

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY010000.D
 Acq On : 12 Aug 2022 20:45
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 13 02:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	101723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	172808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	161343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54065	52.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.780%	
35) Dibromofluoromethane	7.710	113	56004	52.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.900%	
50) Toluene-d8	10.173	98	214372	52.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.477	95	80194	54.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	40626	44.487	ug/l	97
3) Chloromethane	2.101	50	34711	51.747	ug/l	97
4) Vinyl Chloride	2.241	62	36872	52.171	ug/l	97
5) Bromomethane	2.637	94	25915	52.515	ug/l	100
6) Chloroethane	2.778	64	22110	47.318	ug/l	97
7) Trichlorofluoromethane	3.107	101	85152	48.635	ug/l	99
8) Diethyl Ether	3.515	74	33284	50.502	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	56660	50.360	ug/l	95
10) Methyl Iodide	4.076	142	70580	52.441	ug/l	97
11) Tert butyl alcohol	4.942	59	27484	273.625	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	55674	50.967	ug/l	92
13) Acrolein	3.717	56	31523	237.421	ug/l	98
14) Allyl chloride	4.460	41	79100	51.939	ug/l	94
15) Acrylonitrile	5.149	53	82965	263.003	ug/l	100
16) Acetone	3.936	43	58769	237.138	ug/l #	87
17) Carbon Disulfide	4.180	76	177698	49.985	ug/l	98
18) Methyl Acetate	4.466	43	39198	57.954	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	147020	55.080	ug/l	100
20) Methylene Chloride	4.704	84	65327	50.545	ug/l #	88
21) trans-1,2-Dichloroethene	5.204	96	62224	51.257	ug/l	95
22) Diisopropyl ether	6.106	45	164585	53.455	ug/l	96
23) Vinyl Acetate	6.045	43	527398	277.220	ug/l	97
24) 1,1-Dichloroethane	6.003	63	100919	51.365	ug/l	99
25) 2-Butanone	6.978	43	96495	250.926	ug/l	91
26) 2,2-Dichloropropane	6.966	77	78767	45.231	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	68708	52.688	ug/l	92
28) Bromochloromethane	7.320	49	41028	52.282	ug/l	87
29) Tetrahydrofuran	7.338	42	64935	267.183	ug/l	88
30) Chloroform	7.496	83	105958	52.155	ug/l	95
31) Cyclohexane	7.777	56	93423	50.581	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	90828	52.614	ug/l	99
36) 1,1-Dichloropropene	7.905	75	81298	51.619	ug/l	99
37) Ethyl Acetate	7.064	43	43782	51.508	ug/l	95
38) Carbon Tetrachloride	7.893	117	82918	52.756	ug/l	99
39) Methylcyclohexane	9.173	83	102594	54.099	ug/l	98
40) Benzene	8.149	78	240558	50.473	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24619	54.528	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	64376	52.142	ug/l	97
43) Isopropyl Acetate	8.265	43	80507	54.565	ug/l	95
44) Trichloroethene	8.935	130	66983	51.897	ug/l	97
45) 1,2-Dichloropropane	9.209	63	59643	52.154	ug/l	98
46) Dibromomethane	9.295	93	36653	53.237	ug/l	97
47) Bromodichloromethane	9.490	83	81278	53.101	ug/l	100
48) Methyl methacrylate	9.289	41	36206	55.927	ug/l	91
49) 1,4-Dioxane	9.289	88	9857	1141.262	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	215837	269.821	ug/l	93
52) Toluene	10.240	92	151420	52.756	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	83172	52.873	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	96287	52.939	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	52130	52.941	ug/l	98
56) Ethyl methacrylate	10.502	69	69813	57.342	ug/l	91
57) 1,3-Dichloropropane	10.788	76	85024	53.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	129353	242.737	ug/l	98
59) 2-Hexanone	10.825	43	151555	274.565	ug/l	91
60) Dibromochloromethane	10.977	129	59963	53.320	ug/l	99
61) 1,2-Dibromoethane	11.081	107	51175	54.263	ug/l	99
64) Tetrachloroethene	10.715	164	60294	51.153	ug/l	98
65) Chlorobenzene	11.514	112	164936	50.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58874	50.465	ug/l	98
67) Ethyl Benzene	11.587	91	288055	52.313	ug/l	95
68) m/p-Xylenes	11.697	106	220351	103.380	ug/l	94
69) o-Xylene	12.026	106	107489	53.175	ug/l	96
70) Styrene	12.038	104	181639	52.752	ug/l	99
71) Bromoform	12.203	173	37894	51.418	ug/l #	98
73) Isopropylbenzene	12.325	105	279214	53.194	ug/l	100
74) N-amyl acetate	12.142	43	72487	53.984	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	60571	49.996	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	76978	85.175	ug/l #	100
77) Bromobenzene	12.605	156	66228	52.155	ug/l	91
78) n-propylbenzene	12.666	91	346739	52.634	ug/l	98
79) 2-Chlorotoluene	12.752	91	198879	53.148	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	234858	54.762	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	20923	50.326	ug/l	91
82) 4-Chlorotoluene	12.849	91	204796	52.538	ug/l	96
83) tert-Butylbenzene	13.069	119	206578	54.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	231394	53.730	ug/l	99
85) sec-Butylbenzene	13.251	105	306489	53.068	ug/l	98
86) p-Isopropyltoluene	13.367	119	252753	55.442	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	128243	51.236	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	130254	50.059	ug/l	98
89) n-Butylbenzene	13.690	91	247326	56.189	ug/l	99
90) Hexachloroethane	13.959	117	50208	51.357	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	116987	51.961	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10514	54.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	75845	59.207	ug/l	98
94) Hexachlorobutadiene	15.111	225	39451	54.535	ug/l	99
95) Naphthalene	15.233	128	177273	56.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65777	57.413	ug/l	98

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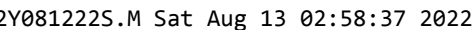
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

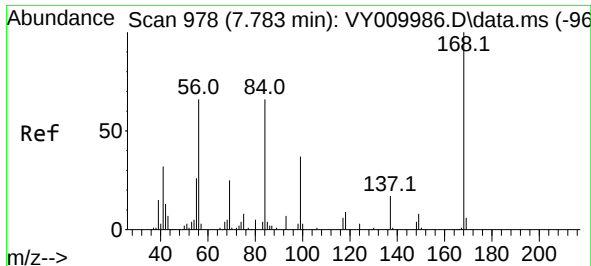
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Response via : Initial Calibration

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

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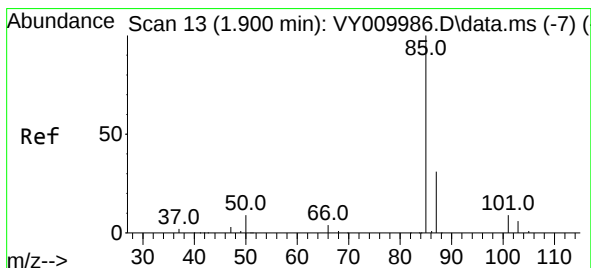
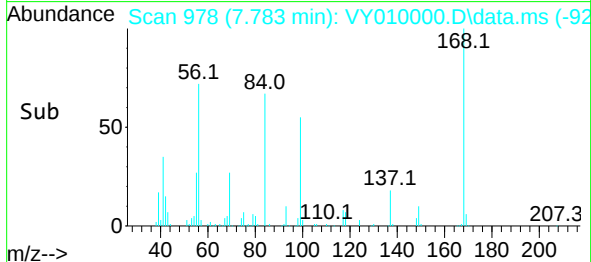
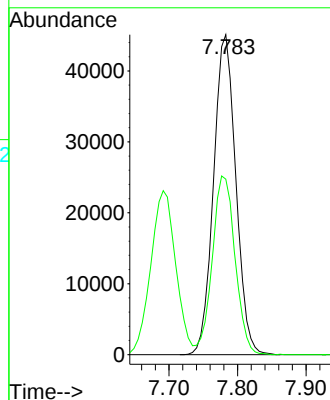
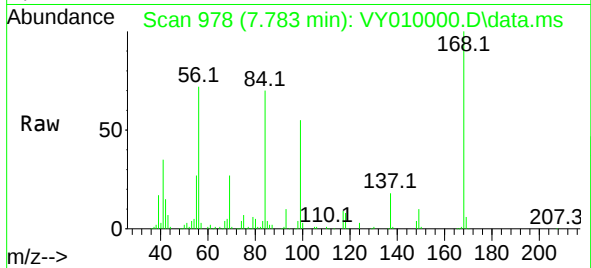




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

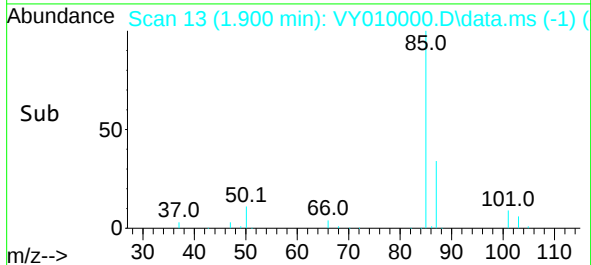
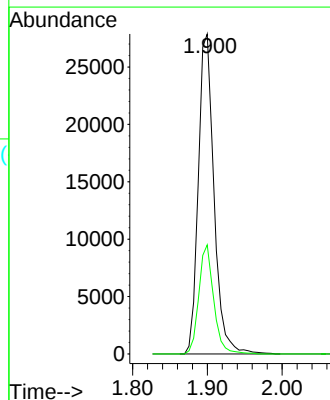
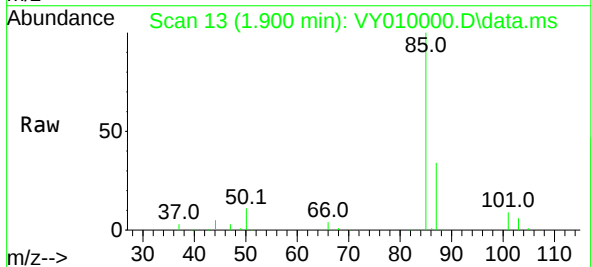
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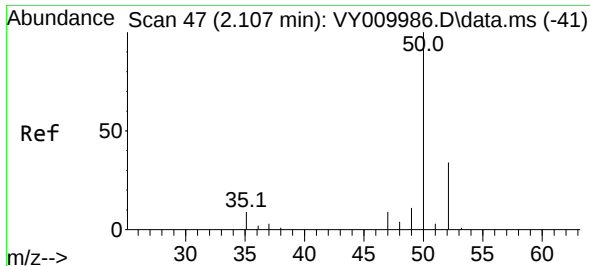
Tgt Ion:168 Resp: 101723
Ion Ratio Lower Upper
168 100
99 54.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 44.487 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 85 Resp: 40626
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.5

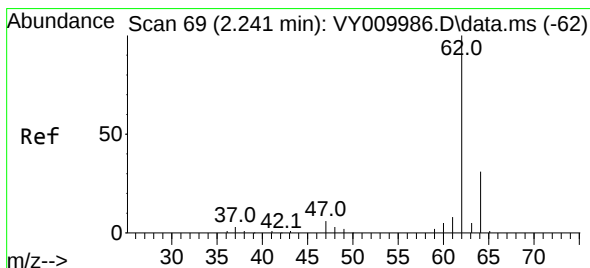
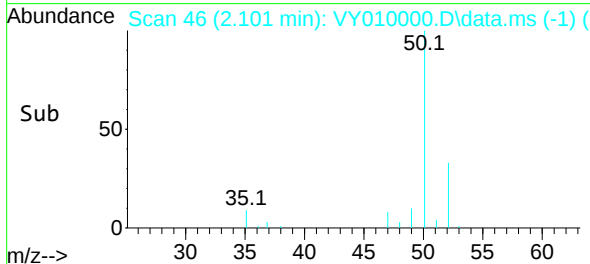
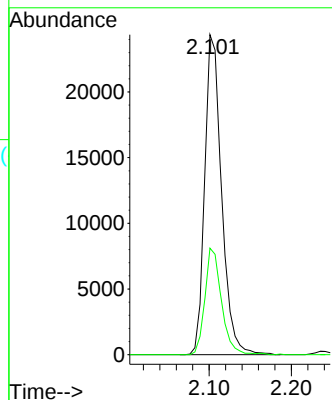
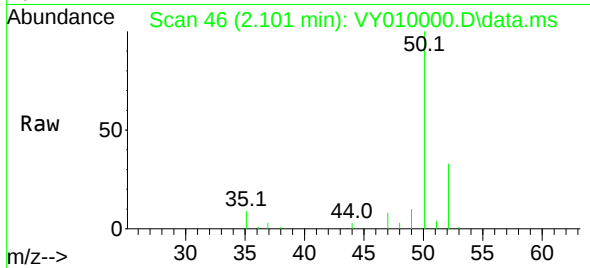




#3
Chloromethane
Concen: 51.747 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

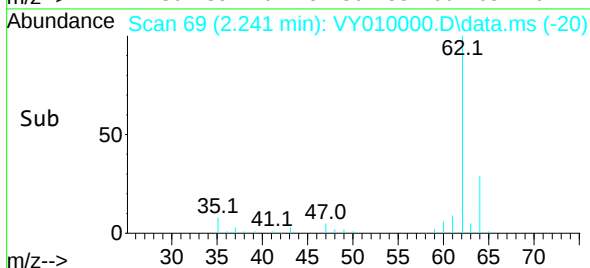
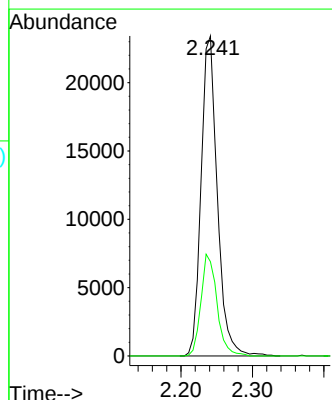
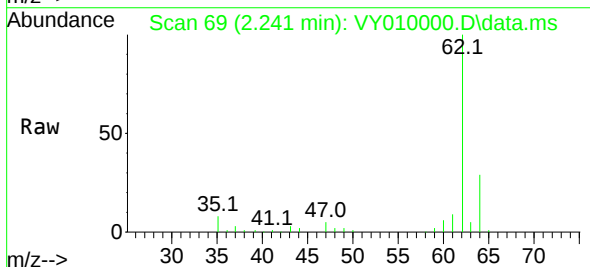
Instrument :
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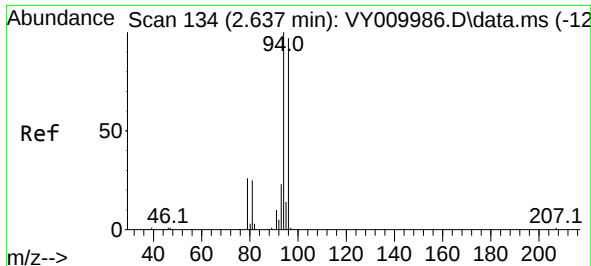
Tgt Ion: 50 Resp: 34711
Ion Ratio Lower Upper
50 100
52 33.3 27.9 41.9



#4
Vinyl Chloride
Concen: 52.171 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 62 Resp: 36872
Ion Ratio Lower Upper
62 100
64 29.5 25.0 37.4

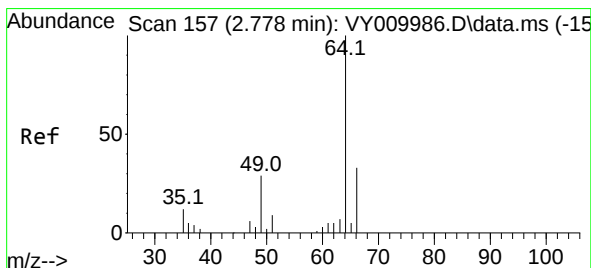
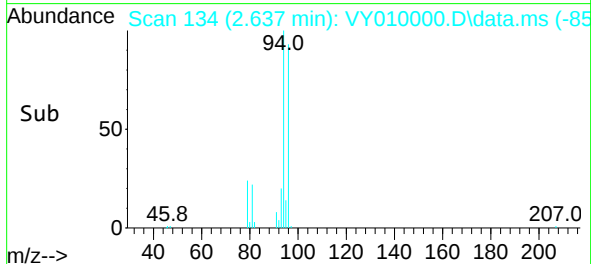
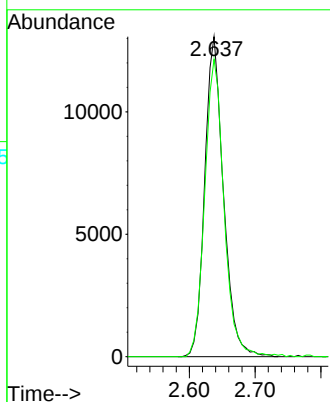
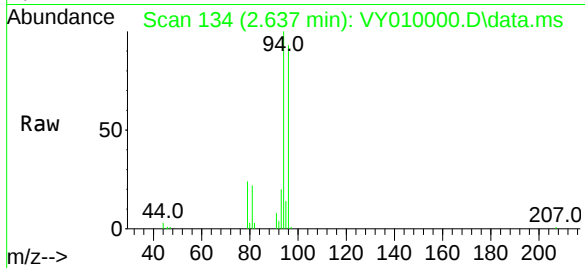




#5
Bromomethane
Concen: 52.515 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

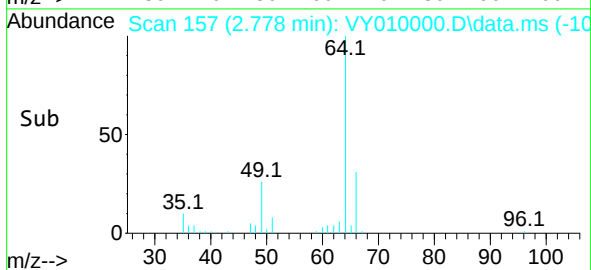
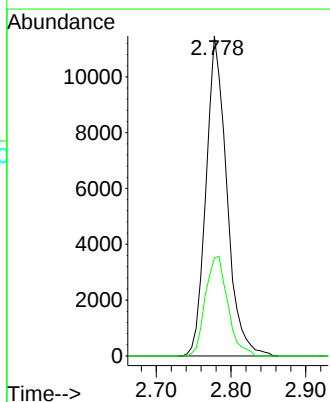
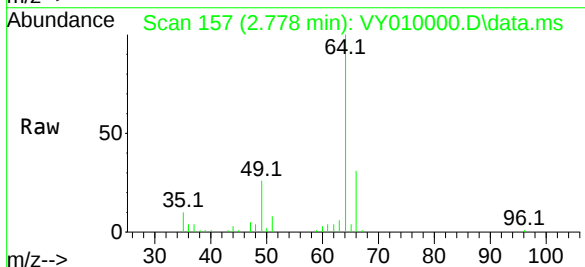
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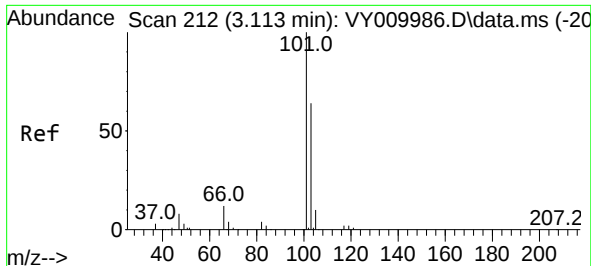
Tgt Ion: 94 Resp: 25915
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8



#6
Chloroethane
Concen: 47.318 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 64 Resp: 22110
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.8

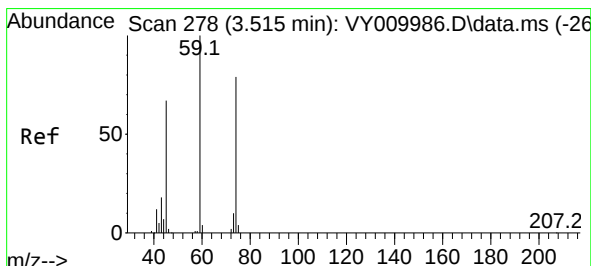
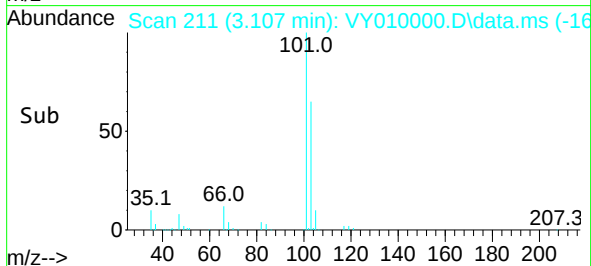
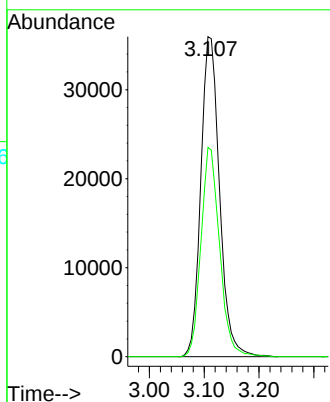
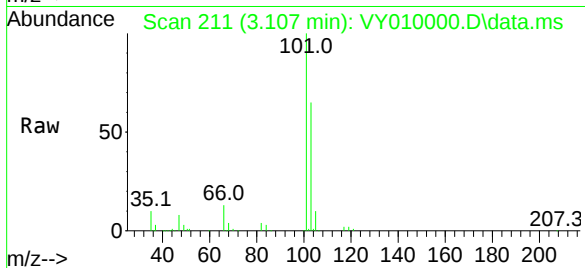




#7
 Trichlorofluoromethane
 Concen: 48.635 ug/l
 RT: 3.107 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

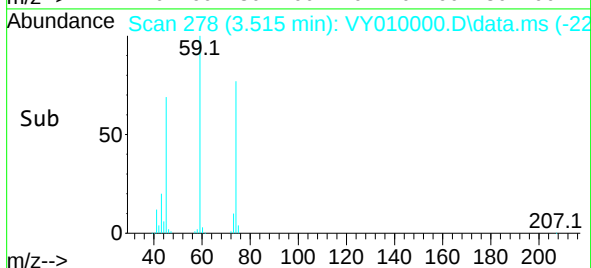
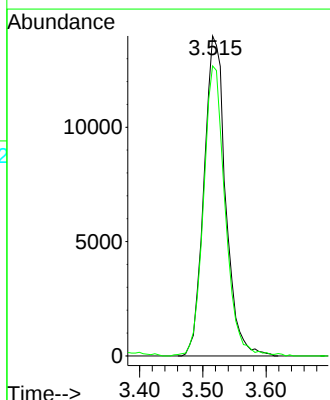
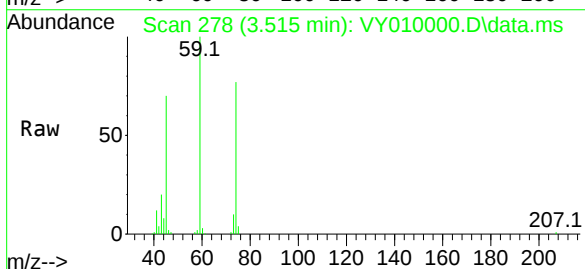
Instrument :
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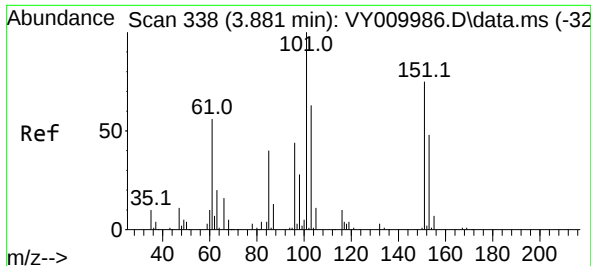
Tgt Ion:101 Resp: 85152
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 50.502 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion: 74 Resp: 33284
 Ion Ratio Lower Upper
 74 100
 45 91.0 49.1 147.4

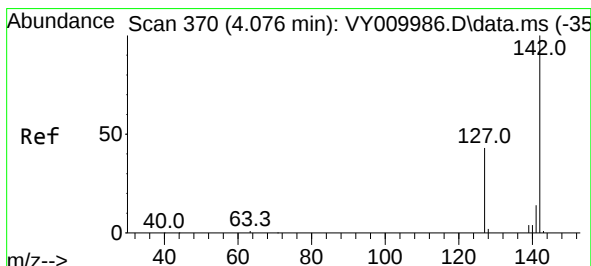
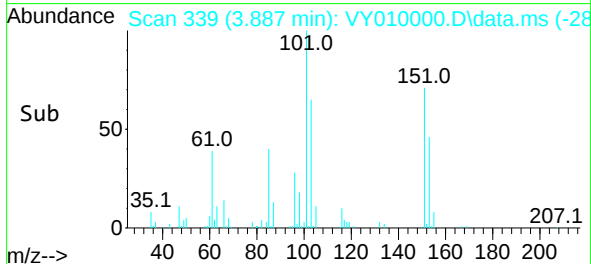
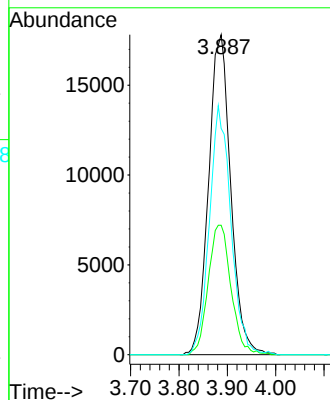
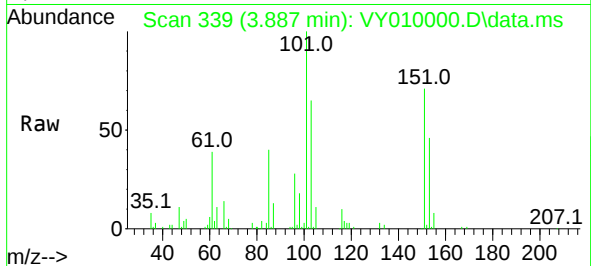




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.360 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

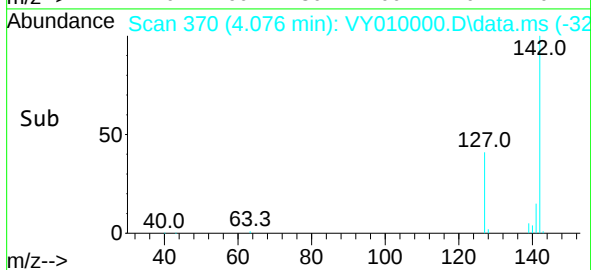
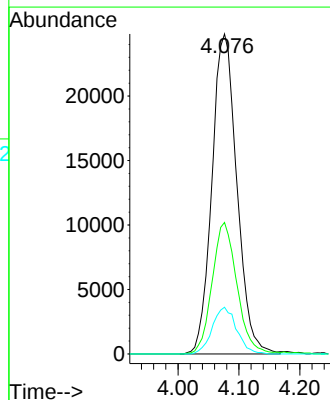
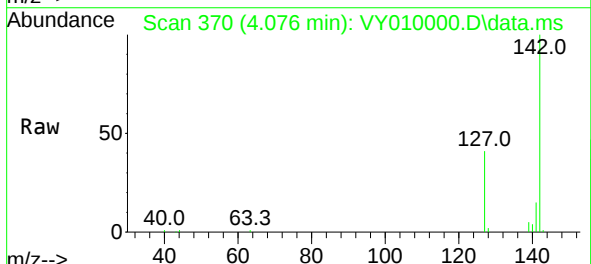
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

