

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012554.D
 Acq On : 09 Feb 2023 09:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 16:37:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	138476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89785	50.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.716	113	77675	52.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.720%	
50) Toluene-d8	10.179	98	322737	52.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.483	95	111908	52.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45778	46.544	ug/l	99
3) Chloromethane	2.113	50	47376	43.910	ug/l	100
4) Vinyl Chloride	2.253	62	60388	44.925	ug/l	99
5) Bromomethane	2.650	94	50887	51.973	ug/l	99
6) Chloroethane	2.796	64	44180	47.220	ug/l	100
7) Trichlorofluoromethane	3.131	101	130407	47.199	ug/l	94
8) Diethyl Ether	3.534	74	39875	48.672	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	67098	48.092	ug/l	99
10) Methyl Iodide	4.095	142	77187	42.675	ug/l	100
11) Tert butyl alcohol	4.948	59	36262	211.903	ug/l	98
12) 1,1-Dichloroethene	3.875	96	65751	47.696	ug/l	95
13) Acrolein	3.729	56	46407	224.178	ug/l	99
14) Allyl chloride	4.479	41	79995	47.592	ug/l	99
15) Acrylonitrile	5.161	53	97368	257.609	ug/l	100
16) Acetone	3.948	43	119259	281.391	ug/l	99
17) Carbon Disulfide	4.198	76	155469	43.480	ug/l	97
18) Methyl Acetate	4.479	43	48222	47.337	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	209062	51.826	ug/l	100
20) Methylene Chloride	4.716	84	75234	47.289	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	72000	47.890	ug/l	96
22) Diisopropyl ether	6.119	45	174446	51.042	ug/l	95
23) Vinyl Acetate	6.058	43	546264	265.130	ug/l	100
24) 1,1-Dichloroethane	6.021	63	120271	49.226	ug/l	97
25) 2-Butanone	6.984	43	123133	261.856	ug/l	94
26) 2,2-Dichloropropane	6.984	77	131619	49.031	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	87266	50.017	ug/l	99
28) Bromochloromethane	7.332	49	46531	52.392	ug/l	99
29) Tetrahydrofuran	7.350	42	66832	262.895	ug/l	97
30) Chloroform	7.502	83	148246	50.326	ug/l	98
31) Cyclohexane	7.783	56	92455	45.412	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	142939	50.005	ug/l	98
36) 1,1-Dichloropropene	7.917	75	98317	49.439	ug/l	100
37) Ethyl Acetate	7.076	43	47149	52.543	ug/l	99
38) Carbon Tetrachloride	7.899	117	137088	51.354	ug/l	100
39) Methylcyclohexane	9.185	83	117002	48.894	ug/l	98
40) Benzene	8.161	78	295492	50.308	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	67355	137.007	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	98417	51.696	ug/l	99
43) Isopropyl Acetate	8.271	43	89694	53.911	ug/l	99
44) Trichloroethene	8.941	130	91092	50.946	ug/l	98
45) 1,2-Dichloropropane	9.216	63	64115	50.341	ug/l	98
46) Dibromomethane	9.307	93	43871	52.022	ug/l	99
47) Bromodichloromethane	9.496	83	112995	51.676	ug/l	98
48) Methyl methacrylate	9.289	41	41434	54.483	ug/l	99
49) 1,4-Dioxane	9.301	88	13041	1120.204	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	249415	277.855	ug/l	100
52) Toluene	10.246	92	203114	50.993	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	115414	52.381	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	122256	51.273	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	64870	52.644	ug/l	99
56) Ethyl methacrylate	10.508	69	86394	55.804	ug/l	99
57) 1,3-Dichloropropane	10.788	76	106431	53.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	188213	270.475	ug/l	98
59) 2-Hexanone	10.831	43	194799	287.161	ug/l	100
60) Dibromochloromethane	10.984	129	87995	53.571	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60897	52.744	ug/l	99
64) Tetrachloroethene	10.721	164	106993	54.511	ug/l	98
65) Chlorobenzene	11.514	112	226100	50.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90410	51.739	ug/l	99
67) Ethyl Benzene	11.593	91	402877	51.463	ug/l	100
68) m/p-Xylenes	11.703	106	319676	102.302	ug/l	100
69) o-Xylene	12.032	106	153545	51.596	ug/l	97
70) Styrene	12.044	104	264084	52.325	ug/l	100
71) Bromoform	12.209	173	60350	54.639	ug/l #	99
73) Isopropylbenzene	12.331	105	422932	51.754	ug/l	100
74) N-amyl acetate	12.142	43	79626	53.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	67361	50.978	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	100337	88.914	ug/l #	100
77) Bromobenzene	12.611	156	101134	51.060	ug/l	98
78) n-propylbenzene	12.672	91	480108	51.043	ug/l	100
79) 2-Chlorotoluene	12.758	91	273344	51.192	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	364060	51.751	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	26606	53.167	ug/l	98
82) 4-Chlorotoluene	12.855	91	282852	50.498	ug/l	100
83) tert-Butylbenzene	13.075	119	324270	52.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	359168	51.888	ug/l	99
85) sec-Butylbenzene	13.258	105	454679	51.520	ug/l	99
86) p-Isopropyltoluene	13.367	119	395232	51.622	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	200781	50.947	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	199493	50.535	ug/l	100
89) n-Butylbenzene	13.696	91	337507	51.580	ug/l	99
90) Hexachloroethane	13.965	117	71175	50.648	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	180938	51.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14261	54.234	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	114604	52.171	ug/l	98
94) Hexachlorobutadiene	15.111	225	68081	49.889	ug/l	100
95) Naphthalene	15.239	128	231497	54.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	99957	52.568	ug/l	100

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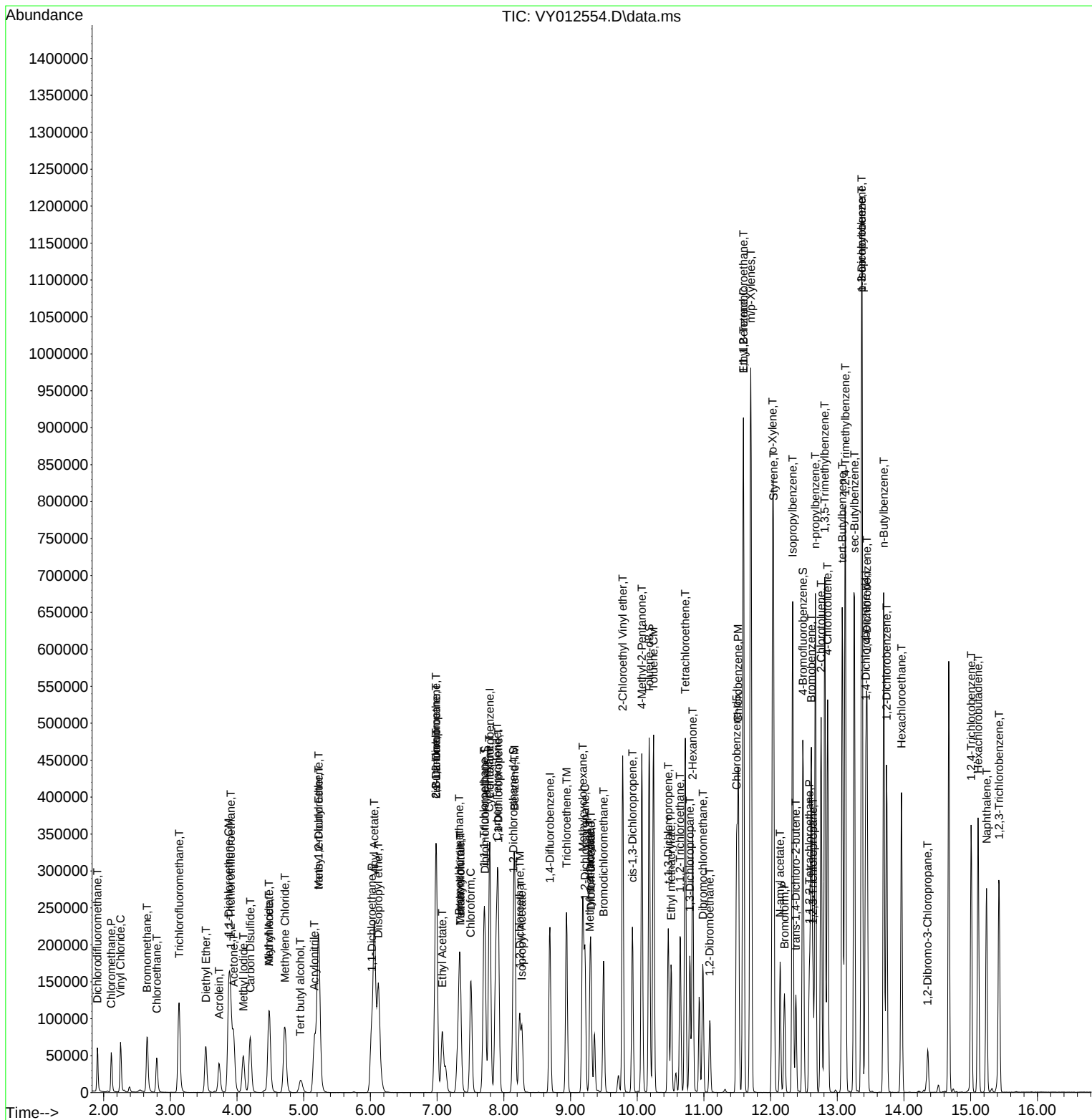
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

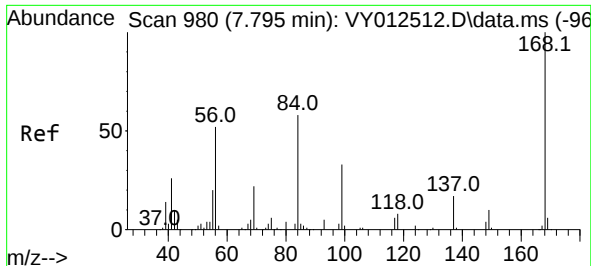
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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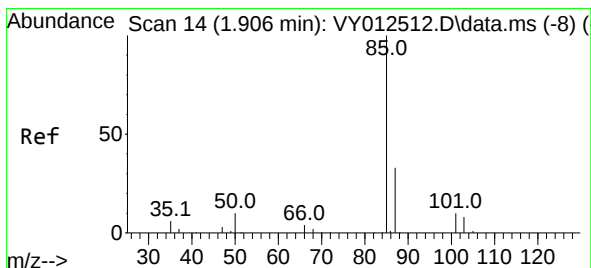
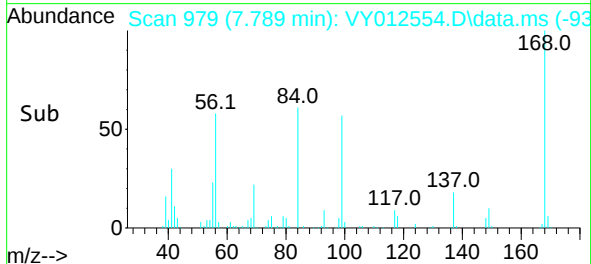
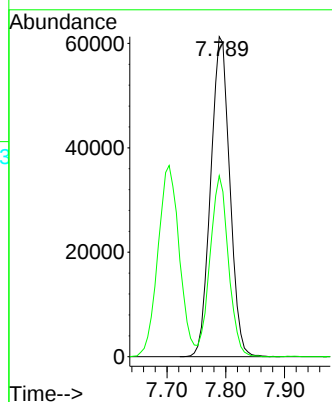
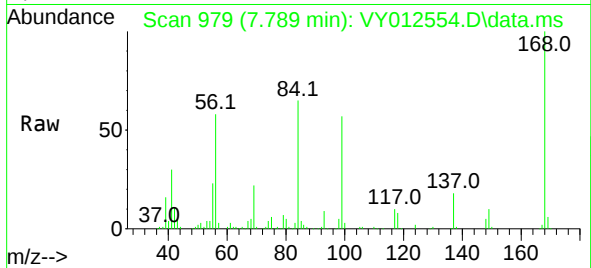




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012554.D
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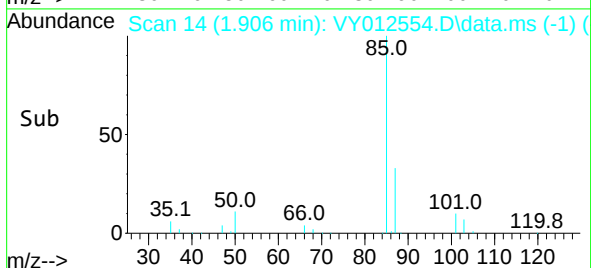
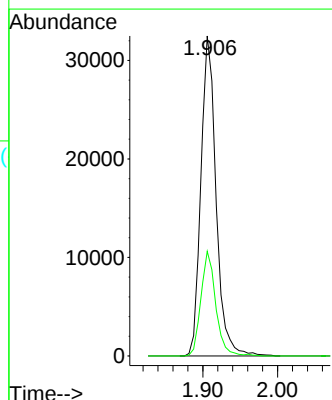
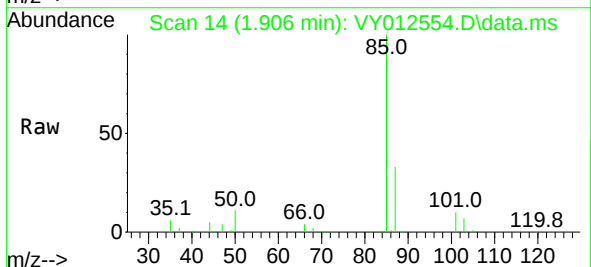
Instrument :
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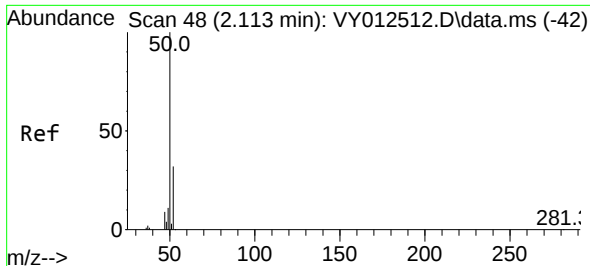
Tgt Ion:168 Resp: 138476
Ion Ratio Lower Upper
168 100
99 56.5 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 46.544 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 85 Resp: 45778
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

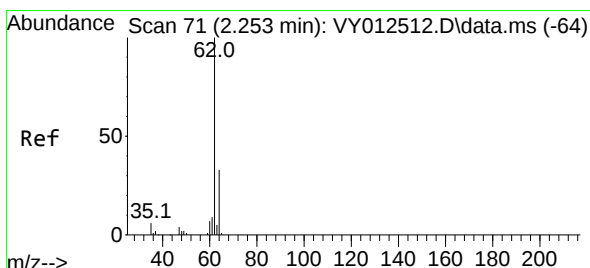
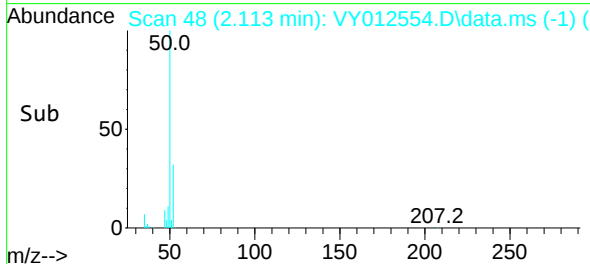
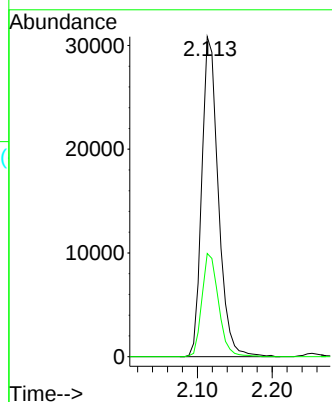
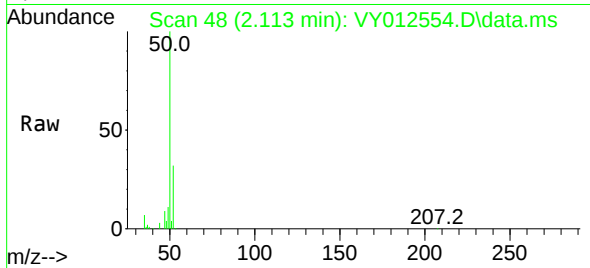




#3
Chloromethane
Concen: 43.910 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

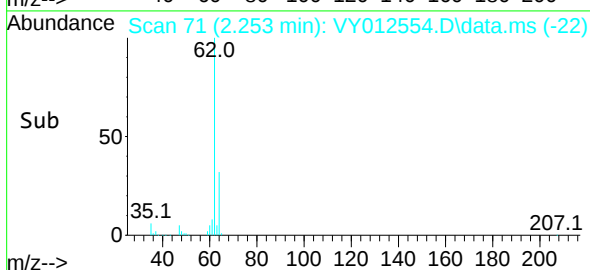
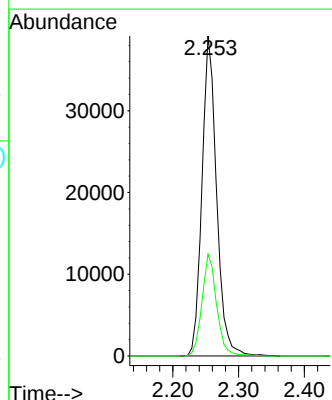
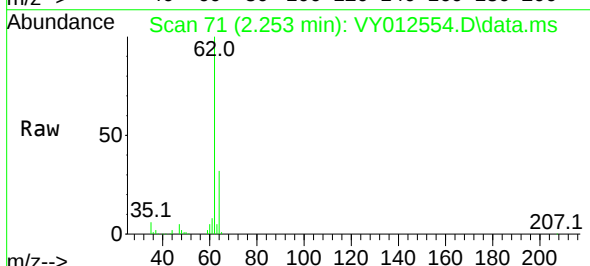
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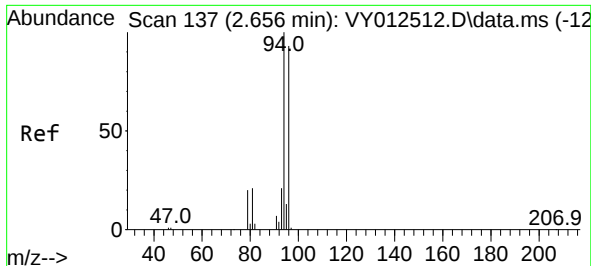
Tgt Ion: 50 Resp: 47376
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6



#4
Vinyl Chloride
Concen: 44.925 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 62 Resp: 60388
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

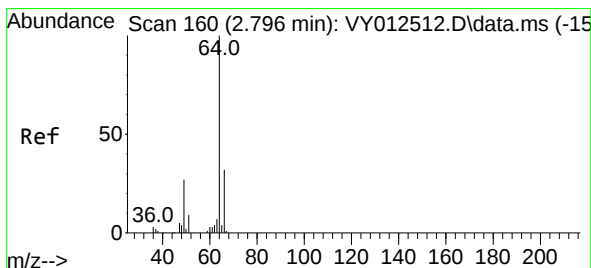
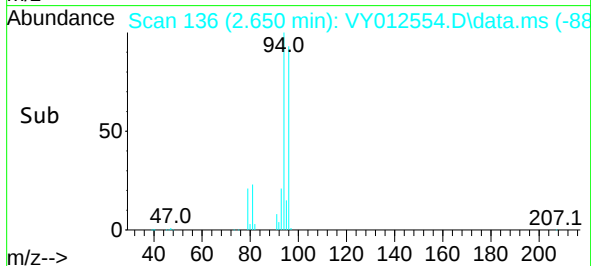
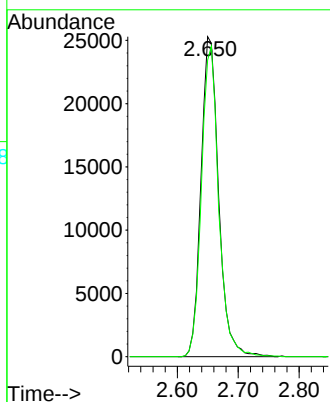
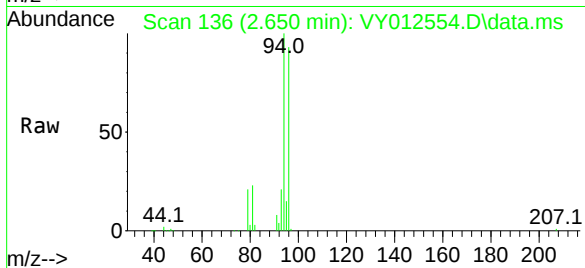




#5
Bromomethane
Concen: 51.973 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

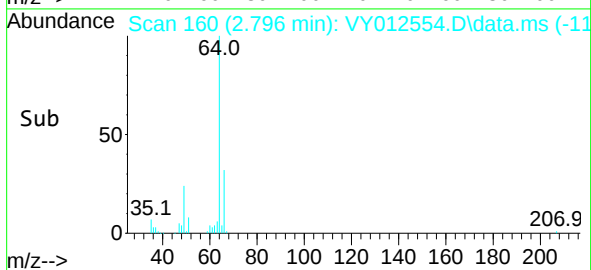
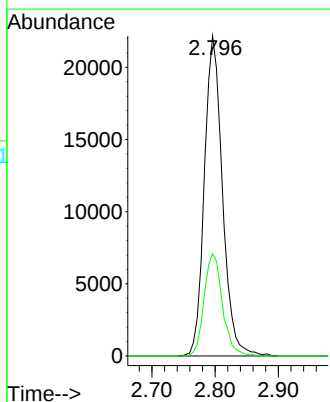
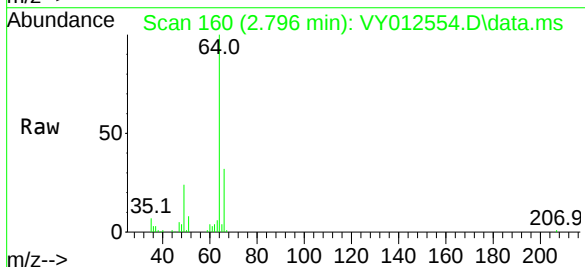
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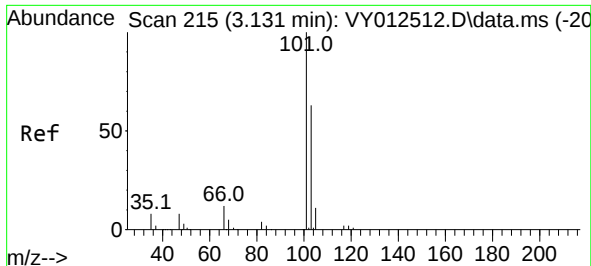
Tgt Ion: 94 Resp: 50887
Ion Ratio Lower Upper
94 100
96 92.7 74.7 112.1



#6
Chloroethane
Concen: 47.220 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 64 Resp: 44180
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

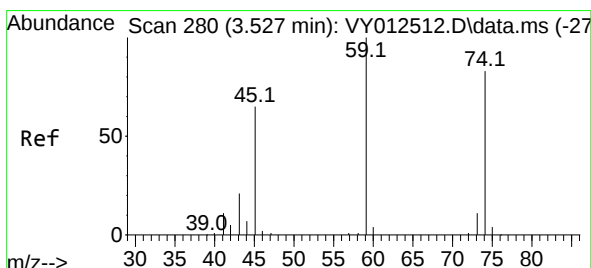
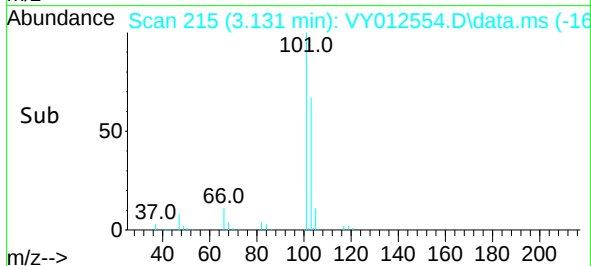
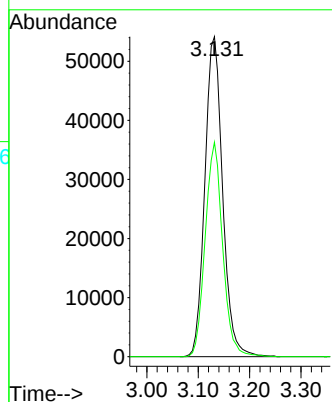
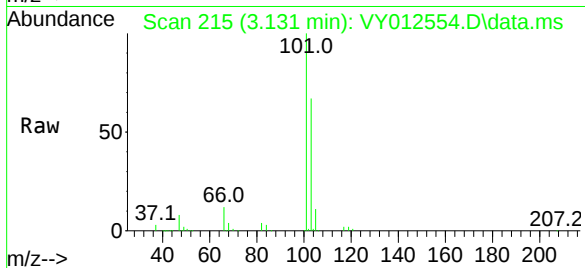




#7
 Trichlorofluoromethane
 Concen: 47.199 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012554.D
 Acq: 09 Feb 2023 09:40

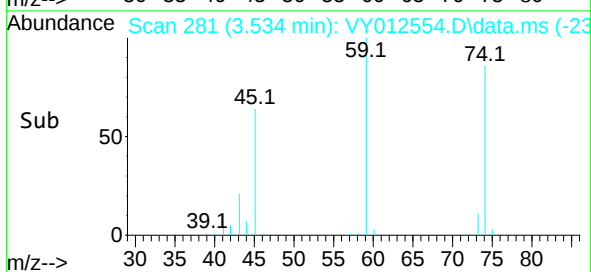
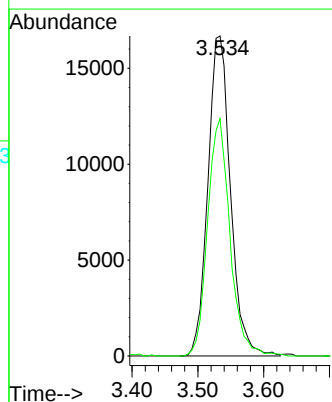
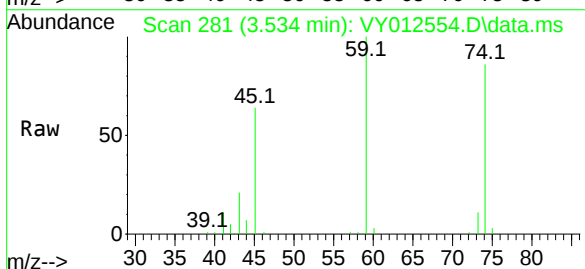
Instrument :
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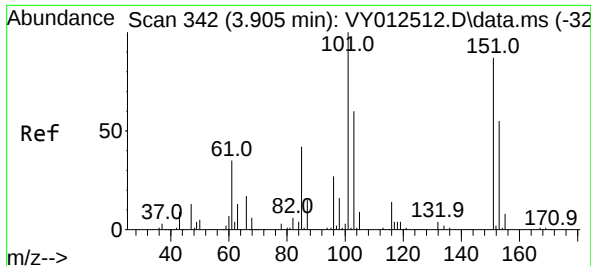
Tgt Ion:101 Resp: 130407
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.672 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY012554.D
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Tgt Ion: 74 Resp: 39875
 Ion Ratio Lower Upper
 74 100
 45 73.6 37.8 113.4

