

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012021.D
 Acq On : 29 Dec 2022 11:56
 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: Dec 30 03:50:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98390	49.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.716	113	91329	51.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.179	98	357882	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.483	95	126423	52.272	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	77729	49.827	ug/l	97
3) Chloromethane	2.119	50	72085	41.403	ug/l	98
4) Vinyl Chloride	2.253	62	84887	44.211	ug/l	96
5) Bromomethane	2.656	94	60902	44.584	ug/l	100
6) Chloroethane	2.796	64	57013	45.428	ug/l	100
7) Trichlorofluoromethane	3.131	101	169466	50.419	ug/l	97
8) Diethyl Ether	3.533	74	49288	47.526	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	90837	49.094	ug/l	97
10) Methyl Iodide	4.094	142	127883	49.955	ug/l	95
11) Tert butyl alcohol	4.948	59	37469	184.736	ug/l	97
12) 1,1-Dichloroethene	3.875	96	88885	48.025	ug/l	99
13) Acrolein	3.735	56	32979	179.006	ug/l	100
14) Allyl chloride	4.485	41	124242	45.584	ug/l	93
15) Acrylonitrile	5.167	53	117793	244.169	ug/l	100
16) Acetone	3.948	43	129306	220.344	ug/l	99
17) Carbon Disulfide	4.198	76	236459	40.051	ug/l	99
18) Methyl Acetate	4.472	43	60113	44.141	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	249139	52.463	ug/l	97
20) Methylene Chloride	4.716	84	102908	44.747	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	100313	47.700	ug/l	95
22) Diisopropyl ether	6.118	45	262017	48.811	ug/l	95
23) Vinyl Acetate	6.064	43	760509	246.246	ug/l	96
24) 1,1-Dichloroethane	6.021	63	167558	48.021	ug/l	99
25) 2-Butanone	6.984	43	151565	230.865	ug/l	95
26) 2,2-Dichloropropane	6.984	77	172964	50.658	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	113310	49.817	ug/l	96
28) Bromochloromethane	7.332	49	39634	41.393	ug/l	87
29) Tetrahydrofuran	7.350	42	85593	230.112	ug/l	92
30) Chloroform	7.508	83	191732	50.980	ug/l	99
31) Cyclohexane	7.789	56	138907	41.867	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	184843	51.673	ug/l	98
36) 1,1-Dichloropropene	7.917	75	136918	48.159	ug/l	98
37) Ethyl Acetate	7.076	43	60624	47.528	ug/l #	95
38) Carbon Tetrachloride	7.905	117	172417	52.510	ug/l	95
39) Methylcyclohexane	9.185	83	163436	47.775	ug/l	97
40) Benzene	8.161	78	397539	48.860	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	31558m	51.163	ug/l	
42) 1,2-Dichloroethane	8.240	62	121913	52.050	ug/l	99
43) Isopropyl Acetate	8.270	43	114486	49.144	ug/l	96
44) Trichloroethene	8.941	130	113822	49.632	ug/l	100
45) 1,2-Dichloropropane	9.215	63	90656	48.224	ug/l	100
46) Dibromomethane	9.307	93	55145	50.926	ug/l	99
47) Bromodichloromethane	9.496	83	142807	51.983	ug/l	98
48) Methyl methacrylate	9.295	41	52227	48.420	ug/l	93
49) 1,4-Dioxane	9.295	88	14072	1088.451	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	302402	243.443	ug/l	98
52) Toluene	10.246	92	263495	50.831	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	145130	52.282	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	158267	50.723	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	78287	50.947	ug/l	95
56) Ethyl methacrylate	10.508	69	101621	52.233	ug/l	97
57) 1,3-Dichloropropane	10.788	76	131478	51.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	165897	220.979	ug/l	94
59) 2-Hexanone	10.831	43	223636	244.719	ug/l	96
60) Dibromochloromethane	10.983	129	104794	54.136	ug/l	99
61) 1,2-Dibromoethane	11.093	107	73538	51.152	ug/l	99
64) Tetrachloroethene	10.721	164	120176	51.183	ug/l	98
65) Chlorobenzene	11.520	112	281717	50.580	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	109147	52.670	ug/l	98
67) Ethyl Benzene	11.593	91	517565	51.408	ug/l	100
68) m/p-Xylenes	11.703	106	402615	102.828	ug/l	100
69) o-Xylene	12.032	106	192067	52.721	ug/l	99
70) Styrene	12.044	104	325728	53.250	ug/l	99
71) Bromoform	12.209	173	66536	54.186	ug/l #	100
73) Isopropylbenzene	12.331	105	523694	52.108	ug/l	99
74) N-amyl acetate	12.142	43	101057	49.047	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	81534	48.630	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	70707m	41.956	ug/l	
77) Bromobenzene	12.611	156	120714	51.917	ug/l	95
78) n-propylbenzene	12.672	91	620387	51.354	ug/l	99
79) 2-Chlorotoluene	12.757	91	344840	50.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	456272	53.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	30999	50.372	ug/l	98
82) 4-Chlorotoluene	12.855	91	356568	50.749	ug/l	98
83) tert-Butylbenzene	13.074	119	400103	54.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	446412	52.736	ug/l	99
85) sec-Butylbenzene	13.257	105	567700	52.133	ug/l	98
86) p-Isopropyltoluene	13.373	119	492535	53.605	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	241225	51.587	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	236879	50.957	ug/l	99
89) n-Butylbenzene	13.696	91	437935	52.650	ug/l	99
90) Hexachloroethane	13.965	117	89140	50.845	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	212794	52.199	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15076	52.323	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	133504	55.672	ug/l	99
94) Hexachlorobutadiene	15.111	225	83166	53.672	ug/l	99
95) Naphthalene	15.239	128	253827	50.839	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	113893	56.175	ug/l	99

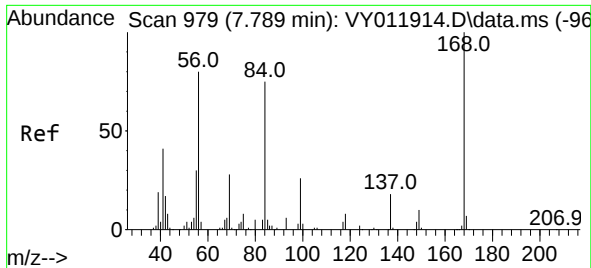
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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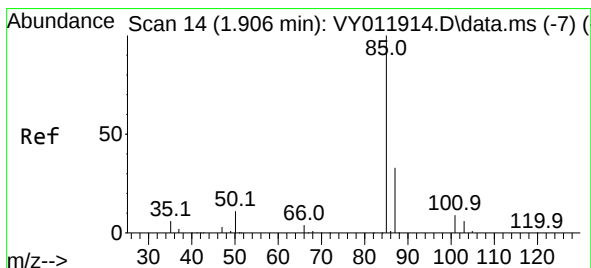
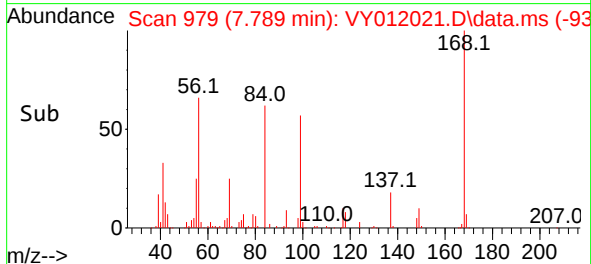
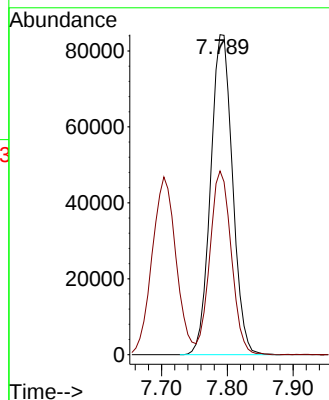
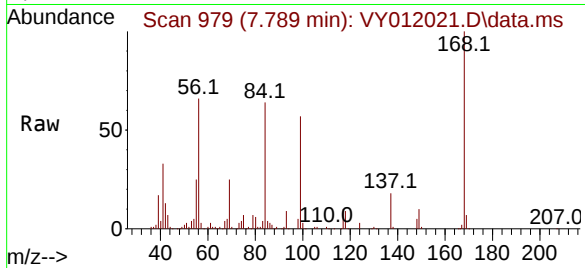
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

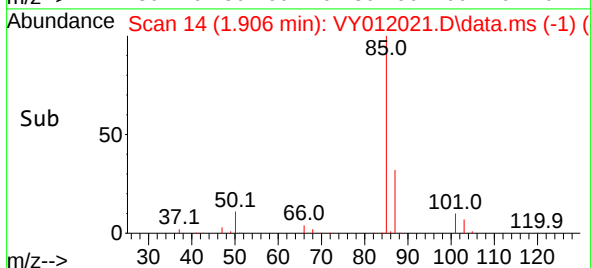
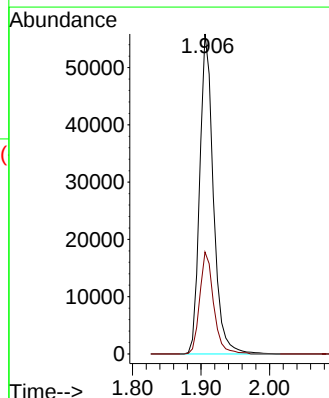
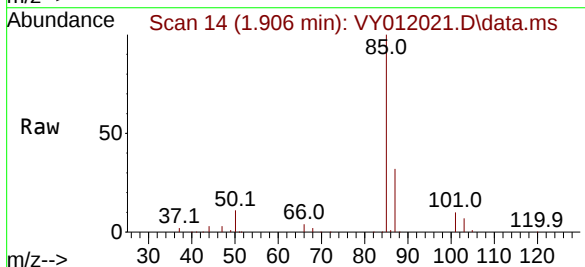
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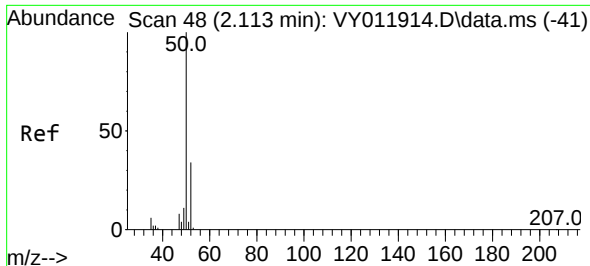
Tgt Ion:168 Resp: 195623
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 49.827 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 85 Resp: 77729
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.4

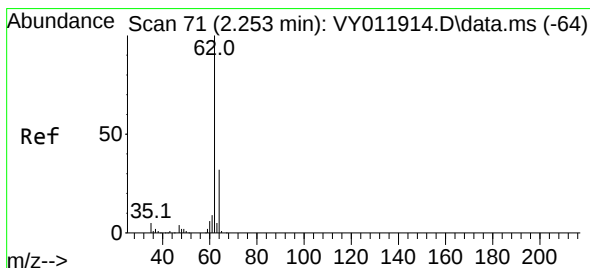
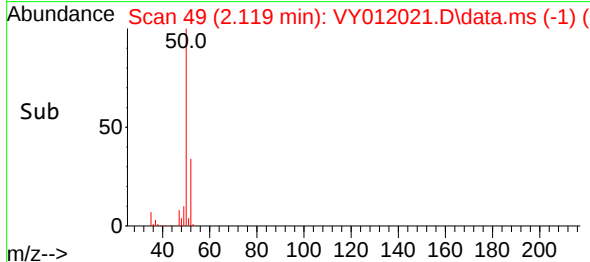
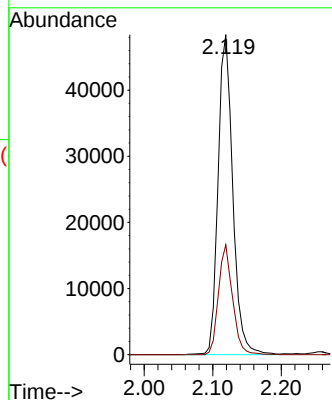
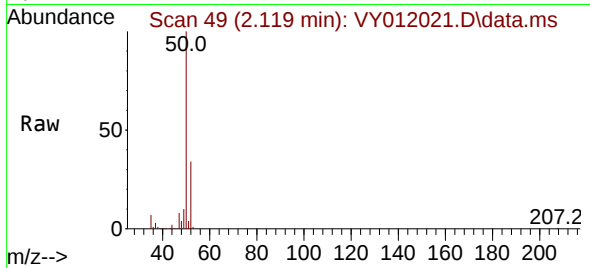




#3
Chloromethane
Concen: 41.403 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

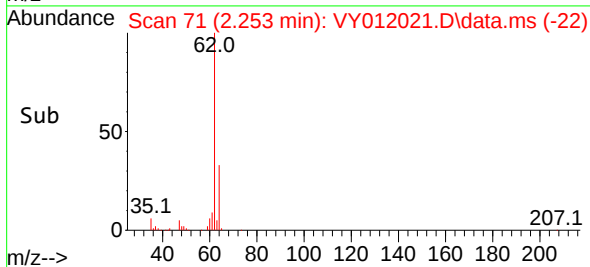
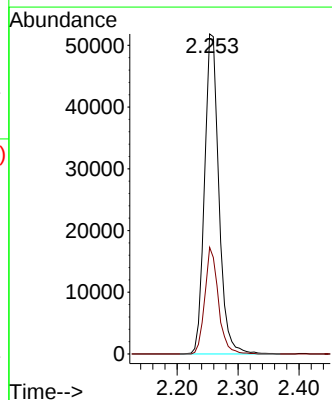
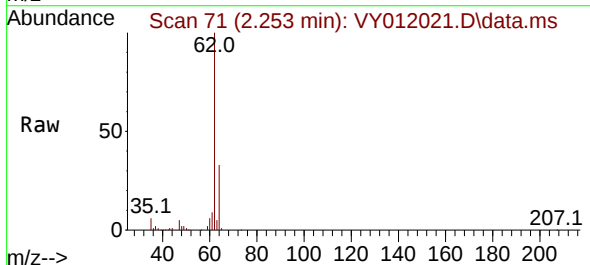
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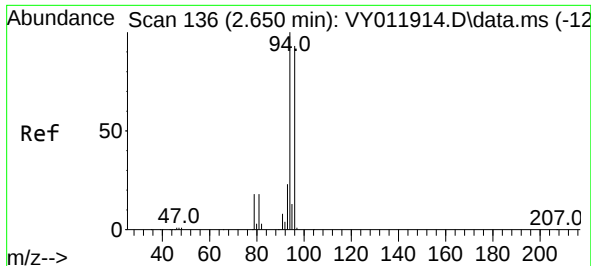
Tgt Ion: 50 Resp: 72085
Ion Ratio Lower Upper
50 100
52 34.4 26.8 40.2



#4
Vinyl Chloride
Concen: 44.211 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 62 Resp: 84887
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

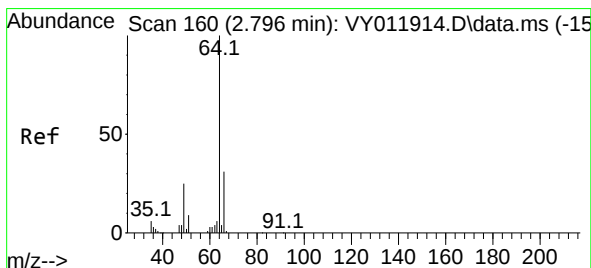
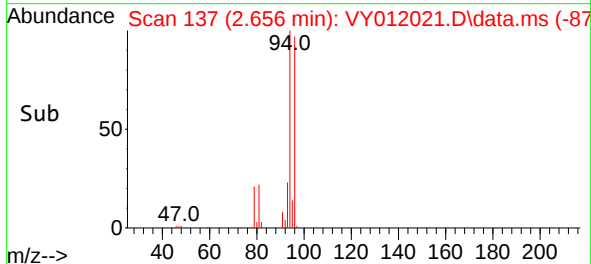
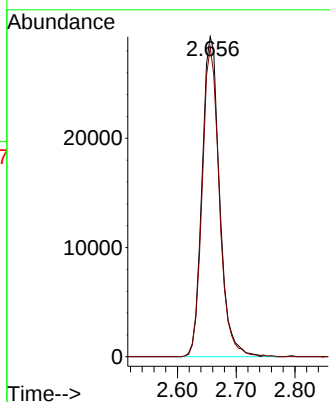
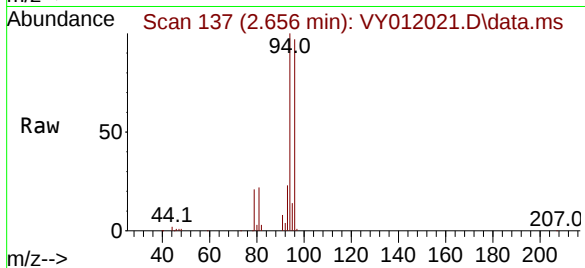




#5
Bromomethane
Concen: 44.584 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

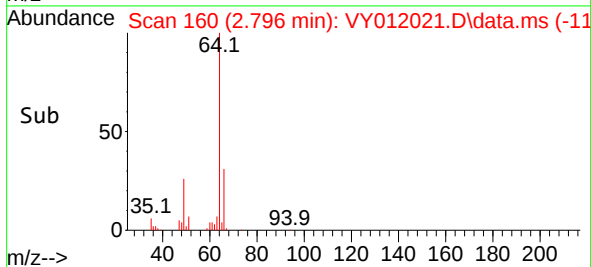
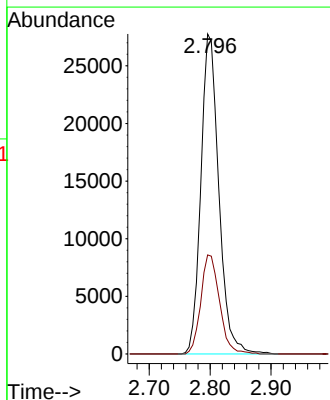
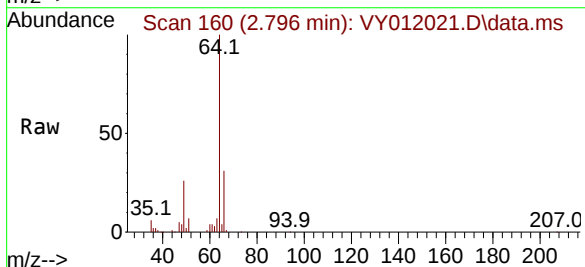
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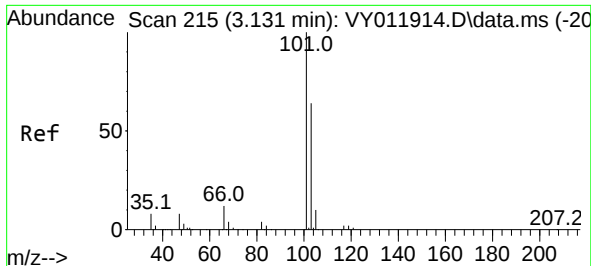
Tgt Ion: 94 Resp: 60902
Ion Ratio Lower Upper
94 100
96 96.6 77.4 116.2