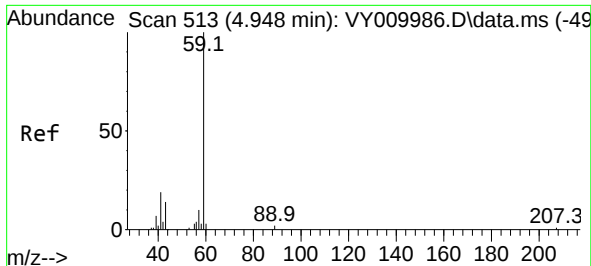
Tgt Ion:101 Resp: 56660
Ion Ratio Lower Upper
101 100
85 41.7 36.2 54.2
151 75.6 63.6 95.4



#10
Methyl Iodide
Concen: 52.441 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion:142 Resp: 70580
Ion Ratio Lower Upper
142 100
127 41.3 35.2 52.8
141 14.3 11.4 17.2

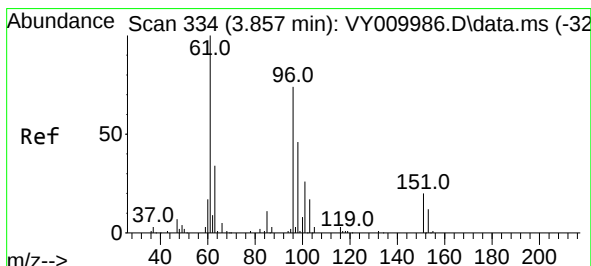
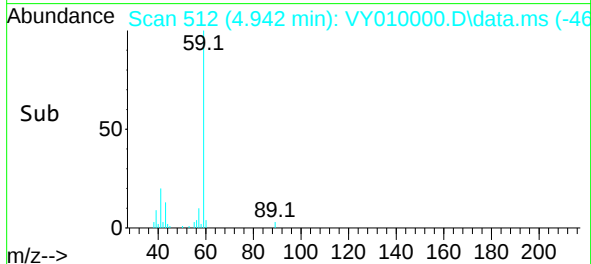
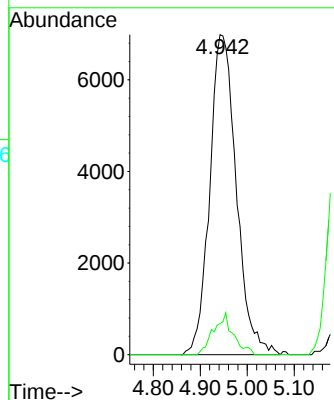
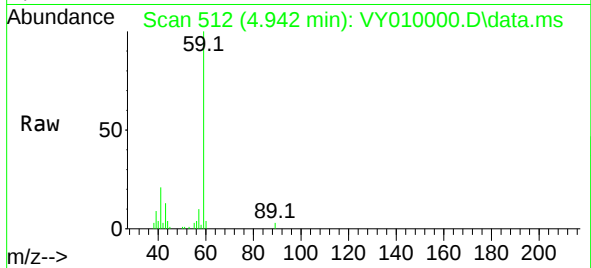




#11
Tert butyl alcohol
Concen: 273.625 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

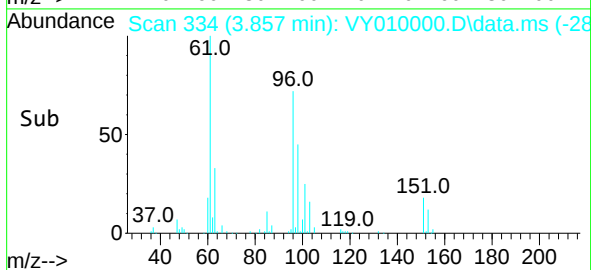
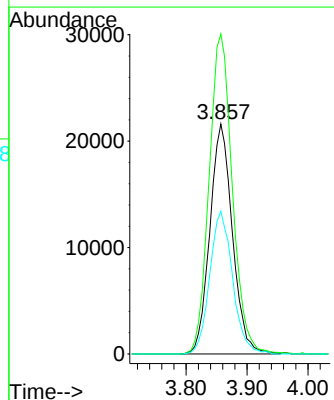
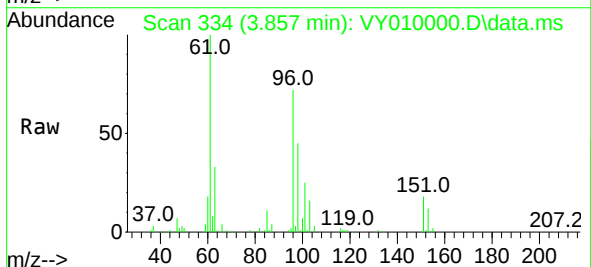
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

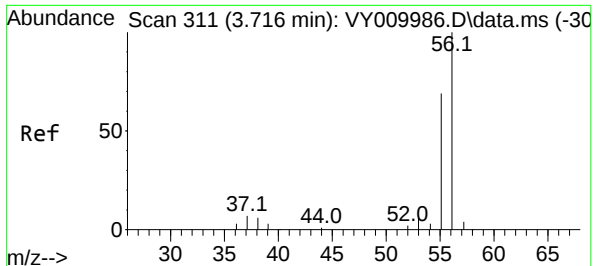
Tgt Ion: 59 Resp: 27484
Ion Ratio Lower Upper
59 100
57 9.6 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 50.967 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

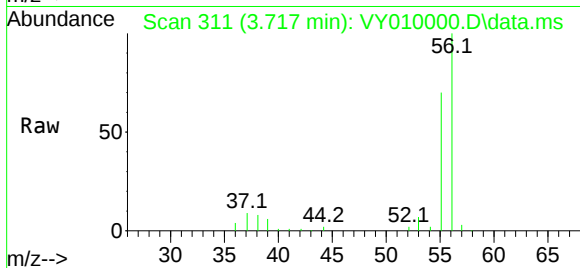
Tgt Ion: 96 Resp: 55674
Ion Ratio Lower Upper
96 100
61 139.2 121.9 182.9
98 62.1 48.2 72.4



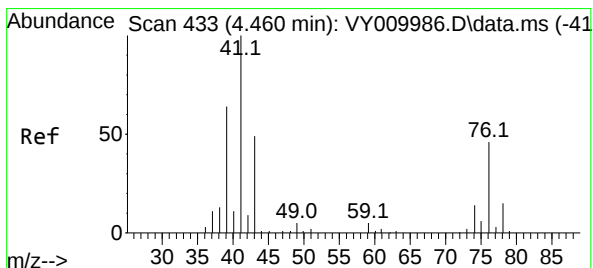
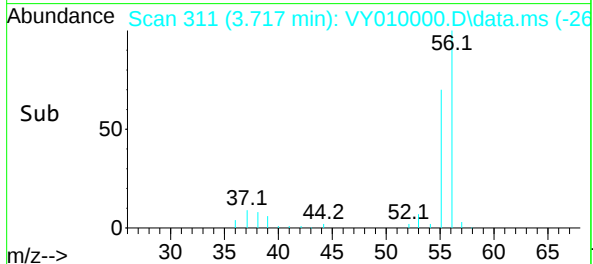
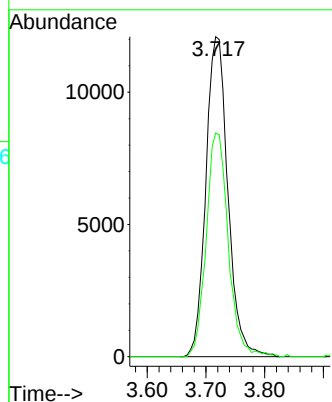


#13
Acrolein
Concen: 237.421 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

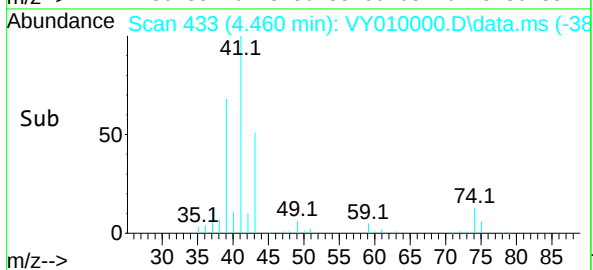
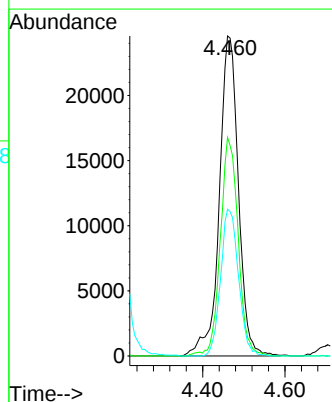
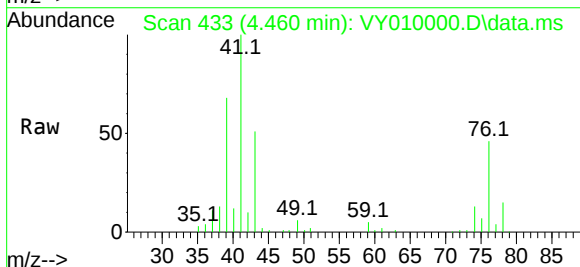


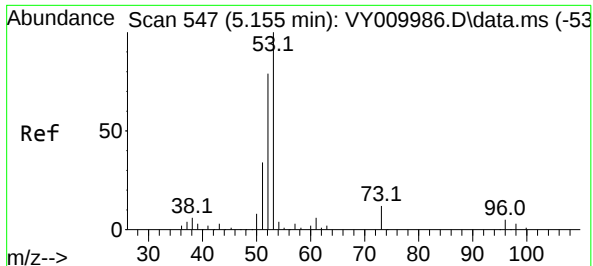
Tgt Ion: 56 Resp: 31523
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2



#14
Allyl chloride
Concen: 51.939 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 41 Resp: 79100
Ion Ratio Lower Upper
41 100
39 63.8 53.5 80.3
76 43.0 29.4 44.0

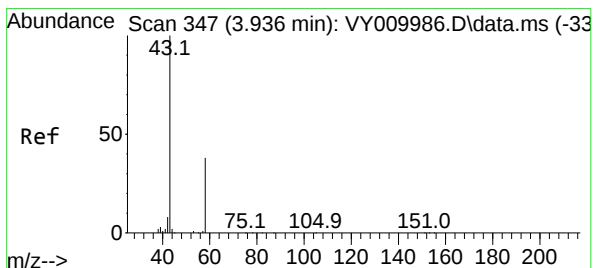
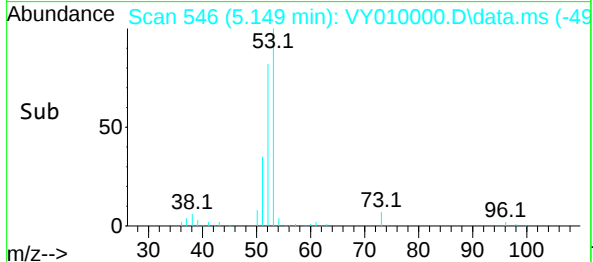
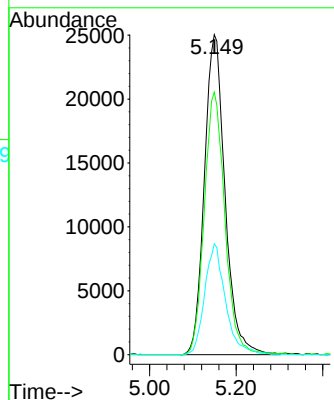
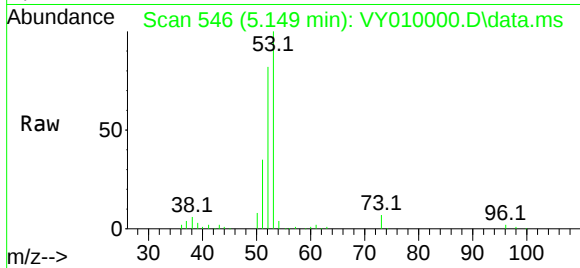




#15
Acrylonitrile
Concen: 263.003 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

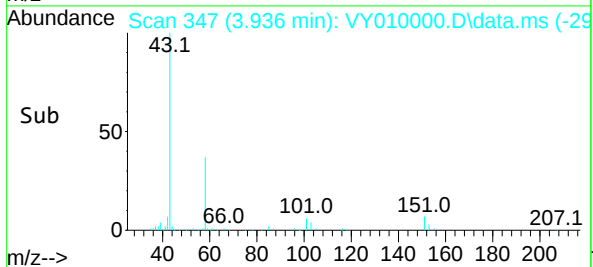
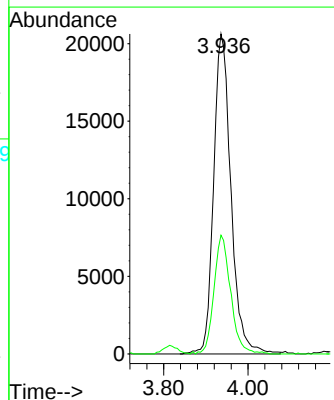
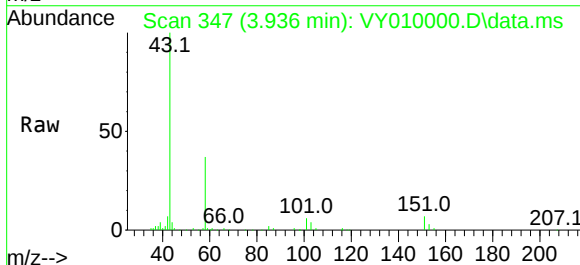
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

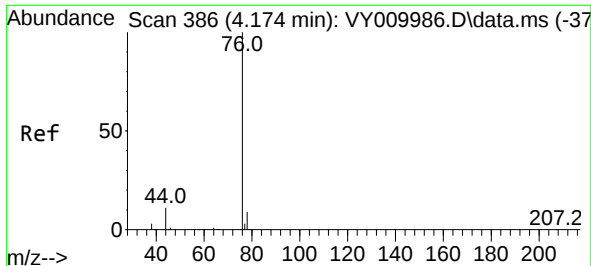
Tgt Ion: 53 Resp: 82965
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.2
51 34.8 28.4 42.6



#16
Acetone
Concen: 237.138 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 43 Resp: 58769
Ion Ratio Lower Upper
43 100
58 37.1 24.0 36.0#

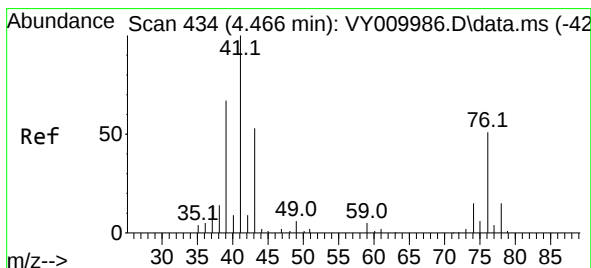
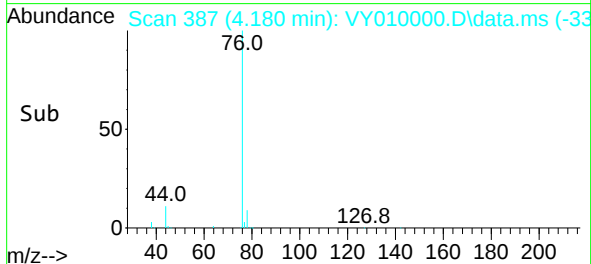
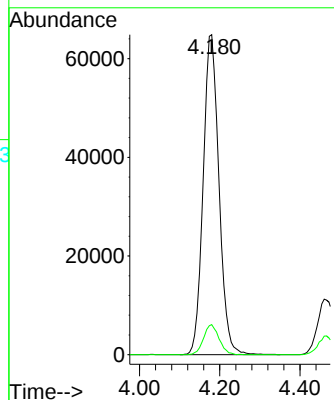
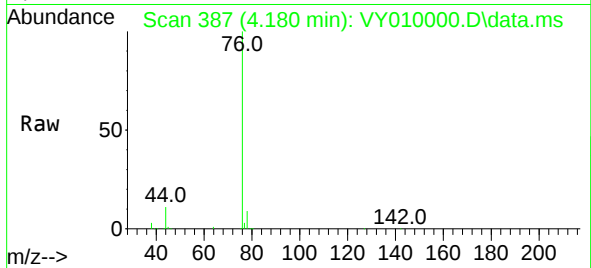




#17
Carbon Disulfide
Concen: 49.985 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

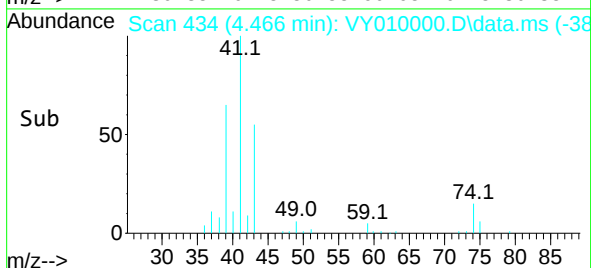
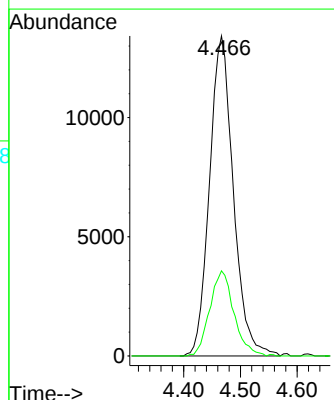
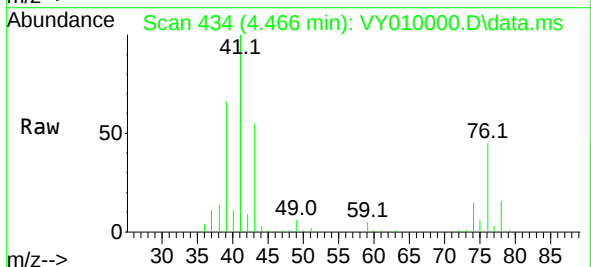
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

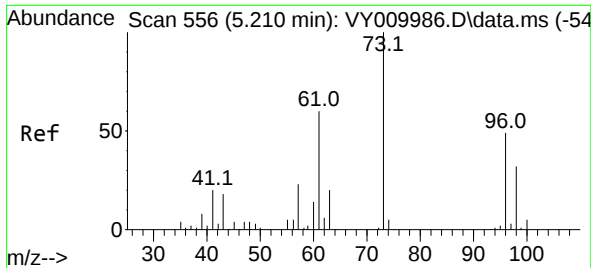
Tgt Ion: 76 Resp: 177698
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 57.954 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 43 Resp: 39198
Ion Ratio Lower Upper
43 100
74 26.9 18.8 28.2

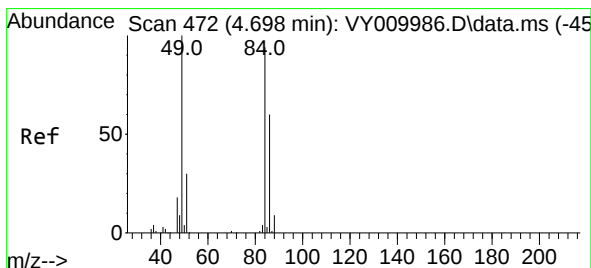
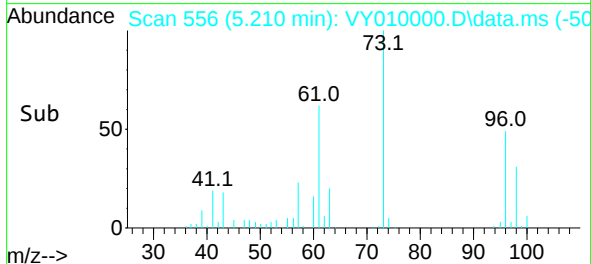
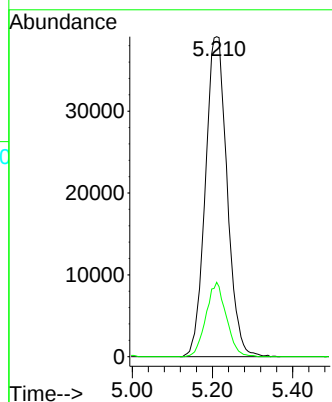
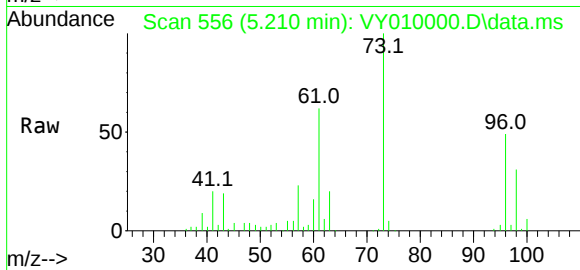




#19
Methyl tert-butyl Ether
Concen: 55.080 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

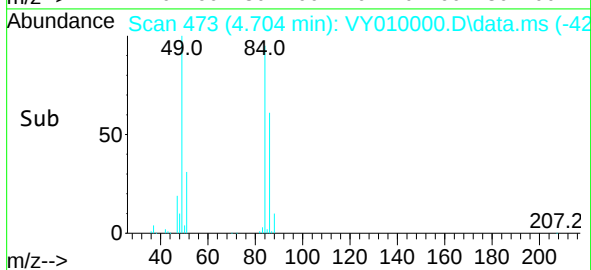
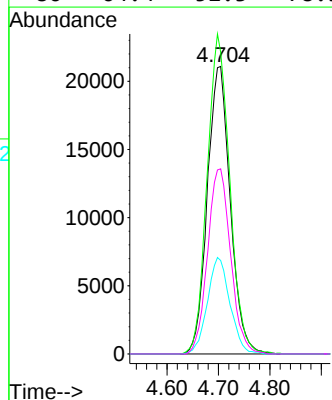
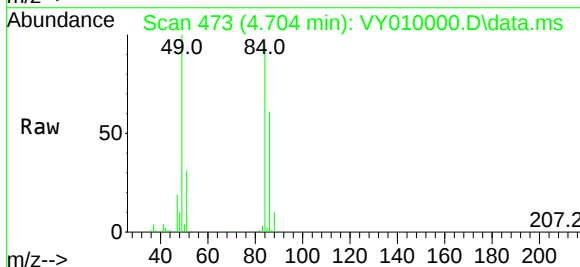
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

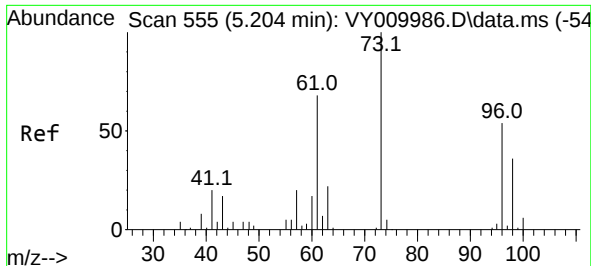
Tgt Ion: 73 Resp: 147020
Ion Ratio Lower Upper
73 100
57 23.3 18.5 27.7



#20
Methylene Chloride
Concen: 50.545 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 84 Resp: 65327
Ion Ratio Lower Upper
84 100
49 104.9 98.2 147.4
51 32.5 33.4 50.0#
86 64.4 52.3 78.5

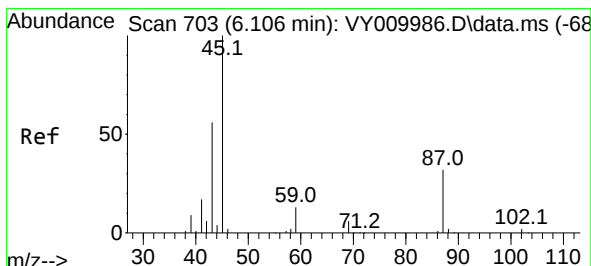
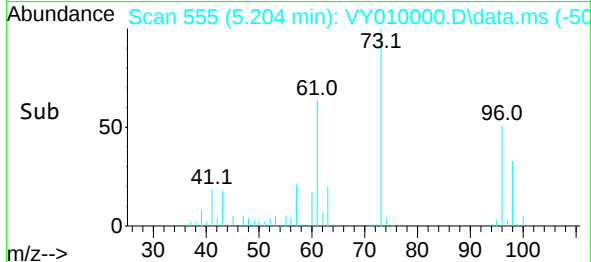
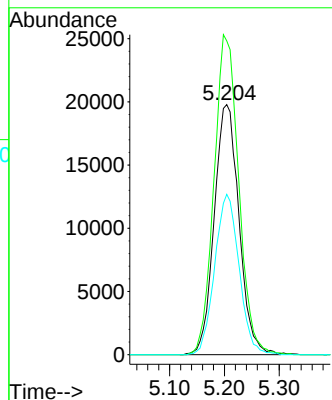
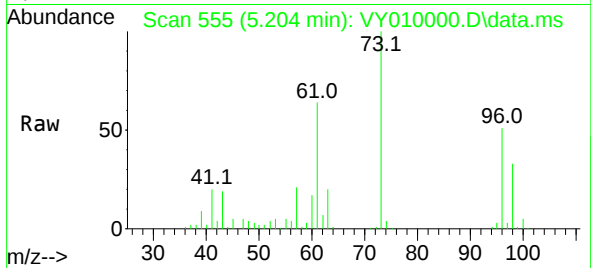




#21
trans-1,2-Dichloroethene
Concen: 51.257 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

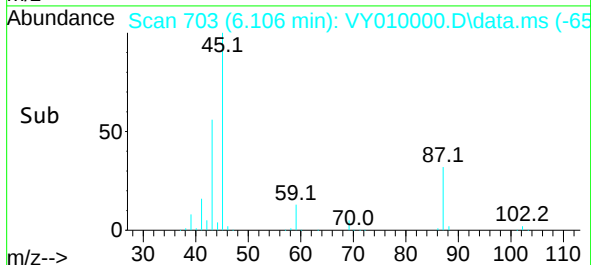
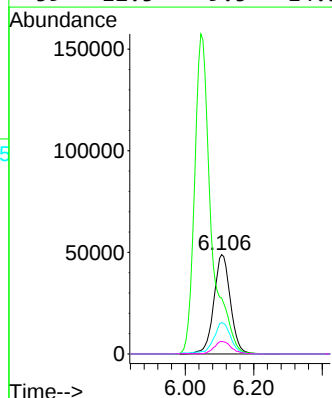
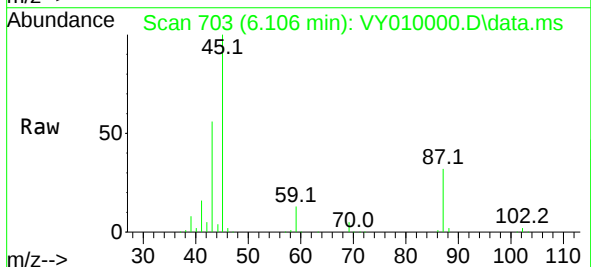
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