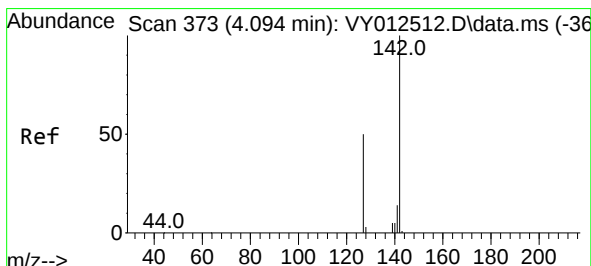
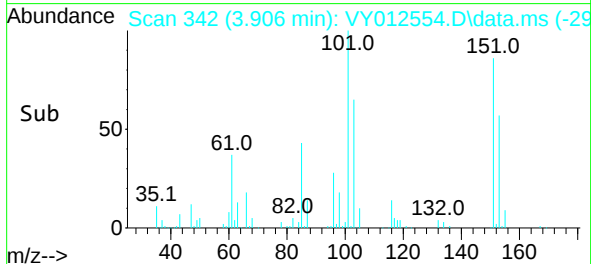
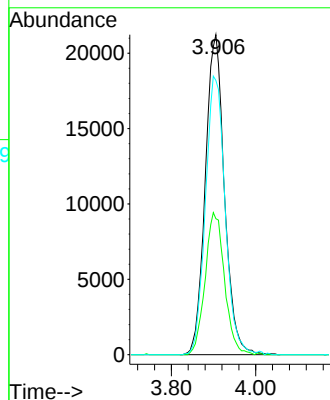
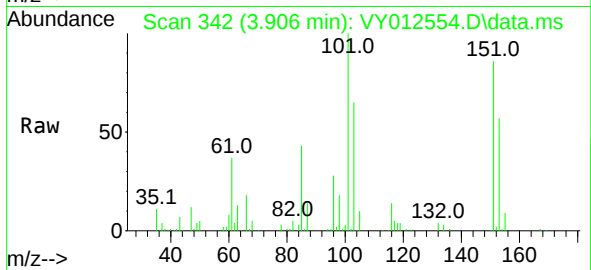




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.092 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

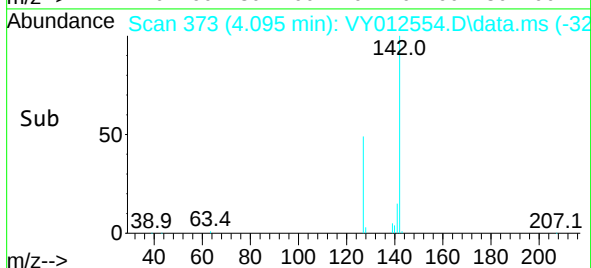
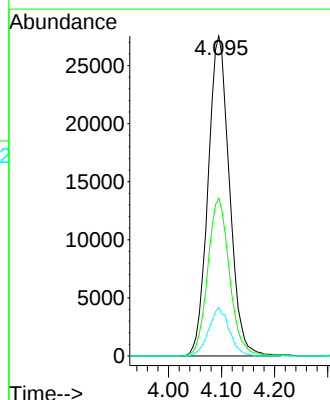
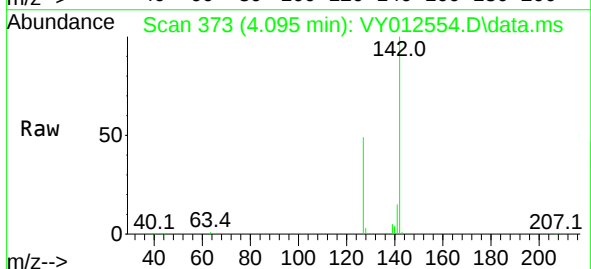
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

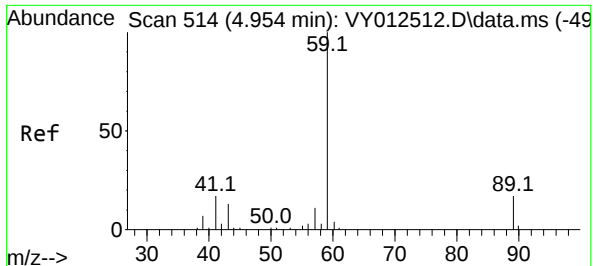
Tgt Ion:101 Resp: 67098
Ion Ratio Lower Upper
101 100
85 44.9 36.1 54.1
151 89.5 70.7 106.1



#10
Methyl Iodide
Concen: 42.675 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion:142 Resp: 77187
Ion Ratio Lower Upper
142 100
127 50.0 39.8 59.6
141 14.6 11.6 17.4

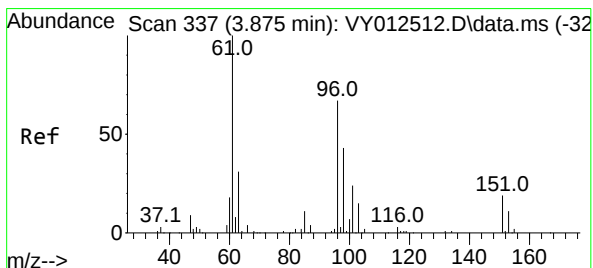
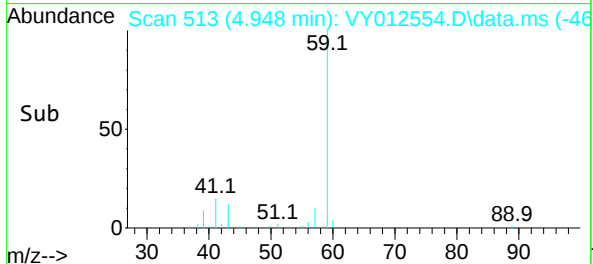
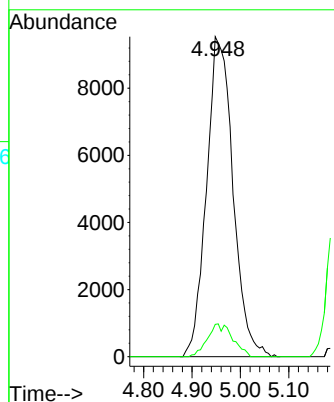
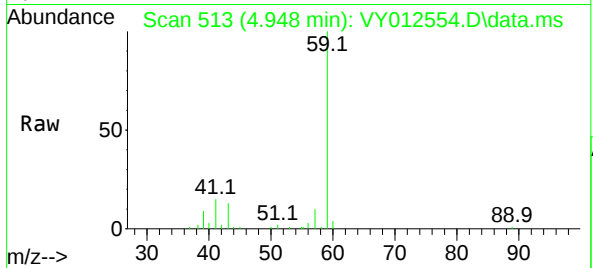




#11
Tert butyl alcohol
Concen: 211.903 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

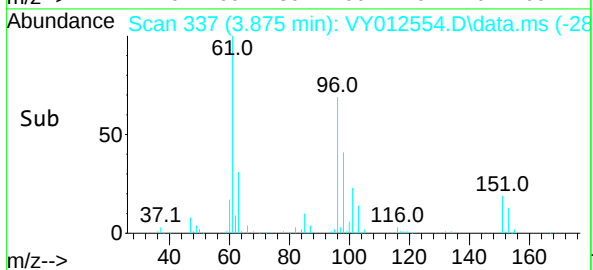
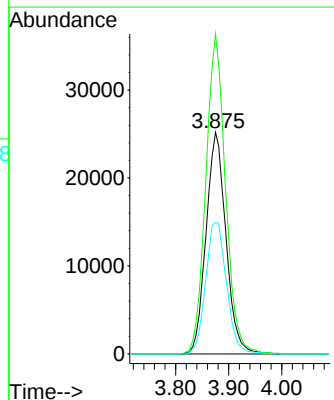
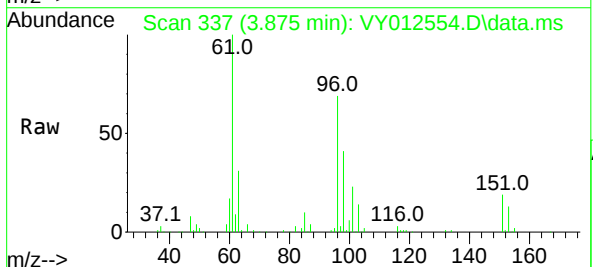
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

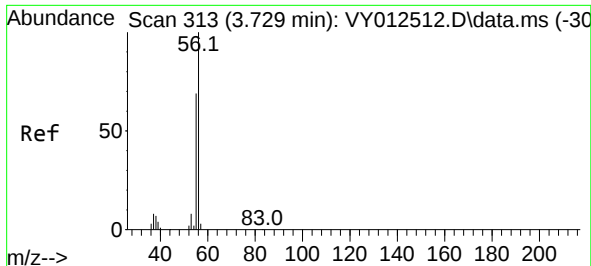
Tgt Ion: 59 Resp: 36262
Ion Ratio Lower Upper
59 100
57 9.8 7.2 10.8



#12
1,1-Dichloroethene
Concen: 47.696 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 96 Resp: 65751
Ion Ratio Lower Upper
96 100
61 144.4 119.4 179.2
98 59.4 51.9 77.9





#13

Acrolein

Concen: 224.178 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

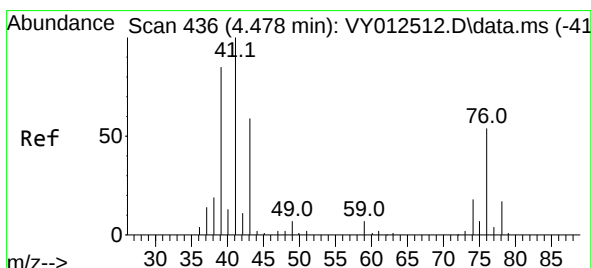
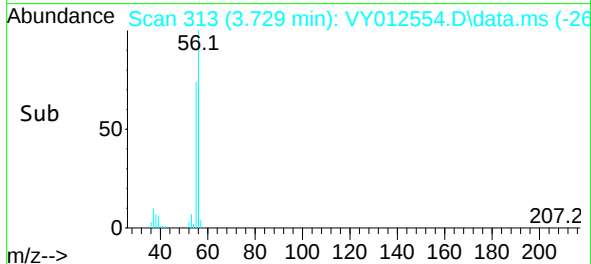
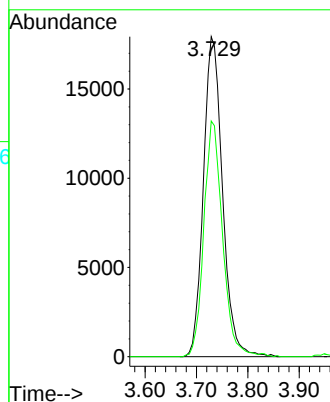
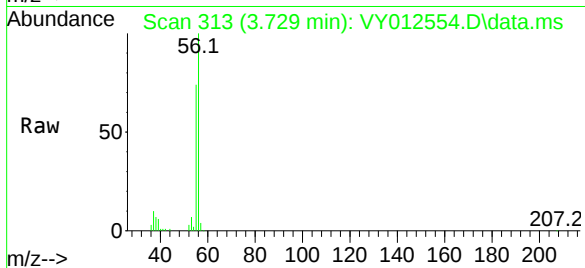
VSTDCCC050

Tgt Ion: 56 Resp: 46407

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 47.592 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

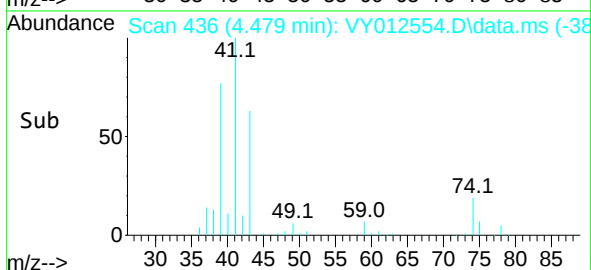
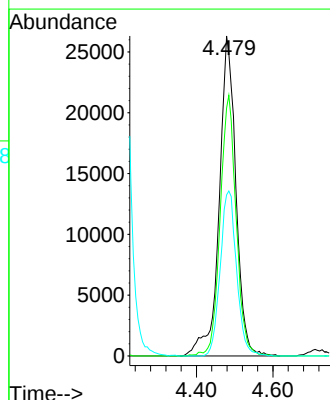
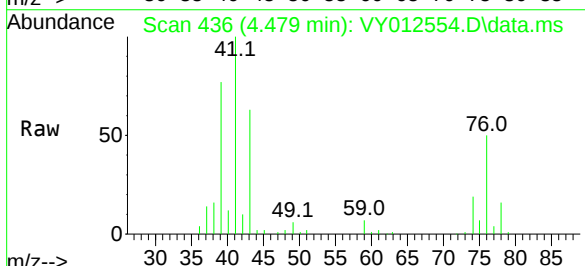
Tgt Ion: 41 Resp: 79995

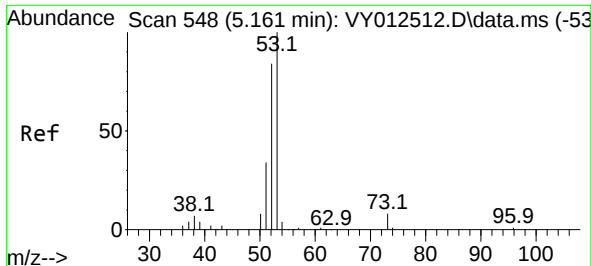
Ion Ratio Lower Upper

41 100

39 77.9 62.6 94.0

76 50.4 39.6 59.4

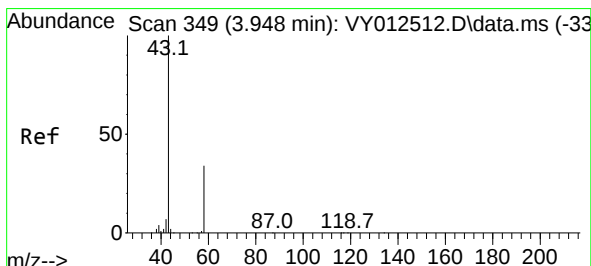
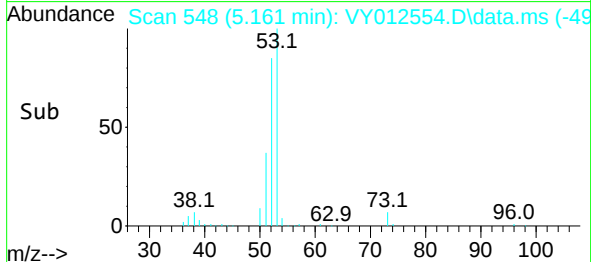
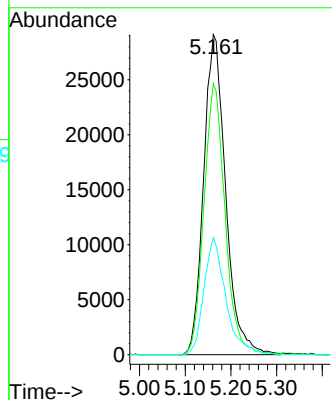
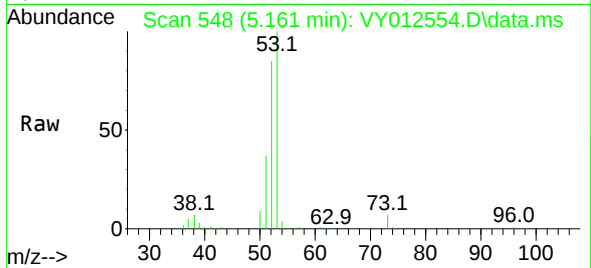




#15
Acrylonitrile
Concen: 257.609 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

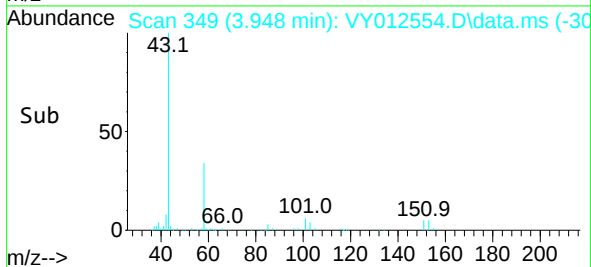
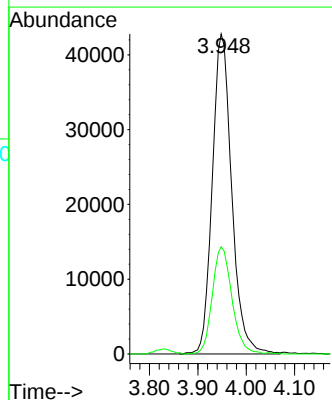
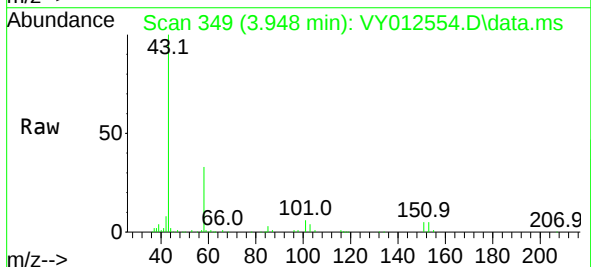
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

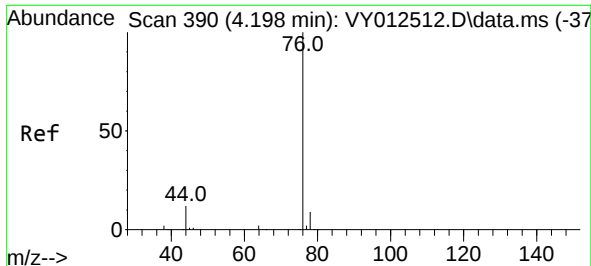
Tgt Ion: 53 Resp: 97368
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.4 28.7 43.1



#16
Acetone
Concen: 281.391 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 43 Resp: 119259
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7





#17

Carbon Disulfide

Concen: 43.480 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

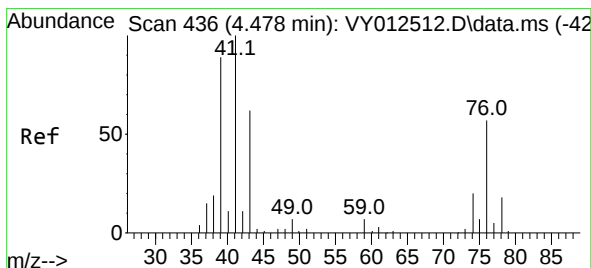
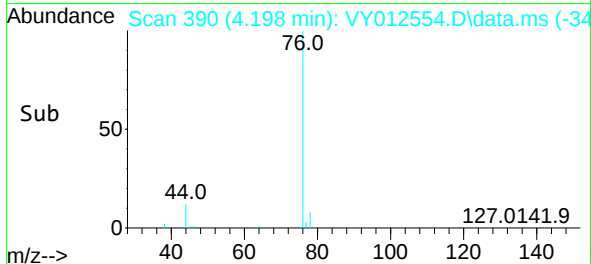
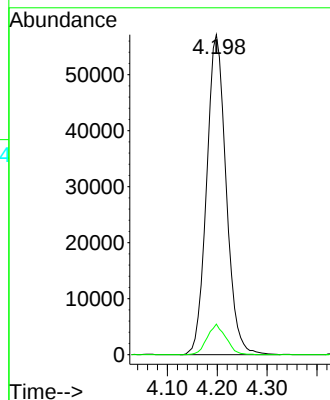
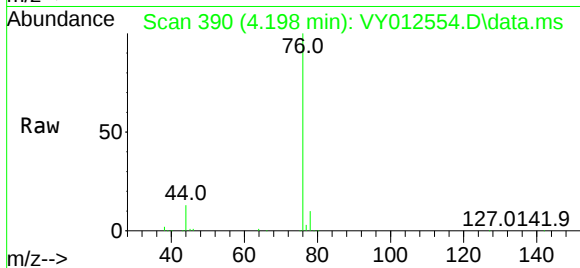
VSTDCCC050

Tgt Ion: 76 Resp: 155469

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3



#18

Methyl Acetate

Concen: 47.337 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012554.D

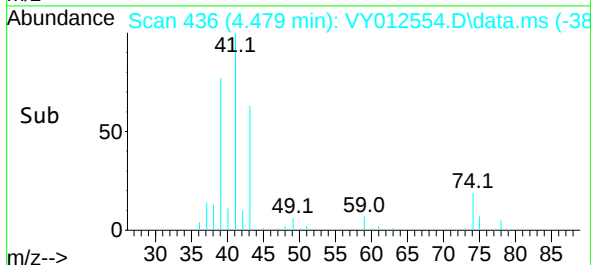
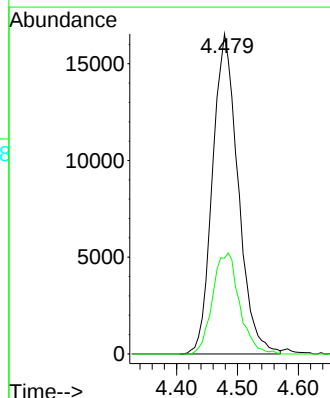
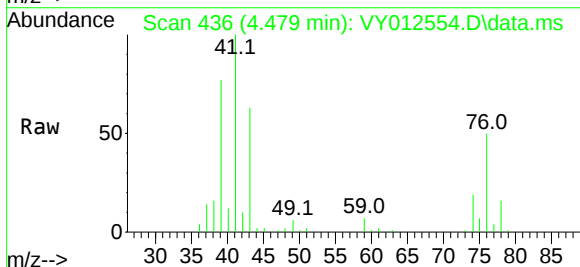
Acq: 09 Feb 2023 09:40

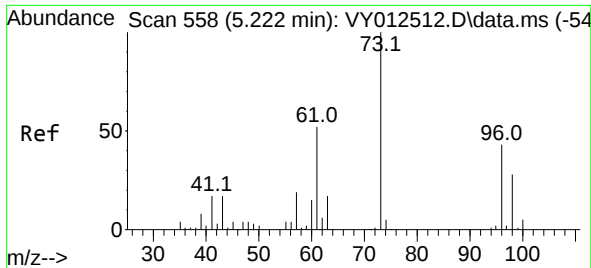
Tgt Ion: 43 Resp: 48222

Ion Ratio Lower Upper

43 100

74 33.0 25.6 38.4

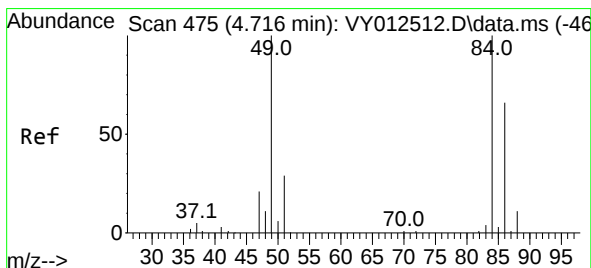
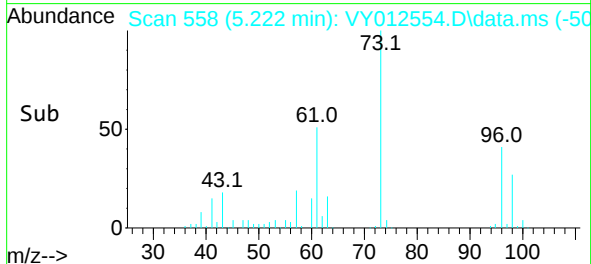
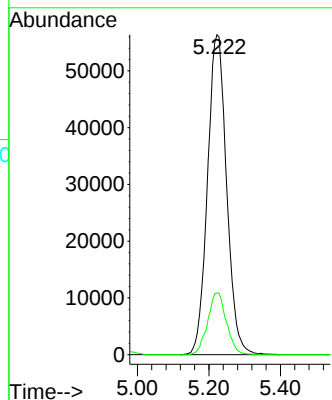
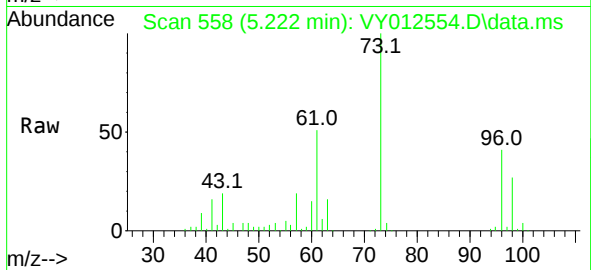




#19
Methyl tert-butyl Ether
Concen: 51.826 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

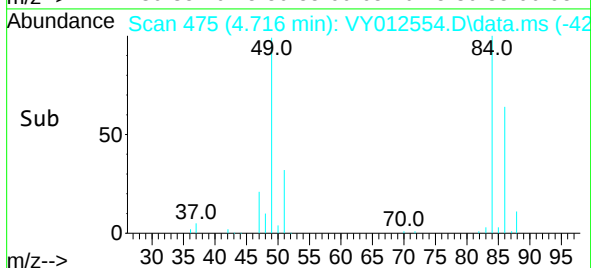
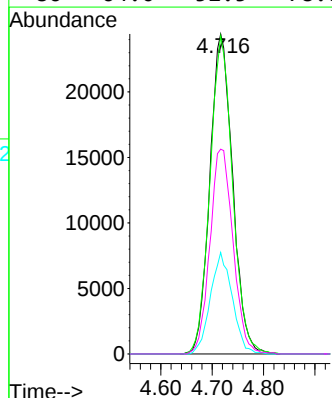
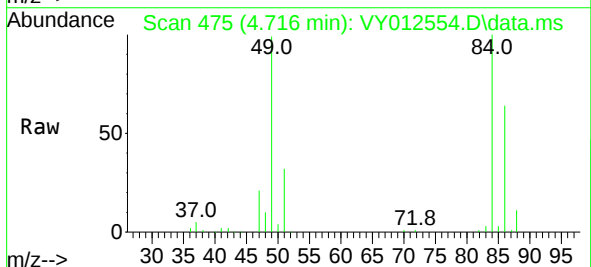
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

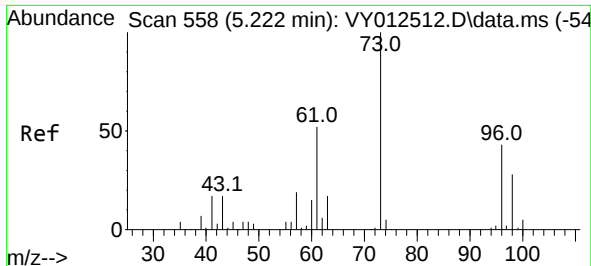
Tgt Ion: 73 Resp: 209062
Ion Ratio Lower Upper
73 100
57 19.3 15.3 22.9



#20
Methylene Chloride
Concen: 47.289 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 84 Resp: 75234
Ion Ratio Lower Upper
84 100
49 99.3 79.8 119.6
51 31.7 23.4 35.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.890 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

