

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012673.D
 Acq On : 21 Feb 2023 14:21
 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 22 01:27:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95643	46.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.716	113	90039	48.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.179	98	346316	49.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.483	95	108719	48.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91765	50.889	ug/l	99
3) Chloromethane	2.113	50	128431	60.514	ug/l	100
4) Vinyl Chloride	2.253	62	115167	57.802	ug/l	100
5) Bromomethane	2.656	94	60925	55.834	ug/l	100
6) Chloroethane	2.796	64	70002	55.192	ug/l	94
7) Trichlorofluoromethane	3.131	101	155698	48.478	ug/l	95
8) Diethyl Ether	3.527	74	58511	50.885	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	94720	49.351	ug/l	99
10) Methyl Iodide	4.094	142	125150	49.799	ug/l	98
11) Tert butyl alcohol	4.960	59	43828	193.418	ug/l	99
12) 1,1-Dichloroethene	3.875	96	93410	50.413	ug/l	96
13) Acrolein	3.729	56	69996	244.484	ug/l	98
14) Allyl chloride	4.478	41	167937	46.700	ug/l	95
15) Acrylonitrile	5.161	53	153061	250.204	ug/l	100
16) Acetone	3.948	43	172060	254.549	ug/l	93
17) Carbon Disulfide	4.198	76	318333	51.053	ug/l	99
18) Methyl Acetate	4.478	43	102581	47.111	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	255637	51.291	ug/l	99
20) Methylene Chloride	4.722	84	109480	52.152	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	102653	50.932	ug/l	93
22) Diisopropyl ether	6.118	45	329840	49.153	ug/l	98
23) Vinyl Acetate	6.057	43	1021893	245.880	ug/l	98
24) 1,1-Dichloroethane	6.021	63	185174	49.765	ug/l	98
25) 2-Butanone	6.984	43	224240	249.953	ug/l	97
26) 2,2-Dichloropropane	6.984	77	156924	48.346	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	113311	51.383	ug/l	95
28) Bromochloromethane	7.332	49	73327	49.213	ug/l	96
29) Tetrahydrofuran	7.350	42	138312	252.526	ug/l	97
30) Chloroform	7.508	83	176280	48.893	ug/l	94
31) Cyclohexane	7.789	56	171122	47.549	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	159058	48.733	ug/l	99
36) 1,1-Dichloropropene	7.917	75	145888	49.402	ug/l	99
37) Ethyl Acetate	7.075	43	95316	47.834	ug/l	99
38) Carbon Tetrachloride	7.899	117	146611	48.014	ug/l	98
39) Methylcyclohexane	9.185	83	177518	52.111	ug/l	97
40) Benzene	8.161	78	411434	49.912	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	123219	126.964	ug/l	# 100
42) 1,2-Dichloroethane	8.240	62	118279	46.273	ug/l	99
43) Isopropyl Acetate	8.270	43	164175	47.678	ug/l	97
44) Trichloroethene	8.941	130	104941	49.240	ug/l	98
45) 1,2-Dichloropropane	9.215	63	105202	49.615	ug/l	96
46) Dibromomethane	9.307	93	57450	49.083	ug/l	99
47) Bromodichloromethane	9.496	83	137043	48.635	ug/l	99
48) Methyl methacrylate	9.295	41	77998	48.542	ug/l	95
49) 1,4-Dioxane	9.301	88	13910	780.454	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	454951	244.932	ug/l	97
52) Toluene	10.246	92	249198	51.022	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147159	49.978	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	166688	50.028	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	79118	49.766	ug/l	93
56) Ethyl methacrylate	10.508	69	114745	52.850	ug/l	92
57) 1,3-Dichloropropane	10.788	76	140520	50.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	286989	249.875	ug/l	100
59) 2-Hexanone	10.831	43	336039	255.198	ug/l	94
60) Dibromochloromethane	10.983	129	94876	49.258	ug/l	98
61) 1,2-Dibromoethane	11.087	107	75858	49.804	ug/l	99
64) Tetrachloroethene	10.721	164	86378	48.851	ug/l	94
65) Chlorobenzene	11.520	112	256604	49.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95227	49.287	ug/l	99
67) Ethyl Benzene	11.593	91	477605	51.250	ug/l	99
68) m/p-Xylenes	11.703	106	367444	103.362	ug/l	98
69) o-Xylene	12.032	106	172154	52.284	ug/l	98
70) Styrene	12.044	104	289432	52.445	ug/l	98
71) Bromoform	12.209	173	60596	49.150	ug/l	# 99
73) Isopropylbenzene	12.331	105	451986	52.501	ug/l	100
74) N-amyl acetate	12.142	43	139250	49.204	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	97705	50.475	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	126135	86.849	ug/l	# 100
77) Bromobenzene	12.611	156	104164	50.495	ug/l	98
78) n-propylbenzene	12.672	91	556074	51.639	ug/l	99
79) 2-Chlorotoluene	12.757	91	299775	50.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	372214	51.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	36715	53.555	ug/l	91
82) 4-Chlorotoluene	12.855	91	309270	49.844	ug/l	99
83) tert-Butylbenzene	13.074	119	317628	51.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	367231	52.237	ug/l	100
85) sec-Butylbenzene	13.257	105	486297	52.048	ug/l	99
86) p-Isopropyltoluene	13.373	119	405070	52.642	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	201852	49.959	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	201200	49.106	ug/l	100
89) n-Butylbenzene	13.696	91	378820	51.406	ug/l	99
90) Hexachloroethane	13.964	117	75552	48.382	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	183078	50.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15601	49.030	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	112566	49.325	ug/l	98
94) Hexachlorobutadiene	15.111	225	63947	46.428	ug/l	98
95) Naphthalene	15.239	128	247759	53.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	100320	49.663	ug/l	98

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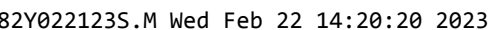
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

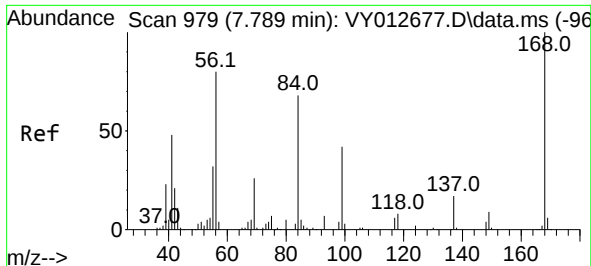
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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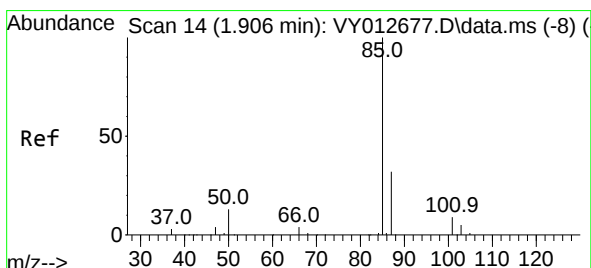
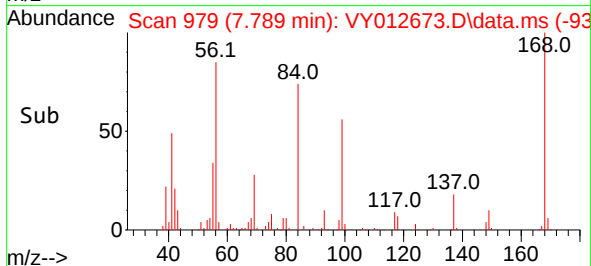
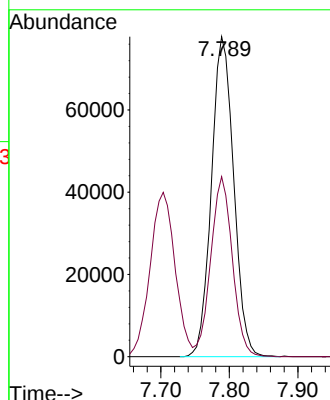
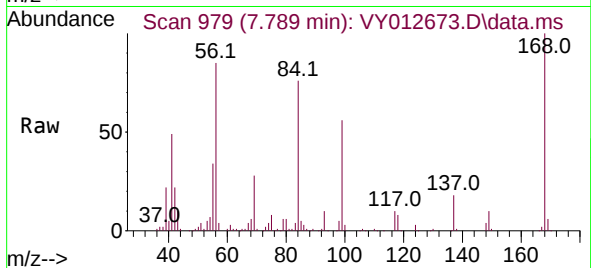




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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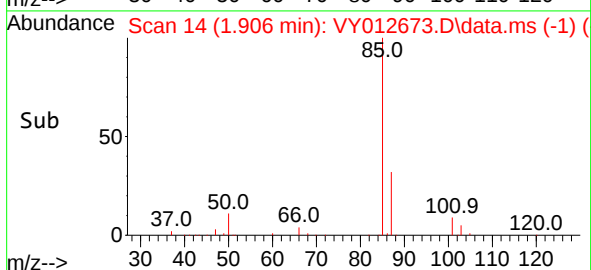
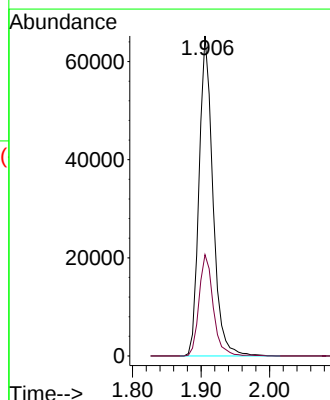
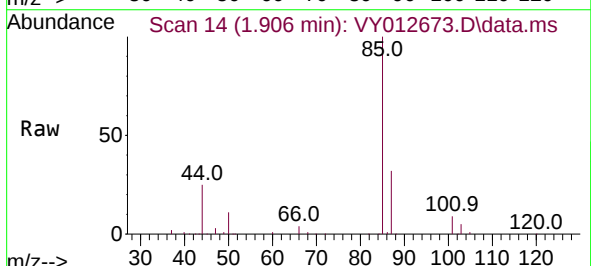
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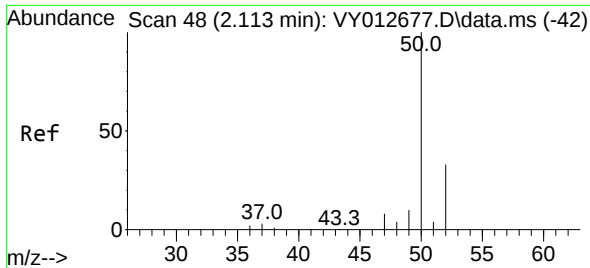
Tgt Ion:168 Resp: 175395
Ion Ratio Lower Upper
168 100
99 56.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 50.889 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 85 Resp: 91765
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

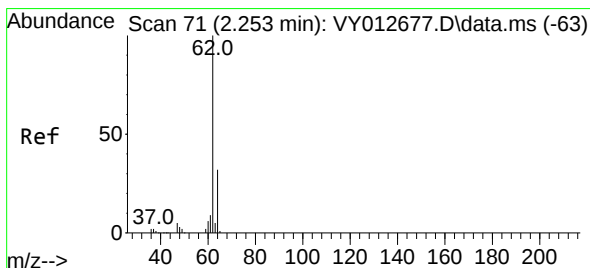
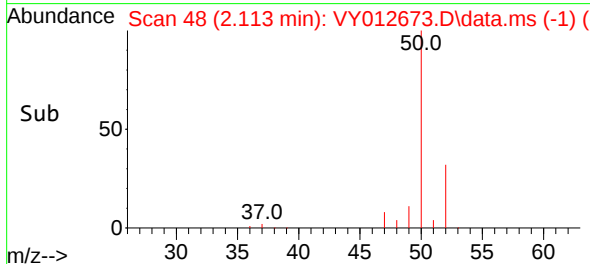
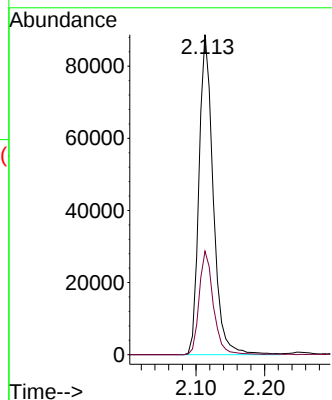
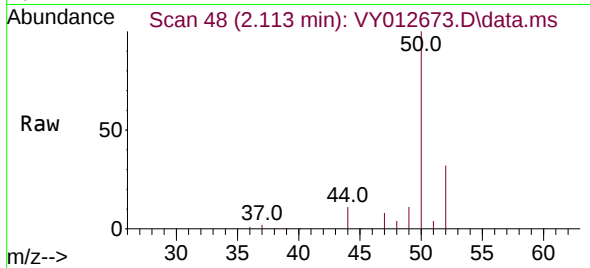




#3
Chloromethane
Concen: 60.514 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012673.D
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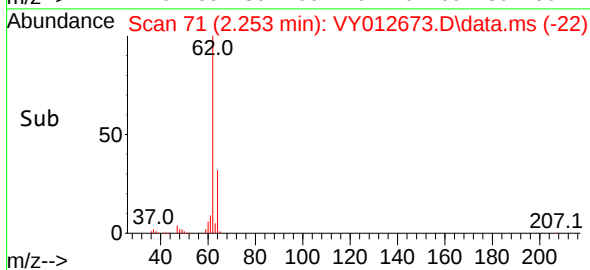
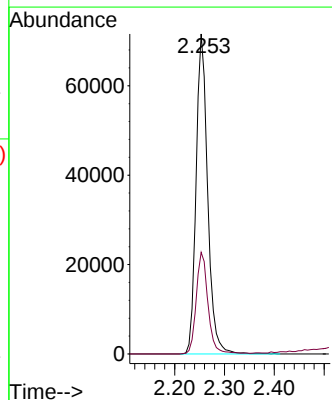
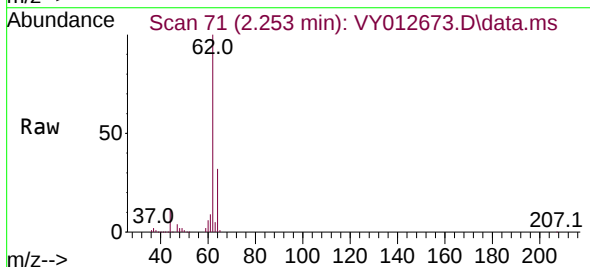
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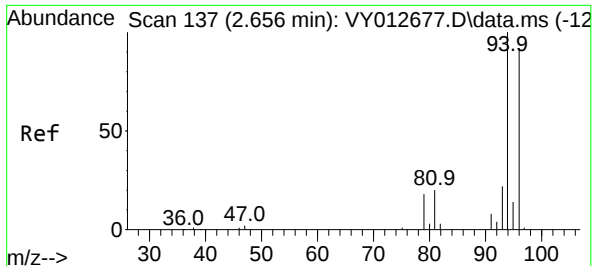
Tgt Ion: 50 Resp: 128431
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 57.802 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 62 Resp: 115167
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2

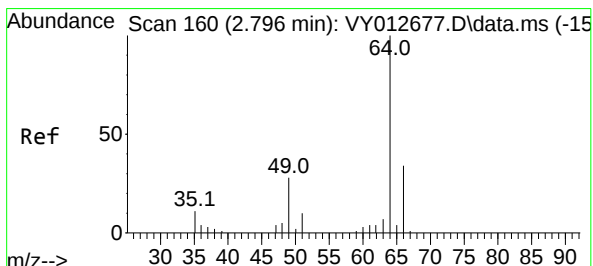
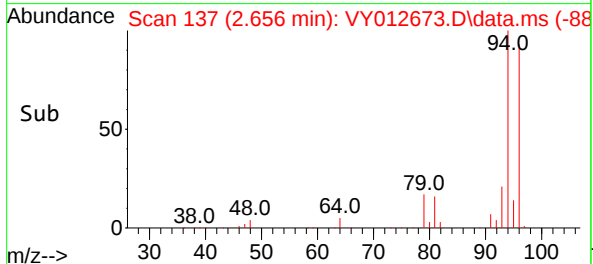
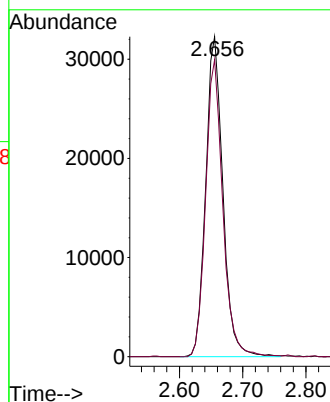
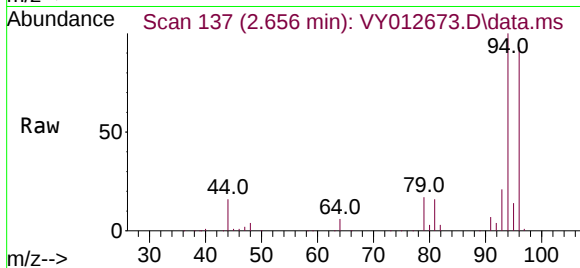




#5
Bromomethane
Concen: 55.834 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012673.D
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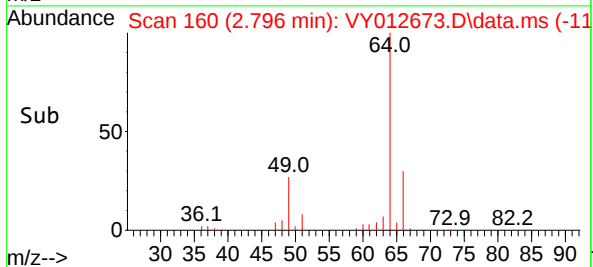
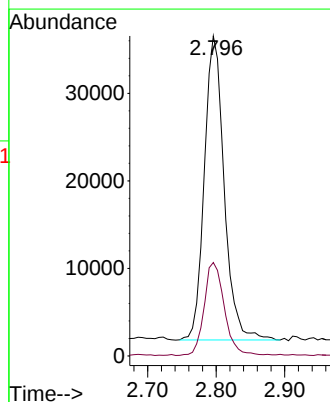
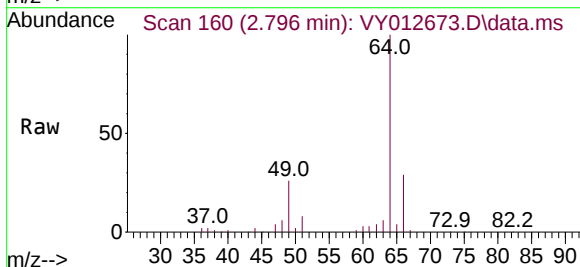
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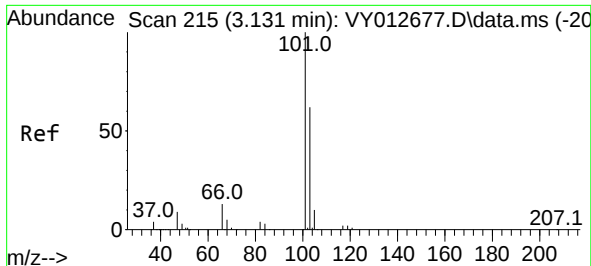
Tgt Ion: 94 Resp: 60925
Ion Ratio Lower Upper
94 100
96 92.8 73.9 110.9



#6
Chloroethane
Concen: 55.192 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012673.D
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Tgt Ion: 64 Resp: 70002
Ion Ratio Lower Upper
64 100
66 30.5 27.1 40.7

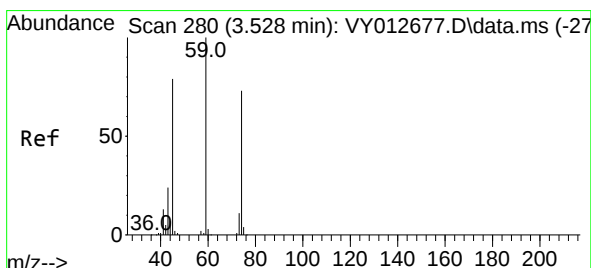
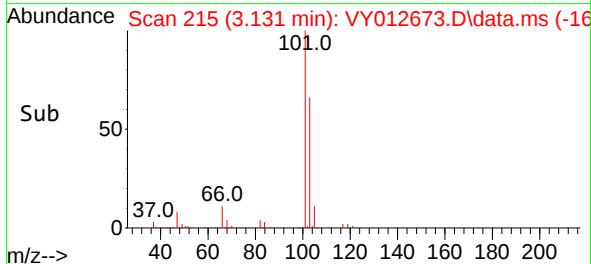
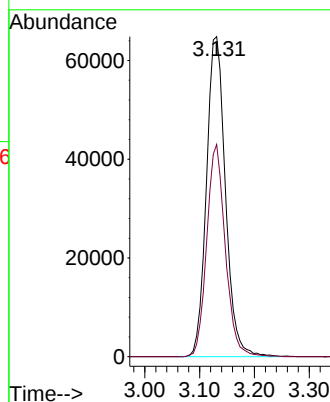
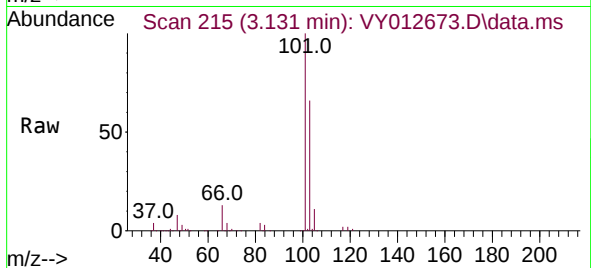




#7
 Trichlorofluoromethane
 Concen: 48.478 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY012673.D
 Acq: 21 Feb 2023 14:21

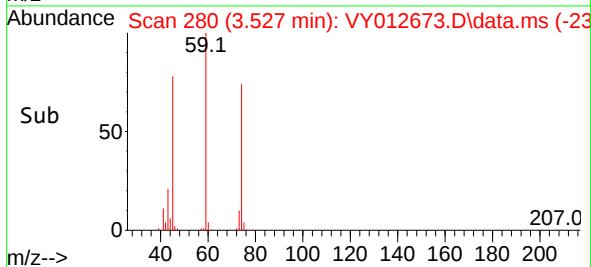
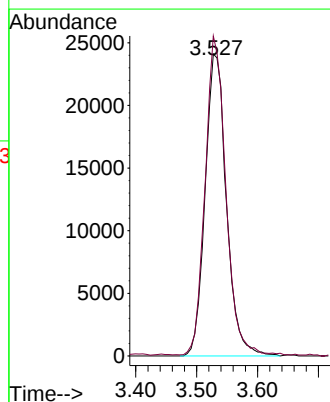
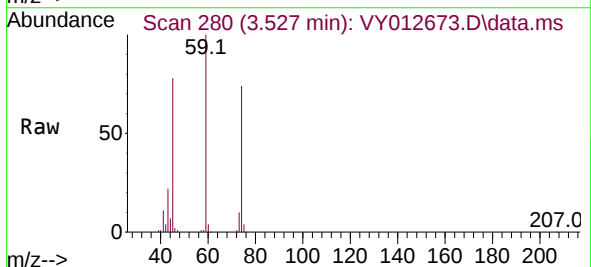
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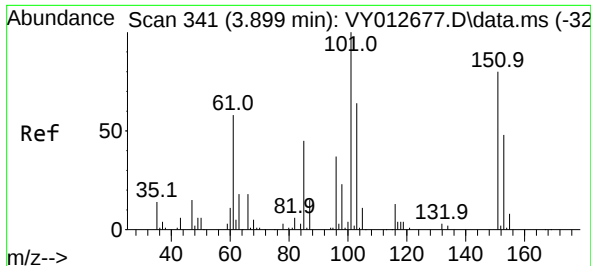
Tgt Ion:101 Resp: 155698
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.8 74.6



#8
 Diethyl Ether
 Concen: 50.885 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 58511
 Ion Ratio Lower Upper
 74 100
 45 102.9 54.6 163.9

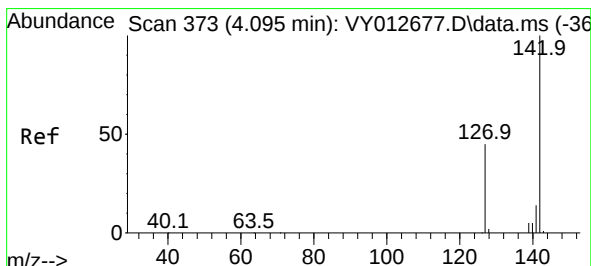
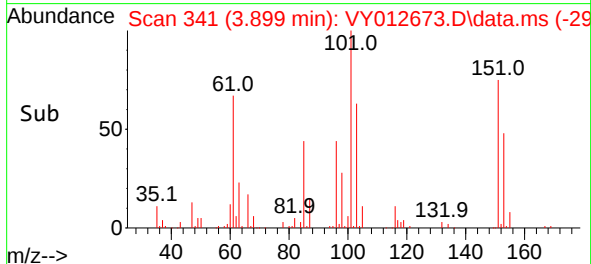
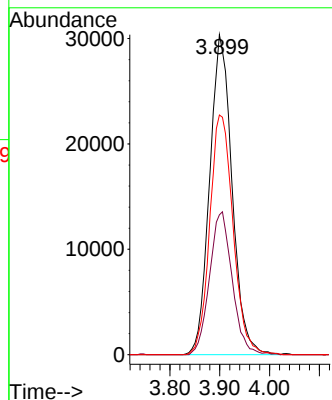
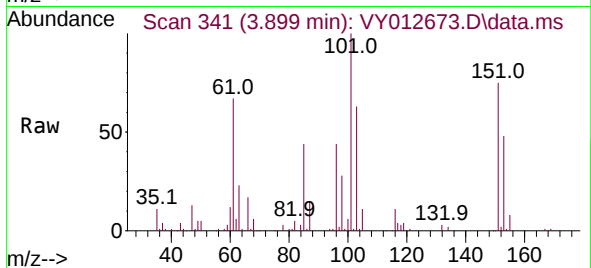




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.351 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

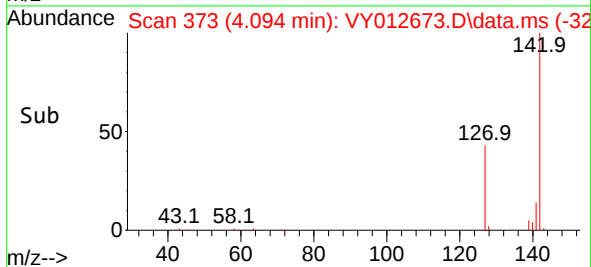
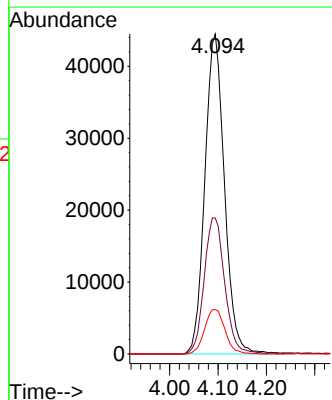
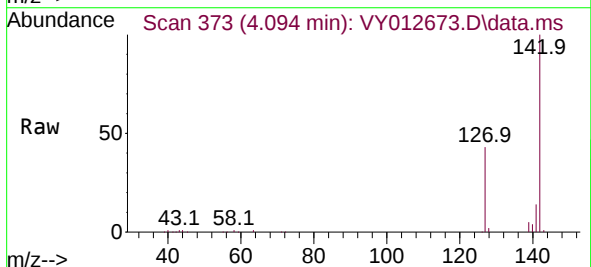
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