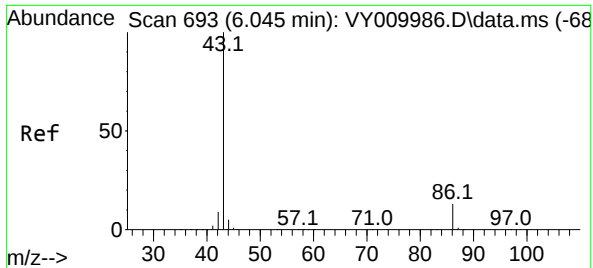
Tgt Ion: 96 Resp: 62224
Ion Ratio Lower Upper
96 100
61 125.5 105.8 158.6
98 64.1 49.7 74.5



#22
Diisopropyl ether
Concen: 53.455 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 45 Resp: 164585
Ion Ratio Lower Upper
45 100
43 56.2 43.7 65.5
87 31.6 22.2 33.4
59 12.5 9.5 14.3

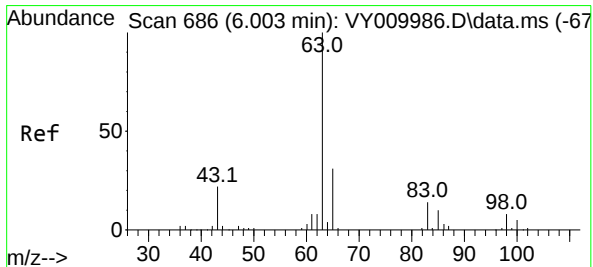
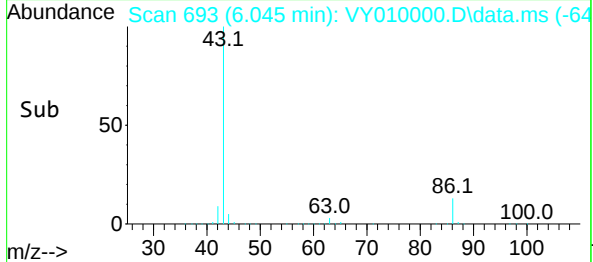
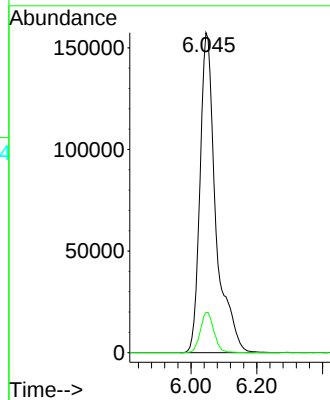
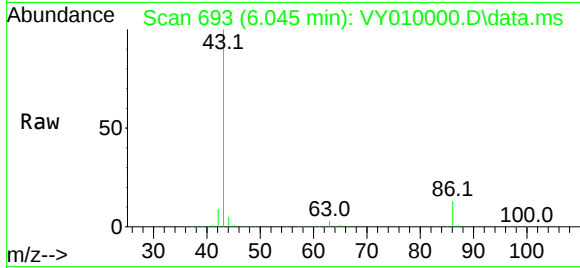




#23
 Vinyl Acetate
 Concen: 277.220 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

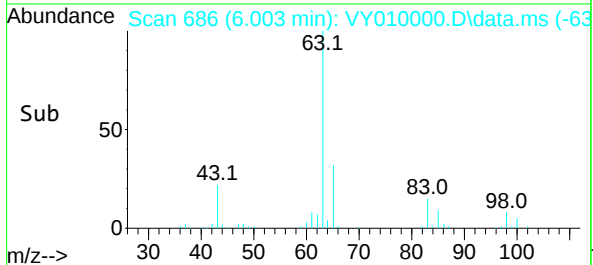
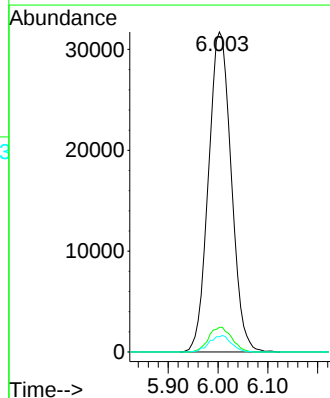
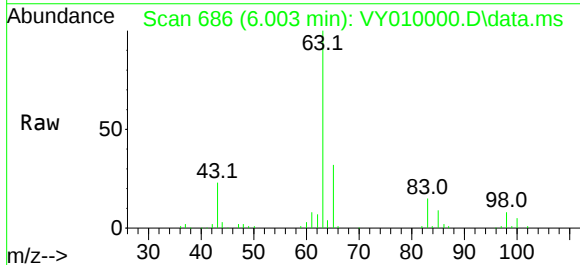
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

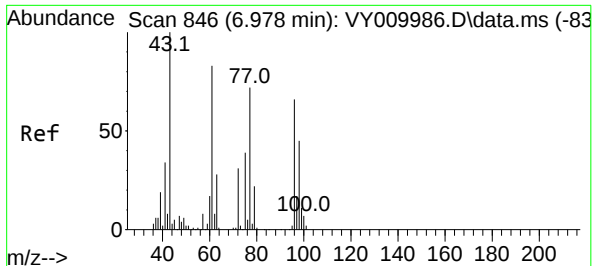
Tgt Ion: 43 Resp: 527398
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 51.365 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion: 63 Resp: 100919
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.7 2.8 8.3





#25

2-Butanone

Concen: 250.926 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

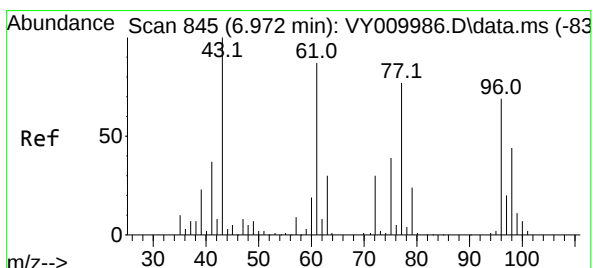
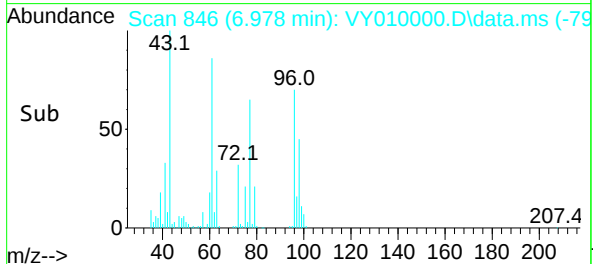
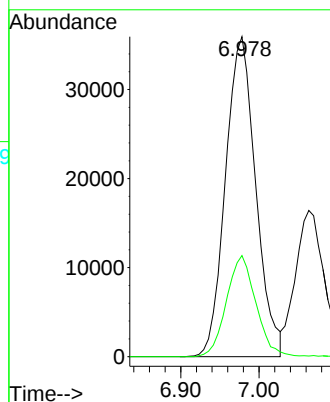
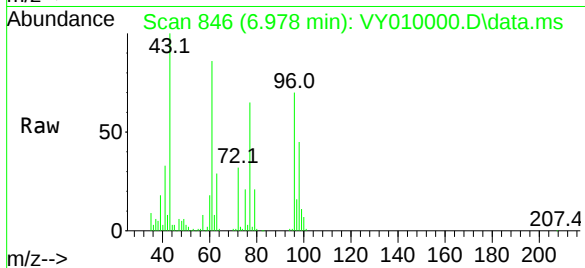
VSTDCCC050EC

Tgt Ion: 43 Resp: 96495

Ion Ratio Lower Upper

43 100

72 31.6 21.5 32.3



#26

2,2-Dichloropropane

Concen: 45.231 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010000.D

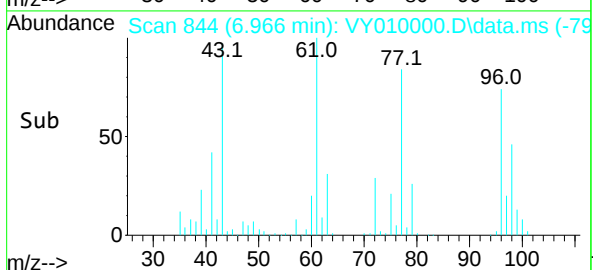
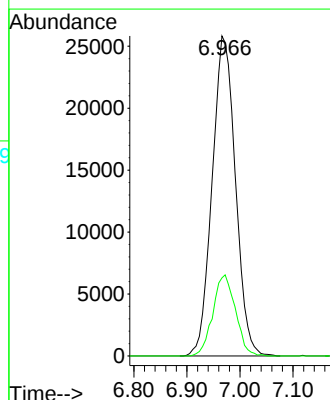
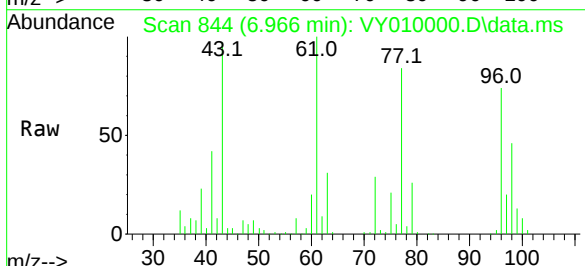
Acq: 12 Aug 2022 20:45

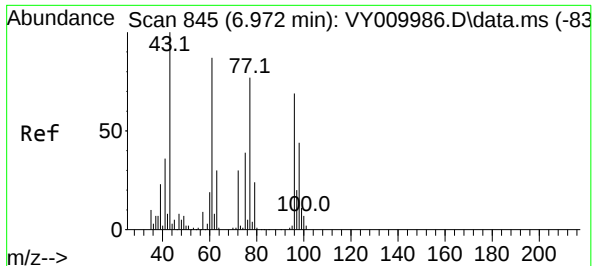
Tgt Ion: 77 Resp: 78767

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.688 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

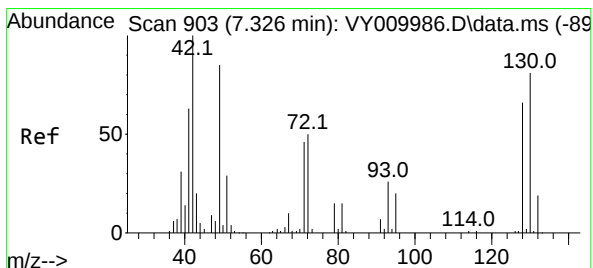
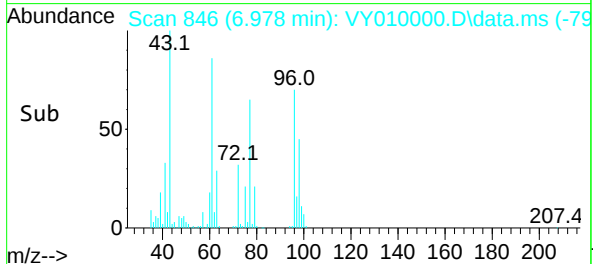
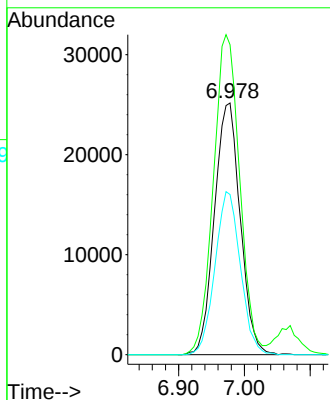
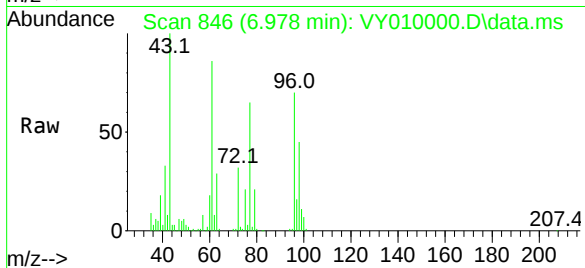
Tgt Ion: 96 Resp: 68708

Ion Ratio Lower Upper

96 100

61 129.7 0.0 285.6

98 63.7 0.0 131.0



#28

Bromochloromethane

Concen: 52.282 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

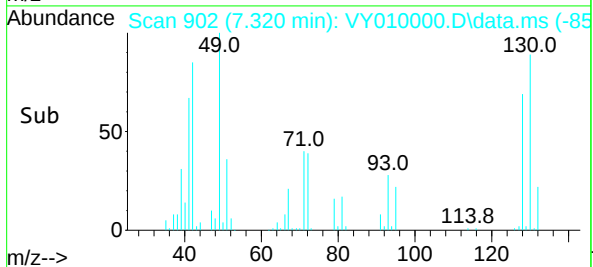
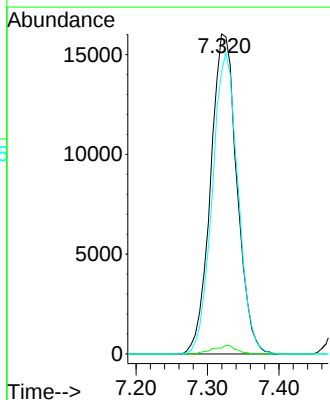
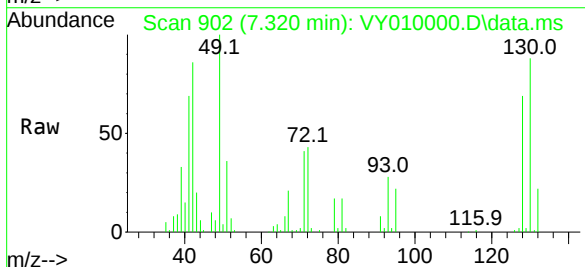
Tgt Ion: 49 Resp: 41028

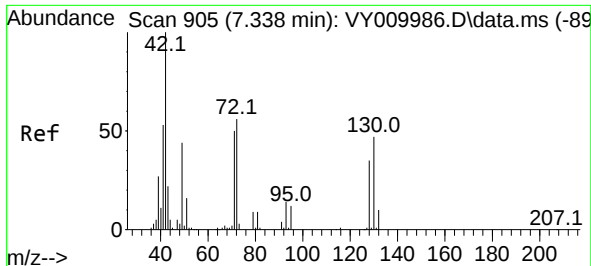
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 91.7 64.1 96.1





#29

Tetrahydrofuran

Concen: 267.183 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

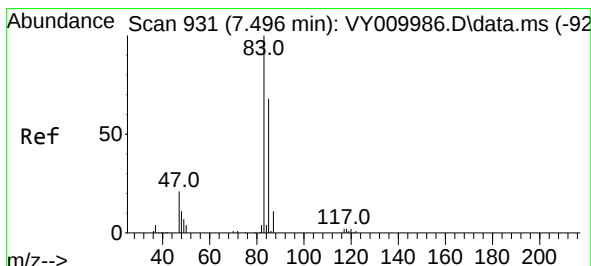
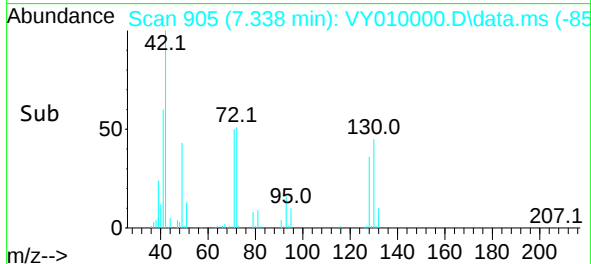
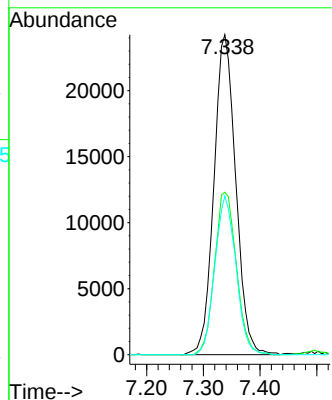
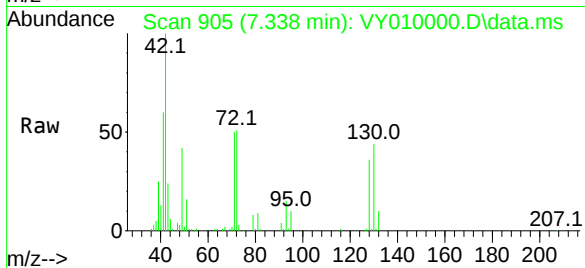
Tgt Ion: 42 Resp: 64935

Ion Ratio Lower Upper

42 100

72 50.8 34.6 52.0

71 48.0 32.7 49.1



#30

Chloroform

Concen: 52.155 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010000.D

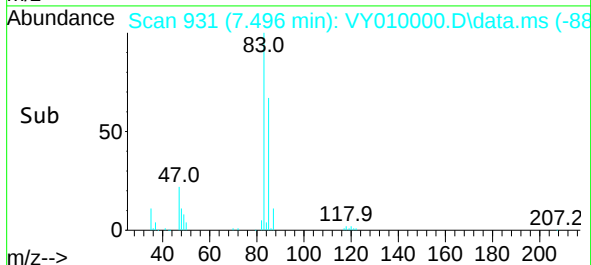
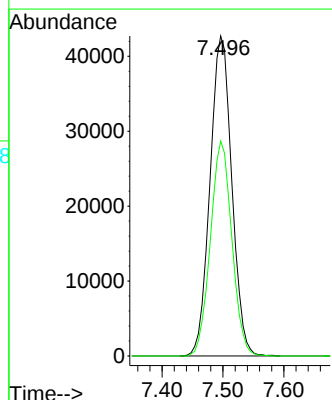
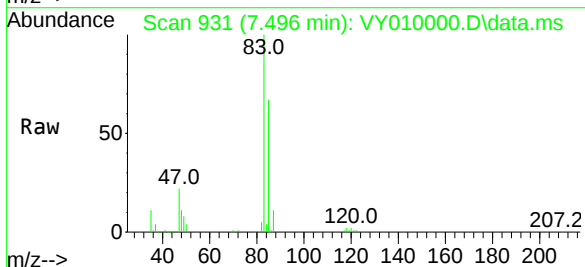
Acq: 12 Aug 2022 20:45

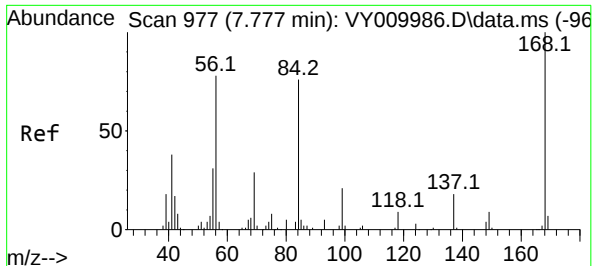
Tgt Ion: 83 Resp: 105958

Ion Ratio Lower Upper

83 100

85 67.2 50.5 75.7

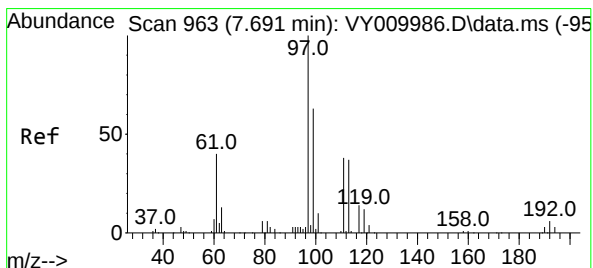
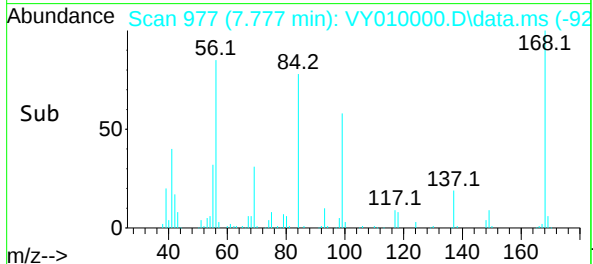
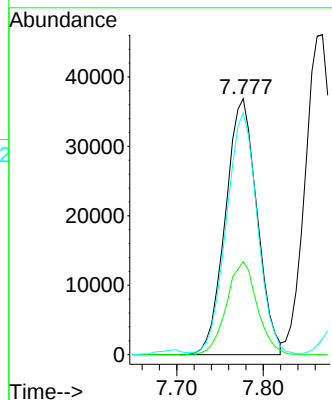
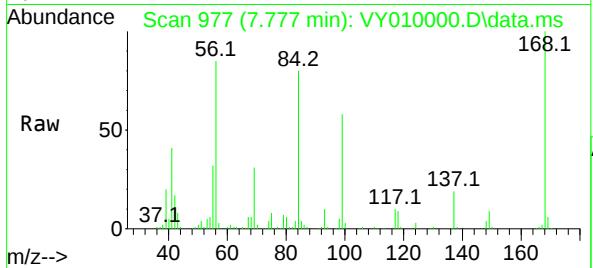




#31
Cyclohexane
Concen: 50.581 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

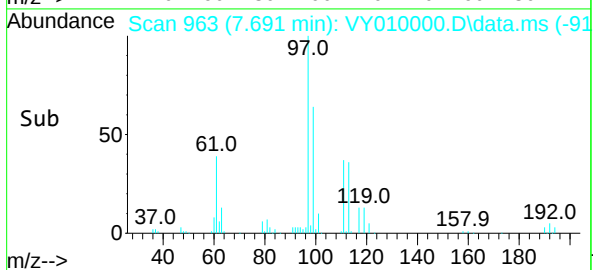
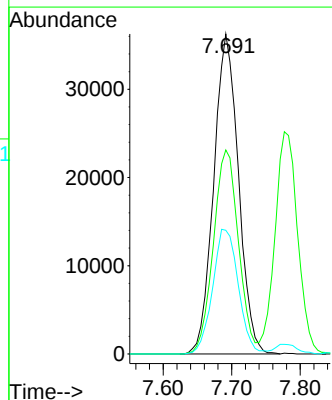
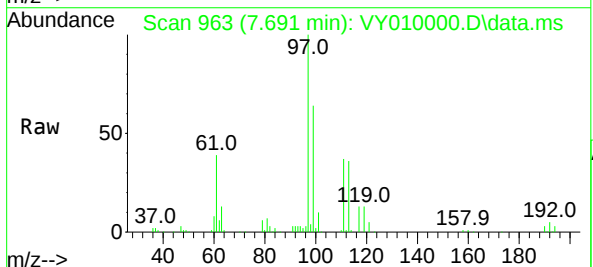
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

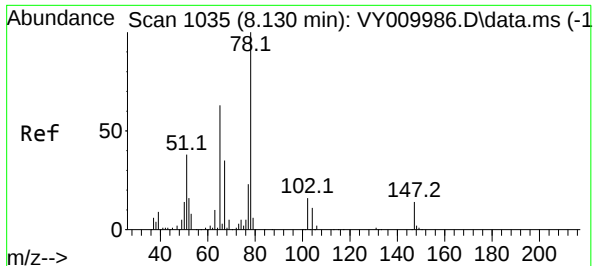
Tgt Ion: 56 Resp: 93423
Ion Ratio Lower Upper
56 100
69 36.3 26.0 39.0
84 93.1 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 52.614 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 97 Resp: 90828
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 40.5 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 52.395 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

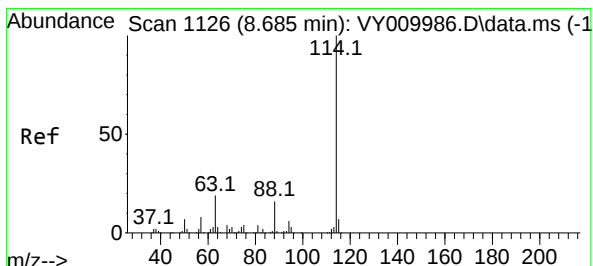
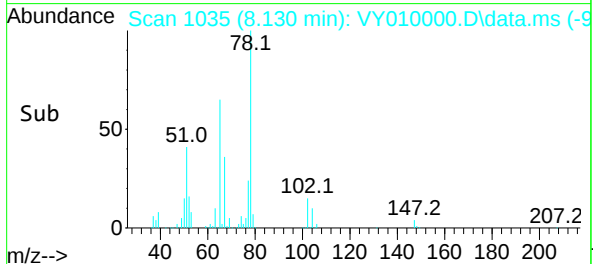
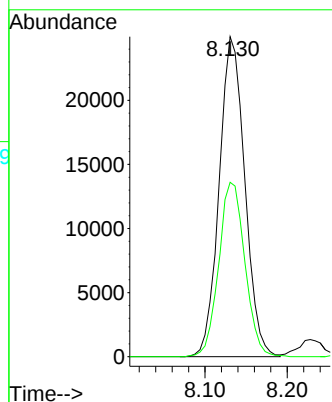
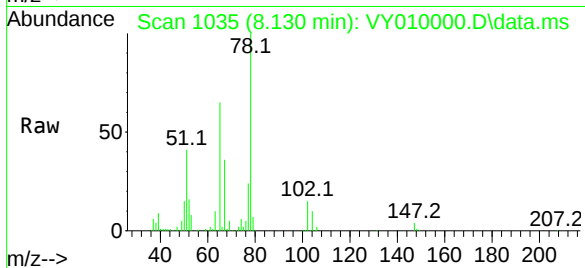
VSTDCCC050EC

Tgt Ion: 65 Resp: 54065

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

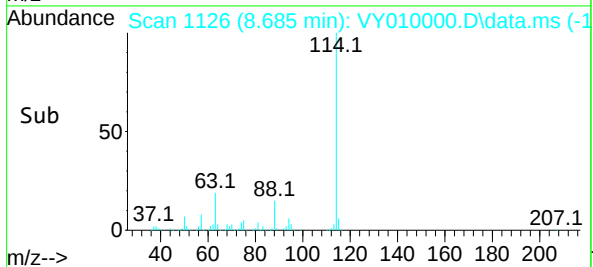
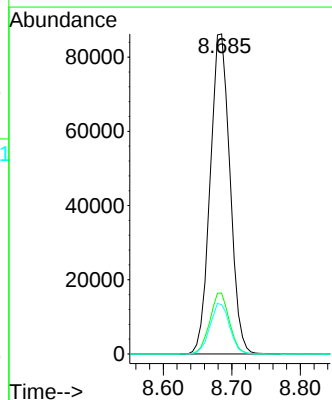
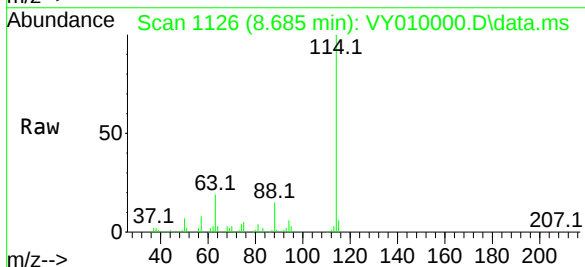
Tgt Ion: 114 Resp: 172808