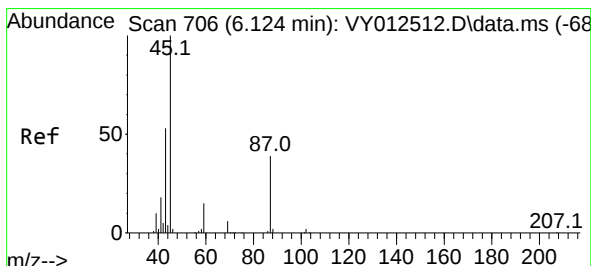
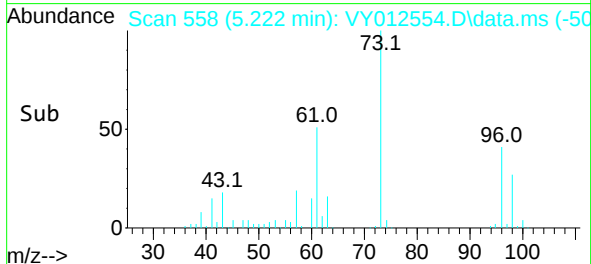
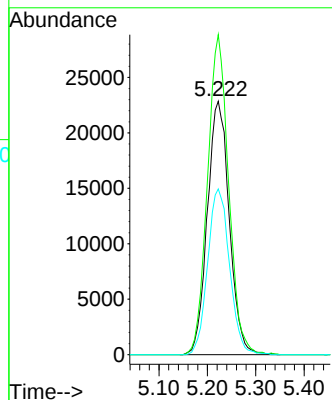
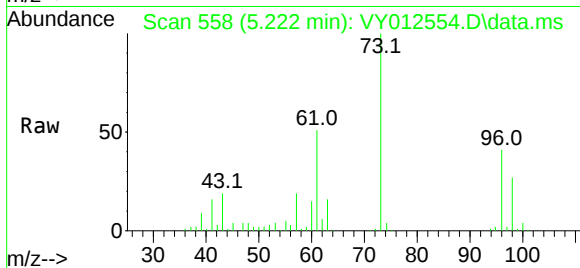
Tgt Ion: 96 Resp: 72000

Ion Ratio Lower Upper

96 100

61 126.3 96.2 144.4

98 65.4 51.6 77.4



#22

Diisopropyl ether

Concen: 51.042 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Tgt Ion: 45 Resp: 174446

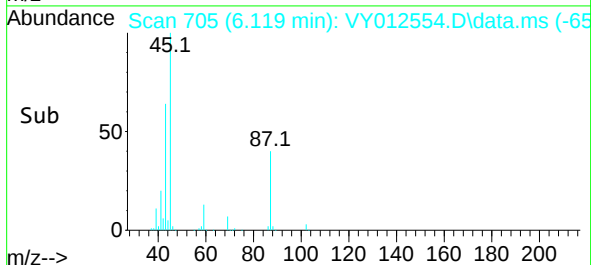
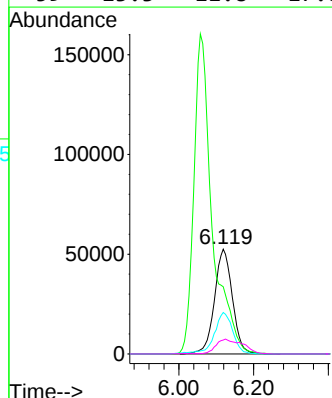
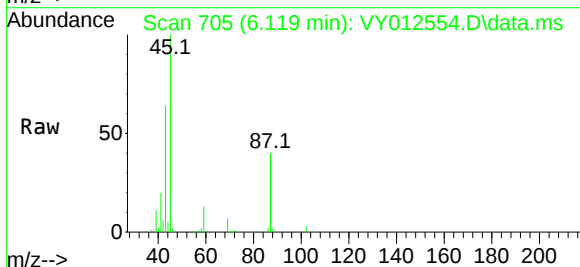
Ion Ratio Lower Upper

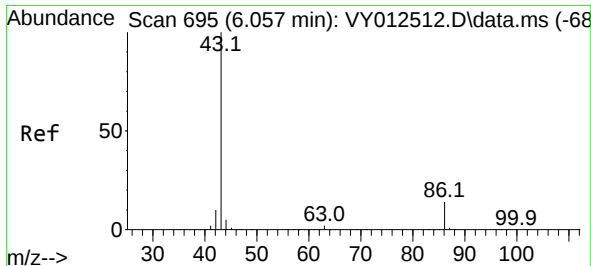
45 100

43 63.8 45.9 68.9

87 39.5 32.2 48.4

59 13.3 11.8 17.8

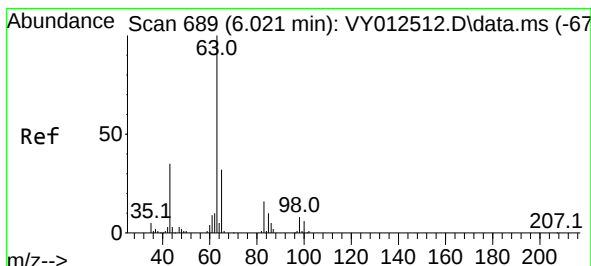
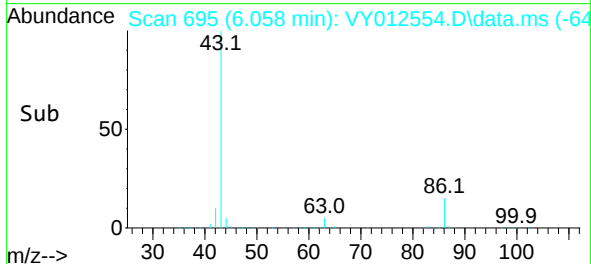
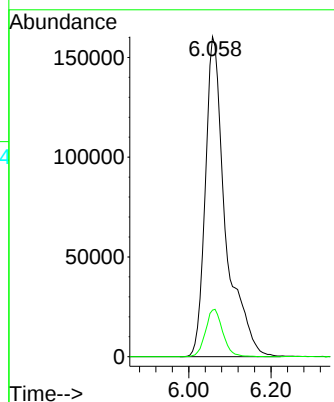
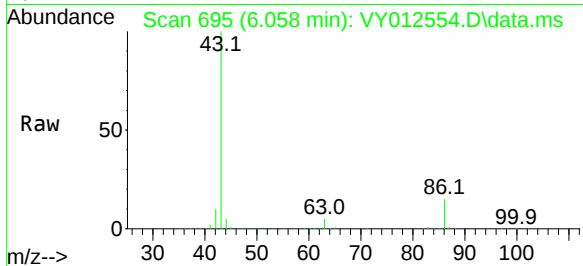




#23
 Vinyl Acetate
 Concen: 265.130 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012554.D
 Acq: 09 Feb 2023 09:40

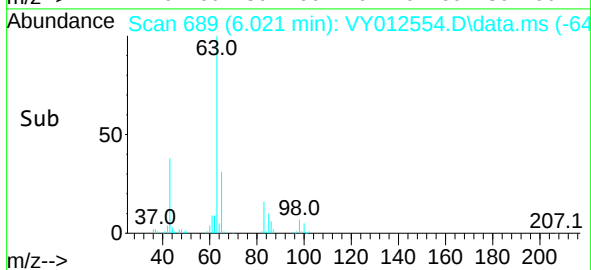
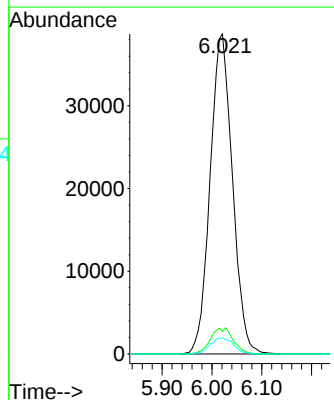
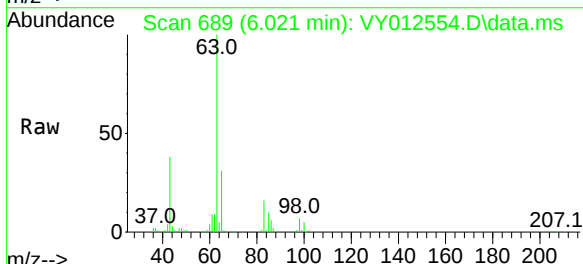
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

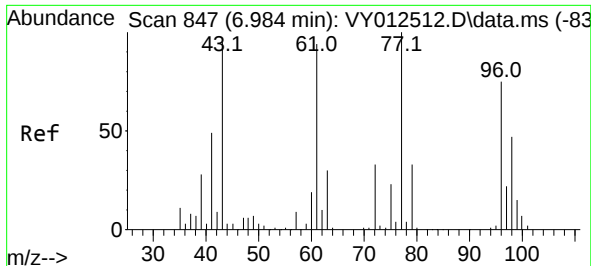
Tgt Ion: 43 Resp: 546264
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 49.226 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012554.D
 Acq: 09 Feb 2023 09:40

Tgt Ion: 63 Resp: 120271
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.1 12.3
 100 5.0 2.9 8.8

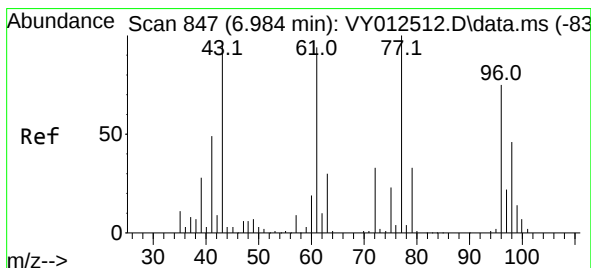
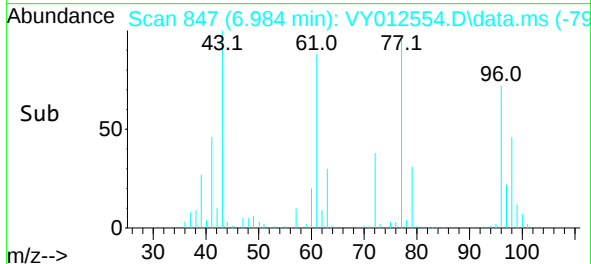
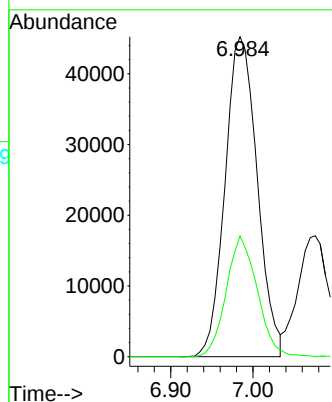
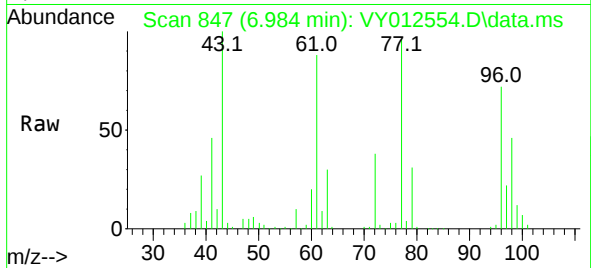




#25
2-Butanone
Concen: 261.856 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

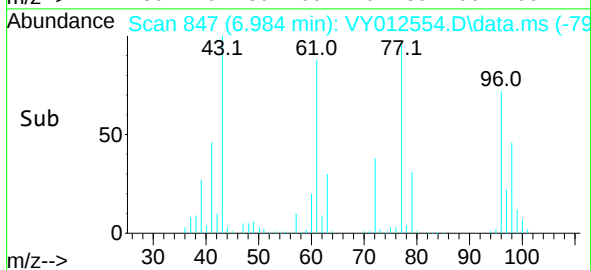
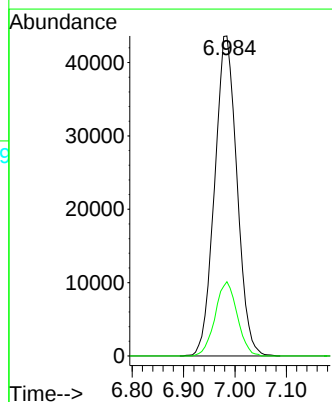
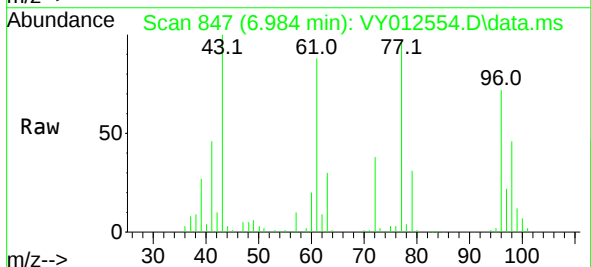
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

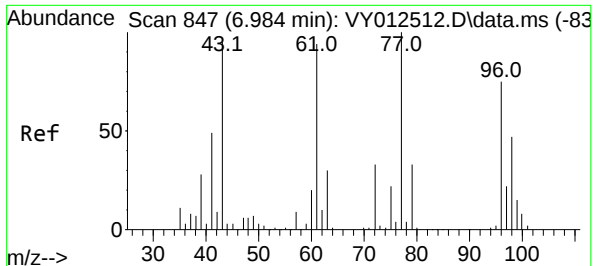
Tgt Ion: 43 Resp: 123133
Ion Ratio Lower Upper
43 100
72 37.7 27.4 41.2



#26
2,2-Dichloropropane
Concen: 49.031 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 77 Resp: 131619
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.017 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

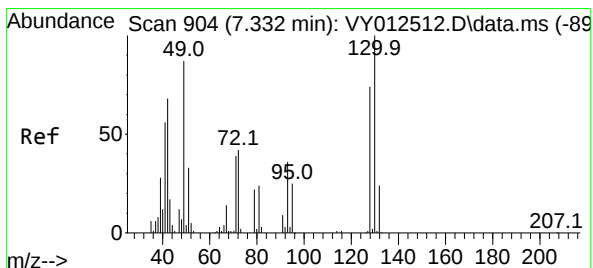
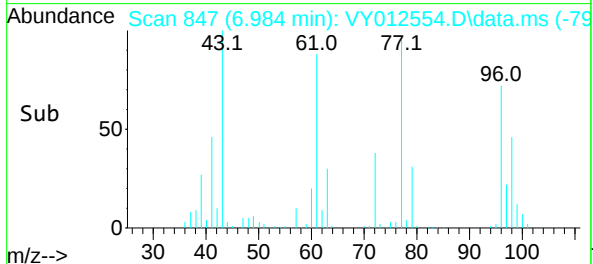
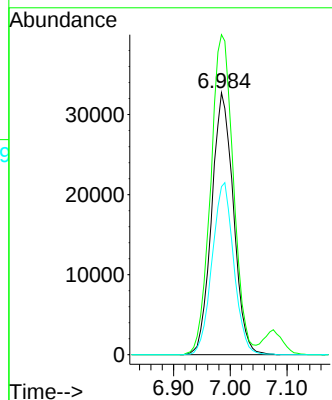
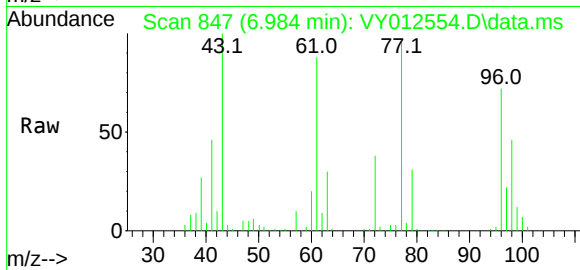
Tgt Ion: 96 Resp: 87266

Ion Ratio Lower Upper

96 100

61 127.9 0.0 259.2

98 65.4 0.0 129.0



#28

Bromochloromethane

Concen: 52.392 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

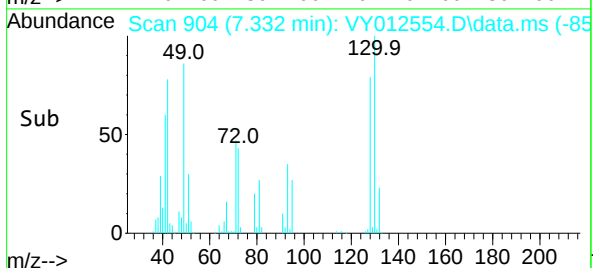
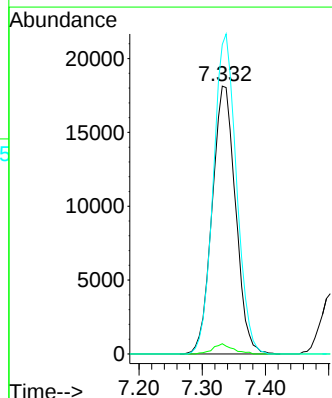
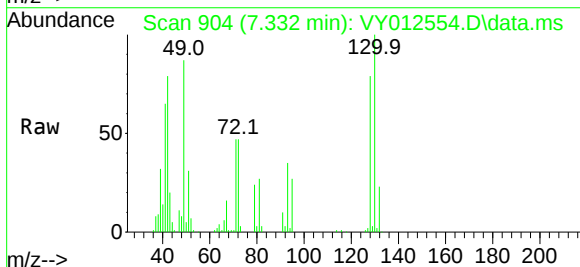
Tgt Ion: 49 Resp: 46531

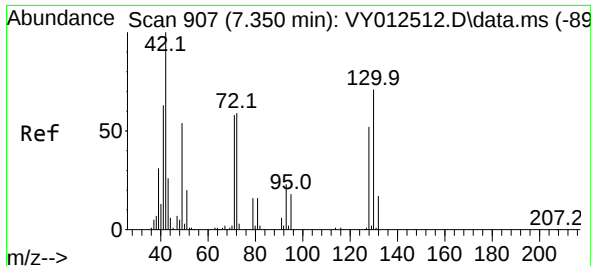
Ion Ratio Lower Upper

49 100

129 3.3 0.0 6.0

130 117.9 93.1 139.7





#29

Tetrahydrofuran

Concen: 262.895 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

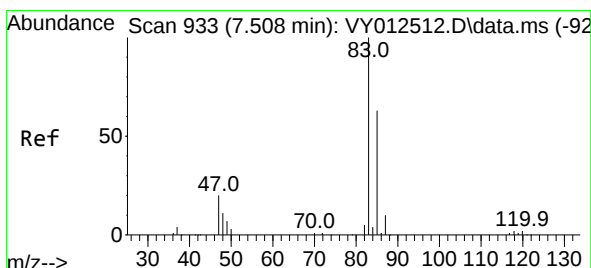
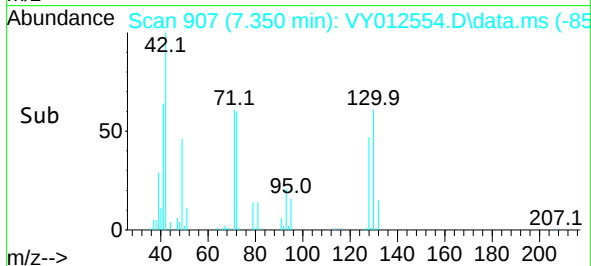
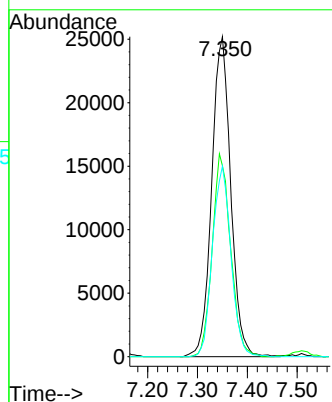
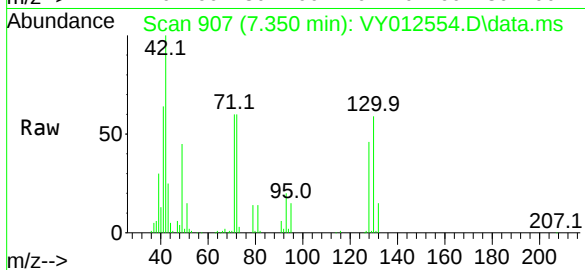
Tgt Ion: 42 Resp: 66832

Ion Ratio Lower Upper

42 100

72 61.2 47.0 70.6

71 58.0 44.6 66.8



#30

Chloroform

Concen: 50.326 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012554.D

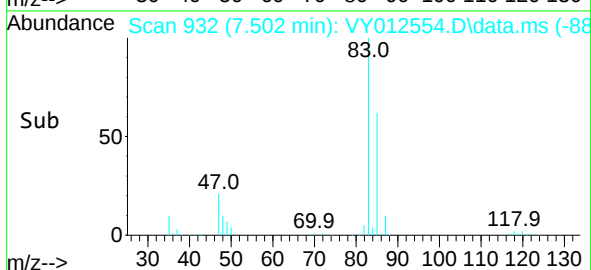
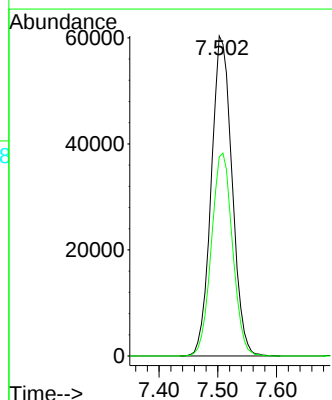
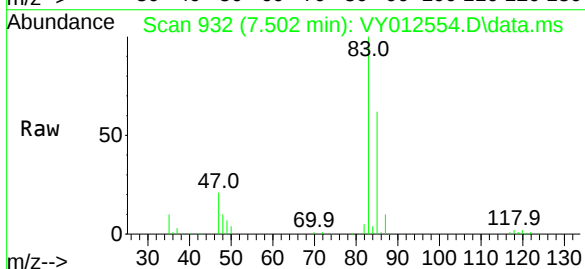
Acq: 09 Feb 2023 09:40

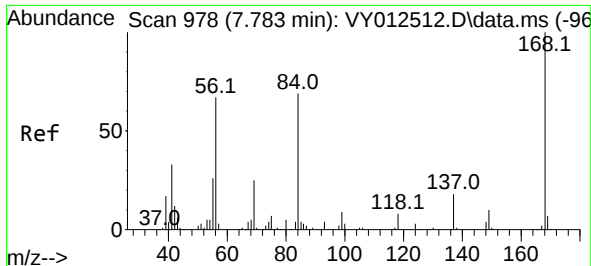
Tgt Ion: 83 Resp: 148246

Ion Ratio Lower Upper

83 100

85 62.2 50.8 76.2

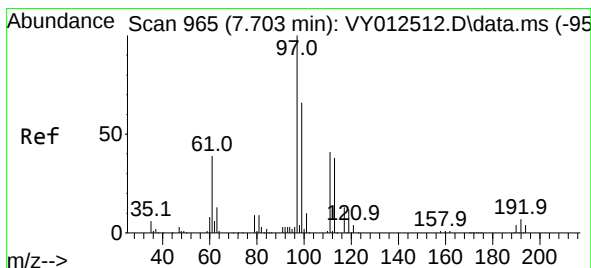
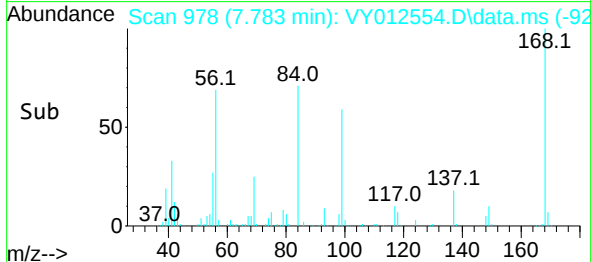
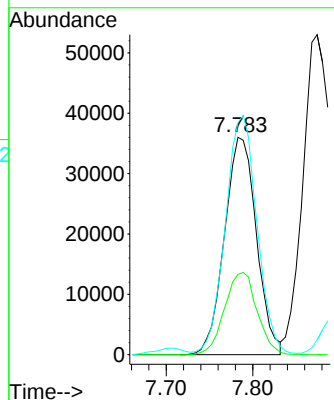
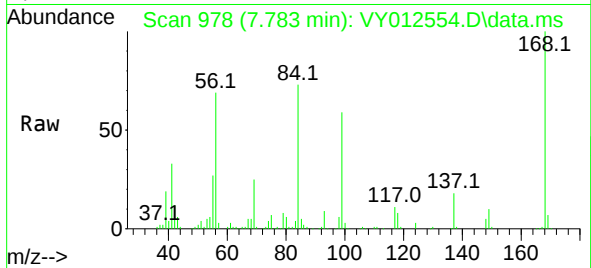




#31
Cyclohexane
Concen: 45.412 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

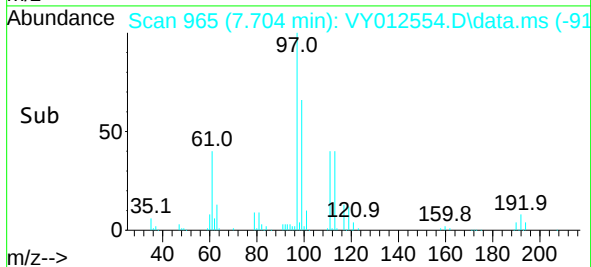
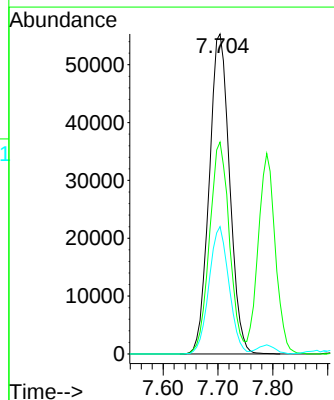
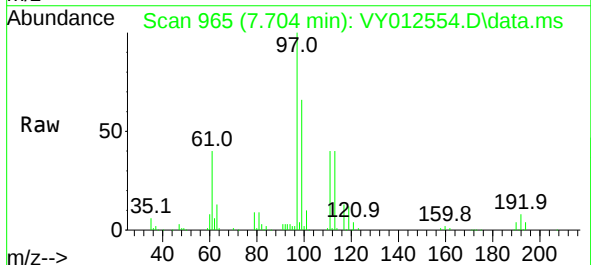
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

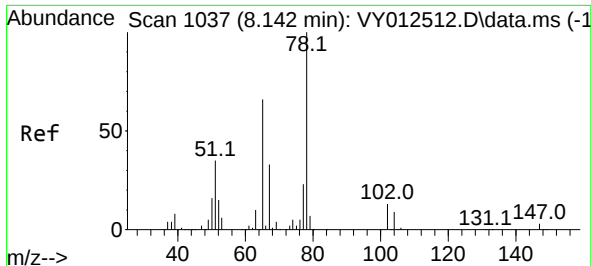
Tgt Ion: 56 Resp: 92455
Ion Ratio Lower Upper
56 100
69 36.9 29.5 44.3
84 104.4 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 50.005 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 97 Resp: 142939
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 39.0 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 50.988 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

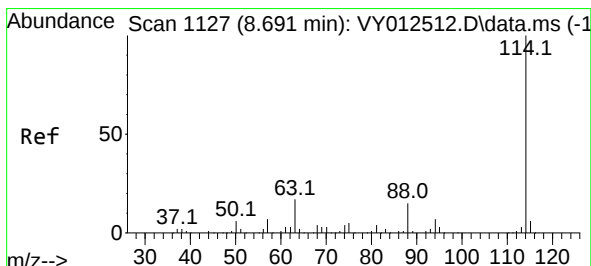
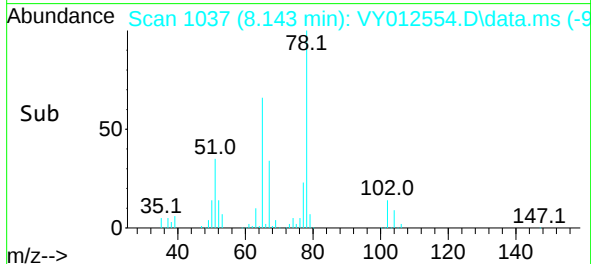
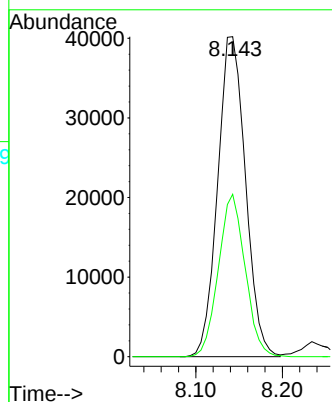
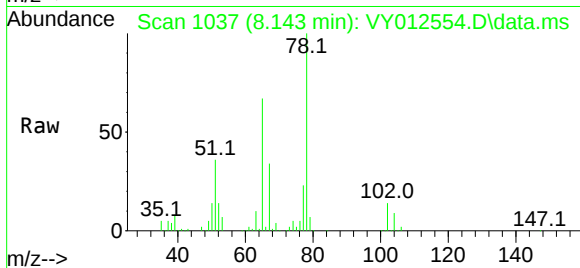
VSTDCCC050