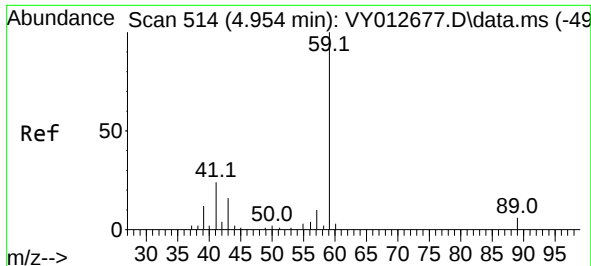
Tgt Ion:101 Resp: 94720
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 78.2 63.1 94.7



#10
Methyl Iodide
Concen: 49.799 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion:142 Resp: 125150
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.5 11.6 17.4

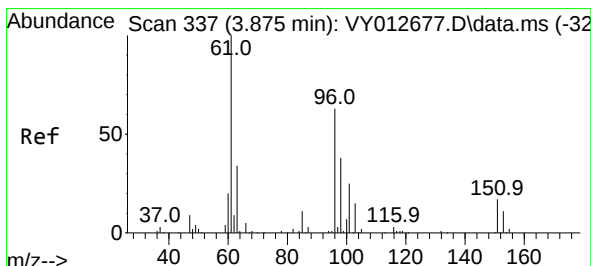
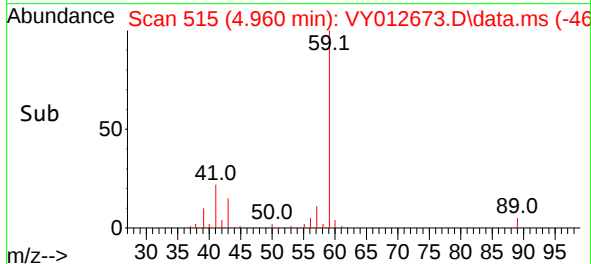
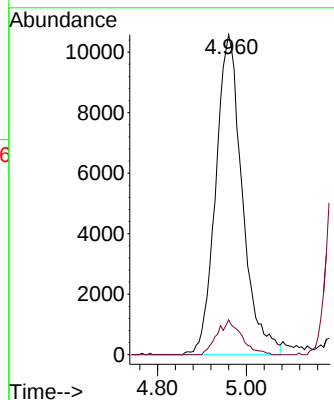
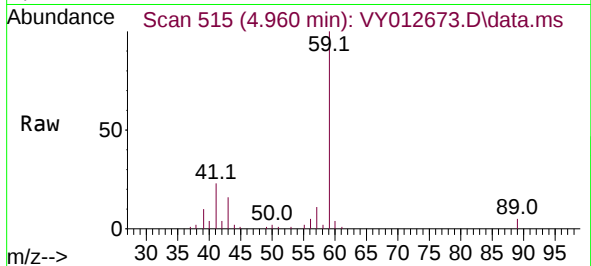




#11
Tert butyl alcohol
Concen: 193.418 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

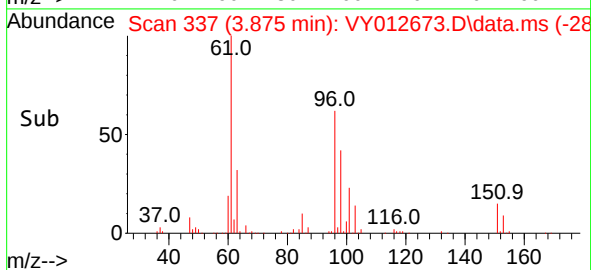
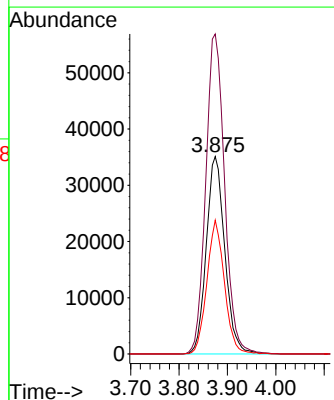
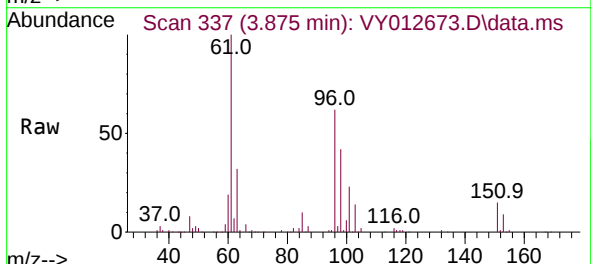
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

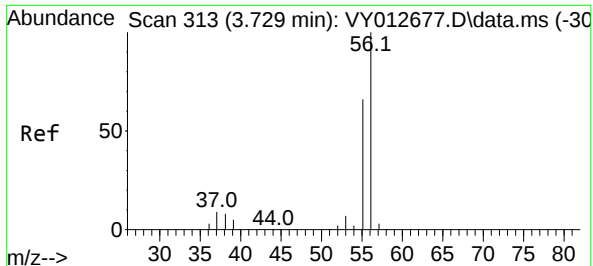
Tgt Ion: 59 Resp: 43828
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.413 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 96 Resp: 93410
Ion Ratio Lower Upper
96 100
61 162.1 127.3 190.9
98 67.8 49.0 73.4





#13

Acrolein

Concen: 244.484 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

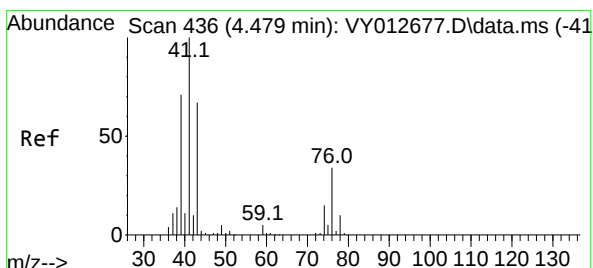
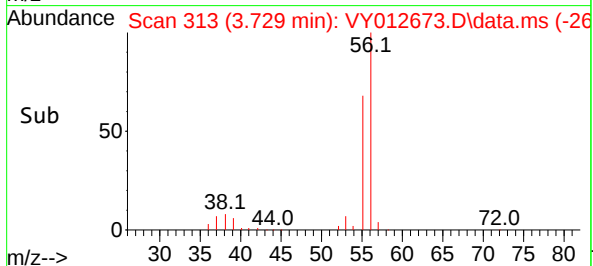
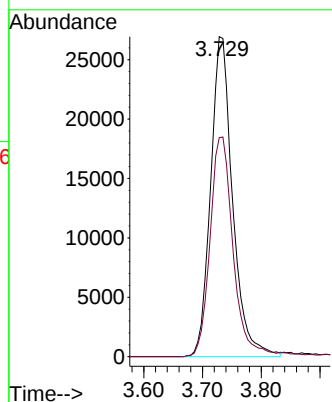
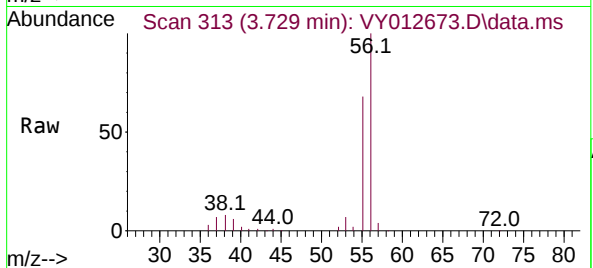
VSTDCCC050

Tgt Ion: 56 Resp: 69996

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 46.700 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

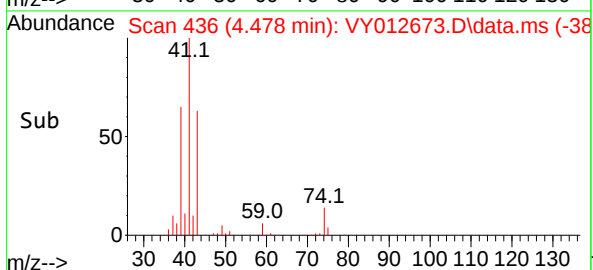
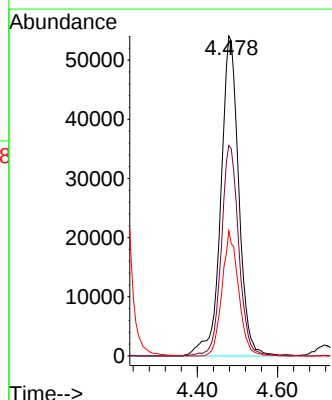
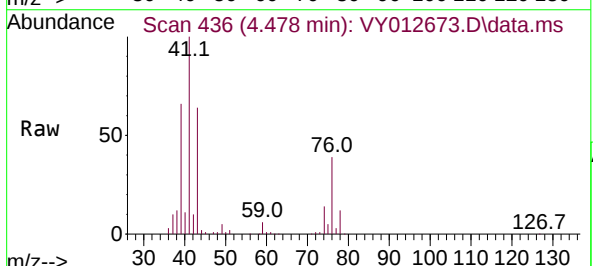
Tgt Ion: 41 Resp: 167937

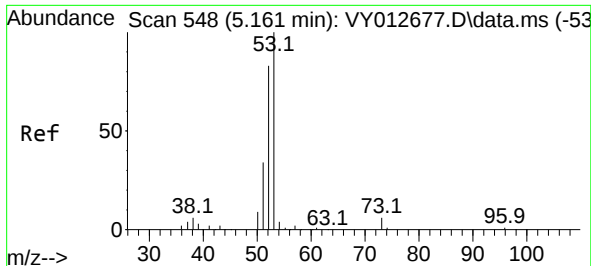
Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.8

76 35.8 25.8 38.6

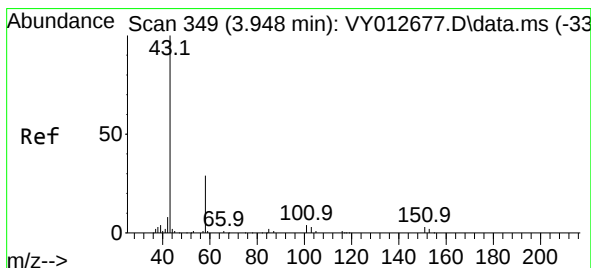
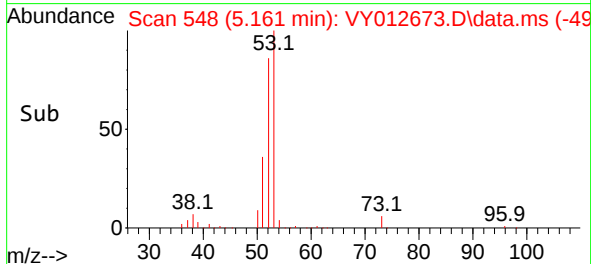
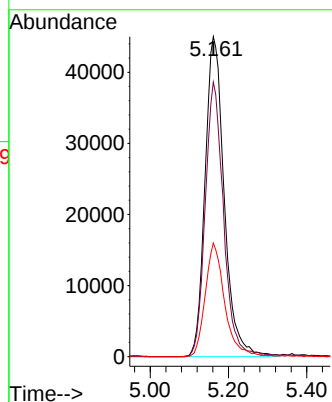
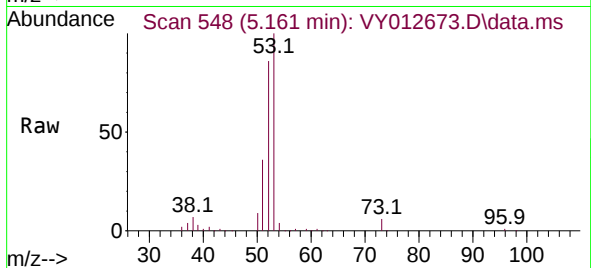




#15
Acrylonitrile
Concen: 250.204 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

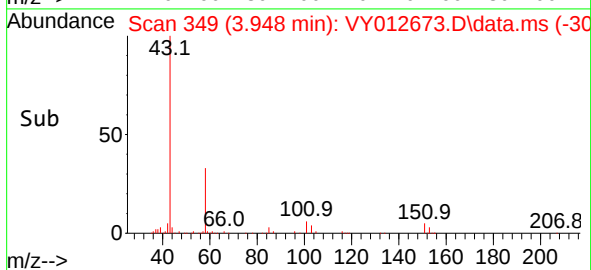
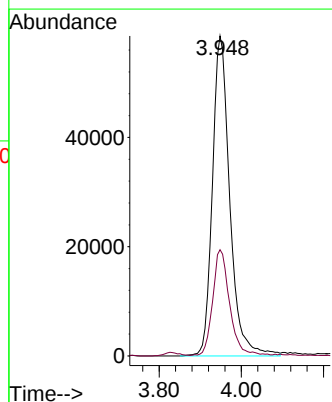
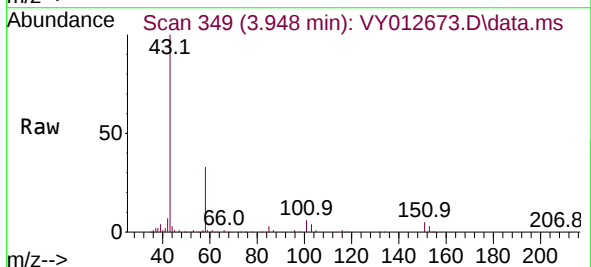
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

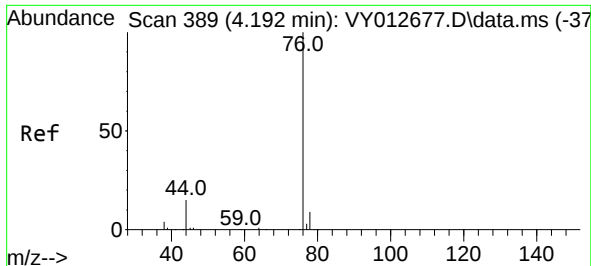
Tgt Ion: 53 Resp: 153061
Ion Ratio Lower Upper
53 100
52 82.0 65.2 97.8
51 35.9 28.6 43.0



#16
Acetone
Concen: 254.549 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 43 Resp: 172060
Ion Ratio Lower Upper
43 100
58 32.7 23.3 34.9

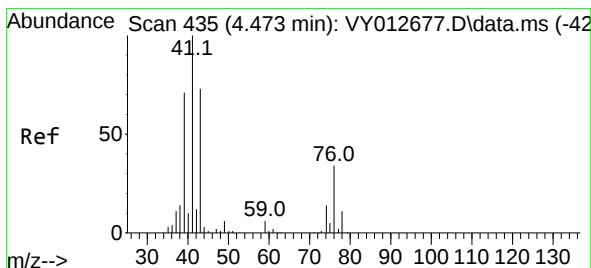
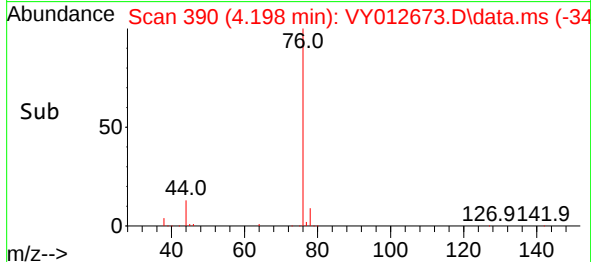
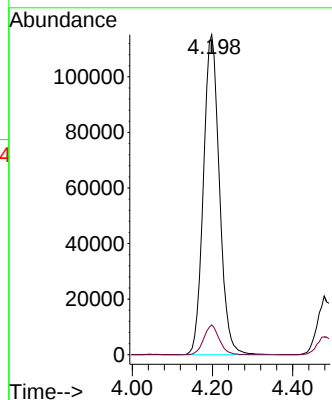
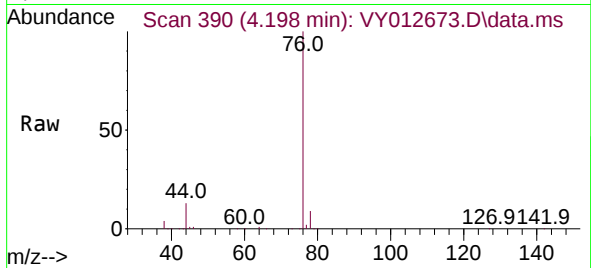




#17
Carbon Disulfide
Concen: 51.053 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

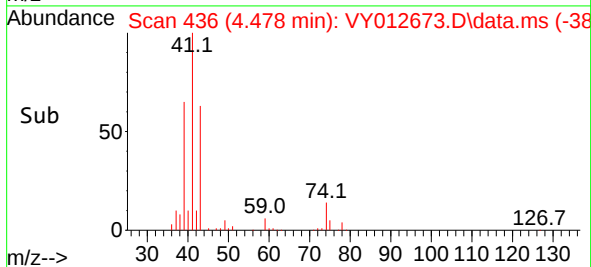
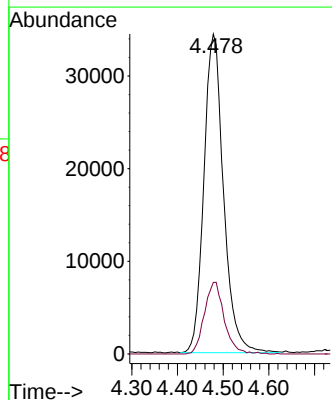
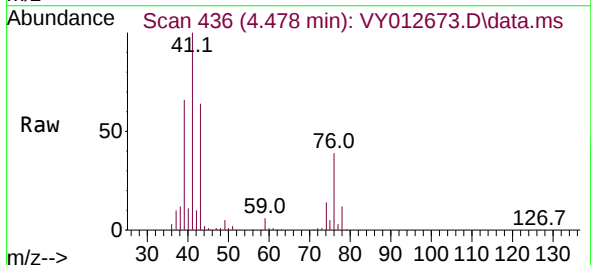
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

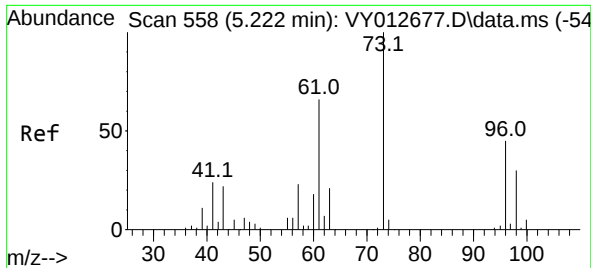
Tgt Ion: 76 Resp: 318333
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 47.111 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 43 Resp: 102581
Ion Ratio Lower Upper
43 100
74 22.8 16.5 24.7

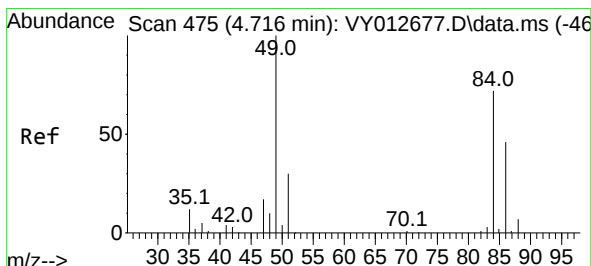
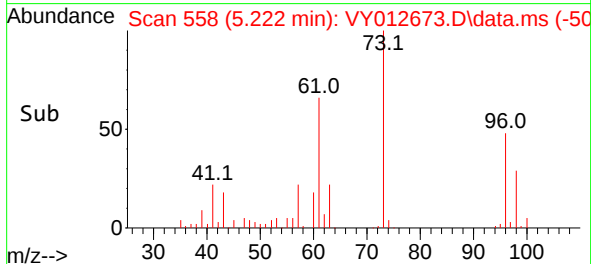
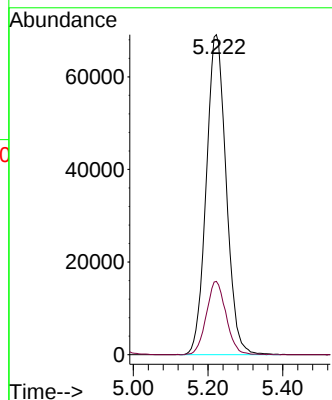
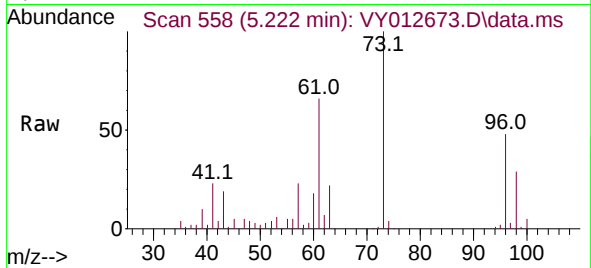




#19
Methyl tert-butyl Ether
Concen: 51.291 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

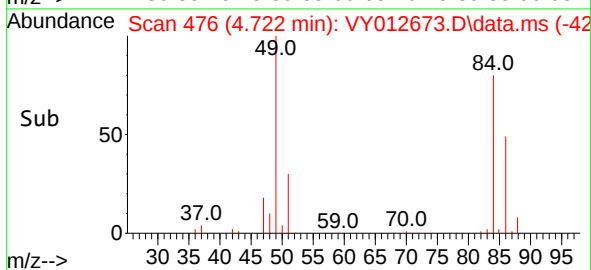
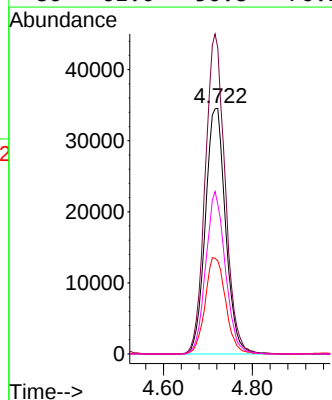
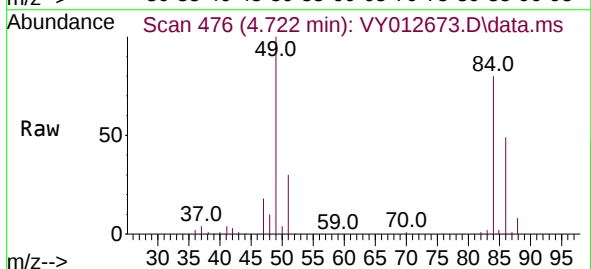
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

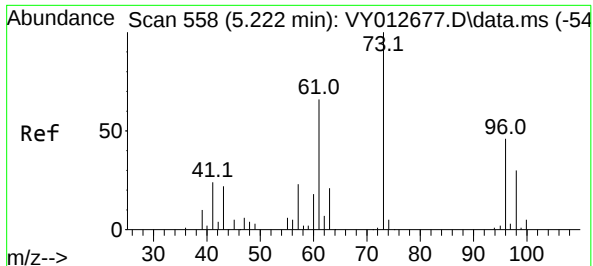
Tgt Ion: 73 Resp: 255637
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 52.152 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 84 Resp: 109480
Ion Ratio Lower Upper
84 100
49 124.6 111.1 166.7
51 37.9 33.5 50.3
86 61.0 50.8 76.2

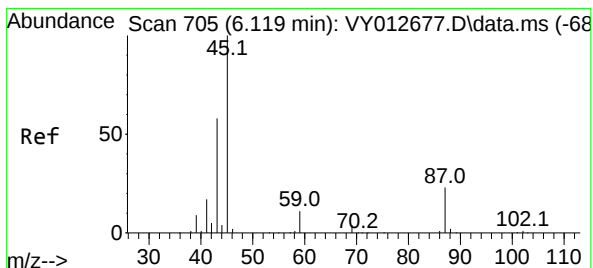
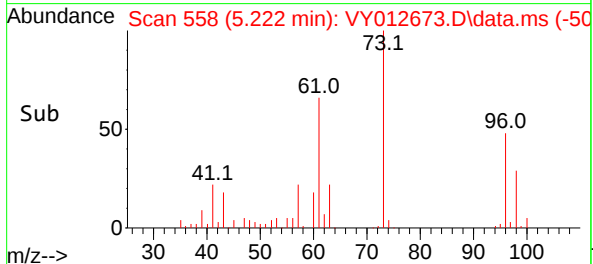
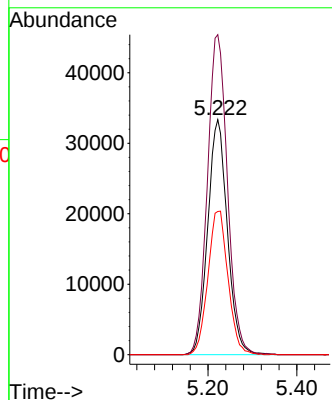
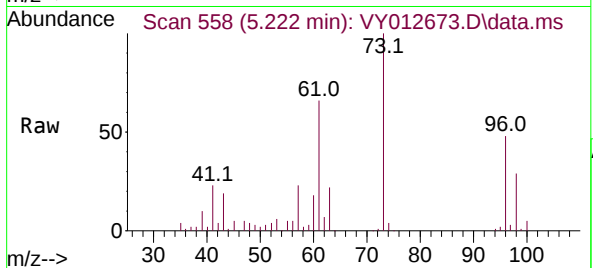




#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

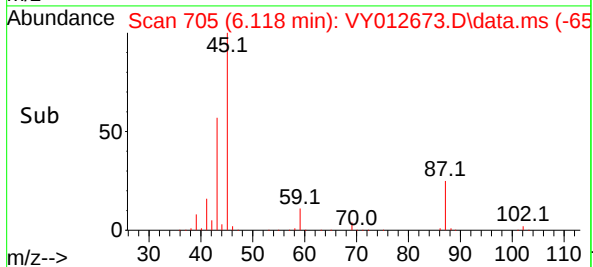
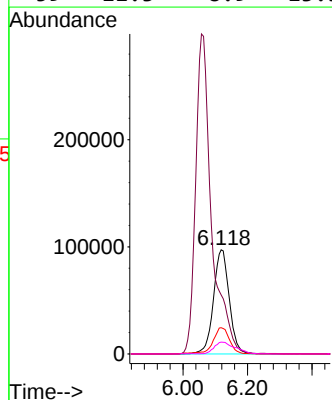
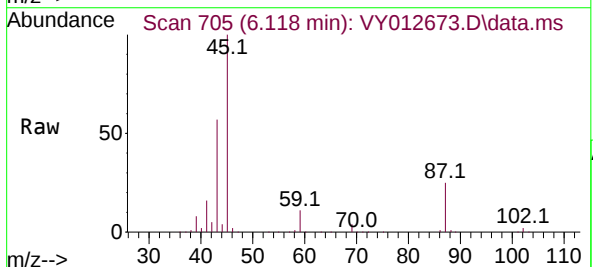
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