#6
Chloroethane
Concen: 45.428 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 64 Resp: 57013
Ion Ratio Lower Upper
64 100
66 31.0 25.0 37.4

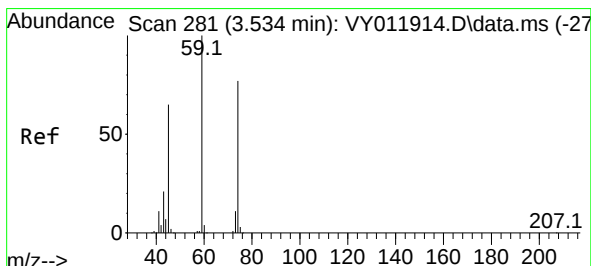
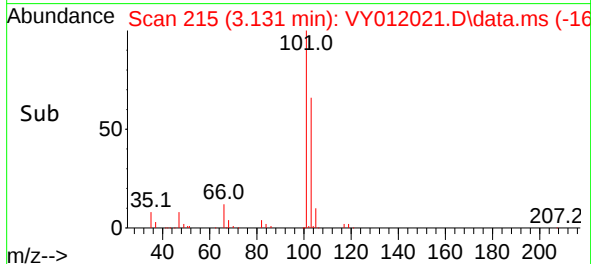
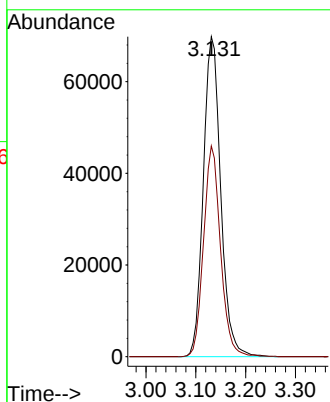
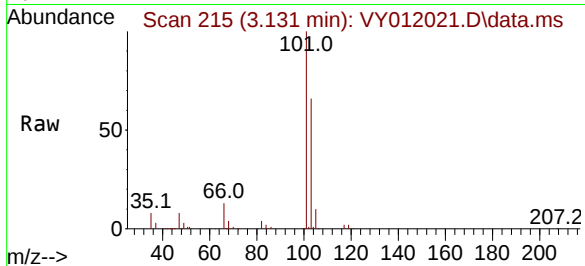




#7
 Trichlorofluoromethane
 Concen: 50.419 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

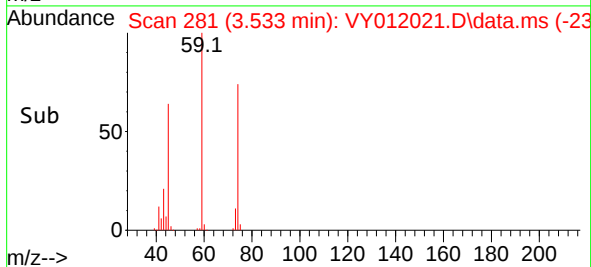
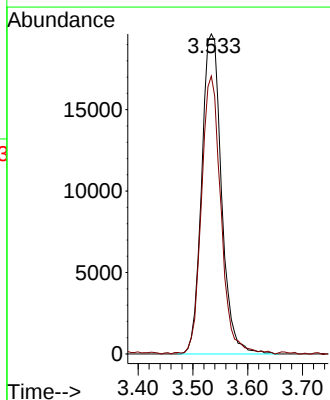
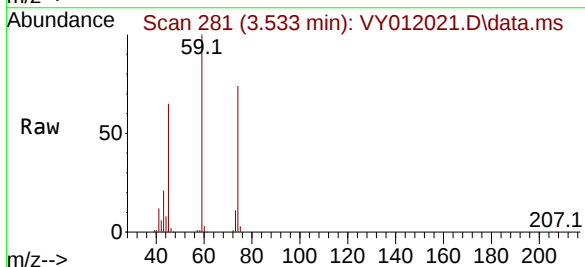
Instrument :
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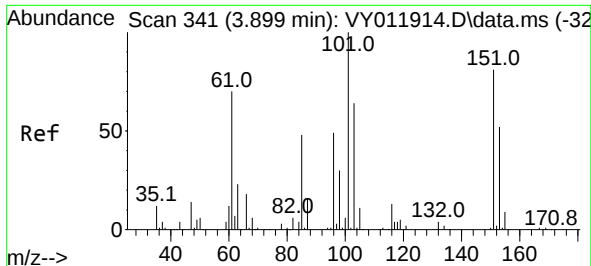
Tgt Ion:101 Resp: 169466
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.6



#8
 Diethyl Ether
 Concen: 47.526 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.005 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

Tgt Ion: 74 Resp: 49288
 Ion Ratio Lower Upper
 74 100
 45 85.5 46.8 140.3

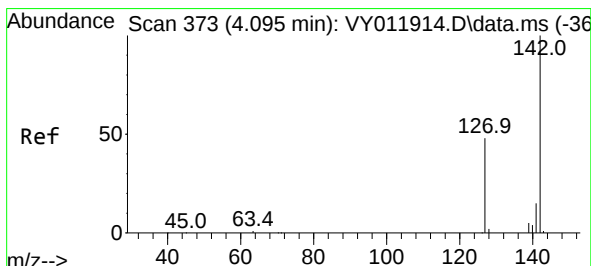
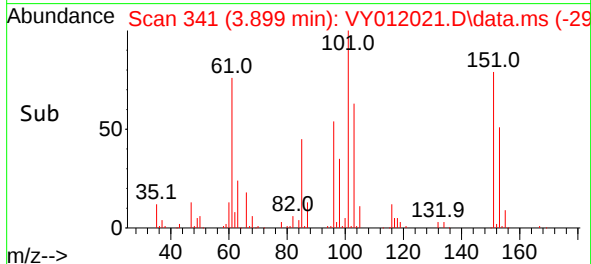
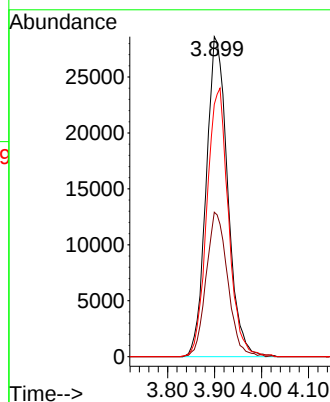
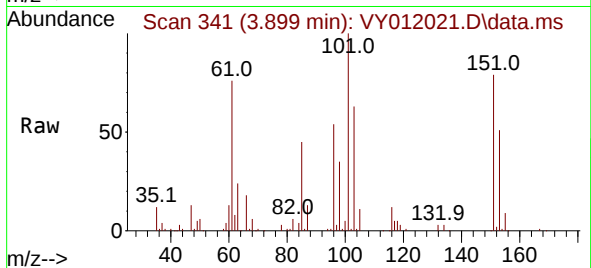




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.094 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012021.D
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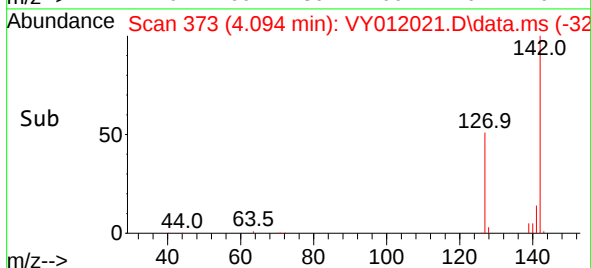
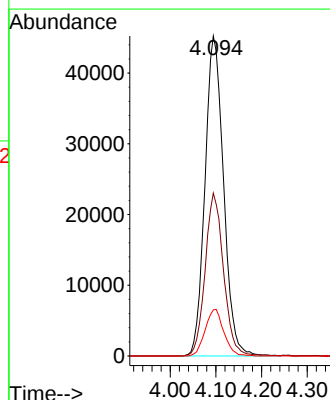
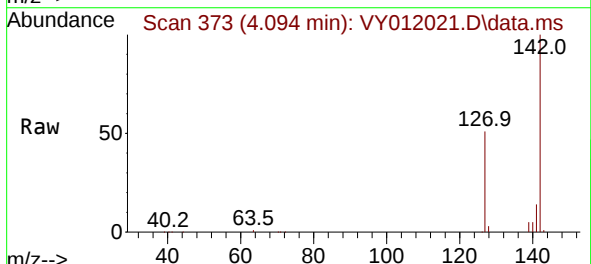
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

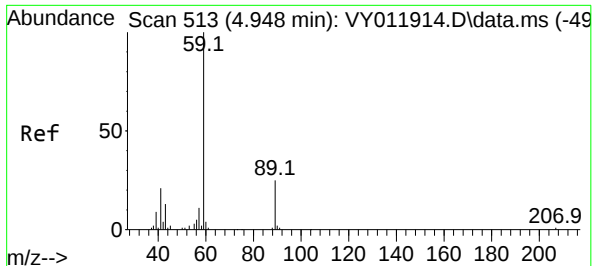
Tgt Ion:101 Resp: 90837
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.2
151 84.1 64.2 96.2



#10
Methyl Iodide
Concen: 49.955 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:142 Resp: 127883
Ion Ratio Lower Upper
142 100
127 50.2 37.0 55.4
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 184.736 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

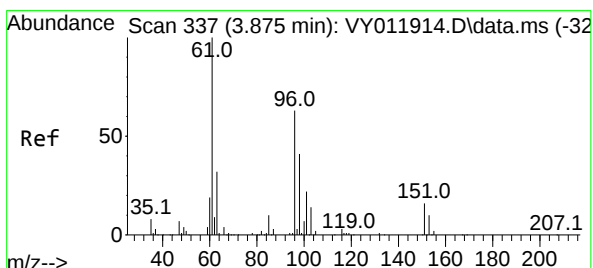
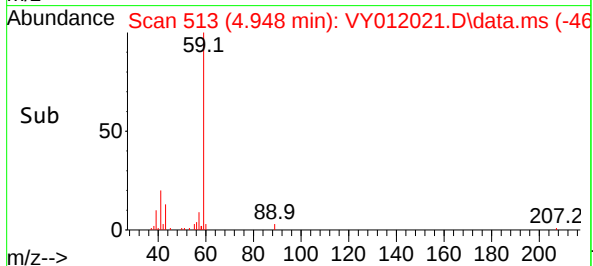
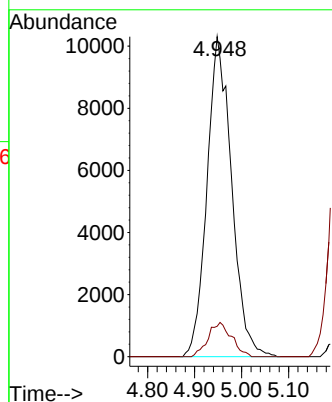
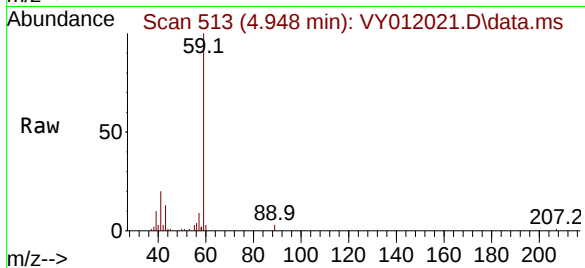
VSTDCCC050

Tgt Ion: 59 Resp: 37469

Ion Ratio Lower Upper

59 100

57 10.2 7.4 11.2



#12

1,1-Dichloroethene

Concen: 48.025 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

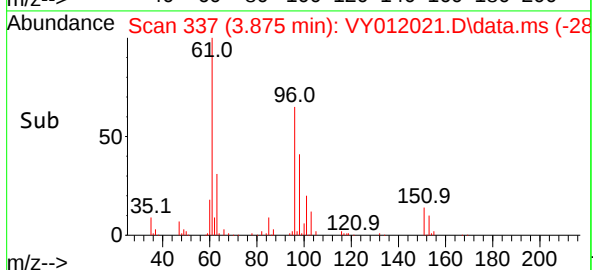
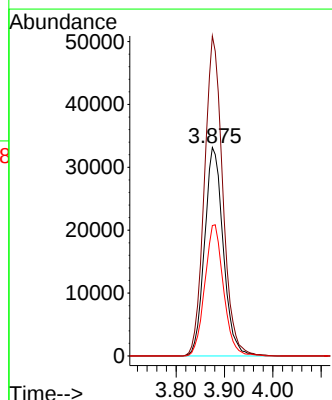
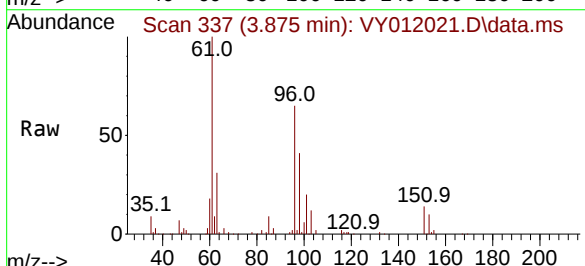
Tgt Ion: 96 Resp: 88885

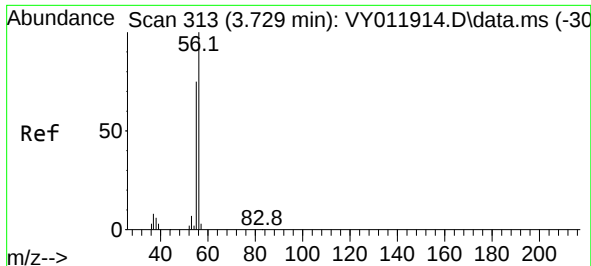
Ion Ratio Lower Upper

96 100

61 153.5 122.0 183.0

98 62.5 48.6 73.0





#13

Acrolein

Concen: 179.006 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

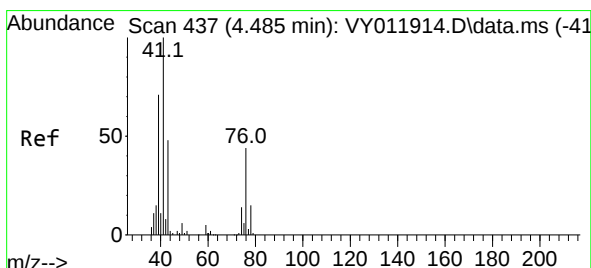
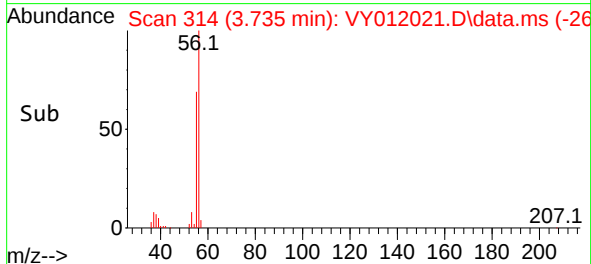
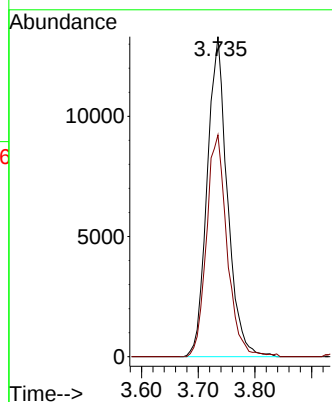
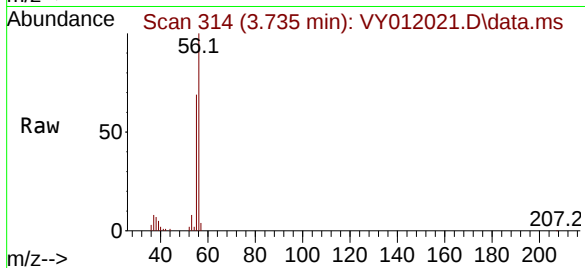
VSTDCCC050

Tgt Ion: 56 Resp: 32979

Ion Ratio Lower Upper

56 100

55 70.7 56.6 85.0



#14

Allyl chloride

Concen: 45.584 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

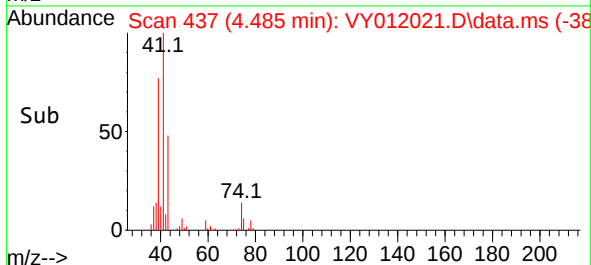
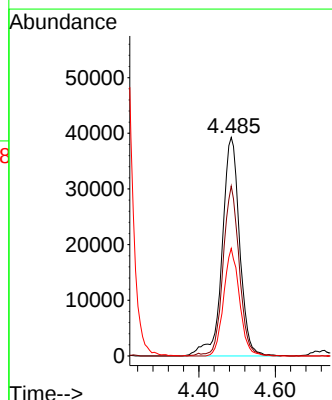
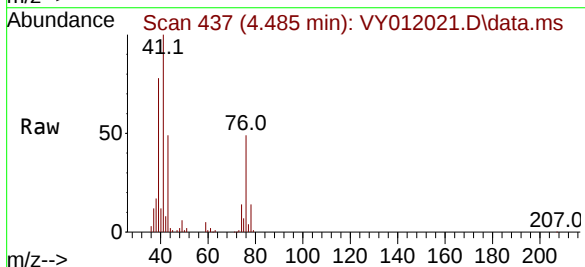
Tgt Ion: 41 Resp: 124242