Tgt Ion: 65 Resp: 89785

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

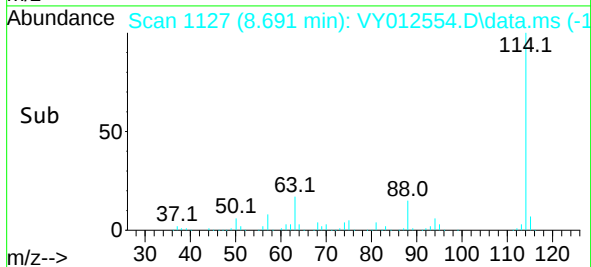
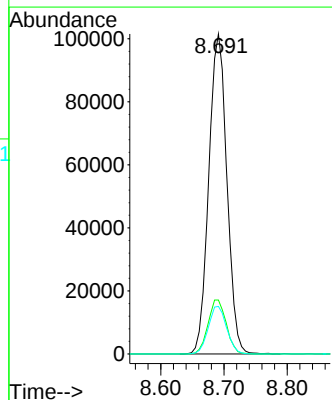
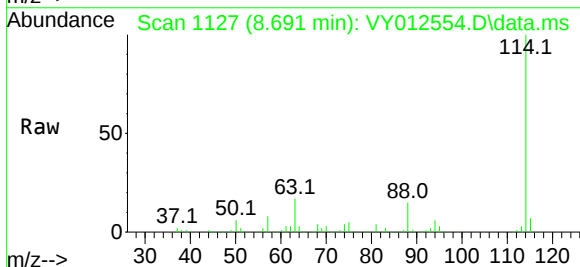
Tgt Ion: 114 Resp: 201765

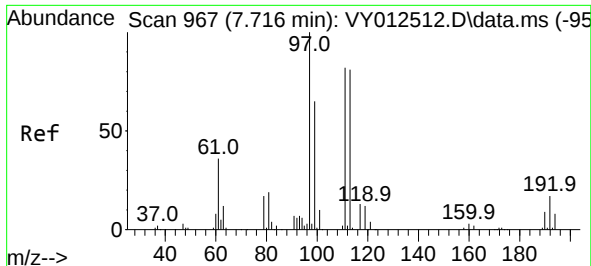
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.9 0.0 29.8

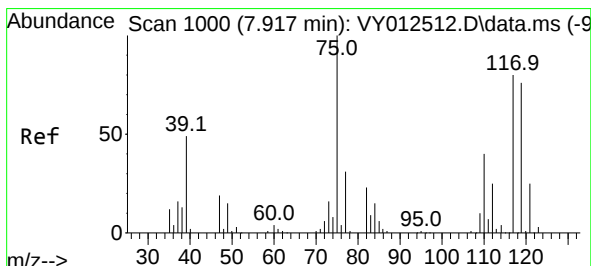
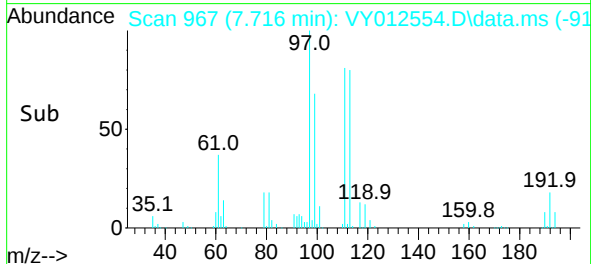
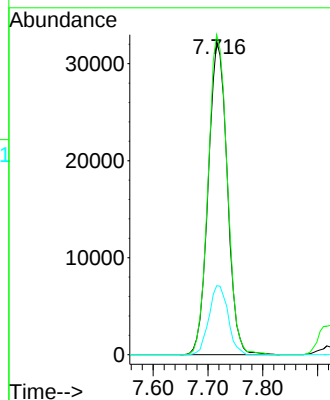
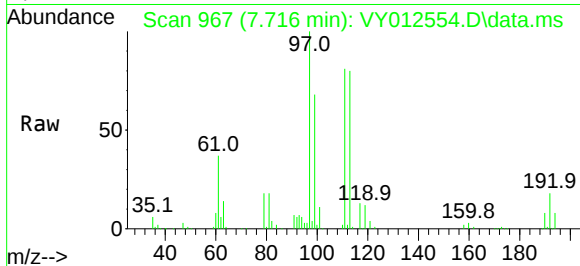




#35
Dibromofluoromethane
Concen: 52.863 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

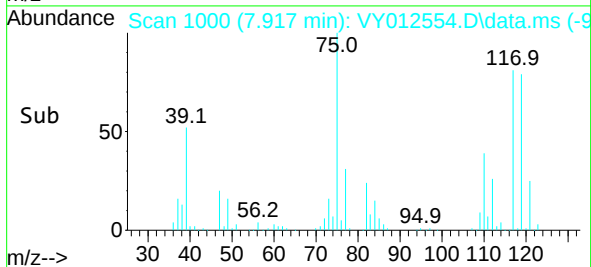
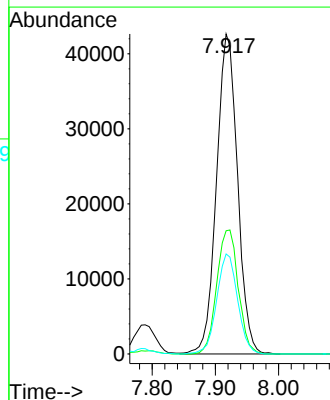
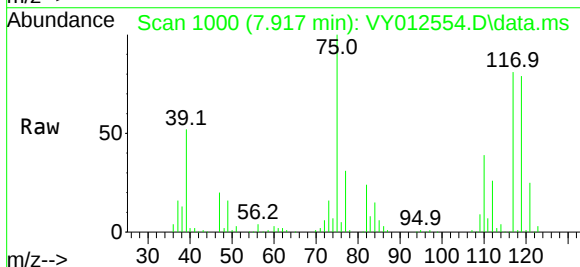
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

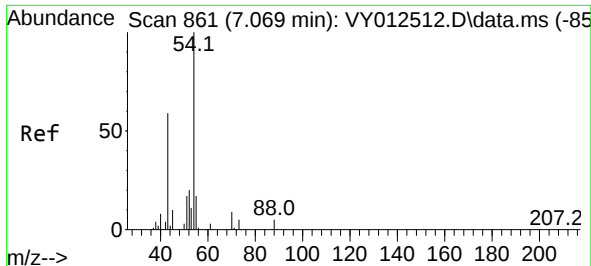
Tgt Ion:113 Resp: 77675
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 22.1 17.5 26.3



#36
1,1-Dichloropropene
Concen: 49.439 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 75 Resp: 98317
Ion Ratio Lower Upper
75 100
110 39.5 19.5 58.5
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 52.543 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

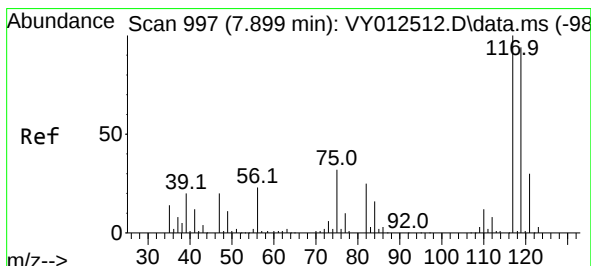
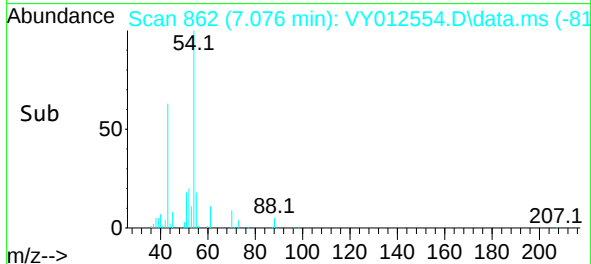
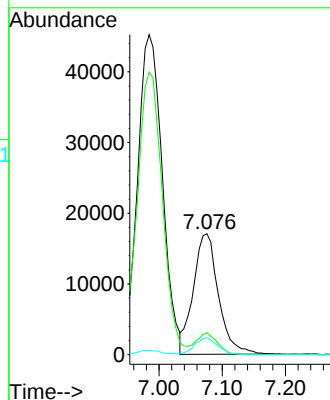
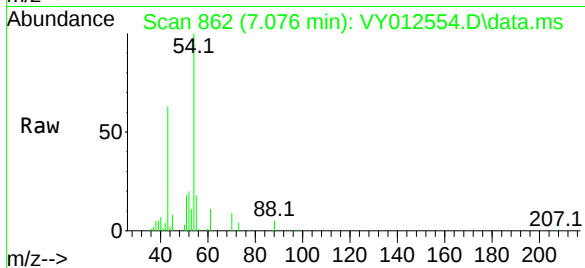
Tgt Ion: 43 Resp: 47149

Ion Ratio Lower Upper

43 100

61 15.4 12.5 18.7

70 12.9 11.0 16.4



#38

Carbon Tetrachloride

Concen: 51.354 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

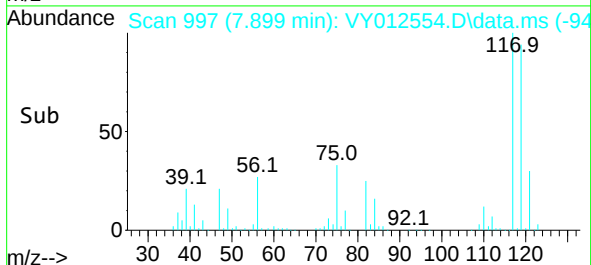
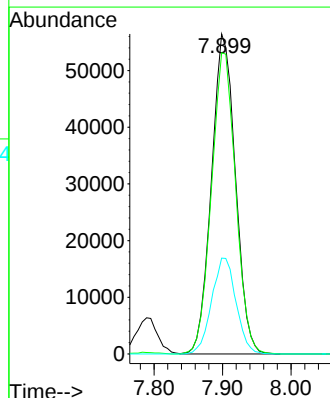
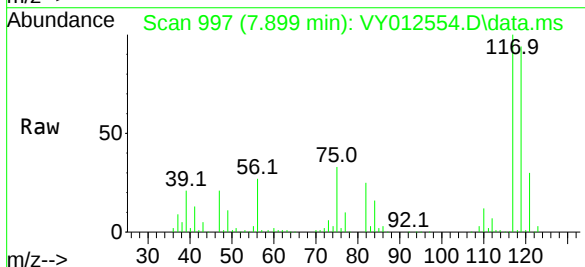
Tgt Ion: 117 Resp: 137088

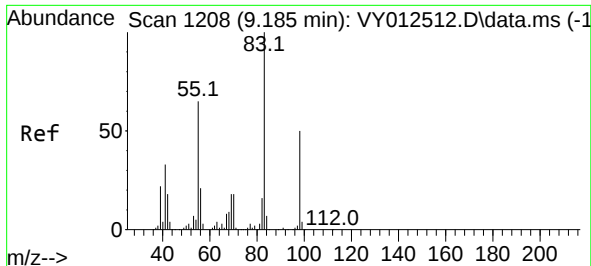
Ion Ratio Lower Upper

117 100

119 94.1 75.1 112.7

121 30.0 24.3 36.5

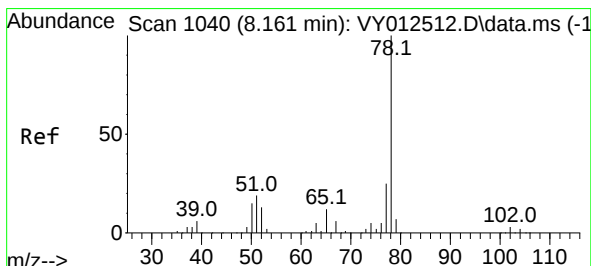
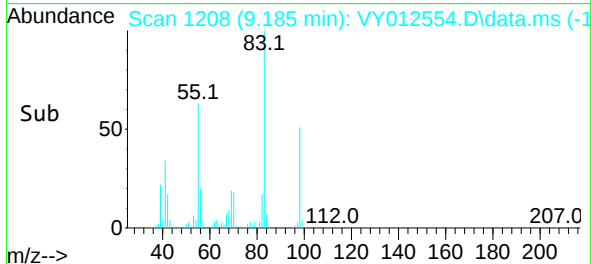
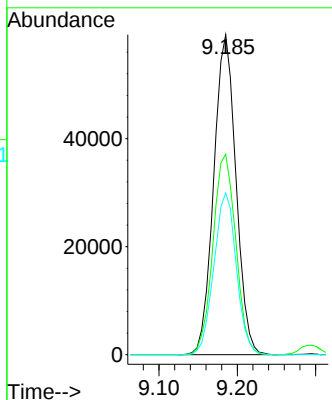
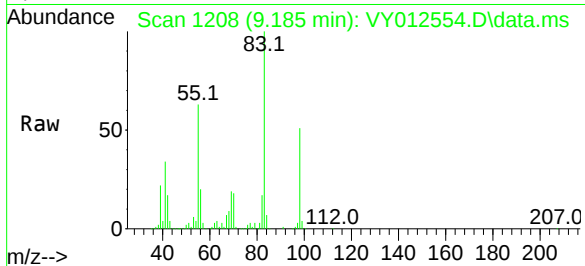




#39
Methylcyclohexane
Concen: 48.894 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

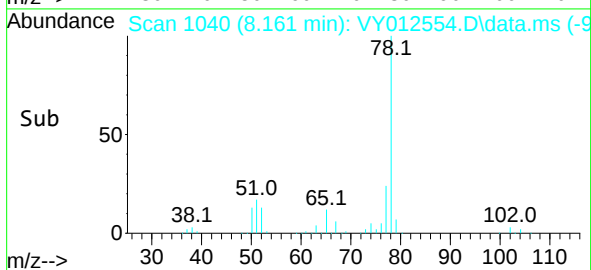
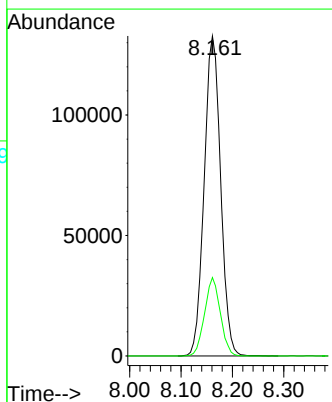
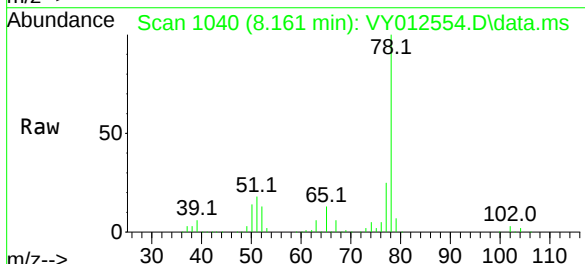
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

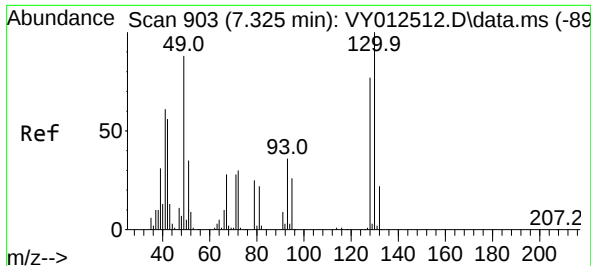
Tgt Ion: 83 Resp: 117002
Ion Ratio Lower Upper
83 100
55 62.6 52.0 78.0
98 50.6 40.4 60.6



#40
Benzene
Concen: 50.308 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 78 Resp: 295492
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9

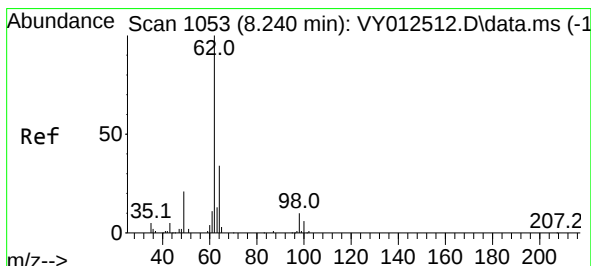
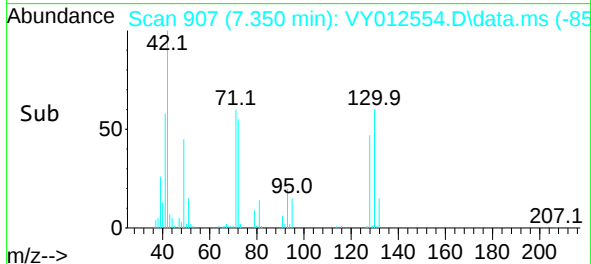
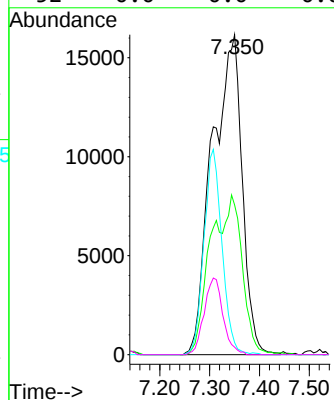
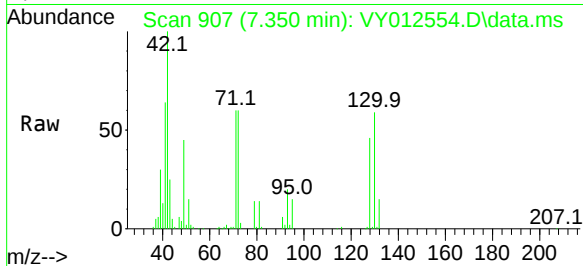




#41
Methacrylonitrile
Concen: 137.007 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

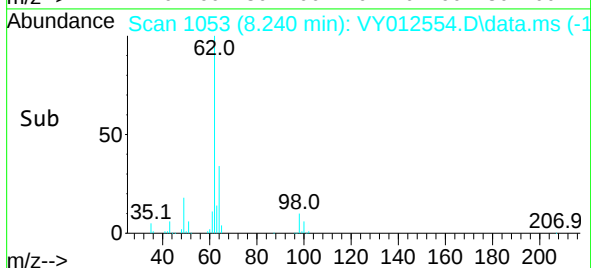
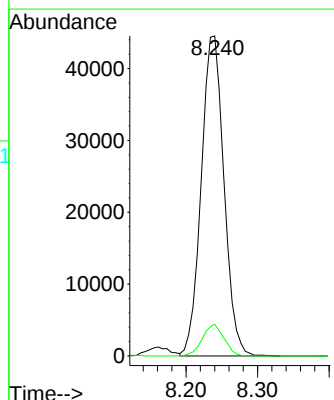
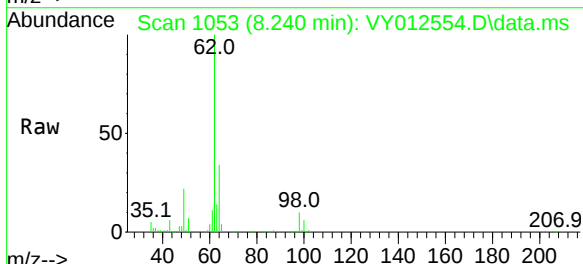
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

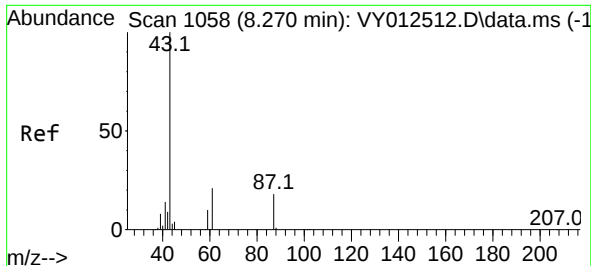
Tgt Ion: 41 Resp: 67355
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.696 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 62 Resp: 98417
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2

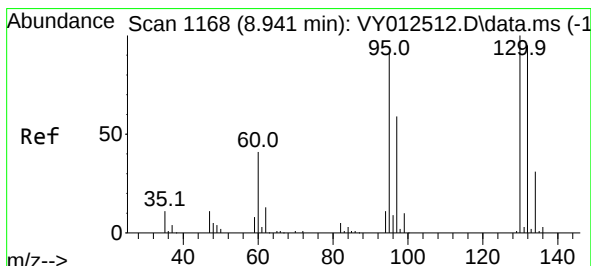
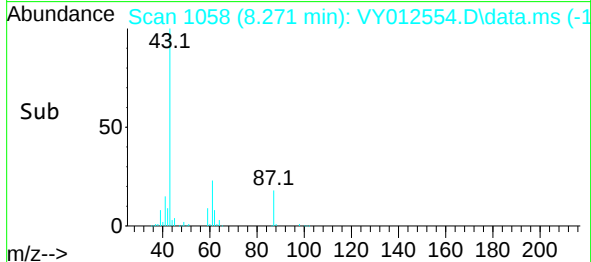
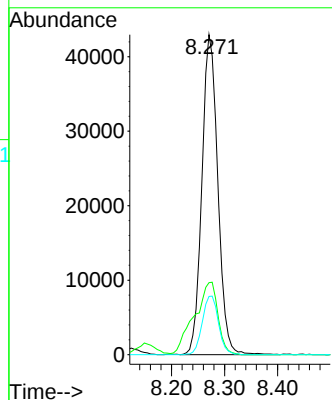
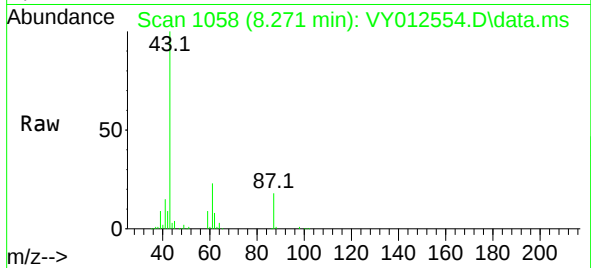




#43
Isopropyl Acetate
Concen: 53.911 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

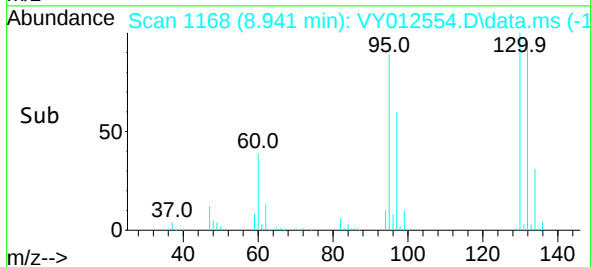
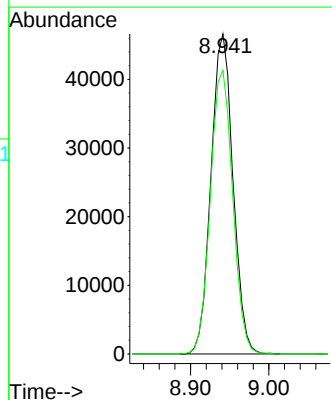
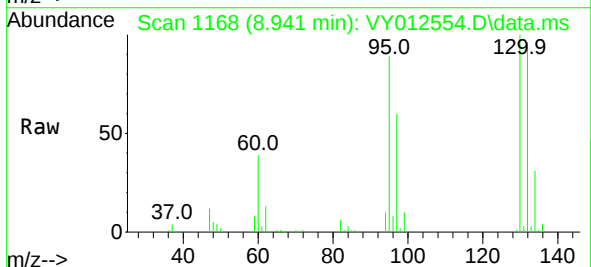
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

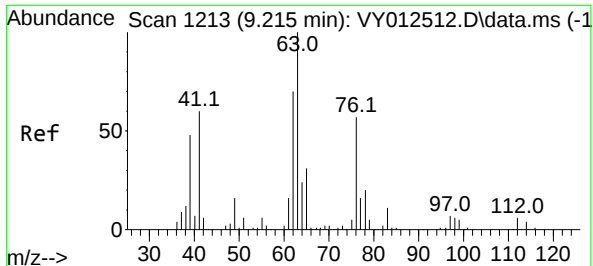
Tgt Ion: 43 Resp: 89694
Ion Ratio Lower Upper
43 100
61 33.5 27.2 40.8
87 18.6 15.0 22.4



#44
Trichloroethene
Concen: 50.946 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion:130 Resp: 91092
Ion Ratio Lower Upper
130 100
95 88.6 0.0 181.2





#45

1,2-Dichloropropane

Concen: 50.341 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

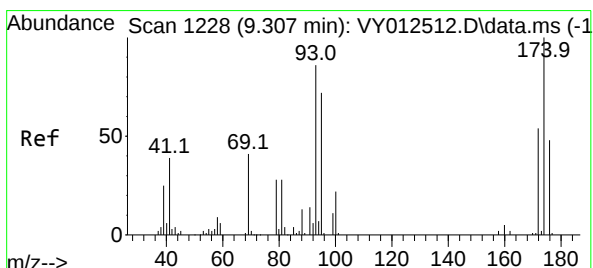
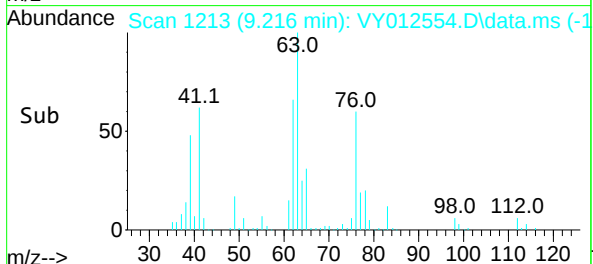
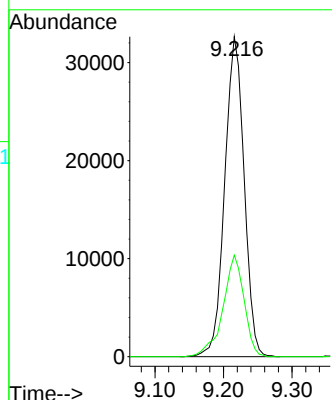
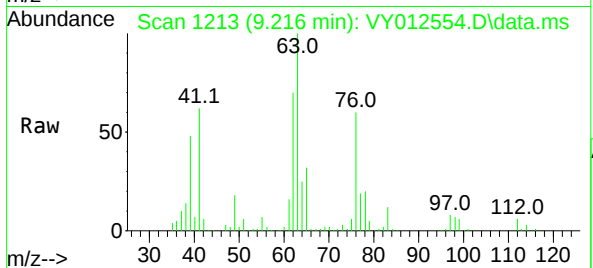
VSTDCCC050

