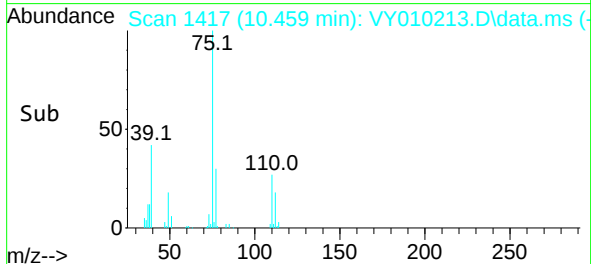
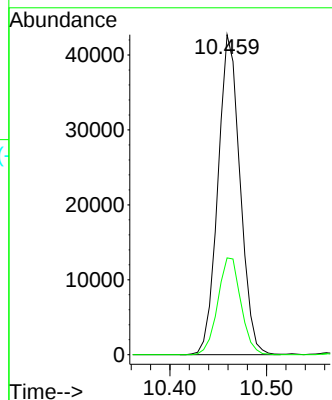
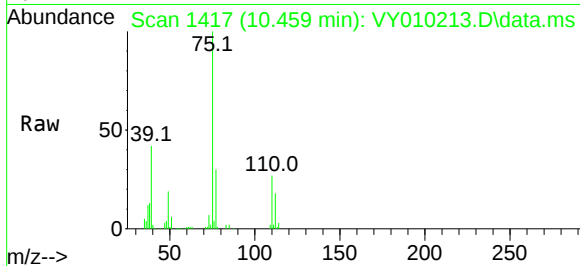




#53
t-1,3-Dichloropropene
Concen: 25.521 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

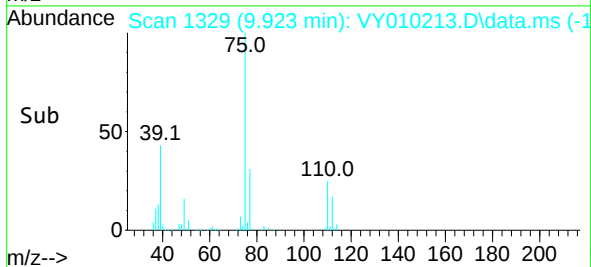
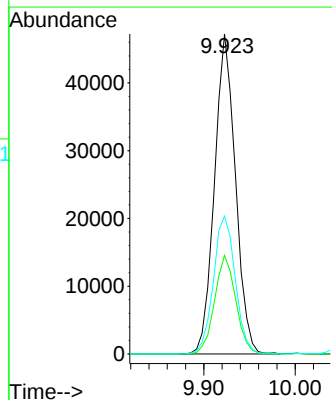
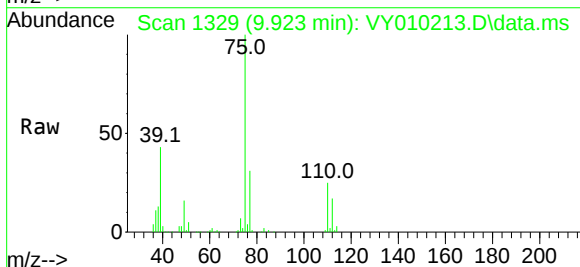
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

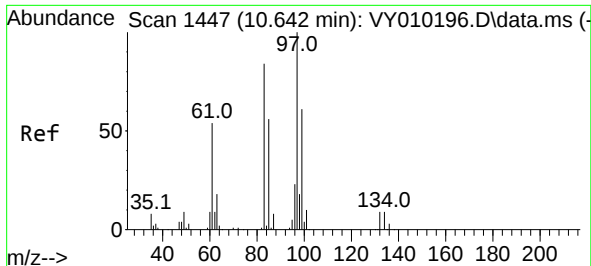
Tgt Ion: 75 Resp: 67693
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 24.463 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 75 Resp: 75170
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
39 43.1 47.6 71.4#

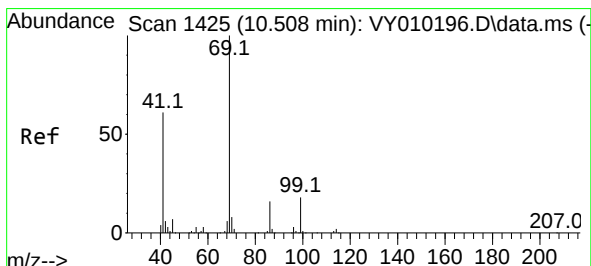
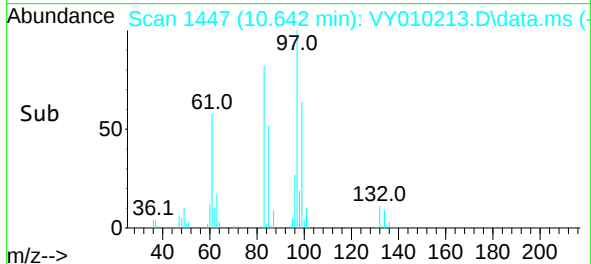
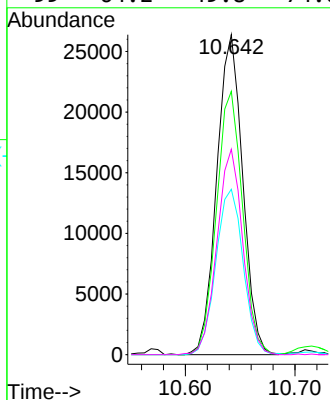
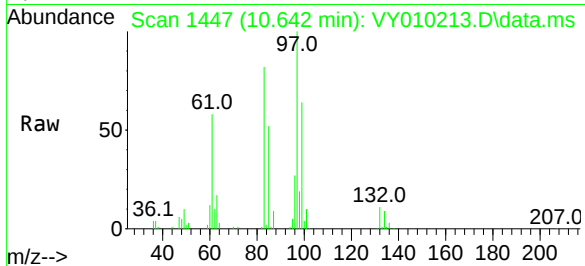




#55
1,1,2-Trichloroethane
Concen: 26.282 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

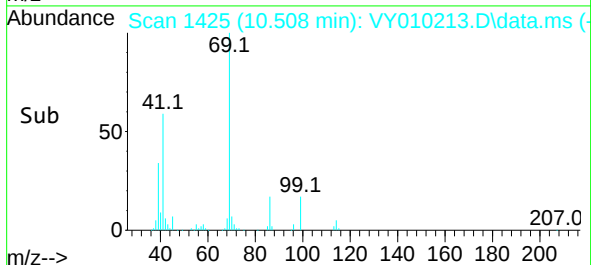
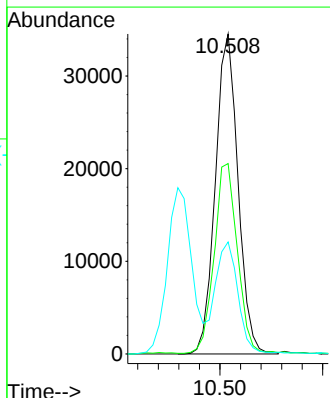
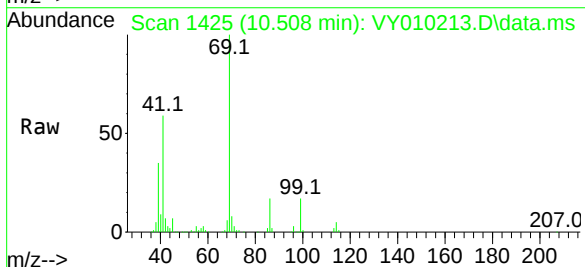
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

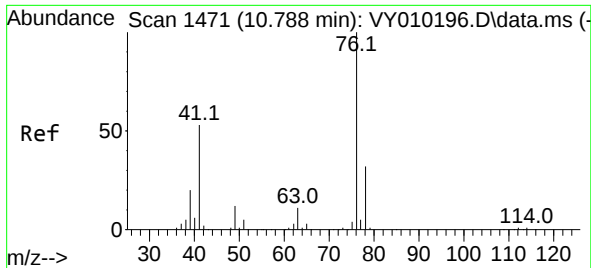
Tgt Ion: 97	Resp: 43370
Ion Ratio	Lower Upper
97 100	
83 82.3	69.8 104.8
85 51.7	44.3 66.5
99 64.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 26.155 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 69	Resp: 52703
Ion Ratio	Lower Upper
69 100	
41 60.7	63.4 95.0#
39 35.6	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 25.818 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

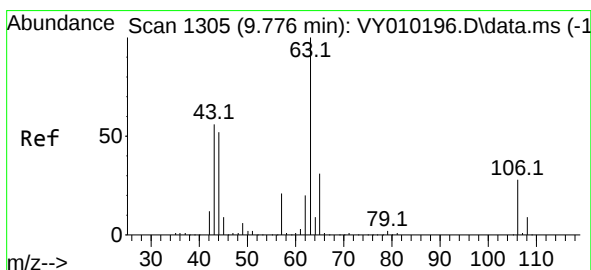
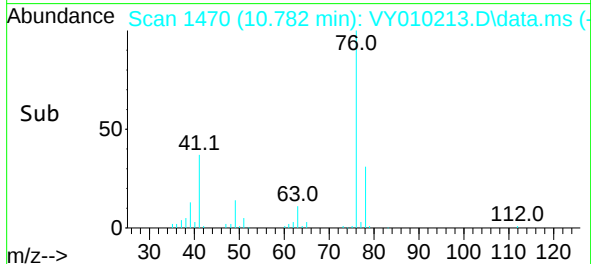
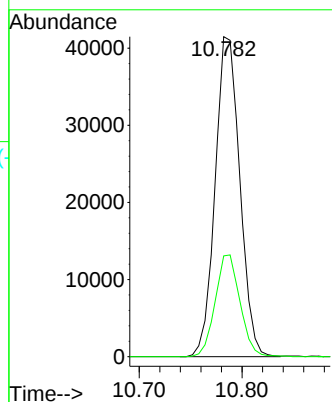
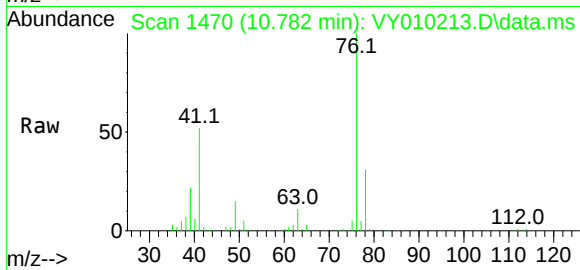
VSTDCCC050EC

Tgt Ion: 76 Resp: 69138

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.519 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010213.D

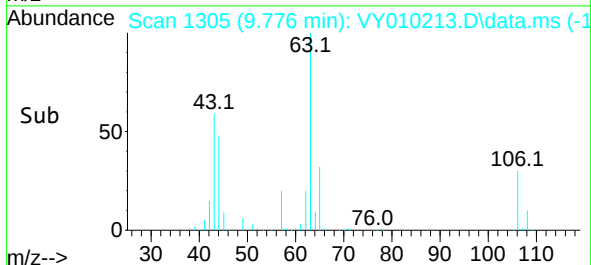
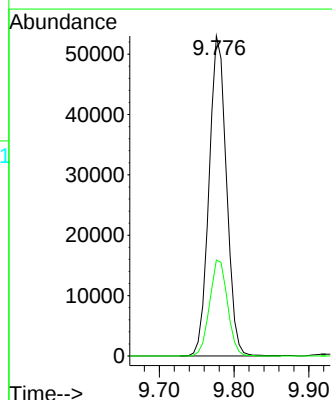
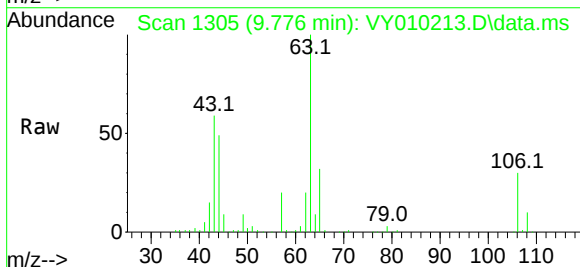
Acq: 25 Aug 2022 19:03