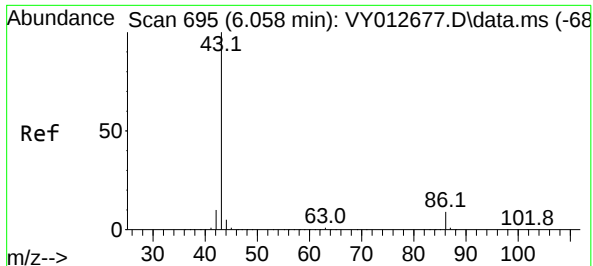
Tgt Ion: 96 Resp: 102653
Ion Ratio Lower Upper
96 100
61 136.1 116.1 174.1
98 60.9 52.3 78.5



#22
Diisopropyl ether
Concen: 49.153 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 45 Resp: 329840
Ion Ratio Lower Upper
45 100
43 56.6 46.2 69.2
87 25.2 18.6 28.0
59 11.3 8.9 13.3

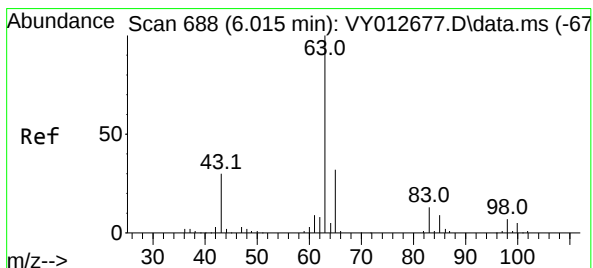
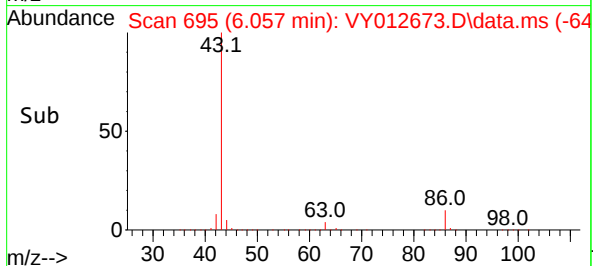
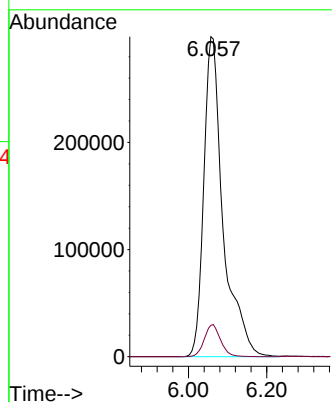
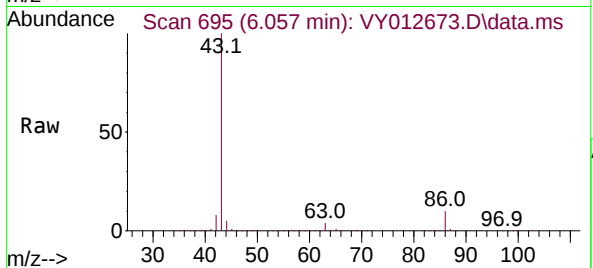




#23
 Vinyl Acetate
 Concen: 245.880 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012673.D
 Acq: 21 Feb 2023 14:21

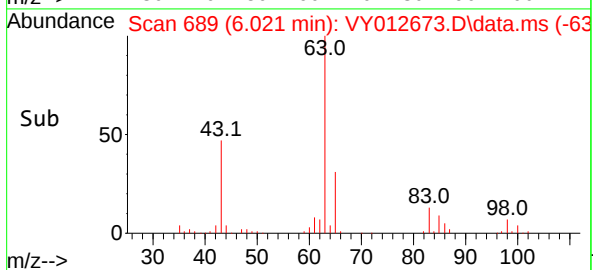
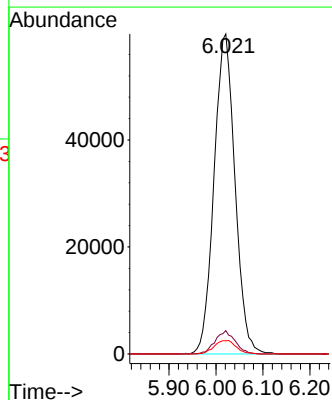
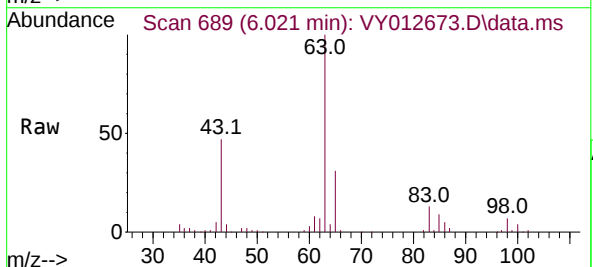
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

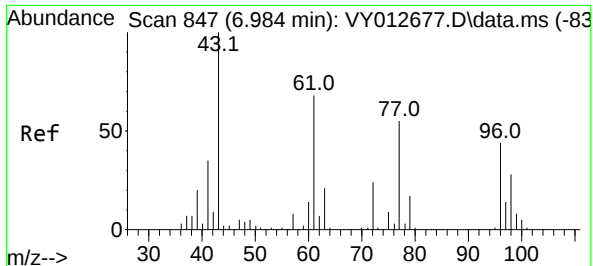
Tgt Ion: 43 Resp: 1021893
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 49.765 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012673.D
 Acq: 21 Feb 2023 14:21

Tgt Ion: 63 Resp: 185174
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.1 2.3 6.9





#25

2-Butanone

Concen: 249.953 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

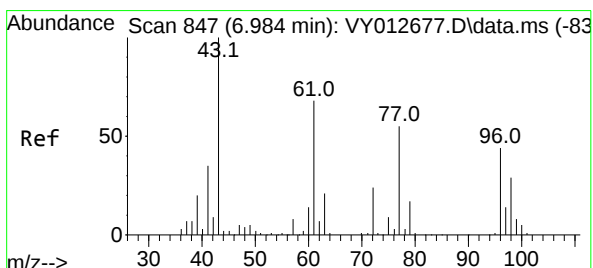
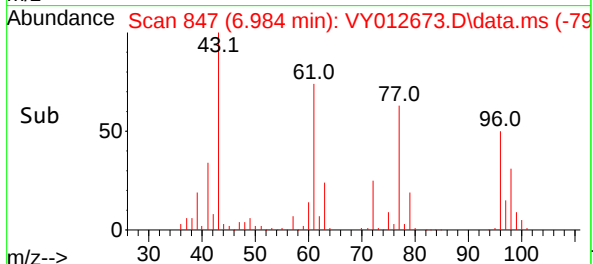
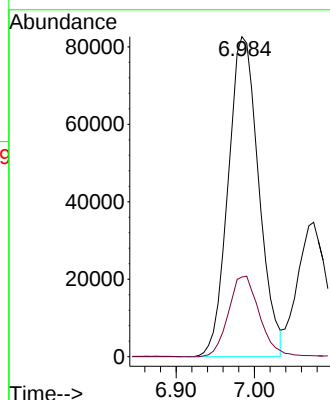
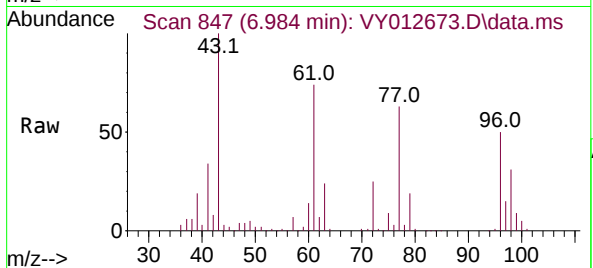
VSTDCCC050

Tgt Ion: 43 Resp: 224240

Ion Ratio Lower Upper

43 100

72 24.9 18.8 28.2



#26

2,2-Dichloropropane

Concen: 48.346 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012673.D

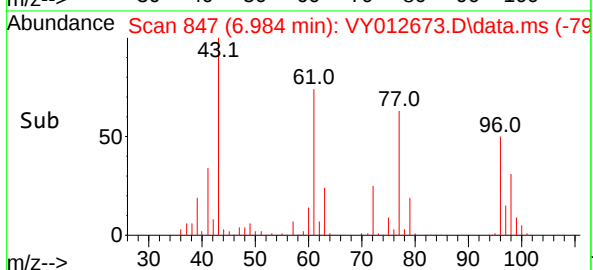
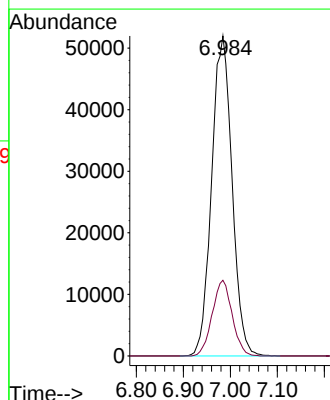
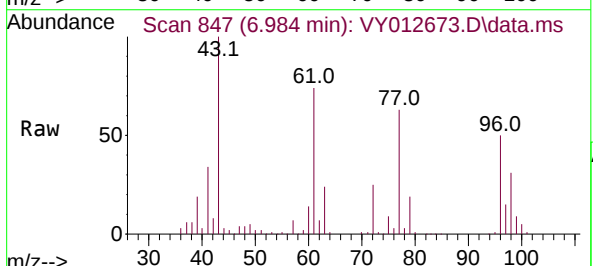
Acq: 21 Feb 2023 14:21

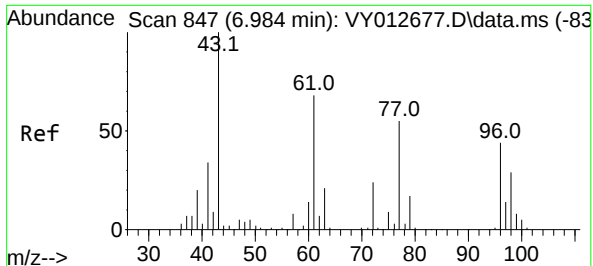
Tgt Ion: 77 Resp: 156924

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.383 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

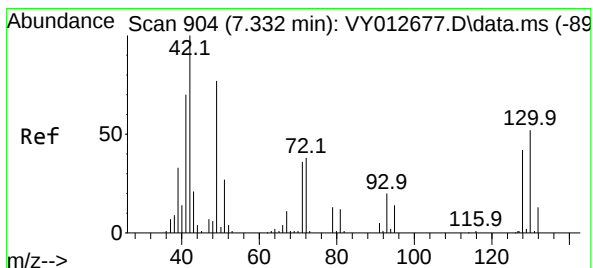
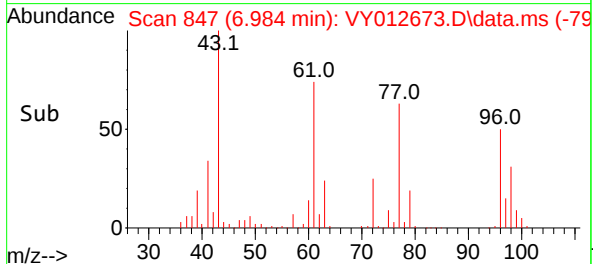
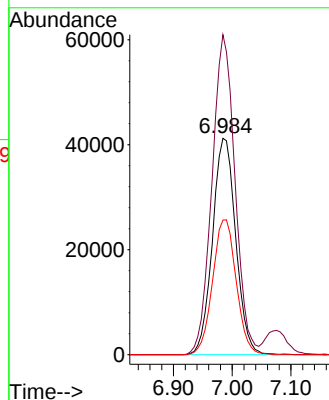
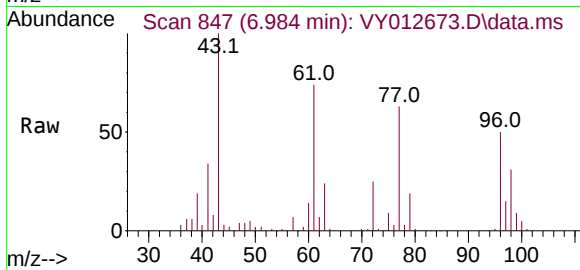
Tgt Ion: 96 Resp: 113311

Ion Ratio Lower Upper

96 100

61 146.5 0.0 308.8

98 63.4 0.0 129.0



#28

Bromochloromethane

Concen: 49.213 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

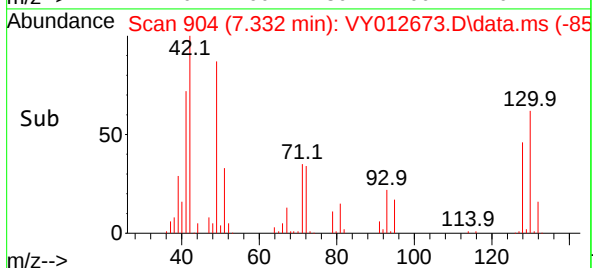
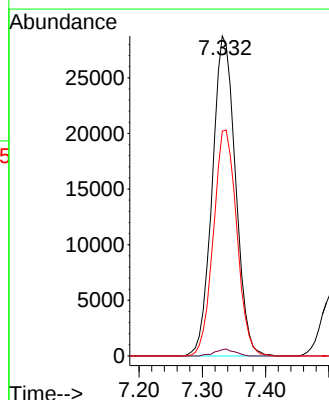
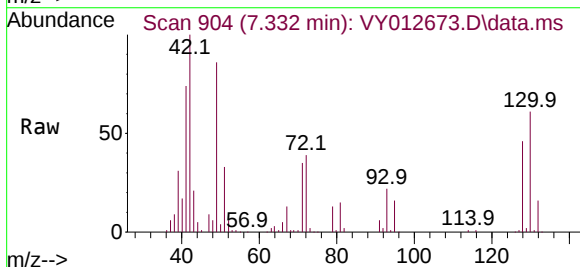
Tgt Ion: 49 Resp: 73327

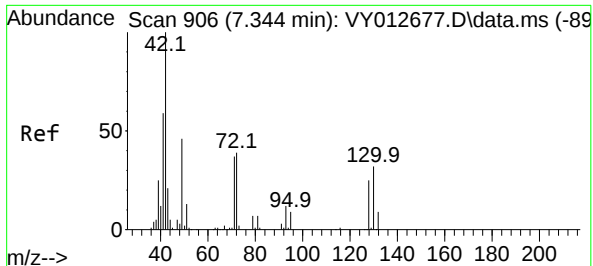
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 70.9 54.3 81.5





#29

Tetrahydrofuran

Concen: 252.526 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

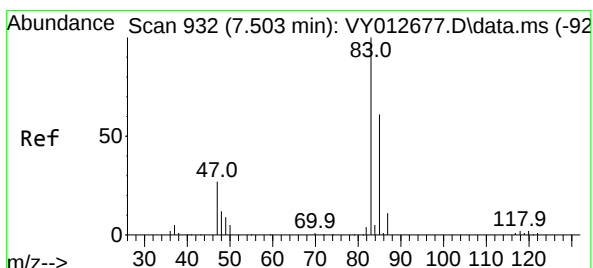
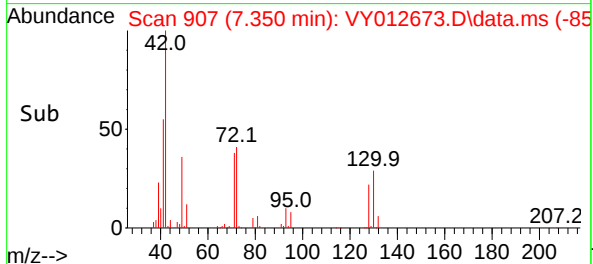
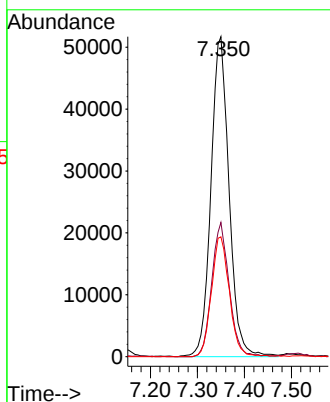
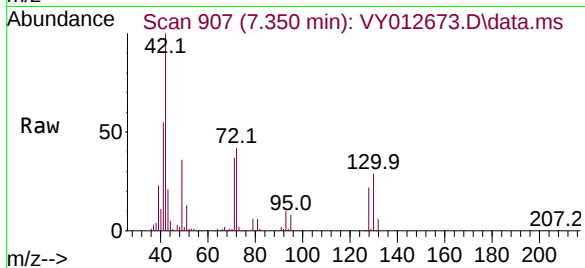
Tgt Ion: 42 Resp: 138312

Ion Ratio Lower Upper

42 100

72 40.4 30.6 45.8

71 37.1 28.6 42.8



#30

Chloroform

Concen: 48.893 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012673.D

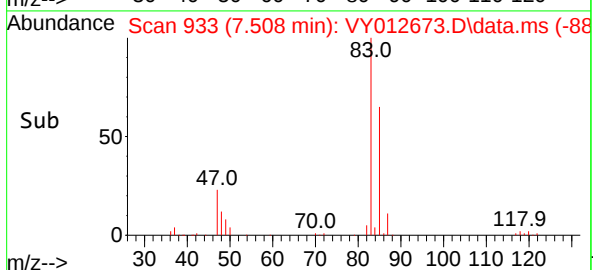
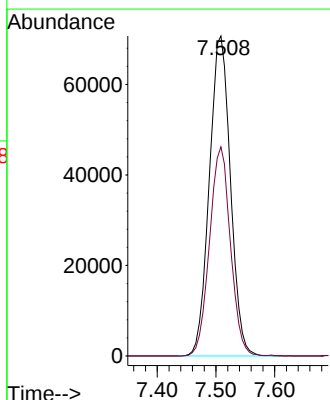
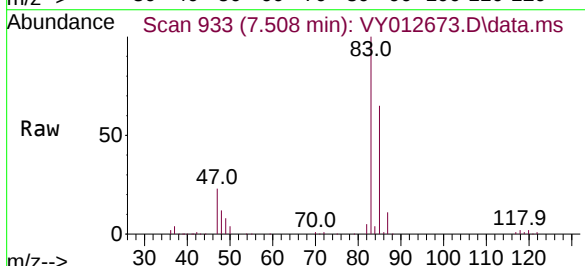
Acq: 21 Feb 2023 14:21

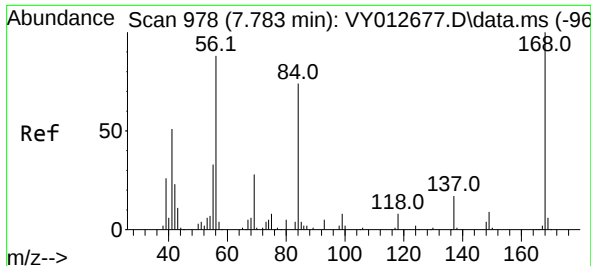
Tgt Ion: 83 Resp: 176280

Ion Ratio Lower Upper

83 100

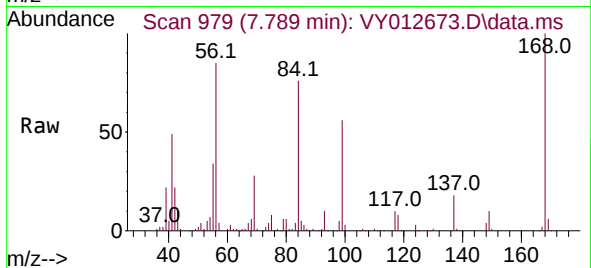
85 65.3 48.9 73.3



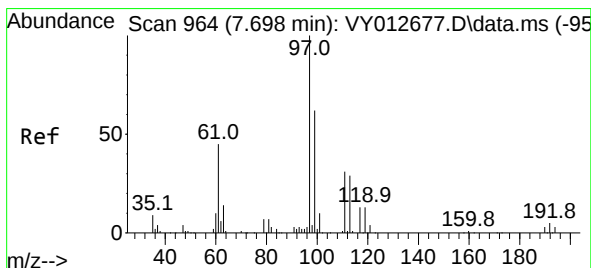
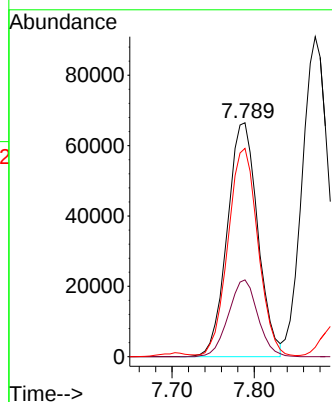
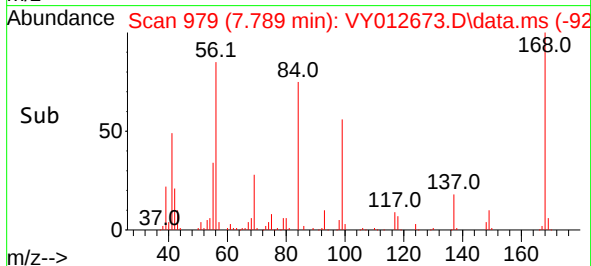


#31
Cyclohexane
Concen: 47.549 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

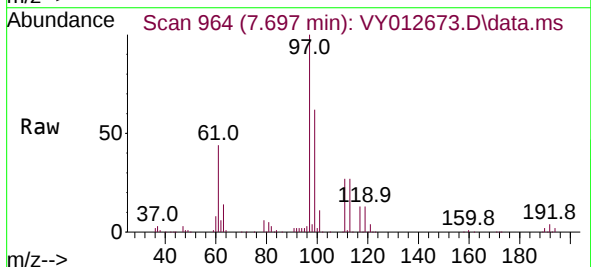
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



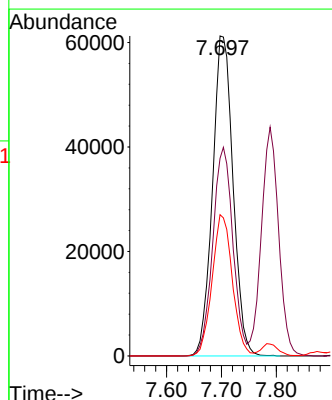
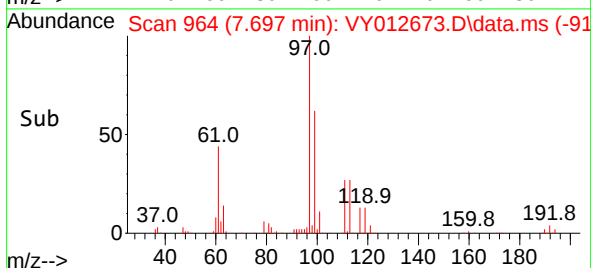
Tgt Ion: 56 Resp: 171122
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.2
84 87.5 67.3 100.9

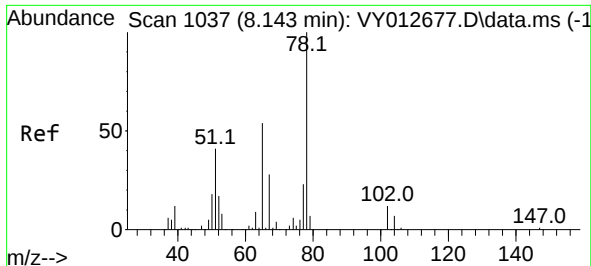


#32
1,1,1-Trichloroethane
Concen: 48.733 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21



Tgt Ion: 97 Resp: 159058
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 43.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.171 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

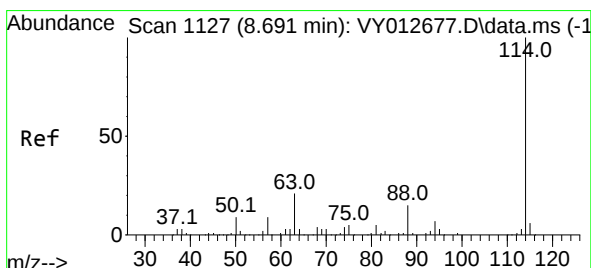
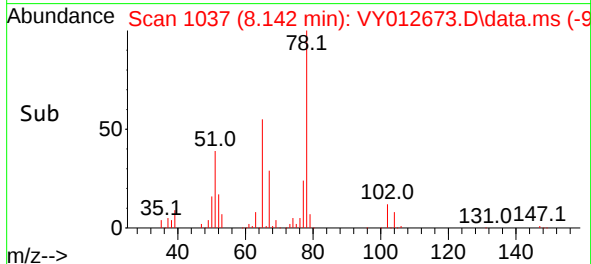
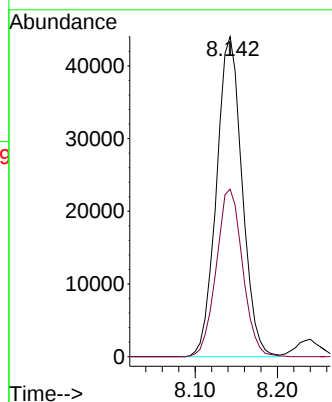
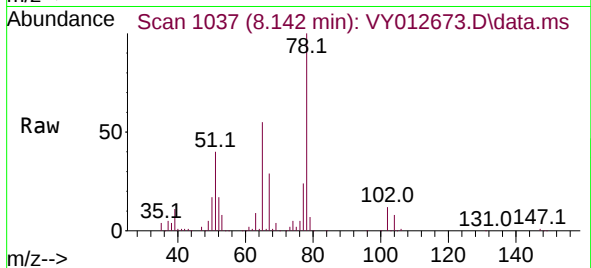
VSTDCCC050

Tgt Ion: 65 Resp: 95643

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

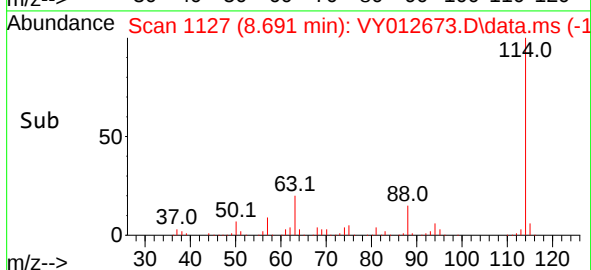
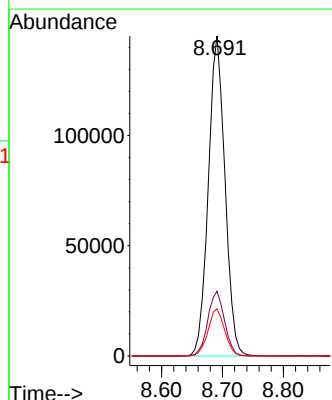
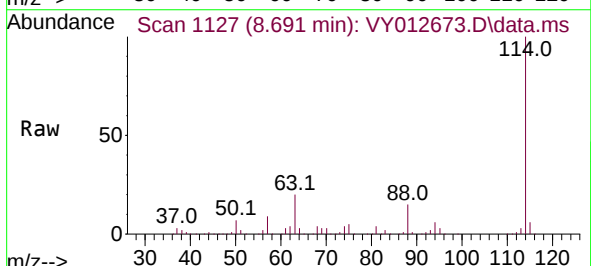
Tgt Ion: 114 Resp: 275831