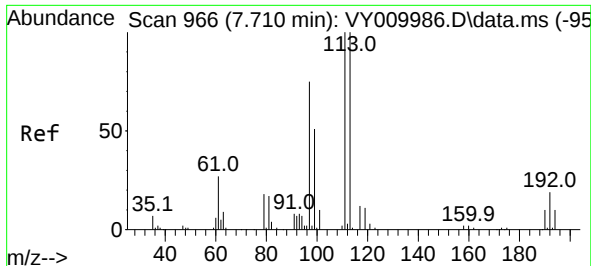
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

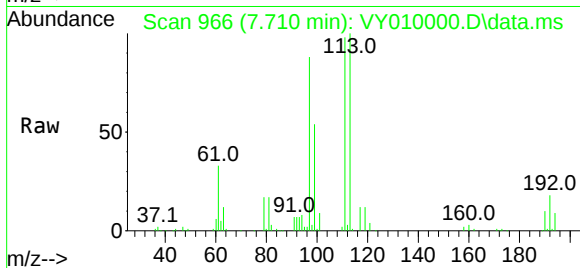
88 15.4 0.0 30.0



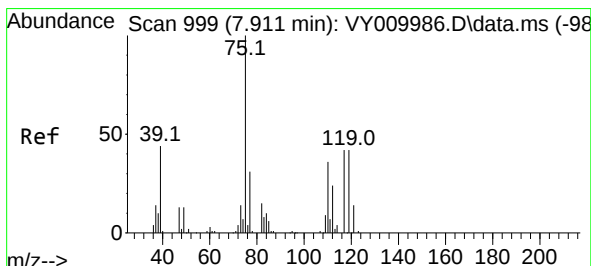
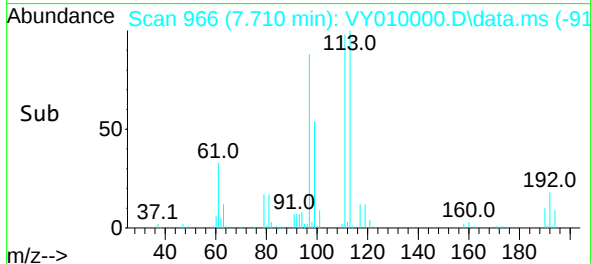
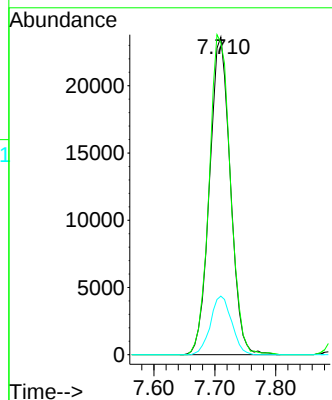


#35
 Dibromofluoromethane
 Concen: 52.951 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

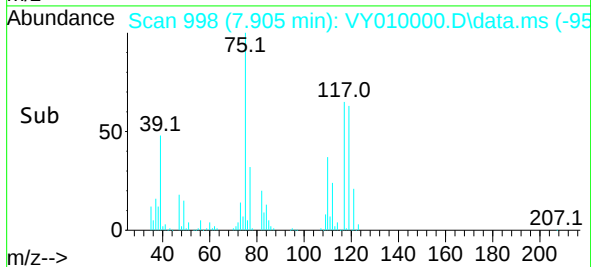
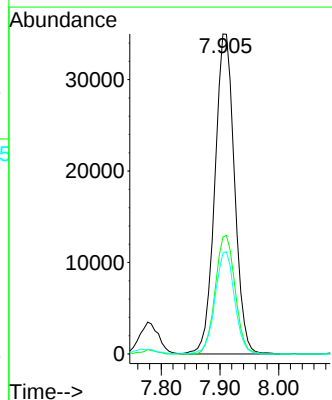
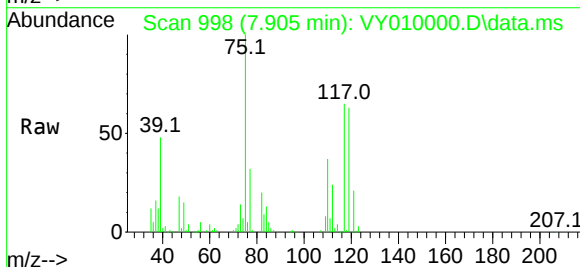


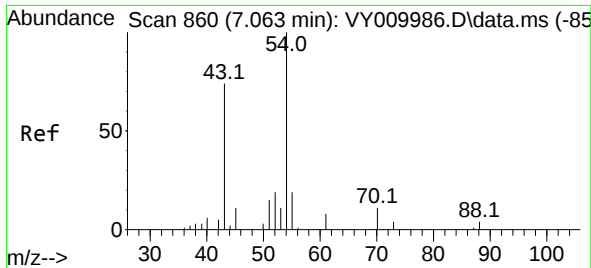
Tgt Ion: 113 Resp: 56004
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.6 120.8
 192 18.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 51.619 ug/l
 RT: 7.905 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion: 75 Resp: 81298
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.6 56.0
 77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 51.508 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

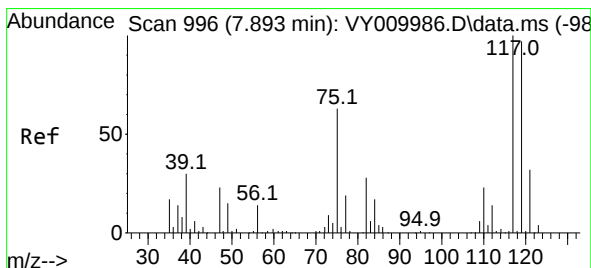
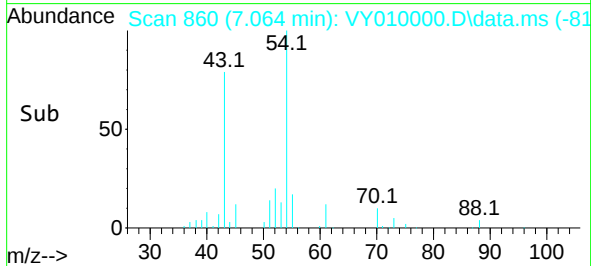
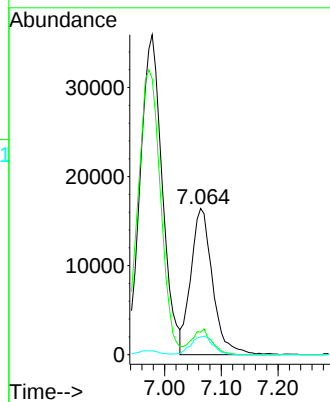
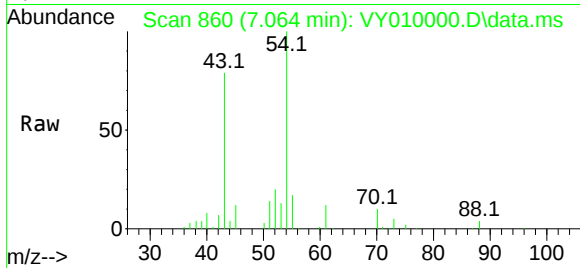
Tgt Ion: 43 Resp: 43782

Ion Ratio Lower Upper

43 100

61 15.9 11.2 16.8

70 12.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 52.756 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

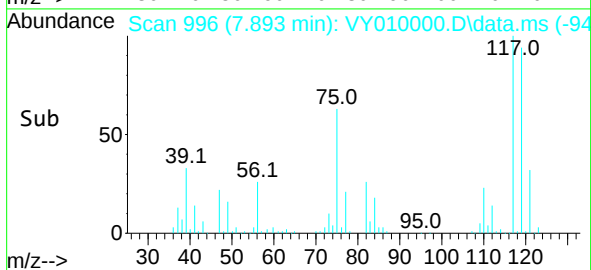
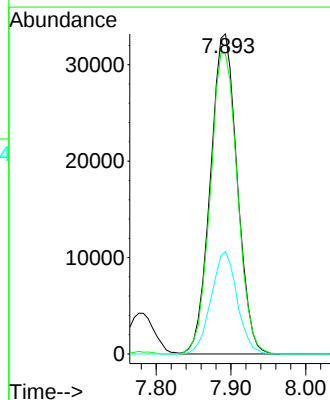
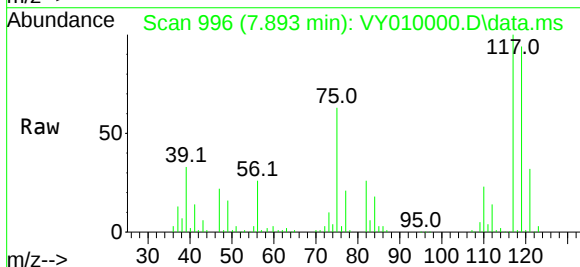
Tgt Ion: 117 Resp: 82918

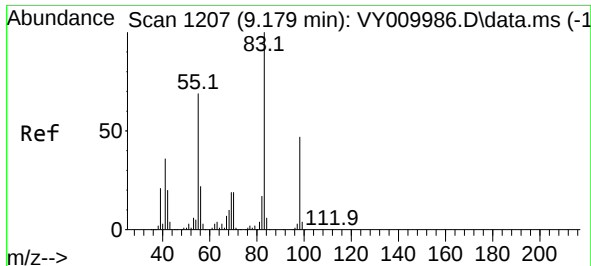
Ion Ratio Lower Upper

117 100

119 93.7 75.9 113.9

121 32.0 24.9 37.3





#39

Methylcyclohexane

Concen: 54.099 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

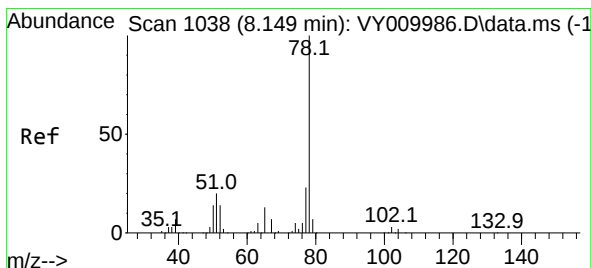
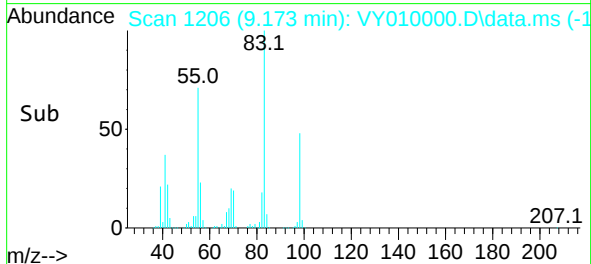
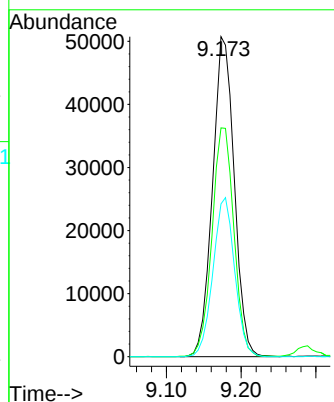
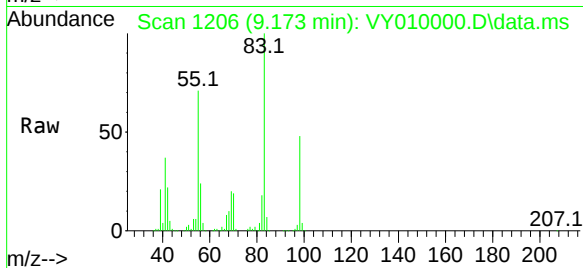
Tgt Ion: 83 Resp: 102594

Ion Ratio Lower Upper

83 100

55 71.3 56.7 85.1

98 47.8 39.9 59.9



#40

Benzene

Concen: 50.473 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY010000.D

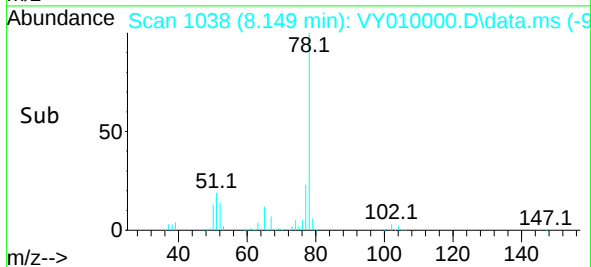
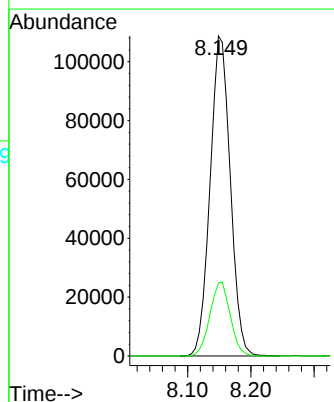
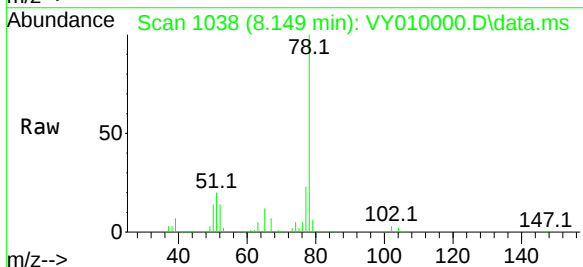
Acq: 12 Aug 2022 20:45

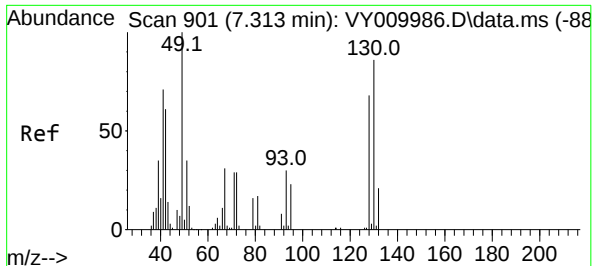
Tgt Ion: 78 Resp: 240558

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0

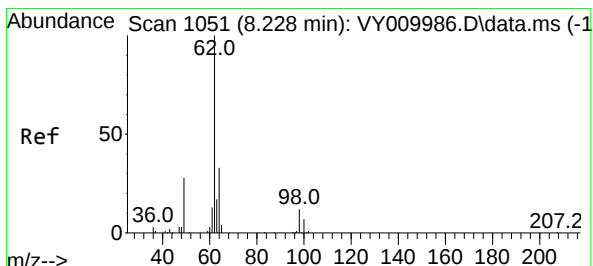
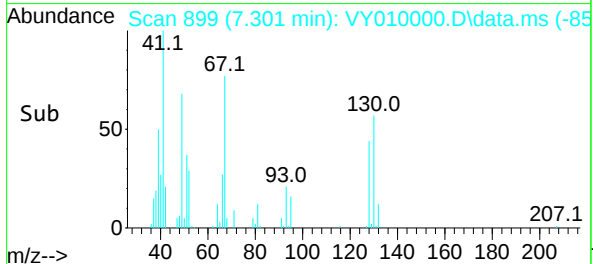
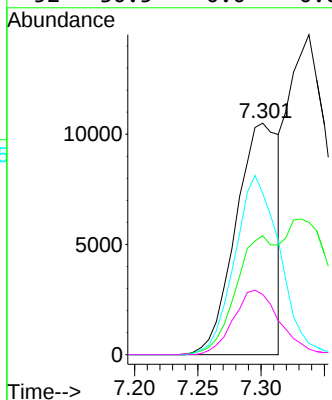
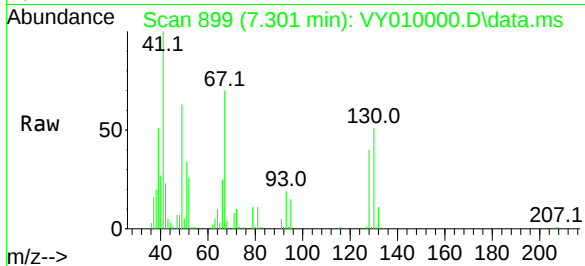




#41
Methacrylonitrile
Concen: 54.528 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

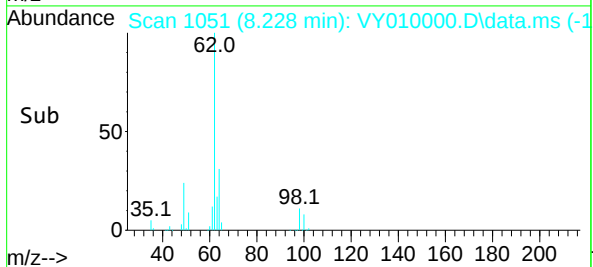
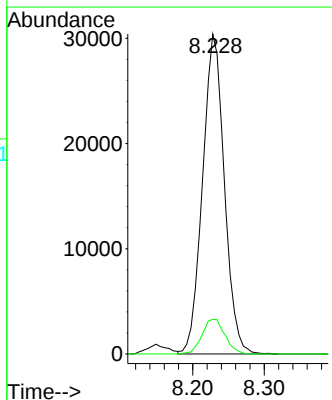
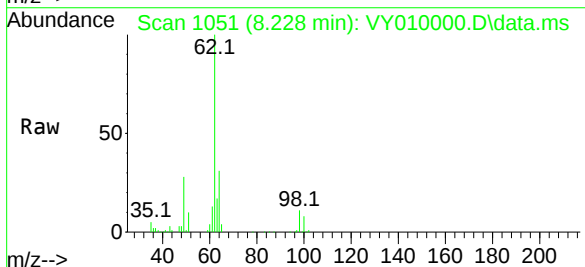
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

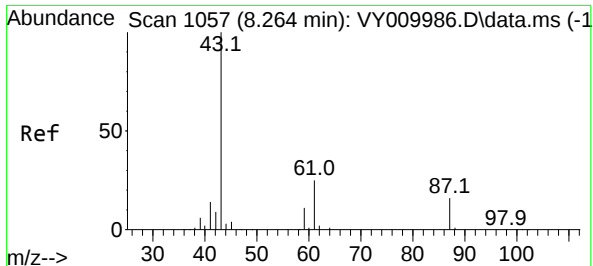
Tgt Ion: 41 Resp: 24619
Ion Ratio Lower Upper
41 100
39 50.5 0.0 0.0#
67 82.2 0.0 0.0#
52 30.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 52.142 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 62 Resp: 64376
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 54.565 ug/l

RT: 8.265 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

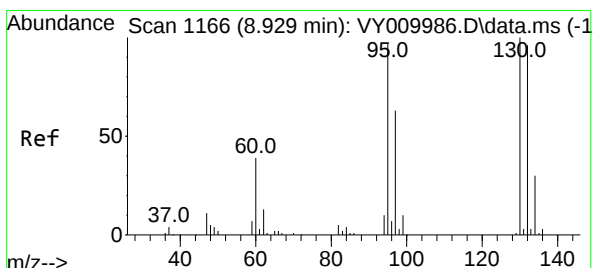
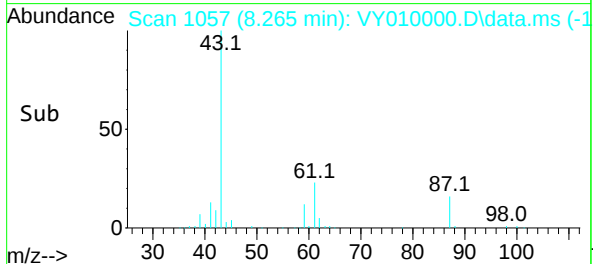
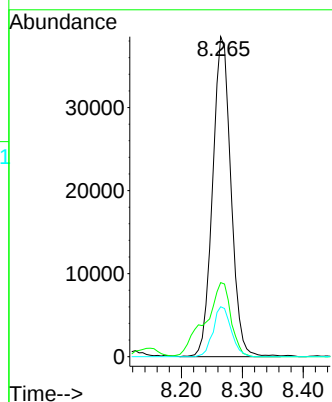
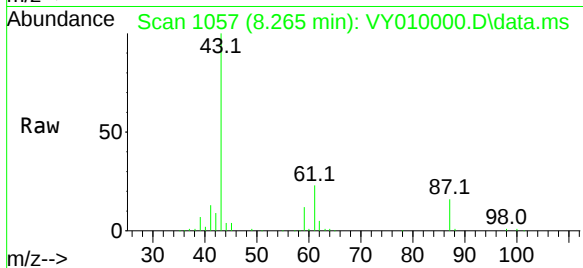
Tgt Ion: 43 Resp: 80507

Ion Ratio Lower Upper

43 100

61 32.5 23.6 35.4

87 15.4 11.3 16.9



#44

Trichloroethene

Concen: 51.897 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY010000.D

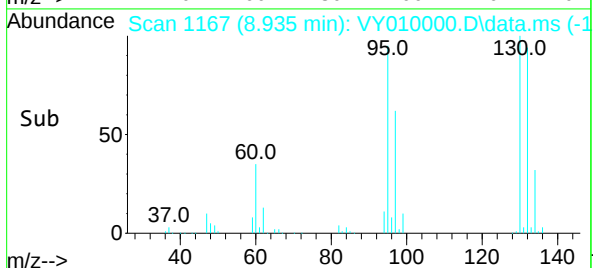
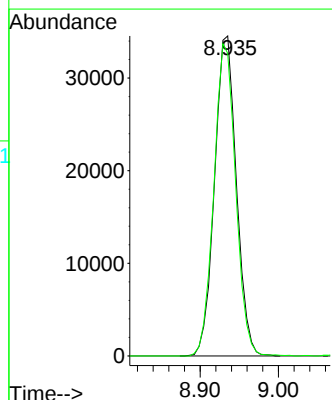
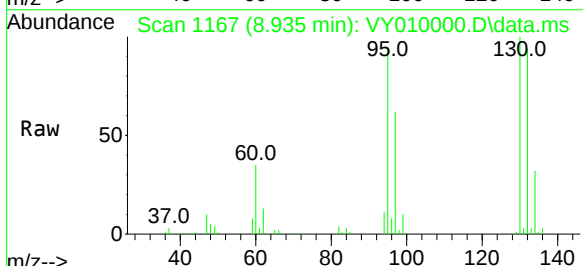
Acq: 12 Aug 2022 20:45

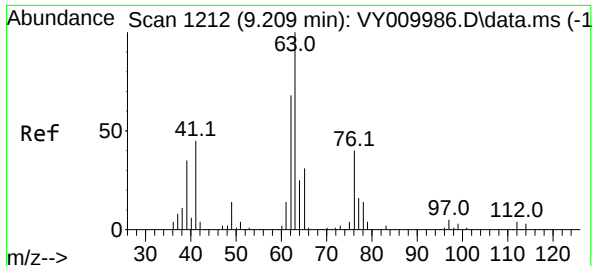
Tgt Ion:130 Resp: 66983

Ion Ratio Lower Upper

130 100

95 94.5 0.0 194.6





#45

1,2-Dichloropropane

Concen: 52.154 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

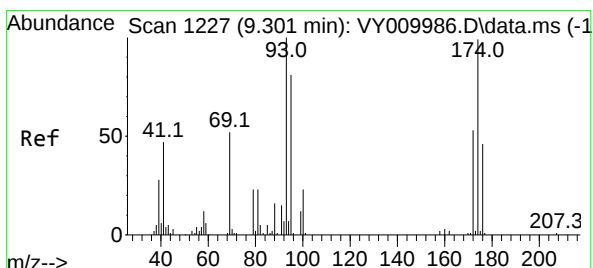
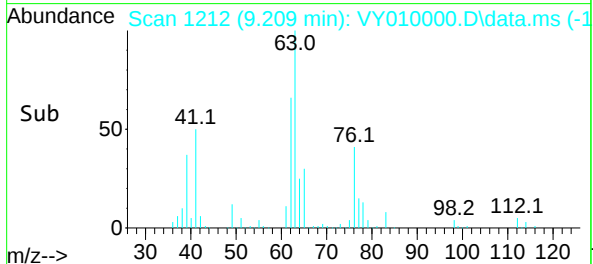
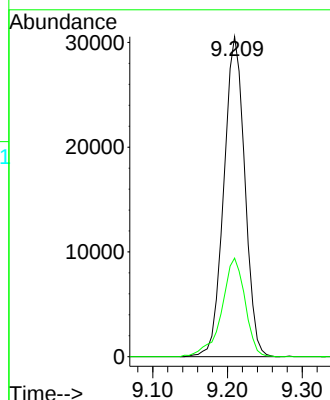
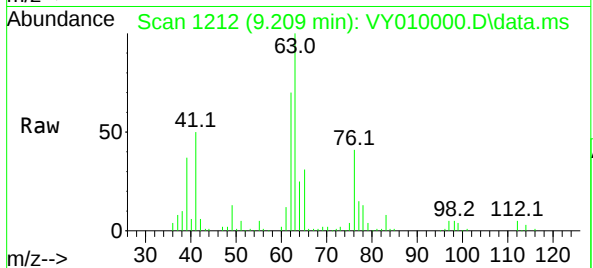
VSTDCCC050EC

Tgt Ion: 63 Resp: 59643

Ion Ratio Lower Upper

63 100

65 30.8 23.7 35.5



#46

Dibromomethane

Concen: 53.237 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

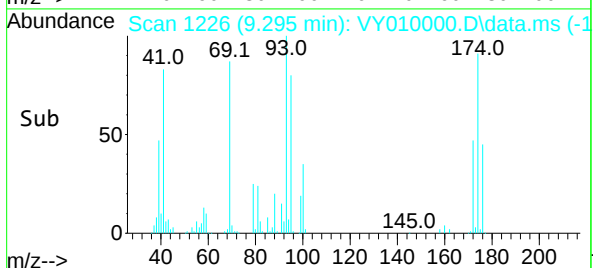
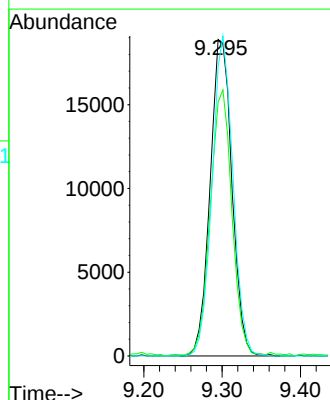
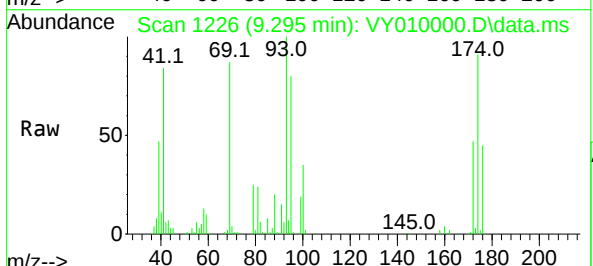
Tgt Ion: 93 Resp: 36653

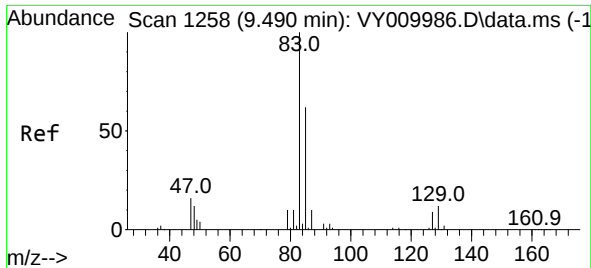
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 96.4 80.6 120.8