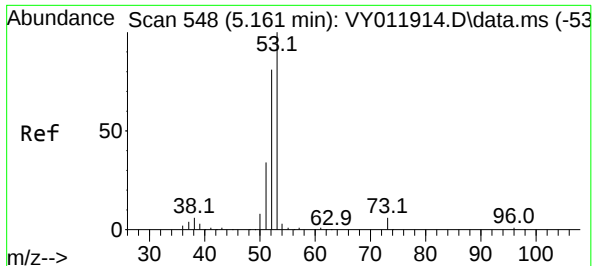
Ion Ratio Lower Upper

41 100

39 71.8 53.5 80.3

76 44.8 31.1 46.7

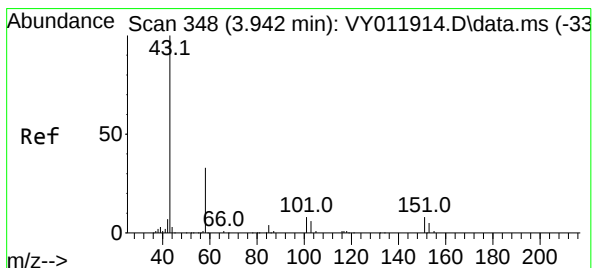
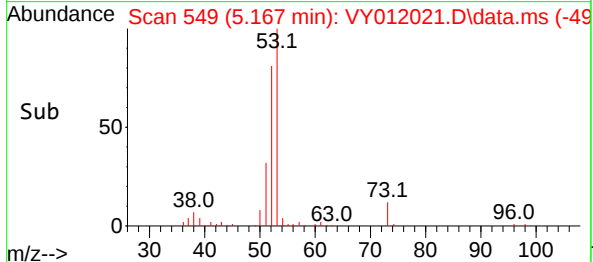
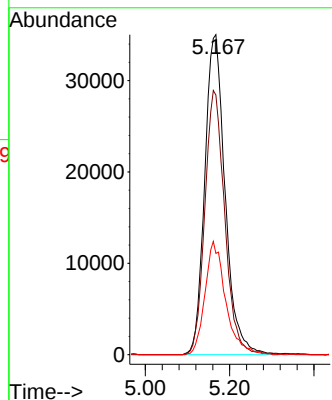
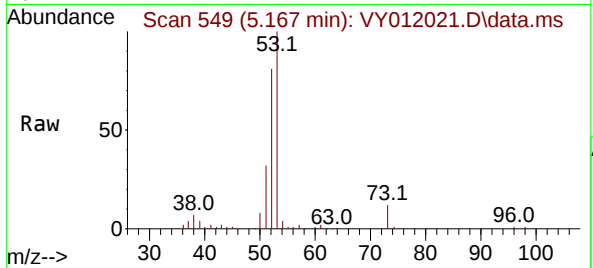




#15
Acrylonitrile
Concen: 244.169 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

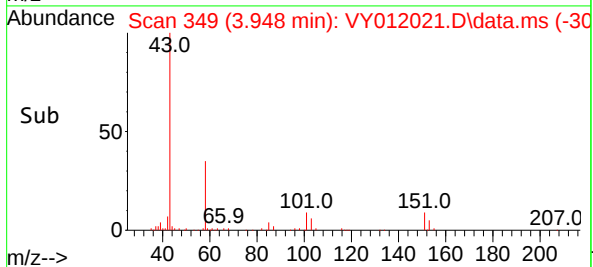
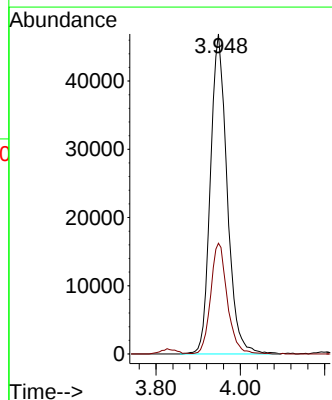
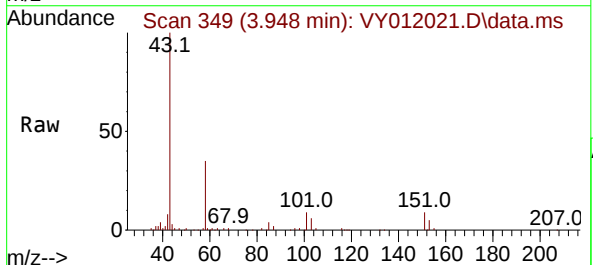
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

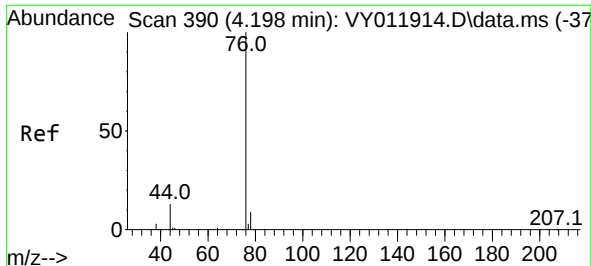
Tgt Ion: 53 Resp: 117793
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 220.344 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 43 Resp: 129306
Ion Ratio Lower Upper
43 100
58 34.6 27.9 41.9

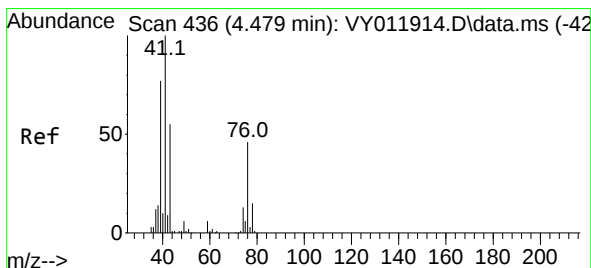
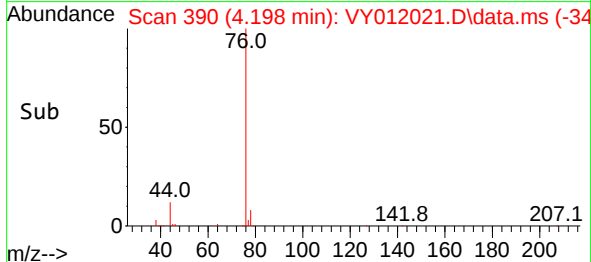
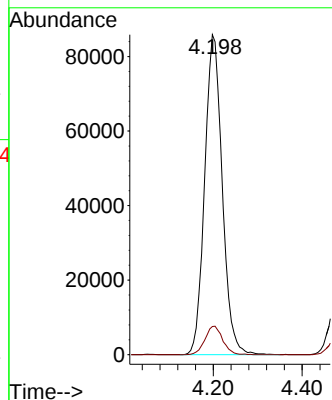
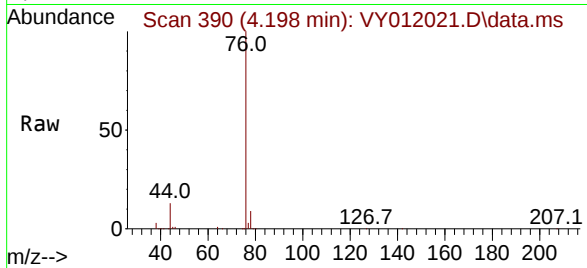




#17
Carbon Disulfide
Concen: 40.051 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

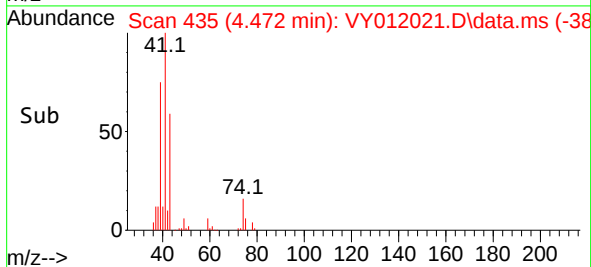
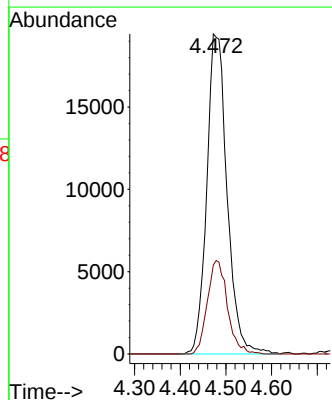
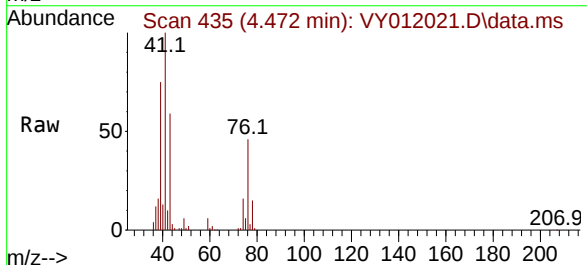
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

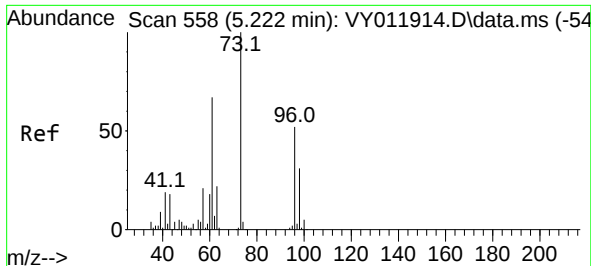
Tgt Ion: 76 Resp: 236459
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 44.141 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 43 Resp: 60113
Ion Ratio Lower Upper
43 100
74 28.9 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 52.463 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

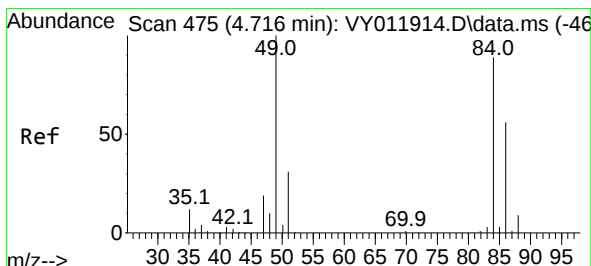
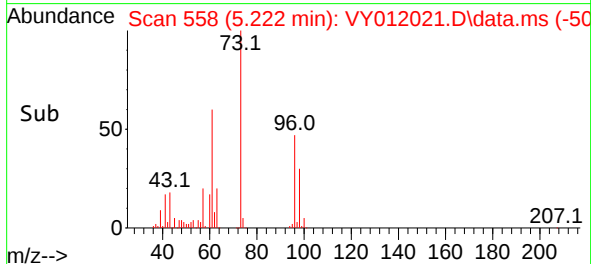
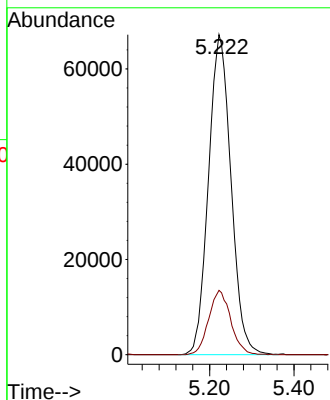
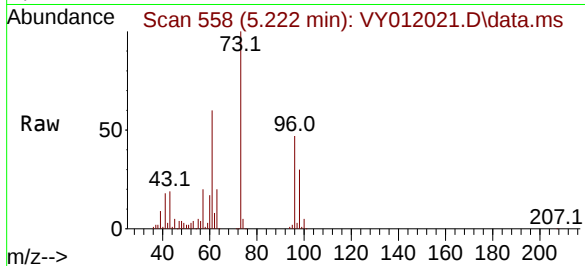
VSTDCCC050

Tgt Ion: 73 Resp: 249139

Ion Ratio Lower Upper

73 100

57 20.1 17.4 26.0



#20

Methylene Chloride

Concen: 44.747 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Tgt Ion: 84 Resp: 102908

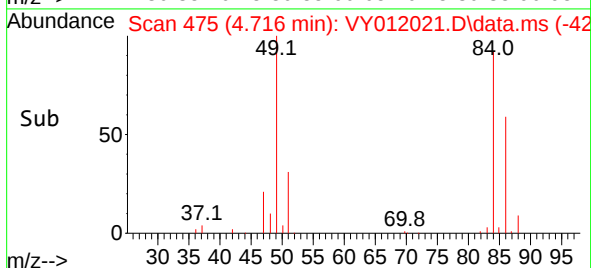
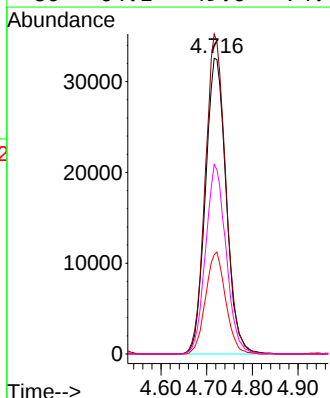
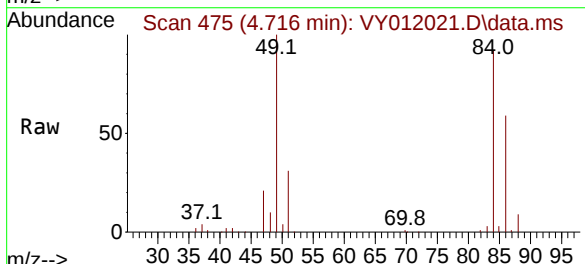
Ion Ratio Lower Upper

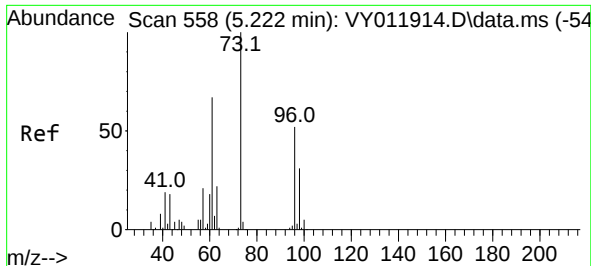
84 100

49 108.2 95.4 143.2

51 33.5 29.9 44.9

86 64.1 49.6 74.4

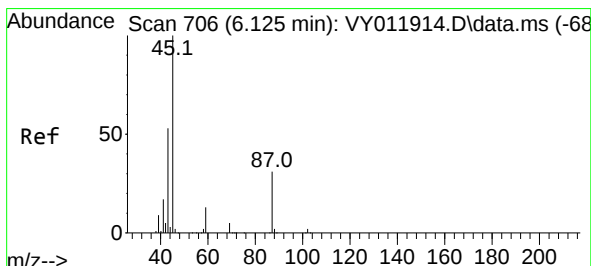
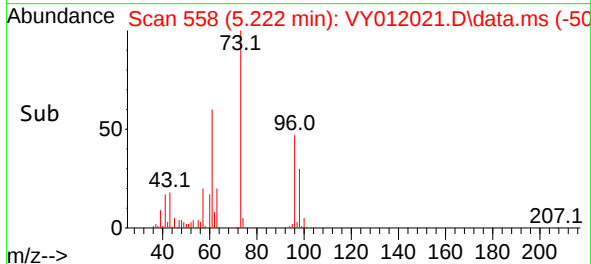
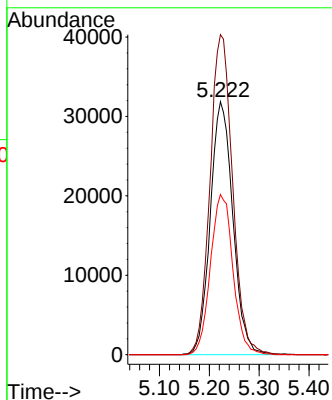
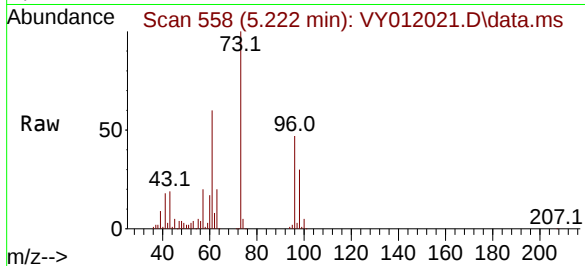




#21
trans-1,2-Dichloroethene
Concen: 47.700 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

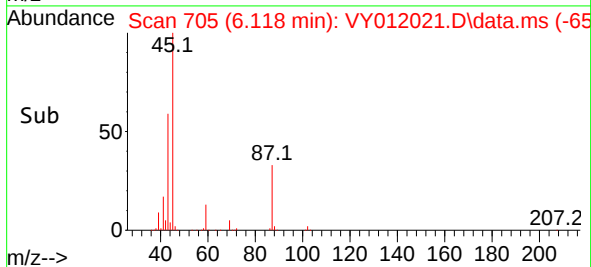
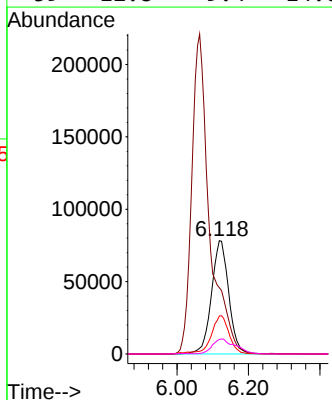
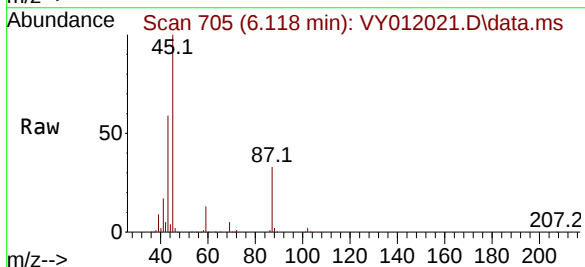
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

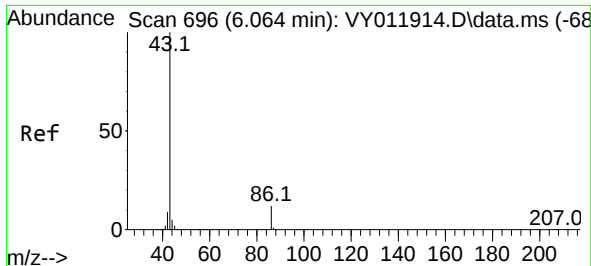
Tgt Ion: 96 Resp: 100313
Ion Ratio Lower Upper
96 100
61 126.5 108.0 162.0
98 63.3 51.6 77.4



#22
Diisopropyl ether
Concen: 48.811 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 45 Resp: 262017
Ion Ratio Lower Upper
45 100
43 58.3 45.0 67.4
87 33.5 22.6 33.8
59 12.8 9.4 14.0