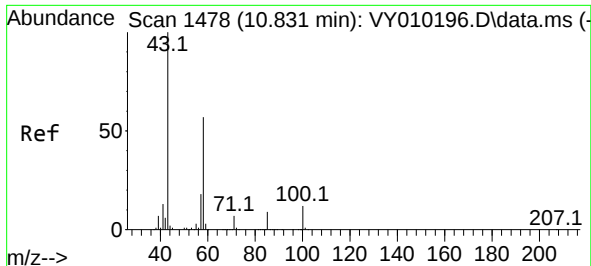
Tgt Ion: 63 Resp: 85673

Ion Ratio Lower Upper

63 100

106 30.7 21.5 32.3

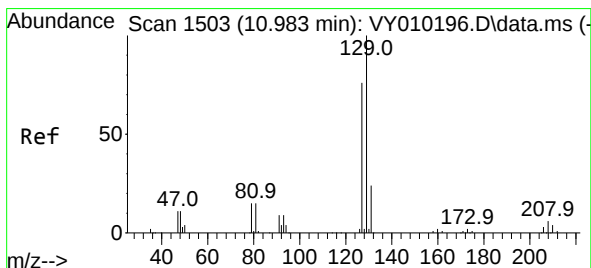
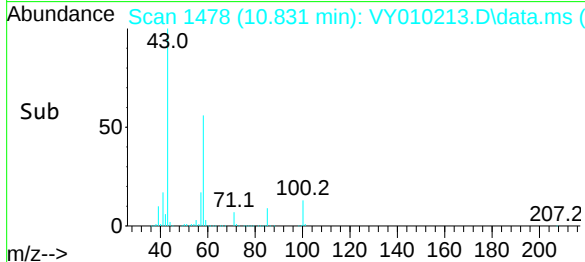
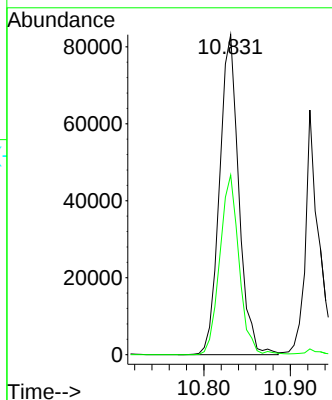
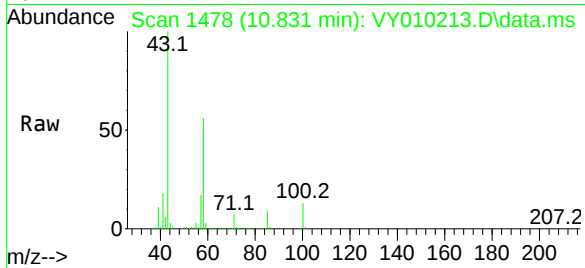




#59
2-Hexanone
Concen: 127.228 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

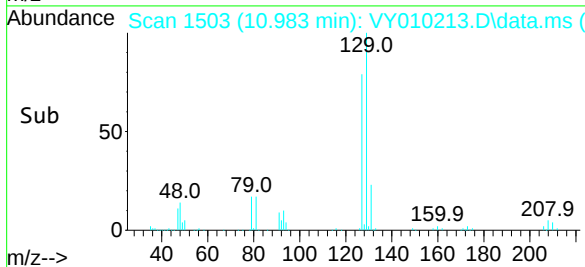
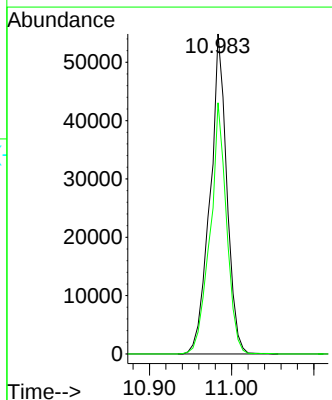
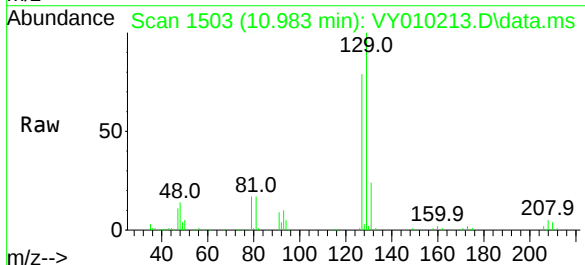
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

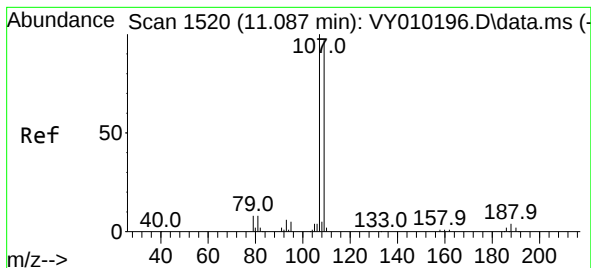
Tgt Ion: 43 Resp: 128668
Ion Ratio Lower Upper
43 100
58 56.1 24.4 73.4



#60
Dibromochloromethane
Concen: 40.047 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 129 Resp: 77914
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

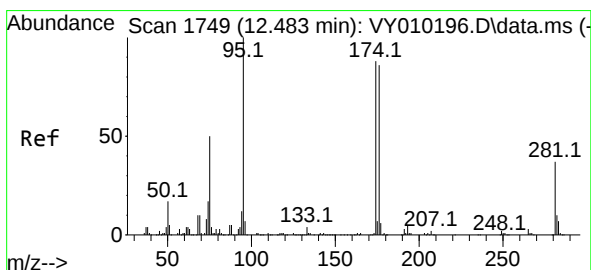
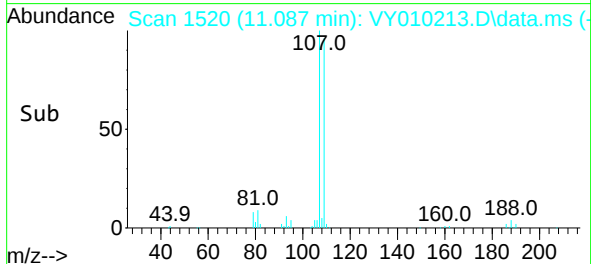
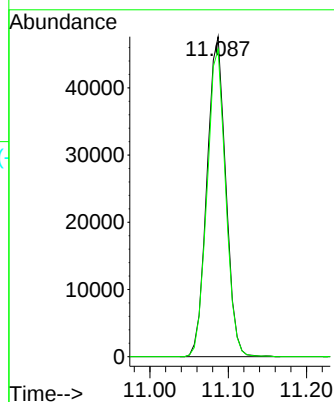
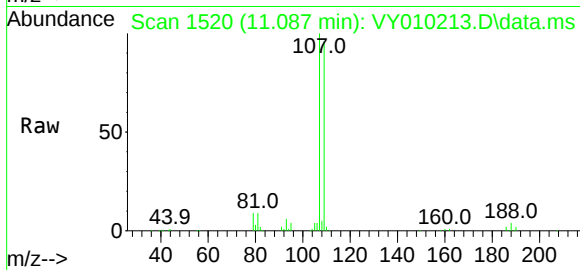




#61
1,2-Dibromoethane
Concen: 52.249 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

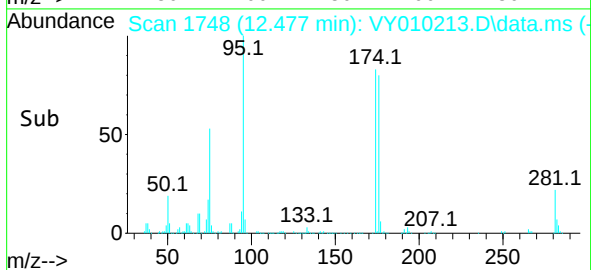
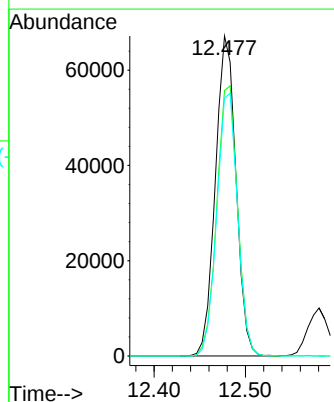
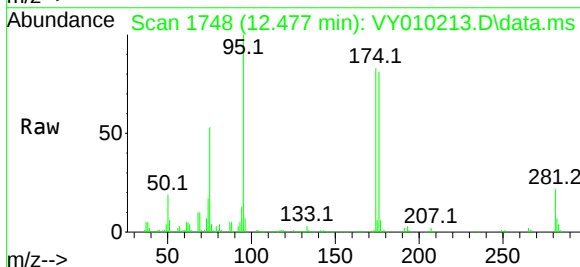
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

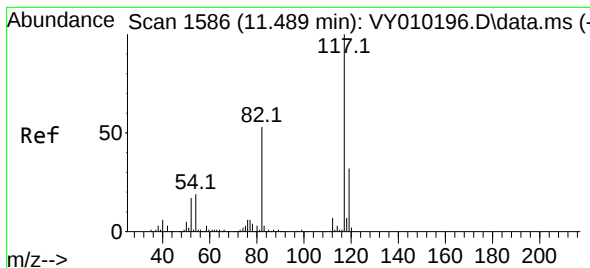
Tgt Ion:107 Resp: 79311
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 95 Resp: 105115
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

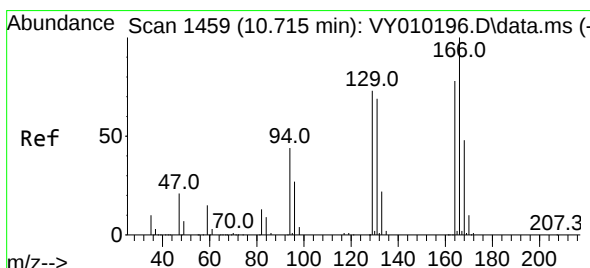
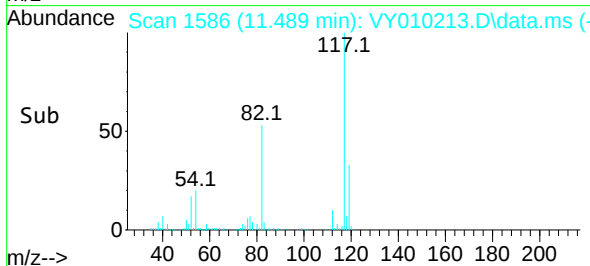
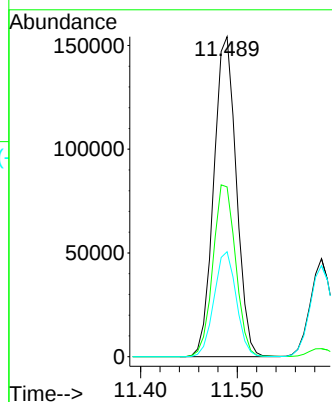
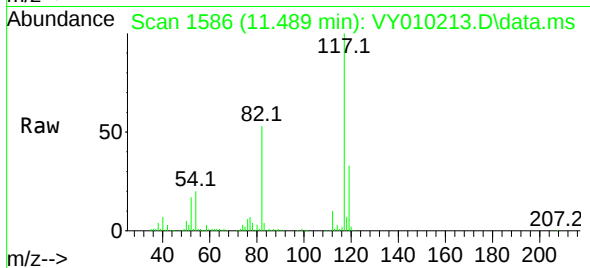
Tgt Ion:117 Resp: 249201