Tgt Ion: 63 Resp: 64115

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



#46

Dibromomethane

Concen: 52.022 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

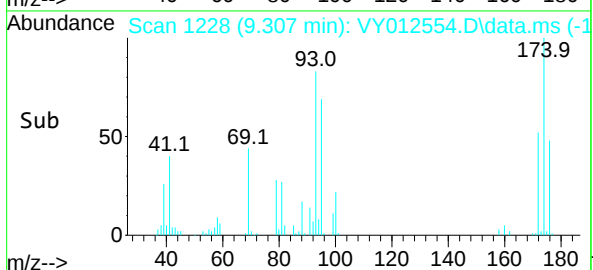
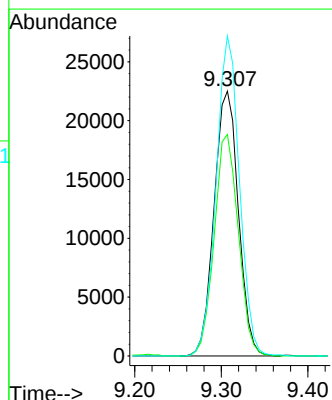
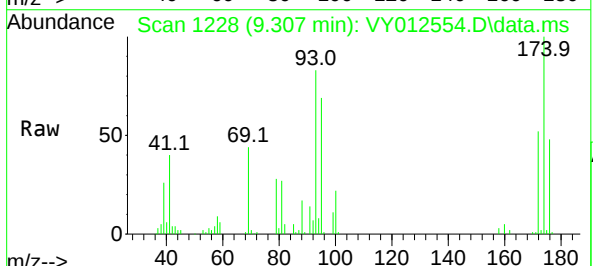
Tgt Ion: 93 Resp: 43871

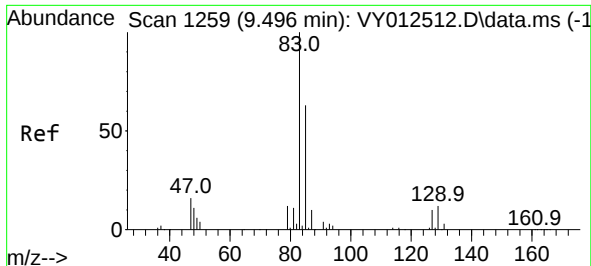
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 116.4 93.4 140.2

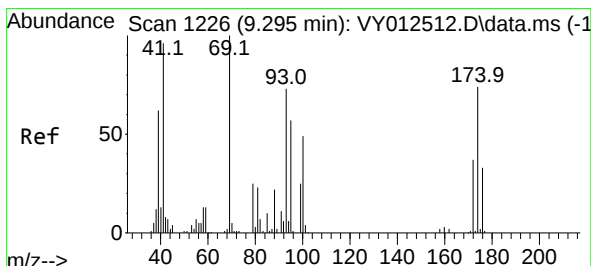
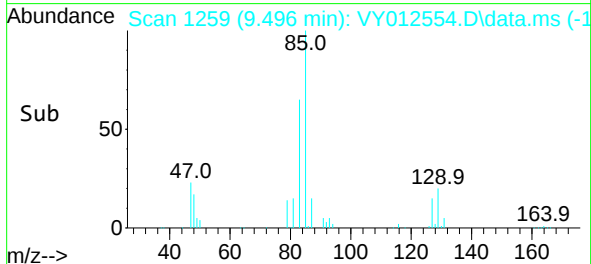
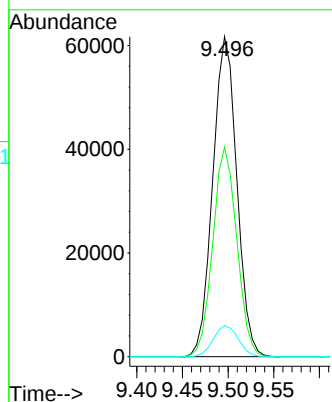
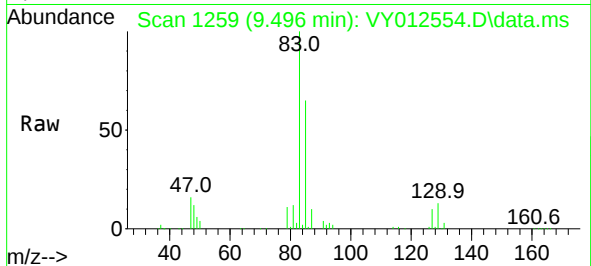




#47
Bromodichloromethane
Concen: 51.676 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

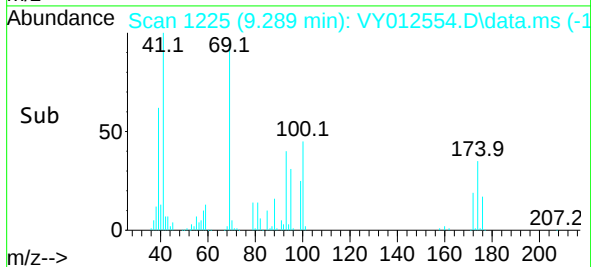
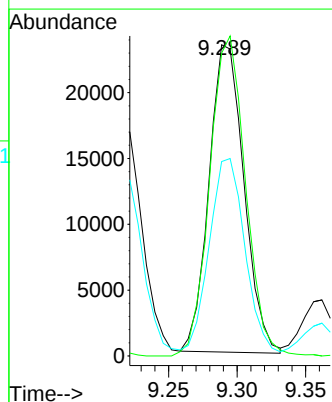
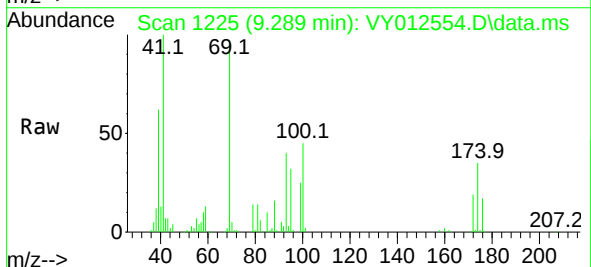
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

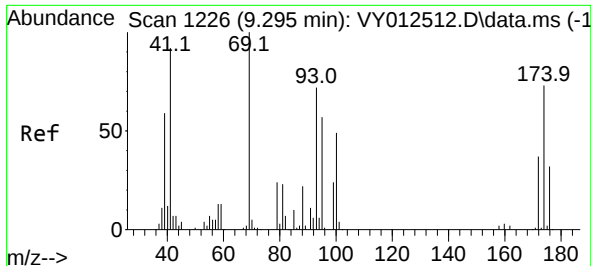
Tgt Ion: 83 Resp: 112995
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1
127 9.8 8.1 12.1



#48
Methyl methacrylate
Concen: 54.483 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 41 Resp: 41434
Ion Ratio Lower Upper
41 100
69 106.4 85.4 128.2
39 66.6 52.7 79.1





#49

1,4-Dioxane

Concen: 1120.204 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

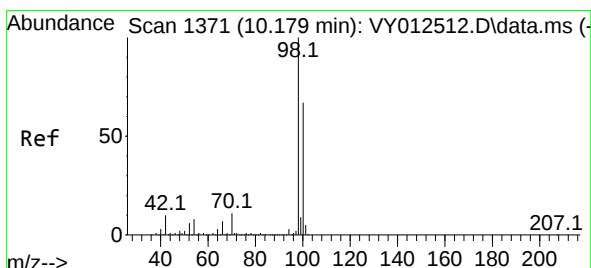
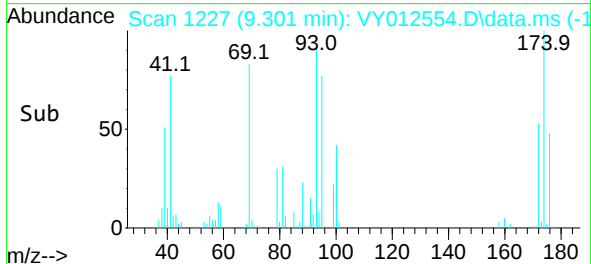
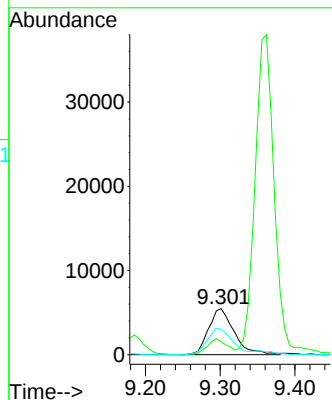
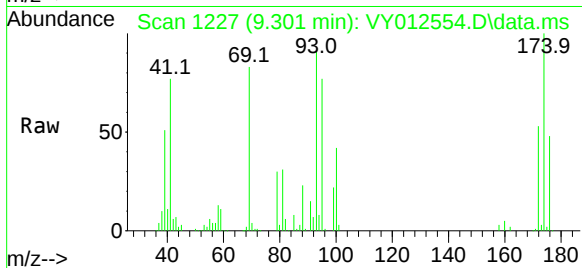
Tgt Ion: 88 Resp: 13041

Ion Ratio Lower Upper

88 100

43 27.0 22.6 33.8

58 54.8 45.4 68.0



#50

Toluene-d8

Concen: 52.770 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012554.D

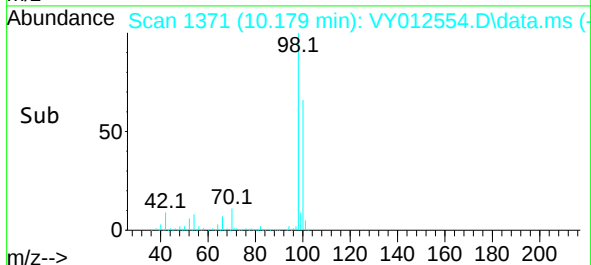
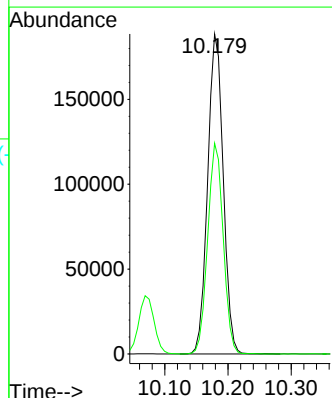
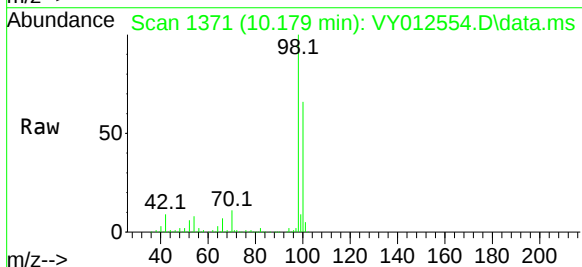
Acq: 09 Feb 2023 09:40

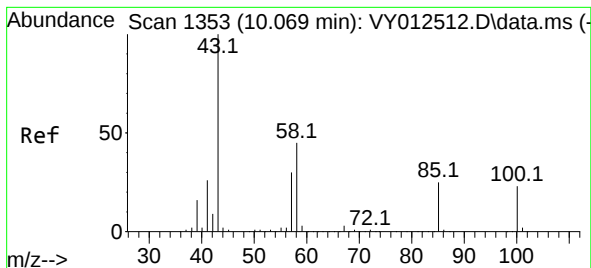
Tgt Ion: 98 Resp: 322737

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

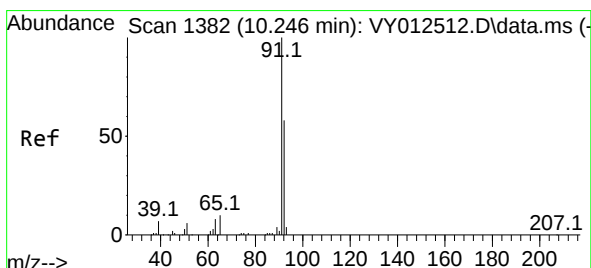
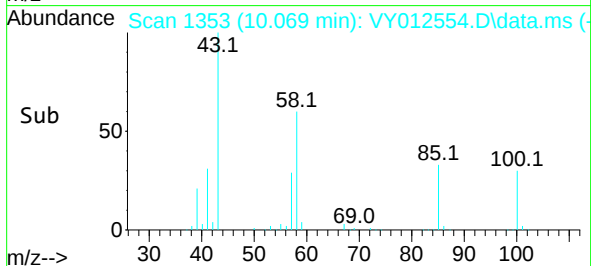
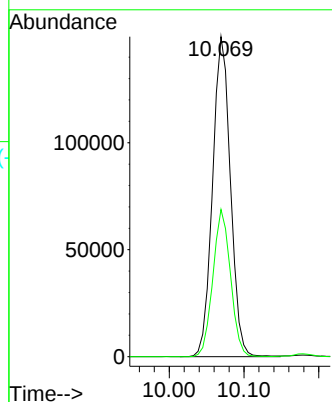
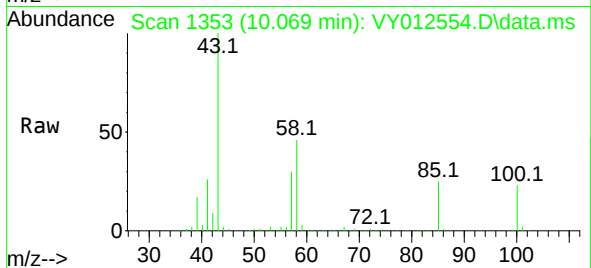




#51
4-Methyl-2-Pentanone
Concen: 277.855 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

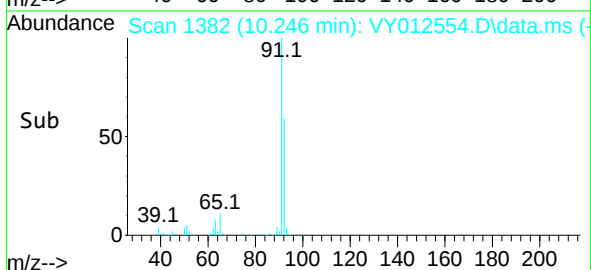
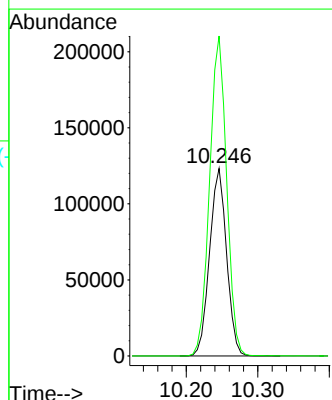
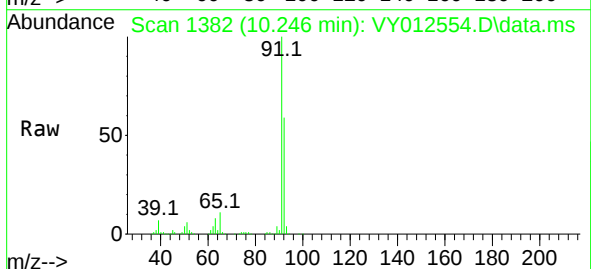
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

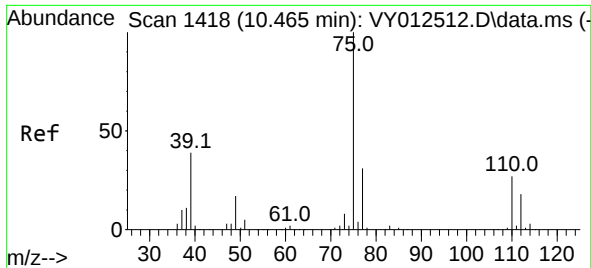
Tgt Ion: 43 Resp: 249415
Ion Ratio Lower Upper
43 100
58 45.4 36.2 54.2



#52
Toluene
Concen: 50.993 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 92 Resp: 203114
Ion Ratio Lower Upper
92 100
91 171.2 137.2 205.8

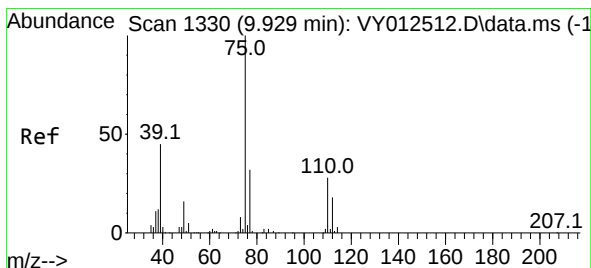
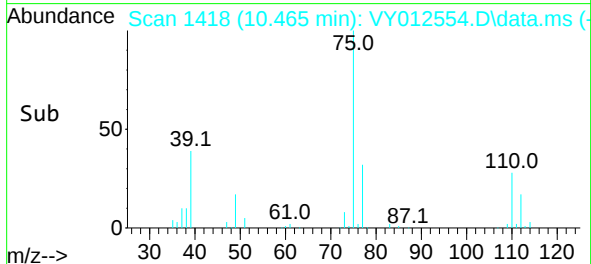
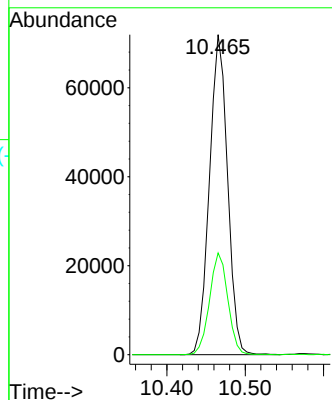
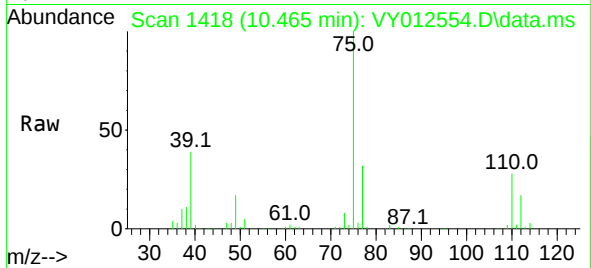




#53
t-1,3-Dichloropropene
Concen: 52.381 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

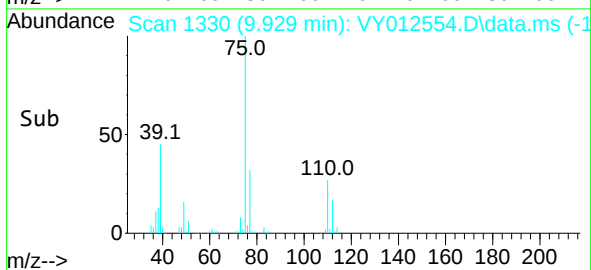
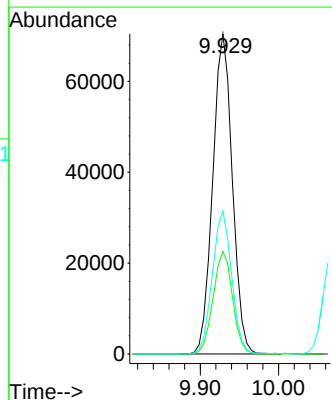
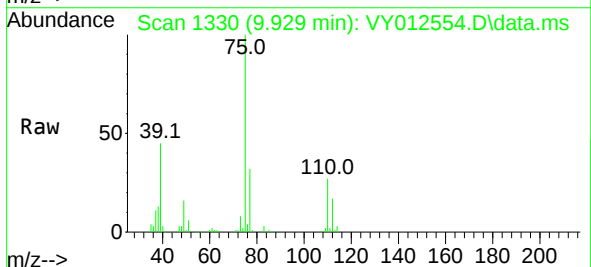
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

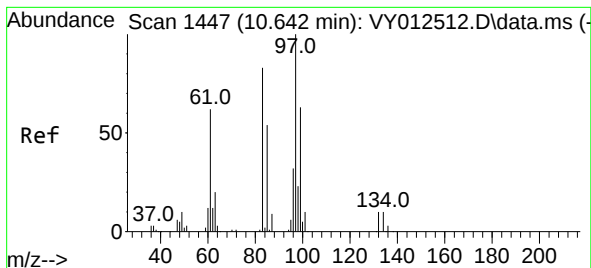
Tgt Ion: 75 Resp: 115414
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.273 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 75 Resp: 122256
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 44.7 36.0 54.0

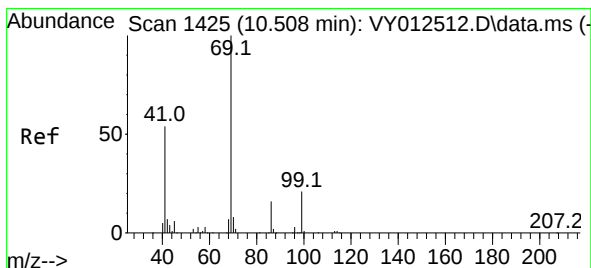
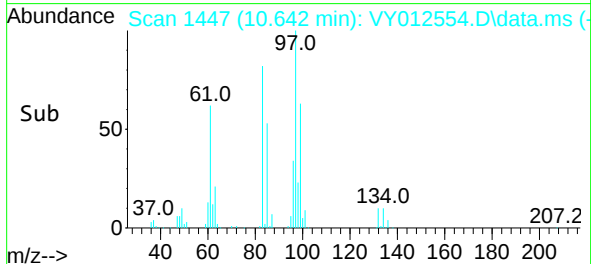
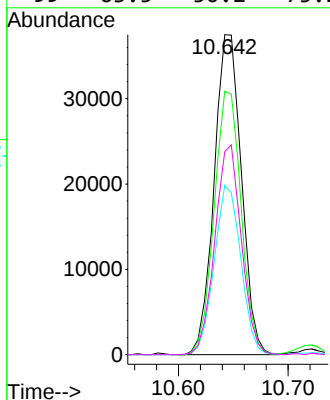
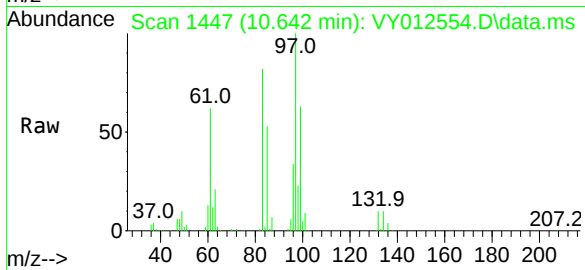




#55
 1,1,2-Trichloroethane
 Concen: 52.644 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY012554.D
 Acq: 09 Feb 2023 09:40

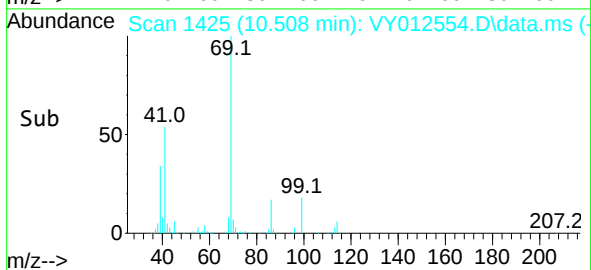
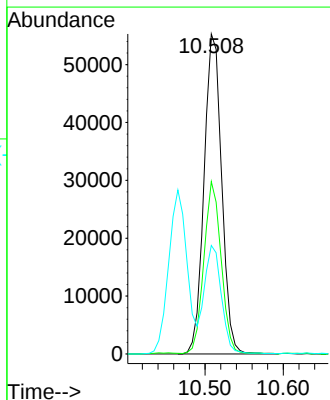
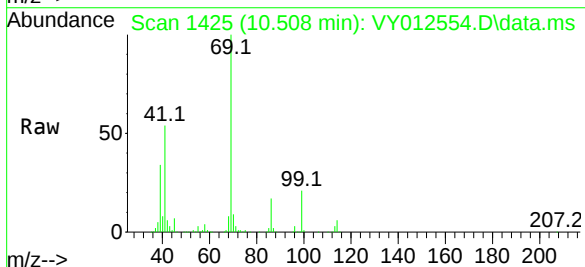
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

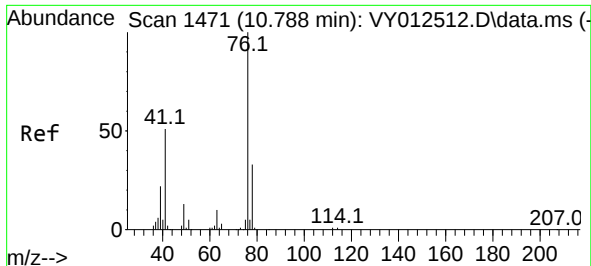
Tgt Ion: 97	Resp: 64870
Ion Ratio	Lower Upper
97 100	
83 82.4	66.0 99.0
85 52.9	43.1 64.7
99 63.5	50.2 75.2



#56
 Ethyl methacrylate
 Concen: 55.804 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY012554.D
 Acq: 09 Feb 2023 09:40

Tgt Ion: 69	Resp: 86394
Ion Ratio	Lower Upper
69 100	
41 53.0	43.4 65.2
39 32.7	26.5 39.7





#57

1,3-Dichloropropane

Concen: 53.517 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

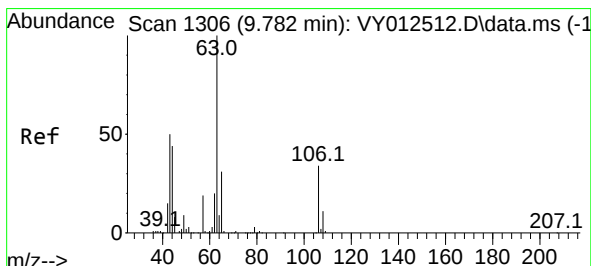
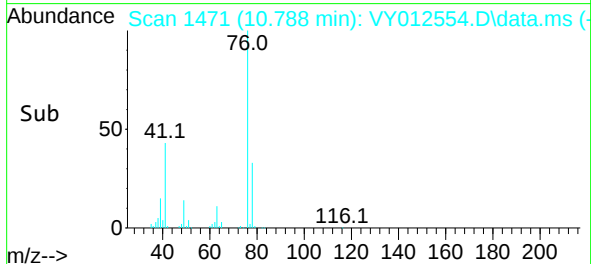
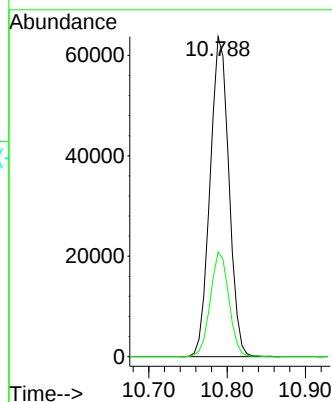
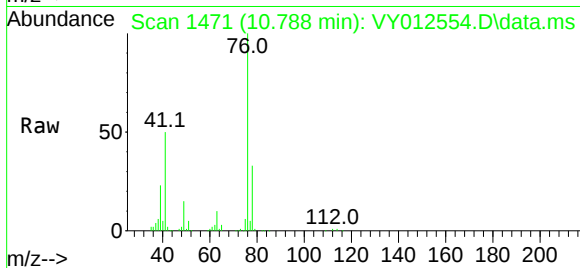
VSTDCCC050

Tgt Ion: 76 Resp: 106431

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.475 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012554.D

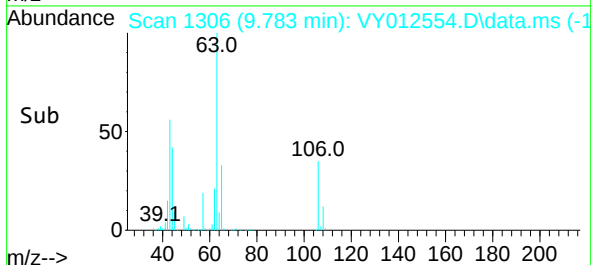
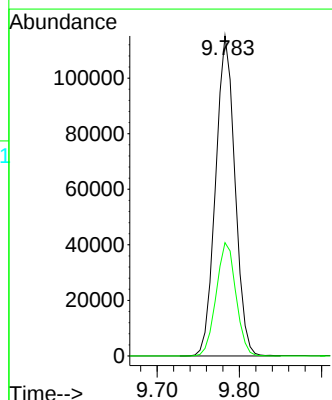
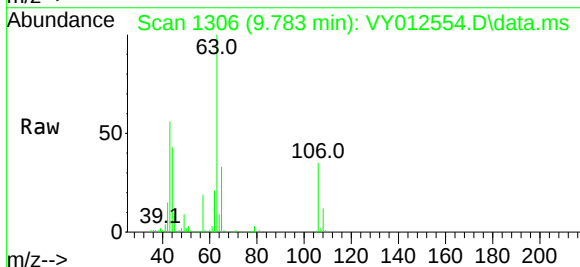
Acq: 09 Feb 2023 09:40