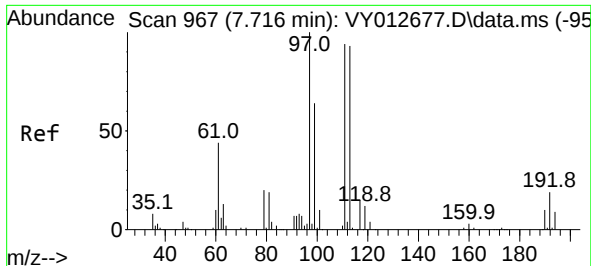
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 14.8 0.0 29.6

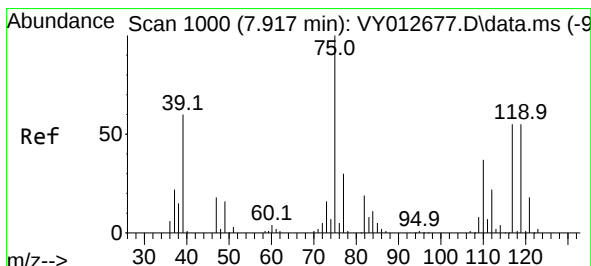
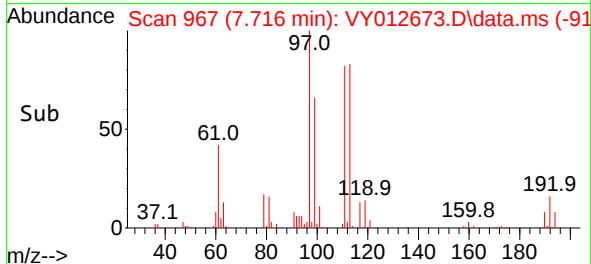
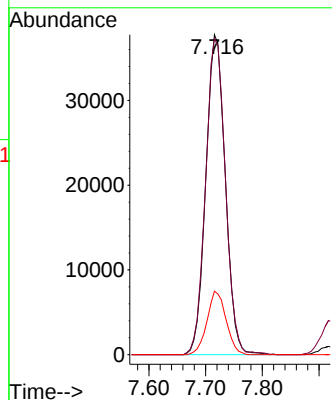
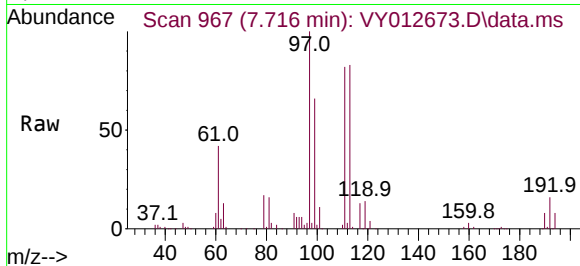




#35
Dibromofluoromethane
Concen: 48.329 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

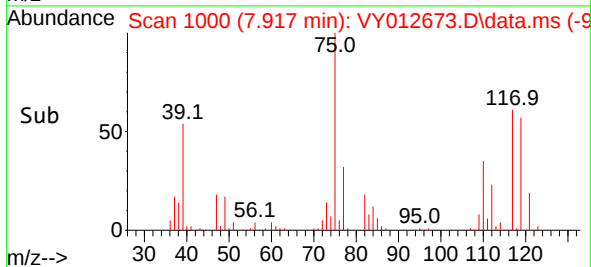
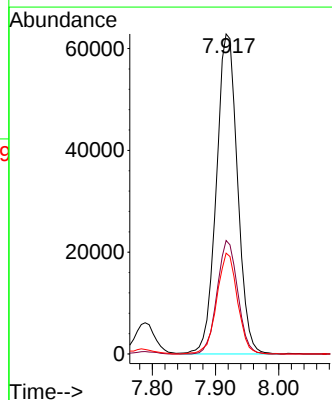
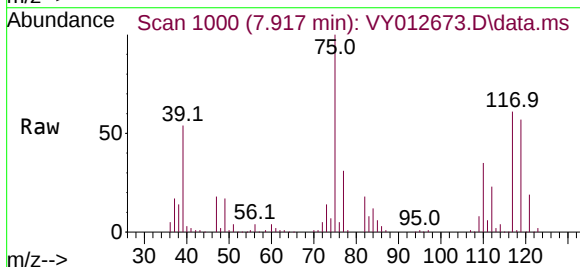
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

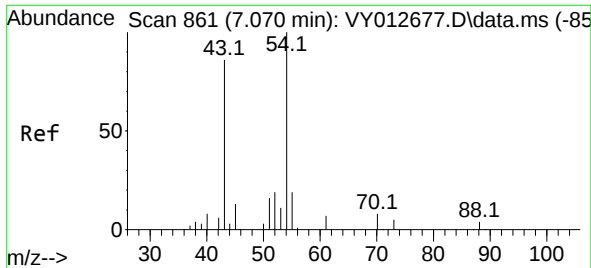
Tgt Ion:113 Resp: 90039
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 19.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 49.402 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 75 Resp: 145888
Ion Ratio Lower Upper
75 100
110 34.4 17.6 52.8
77 30.8 24.6 37.0

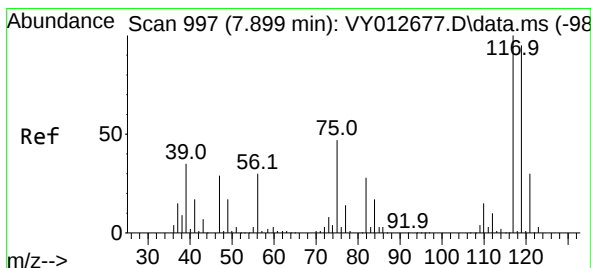
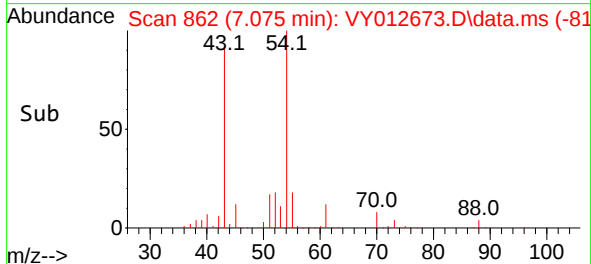
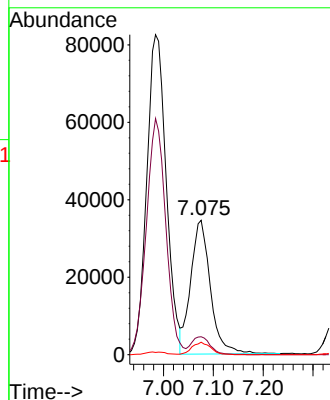
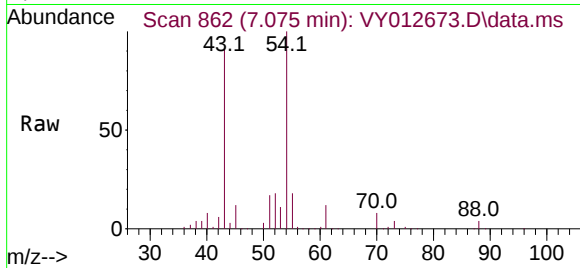




#37
Ethyl Acetate
Concen: 47.834 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

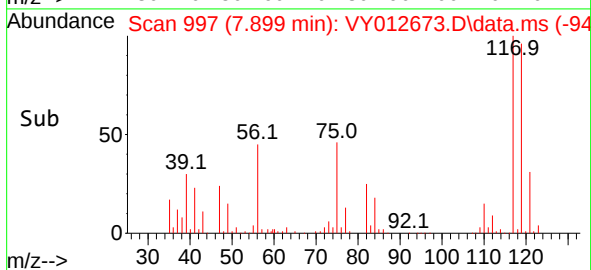
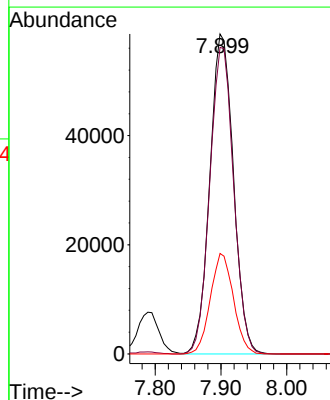
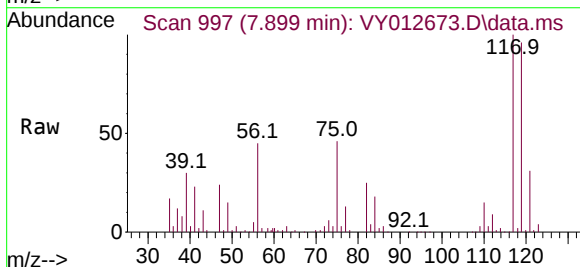
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

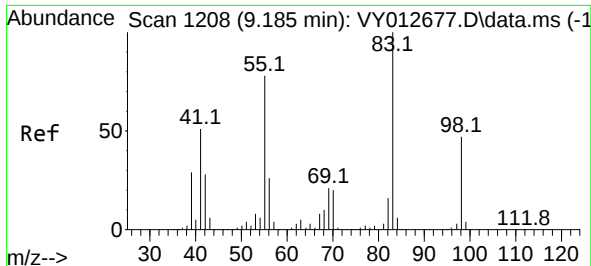
Tgt Ion:	43	Resp:	95316
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	8.8	6.4	9.6



#38
Carbon Tetrachloride
Concen: 48.014 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion:	117	Resp:	146611
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.5	113.3
121	31.4	23.8	35.8





#39

Methylcyclohexane

Concen: 52.111 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

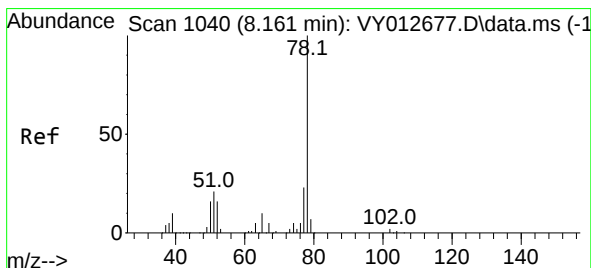
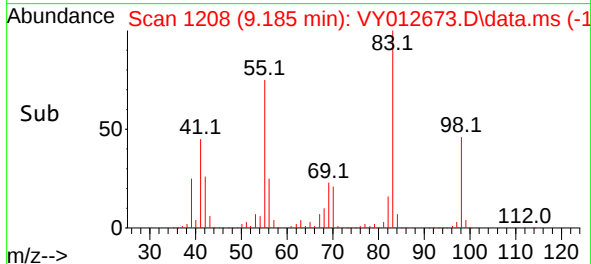
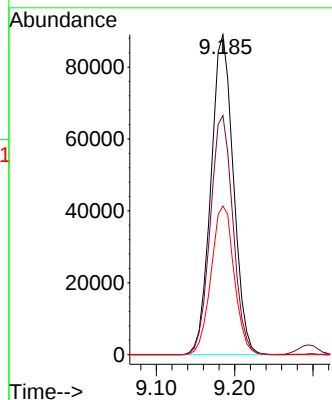
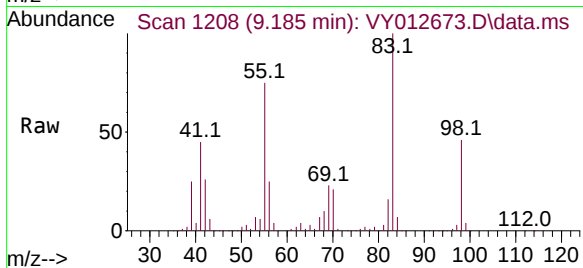
Tgt Ion: 83 Resp: 177518

Ion Ratio Lower Upper

83 100

55 74.7 62.5 93.7

98 46.4 37.8 56.6



#40

Benzene

Concen: 49.912 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012673.D

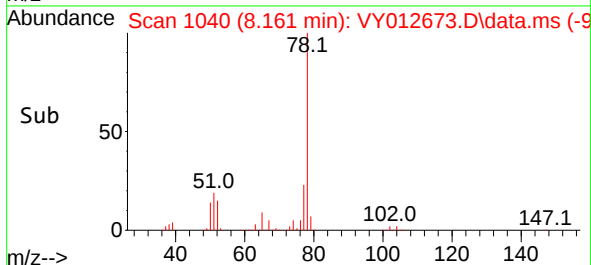
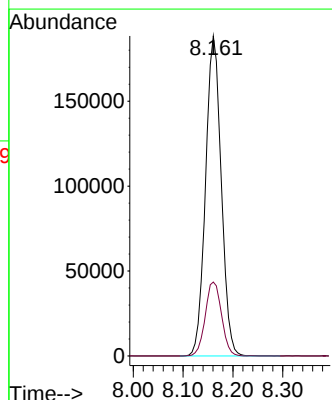
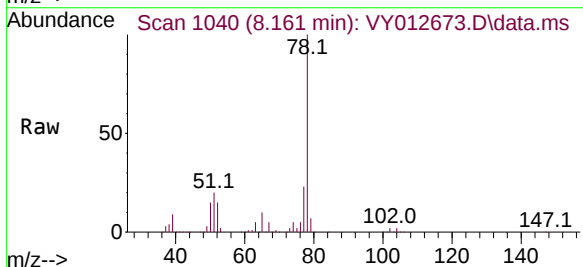
Acq: 21 Feb 2023 14:21

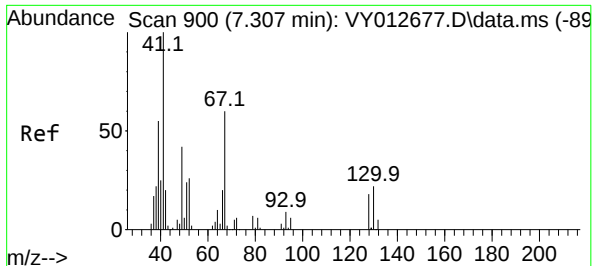
Tgt Ion: 78 Resp: 411434

Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7

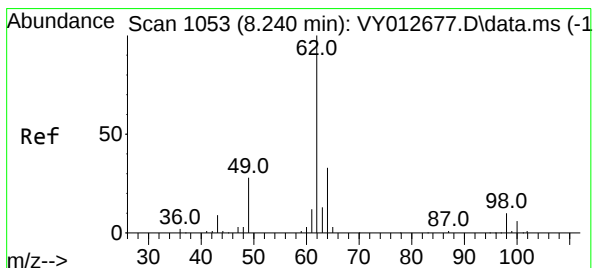
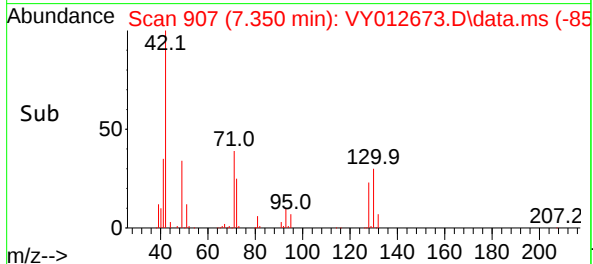
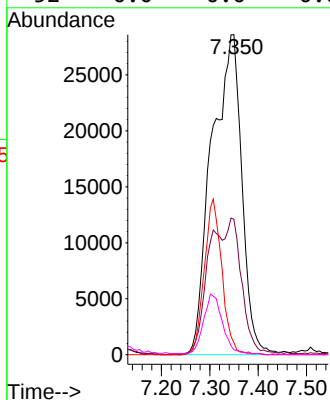
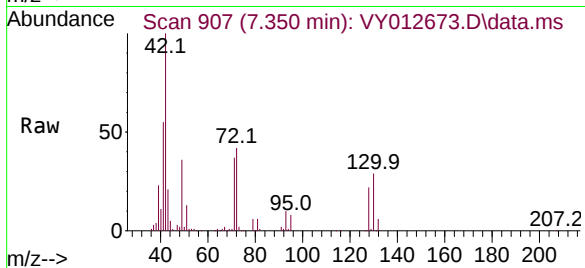




#41
Methacrylonitrile
Concen: 126.964 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.042 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

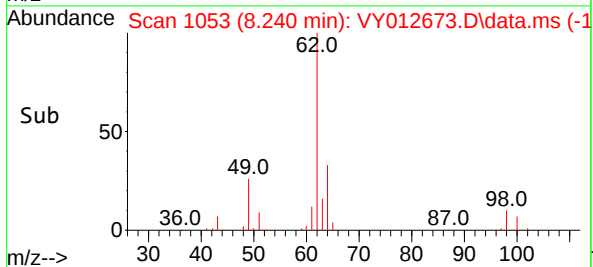
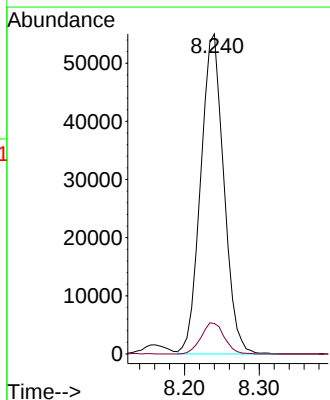
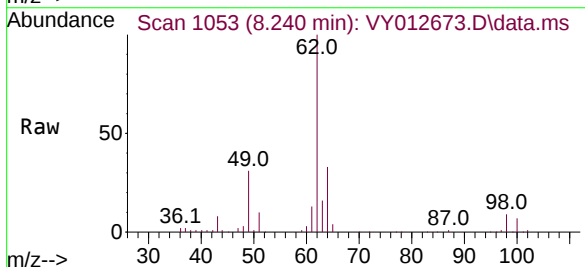
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

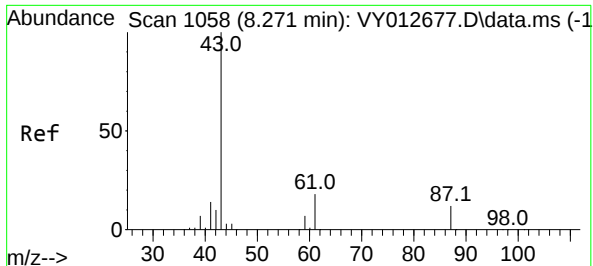
Tgt Ion: 41 Resp: 123219
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 46.273 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 62 Resp: 118279
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.8

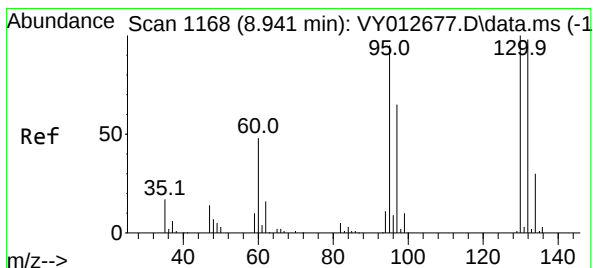
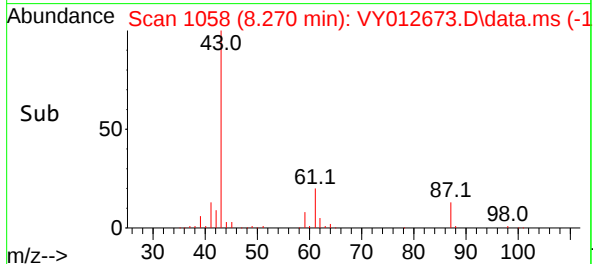
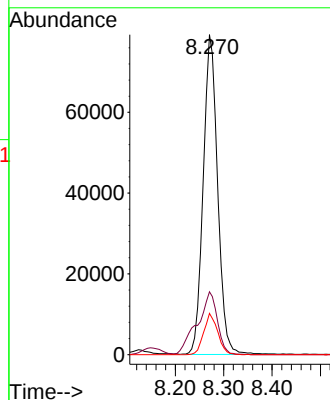
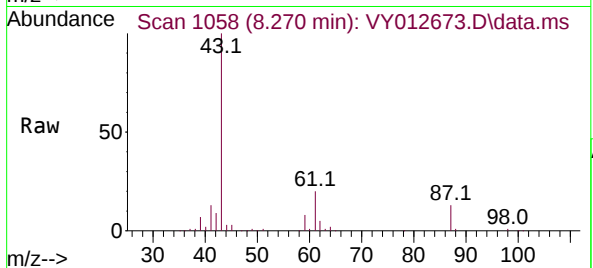




#43
Isopropyl Acetate
Concen: 47.678 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

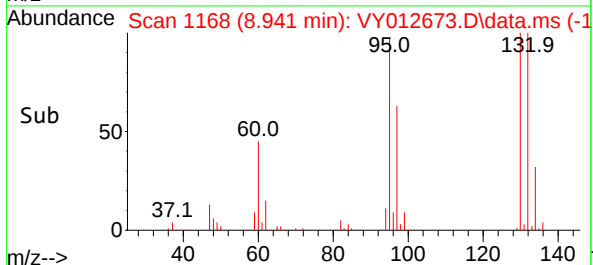
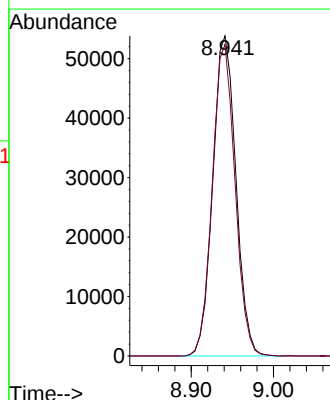
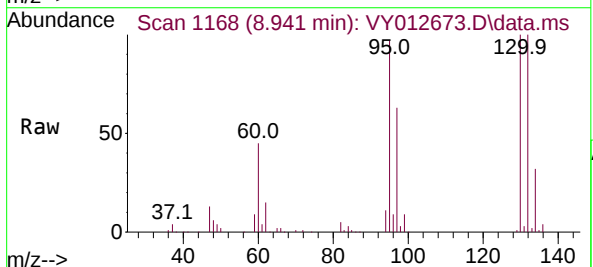
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

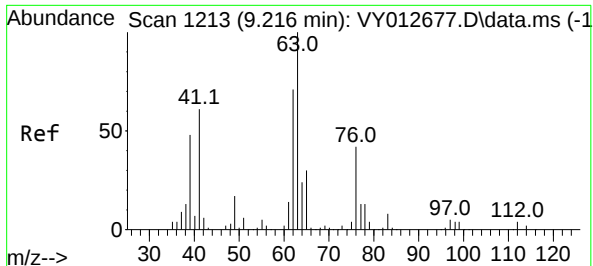
Tgt Ion: 43 Resp: 164175
Ion Ratio Lower Upper
43 100
61 27.4 20.5 30.7
87 12.5 9.2 13.8



#44
Trichloroethene
Concen: 49.240 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 130 Resp: 104941
Ion Ratio Lower Upper
130 100
95 97.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.615 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

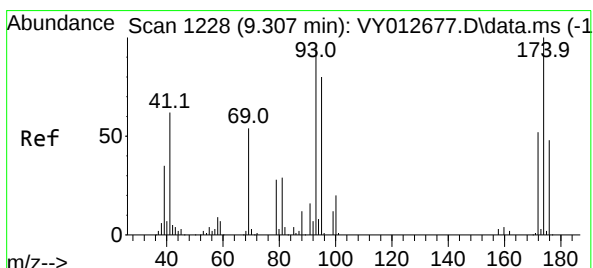
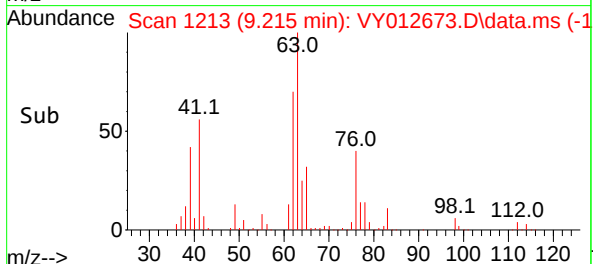
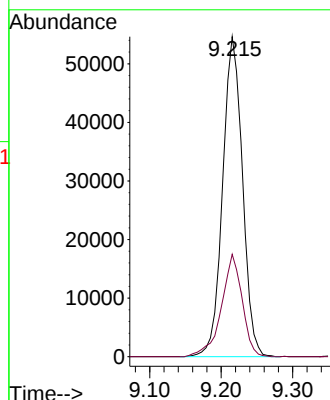
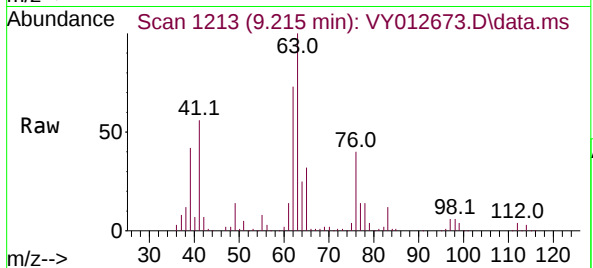
VSTDCCC050

Tgt Ion: 63 Resp: 105202

Ion Ratio Lower Upper

63 100

65 32.0 23.9 35.9



#46

Dibromomethane

Concen: 49.083 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

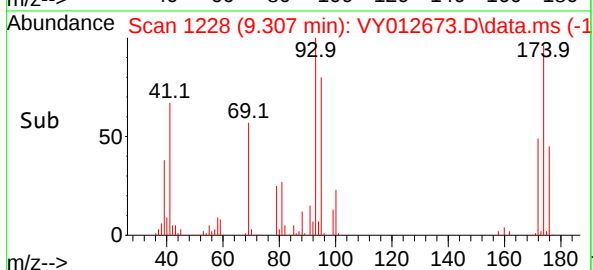
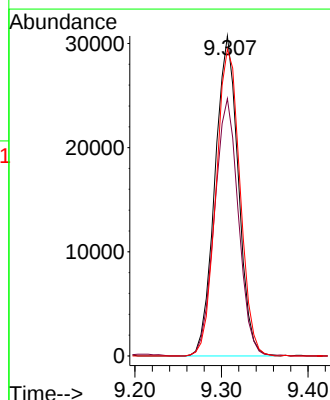
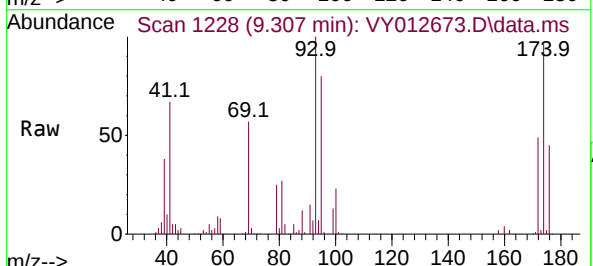
Tgt Ion: 93 Resp: 57450