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.4

119 32.8 25.4 38.0



#64

Tetrachloroethene

Concen: 29.430 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Tgt Ion:164 Resp: 60393

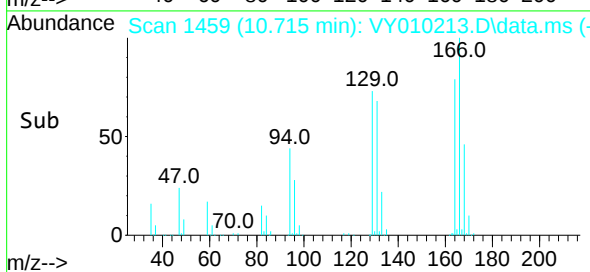
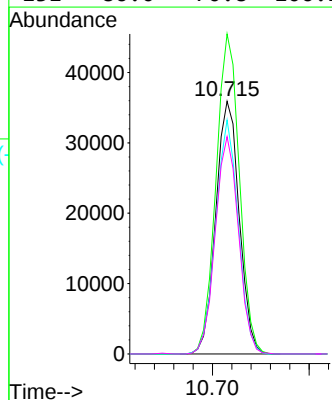
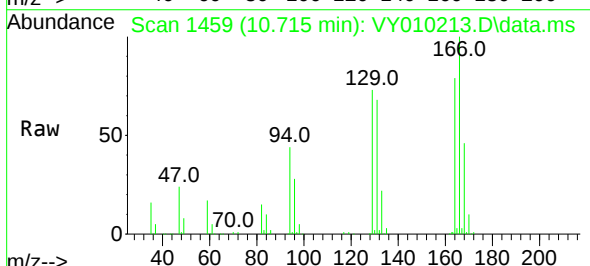
Ion Ratio Lower Upper

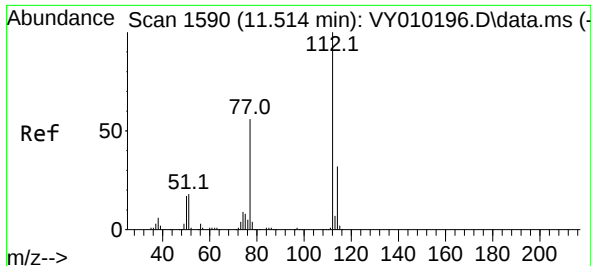
164 100

166 126.6 100.4 150.6

129 92.6 71.4 107.0

131 86.0 70.8 106.2

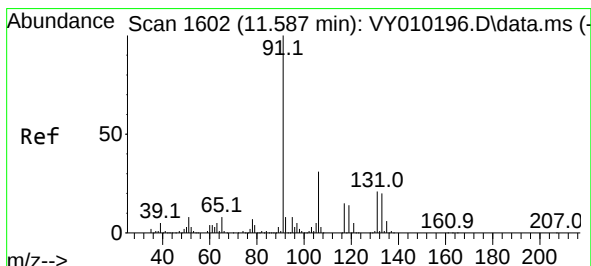
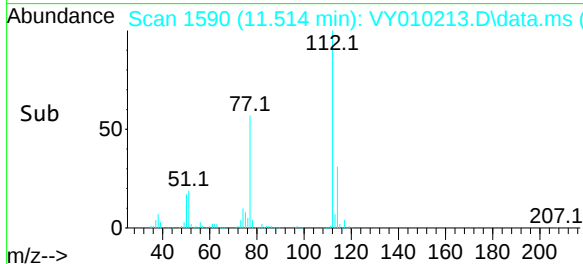
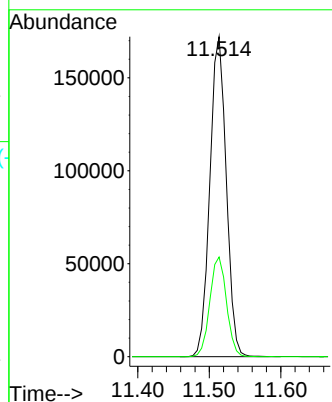
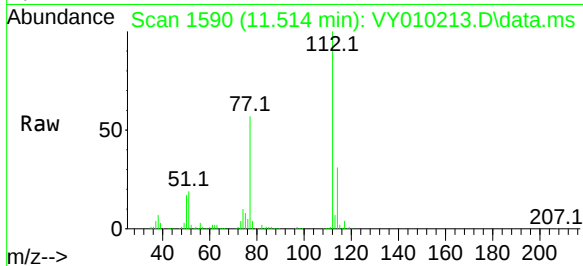




#65
Chlorobenzene
Concen: 50.517 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

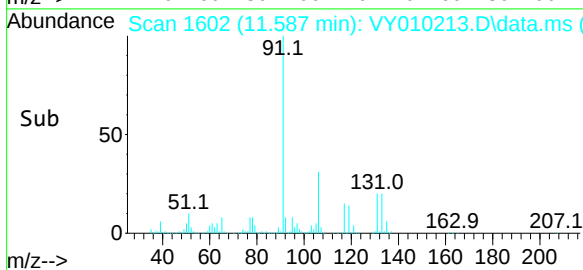
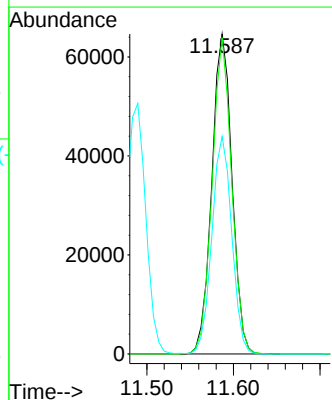
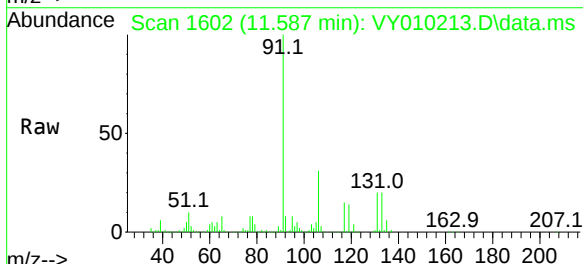
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

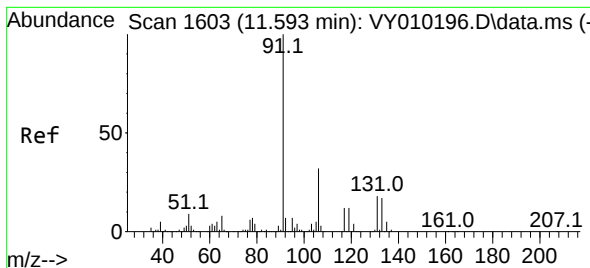
Tgt Ion:112 Resp: 274346
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.526 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion:131 Resp: 104523
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 67.1 30.8 92.3





#67

Ethyl Benzene

Concen: 52.894 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

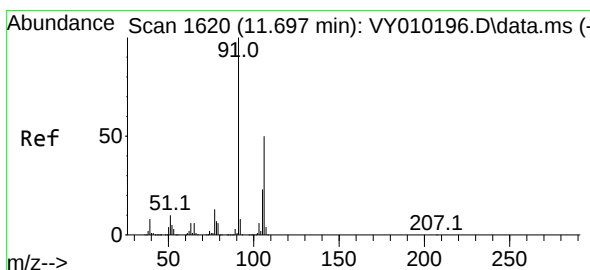
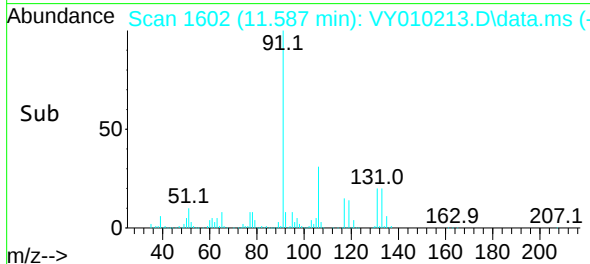
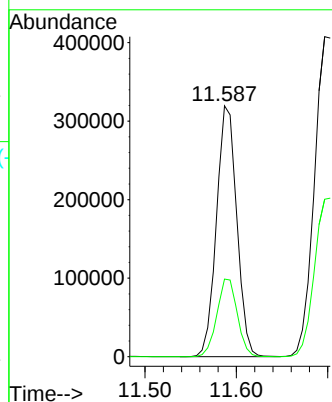
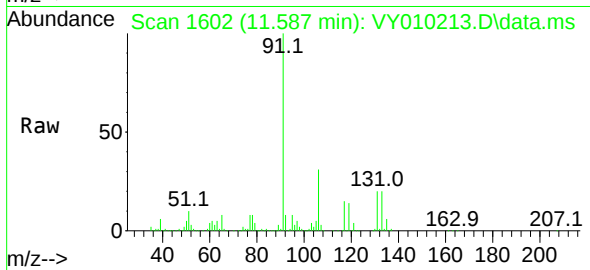
VSTDCCC050EC

Tgt Ion: 91 Resp: 493688

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 106.373 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010213.D

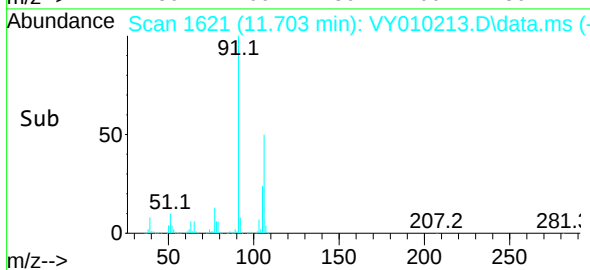
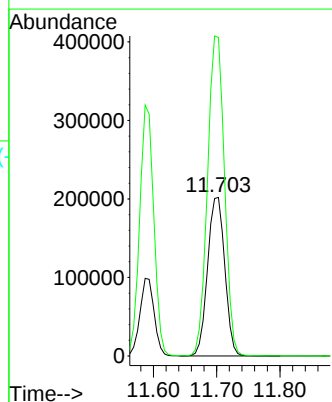
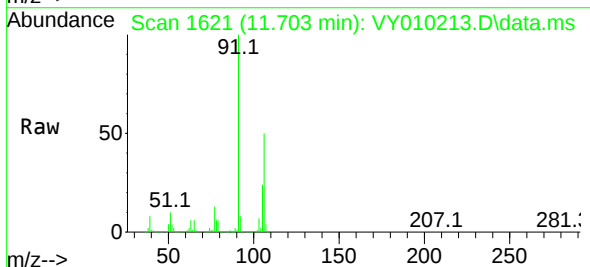
Acq: 25 Aug 2022 19:03