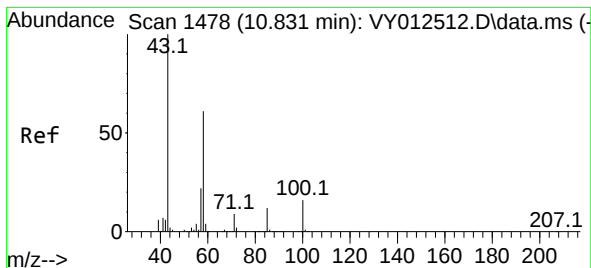
Tgt Ion: 63 Resp: 188213

Ion Ratio Lower Upper

63 100

106 36.1 28.0 42.0

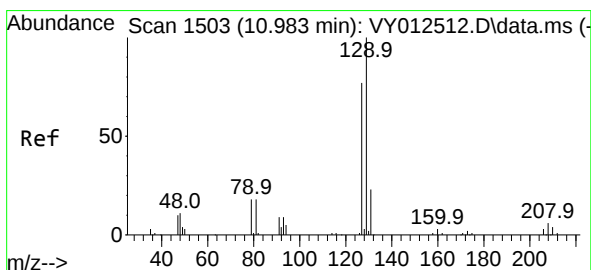
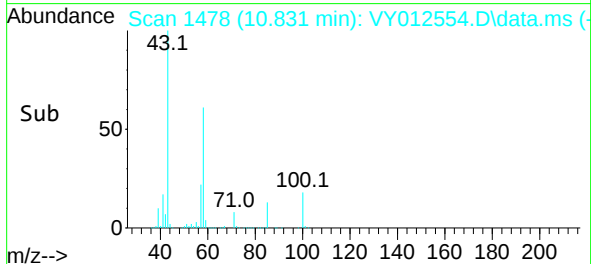
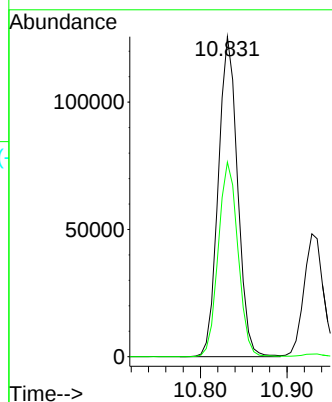
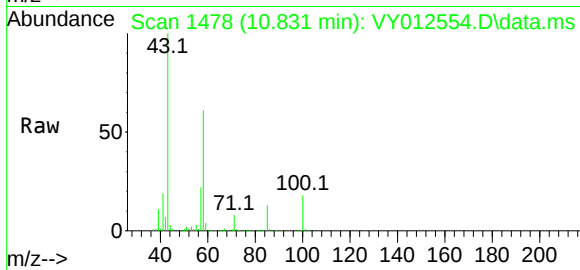




#59
2-Hexanone
Concen: 287.161 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

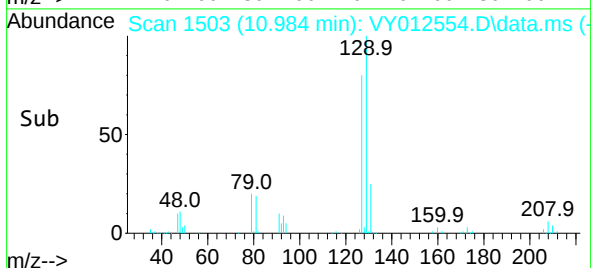
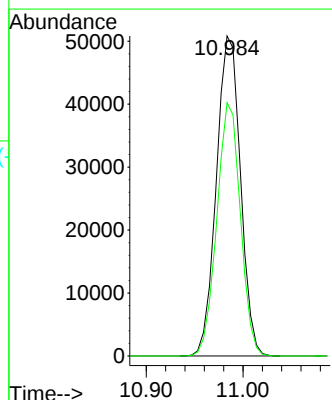
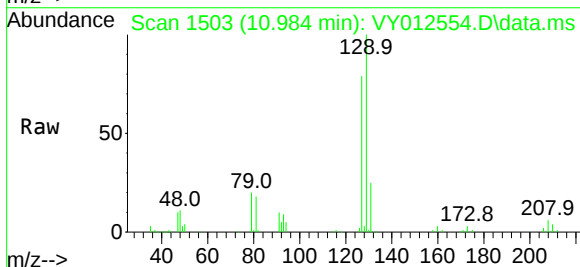
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

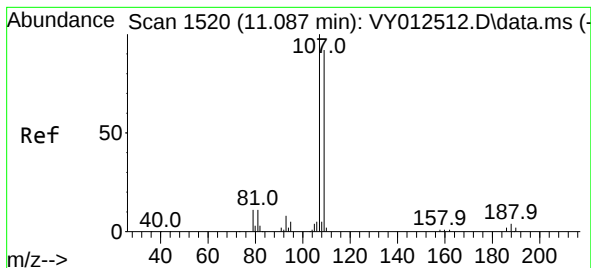
Tgt Ion: 43 Resp: 194799
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.5



#60
Dibromochloromethane
Concen: 53.571 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 129 Resp: 87995
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

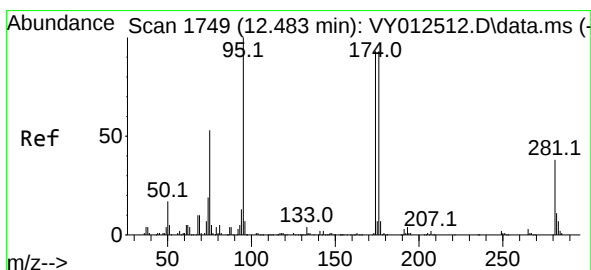
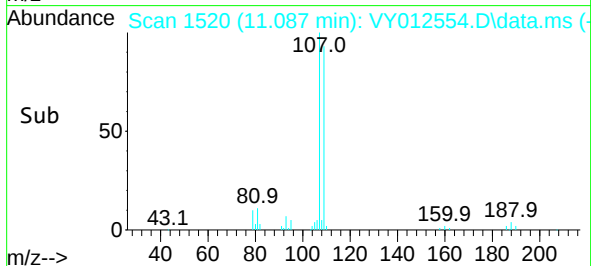
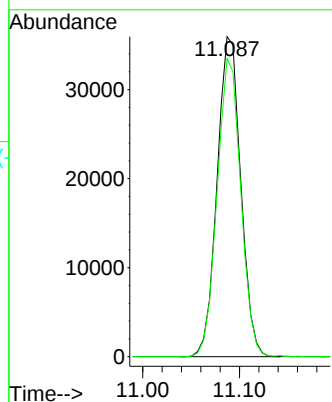
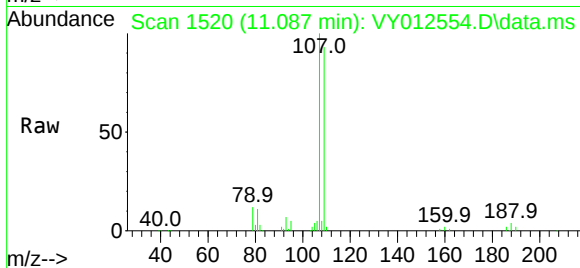




#61
1,2-Dibromoethane
Concen: 52.744 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

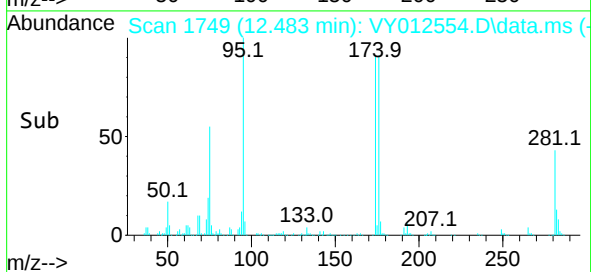
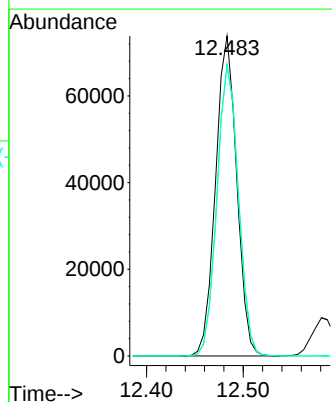
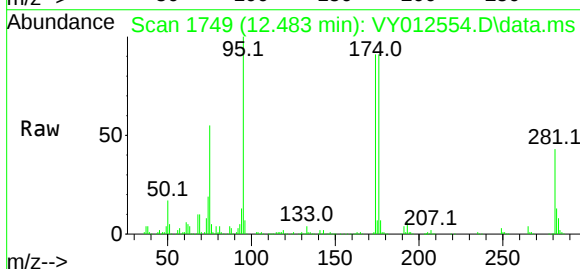
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

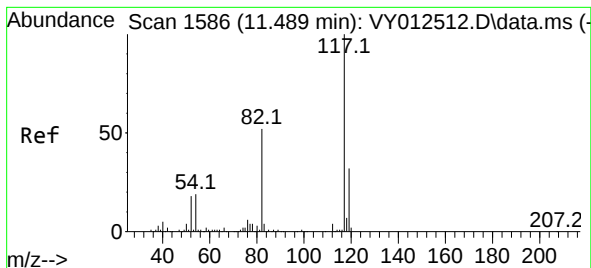
Tgt Ion:107 Resp: 60897
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 52.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 95 Resp: 111908
Ion Ratio Lower Upper
95 100
174 92.6 0.0 188.0
176 91.6 0.0 183.6

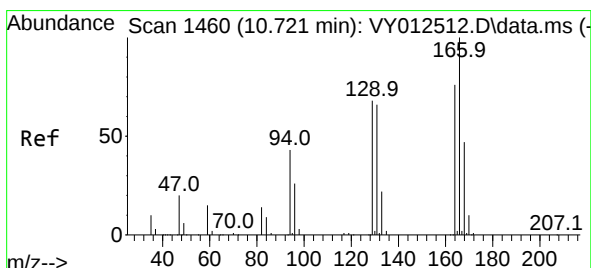
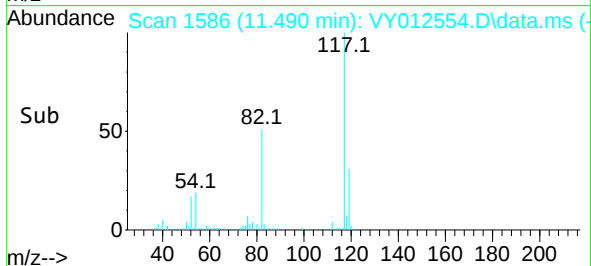
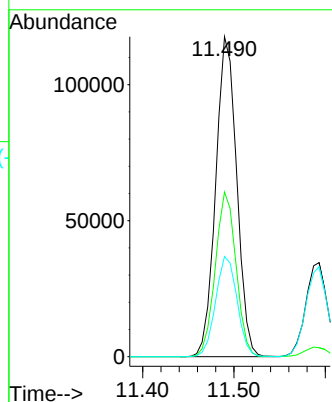
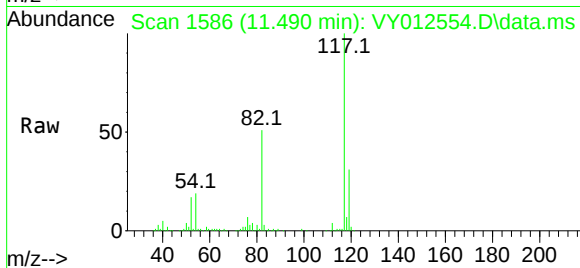




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

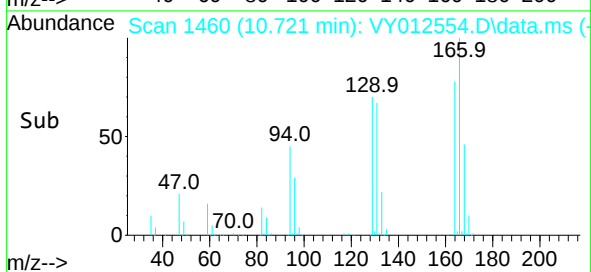
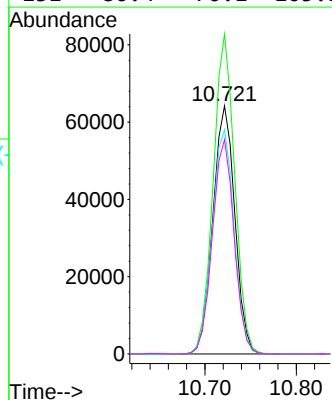
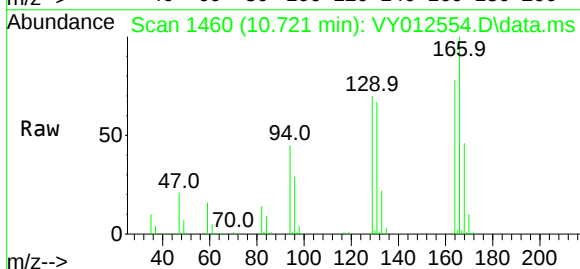
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

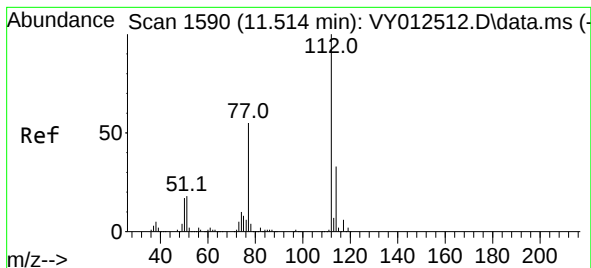
Tgt Ion:117 Resp: 188007
Ion Ratio Lower Upper
117 100
82 51.4 41.7 62.5
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 54.511 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion:164 Resp: 106993
Ion Ratio Lower Upper
164 100
166 128.9 105.7 158.5
129 90.3 71.8 107.6
131 86.4 70.1 105.1





#65

Chlorobenzene

Concen: 50.704 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

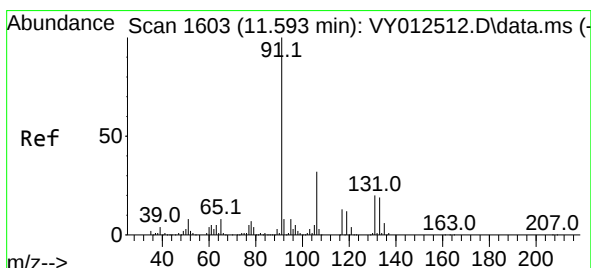
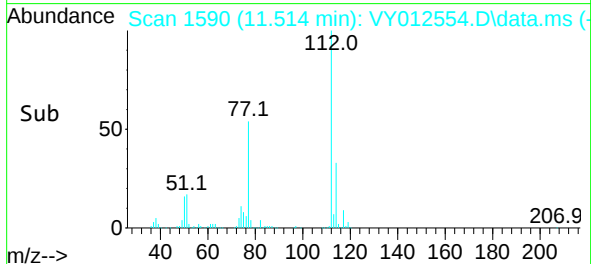
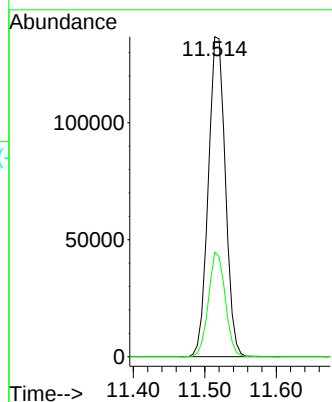
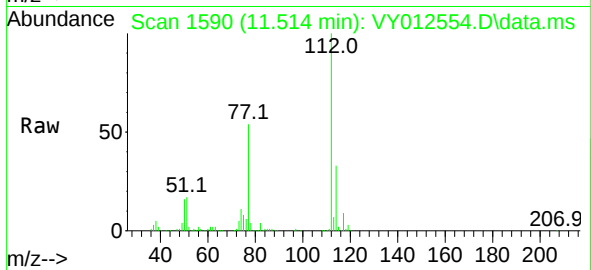
VSTDCCC050

Tgt Ion:112 Resp: 226100

Ion Ratio Lower Upper

112 100

114 32.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.739 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

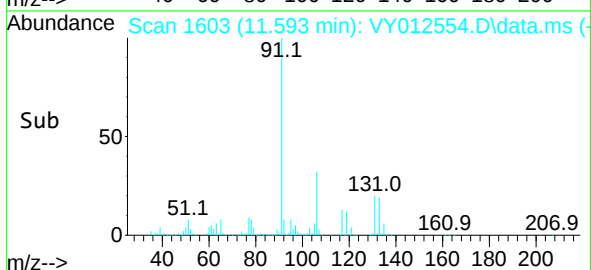
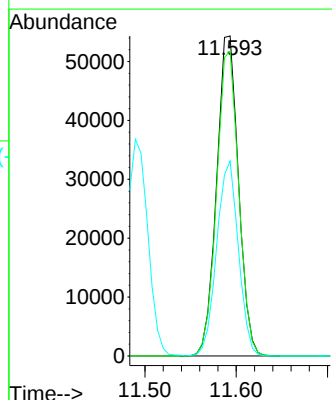
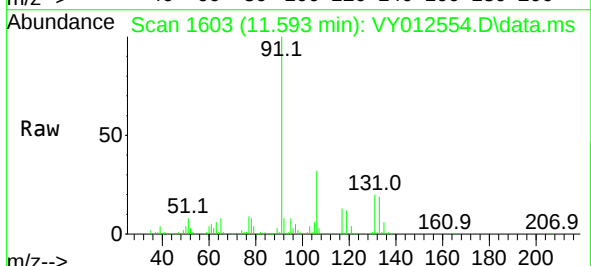
Tgt Ion:131 Resp: 90410

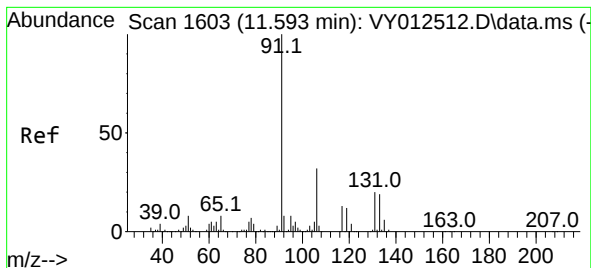
Ion Ratio Lower Upper

131 100

133 96.1 48.5 145.5

119 60.5 30.7 92.1





#67

Ethyl Benzene

Concen: 51.463 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

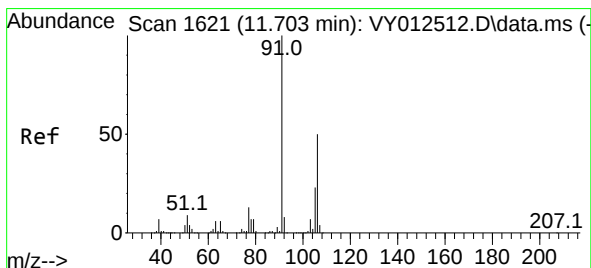
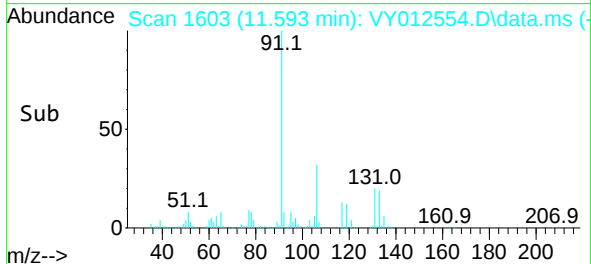
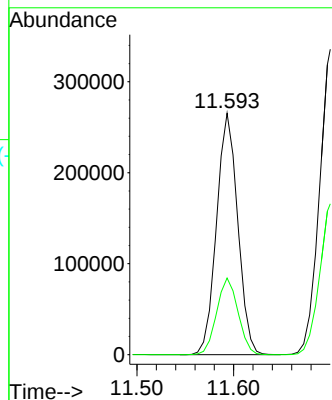
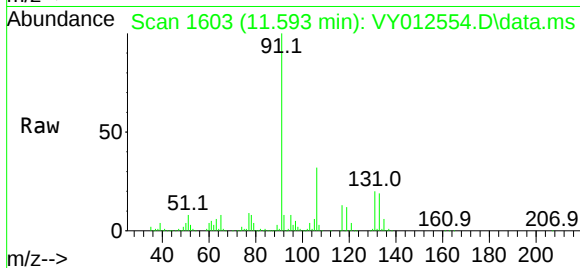
VSTDCCC050

Tgt Ion: 91 Resp: 402877

Ion Ratio Lower Upper

91 100

106 31.8 25.6 38.4



#68

m/p-Xylenes

Concen: 102.302 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012554.D

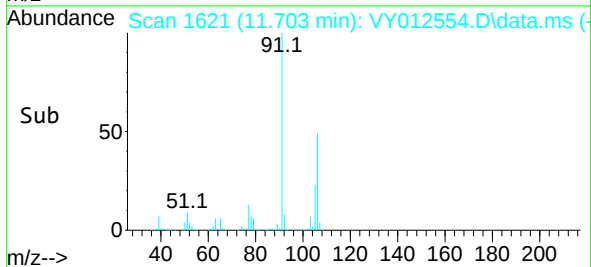
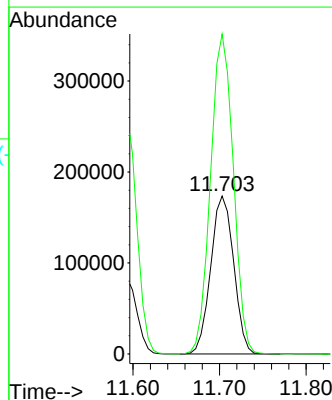
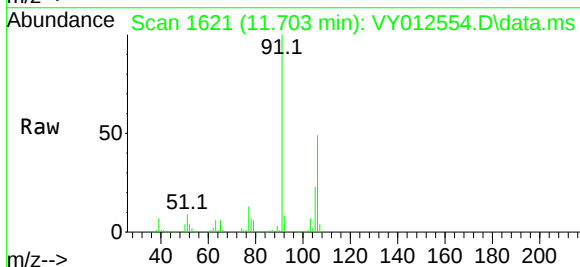
Acq: 09 Feb 2023 09:40

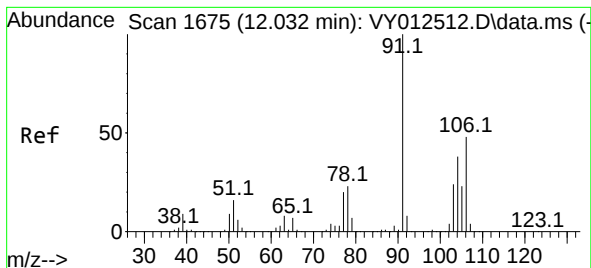
Tgt Ion: 106 Resp: 319676

Ion Ratio Lower Upper

106 100

91 200.8 160.3 240.5

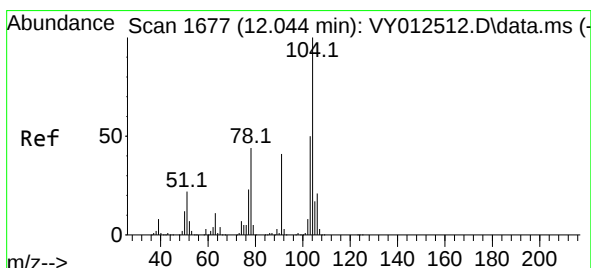
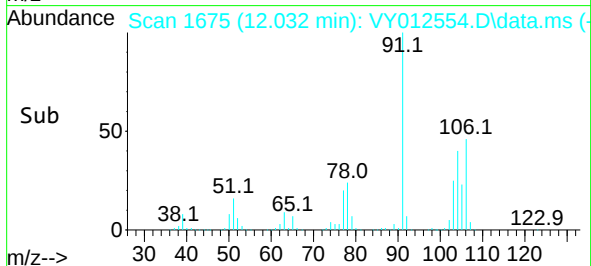
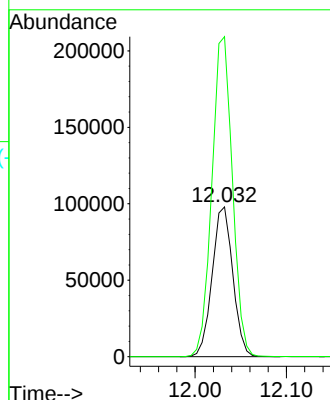
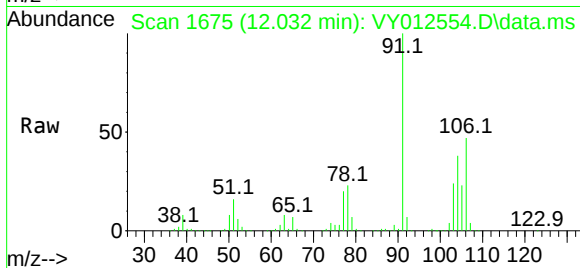




#69
o-Xylene
Concen: 51.596 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

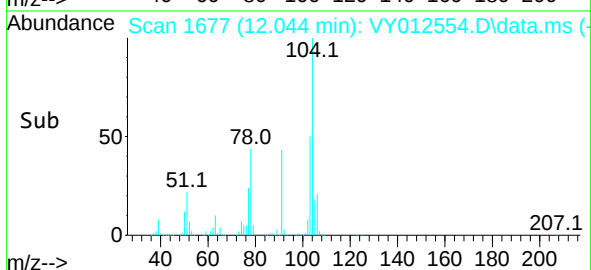
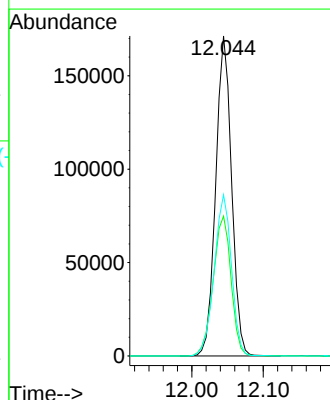
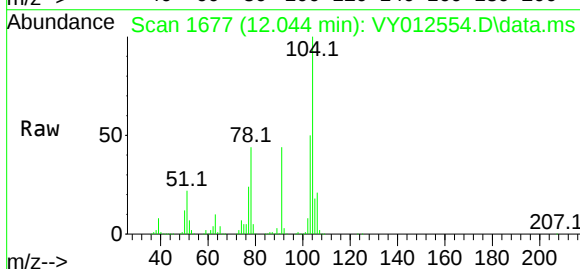
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

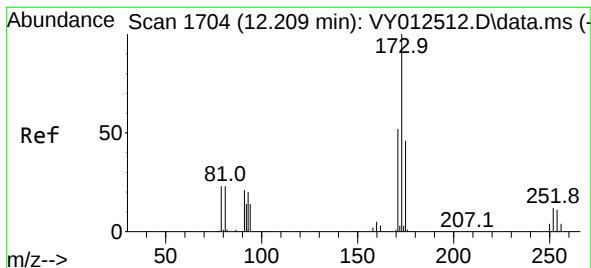
Tgt Ion:106 Resp: 153545
Ion Ratio Lower Upper
106 100
91 212.6 104.2 312.5