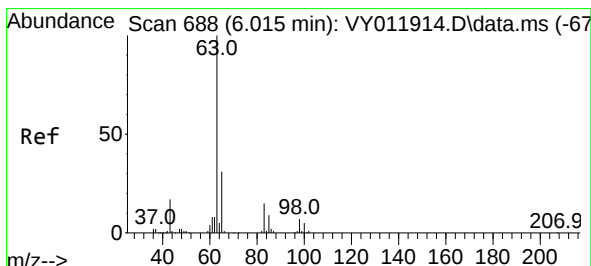
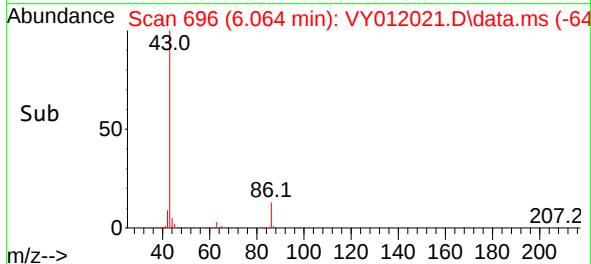
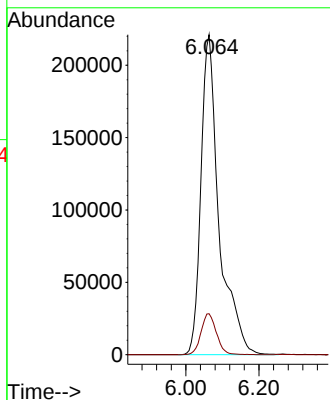
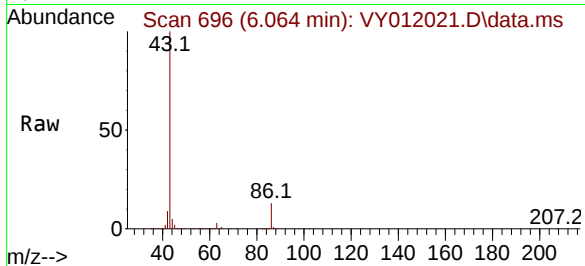




#23
 Vinyl Acetate
 Concen: 246.246 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

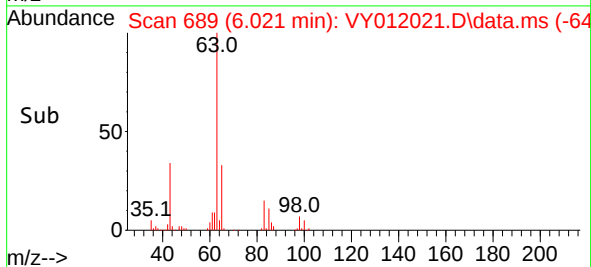
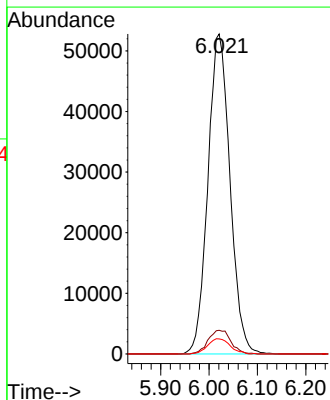
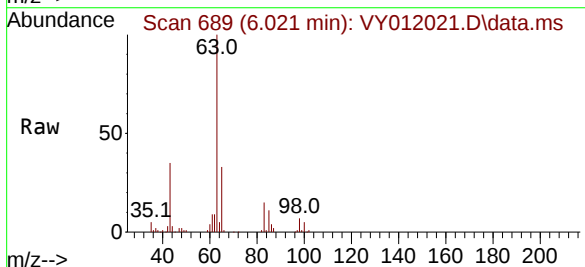
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

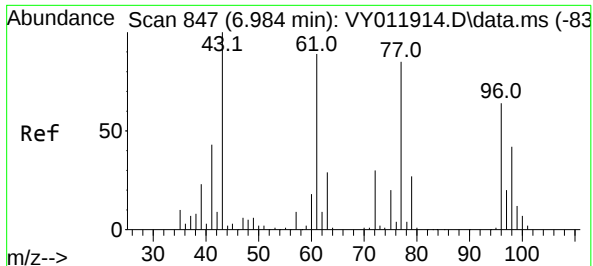
Tgt Ion: 43 Resp: 760509
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.021 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

Tgt Ion: 63 Resp: 167558
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 230.865 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

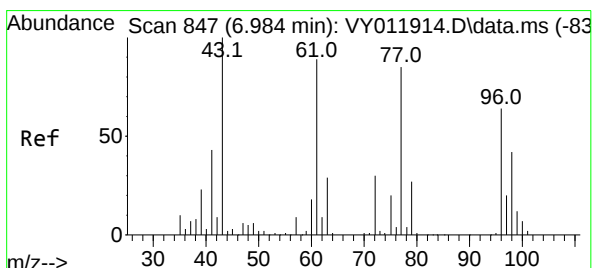
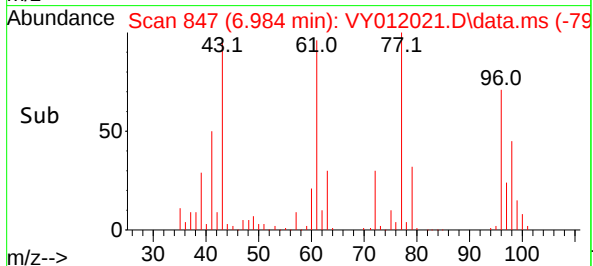
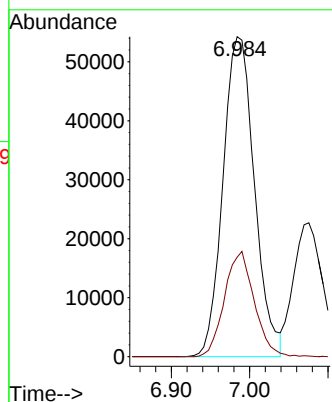
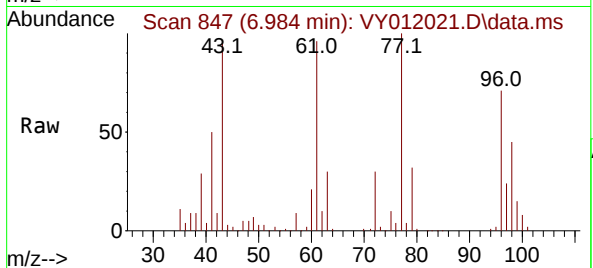
VSTDCCC050

Tgt Ion: 43 Resp: 151565

Ion Ratio Lower Upper

43 100

72 31.1 22.6 34.0



#26

2,2-Dichloropropane

Concen: 50.658 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012021.D

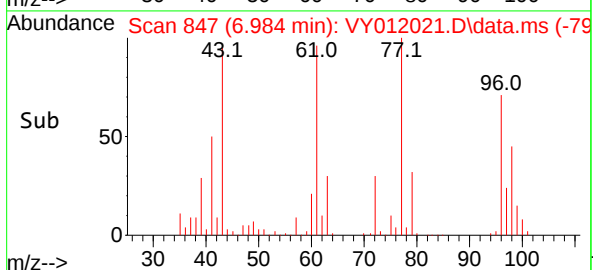
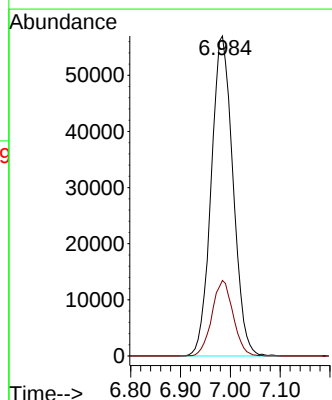
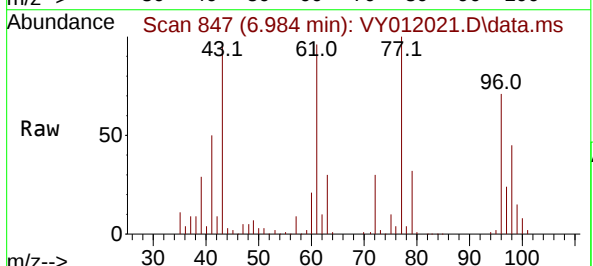
Acq: 29 Dec 2022 11:56

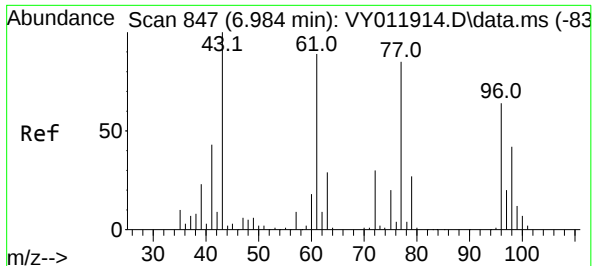
Tgt Ion: 77 Resp: 172964

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.817 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

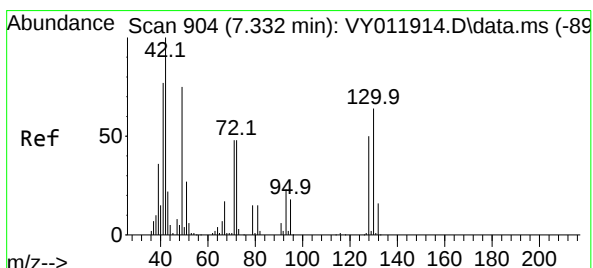
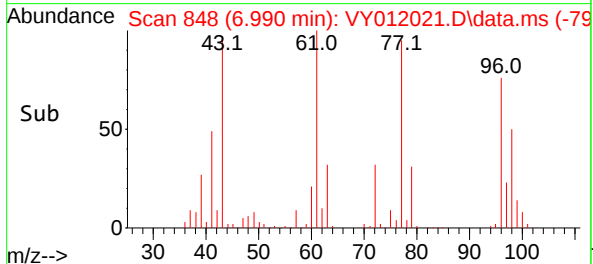
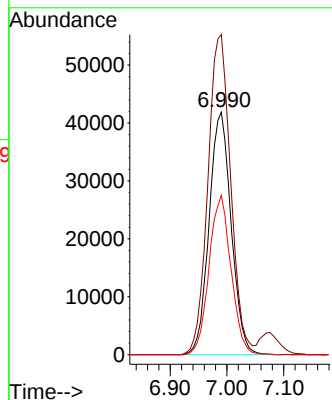
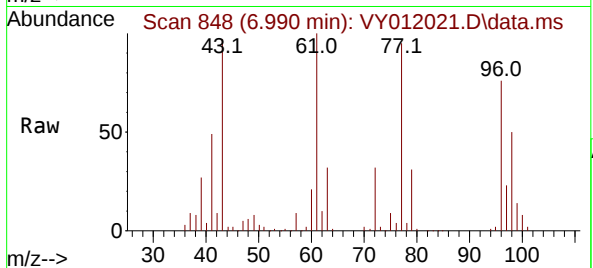
Tgt Ion: 96 Resp: 113310

Ion Ratio Lower Upper

96 100

61 135.9 0.0 283.4

98 65.2 0.0 127.6



#28

Bromochloromethane

Concen: 41.393 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

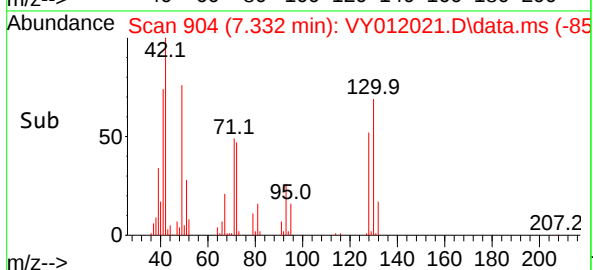
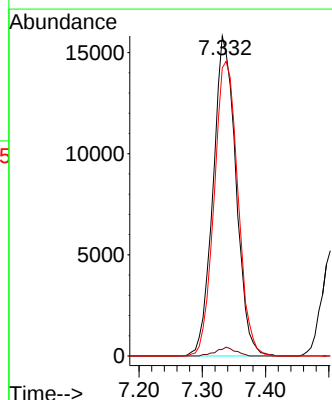
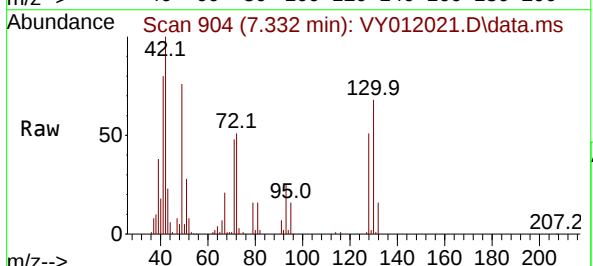
Tgt Ion: 49 Resp: 39634

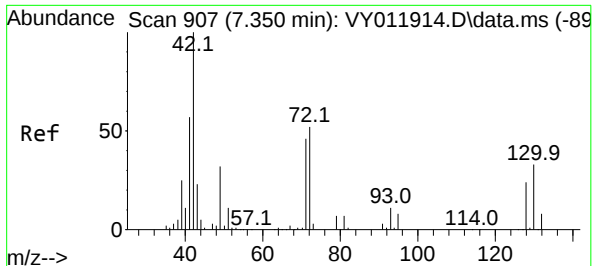
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 95.5 66.7 100.1





#29

Tetrahydrofuran

Concen: 230.112 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

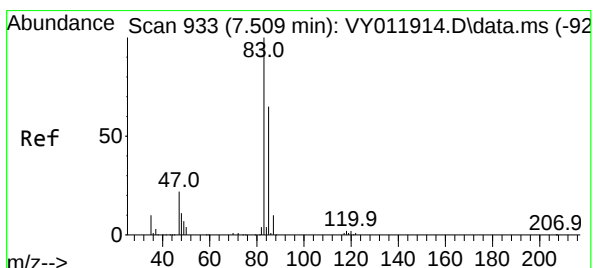
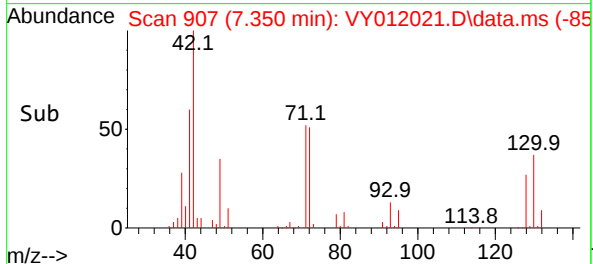
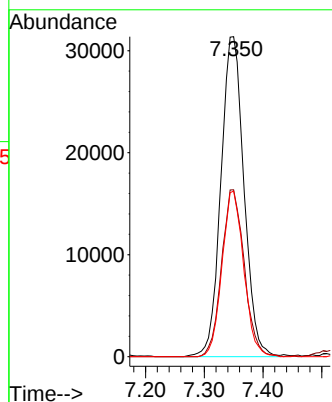
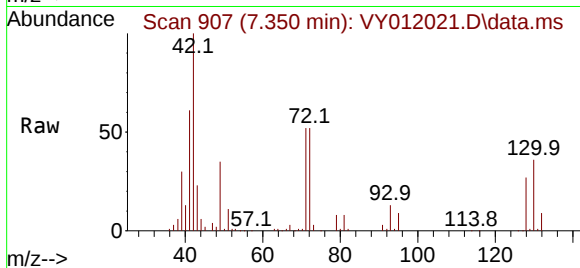
Tgt Ion: 42 Resp: 85593

Ion Ratio Lower Upper

42 100

72 51.2 37.0 55.6

71 48.7 34.9 52.3



#30

Chloroform

Concen: 50.980 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY012021.D

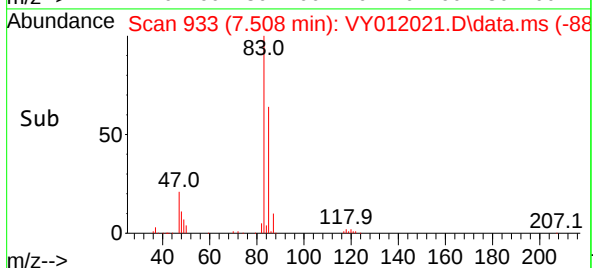
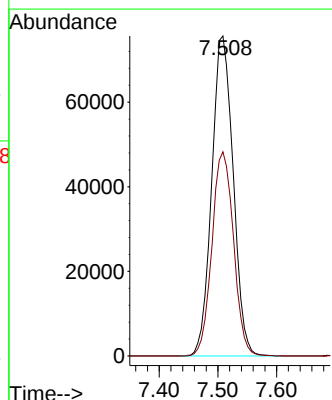
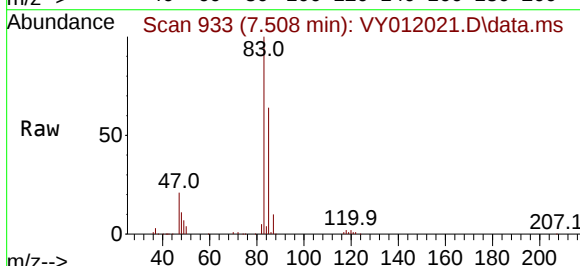
Acq: 29 Dec 2022 11:56

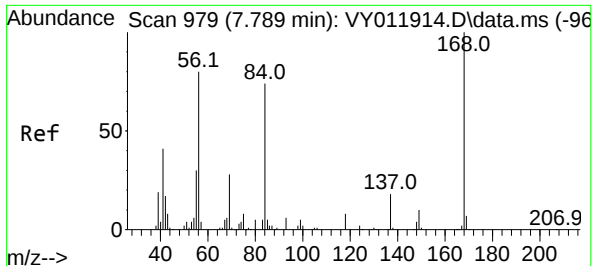
Tgt Ion: 83 Resp: 191732

Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

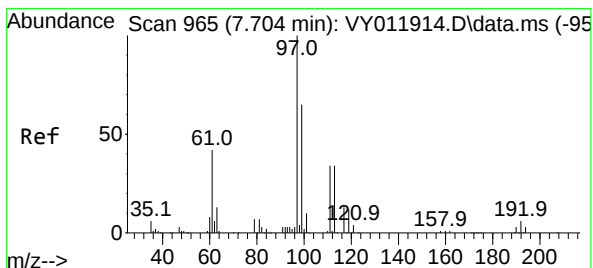
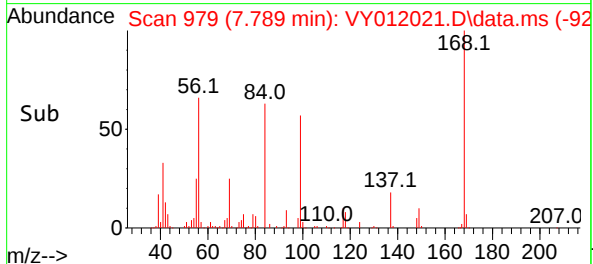
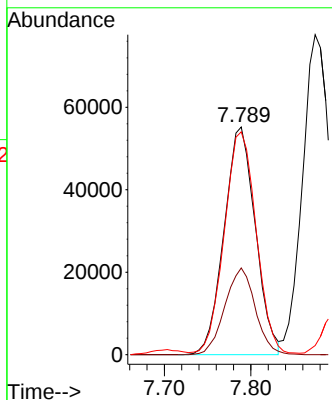
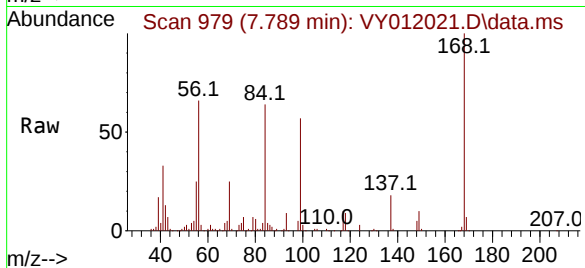