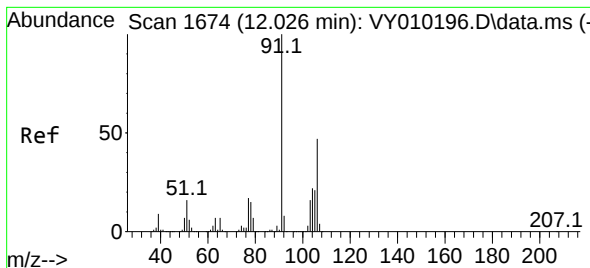
Tgt Ion:106 Resp: 381216

Ion Ratio Lower Upper

106 100

91 199.4 166.6 249.8

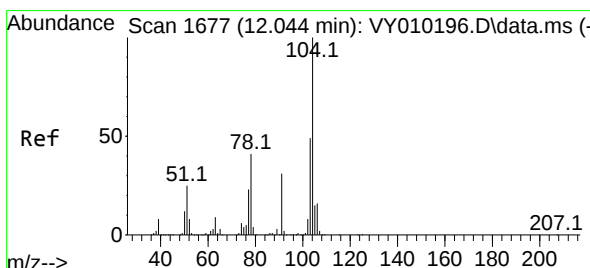
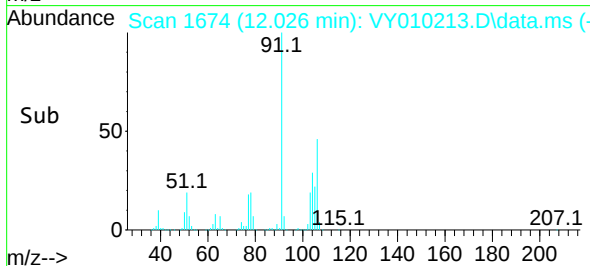
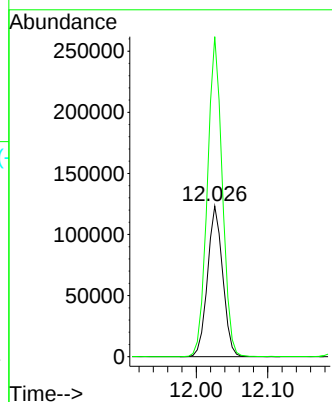
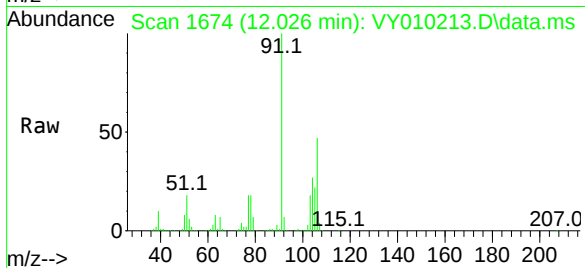




#69
o-Xylene
Concen: 53.102 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

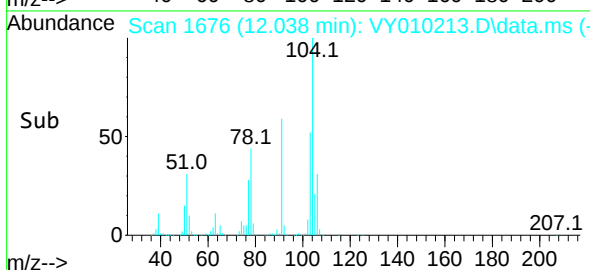
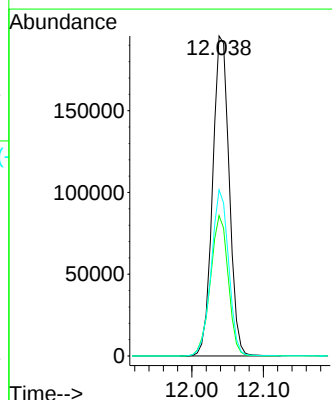
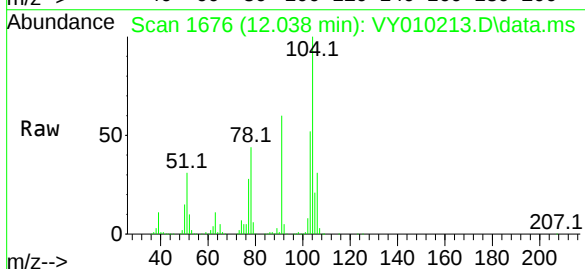
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

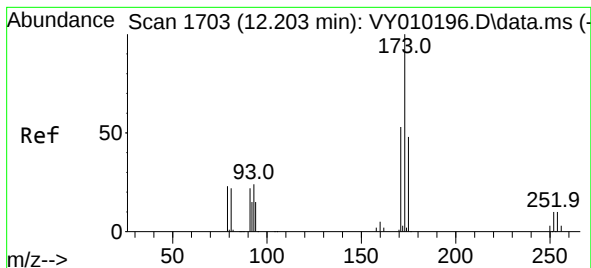
Tgt Ion:106 Resp: 181633
Ion Ratio Lower Upper
106 100
91 209.2 110.3 331.0



#70
Styrene
Concen: 53.808 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion:104 Resp: 315052
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.6 44.4 66.6





#71

Bromoform

Concen: 50.558 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

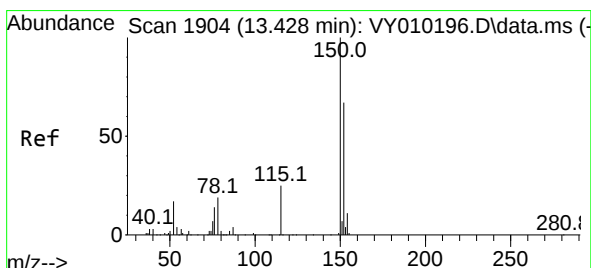
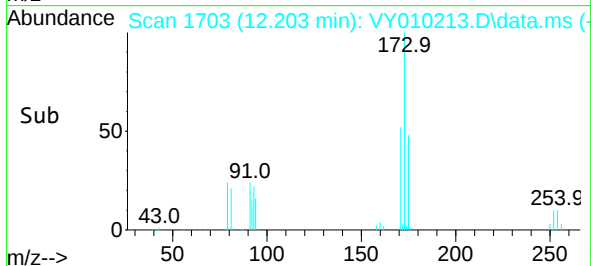
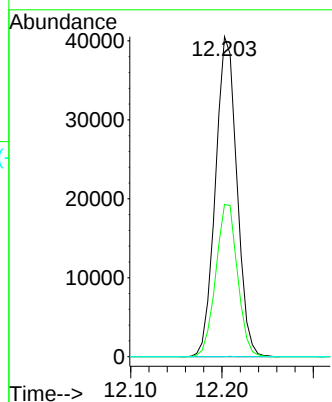
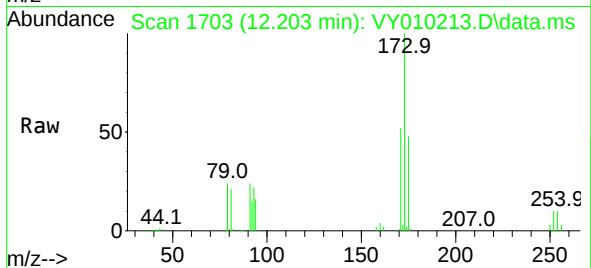
Tgt Ion:173 Resp: 66029

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

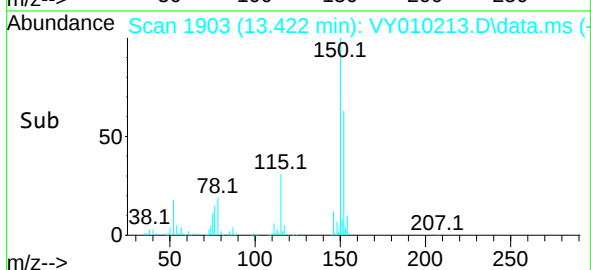
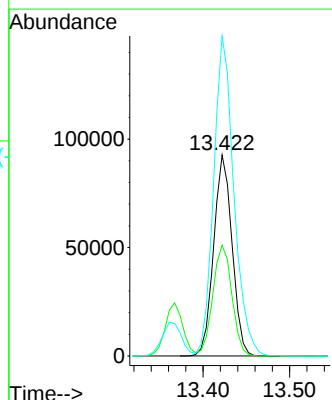
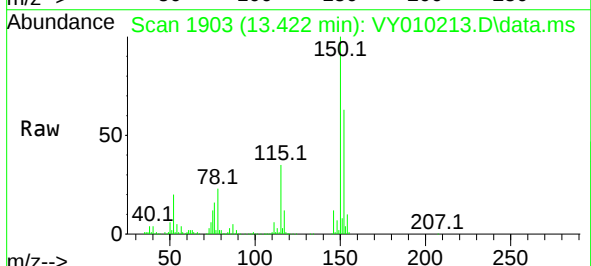
Tgt Ion:152 Resp: 136974

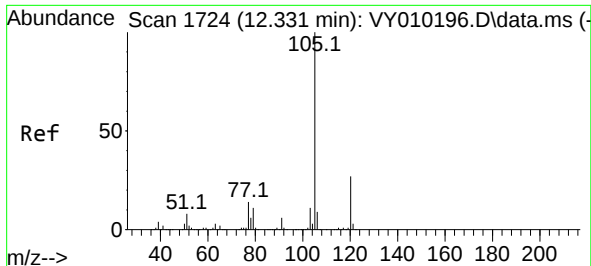
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 174.8 0.0 347.6

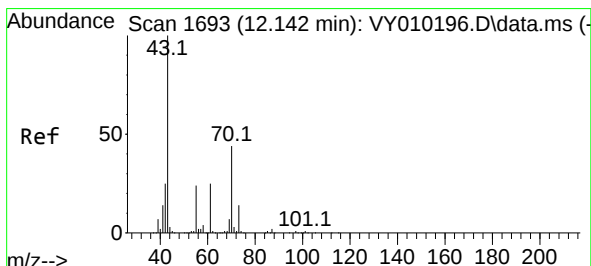
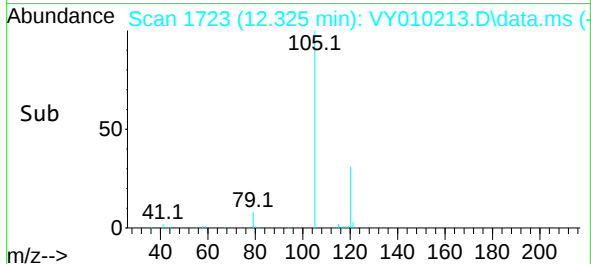
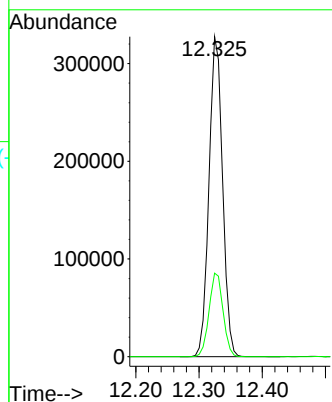
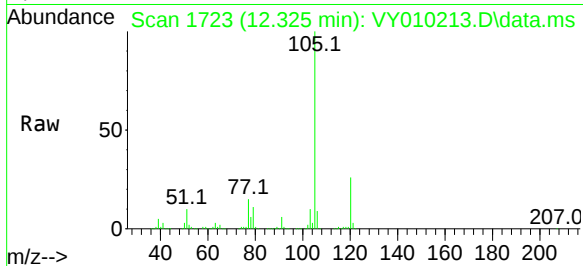




#73
Isopropylbenzene
Concen: 51.777 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

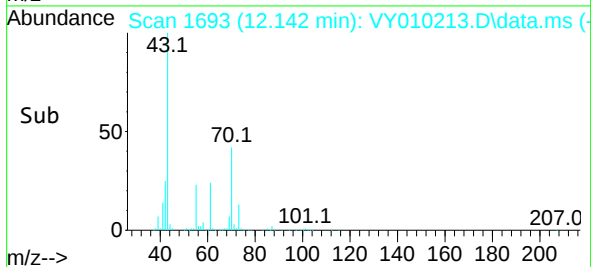
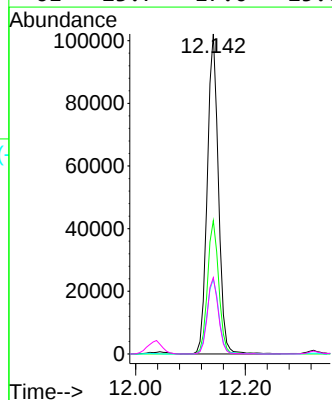
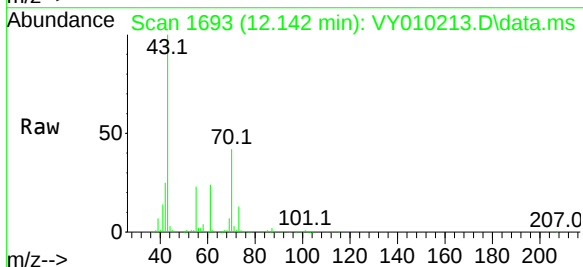
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