#70
Styrene
Concen: 52.325 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion:104 Resp: 264084
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 54.8 43.8 65.8





#71

Bromoform

Concen: 54.639 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

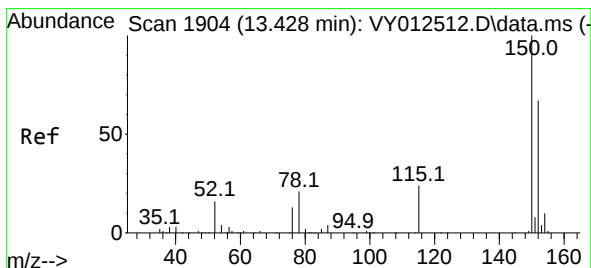
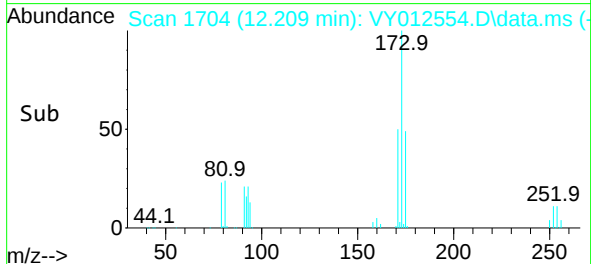
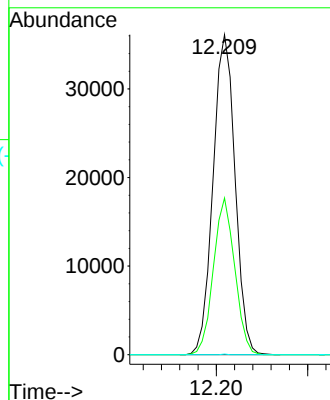
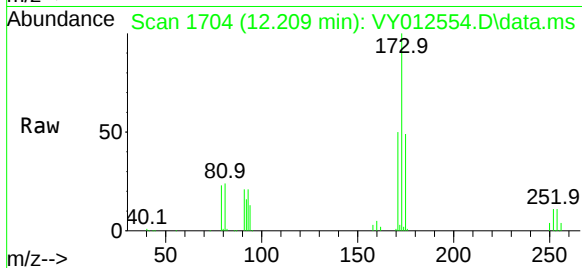
Tgt Ion:173 Resp: 60350

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

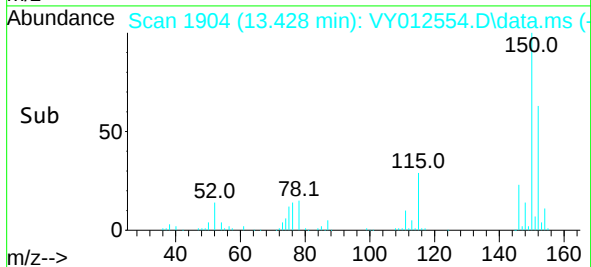
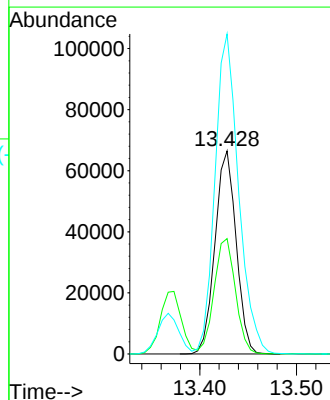
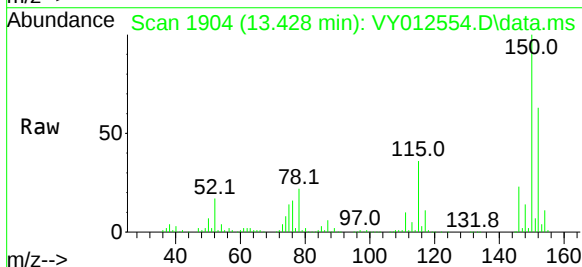
Tgt Ion:152 Resp: 101006

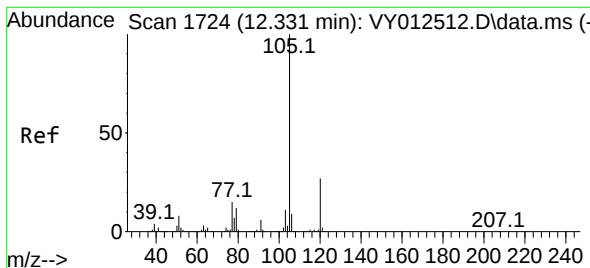
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

150 175.9 0.0 351.0





#73

Isopropylbenzene

Concen: 51.754 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

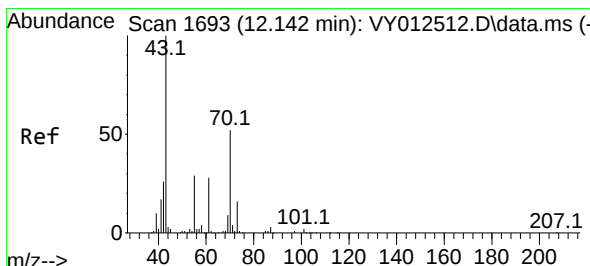
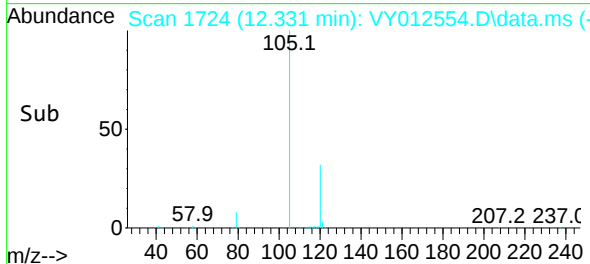
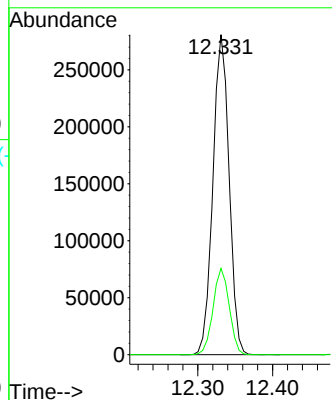
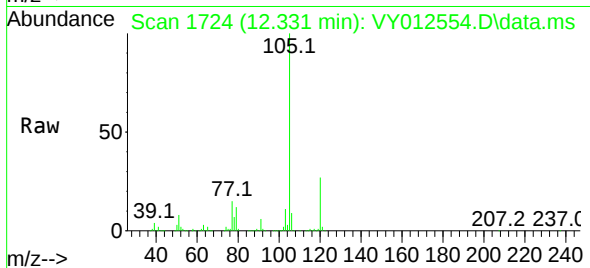
VSTDCCC050

Tgt Ion:105 Resp: 422932

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 53.827 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Tgt Ion: 43 Resp: 79626

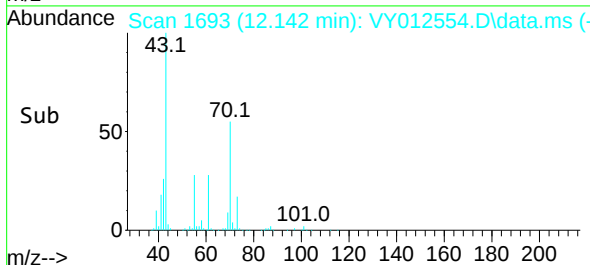
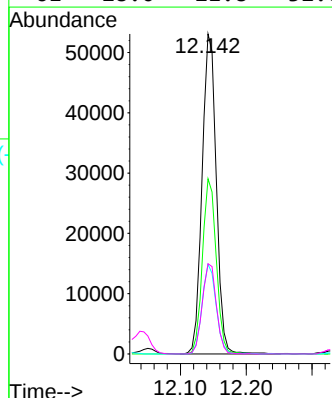
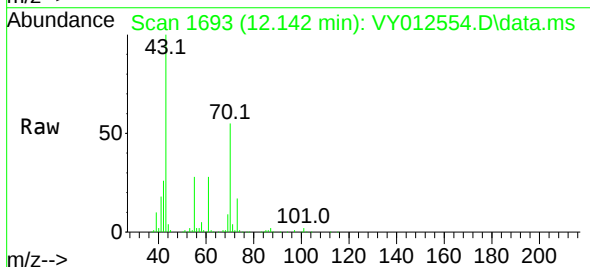
Ion Ratio Lower Upper

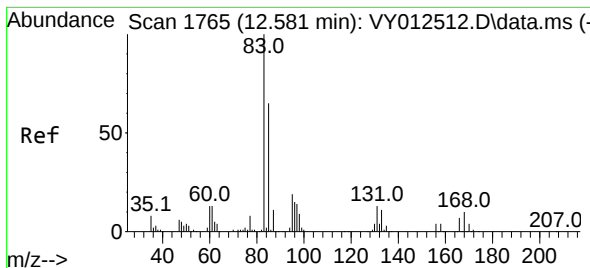
43 100

70 53.2 41.0 61.6

55 27.6 22.9 34.3

61 28.0 21.8 32.6

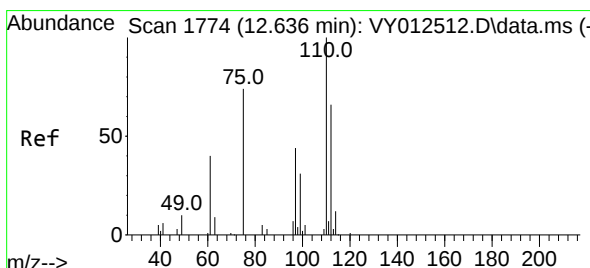
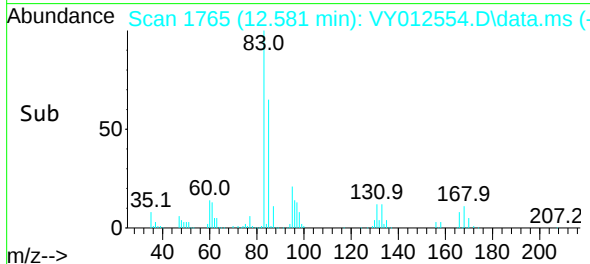
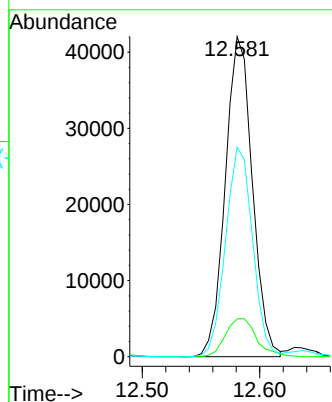
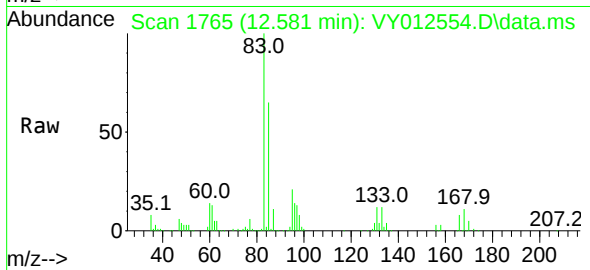




#75
1,1,2,2-Tetrachloroethane
Concen: 50.978 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

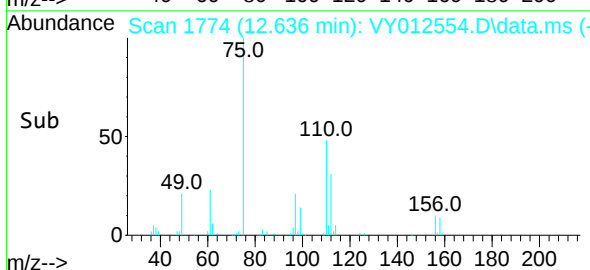
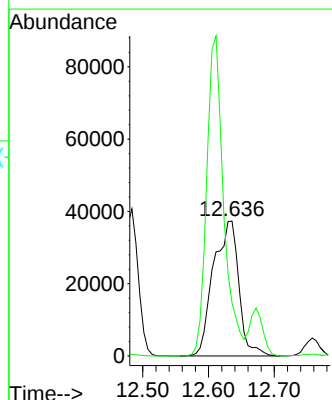
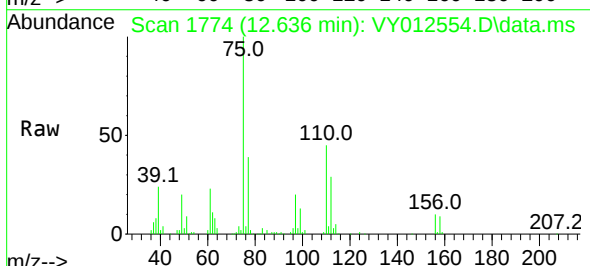
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

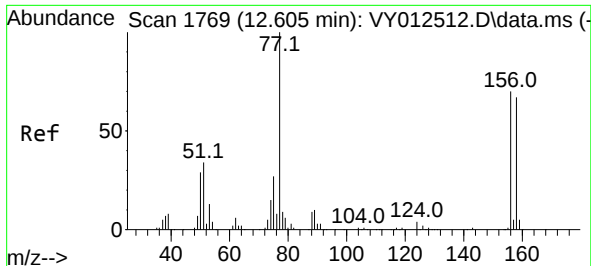
Tgt Ion: 83 Resp: 67361
Ion Ratio Lower Upper
83 100
131 13.6 6.5 19.4
85 65.4 33.0 99.0



#76
1,2,3-Trichloropropane
Concen: 88.914 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 75 Resp: 100337
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

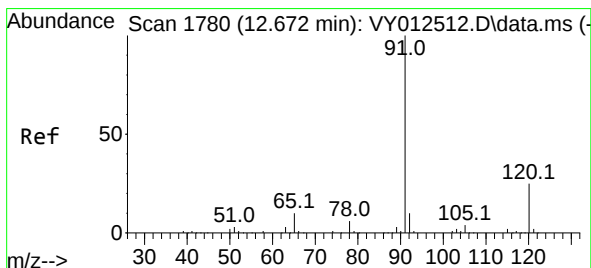
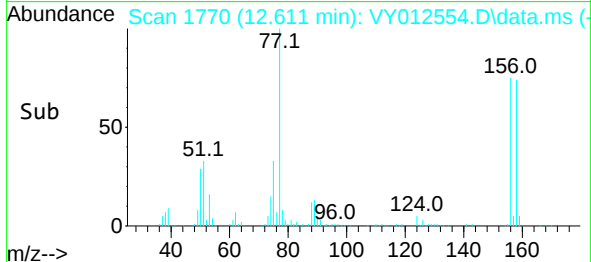
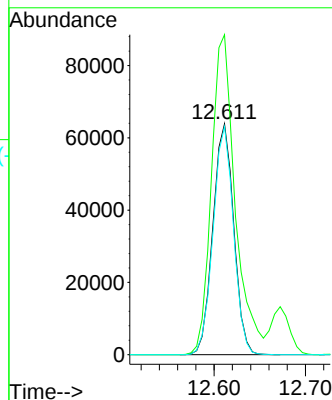
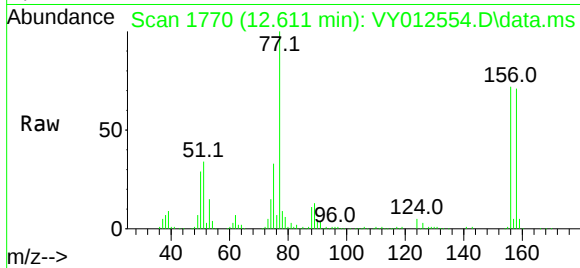




#77
Bromobenzene
Concen: 51.060 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

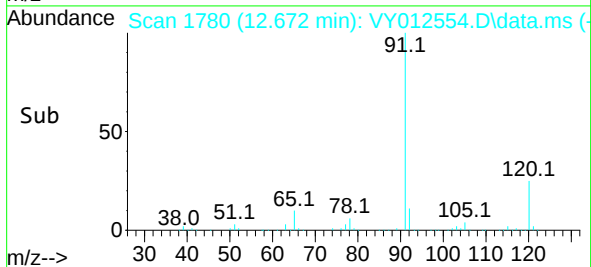
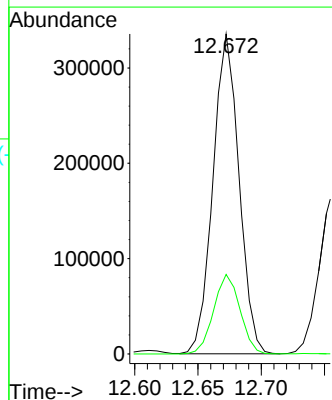
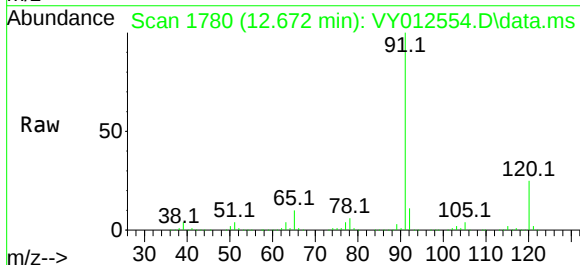
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

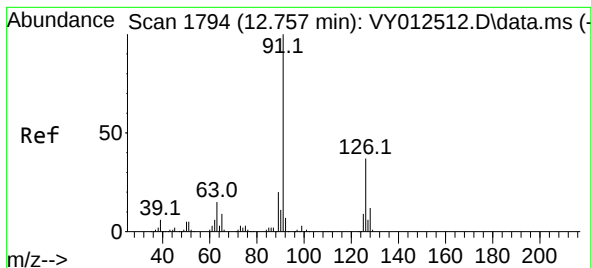
Tgt Ion:156 Resp: 101134
Ion Ratio Lower Upper
156 100
77 158.1 80.6 241.8
158 96.8 49.1 147.3



#78
n-propylbenzene
Concen: 51.043 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 91 Resp: 480108
Ion Ratio Lower Upper
91 100
120 25.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 51.192 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

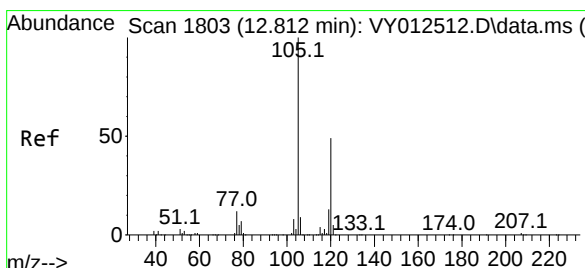
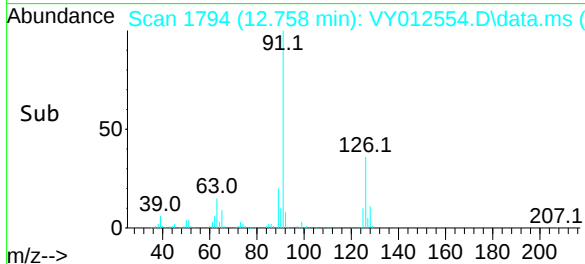
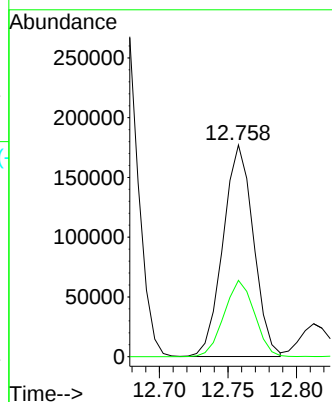
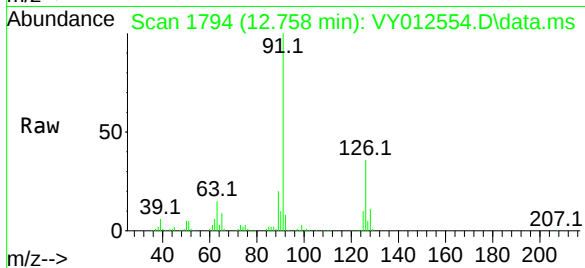
VSTDCCC050

Tgt Ion: 91 Resp: 273344

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 51.751 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012554.D

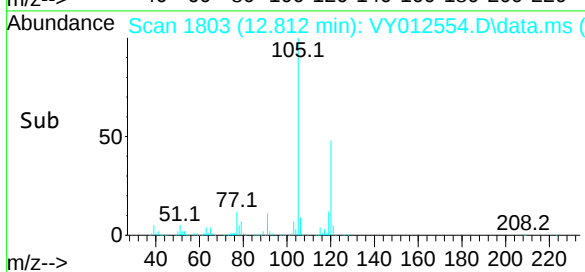
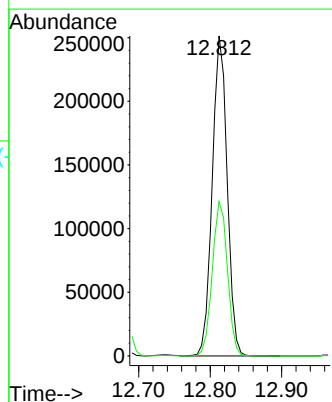
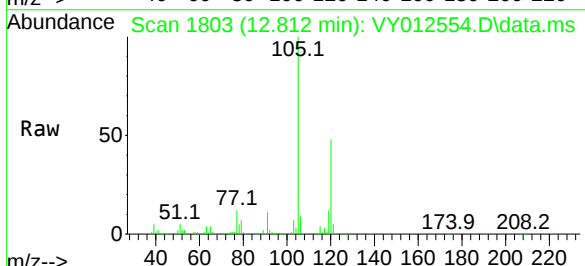
Acq: 09 Feb 2023 09:40

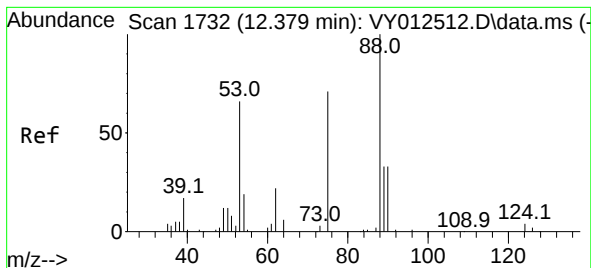
Tgt Ion: 105 Resp: 364060

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0

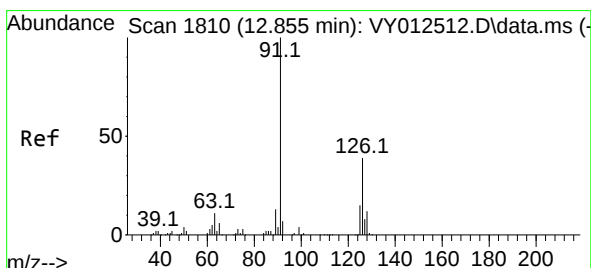
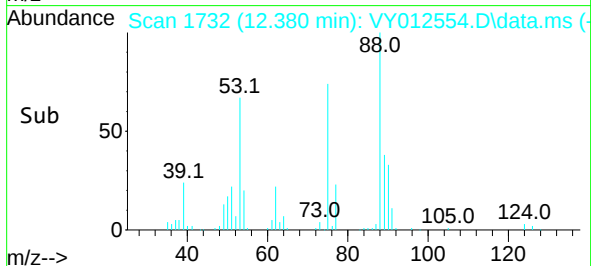
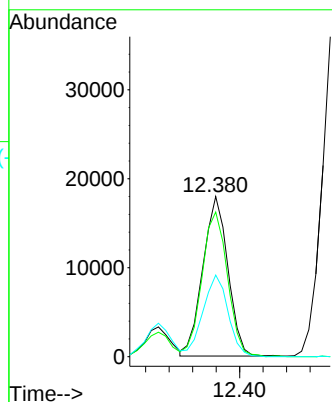
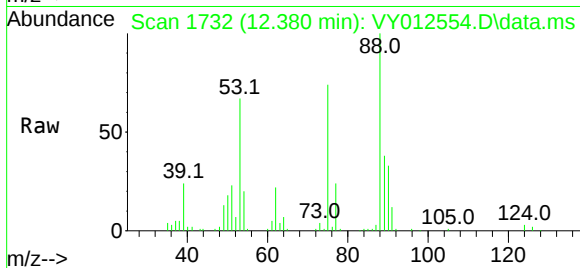




#81
trans-1,4-Dichloro-2-butene
Concen: 53.167 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

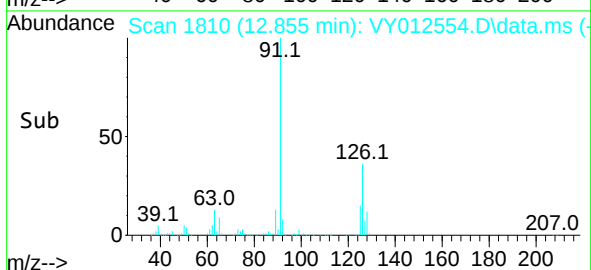
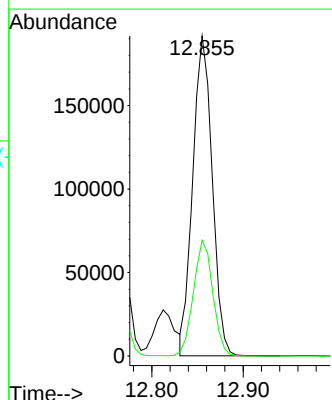
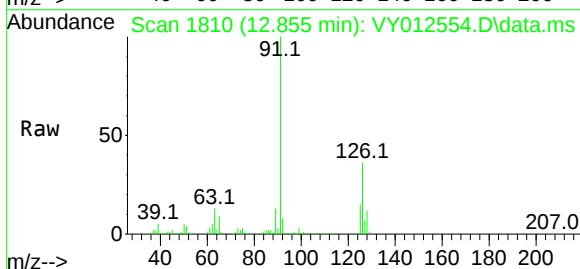
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

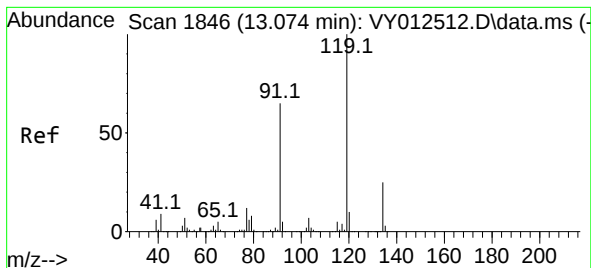
Tgt Ion: 75 Resp: 26606
Ion Ratio Lower Upper
75 100
53 92.7 73.1 109.7
89 51.6 39.9 59.9



#82
4-Chlorotoluene
Concen: 50.498 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 91 Resp: 282852
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3