#31
Cyclohexane
Concen: 41.867 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

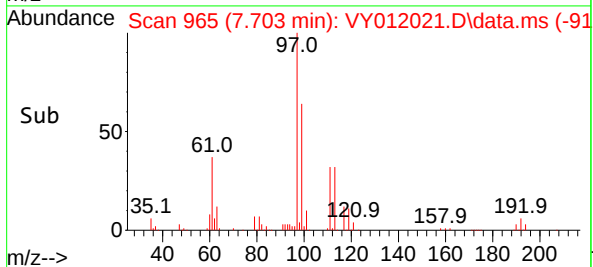
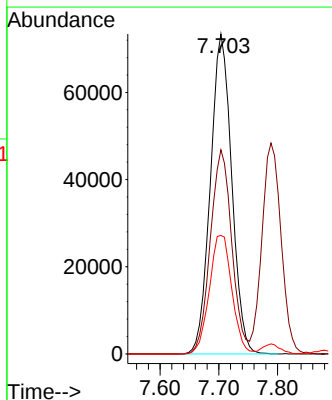
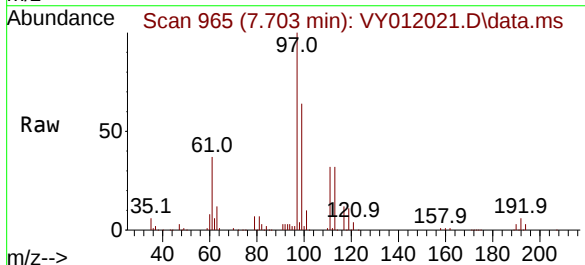
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

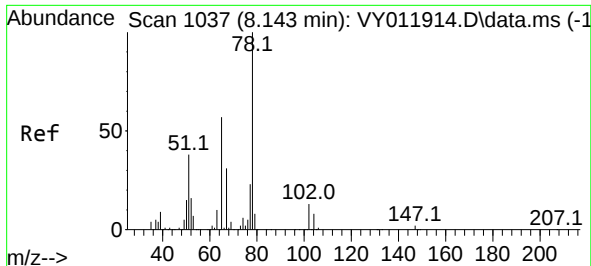
Tgt Ion: 56 Resp: 138907
Ion Ratio Lower Upper
56 100
69 38.1 29.2 43.8
84 96.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.673 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 97 Resp: 184843
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 39.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.922 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

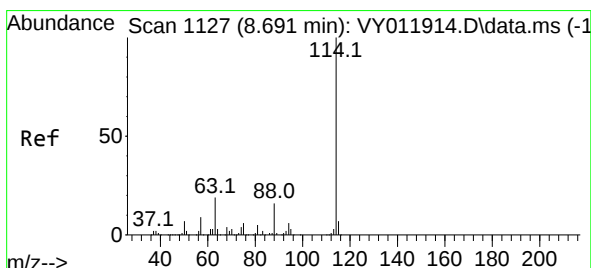
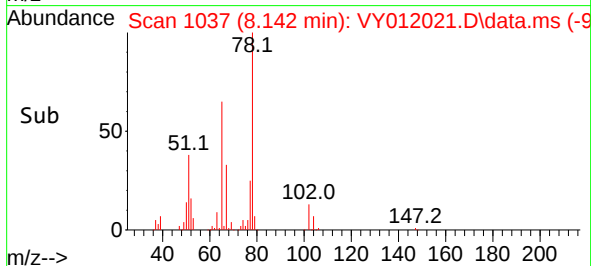
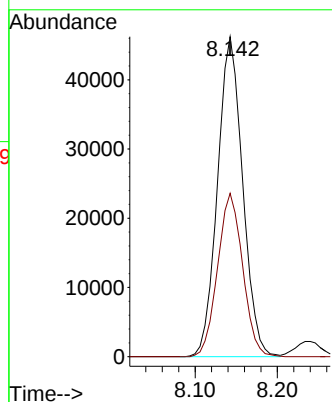
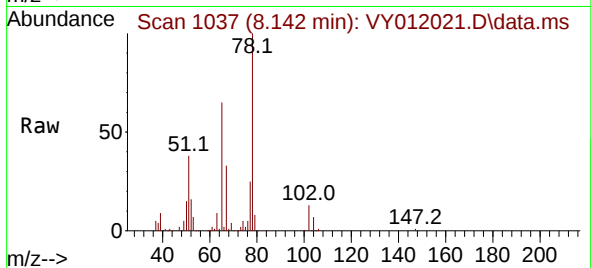
VSTDCCC050

Tgt Ion: 65 Resp: 98390

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

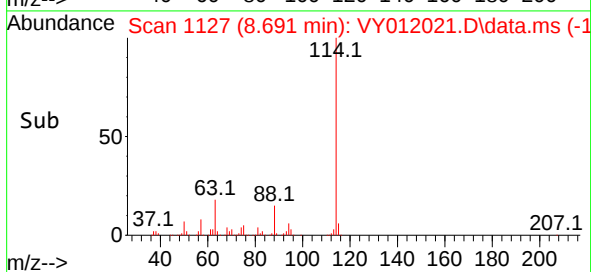
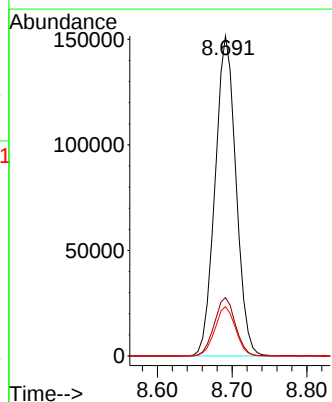
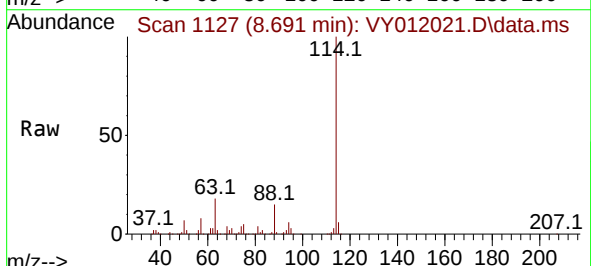
Tgt Ion: 114 Resp: 294412

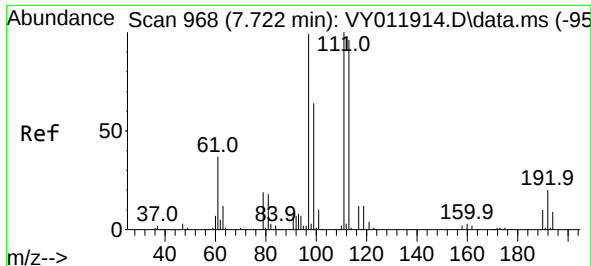
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.4 0.0 32.2

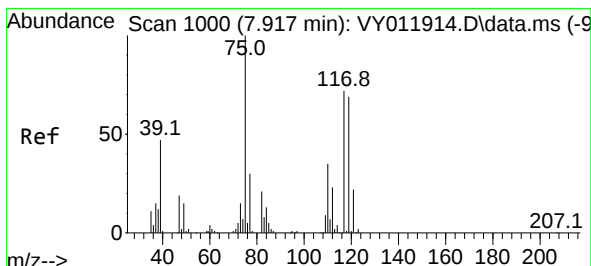
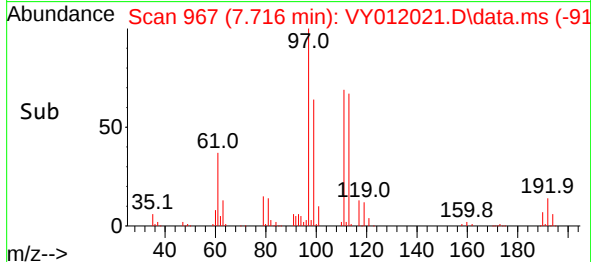
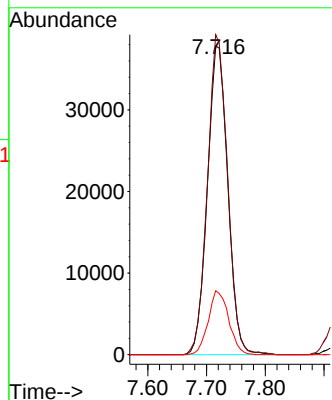
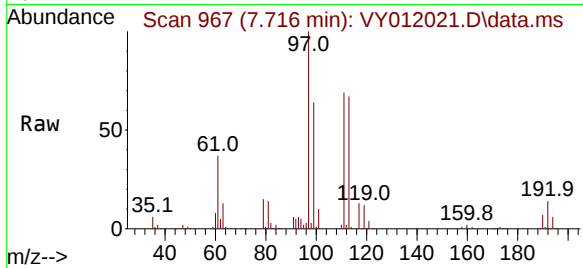




#35
Dibromofluoromethane
Concen: 51.527 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

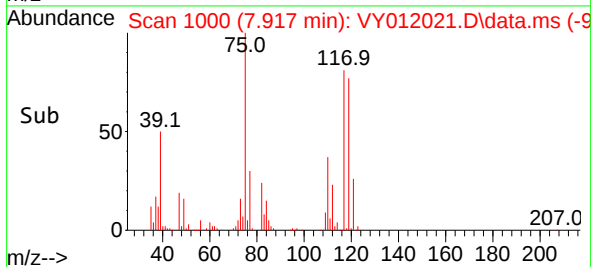
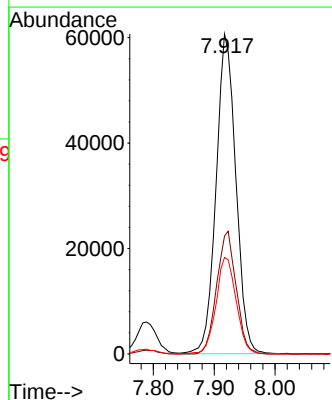
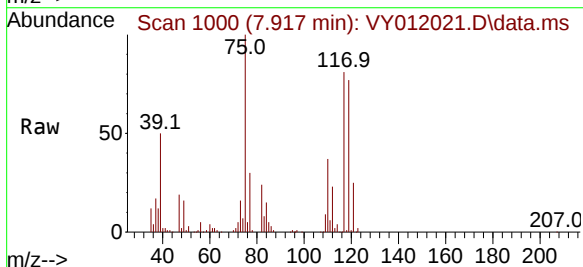
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

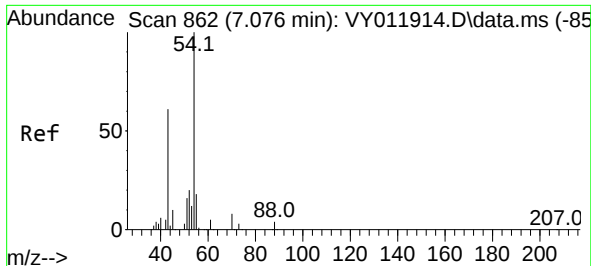
Tgt Ion:113 Resp: 91329
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 48.159 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 75 Resp: 136918
Ion Ratio Lower Upper
75 100
110 37.7 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 47.528 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

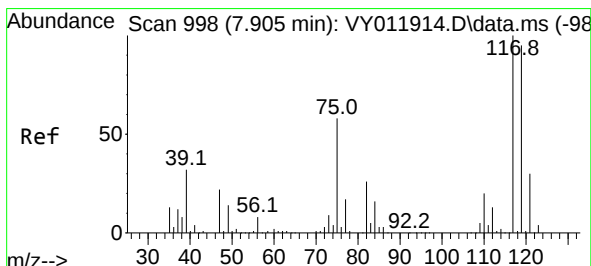
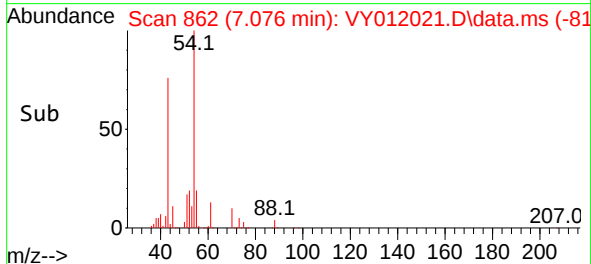
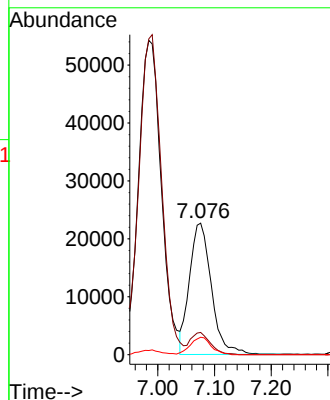
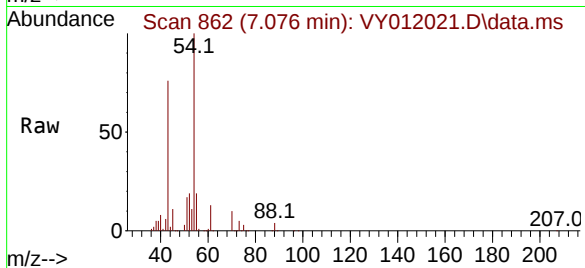
Tgt Ion: 43 Resp: 60624

Ion Ratio Lower Upper

43 100

61 15.7 11.3 16.9

70 12.5 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 52.510 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

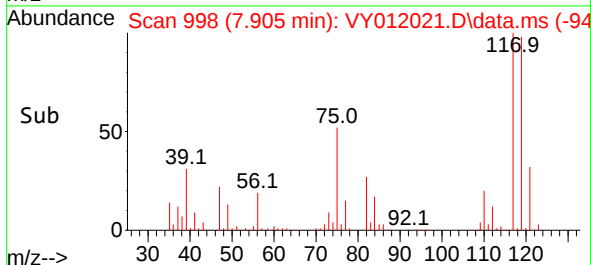
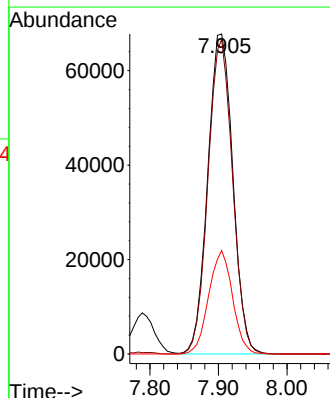
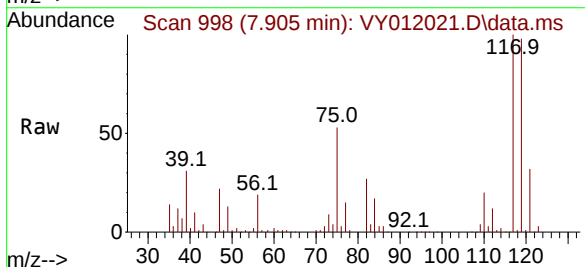
Tgt Ion: 117 Resp: 172417

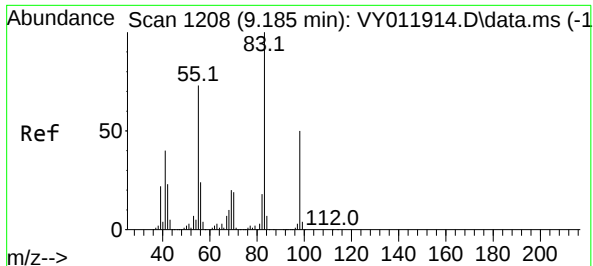
Ion Ratio Lower Upper

117 100

119 98.3 73.8 110.8

121 32.3 25.2 37.8





#39

Methylcyclohexane

Concen: 47.775 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

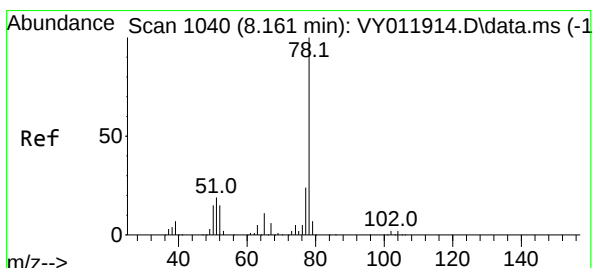
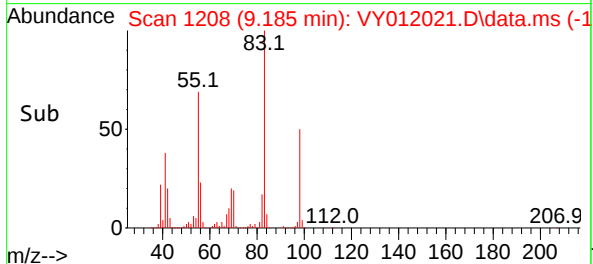
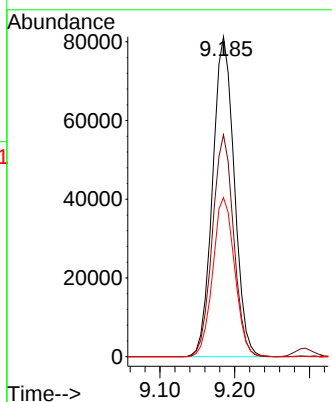
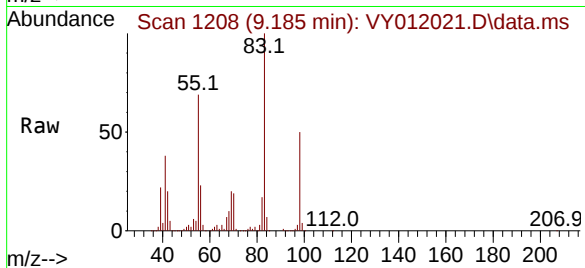
Tgt Ion: 83 Resp: 163436

Ion Ratio Lower Upper

83 100

55 69.4 58.2 87.2

98 49.7 38.6 58.0



#40

Benzene

Concen: 48.860 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012021.D

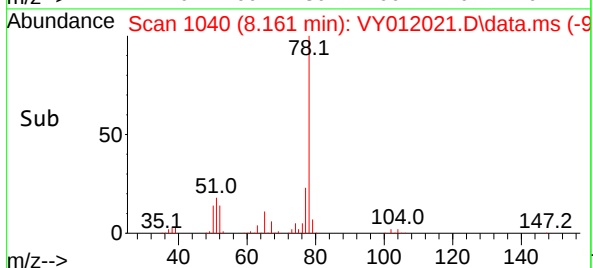
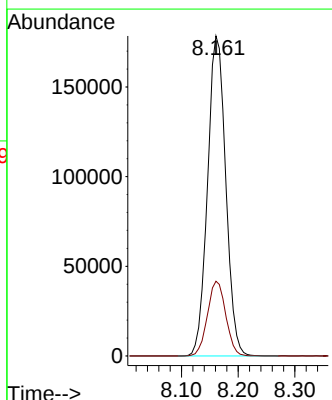
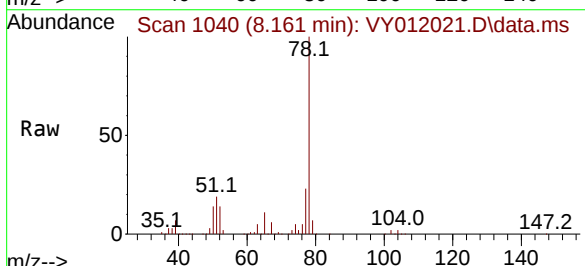
Acq: 29 Dec 2022 11:56