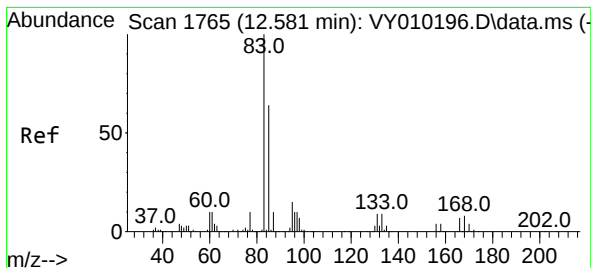
Tgt Ion:105 Resp: 489206
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-amy1 acetate
Concen: 55.328 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 43 Resp: 143061
Ion Ratio Lower Upper
43 100
70 41.8 28.7 43.1
55 24.6 17.3 25.9
61 23.7 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.594 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

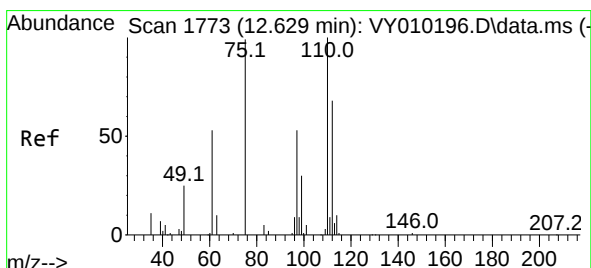
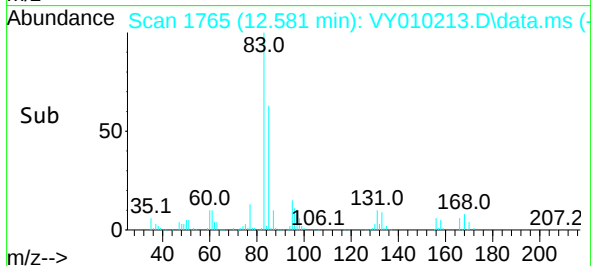
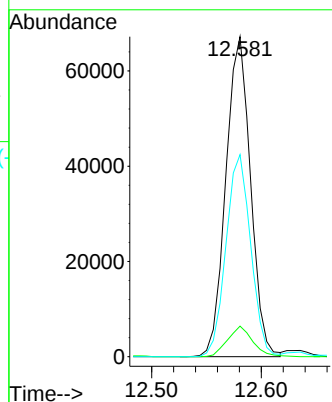
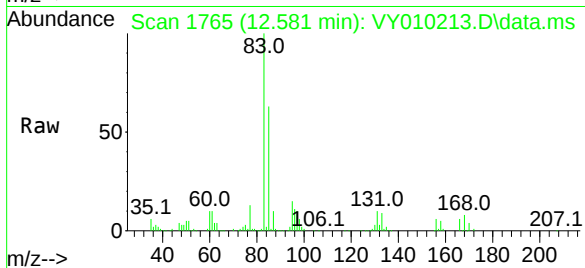
Tgt Ion: 83 Resp: 105133

Ion Ratio Lower Upper

83 100

131 9.7 5.6 16.8

85 63.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 87.790 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY010213.D

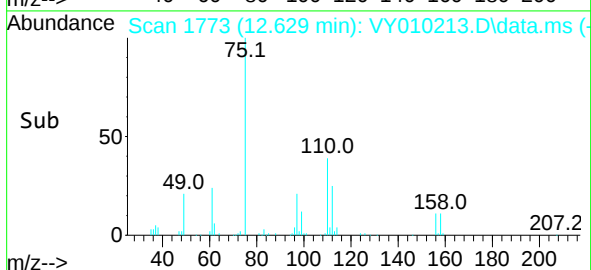
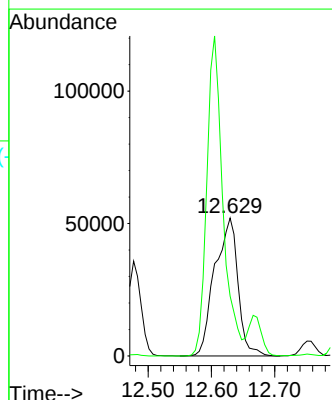
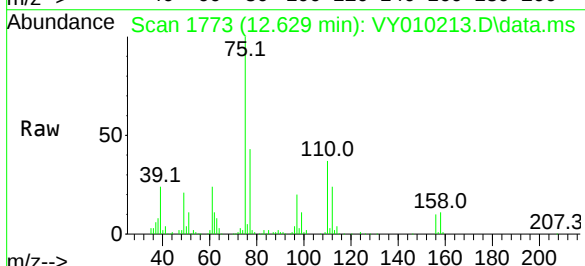
Acq: 25 Aug 2022 19:03

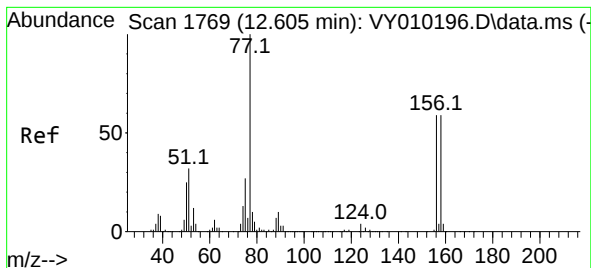
Tgt Ion: 75 Resp: 132440

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.178 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

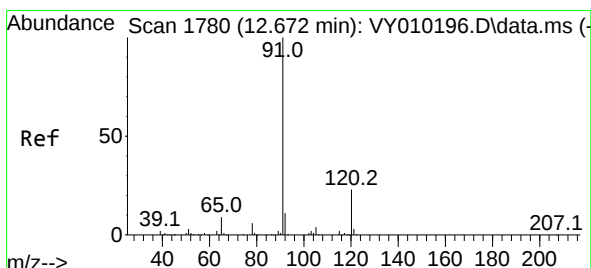
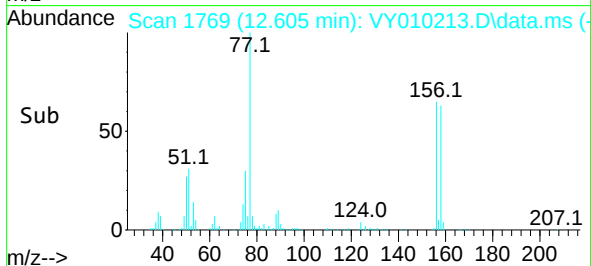
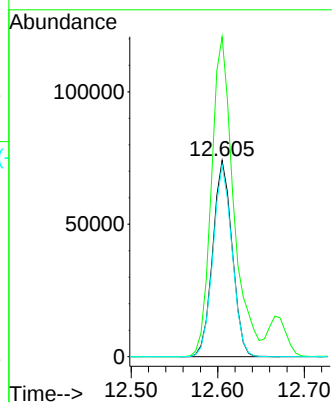
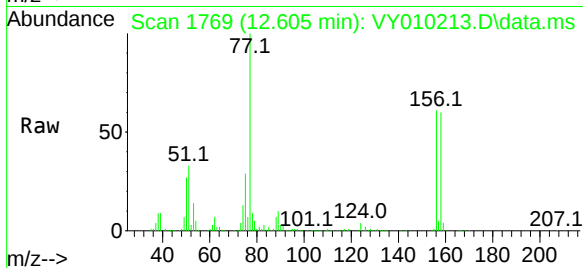
Tgt Ion:156 Resp: 114773

Ion Ratio Lower Upper

156 100

77 186.3 95.5 286.4

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 52.016 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY010213.D

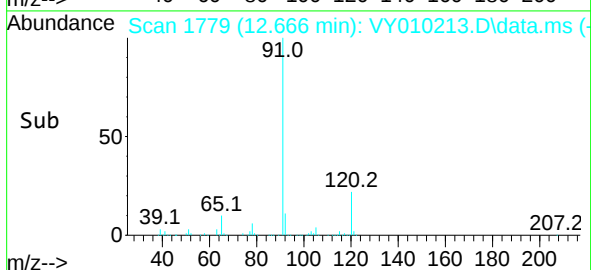
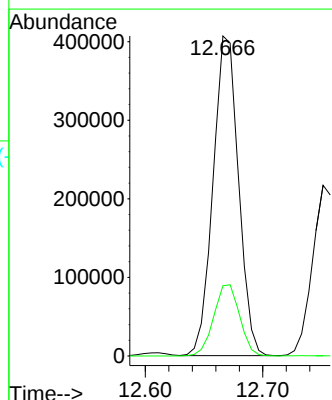
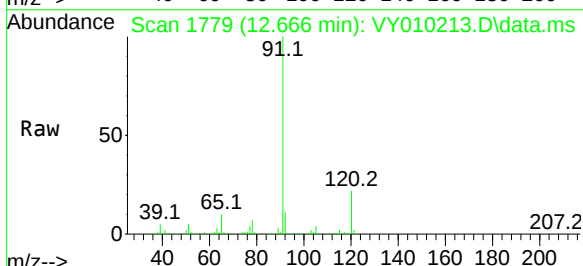
Acq: 25 Aug 2022 19:03

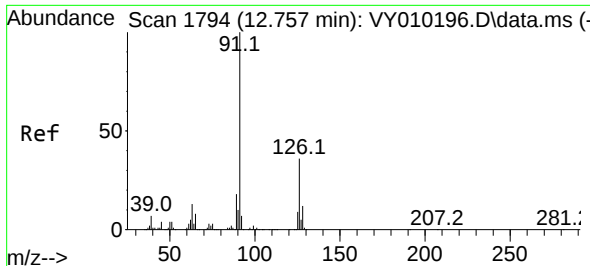
Tgt Ion: 91 Resp: 611468

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

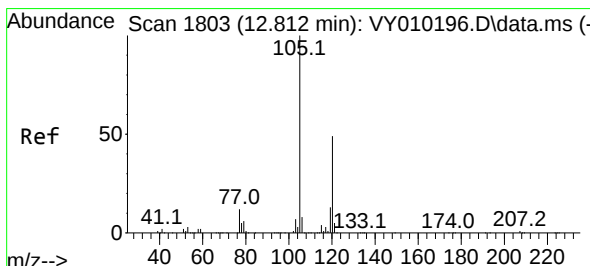
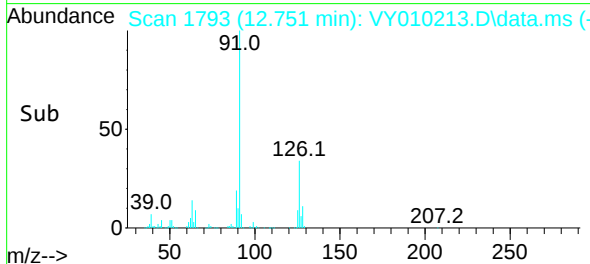
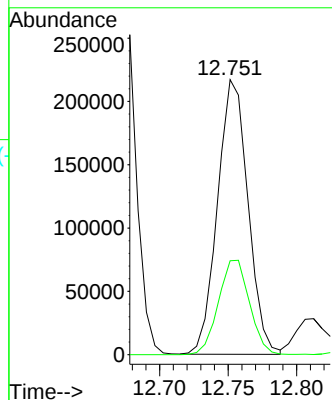
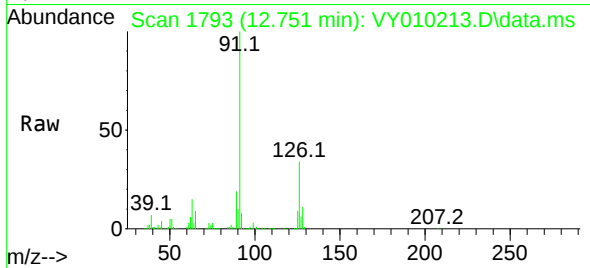