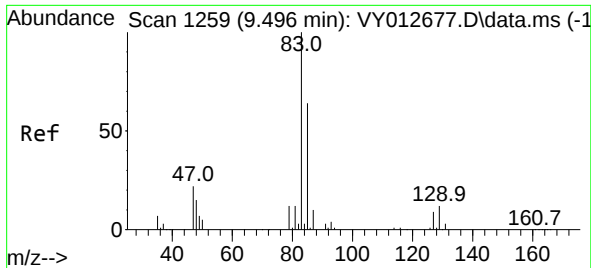
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 98.5 79.8 119.6

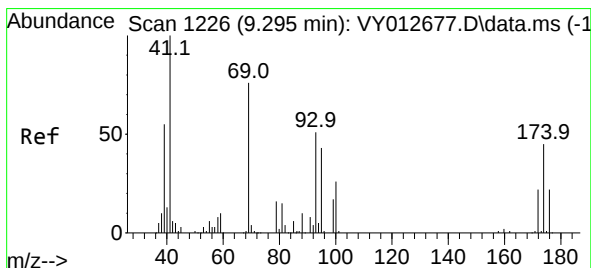
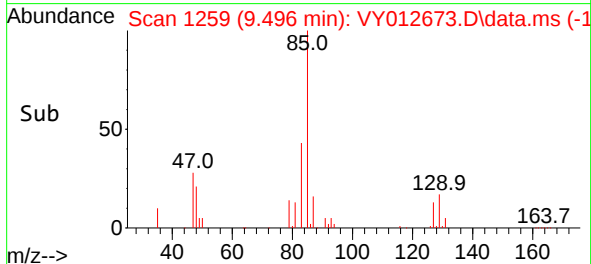
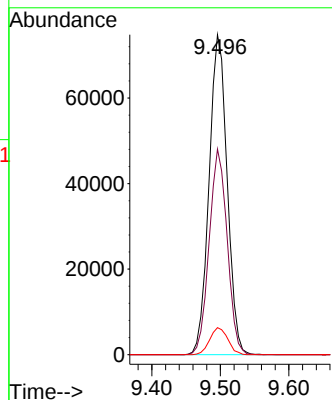
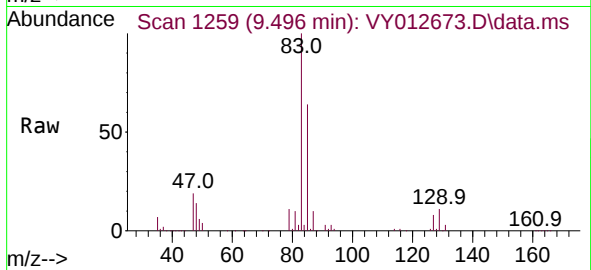




#47
Bromodichloromethane
Concen: 48.635 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

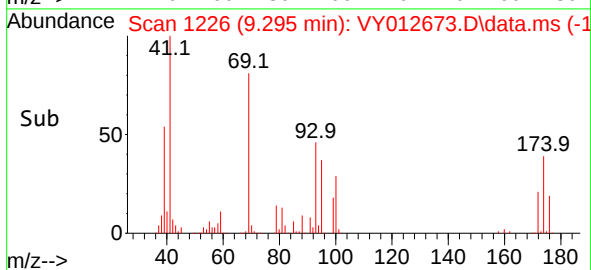
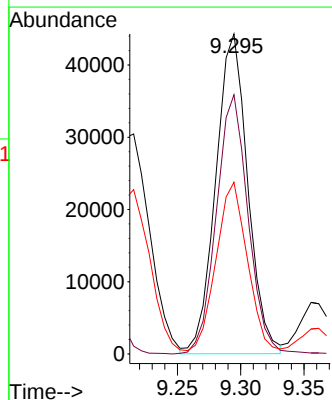
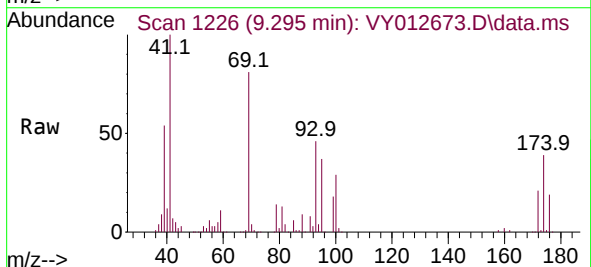
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

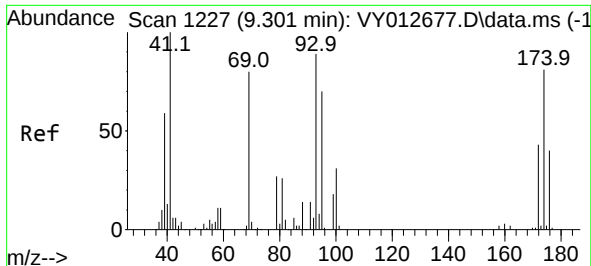
Tgt Ion: 83 Resp: 137043
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 48.542 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 41 Resp: 77998
Ion Ratio Lower Upper
41 100
69 80.5 62.6 93.8
39 51.0 45.1 67.7





#49

1,4-Dioxane

Concen: 780.454 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

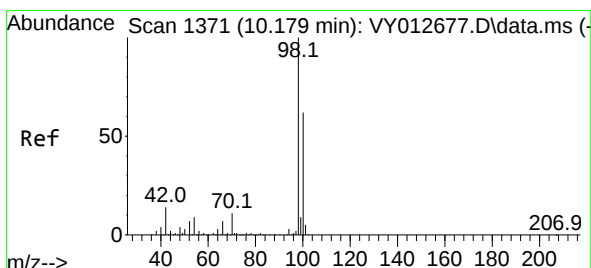
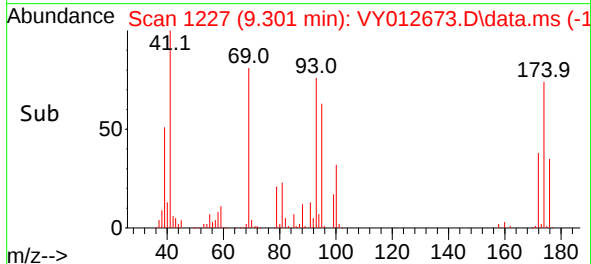
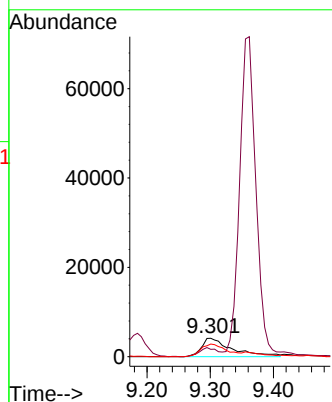
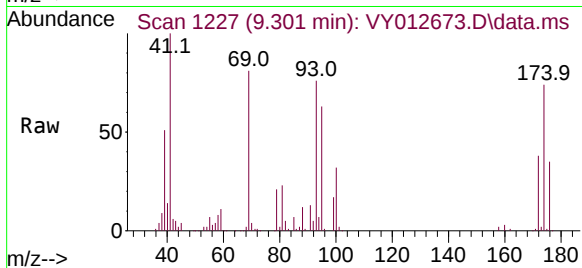
Tgt Ion: 88 Resp: 13910

Ion Ratio Lower Upper

88 100

43 29.4 23.1 34.7

58 57.6 45.8 68.8



#50

Toluene-d8

Concen: 49.617 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012673.D

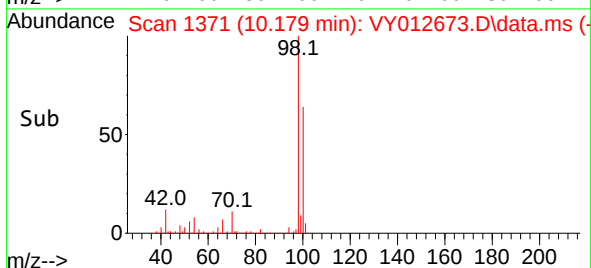
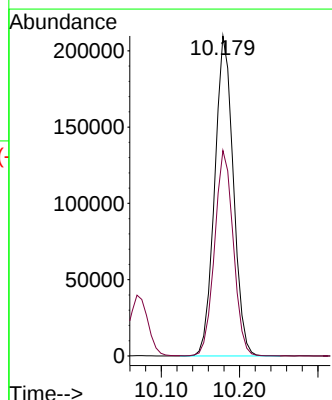
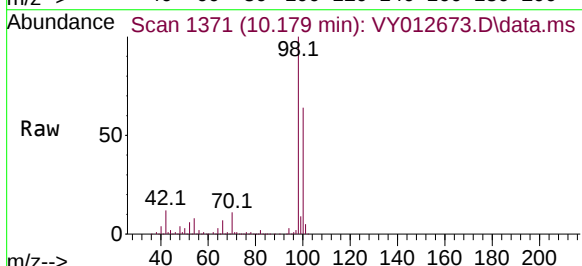
Acq: 21 Feb 2023 14:21

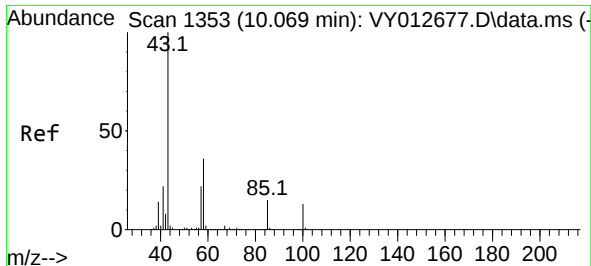
Tgt Ion: 98 Resp: 346316

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8

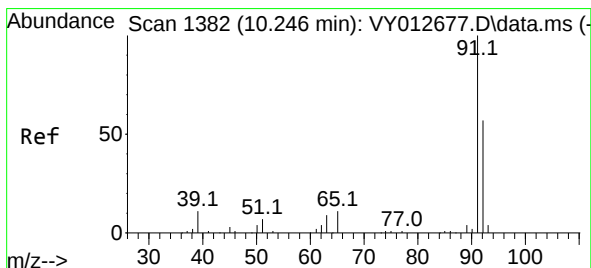
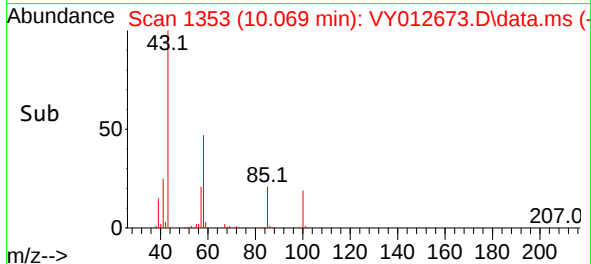
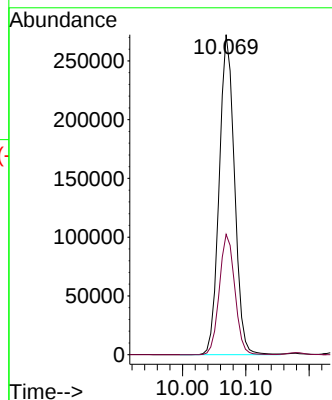
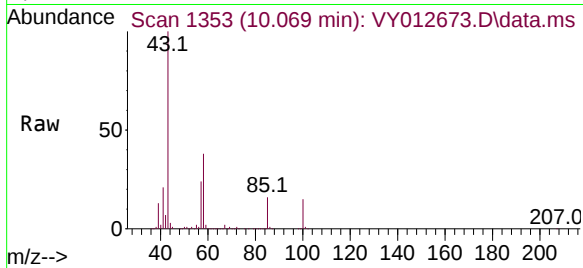




#51
4-Methyl-2-Pentanone
Concen: 244.932 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

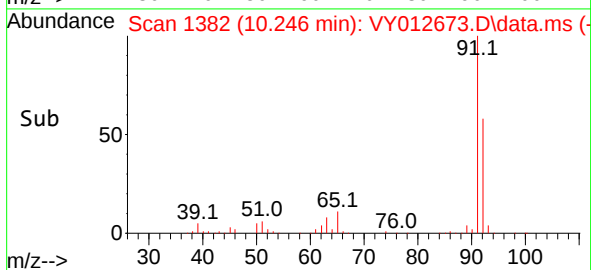
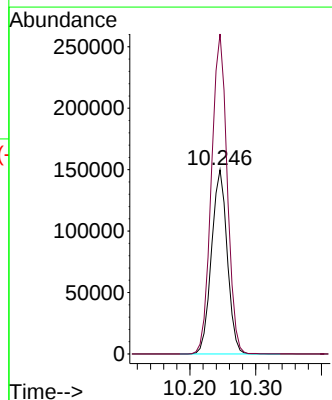
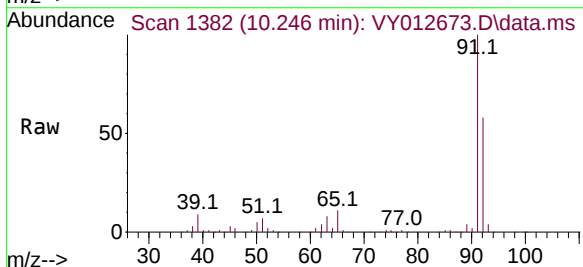
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

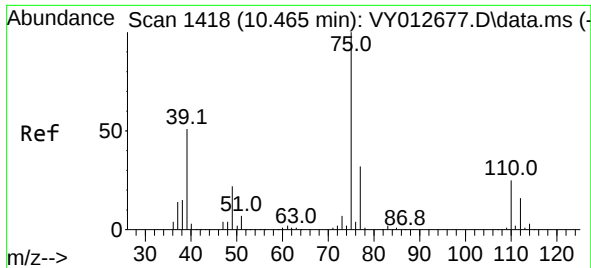
Tgt Ion: 43 Resp: 454951
Ion Ratio Lower Upper
43 100
58 38.1 28.8 43.2



#52
Toluene
Concen: 51.022 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 92 Resp: 249198
Ion Ratio Lower Upper
92 100
91 174.6 139.5 209.3

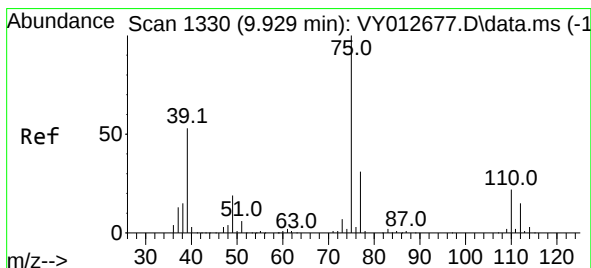
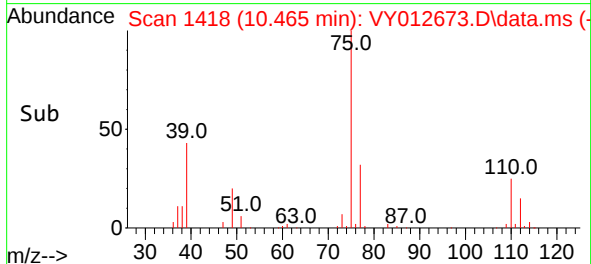
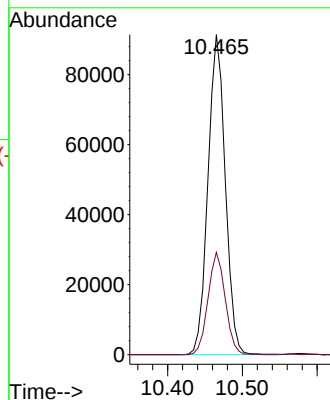
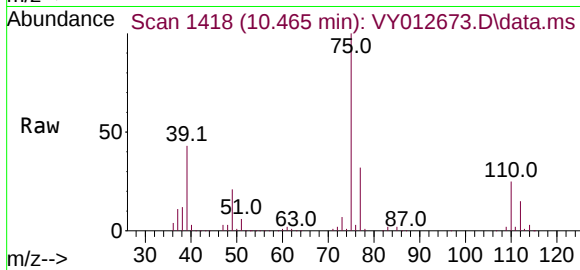




#53
t-1,3-Dichloropropene
Concen: 49.978 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

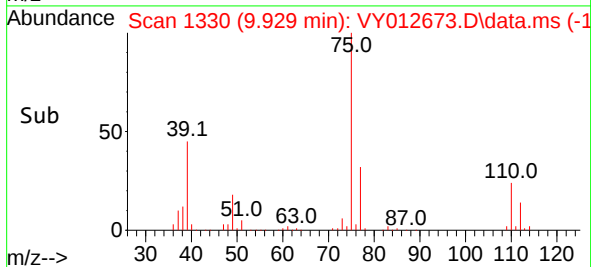
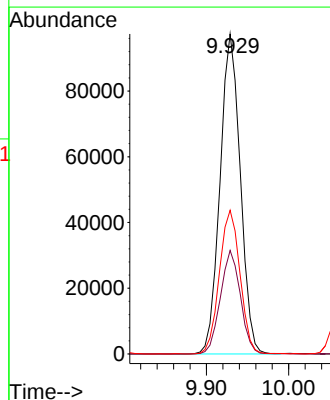
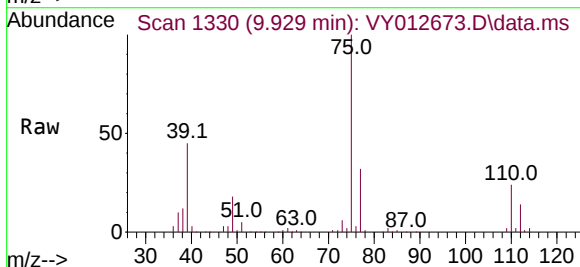
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

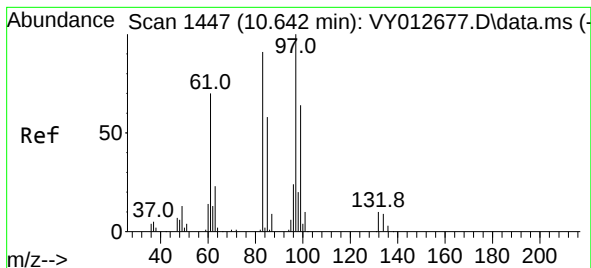
Tgt Ion: 75 Resp: 147159
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.028 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 75 Resp: 166688
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3
39 44.8 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 49.766 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 79118

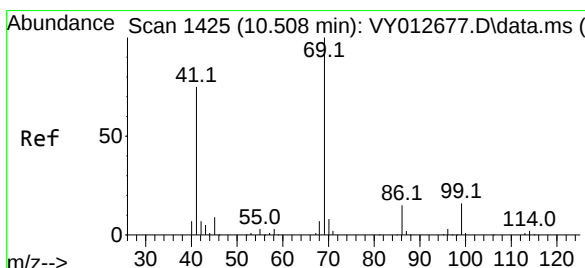
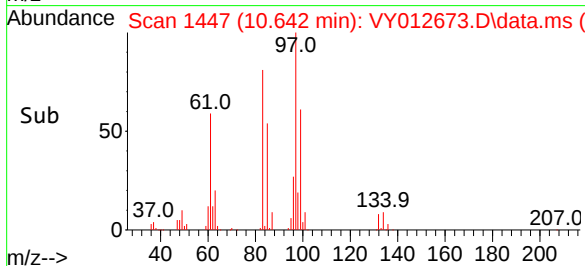
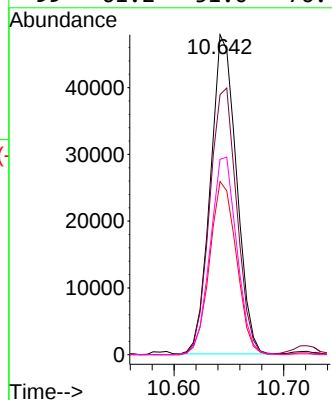
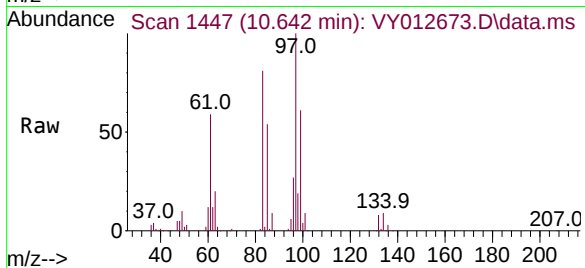
Ion Ratio Lower Upper

97 100

83 81.5 73.1 109.7

85 54.2 46.1 69.1

99 61.2 51.0 76.4



#56

Ethyl methacrylate

Concen: 52.850 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

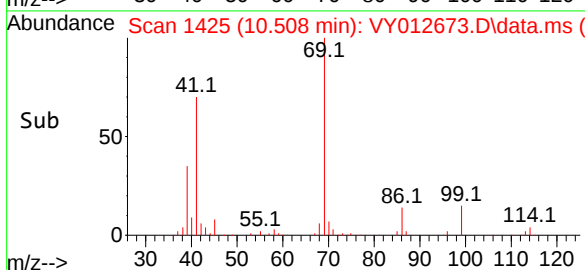
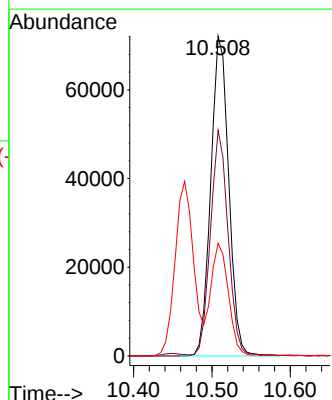
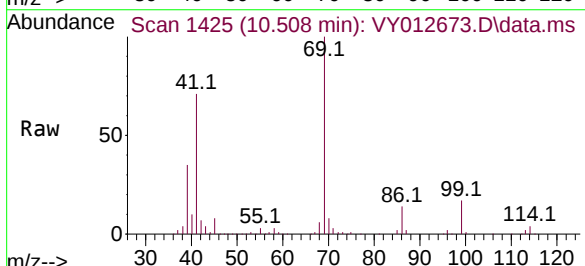
Tgt Ion: 69 Resp: 114745

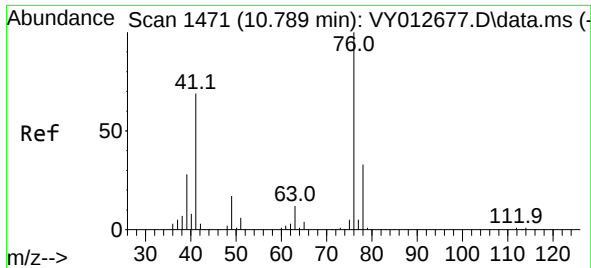
Ion Ratio Lower Upper

69 100

41 69.2 60.2 90.4

39 33.8 32.4 48.6

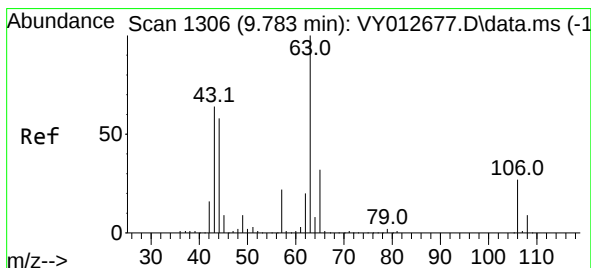
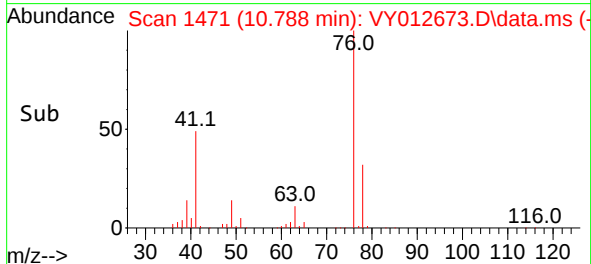
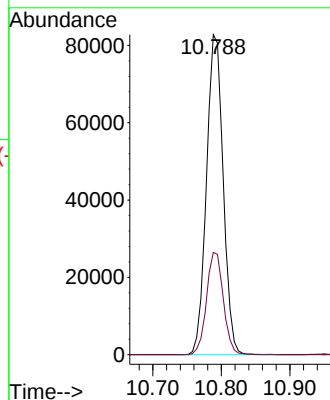
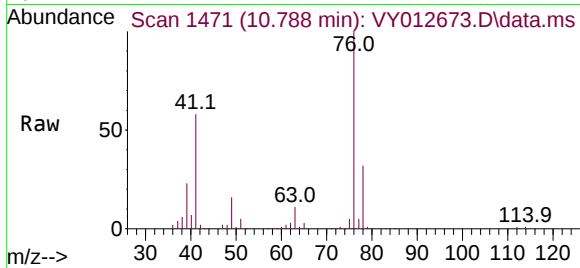




#57
1,3-Dichloropropane
Concen: 50.289 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

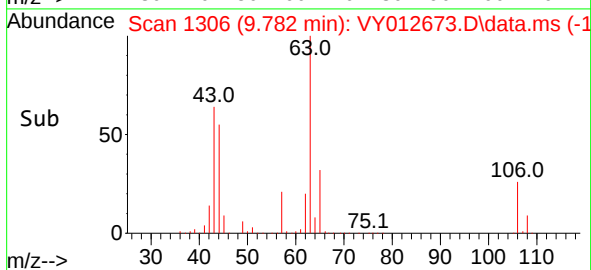
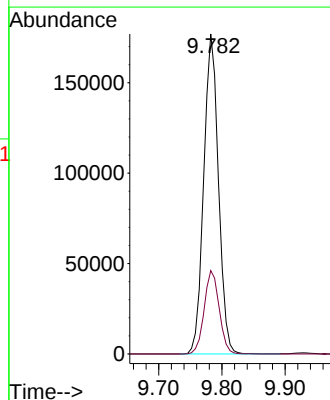
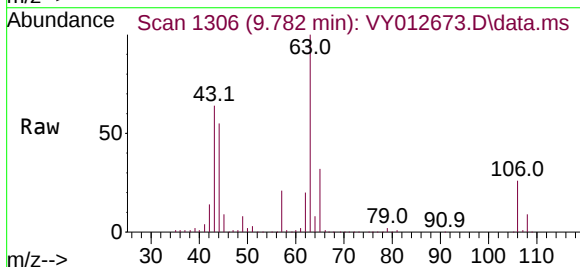
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

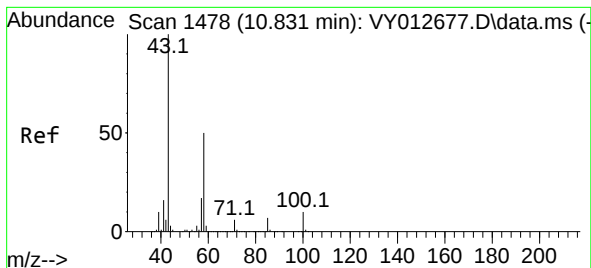
Tgt Ion: 76 Resp: 140520
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 249.875 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 63 Resp: 286989
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.6