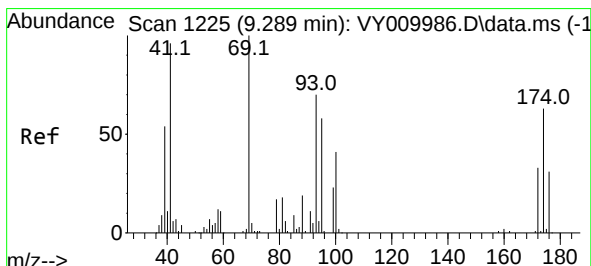
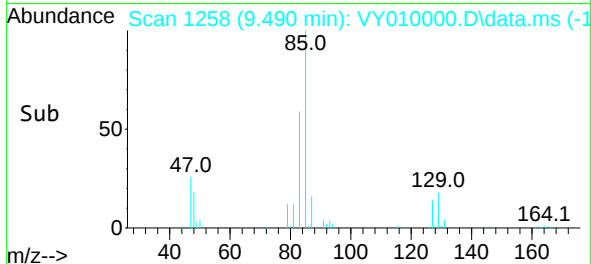
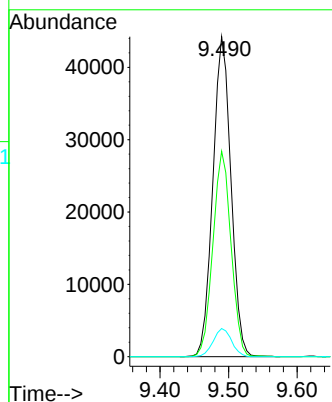
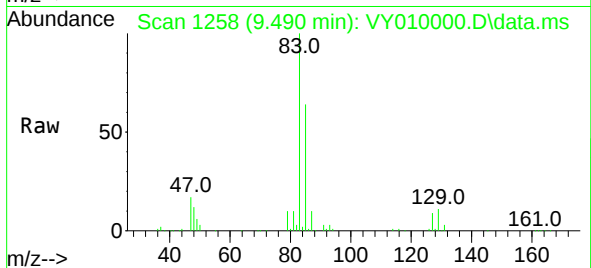




#47
Bromodichloromethane
Concen: 53.101 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

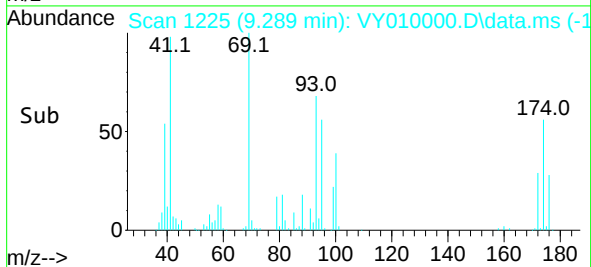
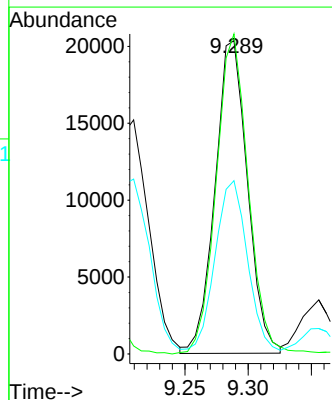
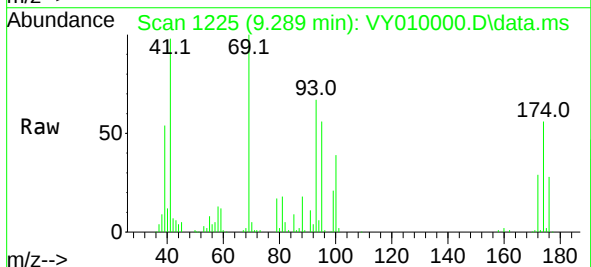
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

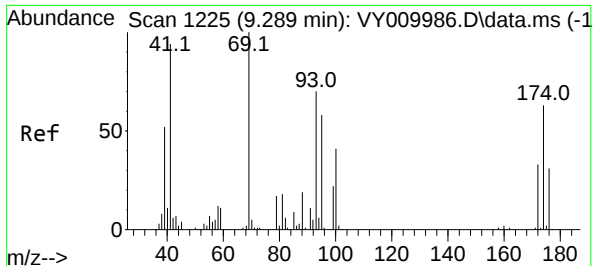
Tgt Ion: 83 Resp: 81278
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 55.927 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 41 Resp: 36206
Ion Ratio Lower Upper
41 100
69 101.2 73.2 109.8
39 53.7 47.5 71.3





#49

1,4-Dioxane

Concen: 1141.262 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

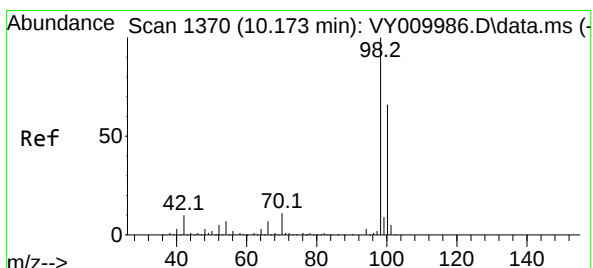
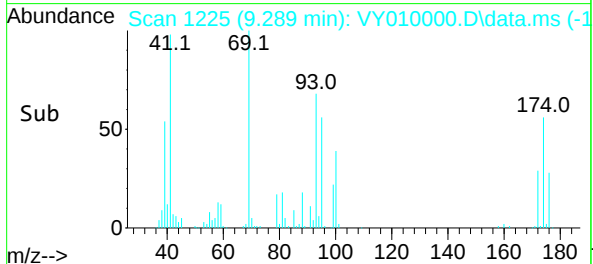
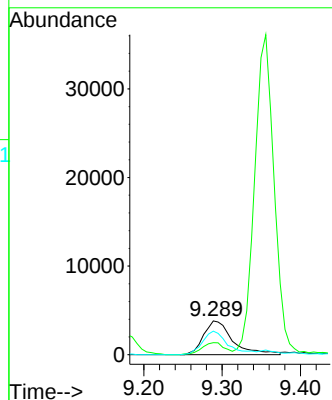
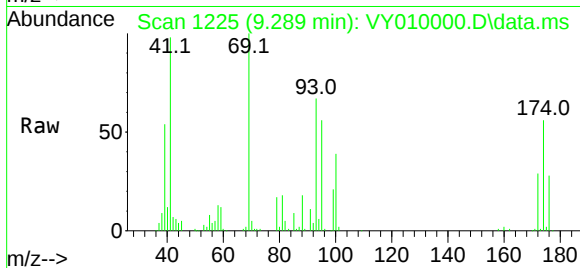
Tgt Ion: 88 Resp: 9857

Ion Ratio Lower Upper

88 100

43 28.3 26.3 39.5

58 61.2 52.6 79.0



#50

Toluene-d8

Concen: 52.898 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY010000.D

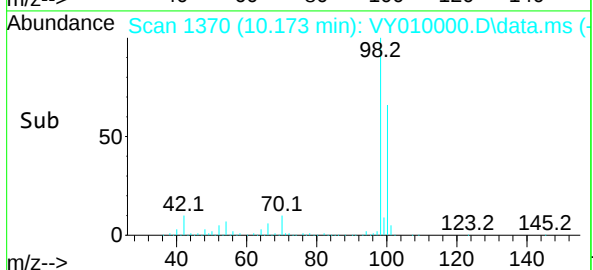
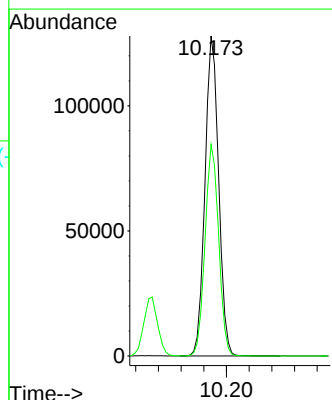
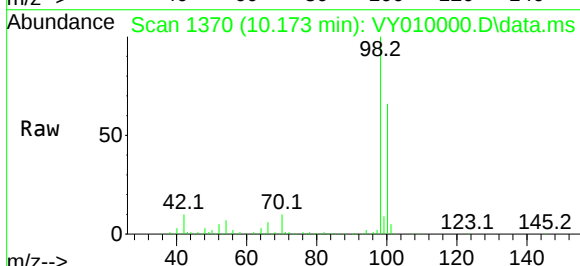
Acq: 12 Aug 2022 20:45

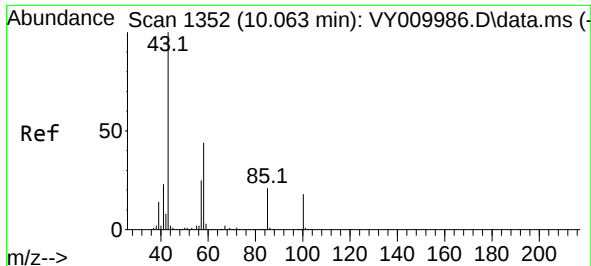
Tgt Ion: 98 Resp: 214372

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

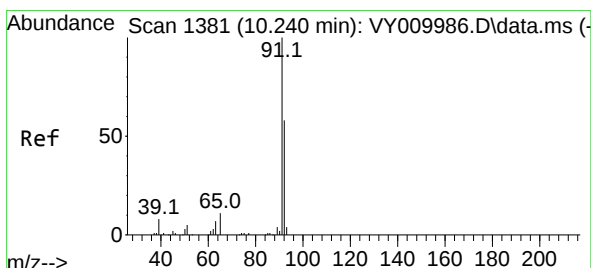
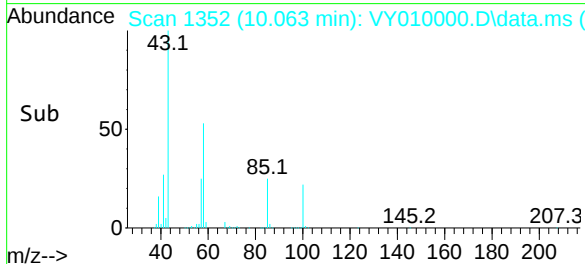
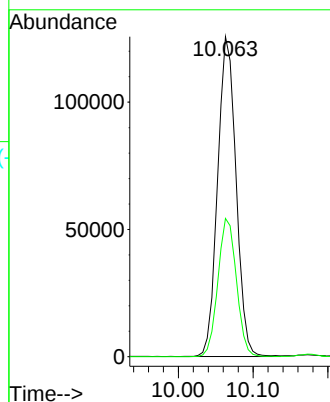
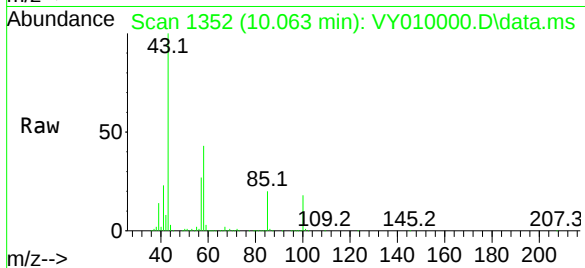




#51
4-Methyl-2-Pentanone
Concen: 269.821 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

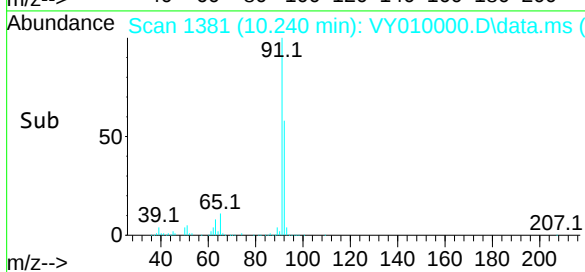
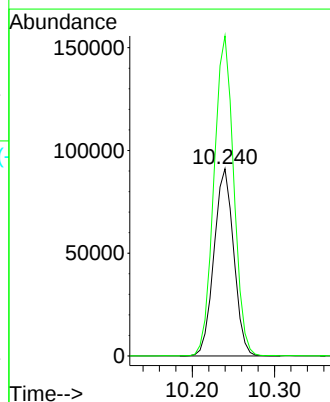
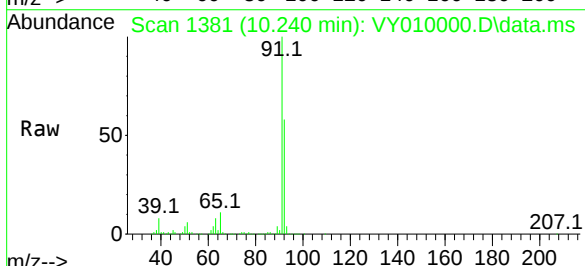
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

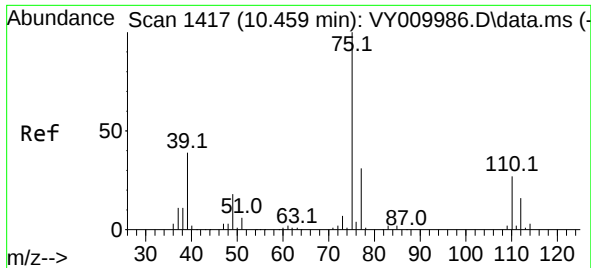
Tgt Ion: 43 Resp: 215837
Ion Ratio Lower Upper
43 100
58 43.5 31.5 47.3



#52
Toluene
Concen: 52.756 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 92 Resp: 151420
Ion Ratio Lower Upper
92 100
91 171.2 138.7 208.1

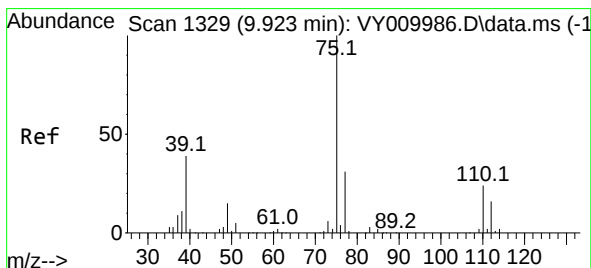
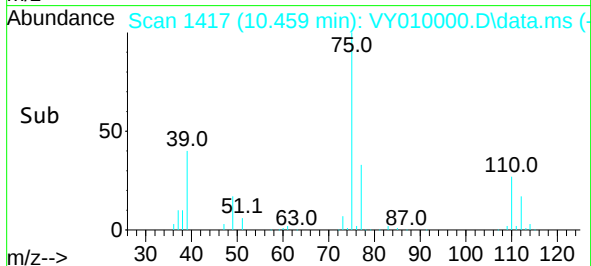
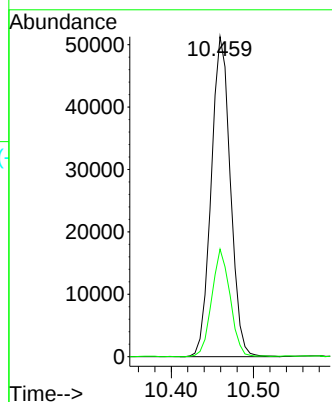
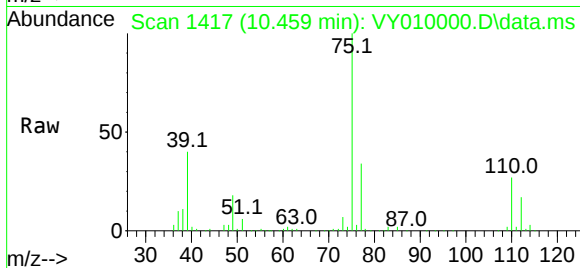




#53
t-1,3-Dichloropropene
Concen: 52.873 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

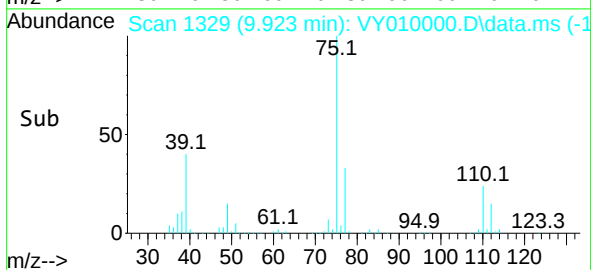
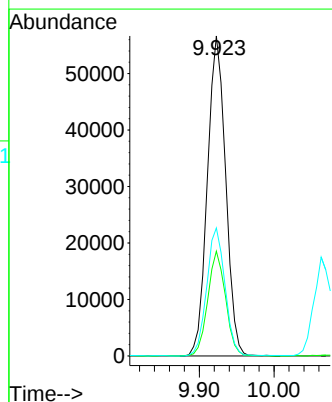
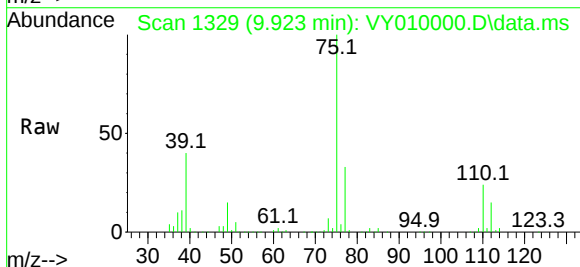
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

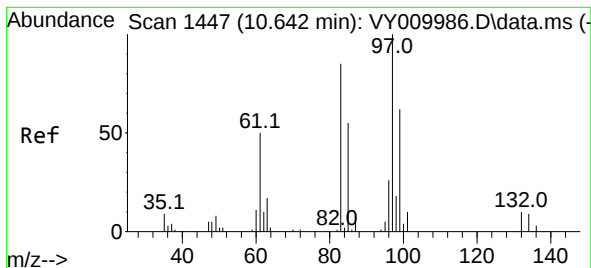
Tgt Ion: 75 Resp: 83172
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.939 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 75 Resp: 96287
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 40.0 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 52.941 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 52130

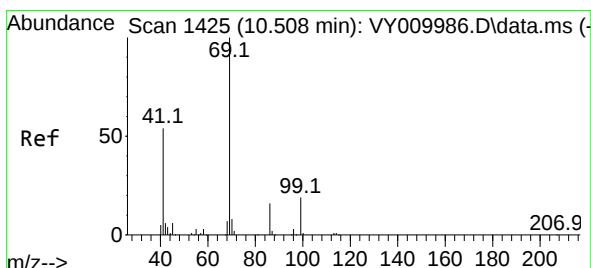
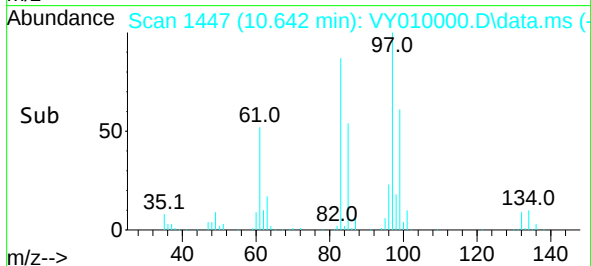
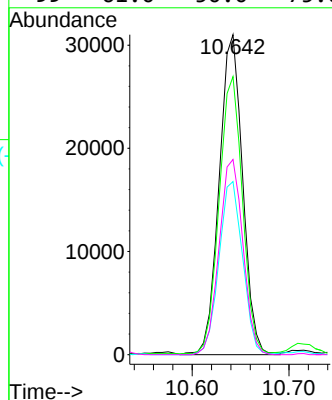
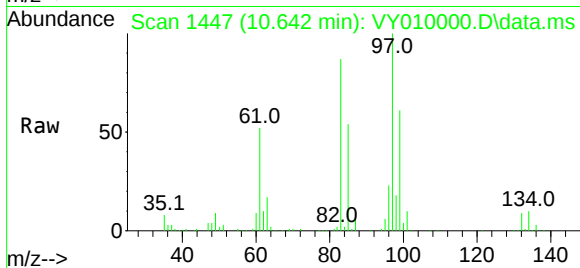
Ion Ratio Lower Upper

97 100

83 86.6 66.9 100.3

85 54.1 44.2 66.4

99 61.0 50.0 75.0



#56

Ethyl methacrylate

Concen: 57.342 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

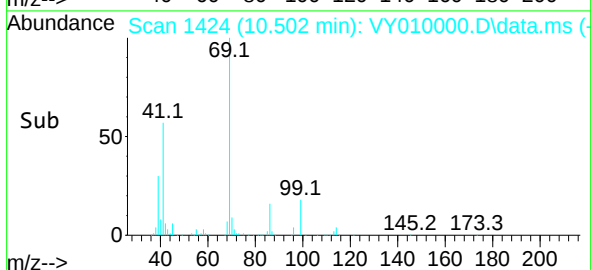
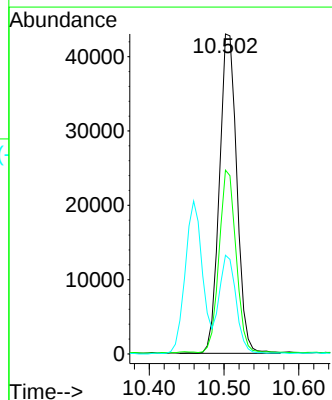
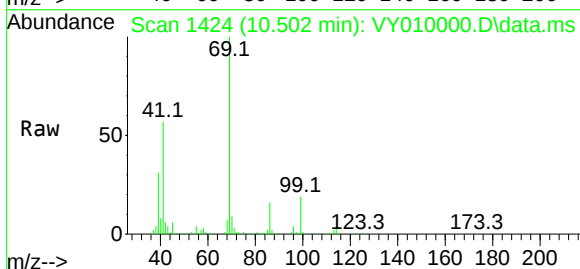
Tgt Ion: 69 Resp: 69813

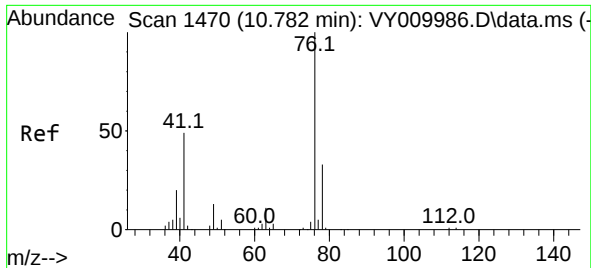
Ion Ratio Lower Upper

69 100

41 55.7 50.4 75.6

39 29.5 27.6 41.4





#57

1,3-Dichloropropane

Concen: 53.232 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

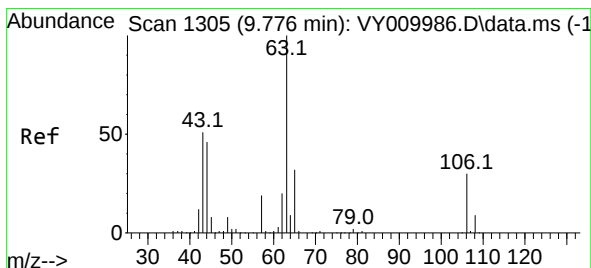
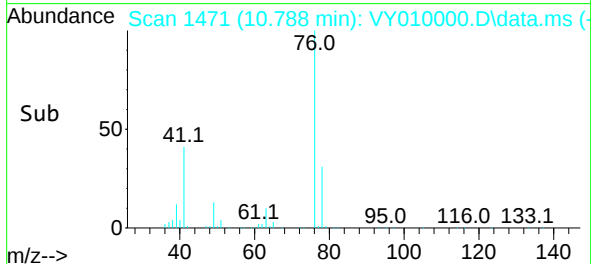
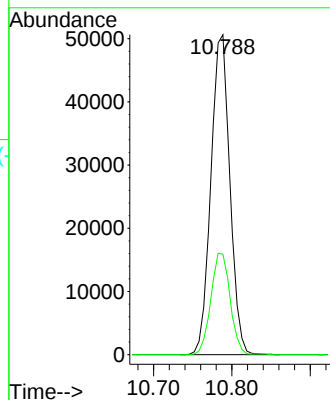
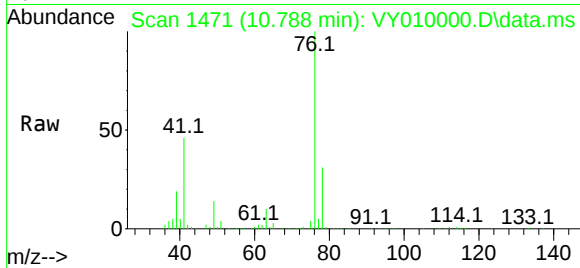
VSTDCCC050EC

Tgt Ion: 76 Resp: 85024

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 242.737 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010000.D

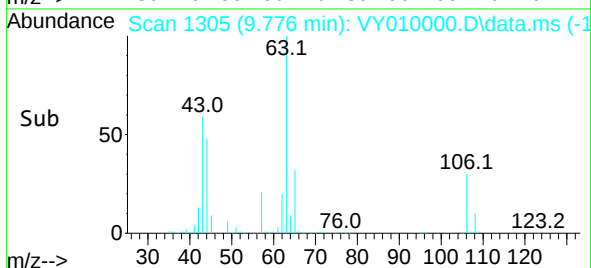
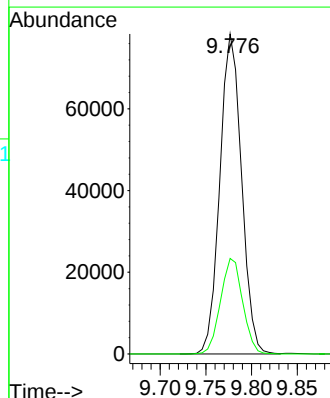
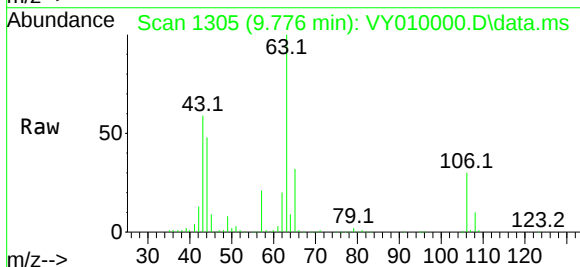
Acq: 12 Aug 2022 20:45