#79
2-Chlorotoluene
Concen: 50.810 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

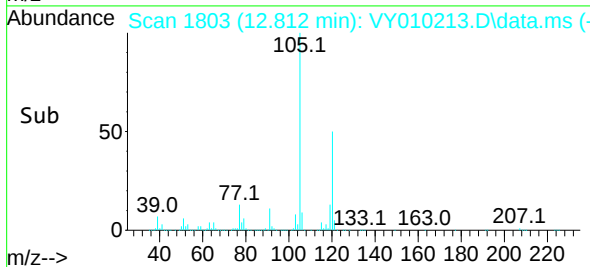
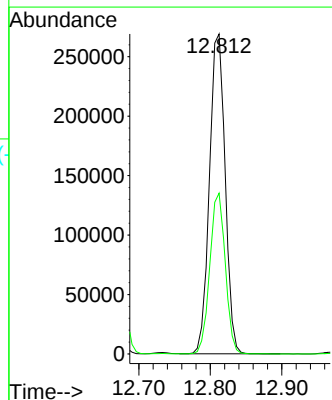
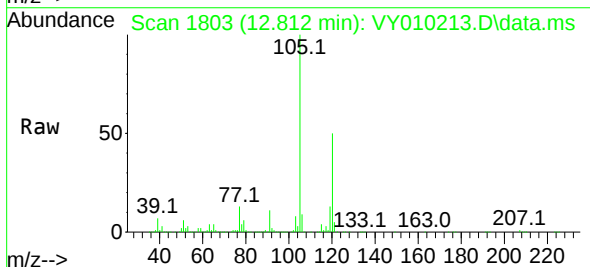
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

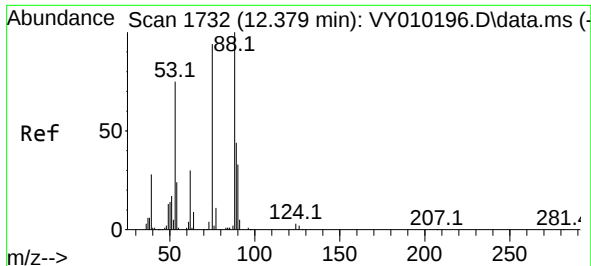
Tgt Ion: 91 Resp: 336196
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.043 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 105 Resp: 409935
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

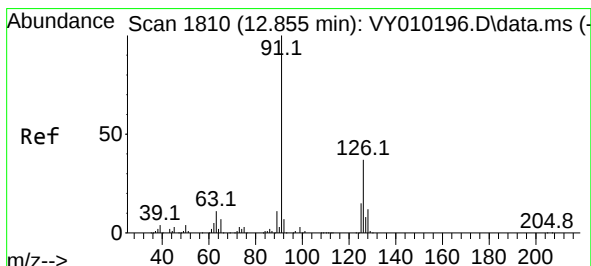
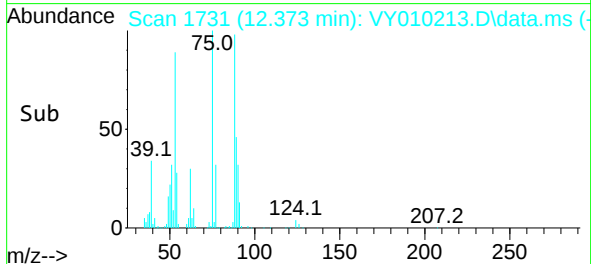
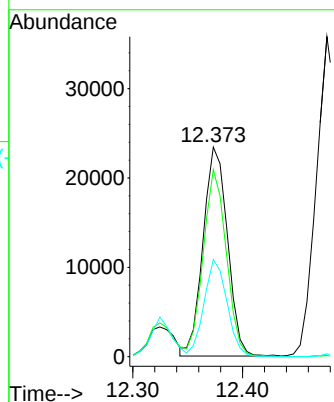
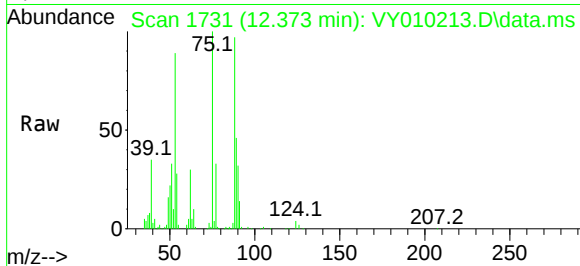




#81
trans-1,4-Dichloro-2-butene
Concen: 51.045 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

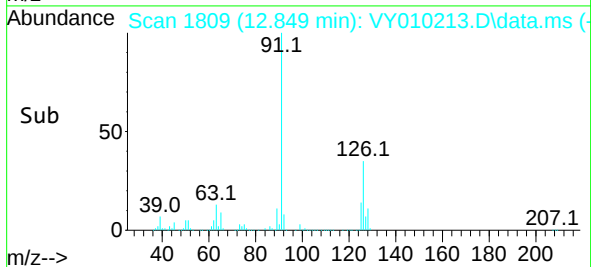
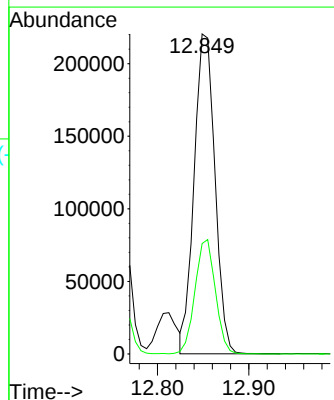
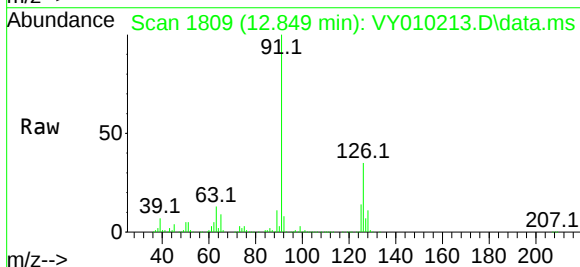
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

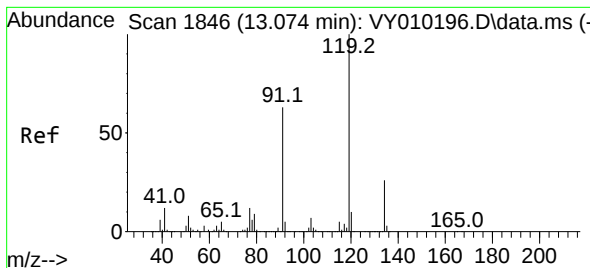
Tgt Ion: 75 Resp: 36217
Ion Ratio Lower Upper
75 100
53 84.7 85.3 127.9#
89 43.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.381 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010213.D
Acq: 25 Aug 2022 19:03

Tgt Ion: 91 Resp: 348648
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 52.243 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

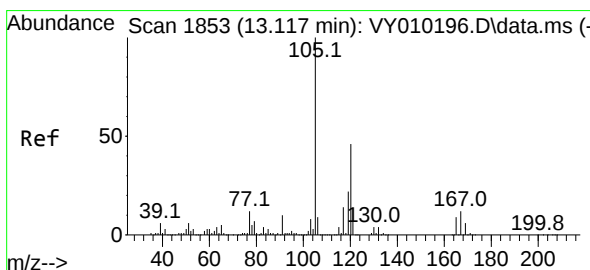
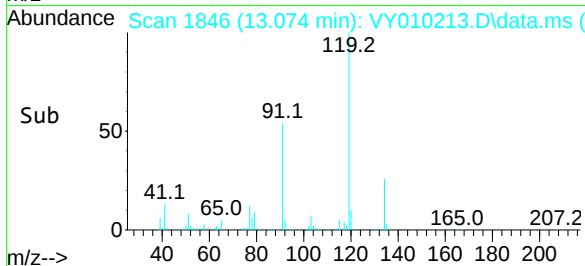
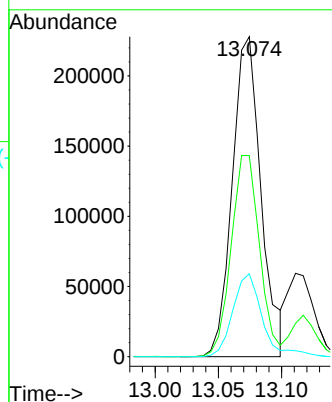
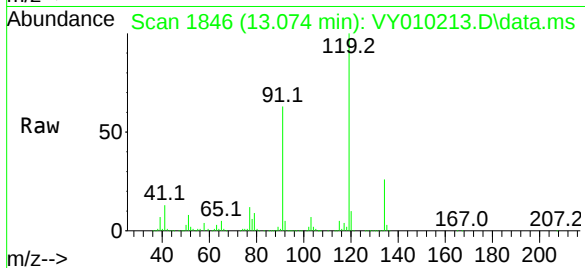
Tgt Ion:119 Resp: 360500

Ion Ratio Lower Upper

119 100

91 62.2 34.8 104.4

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.760 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010213.D

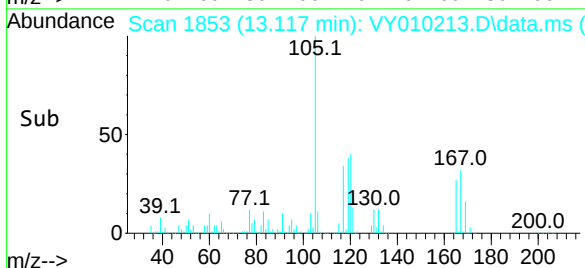
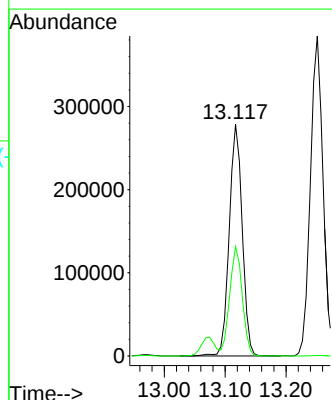
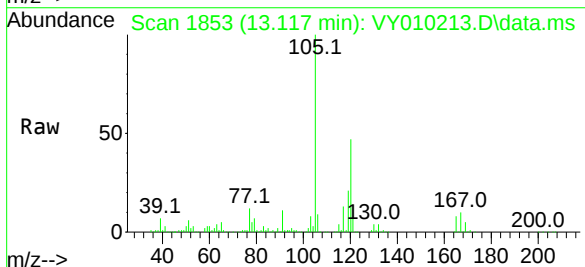
Acq: 25 Aug 2022 19:03

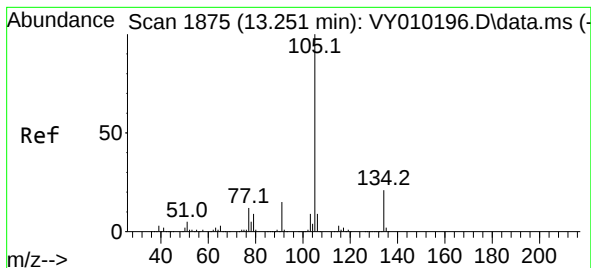
Tgt Ion:105 Resp: 411253

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 52.551 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