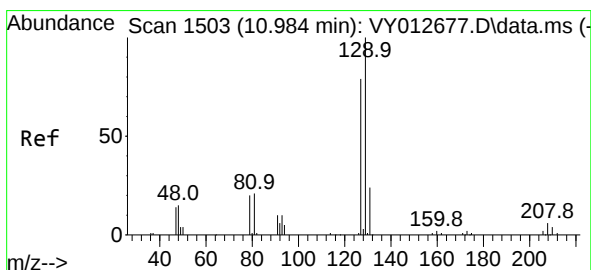
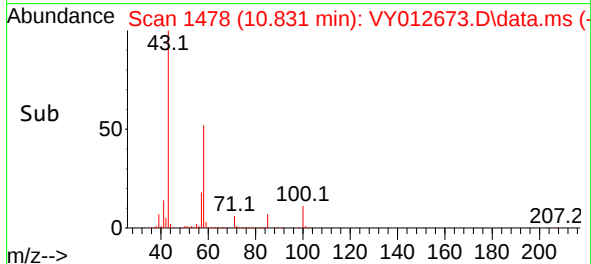
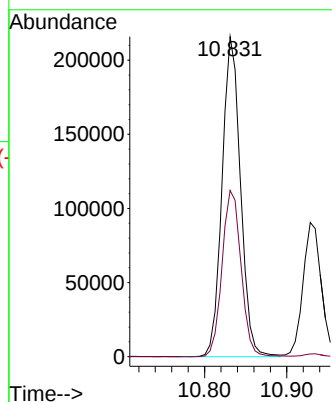
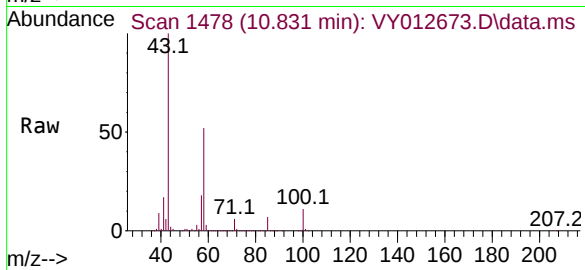




#59
2-Hexanone
Concen: 255.198 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

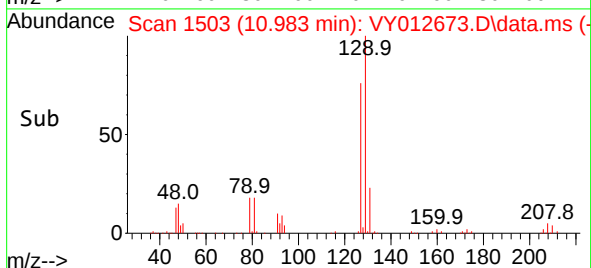
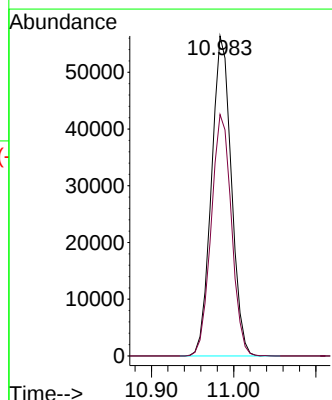
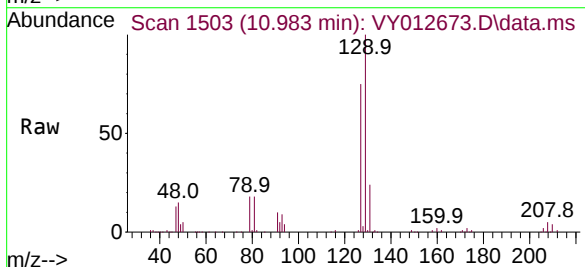
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

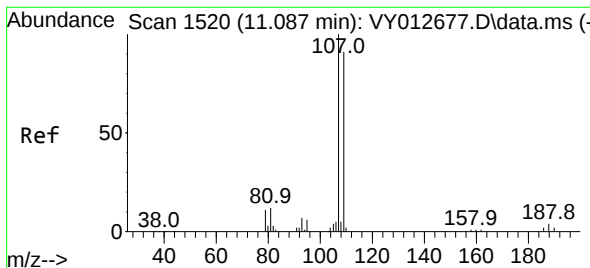
Tgt Ion: 43 Resp: 336039
Ion Ratio Lower Upper
43 100
58 53.6 24.9 74.6



#60
Dibromochloromethane
Concen: 49.258 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 129 Resp: 94876
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3

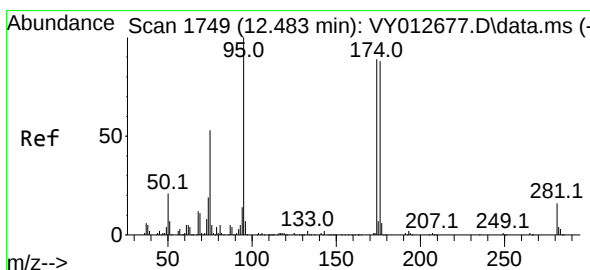
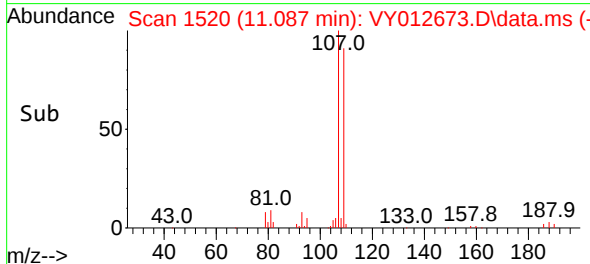
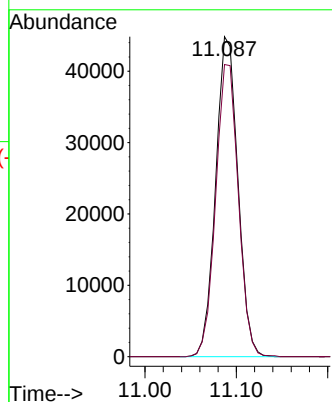
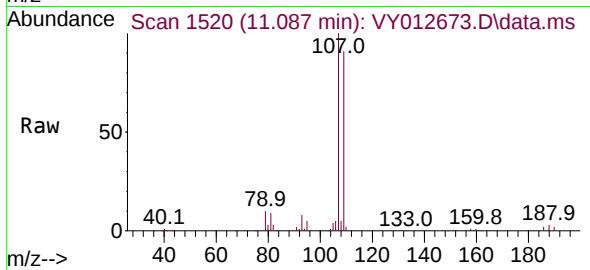




#61
1,2-Dibromoethane
Concen: 49.804 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

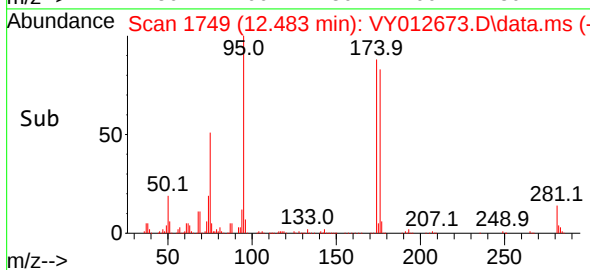
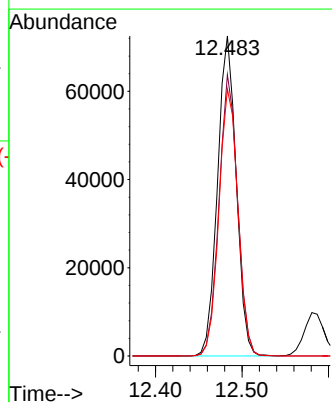
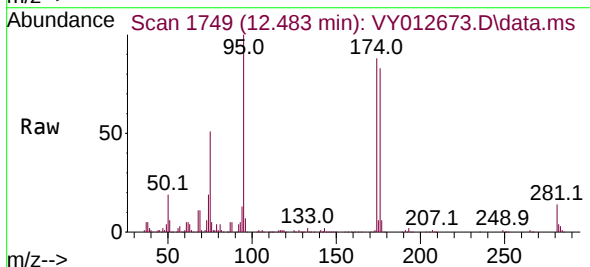
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

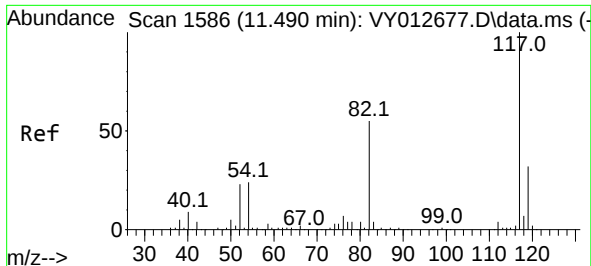
Tgt Ion:107 Resp: 75858
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 48.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 95 Resp: 108719
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.8
176 84.6 0.0 169.4

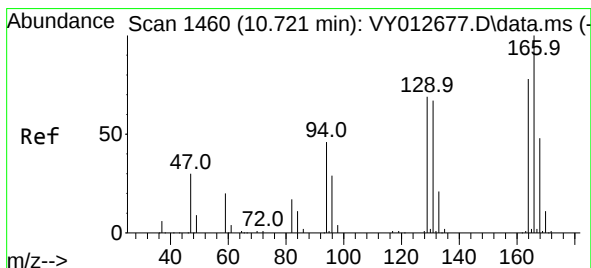
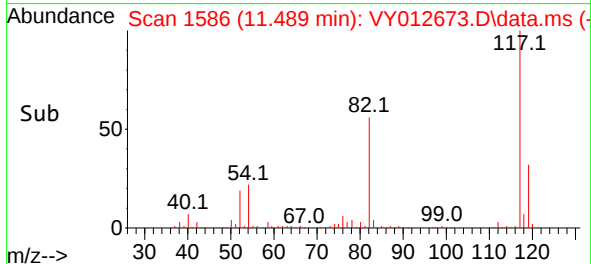
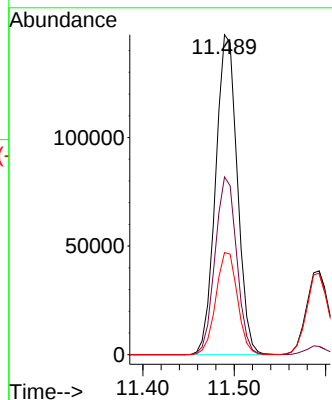
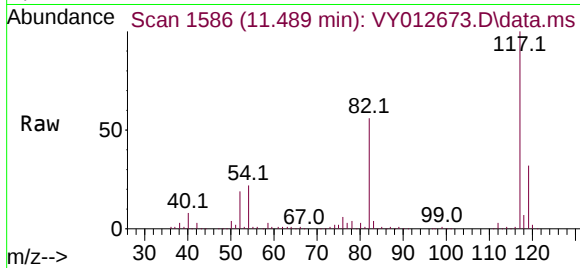




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

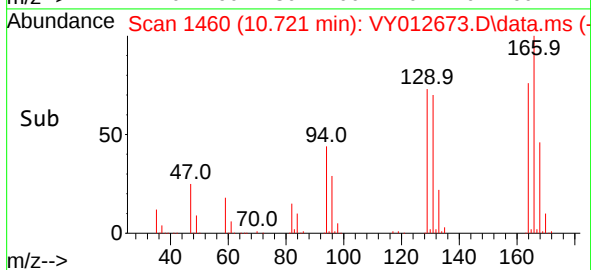
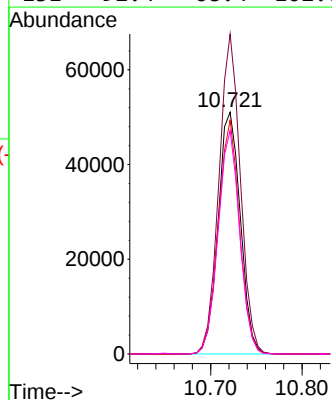
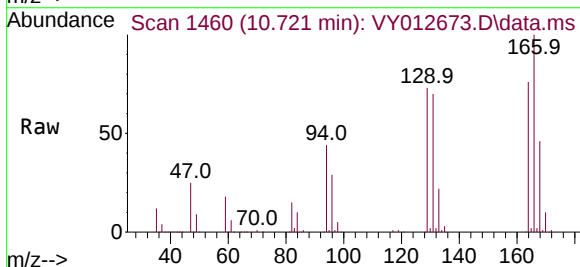
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

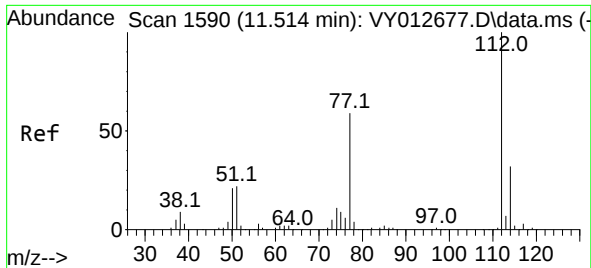
Tgt Ion:117 Resp: 243120
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 48.851 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion:164 Resp: 86378
Ion Ratio Lower Upper
164 100
166 132.3 102.2 153.4
129 96.7 71.0 106.6
131 92.4 68.4 102.6

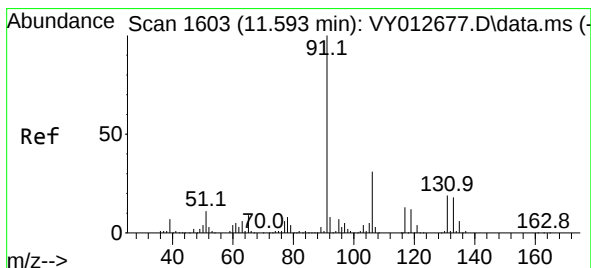
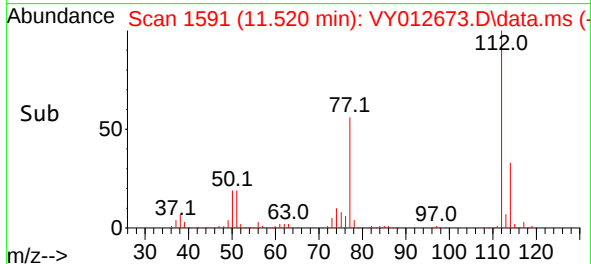
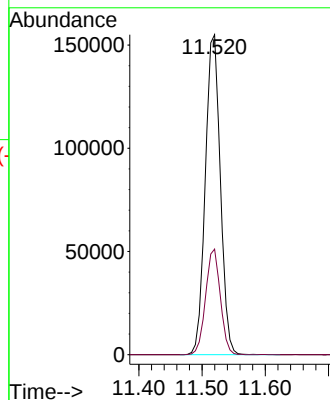
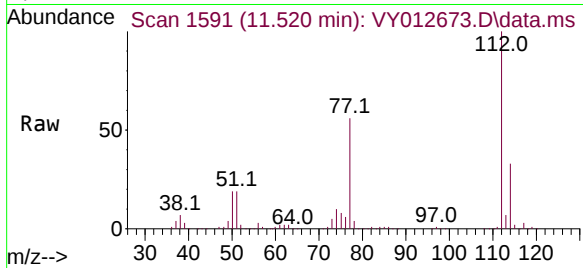




#65
Chlorobenzene
Concen: 49.219 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

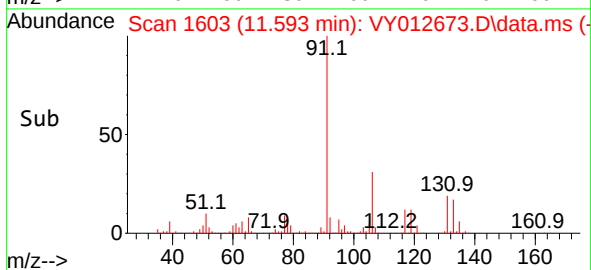
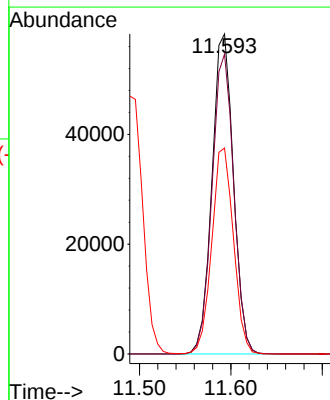
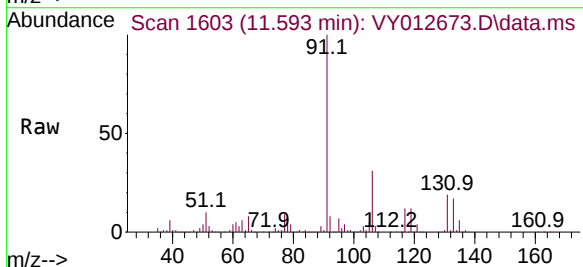
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

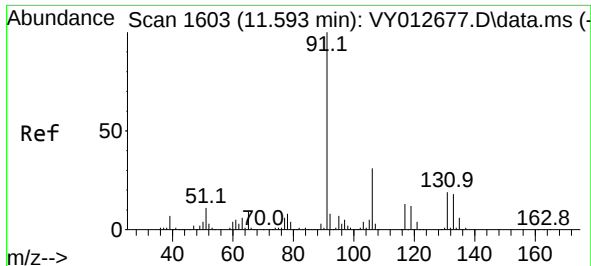
Tgt Ion:112 Resp: 256604
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.287 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion:131 Resp: 95227
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 65.1 32.4 97.2





#67

Ethyl Benzene

Concen: 51.250 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

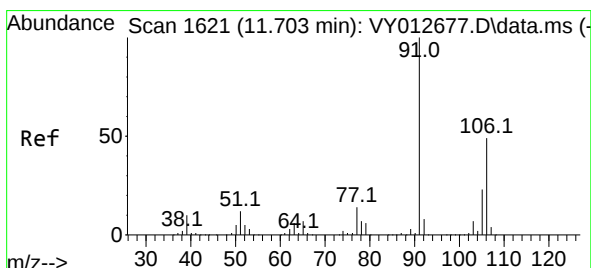
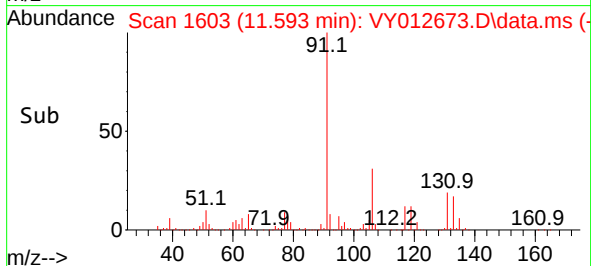
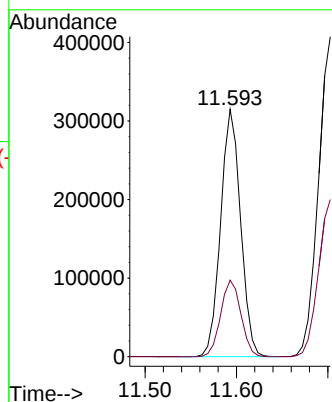
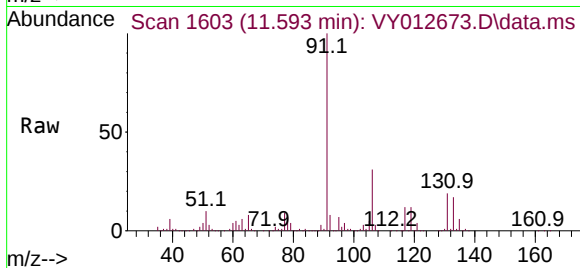
VSTDCCC050

Tgt Ion: 91 Resp: 477605

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 103.362 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012673.D

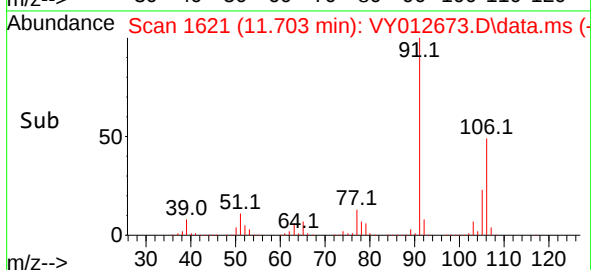
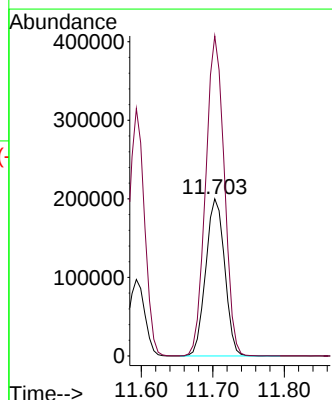
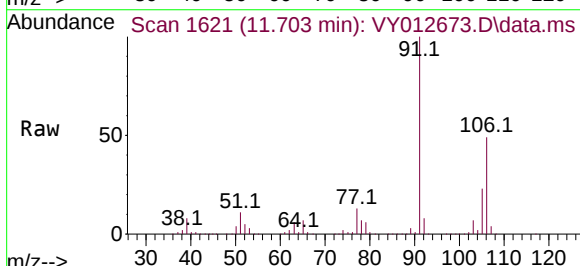
Acq: 21 Feb 2023 14:21

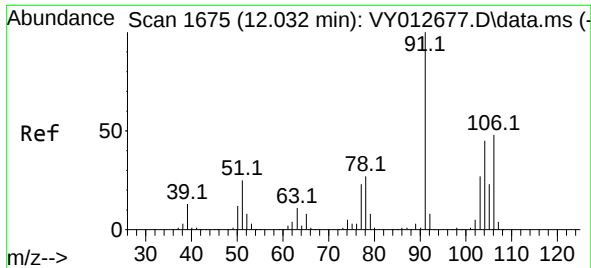
Tgt Ion:106 Resp: 367444

Ion Ratio Lower Upper

106 100

91 200.3 163.2 244.8

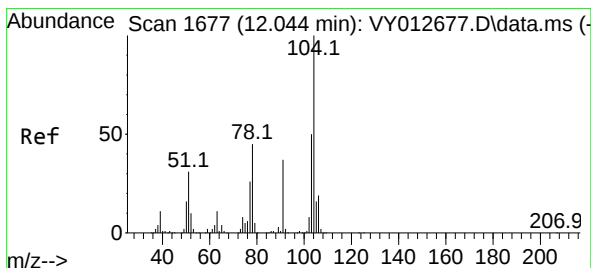
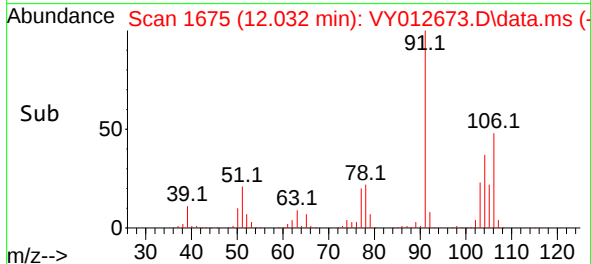
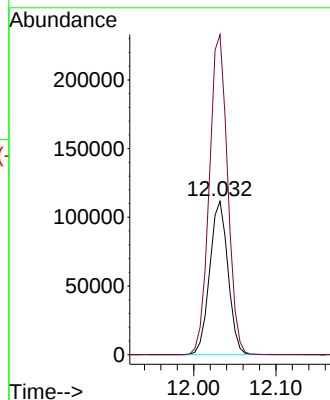
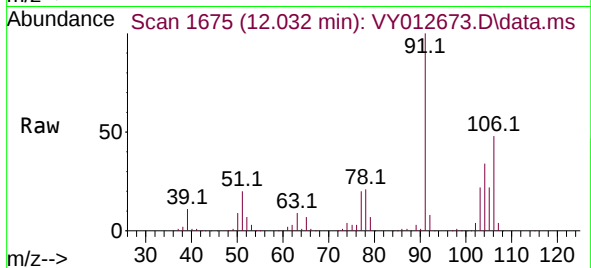




#69
o-Xylene
Concen: 52.284 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

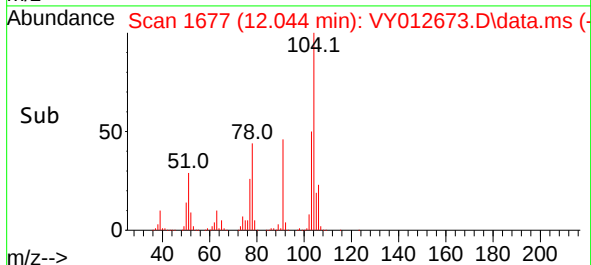
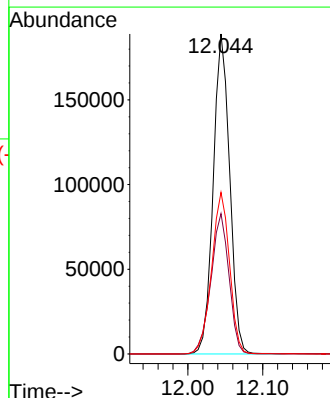
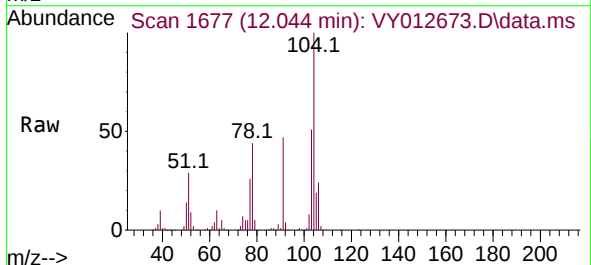
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

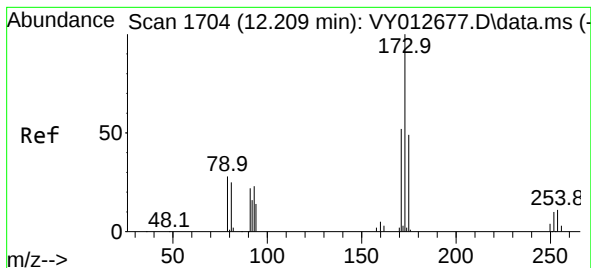
Tgt Ion:106 Resp: 172154
Ion Ratio Lower Upper
106 100
91 209.3 106.3 319.0



#70
Styrene
Concen: 52.445 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion:104 Resp: 289432
Ion Ratio Lower Upper
104 100
78 48.0 40.6 61.0
103 54.9 44.1 66.1