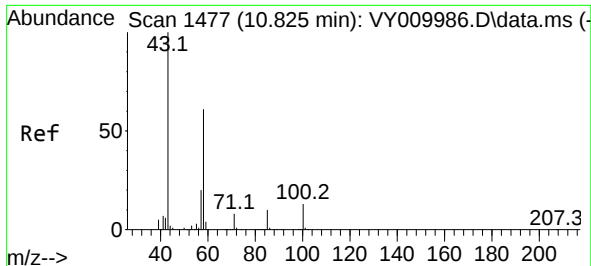
Tgt Ion: 63 Resp: 129353

Ion Ratio Lower Upper

63 100

106 30.4 23.3 34.9

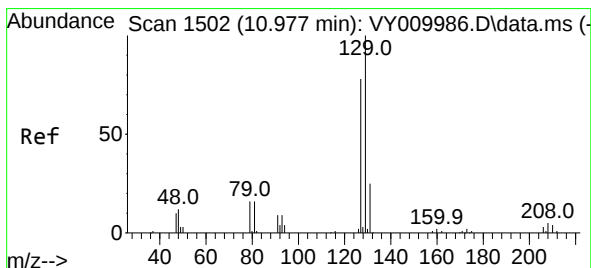
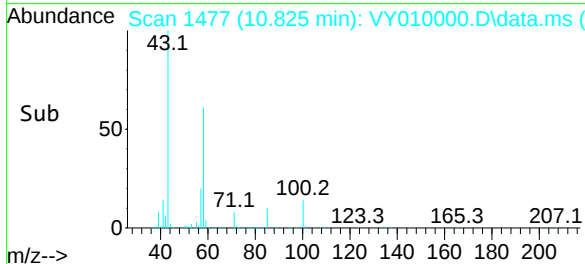
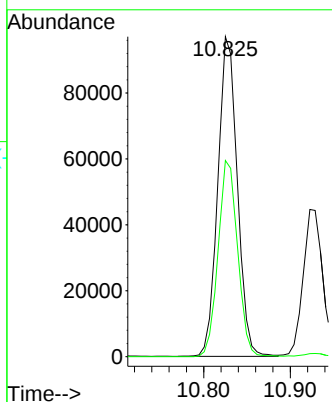
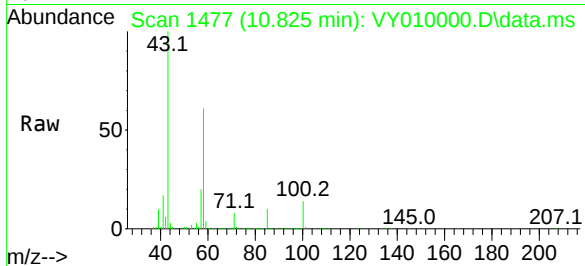




#59
2-Hexanone
Concen: 274.565 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

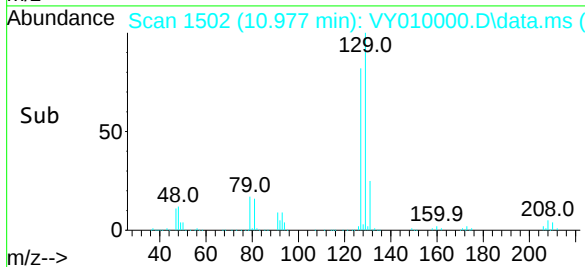
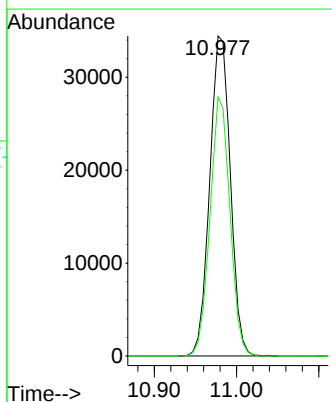
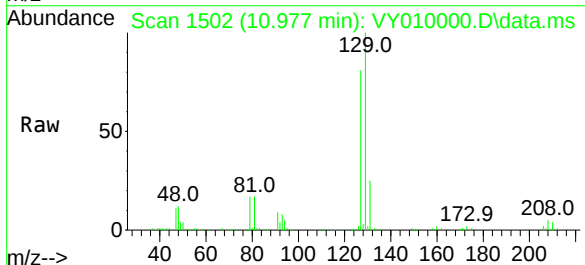
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

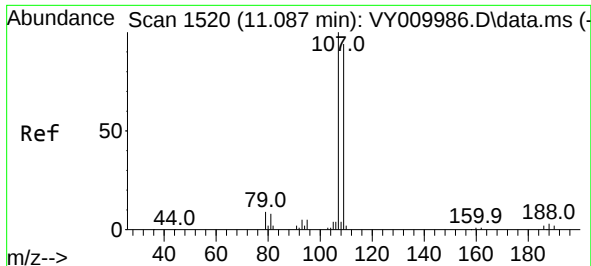
Tgt Ion: 43 Resp: 151555
Ion Ratio Lower Upper
43 100
58 61.5 27.6 82.8



#60
Dibromochloromethane
Concen: 53.320 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 129 Resp: 59963
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

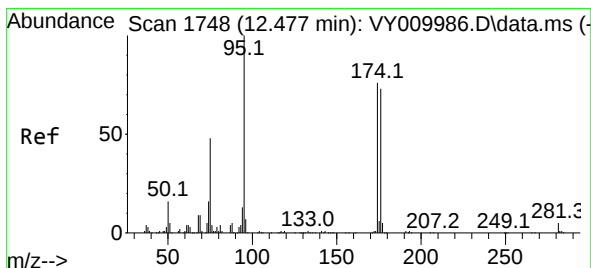
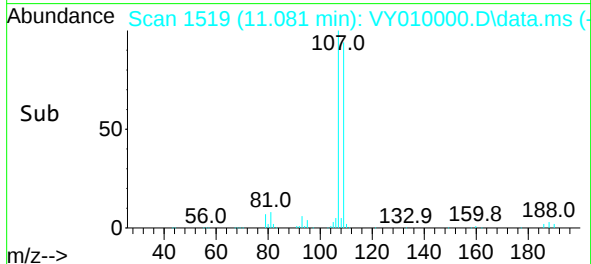
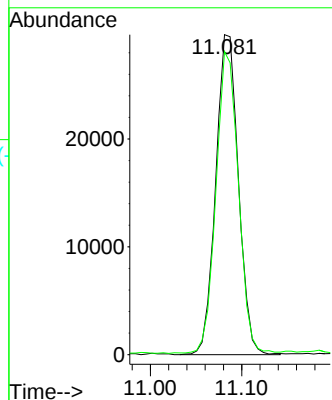
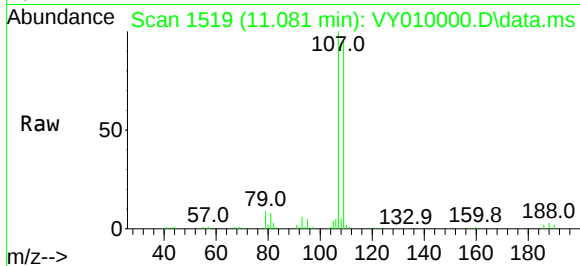




#61
1,2-Dibromoethane
Concen: 54.263 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

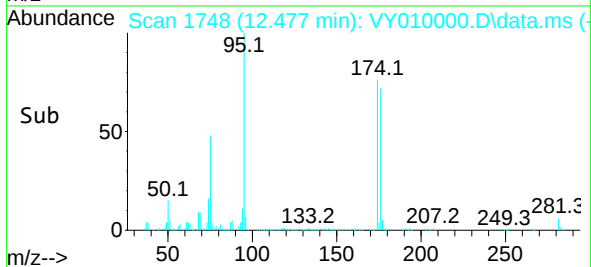
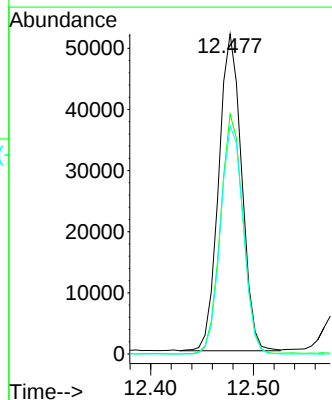
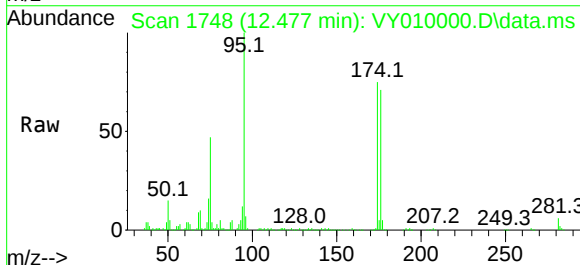
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

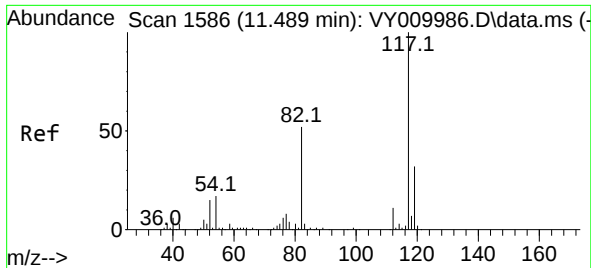
Tgt Ion:107 Resp: 51175
Ion Ratio Lower Upper
107 100
109 93.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.010 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 95 Resp: 80194
Ion Ratio Lower Upper
95 100
174 74.6 0.0 173.8
176 71.8 0.0 167.0

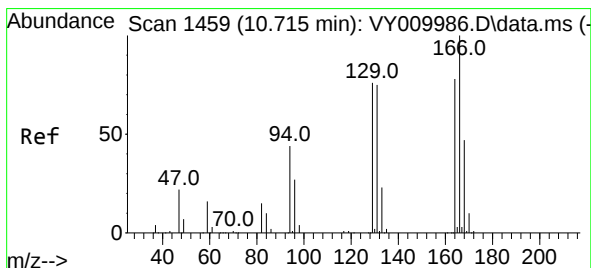
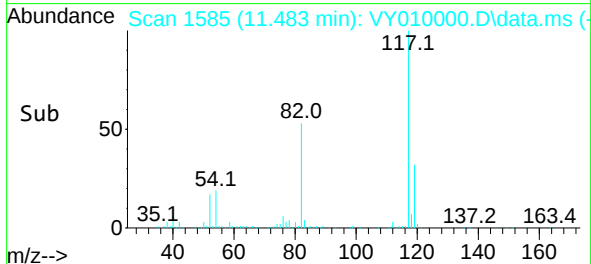
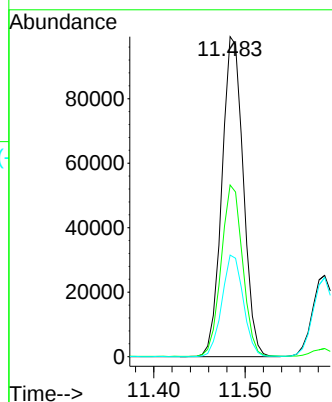
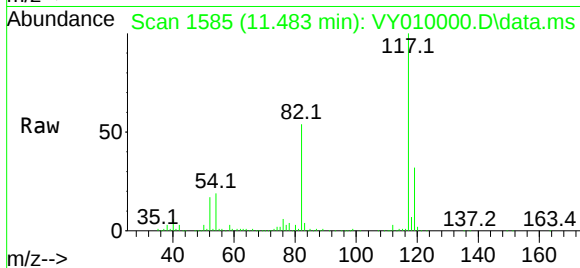




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

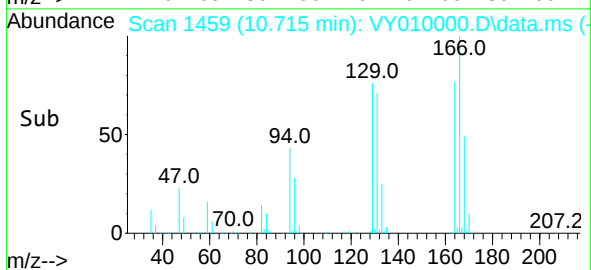
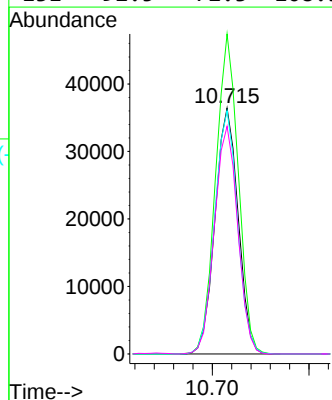
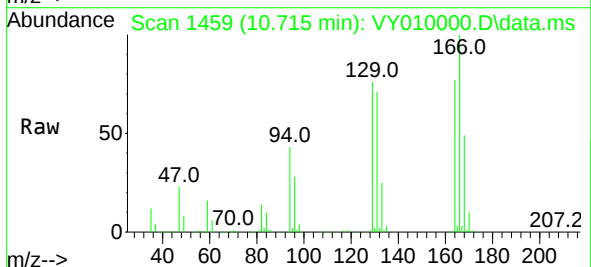
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

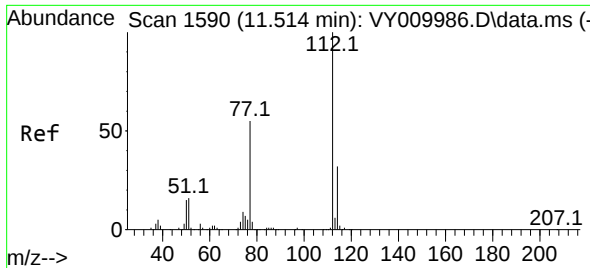
Tgt Ion:117 Resp: 161343
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 51.153 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion:164 Resp: 60294
Ion Ratio Lower Upper
164 100
166 130.1 104.9 157.3
129 98.9 76.5 114.7
131 92.5 72.3 108.5

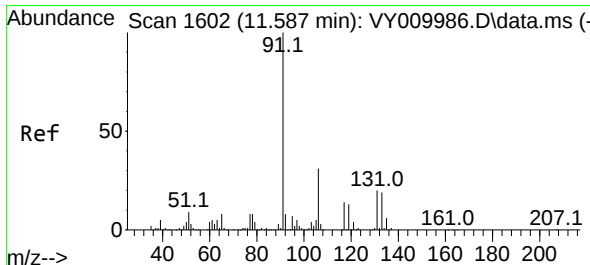
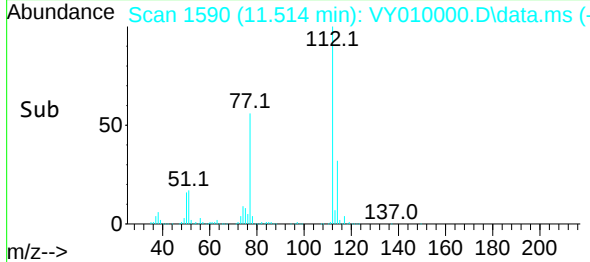
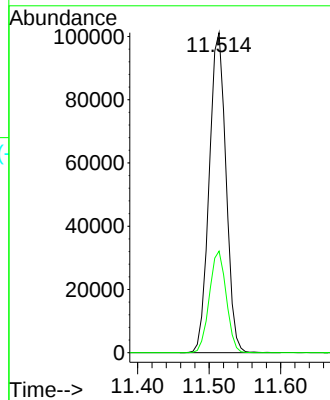
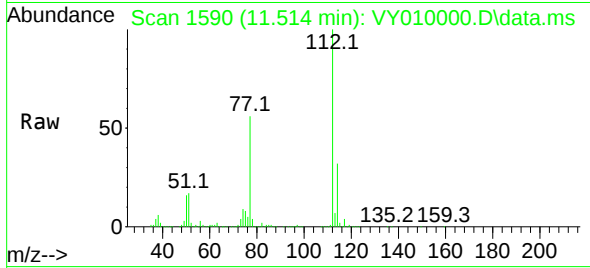




#65
Chlorobenzene
Concen: 50.363 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

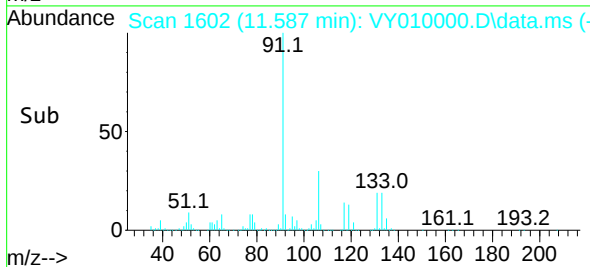
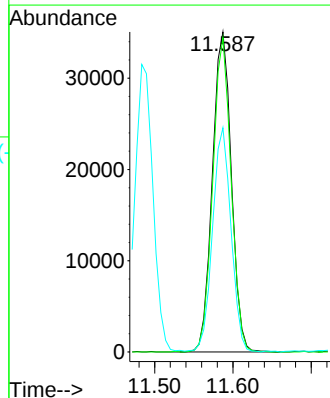
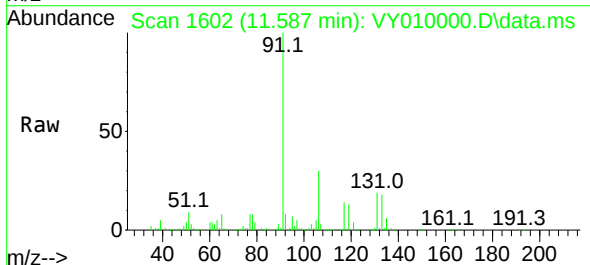
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

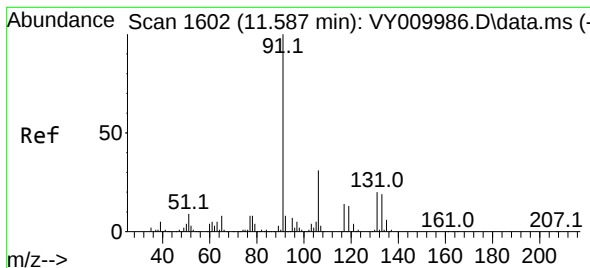
Tgt Ion:112 Resp: 164936
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.465 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion:131 Resp: 58874
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 68.3 32.1 96.3

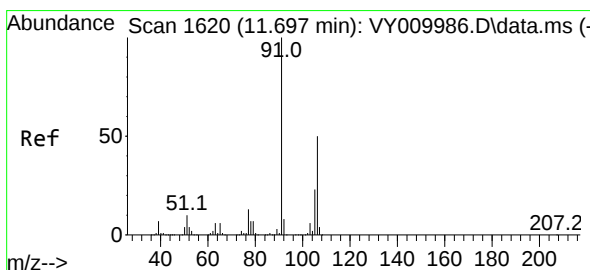
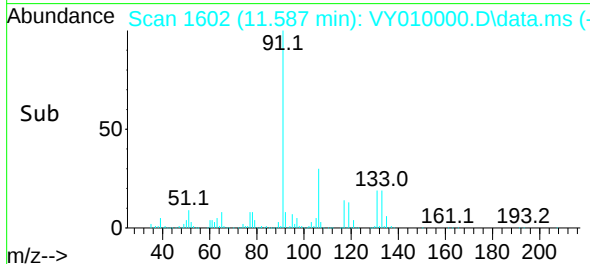
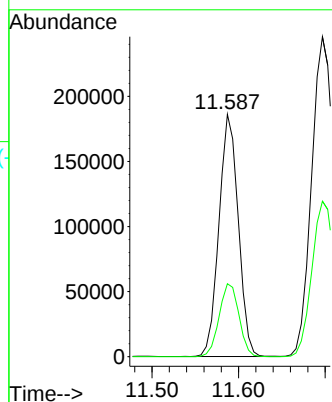
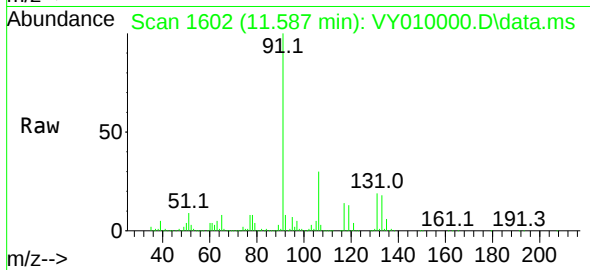




#67
Ethyl Benzene
Concen: 52.313 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

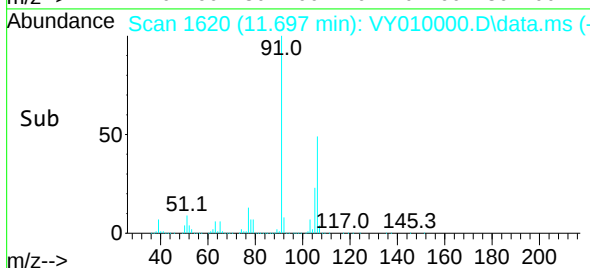
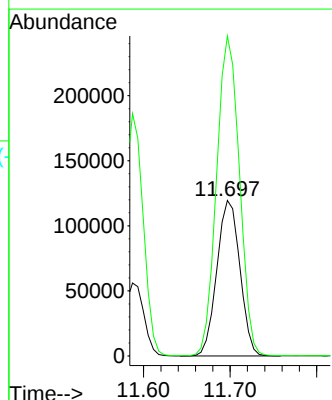
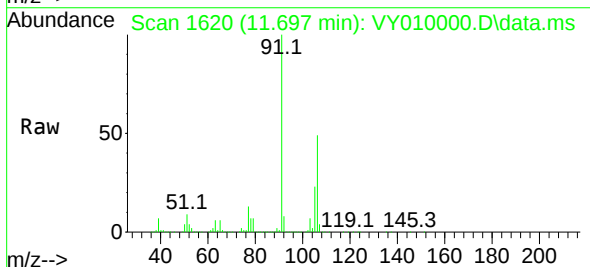
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

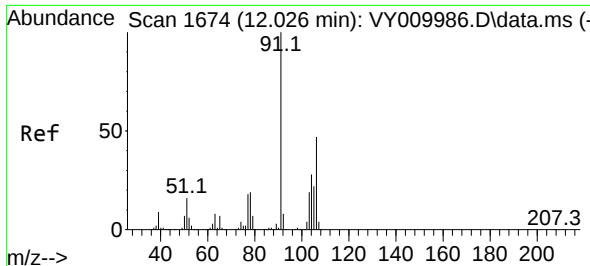
Tgt Ion: 91 Resp: 288055
Ion Ratio Lower Upper
91 100
106 30.1 26.2 39.4



#68
m/p-Xylenes
Concen: 103.380 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 106 Resp: 220351
Ion Ratio Lower Upper
106 100
91 204.1 156.2 234.2

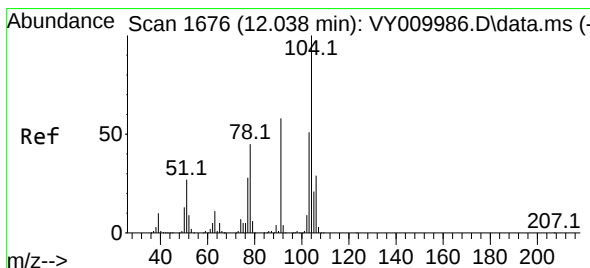
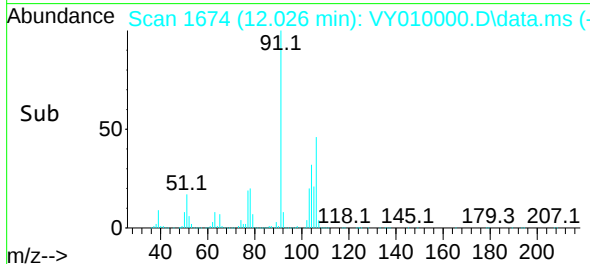
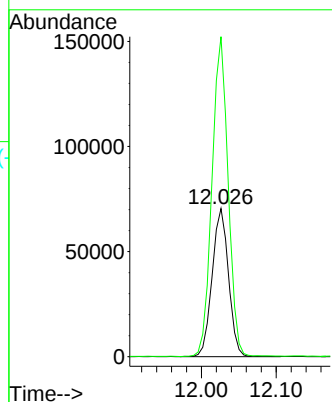
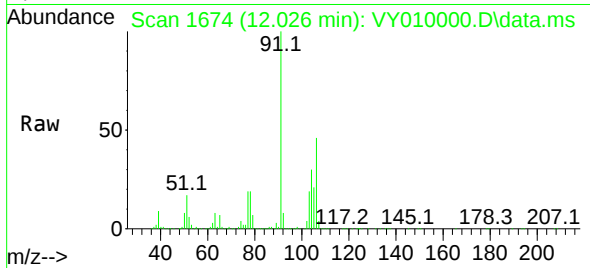




#69
o-Xylene
Concen: 53.175 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

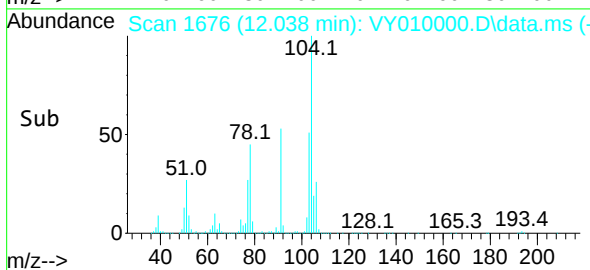
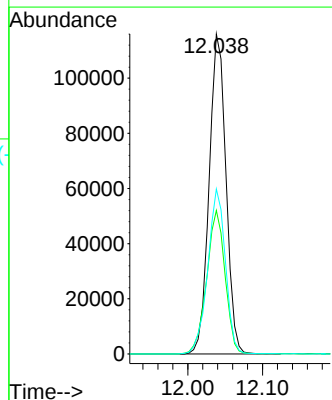
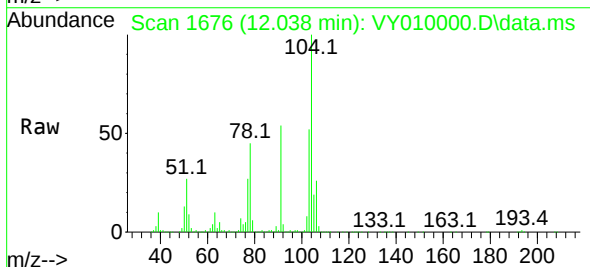
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

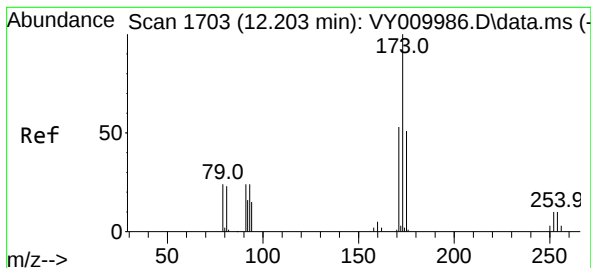
Tgt Ion:106 Resp: 107489
Ion Ratio Lower Upper
106 100
91 212.9 103.2 309.4



#70
Styrene
Concen: 52.752 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion:104 Resp: 181639
Ion Ratio Lower Upper
104 100
78 49.0 38.6 57.8
103 54.3 43.3 64.9