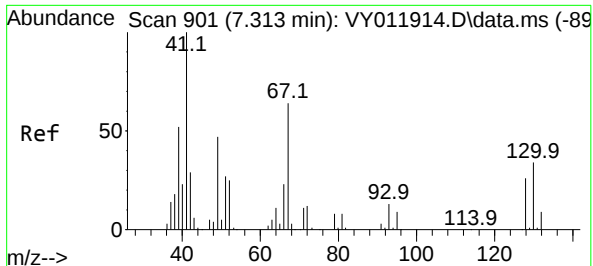
Tgt Ion: 78 Resp: 397539

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8



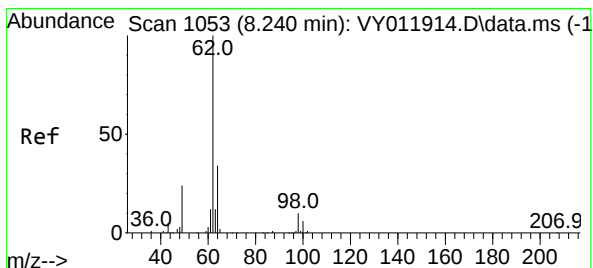
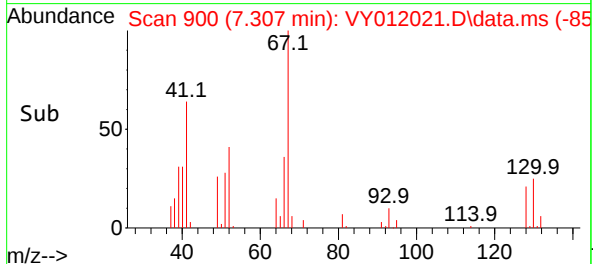
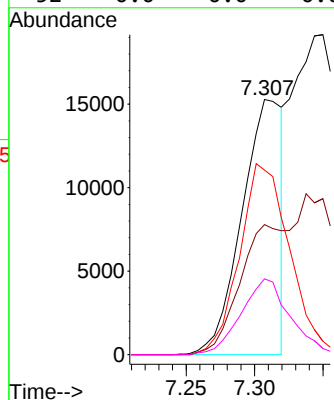
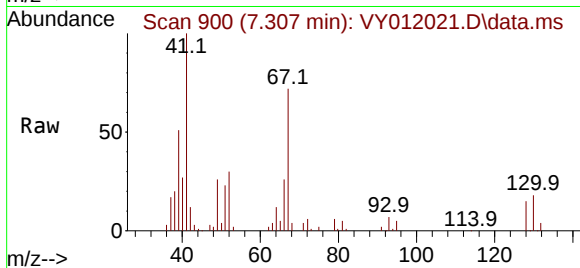


#41
Methacrylonitrile
Concen: 51.163 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 31558

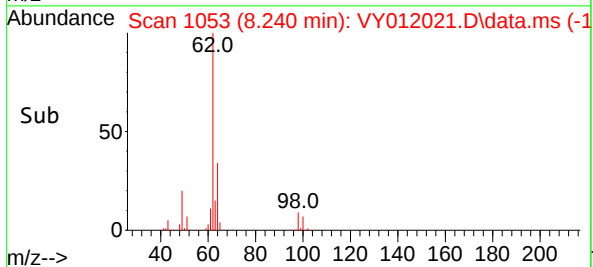
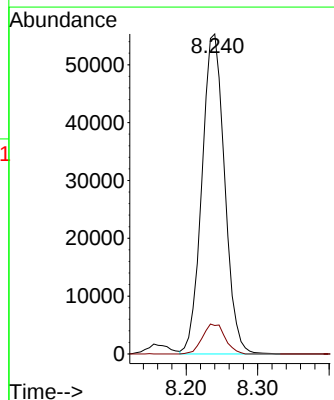
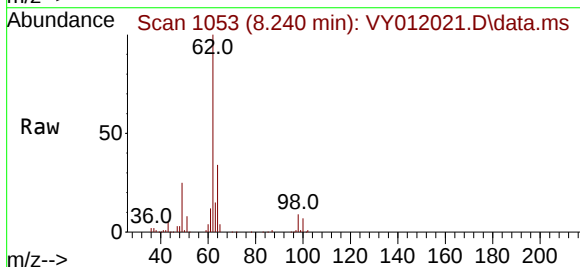
Ion	Ratio	Lower	Upper
41	100		
39	72.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

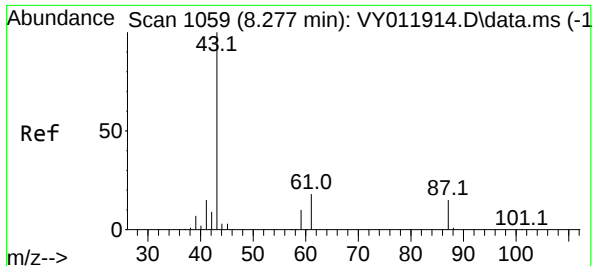


#42
1,2-Dichloroethane
Concen: 52.050 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 62 Resp: 121913

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6





#43

Isopropyl Acetate

Concen: 49.144 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

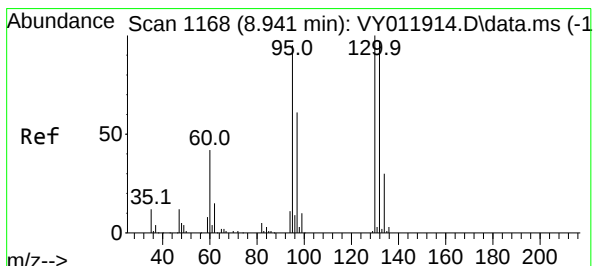
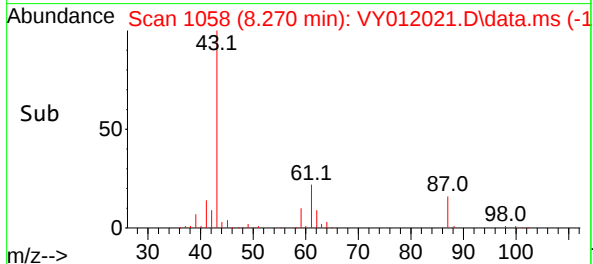
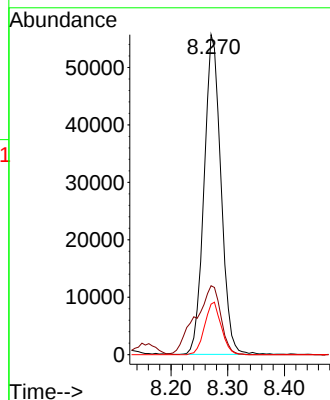
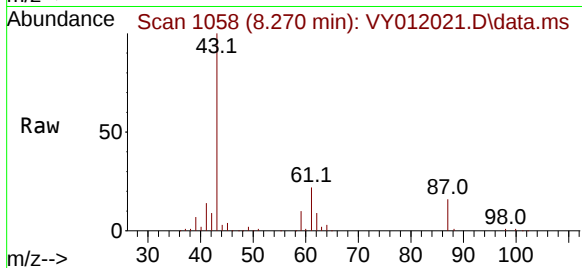
Tgt Ion: 43 Resp: 114486

Ion Ratio Lower Upper

43 100

61 32.5 24.4 36.6

87 16.2 11.4 17.2



#44

Trichloroethene

Concen: 49.632 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012021.D

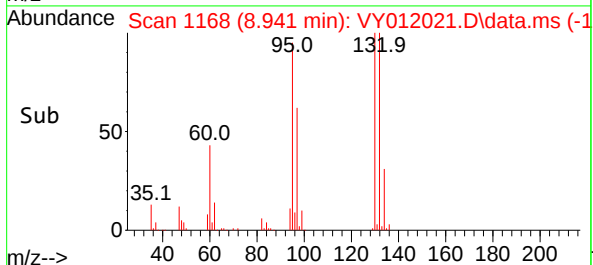
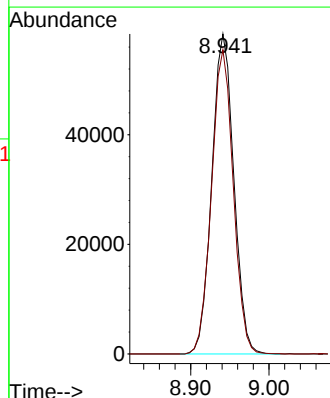
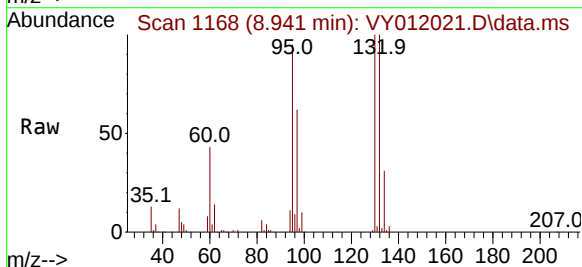
Acq: 29 Dec 2022 11:56

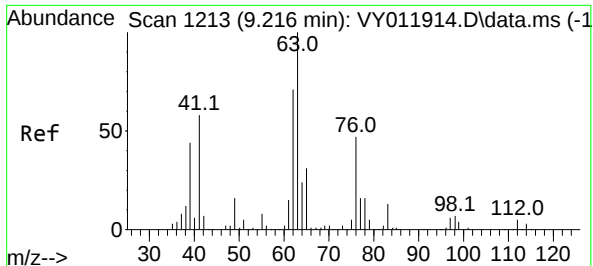
Tgt Ion:130 Resp: 113822

Ion Ratio Lower Upper

130 100

95 95.1 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.224 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

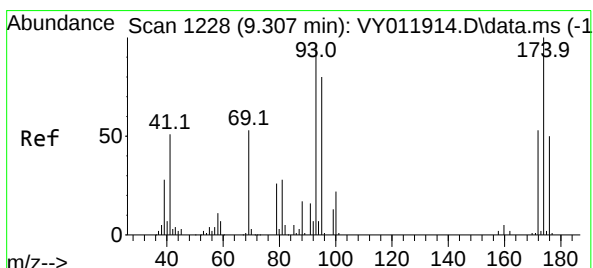
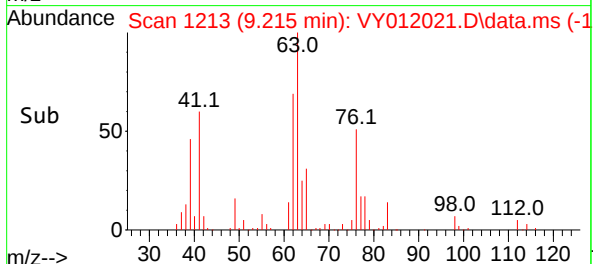
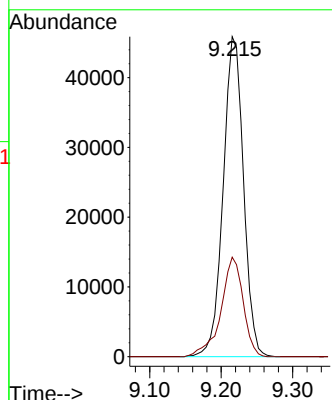
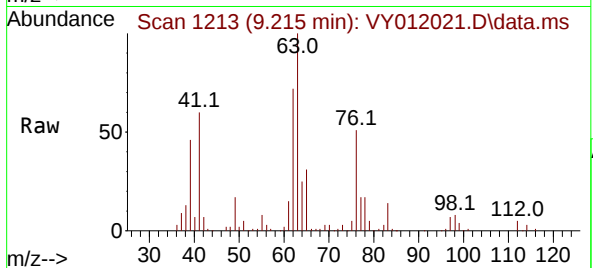
VSTDCCC050

Tgt Ion: 63 Resp: 90656

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 50.926 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

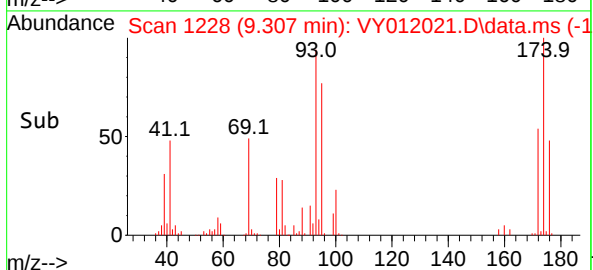
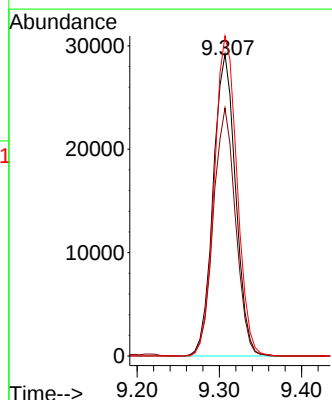
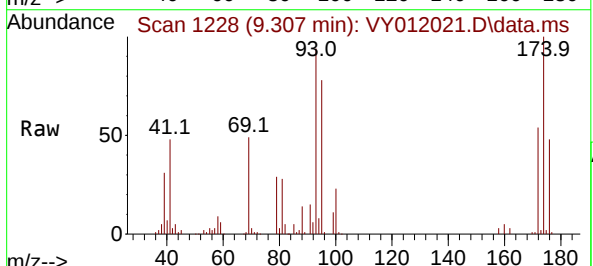
Tgt Ion: 93 Resp: 55145

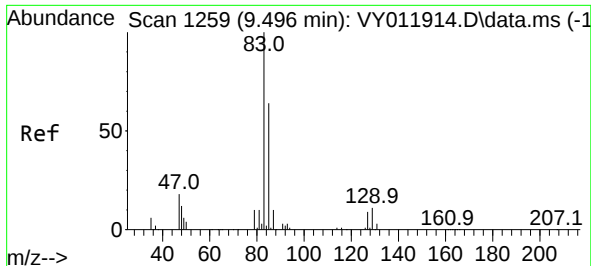
Ion Ratio Lower Upper

93 100

95 81.6 66.1 99.1

174 107.5 84.7 127.1

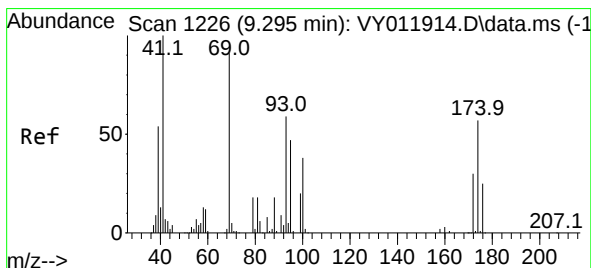
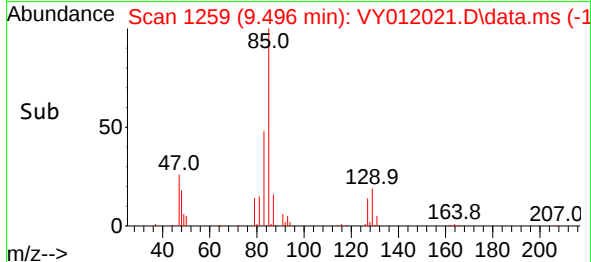
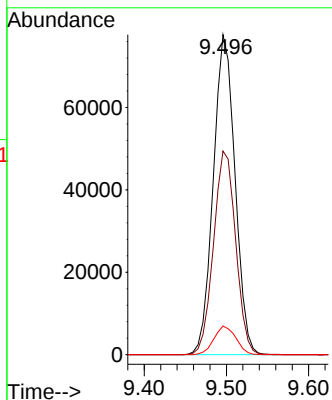
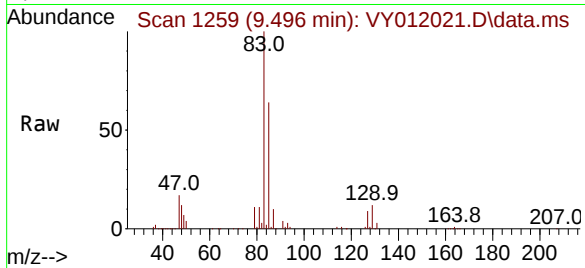




#47
Bromodichloromethane
Concen: 51.983 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

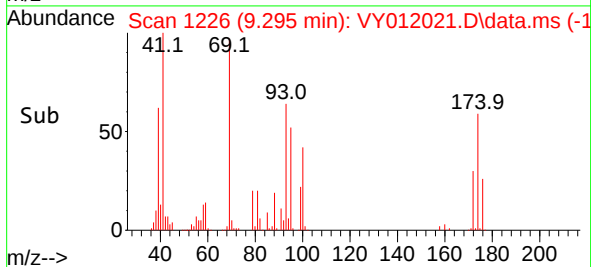
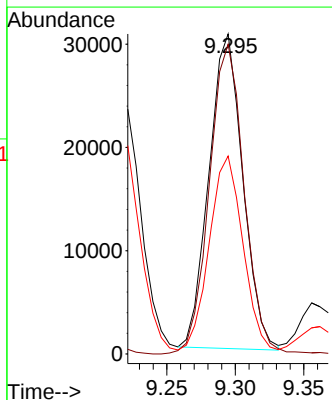
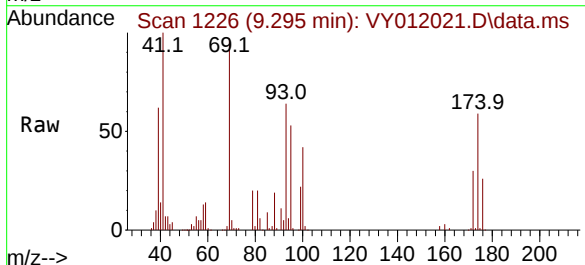
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

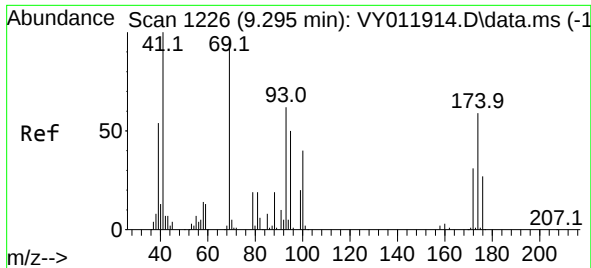
Tgt Ion: 83 Resp: 142807
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 48.420 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 41 Resp: 52227
Ion Ratio Lower Upper
41 100
69 101.4 74.2 111.2
39 61.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1088.451 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