#71

Bromoform

Concen: 49.150 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

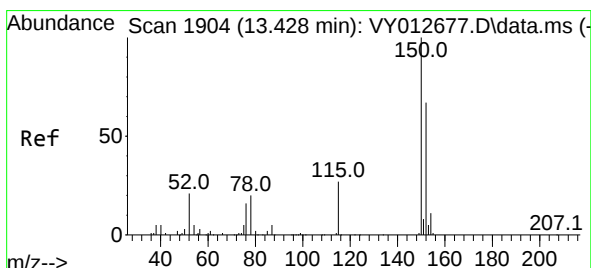
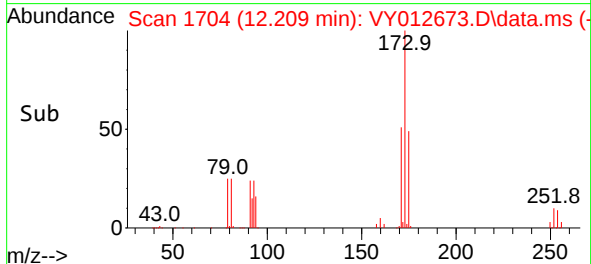
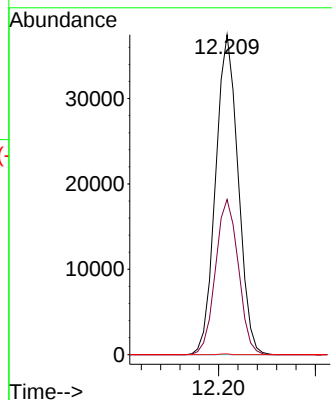
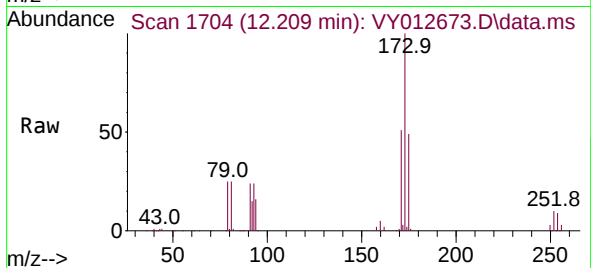
Tgt Ion:173 Resp: 60596

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

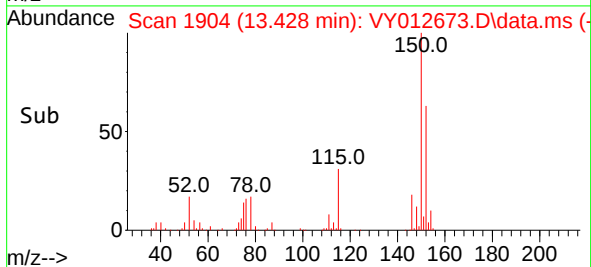
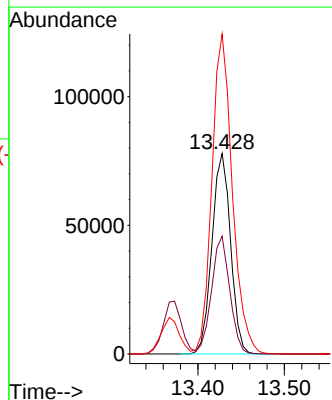
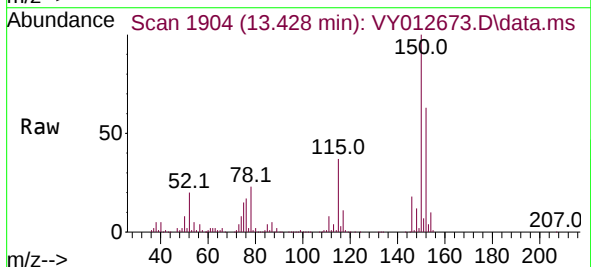
Tgt Ion:152 Resp: 116499

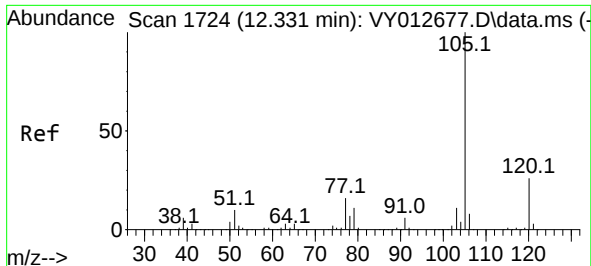
Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 174.9 0.0 347.6

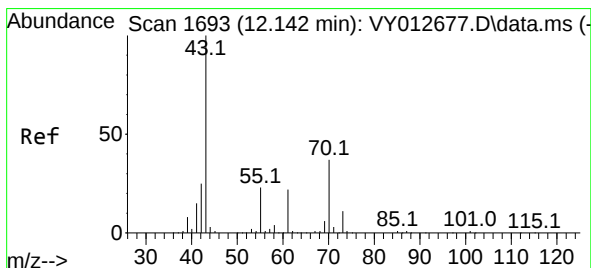
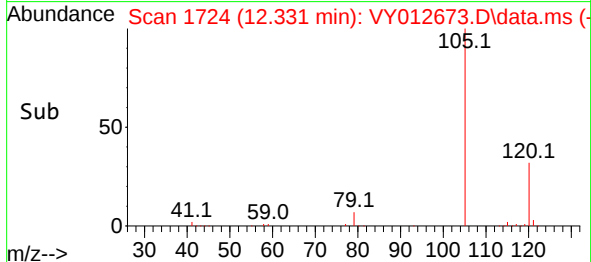
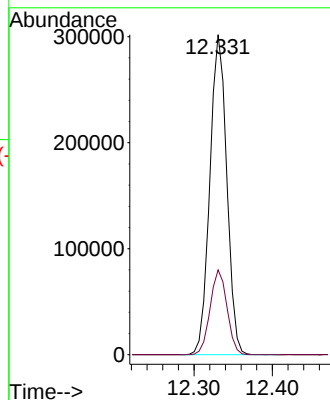
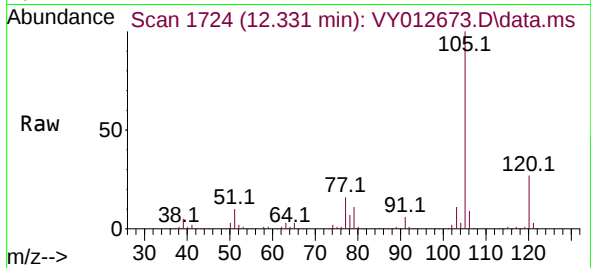




#73
Isopropylbenzene
Concen: 52.501 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

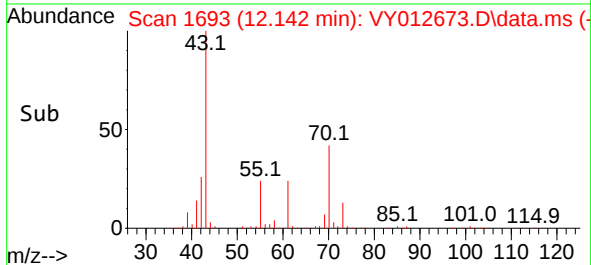
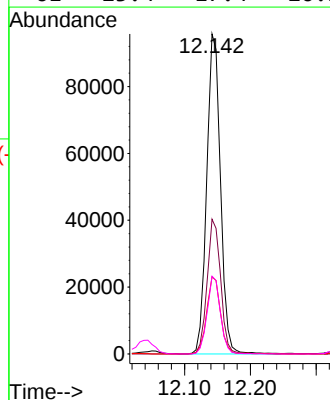
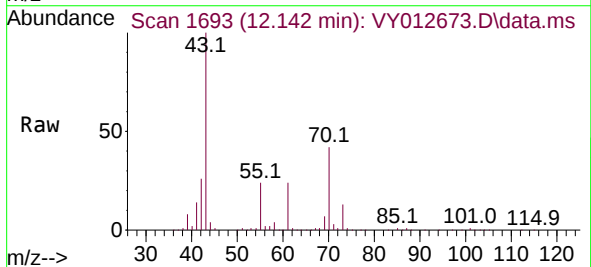
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

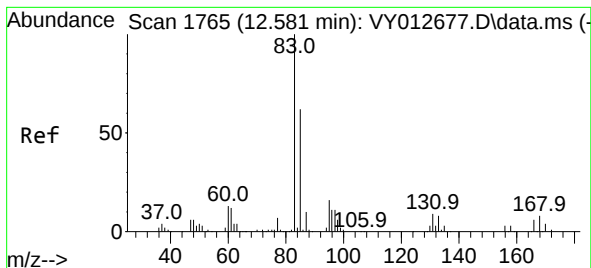
Tgt Ion:105 Resp: 451986
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 49.204 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 43 Resp: 139250
Ion Ratio Lower Upper
43 100
70 41.3 29.8 44.6
55 24.3 18.2 27.2
61 23.4 17.4 26.2

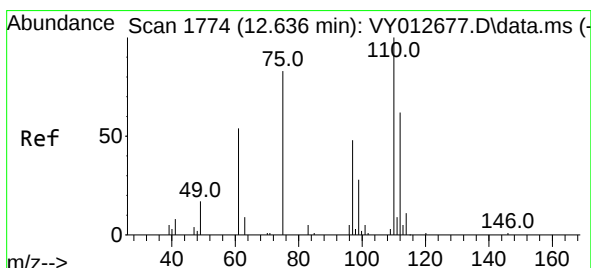
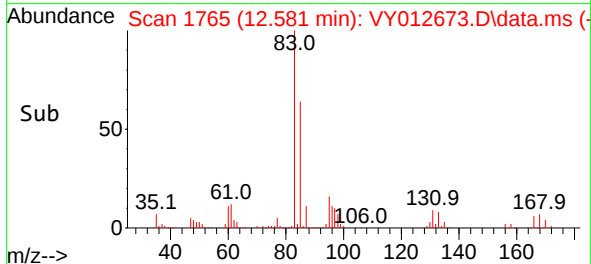
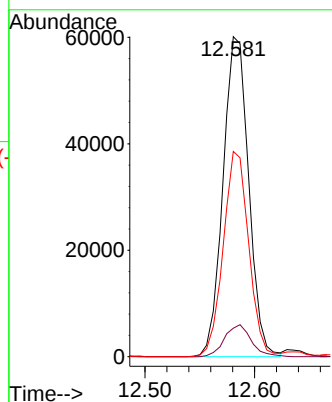
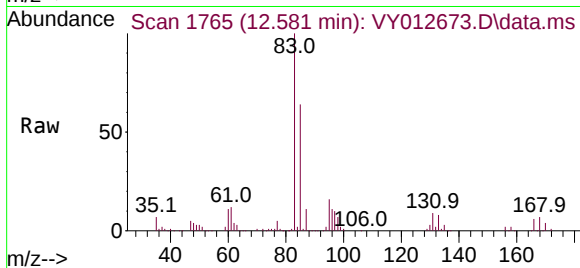




#75
1,1,2,2-Tetrachloroethane
Concen: 50.475 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

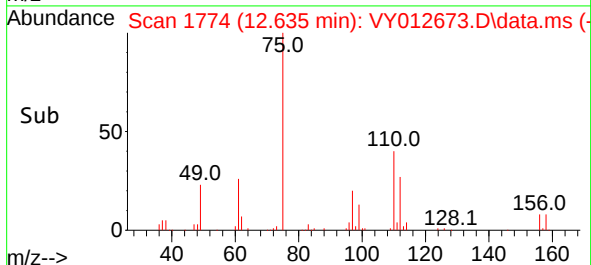
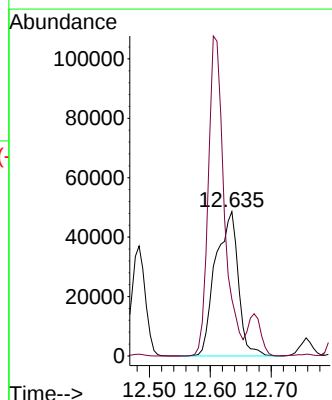
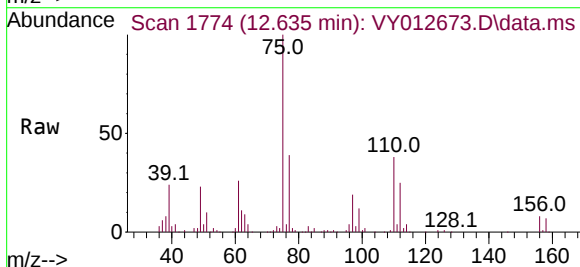
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

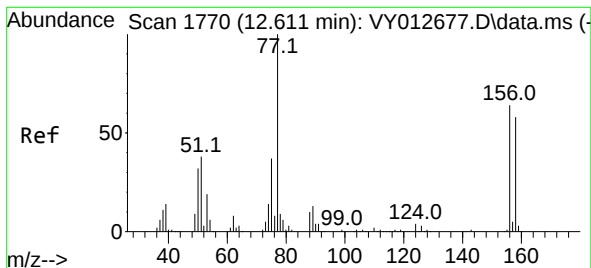
Tgt Ion: 83 Resp: 97705
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.7 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 86.849 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 75 Resp: 126135
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.495 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

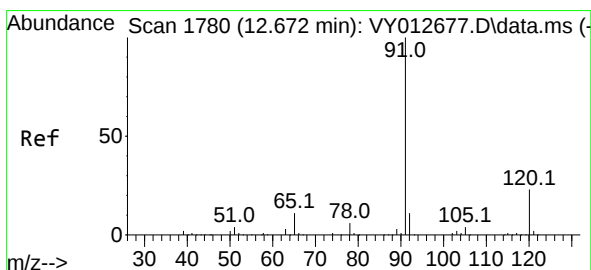
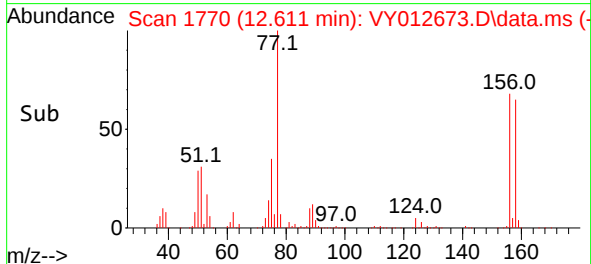
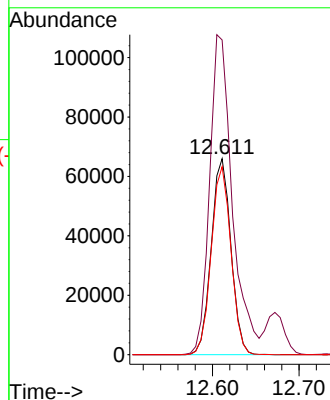
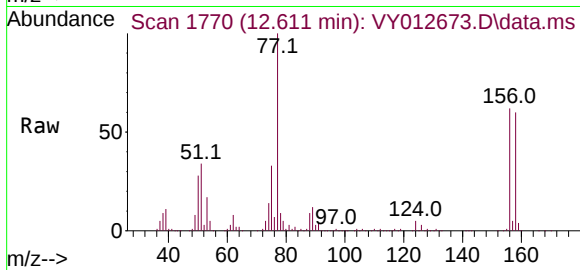
Tgt Ion:156 Resp: 104164

Ion Ratio Lower Upper

156 100

77 188.3 96.3 288.8

158 95.9 48.5 145.6



#78

n-propylbenzene

Concen: 51.639 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012673.D

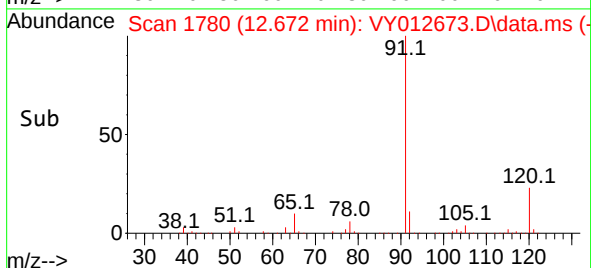
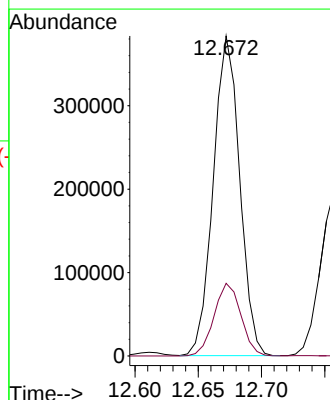
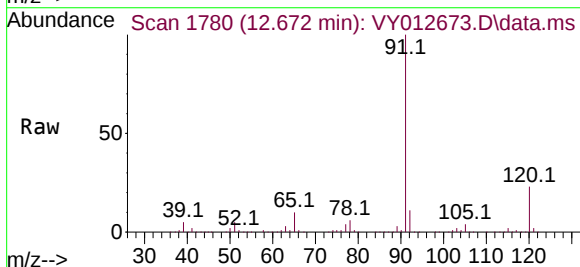
Acq: 21 Feb 2023 14:21

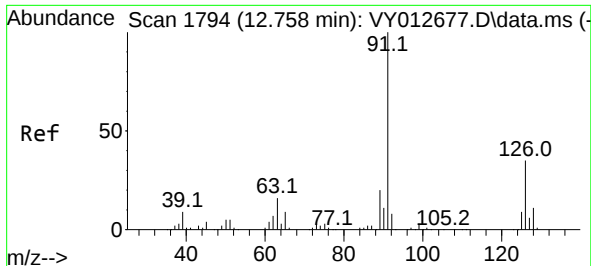
Tgt Ion: 91 Resp: 556074

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.8

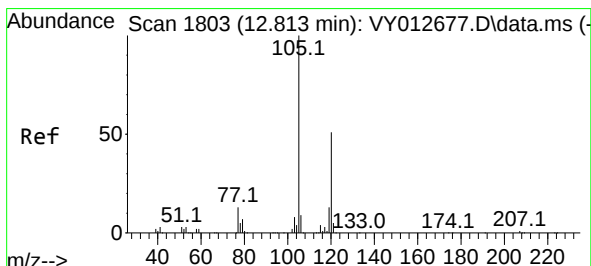
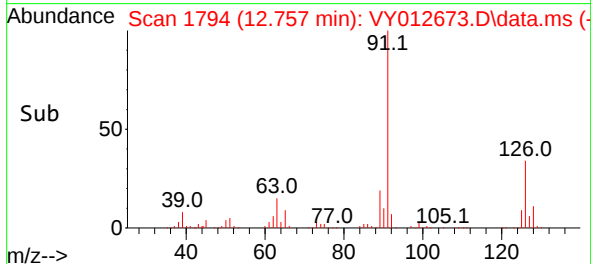
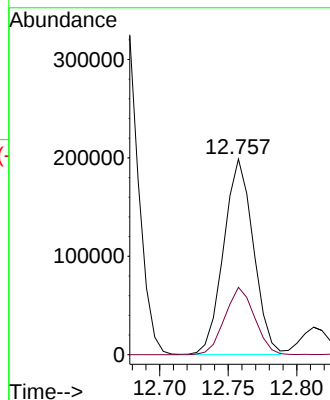
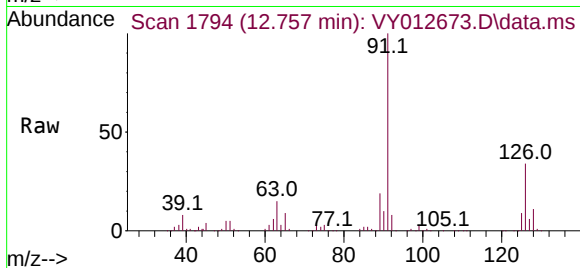




#79
2-Chlorotoluene
Concen: 50.109 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

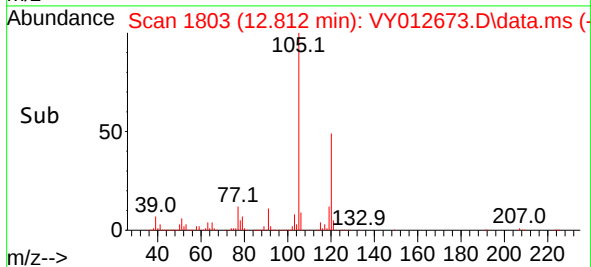
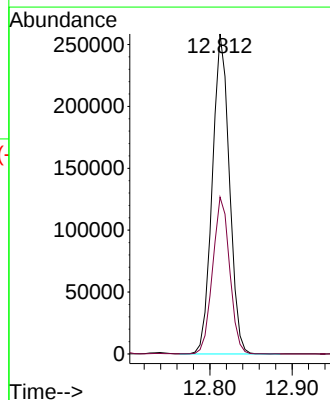
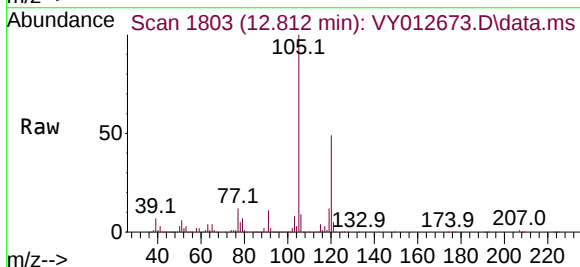
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

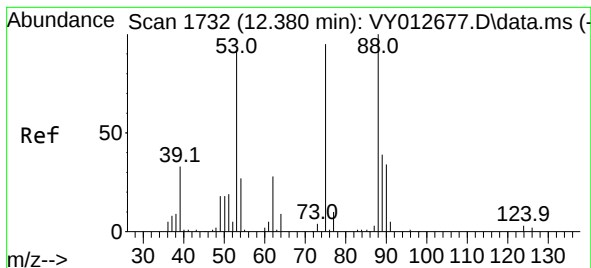
Tgt Ion: 91 Resp: 299775
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.758 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 105 Resp: 372214
Ion Ratio Lower Upper
105 100
120 48.9 24.7 74.1

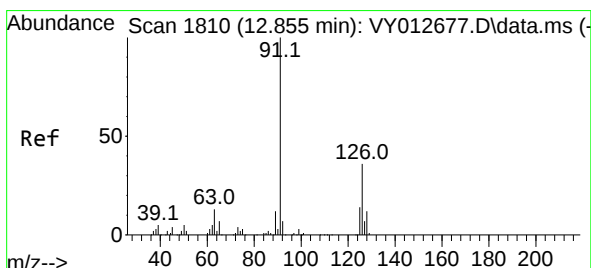
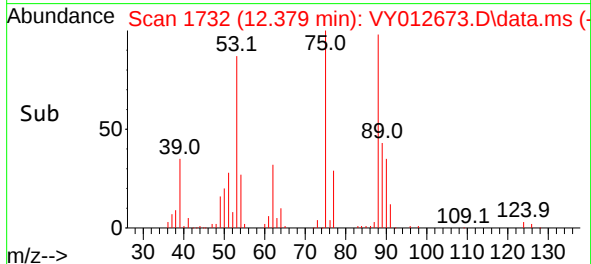
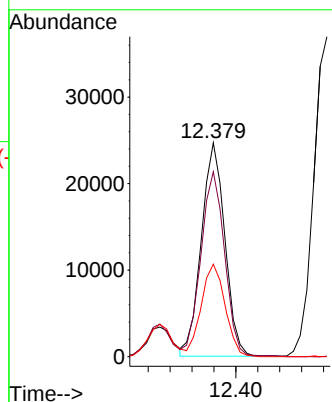
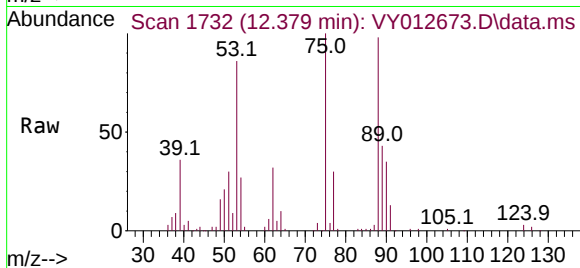




#81
trans-1,4-Dichloro-2-butene
Concen: 53.555 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

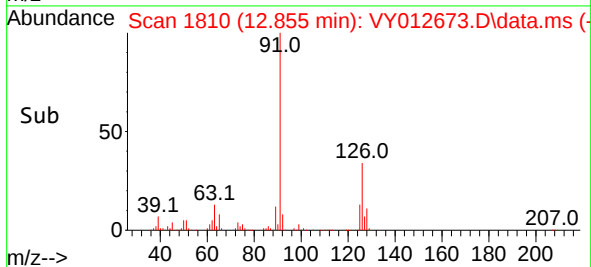
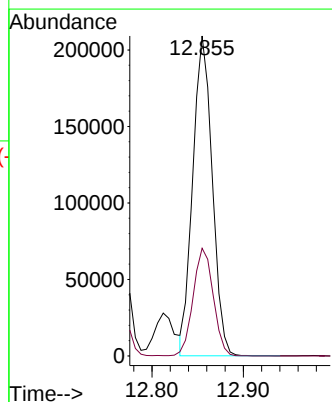
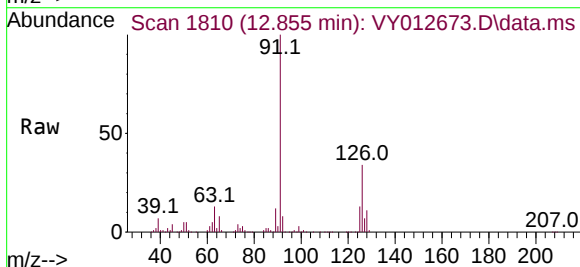
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

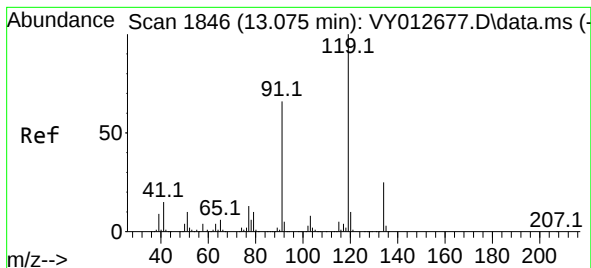
Tgt Ion: 75 Resp: 36715
Ion Ratio Lower Upper
75 100
53 88.1 80.4 120.6
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.844 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 91 Resp: 309270
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5





#83

tert-Butylbenzene

Concen: 51.724 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

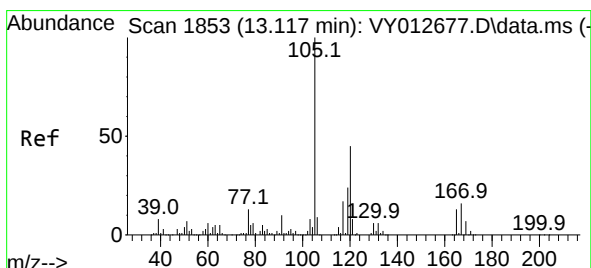
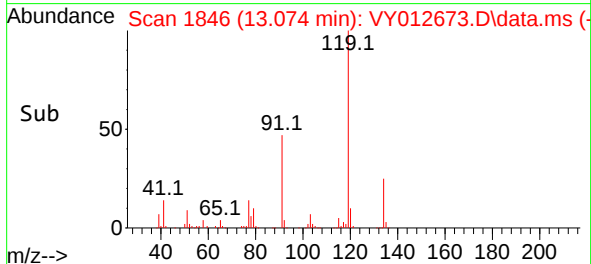
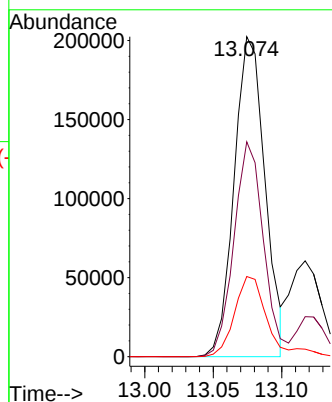
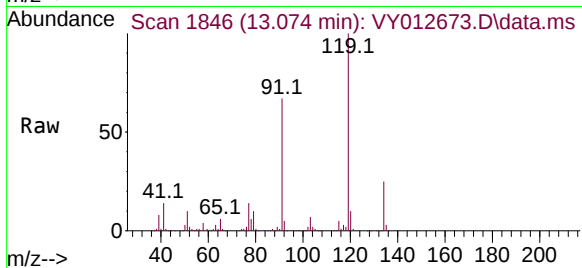
Tgt Ion:119 Resp: 317628