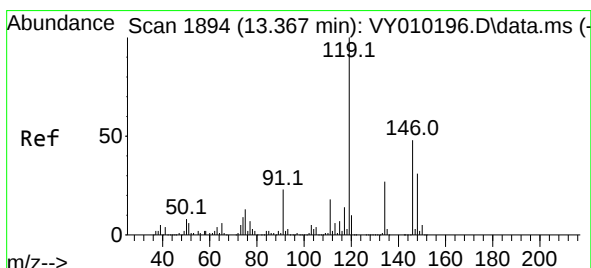
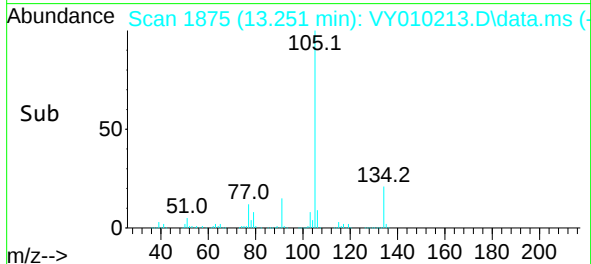
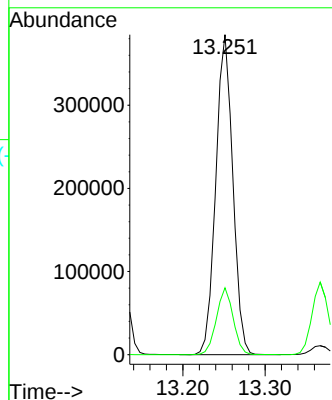
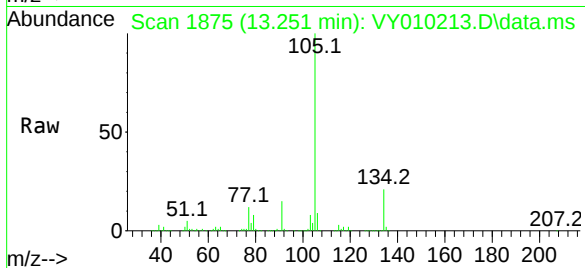
VSTDCCC050EC

Tgt Ion:105 Resp: 552082

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.174 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

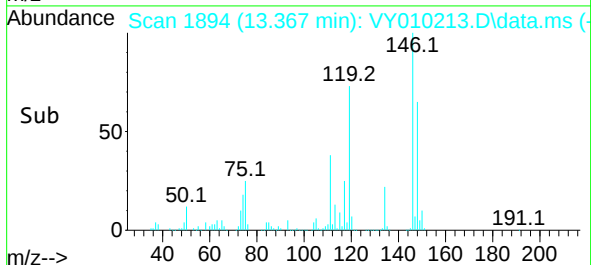
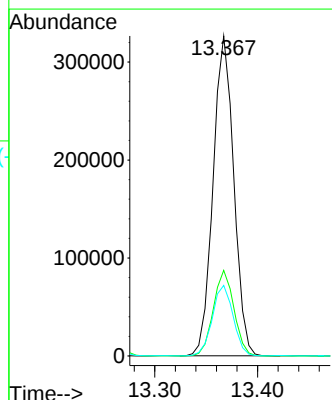
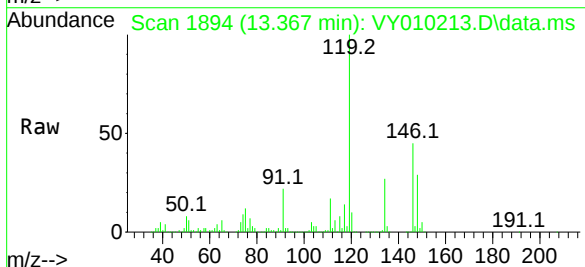
Tgt Ion:119 Resp: 455587

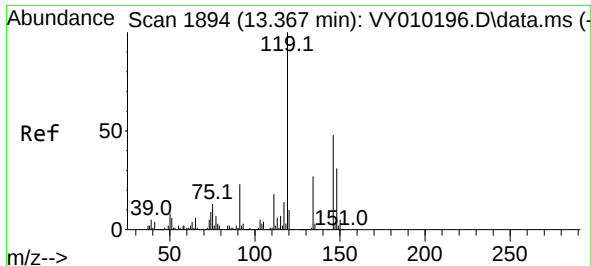
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.304 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

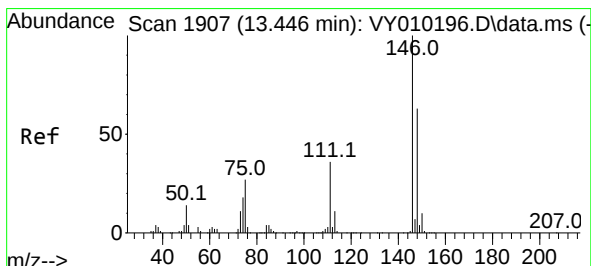
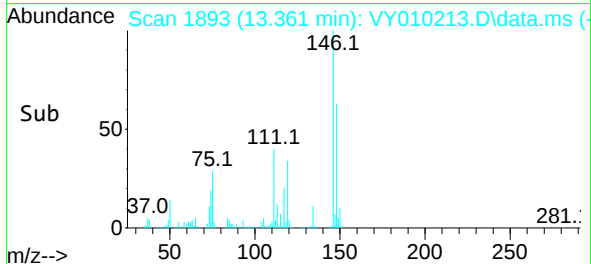
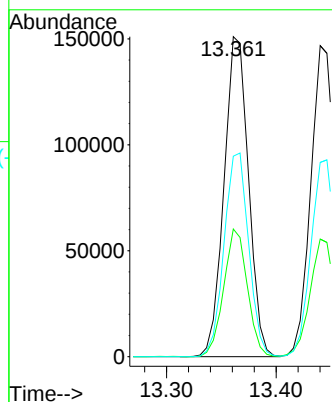
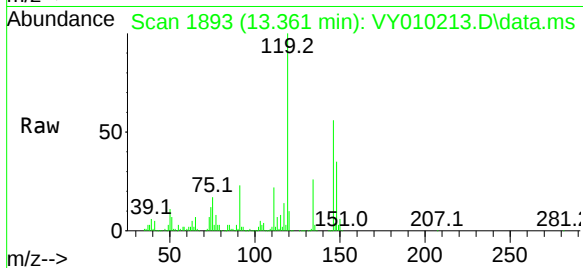
Tgt Ion:146 Resp: 234259

Ion Ratio Lower Upper

146 100

111 38.5 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.406 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

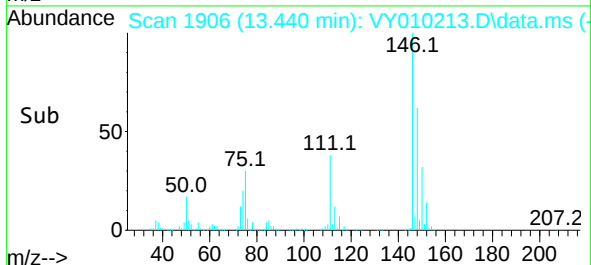
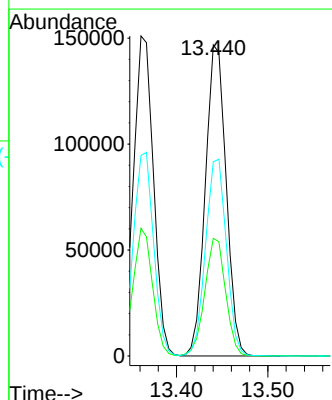
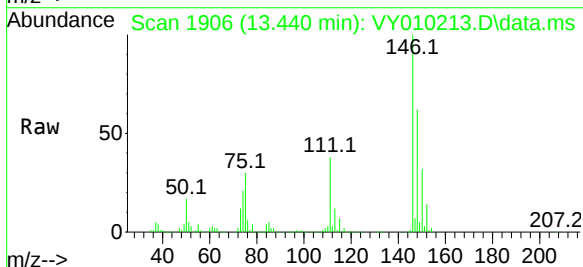
Tgt Ion:146 Resp: 231942

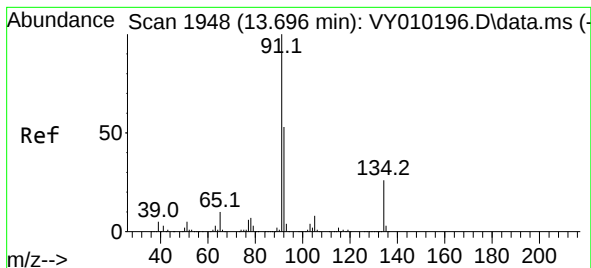
Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.8

148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 52.515 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

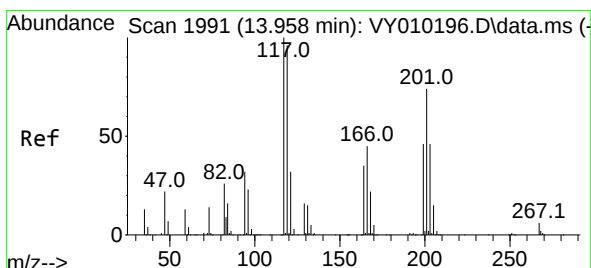
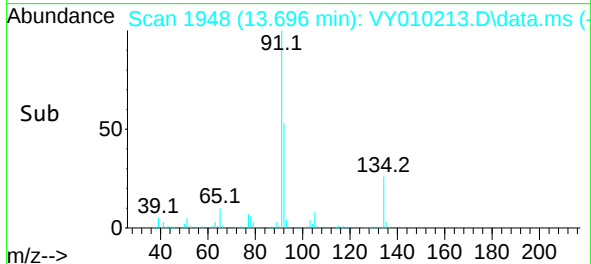
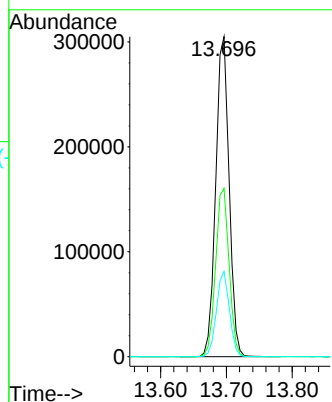
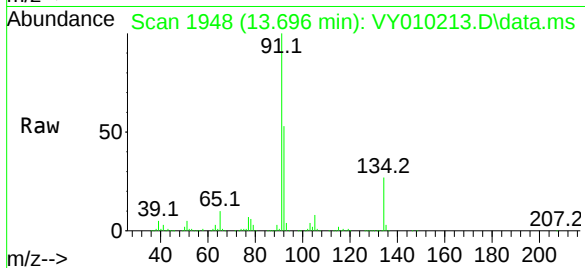
Tgt Ion: 91 Resp: 431697

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 49.993 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY010213.D

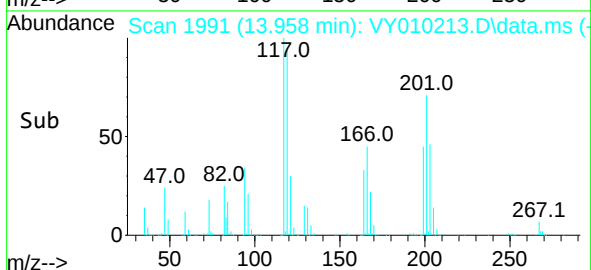
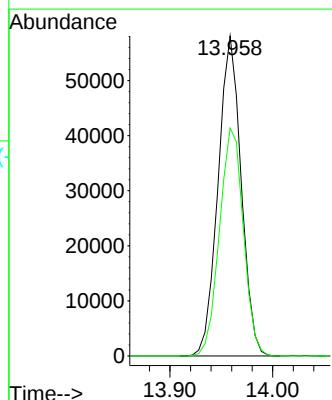
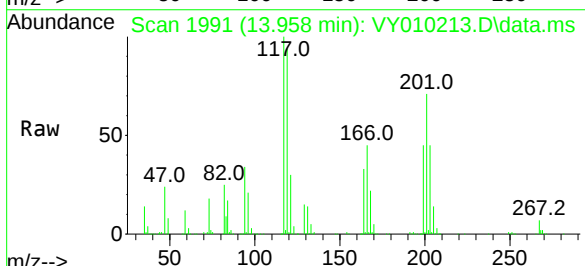
Acq: 25 Aug 2022 19:03