#71

Bromoform

Concen: 51.418 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

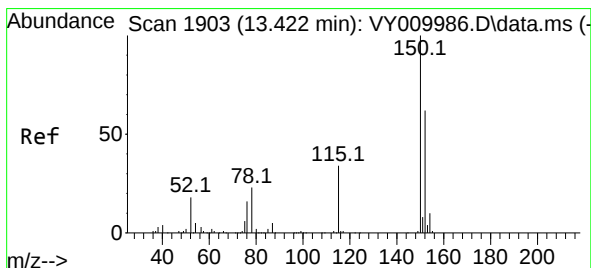
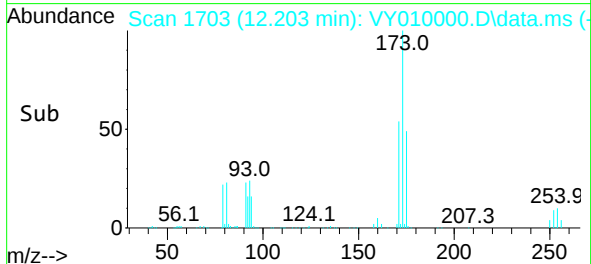
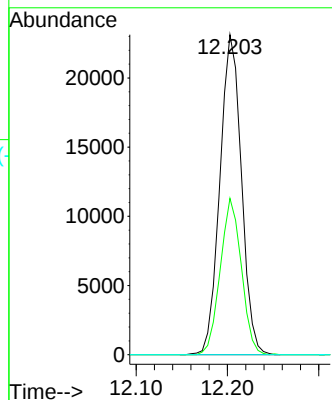
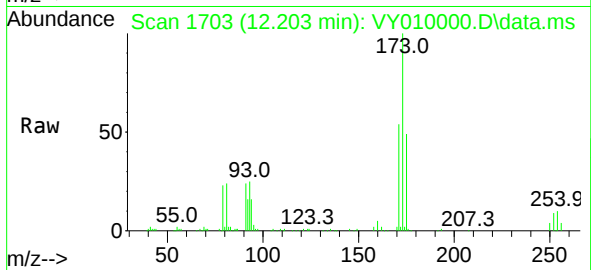
Tgt Ion:173 Resp: 37894

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

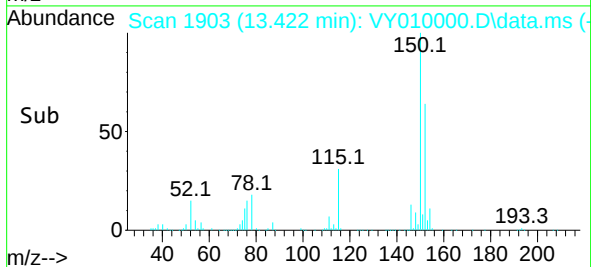
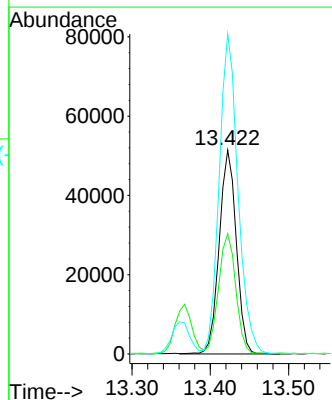
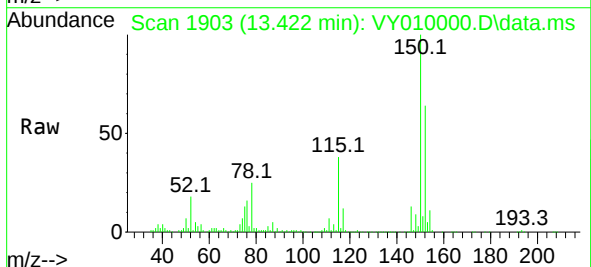
Tgt Ion:152 Resp: 78208

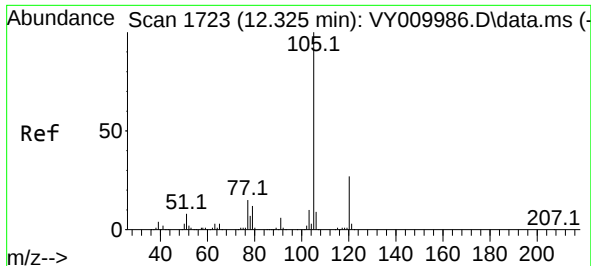
Ion Ratio Lower Upper

152 100

115 58.9 28.6 85.9

150 172.3 0.0 349.8

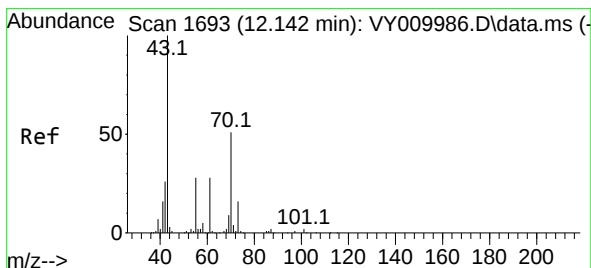
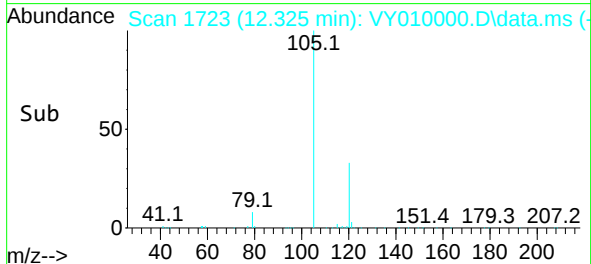
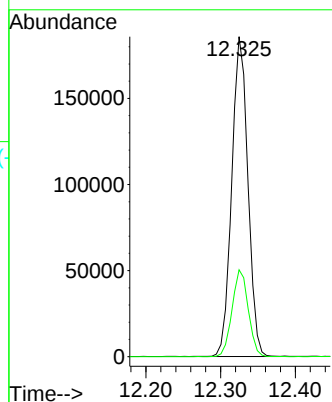
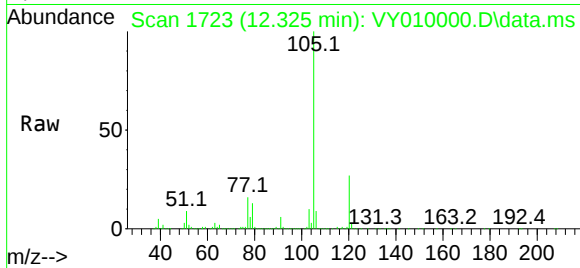




#73
Isopropylbenzene
Concen: 53.194 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

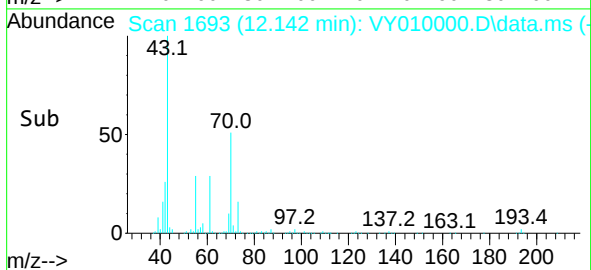
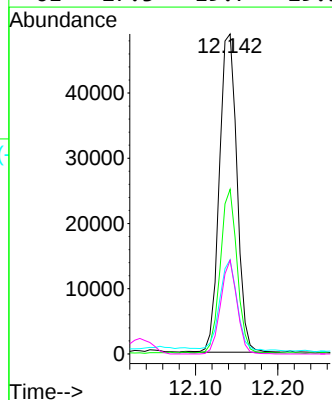
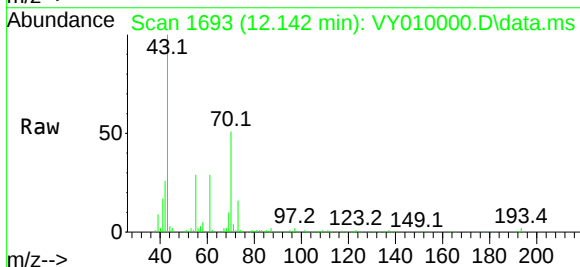
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

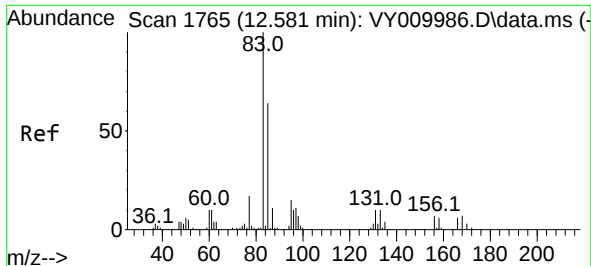
Tgt Ion:105 Resp: 279214
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 53.984 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 43 Resp: 72487
Ion Ratio Lower Upper
43 100
70 49.1 35.6 53.4
55 29.0 19.5 29.3
61 27.3 19.7 29.5

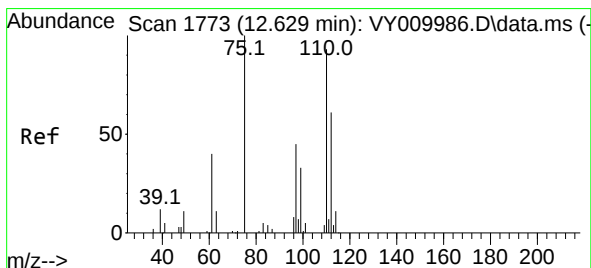
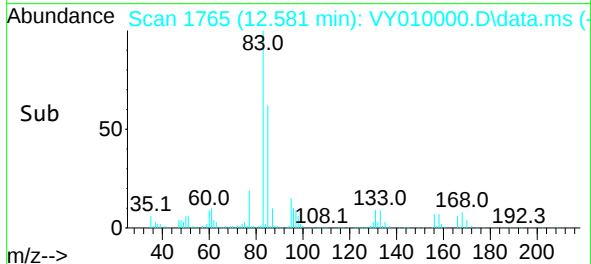
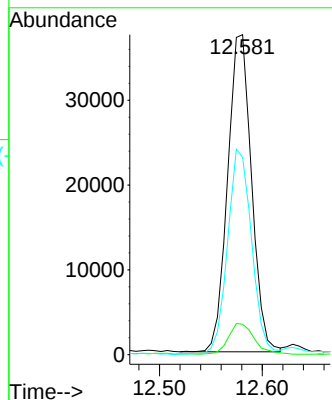
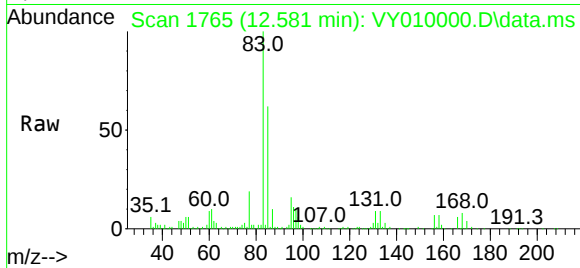




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.996 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

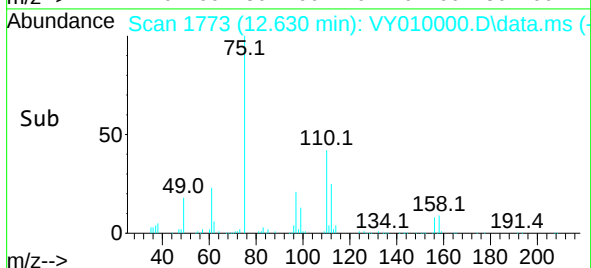
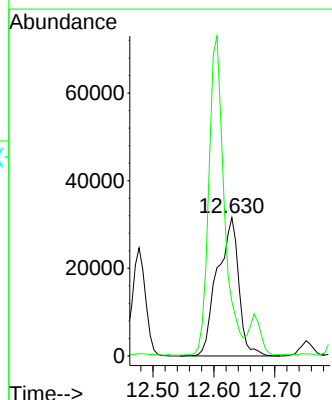
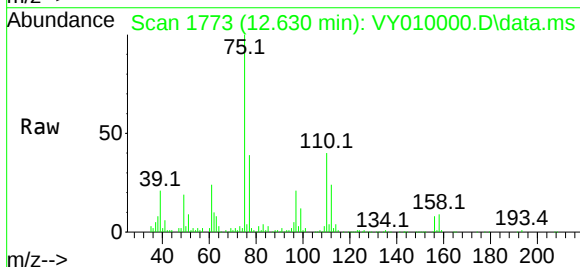
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

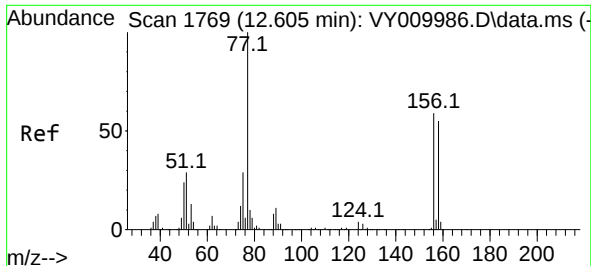
Tgt Ion: 83 Resp: 60571
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 65.6 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 85.175 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion: 75 Resp: 76978
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

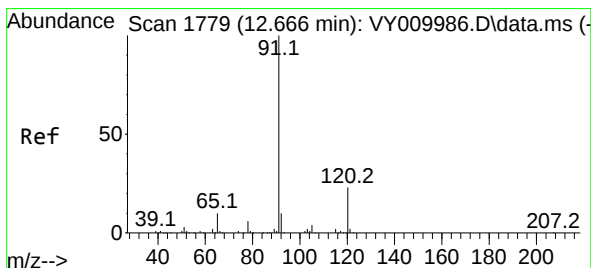
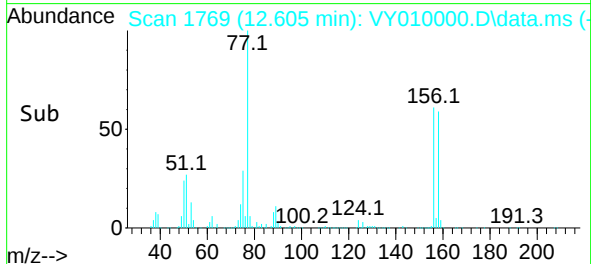
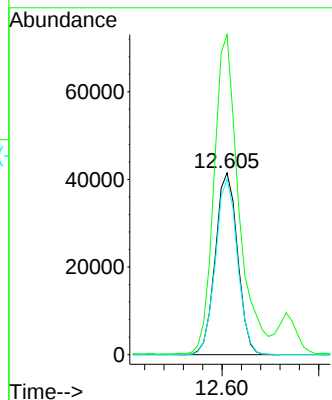
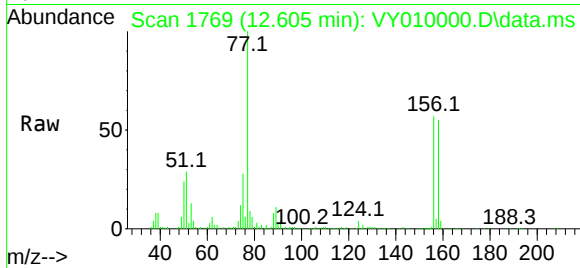




#77
Bromobenzene
Concen: 52.155 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

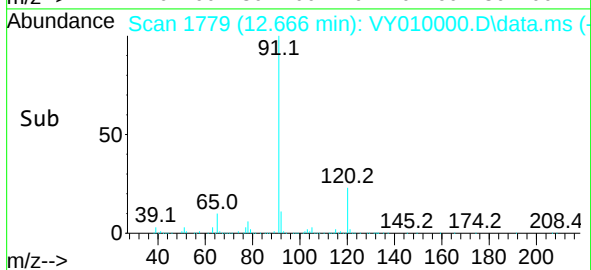
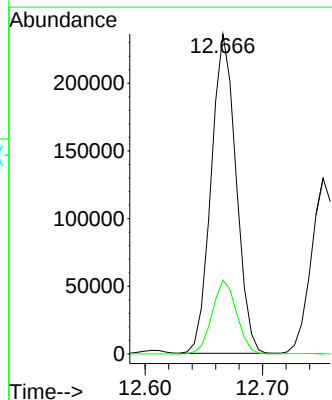
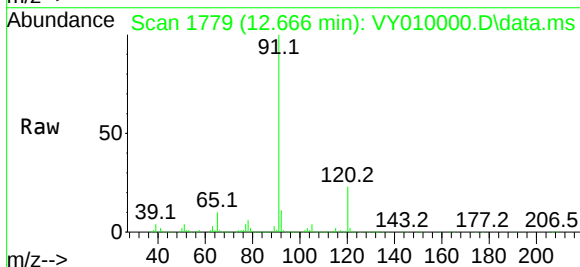
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

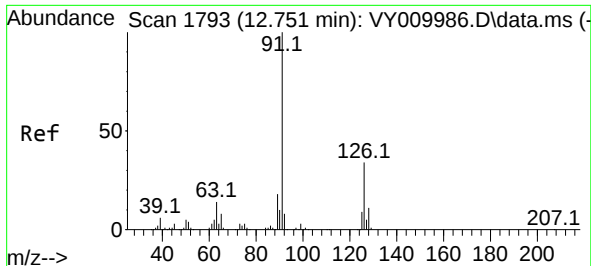
Tgt Ion:156 Resp: 66228
Ion Ratio Lower Upper
156 100
77 194.6 88.1 264.3
158 95.7 48.6 145.8



#78
n-propylbenzene
Concen: 52.634 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 91 Resp: 346739
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.5

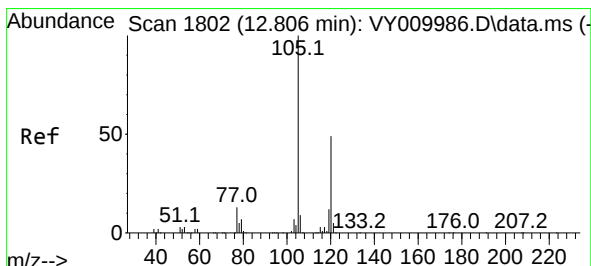
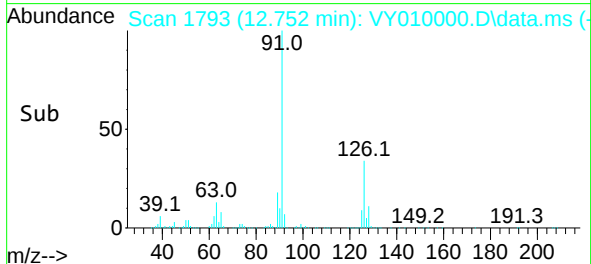
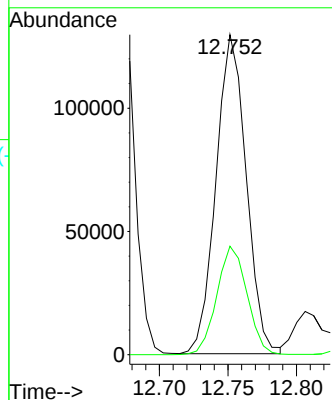
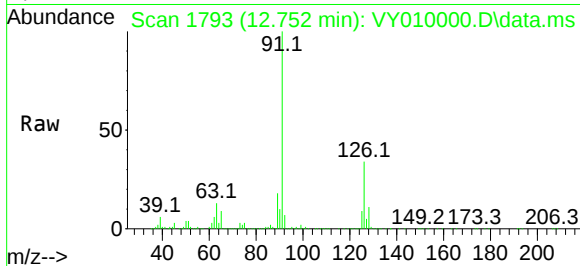




#79
2-Chlorotoluene
Concen: 53.148 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

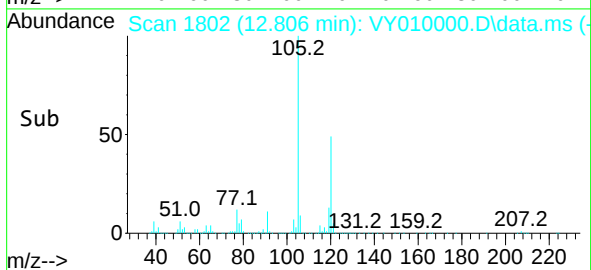
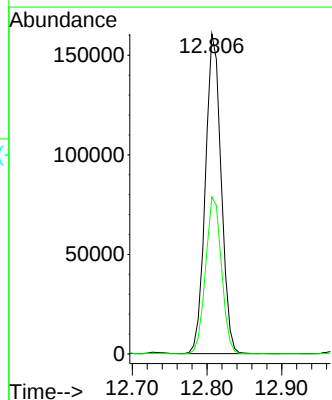
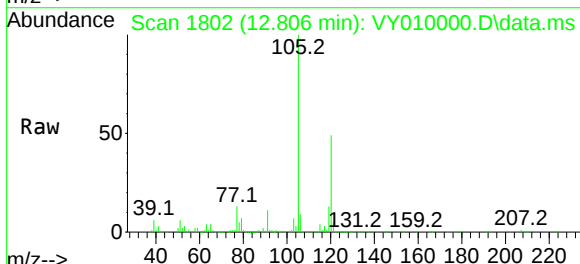
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

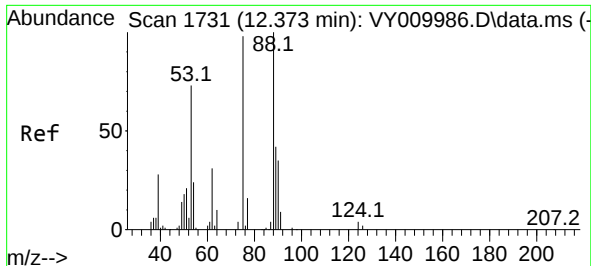
Tgt Ion: 91 Resp: 198879
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.762 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 105 Resp: 234858
Ion Ratio Lower Upper
105 100
120 49.5 25.3 75.8

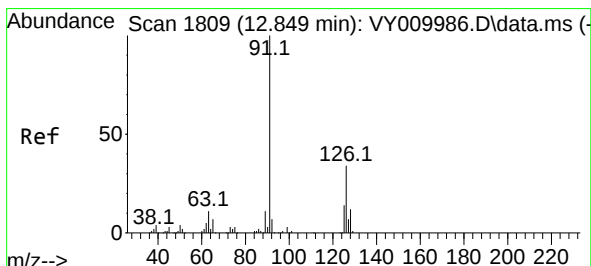
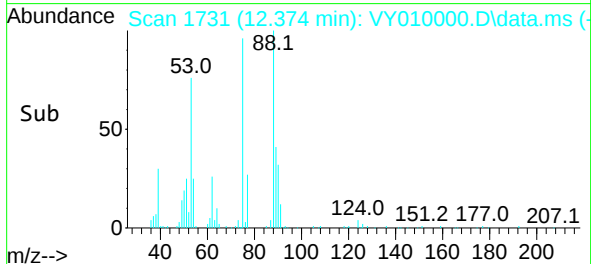
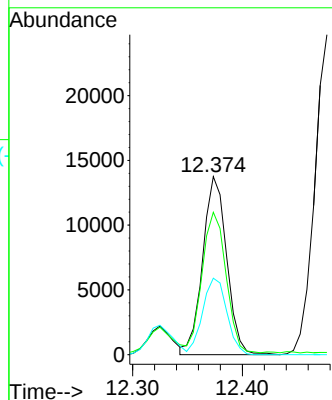
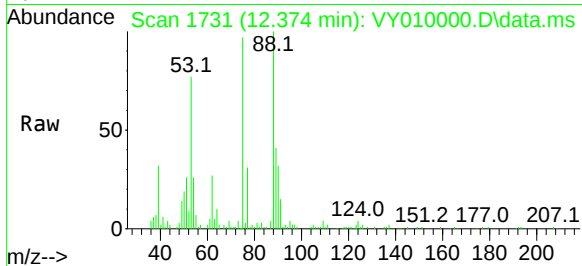




#81
trans-1,4-Dichloro-2-butene
Concen: 50.326 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

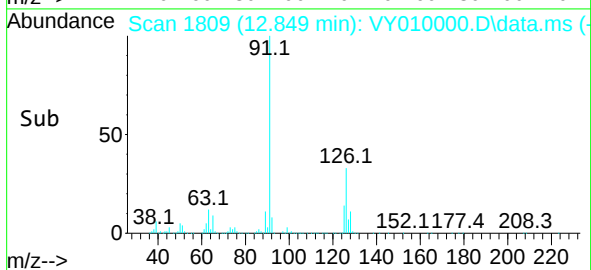
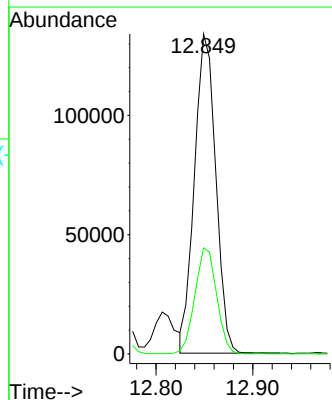
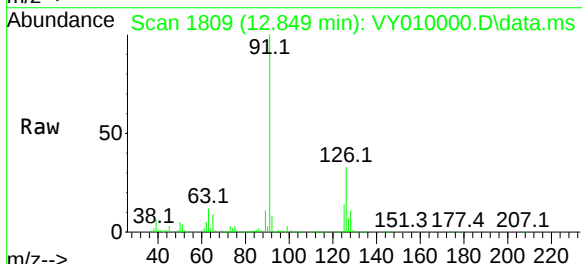
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

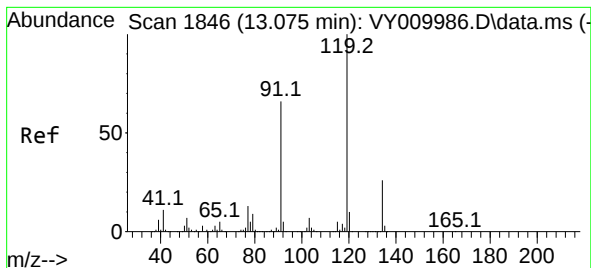
Tgt Ion: 75 Resp: 20923
Ion Ratio Lower Upper
75 100
53 78.8 71.4 107.2
89 43.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.538 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 91 Resp: 204796
Ion Ratio Lower Upper
91 100
126 33.8 18.0 54.0





#83

tert-Butylbenzene

Concen: 54.799 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

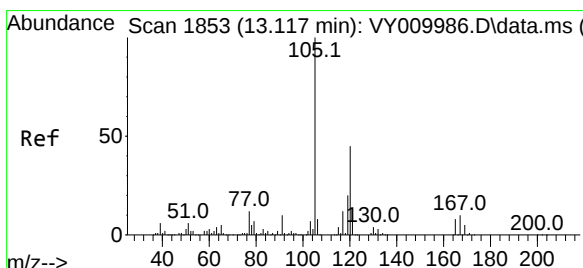
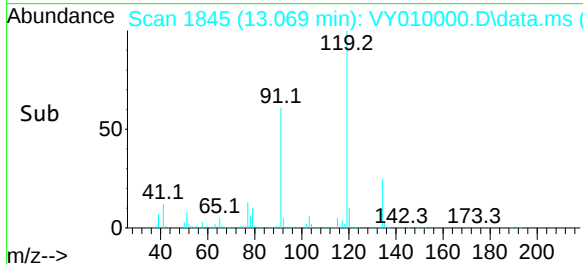
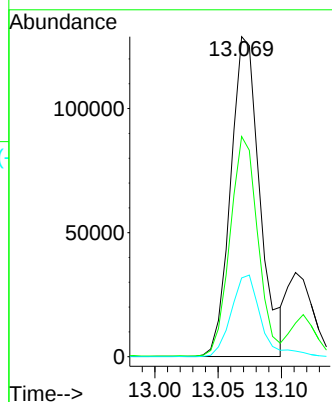
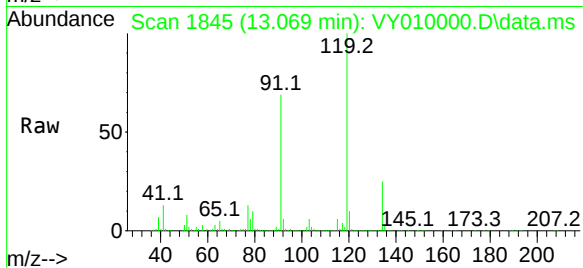
Tgt Ion:119 Resp: 206578