Ion Ratio Lower Upper

119 100

91 64.6 32.4 97.2

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.237 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012673.D

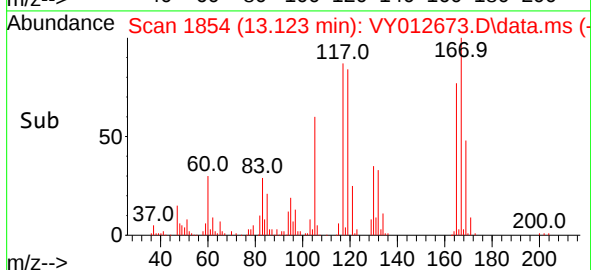
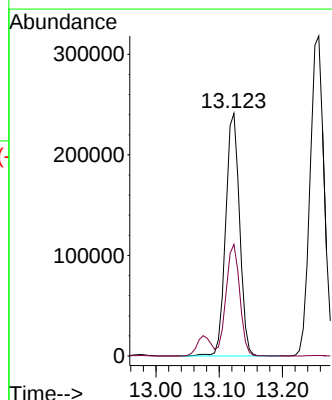
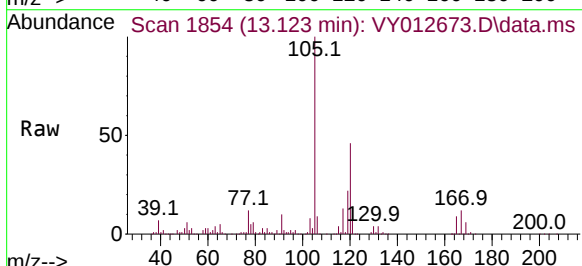
Acq: 21 Feb 2023 14:21

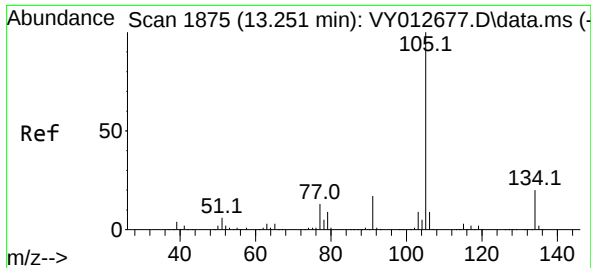
Tgt Ion:105 Resp: 367231

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.0

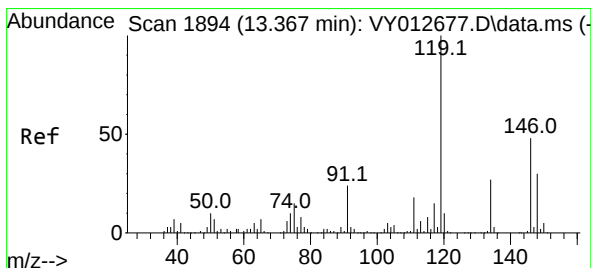
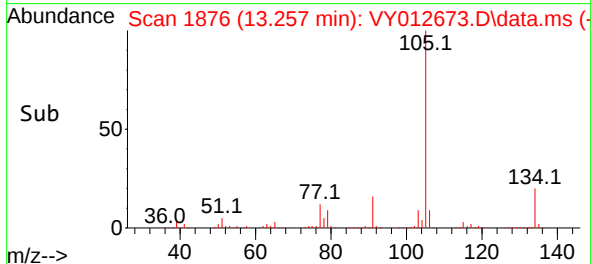
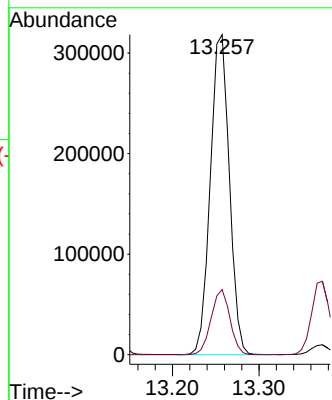
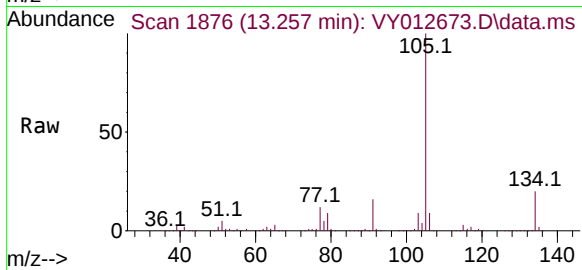




#85
 sec-Butylbenzene
 Concen: 52.048 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012673.D
 Acq: 21 Feb 2023 14:21

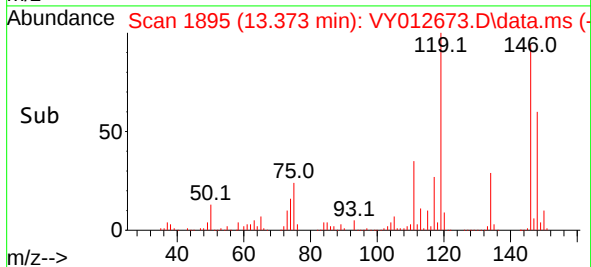
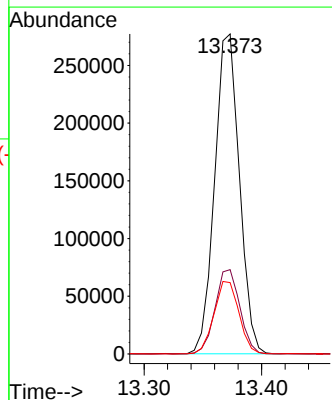
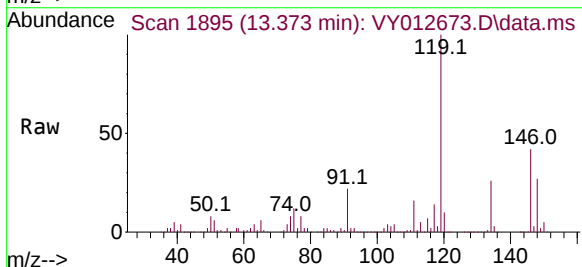
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

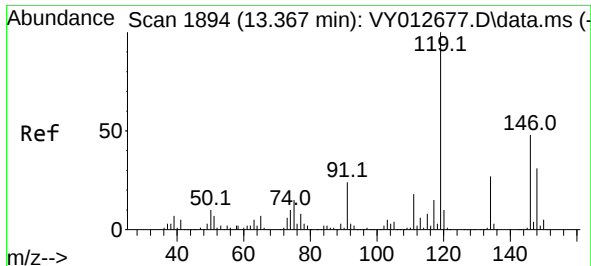
Tgt Ion:105 Resp: 486297
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.642 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012673.D
 Acq: 21 Feb 2023 14:21

Tgt Ion:119 Resp: 405070
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.959 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

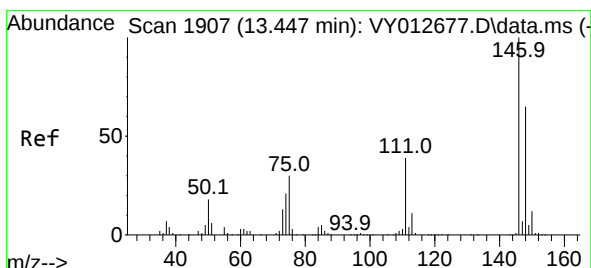
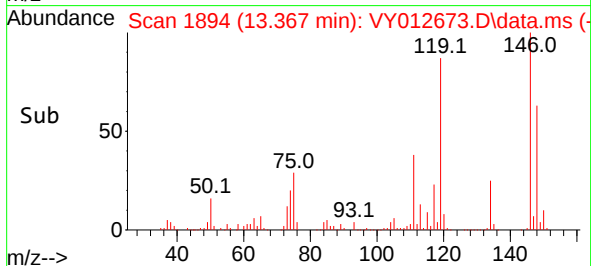
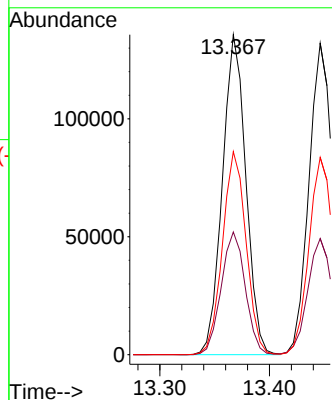
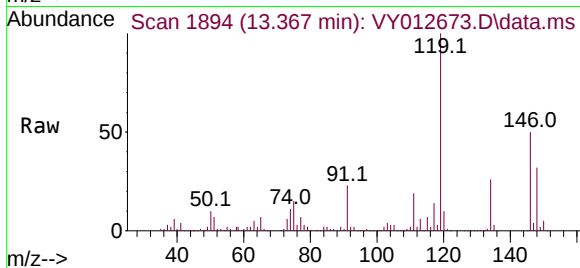
Tgt Ion:146 Resp: 201852

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 63.9 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 49.106 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

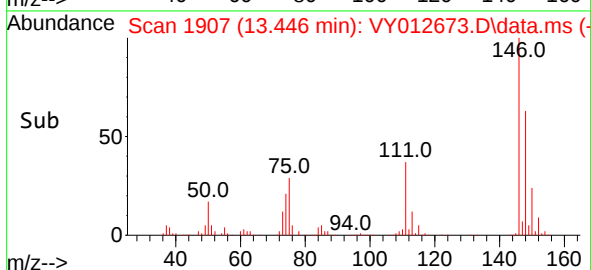
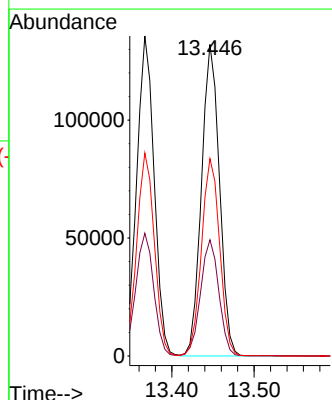
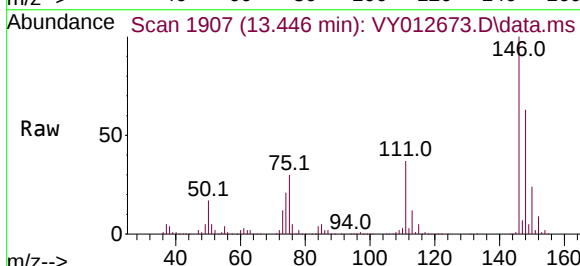
Tgt Ion:146 Resp: 201200

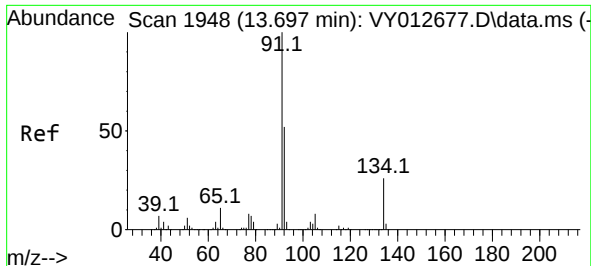
Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.3

148 63.8 32.0 96.0

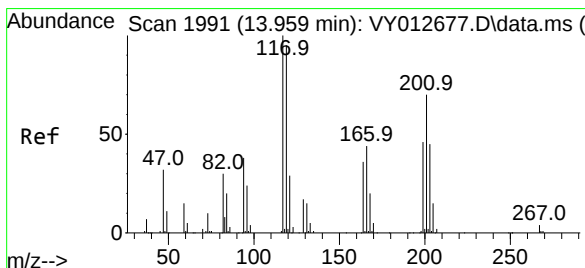
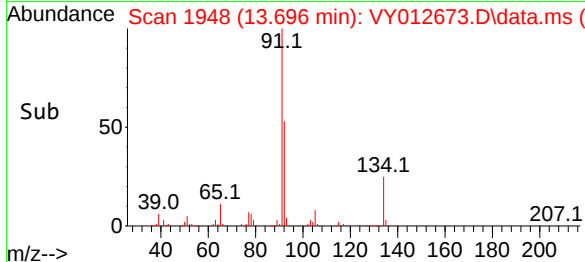
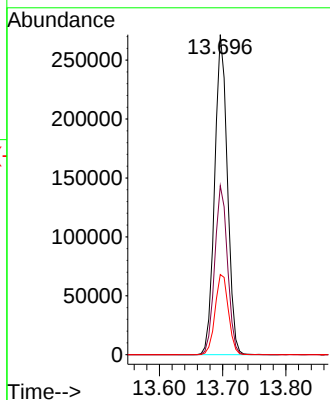
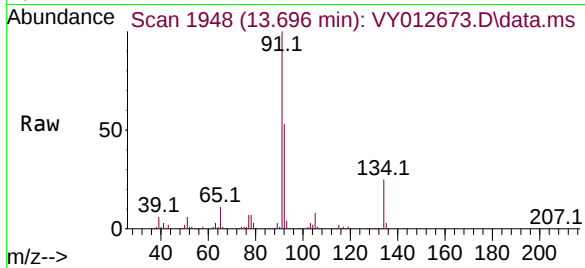




#89
n-Butylbenzene
Concen: 51.406 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

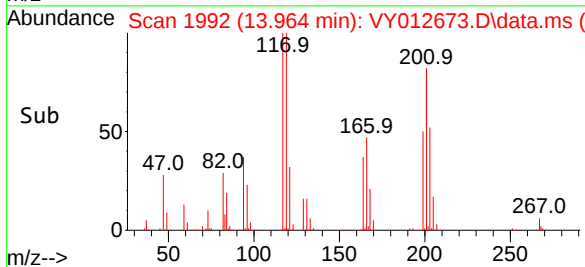
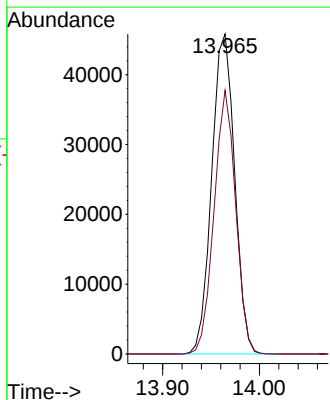
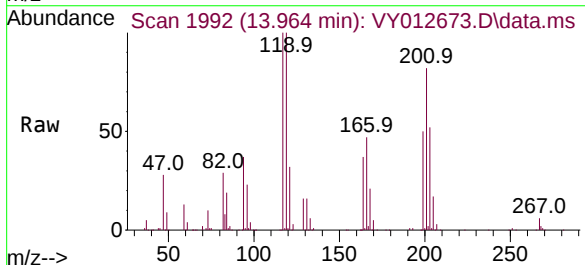
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

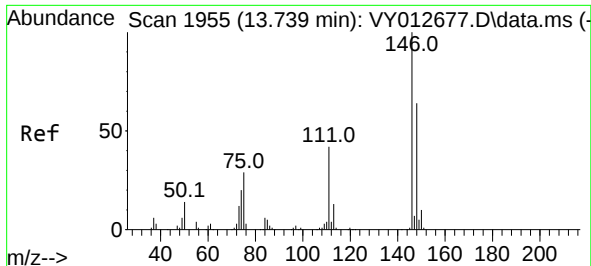
Tgt Ion: 91 Resp: 378820
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 48.382 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 117 Resp: 75552
Ion Ratio Lower Upper
117 100
201 77.6 38.3 114.8

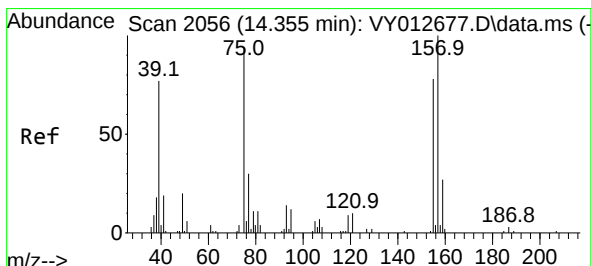
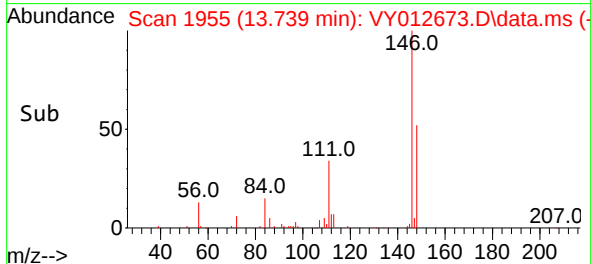
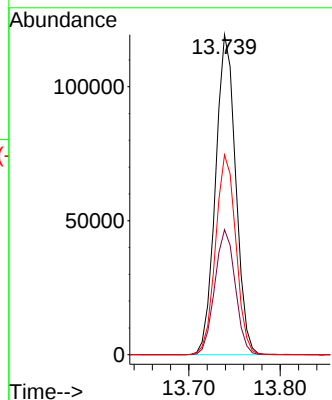
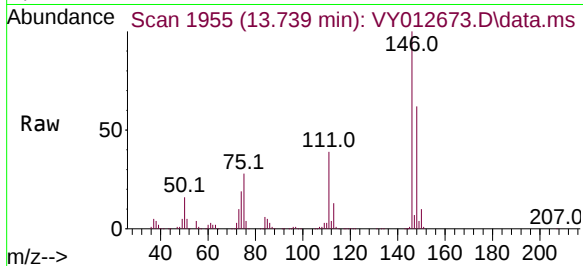




#91
1,2-Dichlorobenzene
Concen: 50.736 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

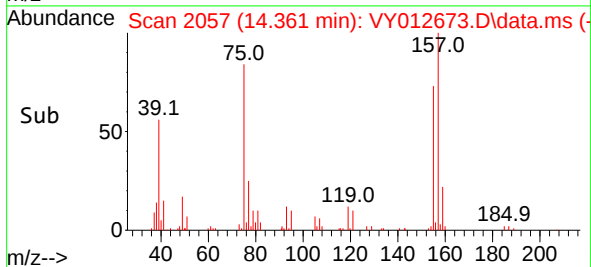
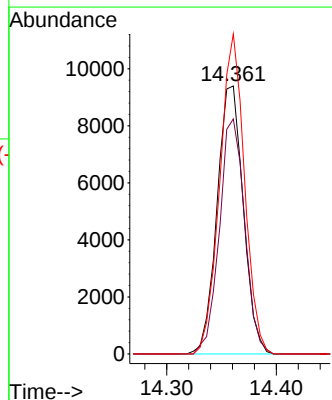
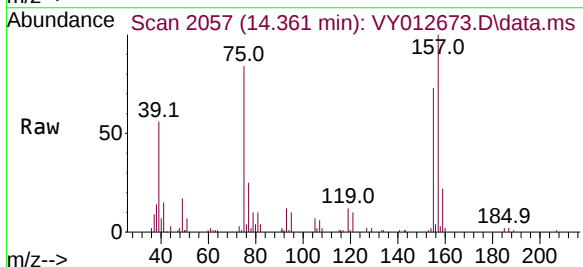
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

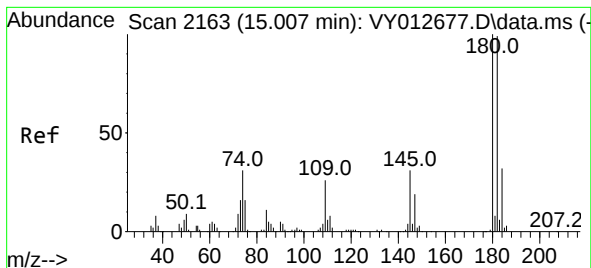
Tgt Ion:146 Resp: 183078
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 63.1 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.030 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012673.D
Acq: 21 Feb 2023 14:21

Tgt Ion: 75 Resp: 15601
Ion Ratio Lower Upper
75 100
155 84.7 43.6 130.8
157 112.7 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 49.325 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

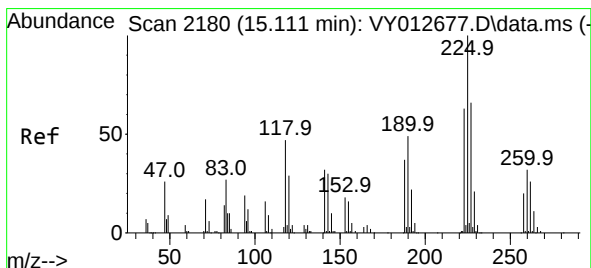
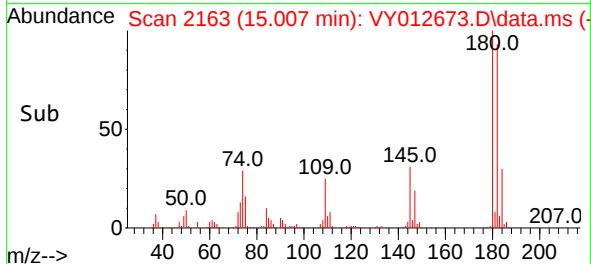
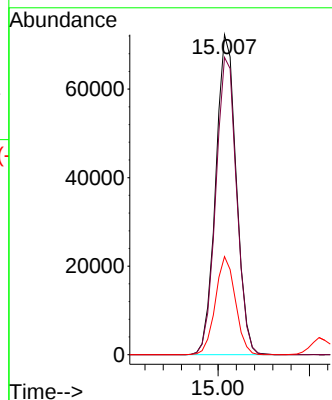
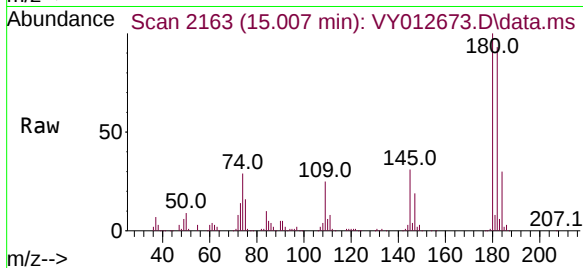
Tgt Ion:180 Resp: 112566

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.2

145 29.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 46.428 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

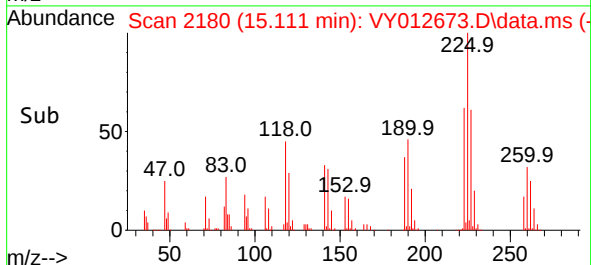
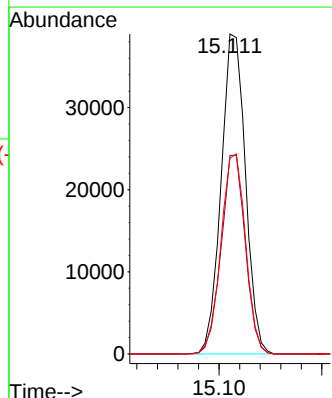
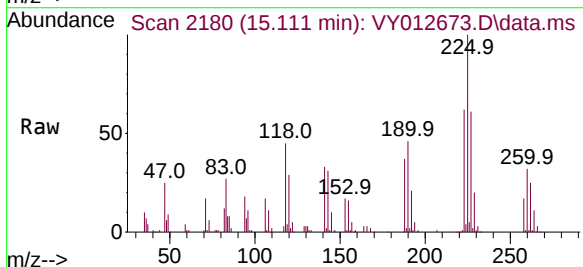
Tgt Ion:225 Resp: 63947

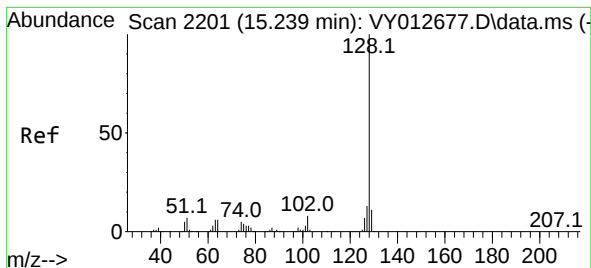
Ion Ratio Lower Upper

225 100

223 61.6 31.7 95.1

227 63.1 32.3 96.8





#95

Naphthalene

Concen: 53.728 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

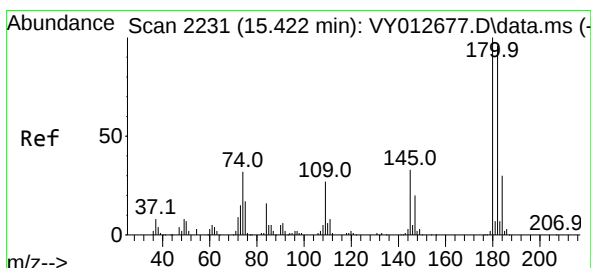
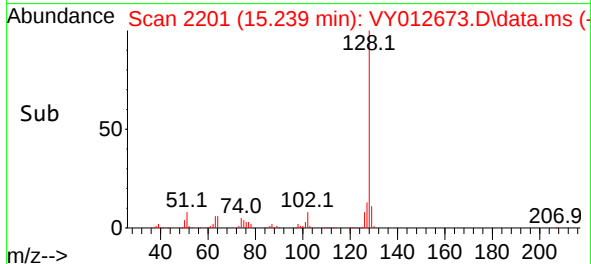
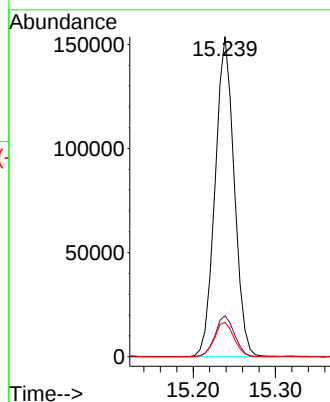
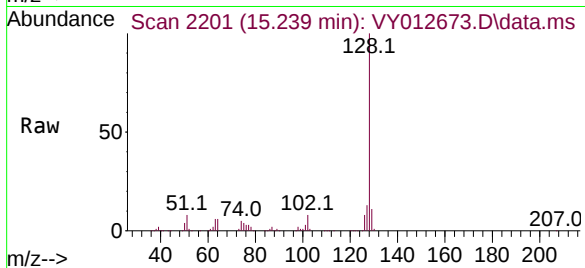
Tgt Ion:128 Resp: 247759

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 49.663 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012673.D

Acq: 21 Feb 2023 14:21

Tgt Ion:180 Resp: 100320

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.6

145 31.7 16.1 48.2