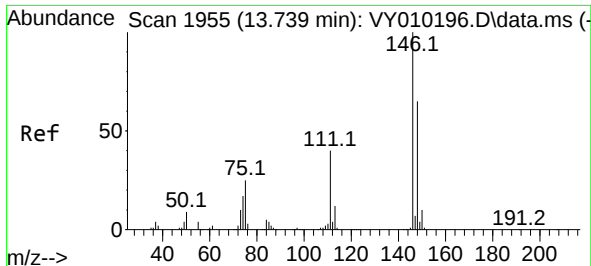
Tgt Ion: 117 Resp: 90411

Ion Ratio Lower Upper

117 100

201 73.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.164 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

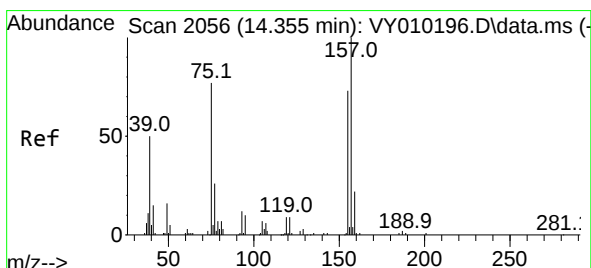
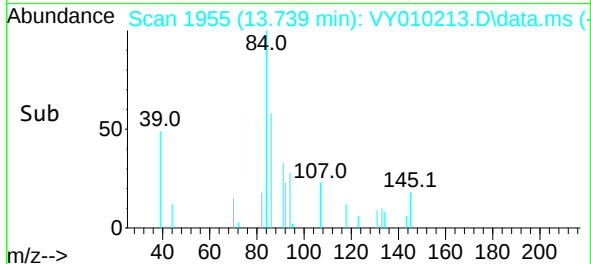
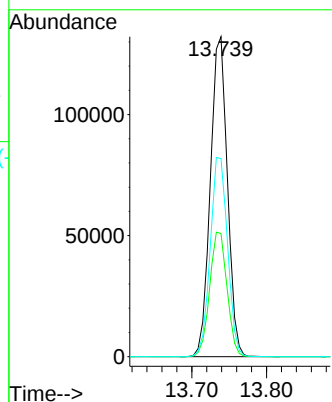
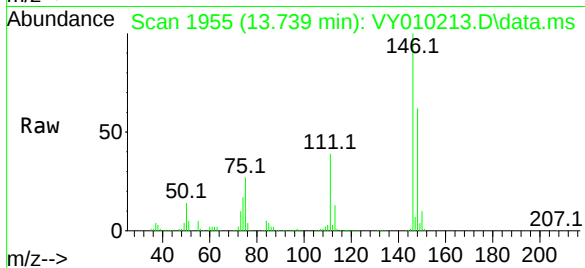
Tgt Ion:146 Resp: 208862

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.382 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

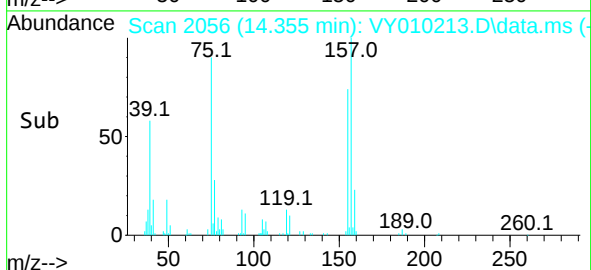
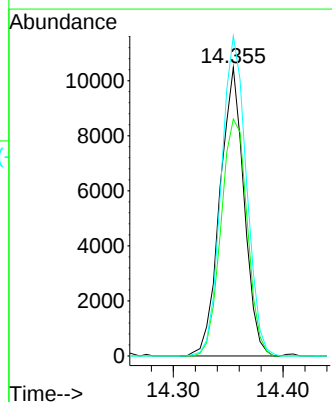
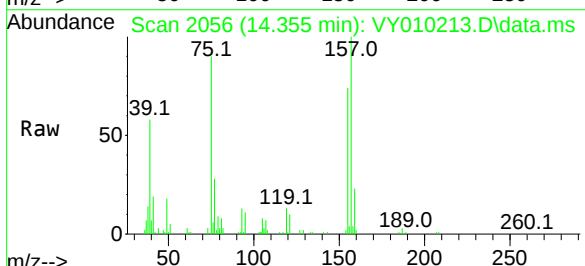
Tgt Ion: 75 Resp: 16036

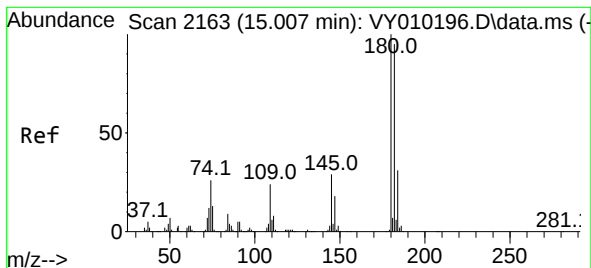
Ion Ratio Lower Upper

75 100

155 88.9 38.0 113.9

157 115.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.411 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

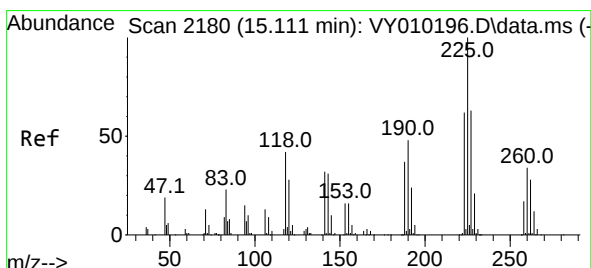
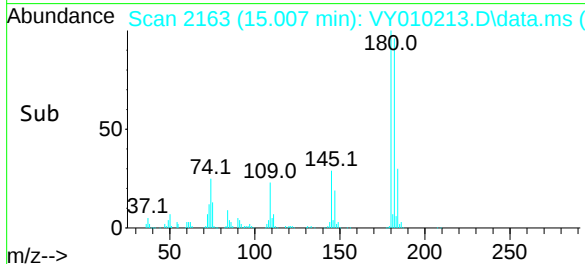
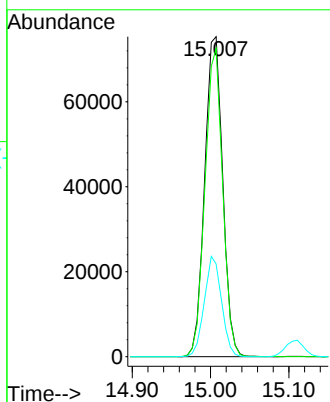
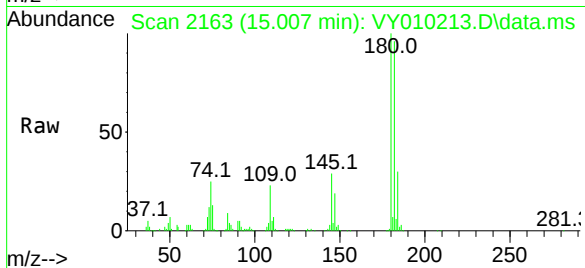
Tgt Ion:180 Resp: 120536

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 58.412 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

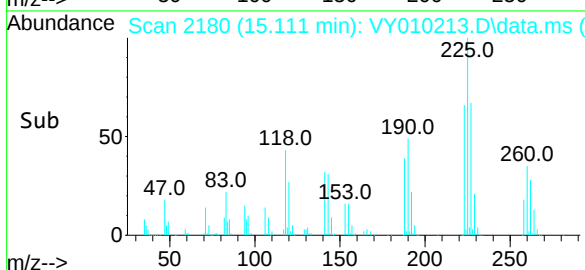
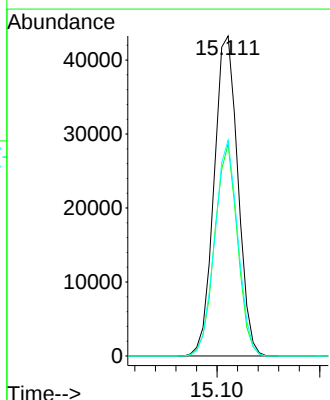
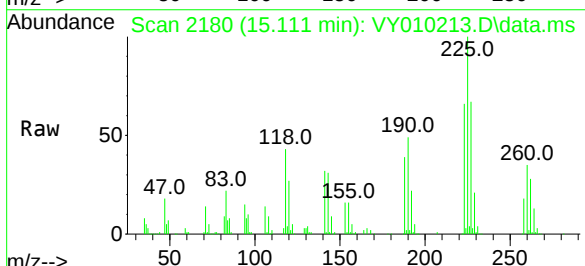
Tgt Ion:225 Resp: 69436

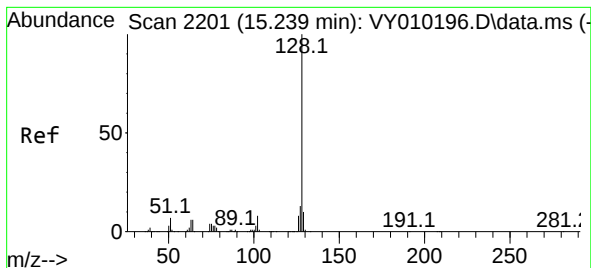
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 65.4 31.6 94.7





#95

Naphthalene

Concen: 46.988 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

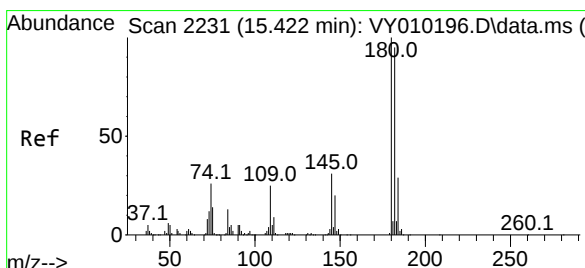
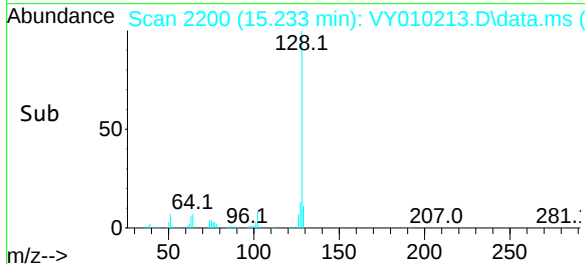
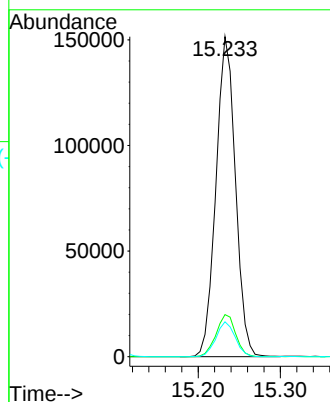
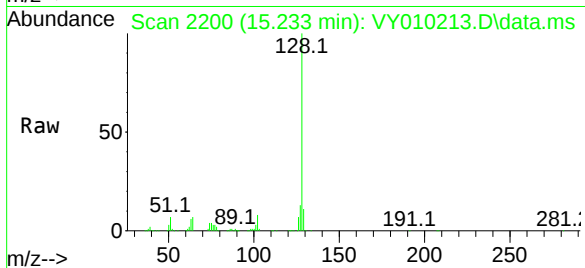
Tgt Ion:128 Resp: 249215

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.378 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010213.D

Acq: 25 Aug 2022 19:03

Tgt Ion:180 Resp: 108373

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 31.0 15.3 45.9