Ion Ratio Lower Upper

119 100

91 65.6 32.0 96.0

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 53.730 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010000.D

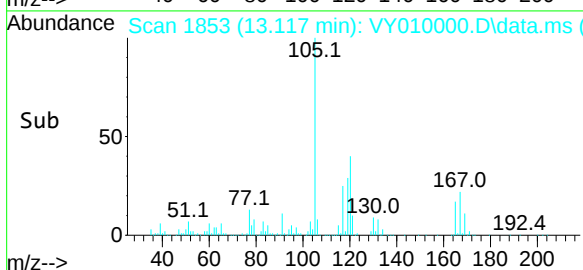
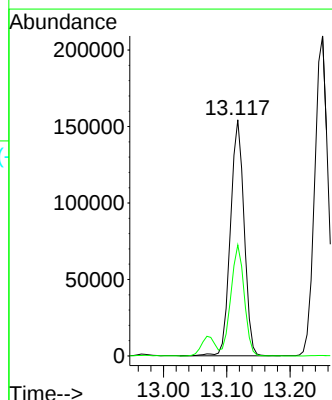
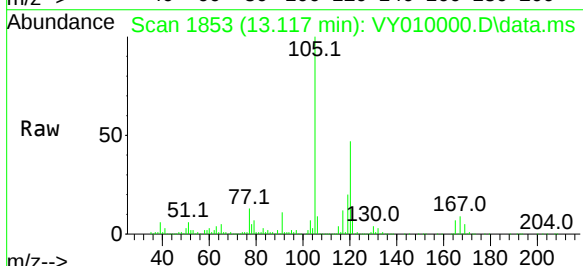
Acq: 12 Aug 2022 20:45

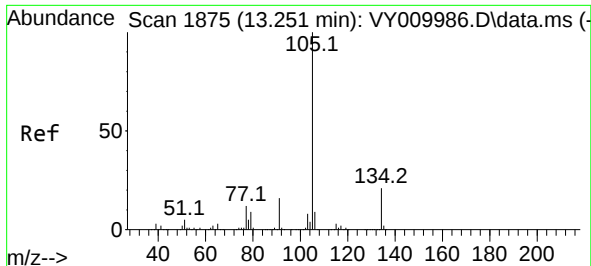
Tgt Ion:105 Resp: 231394

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.3

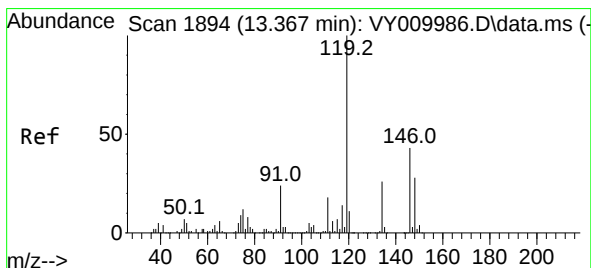
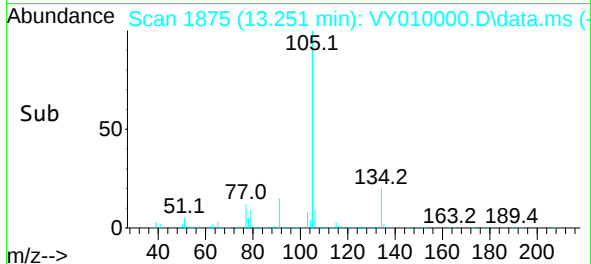
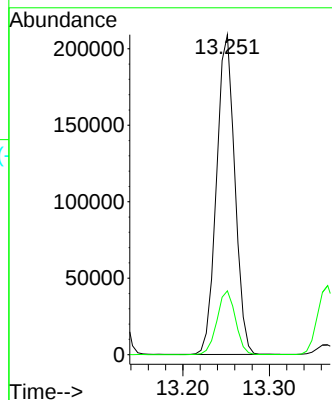
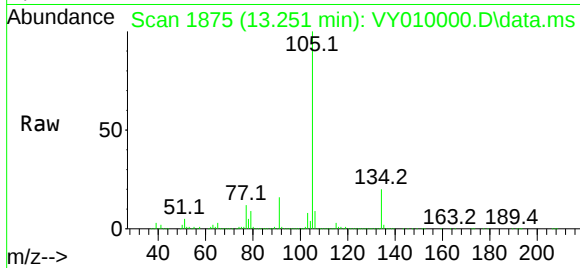




#85
 sec-Butylbenzene
 Concen: 53.068 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

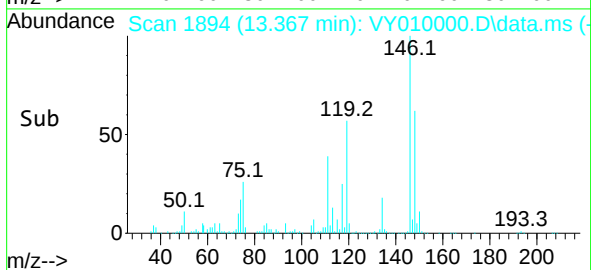
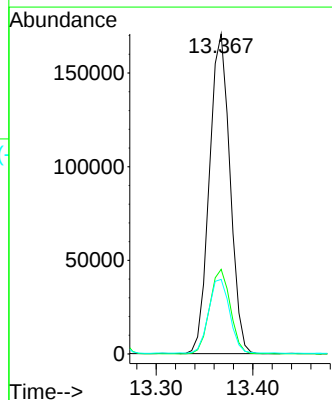
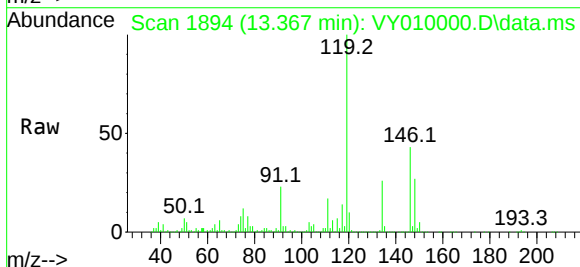
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

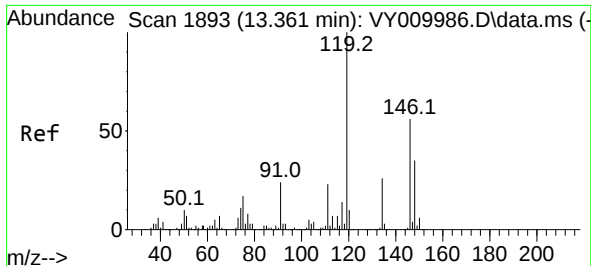
Tgt Ion:105 Resp: 306489
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 55.442 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion:119 Resp: 252753
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.6 11.6 34.8

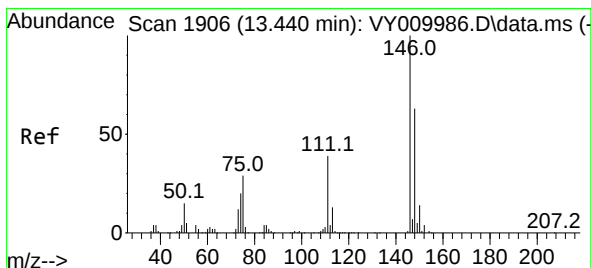
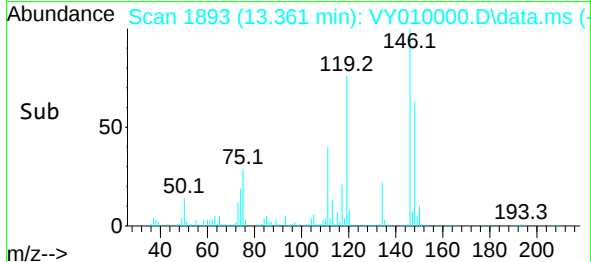
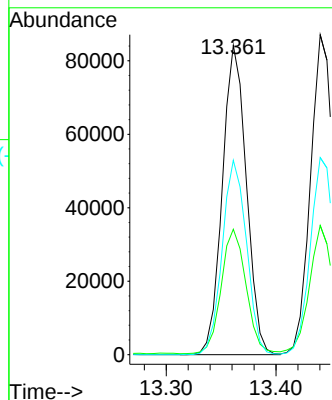
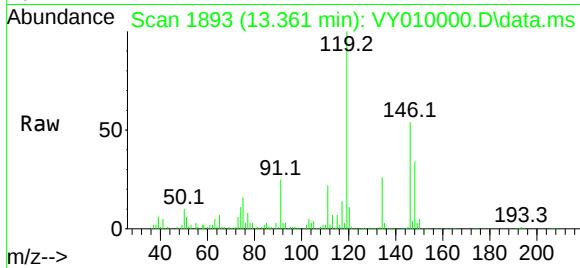




#87
 1,3-Dichlorobenzene
 Concen: 51.236 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

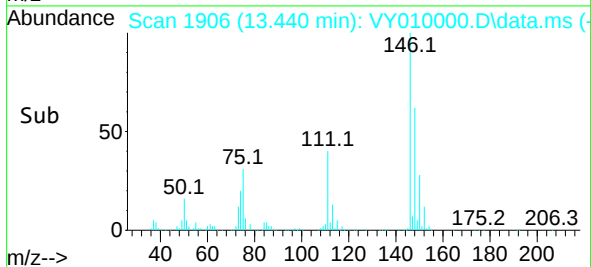
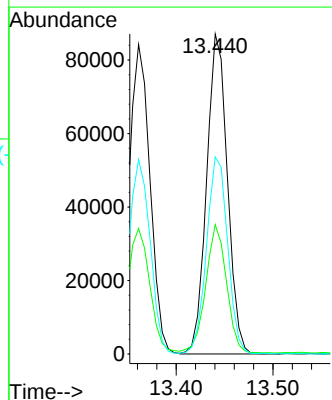
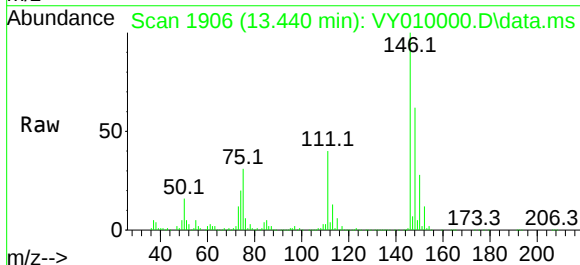
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

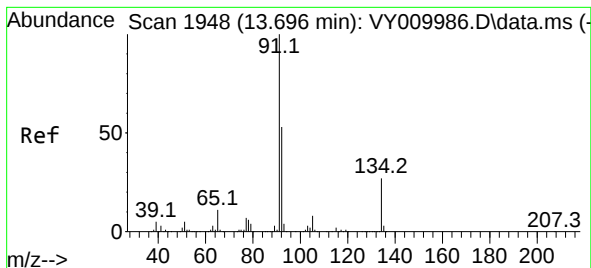
Tgt Ion:146 Resp: 128243
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.1 57.3
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.059 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY010000.D
 Acq: 12 Aug 2022 20:45

Tgt Ion:146 Resp: 130254
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.9 56.9
 148 62.8 31.6 95.0





#89

n-Butylbenzene

Concen: 56.189 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

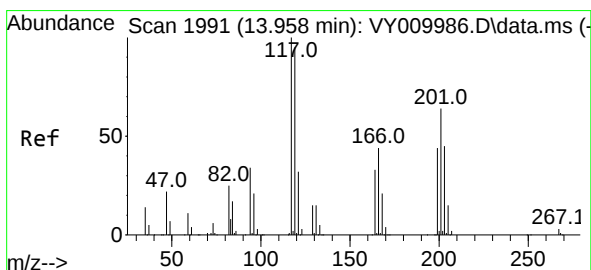
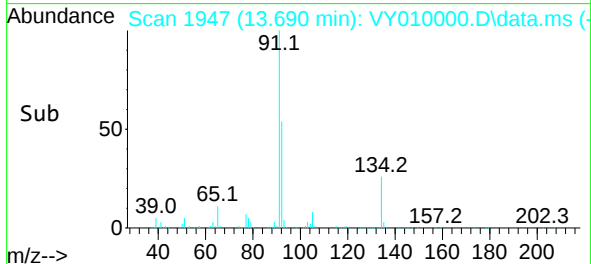
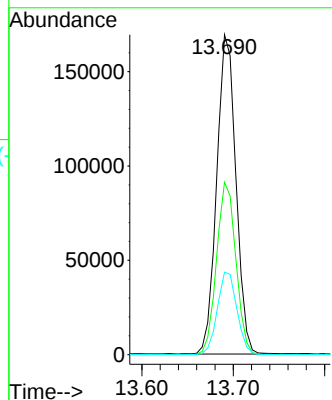
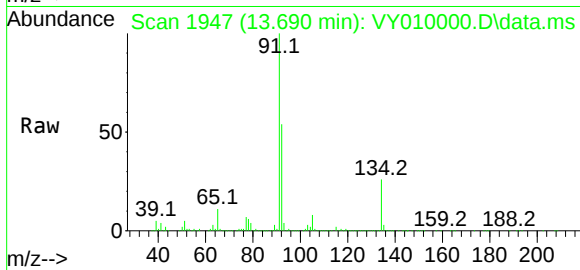
Tgt Ion: 91 Resp: 247326

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.7

134 26.4 14.0 41.9



#90

Hexachloroethane

Concen: 51.357 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY010000.D

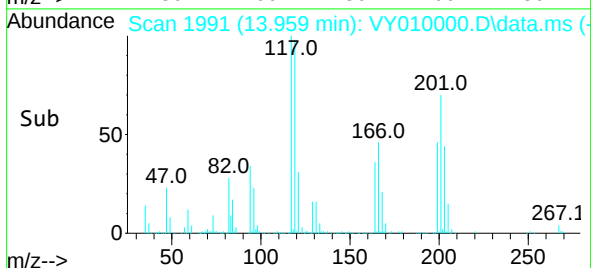
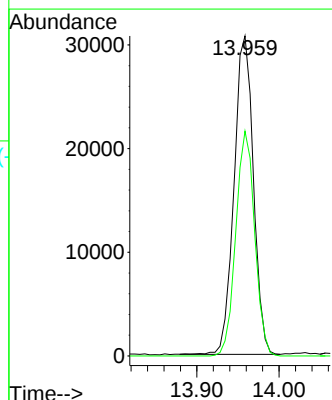
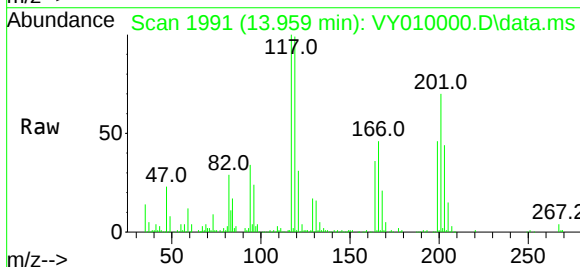
Acq: 12 Aug 2022 20:45

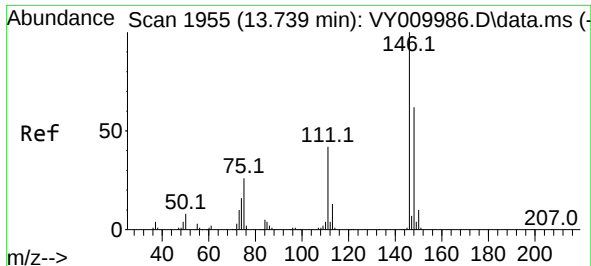
Tgt Ion: 117 Resp: 50208

Ion Ratio Lower Upper

117 100

201 69.0 38.8 116.3

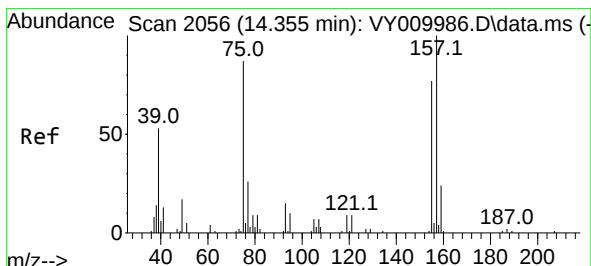
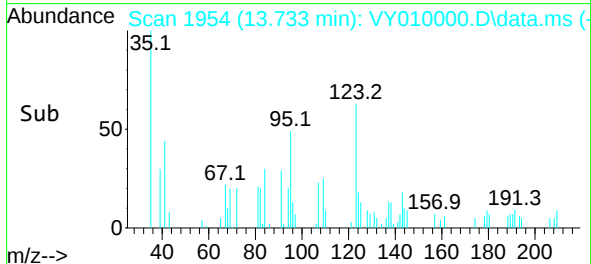
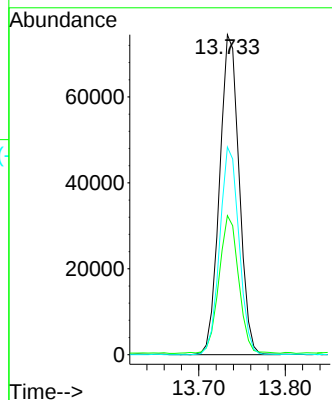
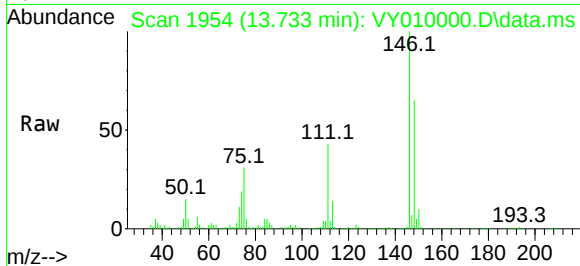




#91
1,2-Dichlorobenzene
Concen: 51.961 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

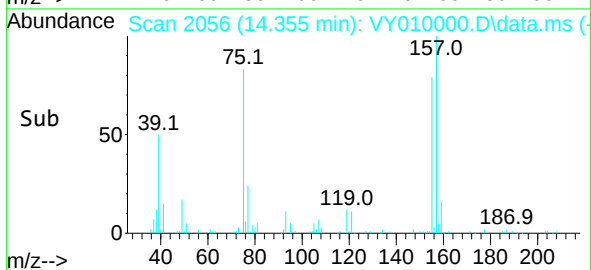
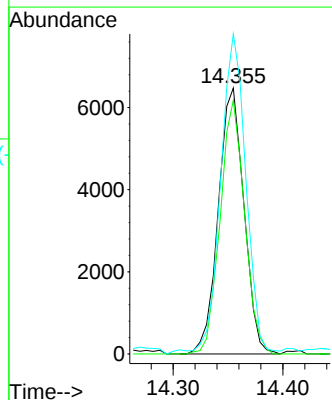
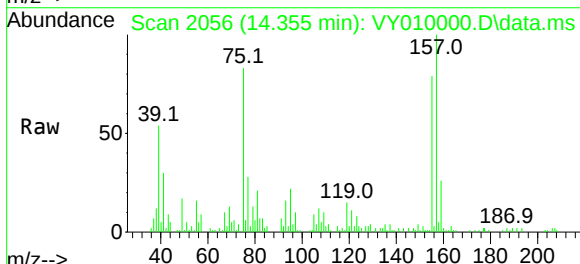
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

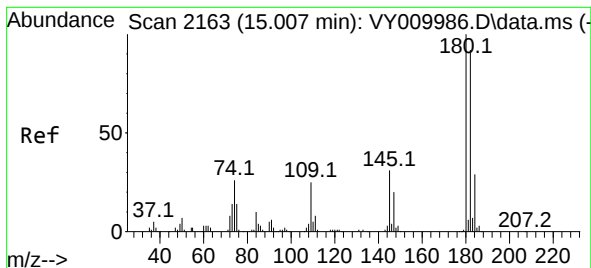
Tgt Ion:146 Resp: 116987
Ion Ratio Lower Upper
146 100
111 43.1 19.7 59.1
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.035 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion: 75 Resp: 10514
Ion Ratio Lower Upper
75 100
155 90.8 46.4 139.1
157 119.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 59.207 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

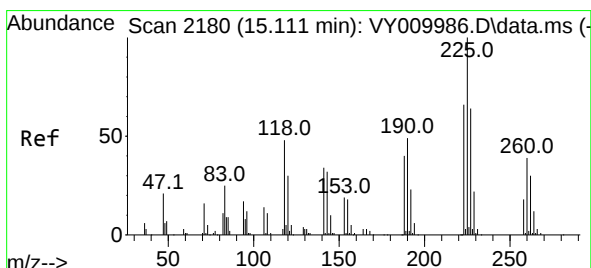
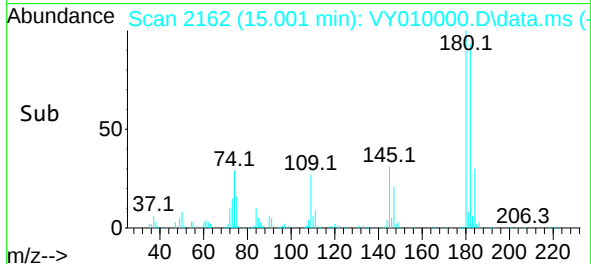
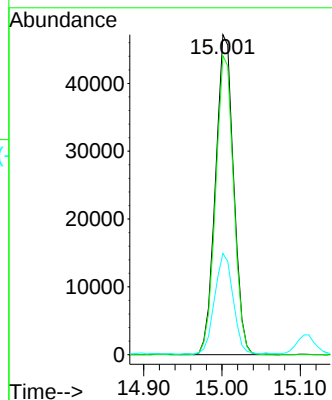
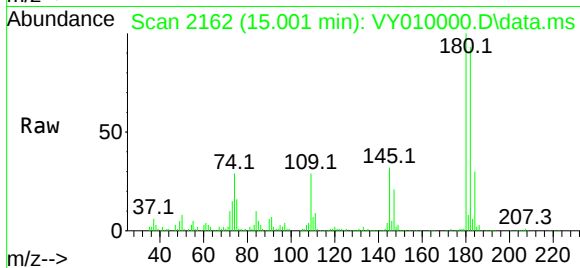
Tgt Ion:180 Resp: 75845

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.9

145 32.0 15.1 45.3



#94

Hexachlorobutadiene

Concen: 54.535 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010000.D

Acq: 12 Aug 2022 20:45

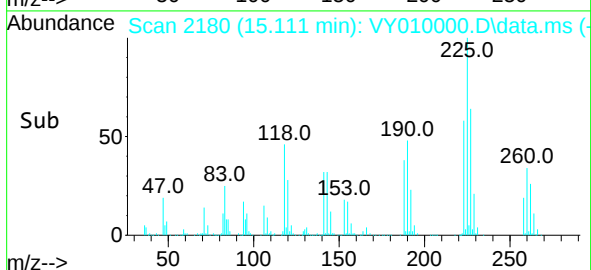
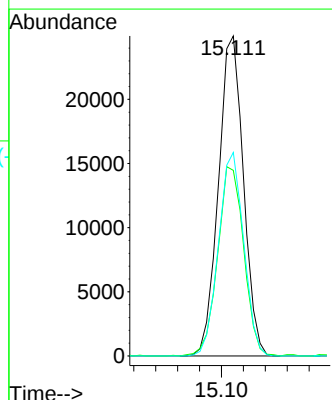
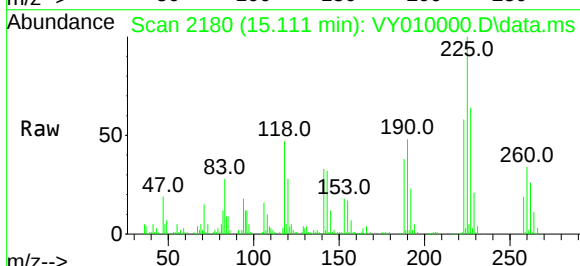
Tgt Ion:225 Resp: 39451

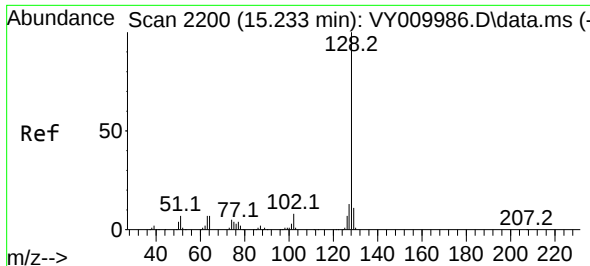
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 64.1 31.9 95.5

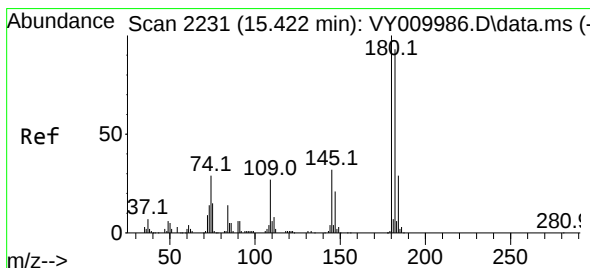
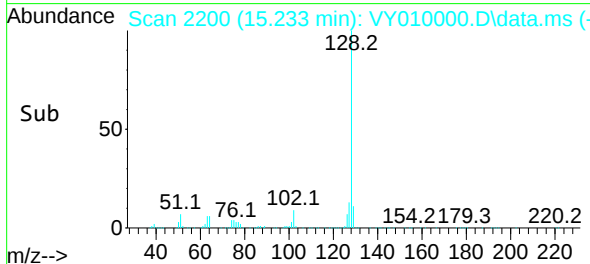
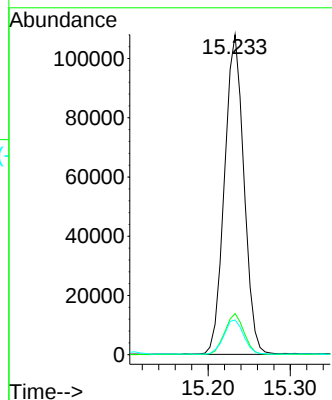
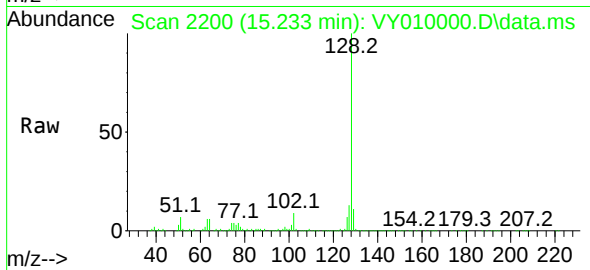




#95
Naphthalene
Concen: 56.933 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 177273
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.413 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY010000.D
Acq: 12 Aug 2022 20:45

Tgt Ion:180 Resp: 65777
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 35.0 15.6 46.7