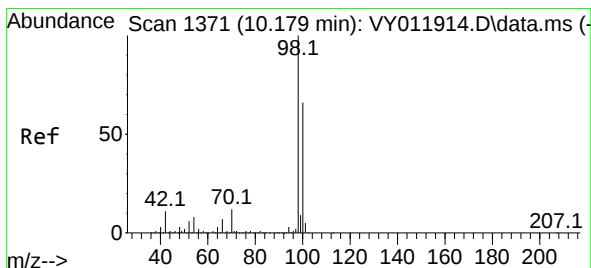
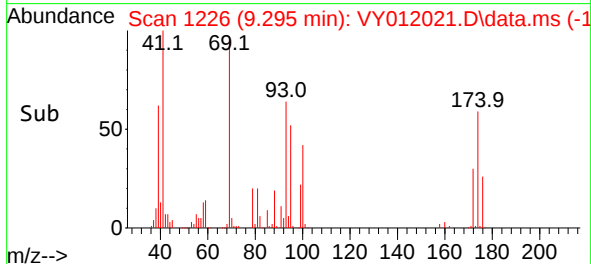
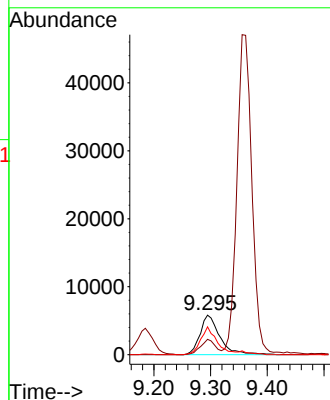
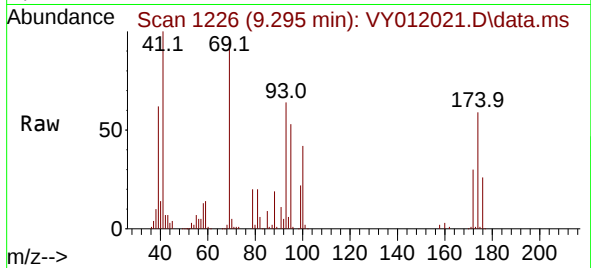
Tgt Ion: 88 Resp: 14072

Ion Ratio Lower Upper

88 100

43 29.5 26.2 39.2

58 58.8 54.3 81.5



#50

Toluene-d8

Concen: 49.767 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012021.D

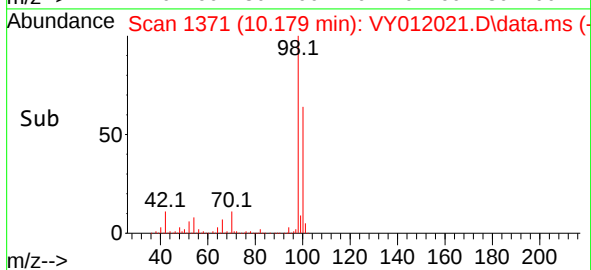
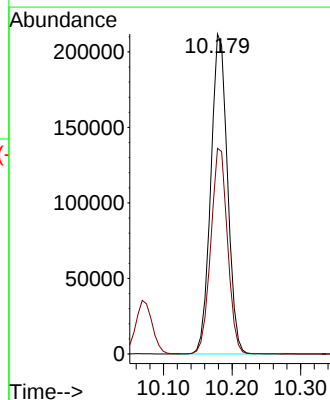
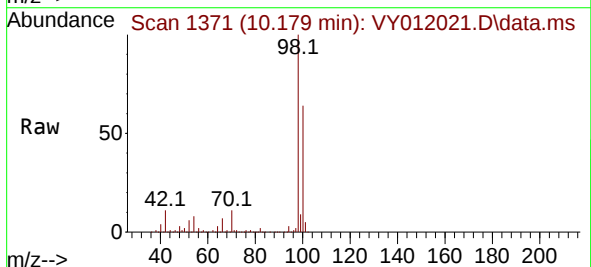
Acq: 29 Dec 2022 11:56

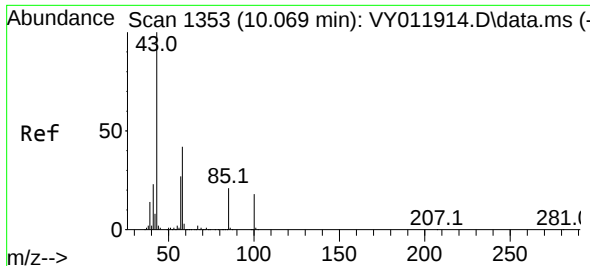
Tgt Ion: 98 Resp: 357882

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9

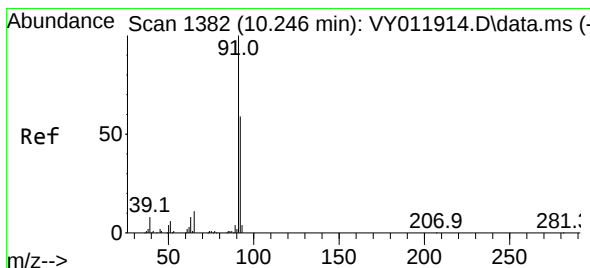
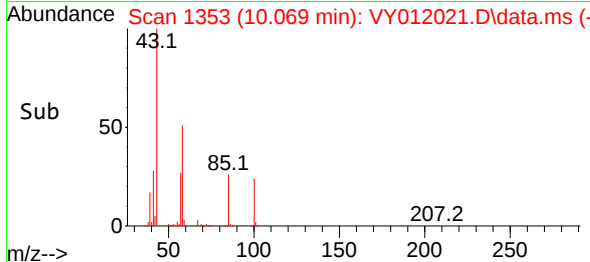
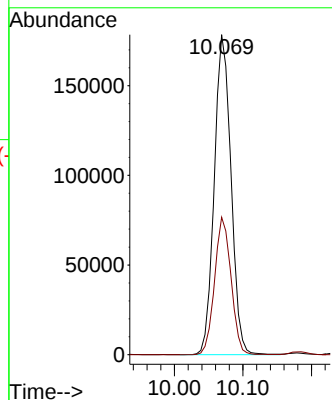
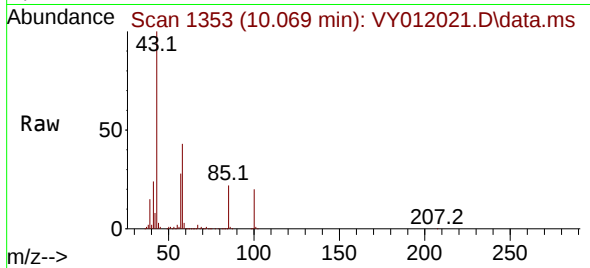




#51
4-Methyl-2-Pentanone
Concen: 243.443 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

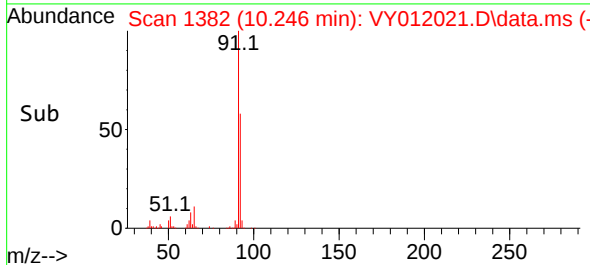
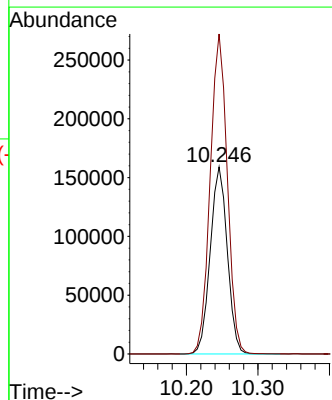
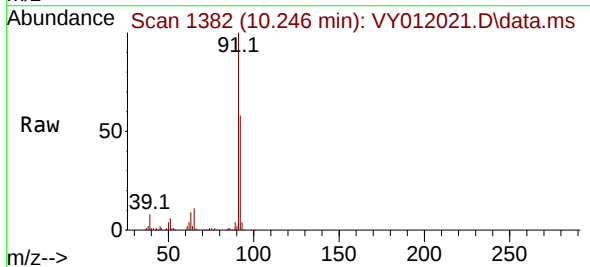
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

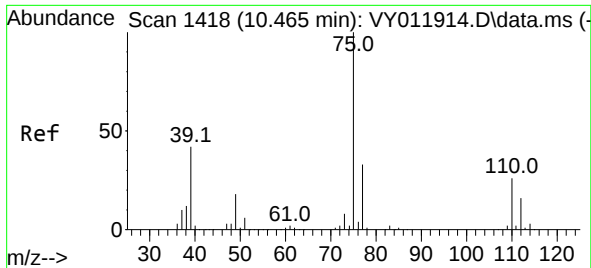
Tgt Ion: 43 Resp: 302402
Ion Ratio Lower Upper
43 100
58 42.1 32.9 49.3



#52
Toluene
Concen: 50.831 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 92 Resp: 263495
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

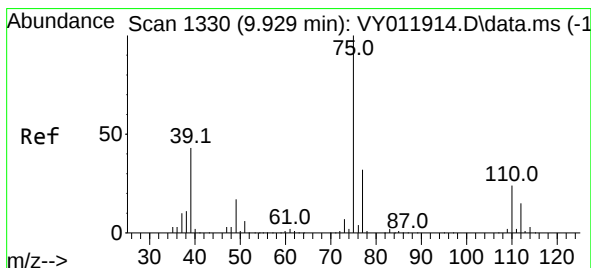
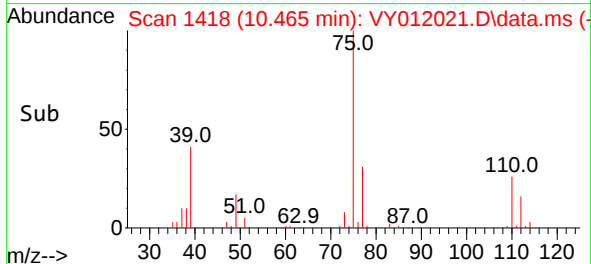
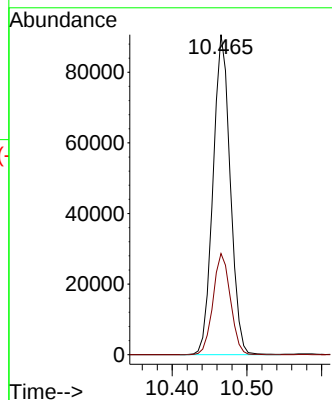
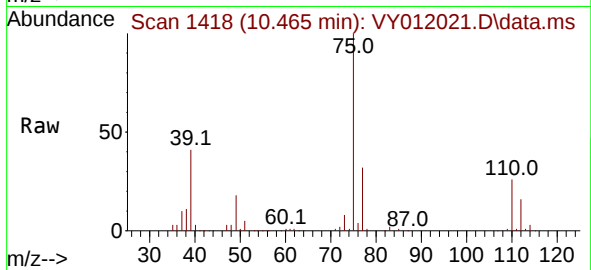




#53
t-1,3-Dichloropropene
Concen: 52.282 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

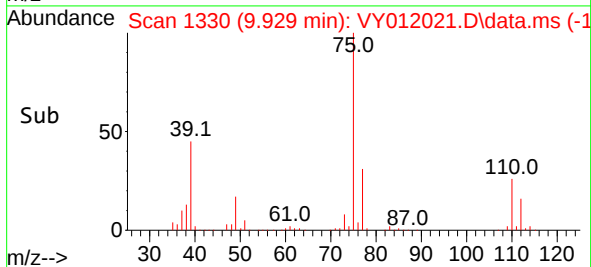
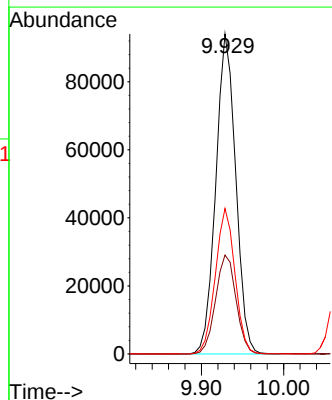
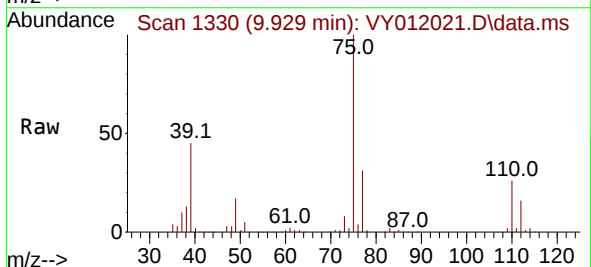
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

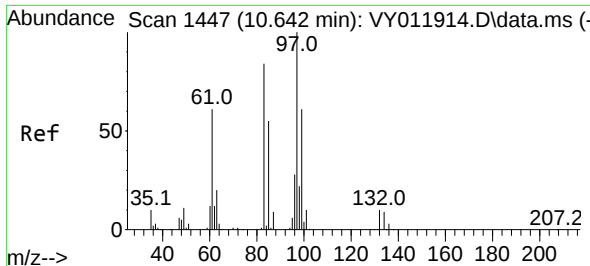
Tgt Ion: 75 Resp: 145130
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.723 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 75 Resp: 158267
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
39 45.4 34.6 52.0



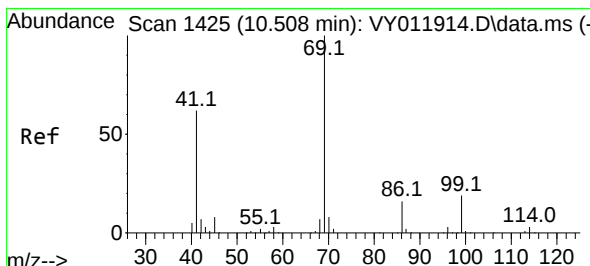
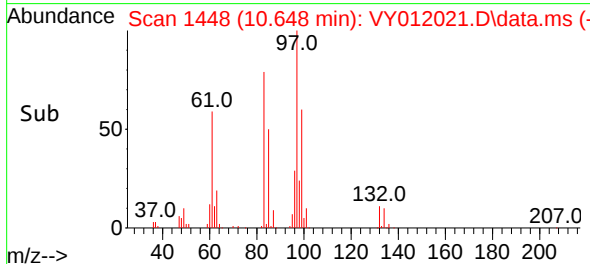
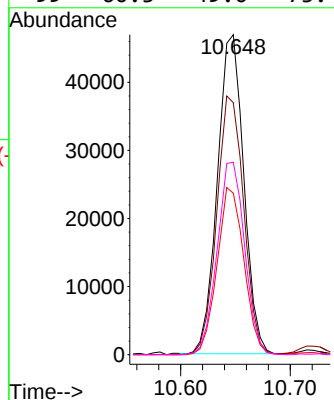
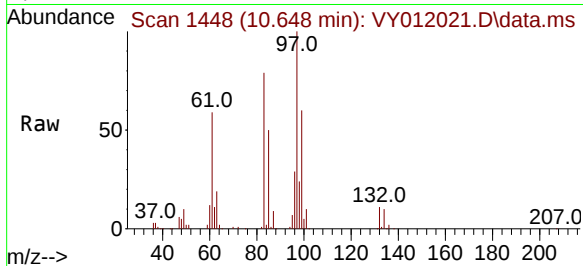


#55
1,1,2-Trichloroethane
Concen: 50.947 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 78287

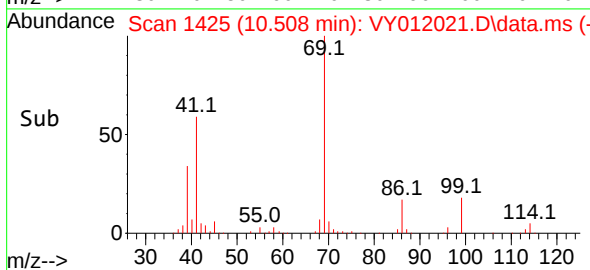
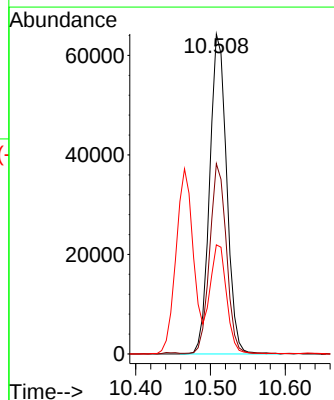
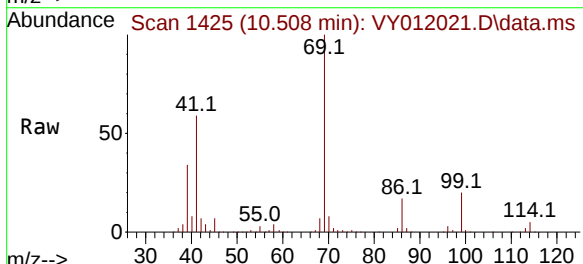
Ion	Ratio	Lower	Upper
97	100		
83	79.0	67.7	101.5
85	50.6	43.8	65.8
99	60.3	49.0	73.4

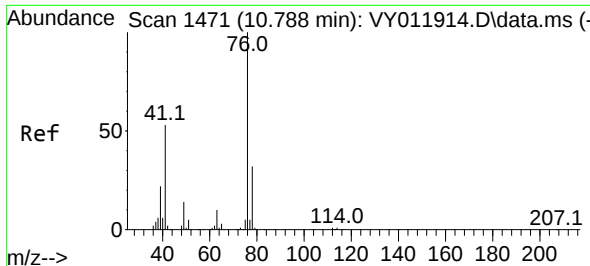


#56
Ethyl methacrylate
Concen: 52.233 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 69 Resp: 101621

Ion	Ratio	Lower	Upper
69	100		
41	58.2	48.9	73.3
39	33.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 51.272 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