#83

tert-Butylbenzene

Concen: 52.565 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

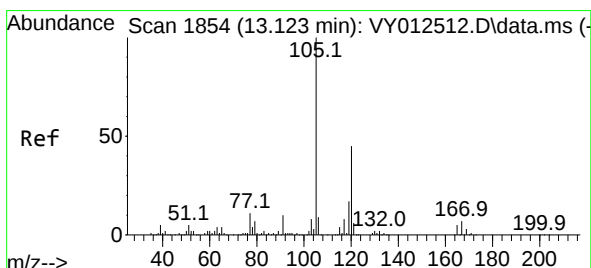
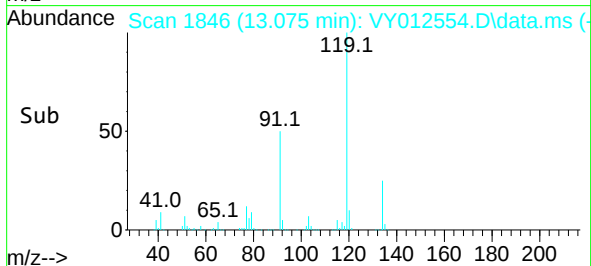
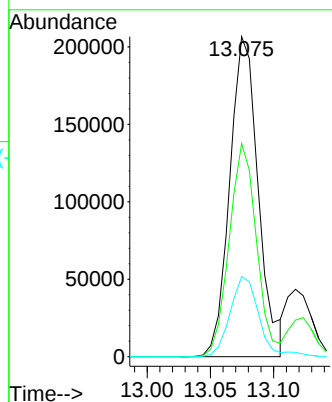
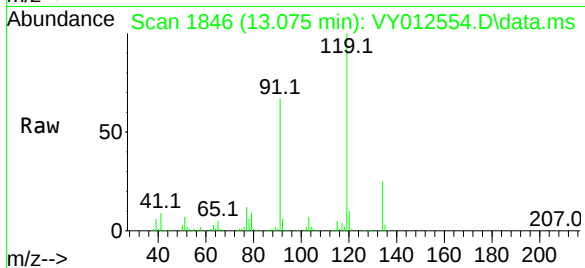
Tgt Ion:119 Resp: 324270

Ion Ratio Lower Upper

119 100

91 63.9 33.0 99.0

134 25.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.888 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012554.D

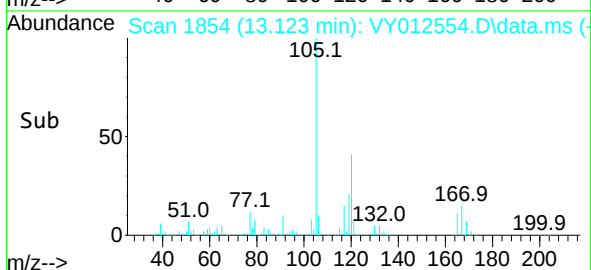
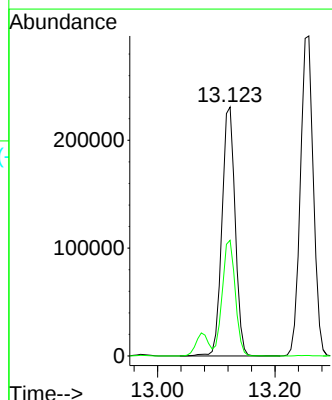
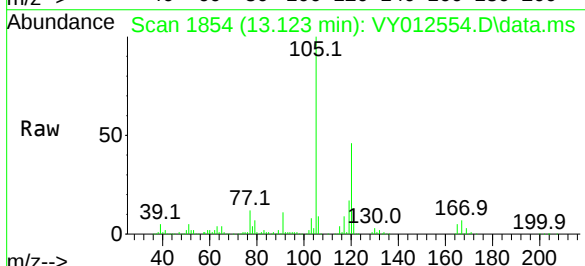
Acq: 09 Feb 2023 09:40

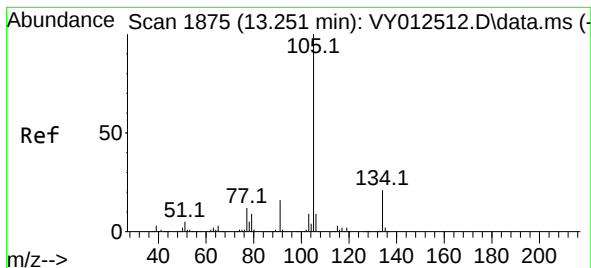
Tgt Ion:105 Resp: 359168

Ion Ratio Lower Upper

105 100

120 46.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 51.520 ug/l

RT: 13.258 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

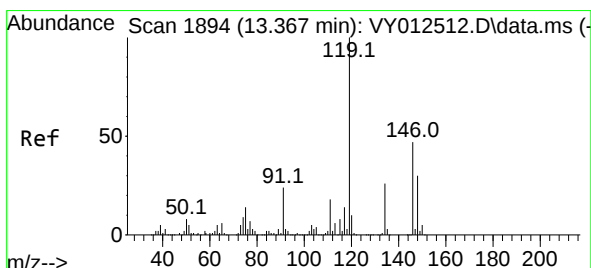
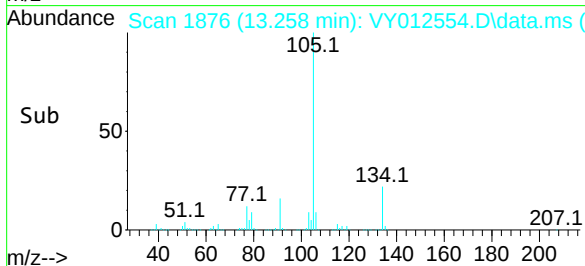
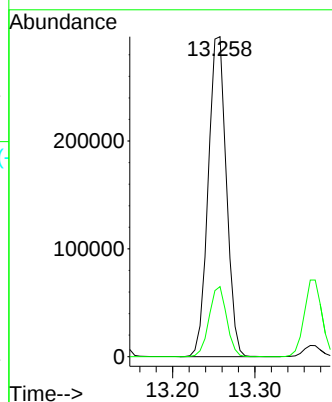
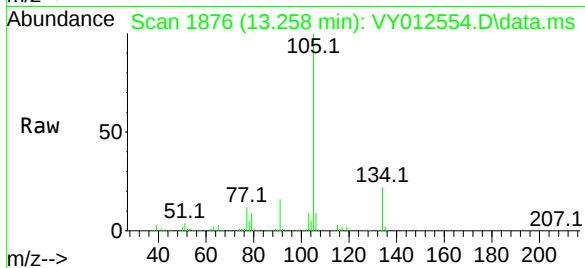
VSTDCCC050

Tgt Ion:105 Resp: 454679

Ion Ratio Lower Upper

105 100

134 21.2 10.8 32.3



#86

p-Isopropyltoluene

Concen: 51.622 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

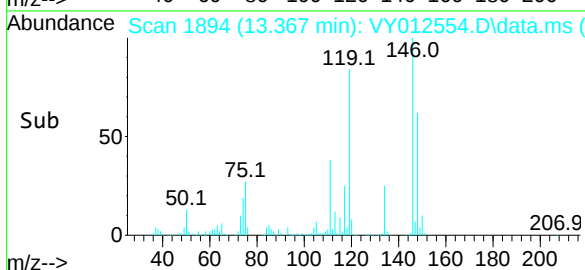
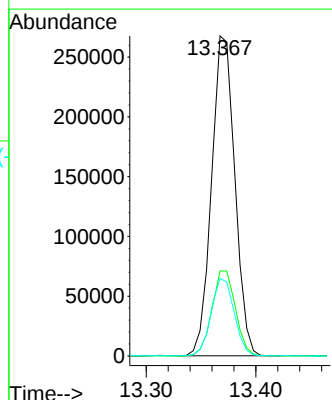
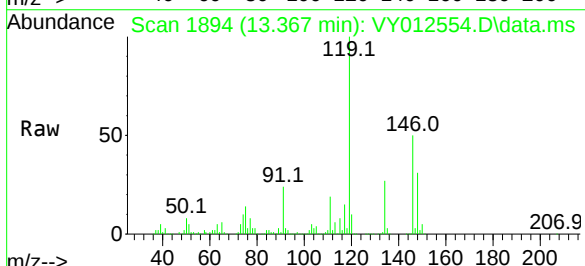
Tgt Ion:119 Resp: 395232

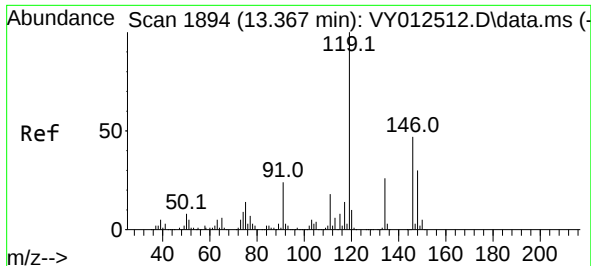
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.947 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

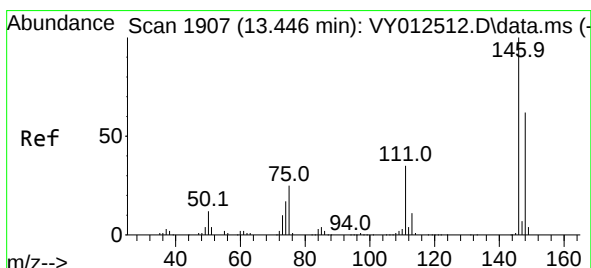
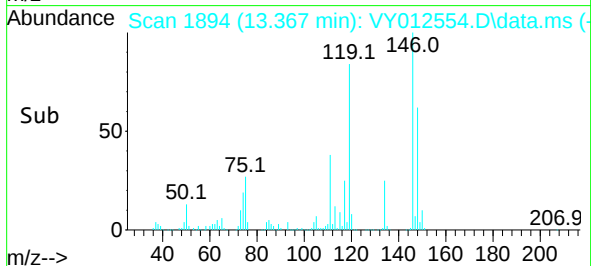
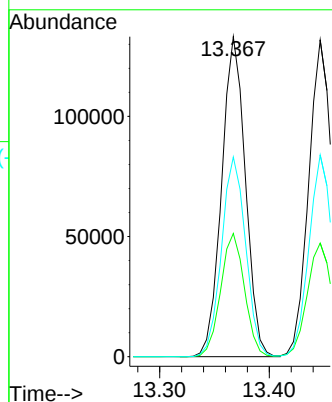
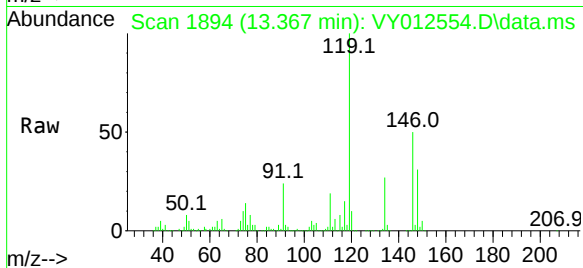
Tgt Ion:146 Resp: 200781

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.535 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

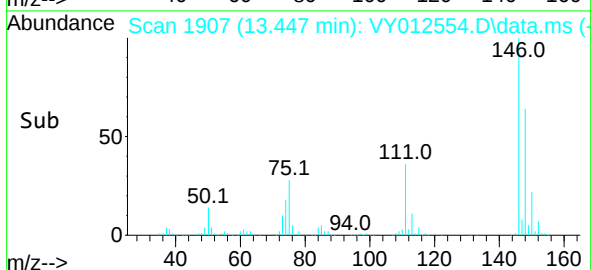
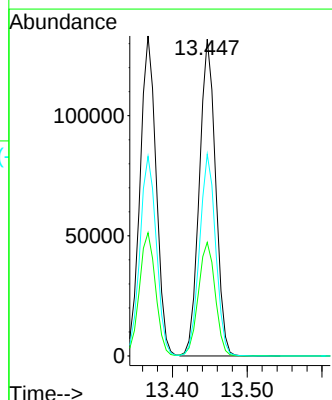
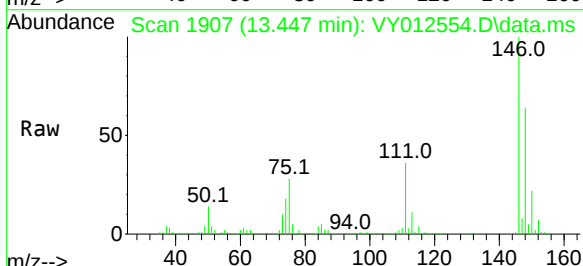
Tgt Ion:146 Resp: 199493

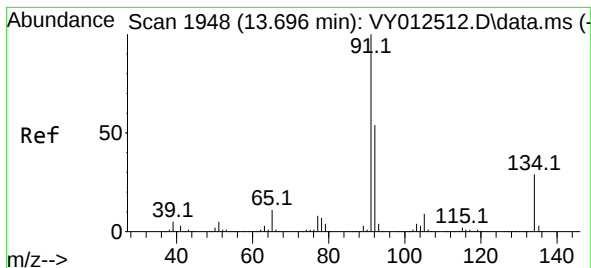
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.2

148 63.2 31.6 95.0





#89

n-Butylbenzene

Concen: 51.580 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

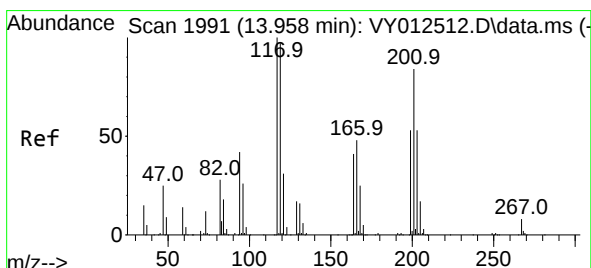
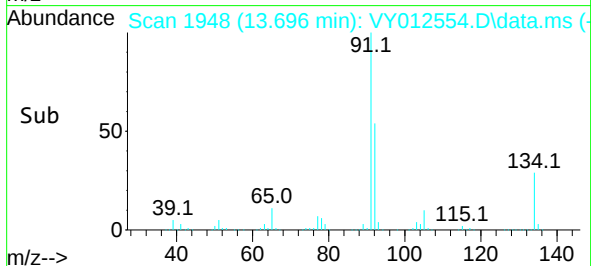
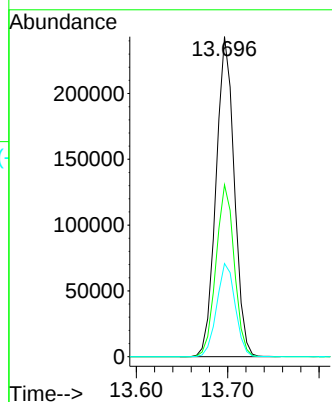
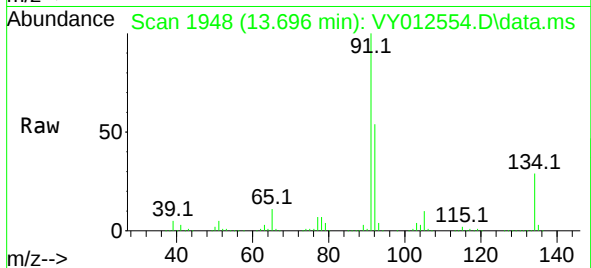
Tgt Ion: 91 Resp: 337507

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 29.6 14.5 43.5



#90

Hexachloroethane

Concen: 50.648 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012554.D

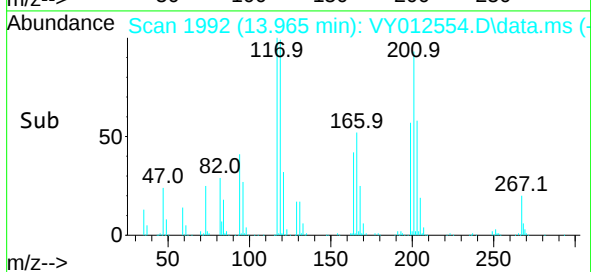
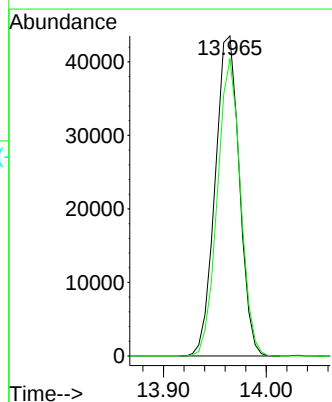
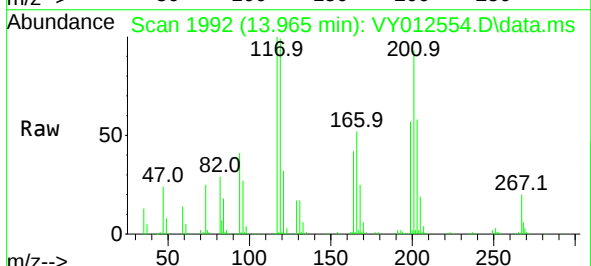
Acq: 09 Feb 2023 09:40

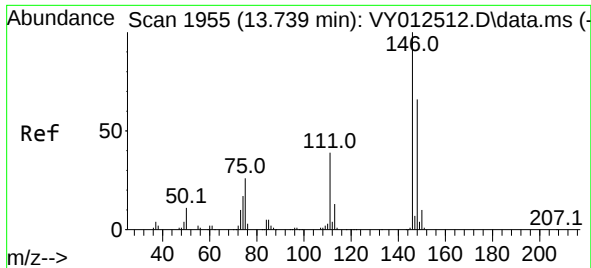
Tgt Ion: 117 Resp: 71175

Ion Ratio Lower Upper

117 100

201 88.4 43.9 131.7

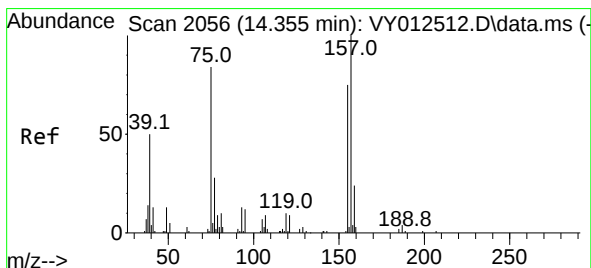
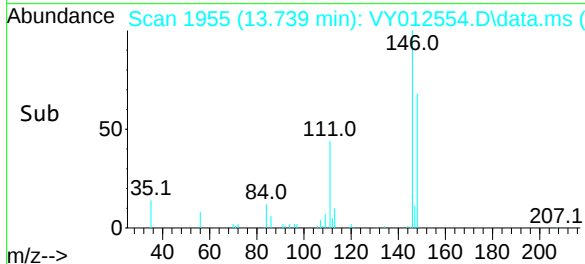
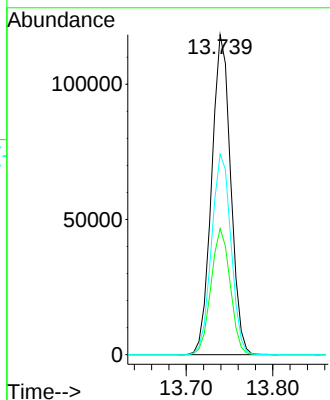
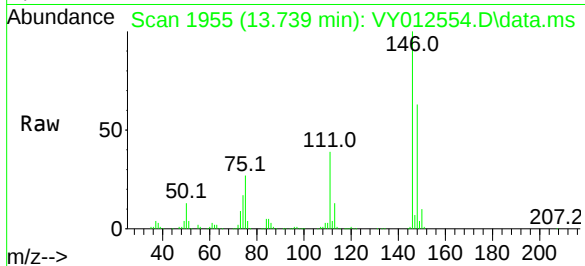




#91
1,2-Dichlorobenzene
Concen: 51.036 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

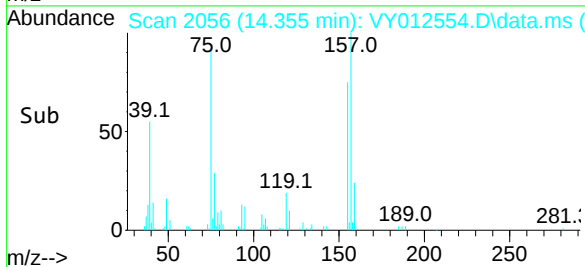
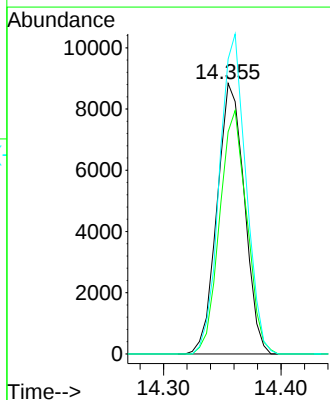
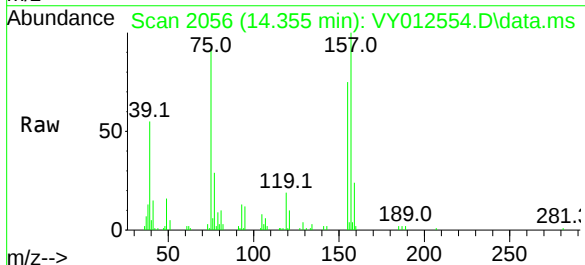
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

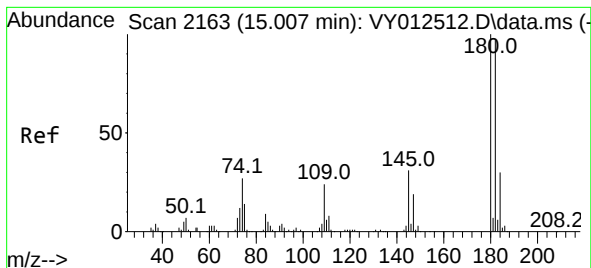
Tgt Ion:146 Resp: 180938
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 64.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.234 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012554.D
Acq: 09 Feb 2023 09:40

Tgt Ion: 75 Resp: 14261
Ion Ratio Lower Upper
75 100
155 89.1 46.5 139.3
157 114.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.171 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

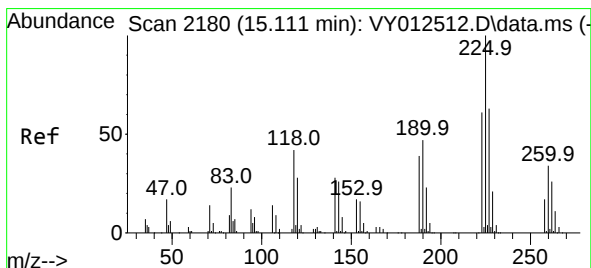
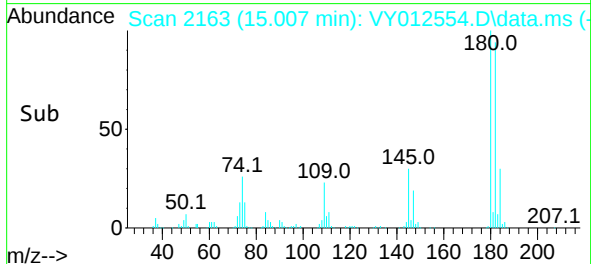
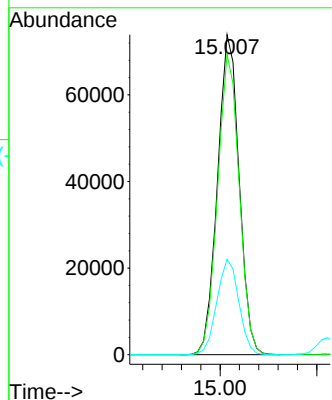
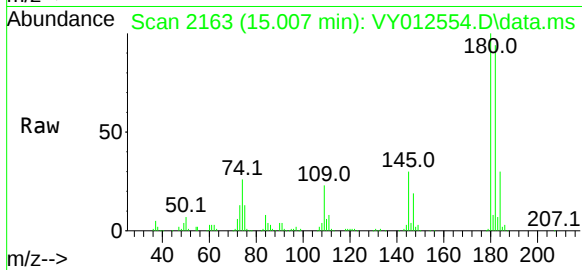
Tgt Ion:180 Resp: 114604

Ion Ratio Lower Upper

180 100

182 93.8 47.7 143.1

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.889 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

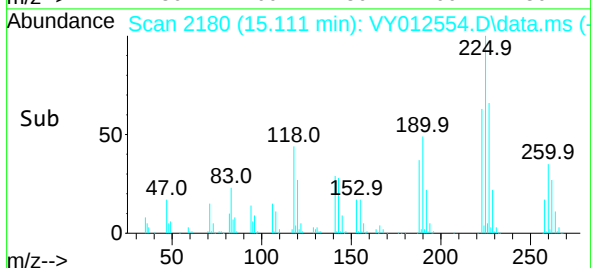
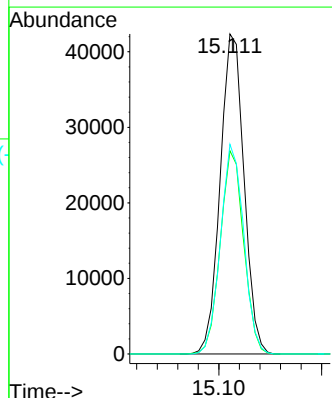
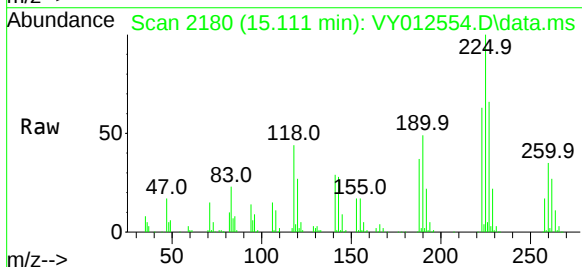
Tgt Ion:225 Resp: 68081

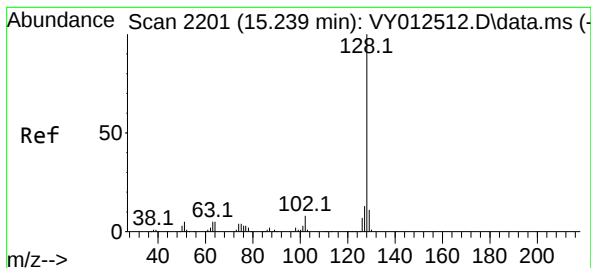
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.3

227 63.9 31.9 95.5





#95

Naphthalene

Concen: 54.896 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

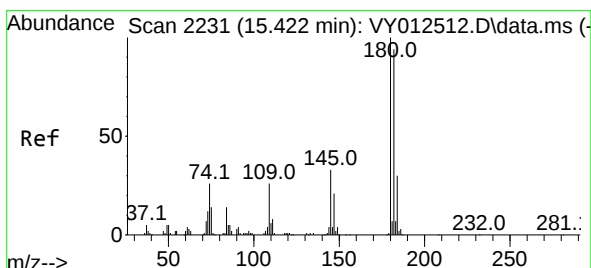
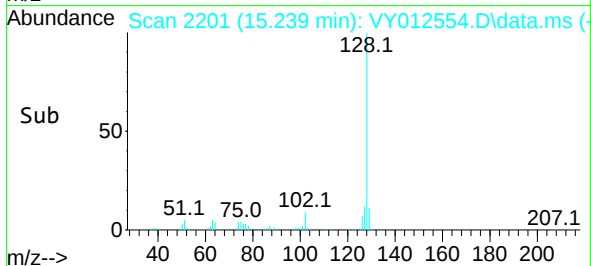
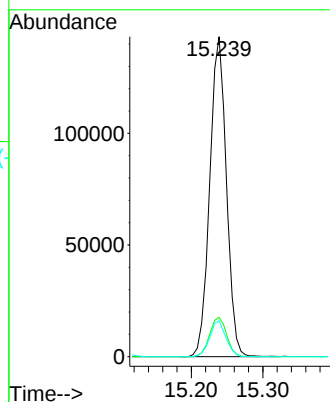
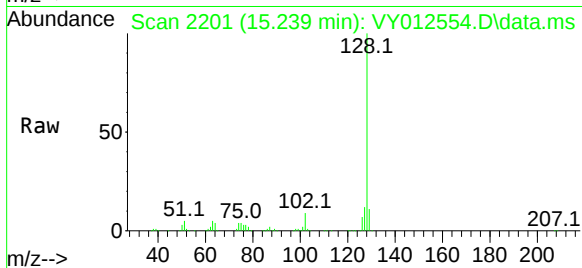
Tgt Ion:128 Resp: 231497

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.568 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012554.D

Acq: 09 Feb 2023 09:40

Tgt Ion:180 Resp: 99957

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 32.1 16.2 48.6