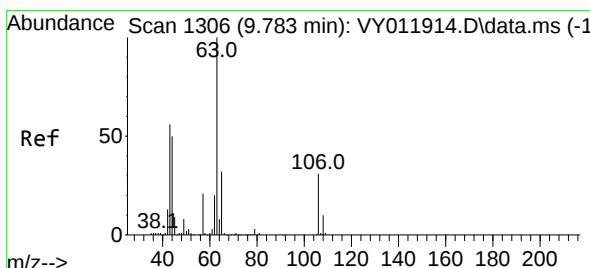
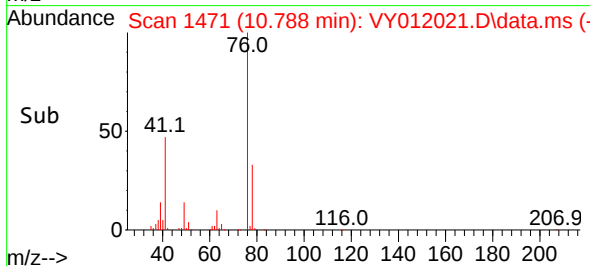
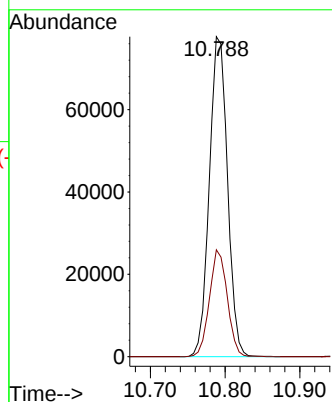
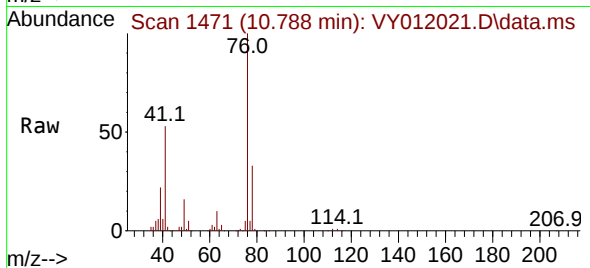
VSTDCCC050

Tgt Ion: 76 Resp: 131478

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 220.979 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012021.D

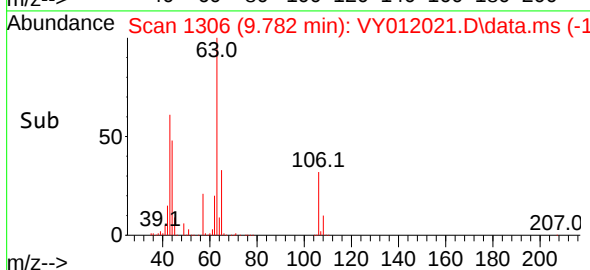
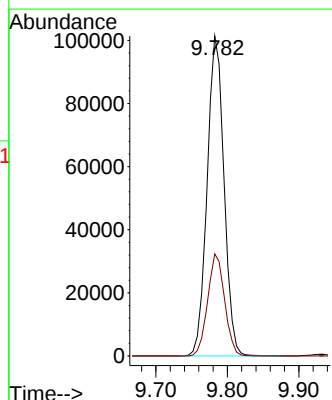
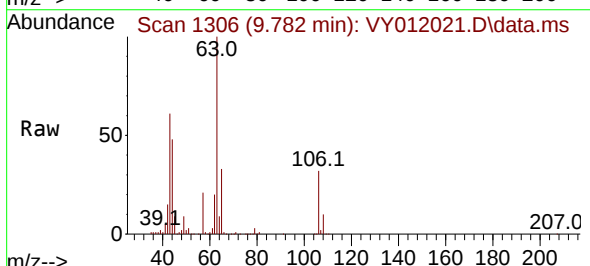
Acq: 29 Dec 2022 11:56

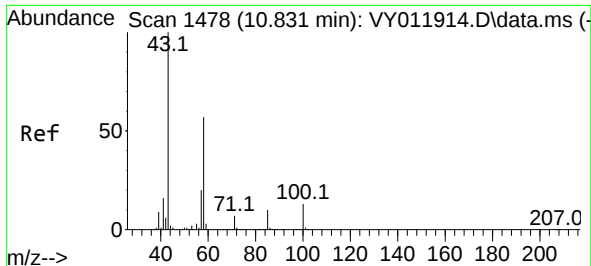
Tgt Ion: 63 Resp: 165897

Ion Ratio Lower Upper

63 100

106 32.1 23.2 34.8





#59

2-Hexanone

Concen: 244.719 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

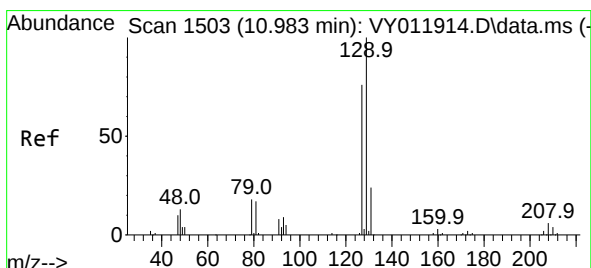
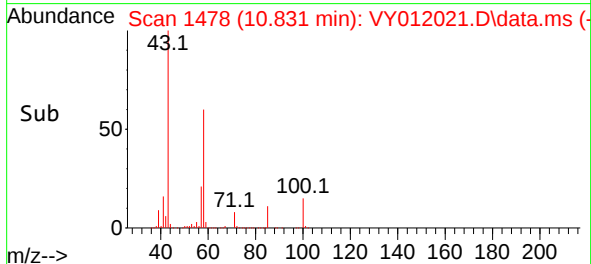
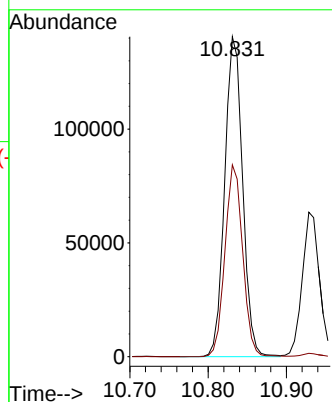
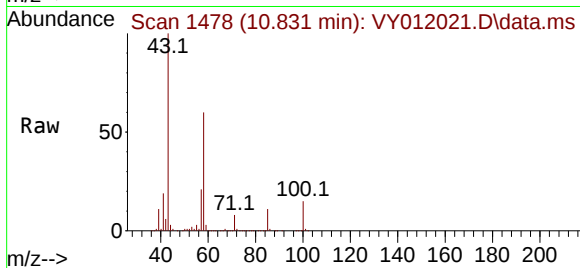
VSTDCCC050

Tgt Ion: 43 Resp: 223636

Ion Ratio Lower Upper

43 100

58 59.4 28.4 85.2



#60

Dibromochloromethane

Concen: 54.136 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY012021.D

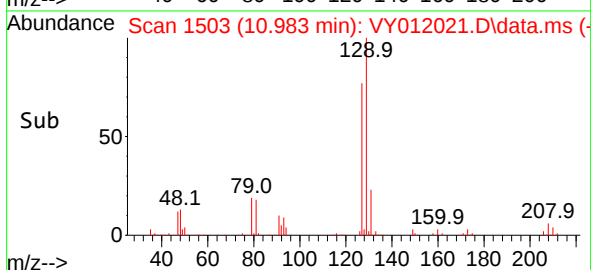
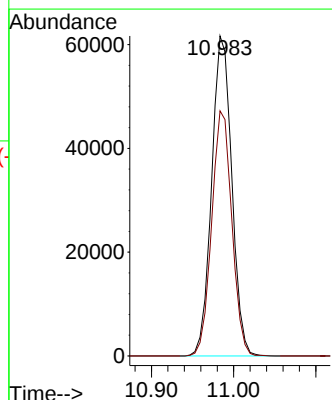
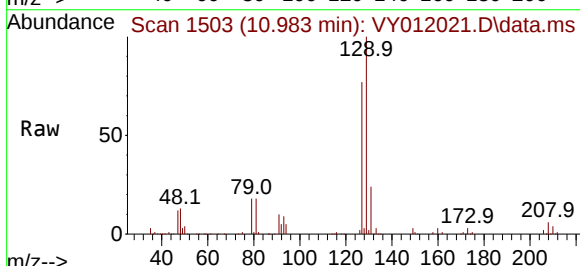
Acq: 29 Dec 2022 11:56

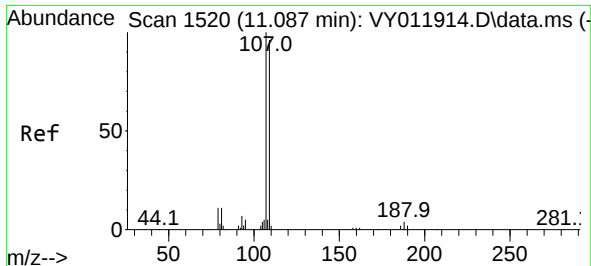
Tgt Ion: 129 Resp: 104794

Ion Ratio Lower Upper

129 100

127 76.6 38.9 116.6

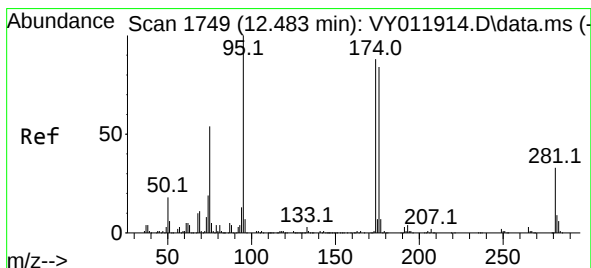
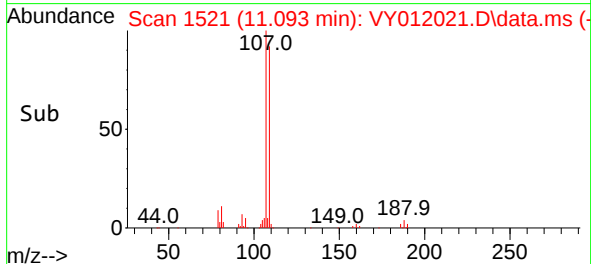
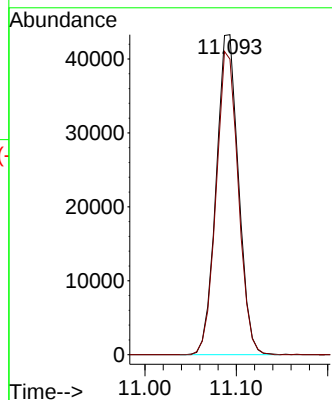
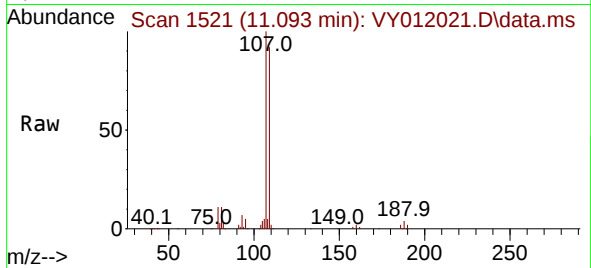




#61
1,2-Dibromoethane
Concen: 51.152 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

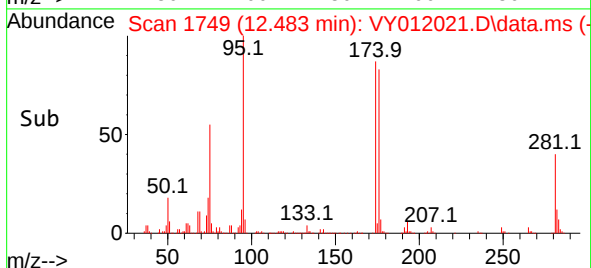
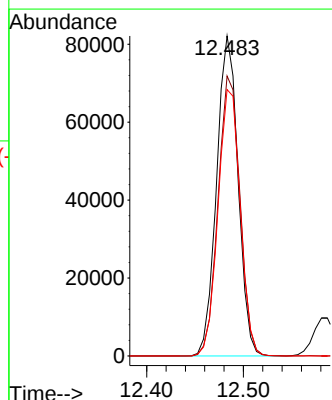
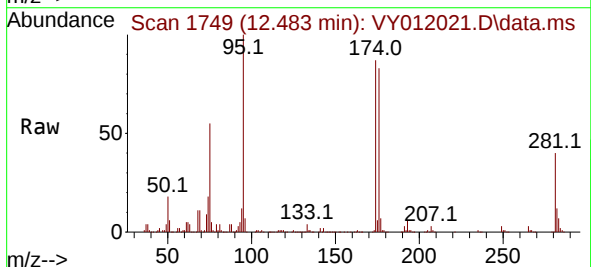
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

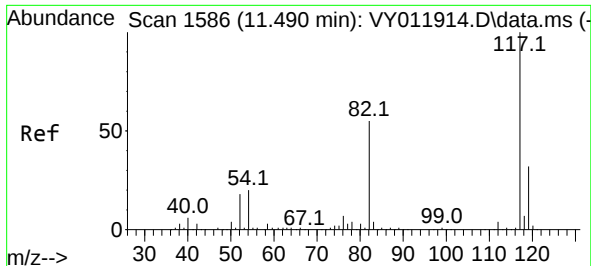
Tgt Ion:107 Resp: 73538
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 52.272 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 95 Resp: 126423
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.0
176 86.1 0.0 167.6

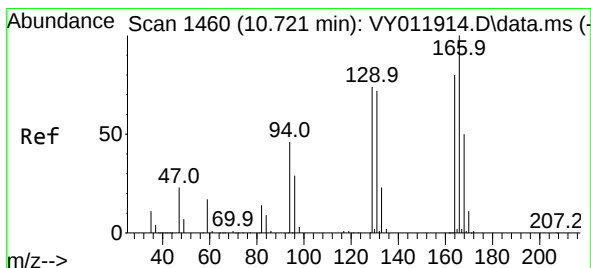
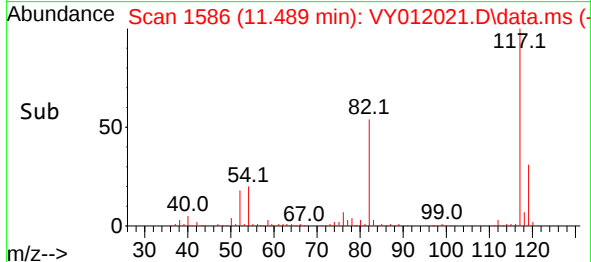
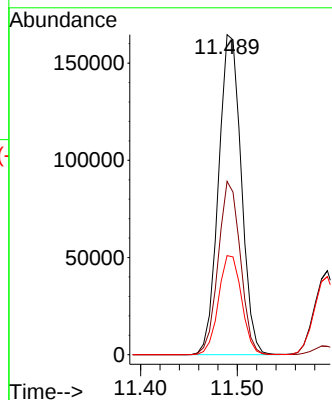
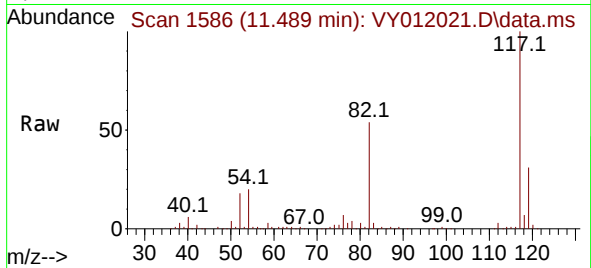




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

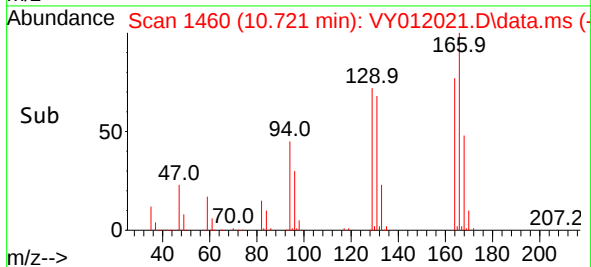
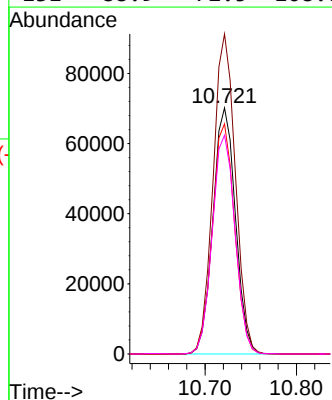
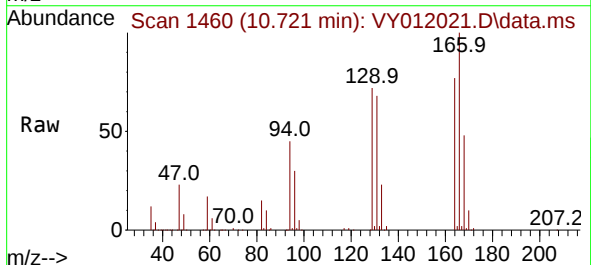
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

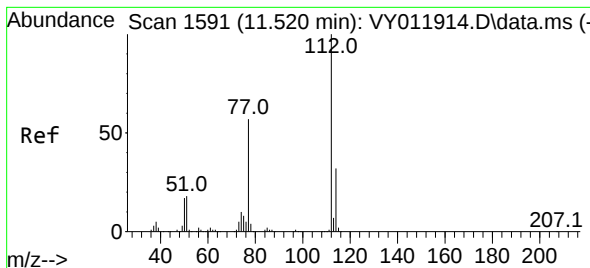
Tgt Ion:117 Resp: 268243
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 51.183 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:164 Resp: 120176
Ion Ratio Lower Upper
164 100
166 130.0 102.3 153.5
129 93.5 77.2 115.8
131 88.9 72.5 108.7

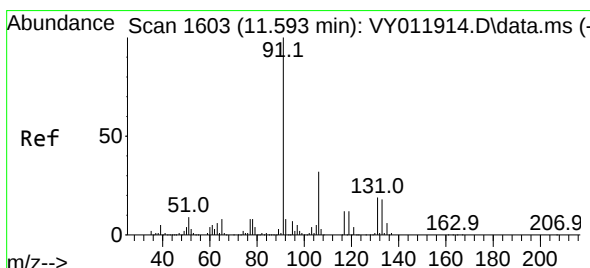
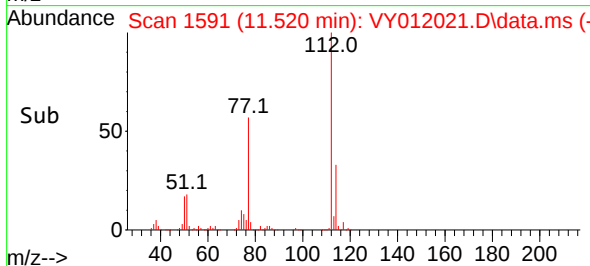
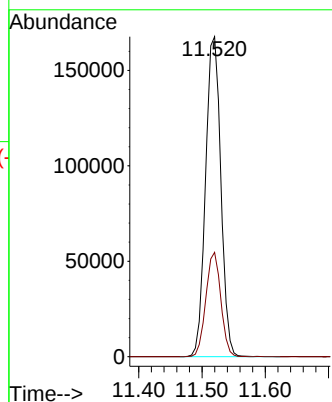
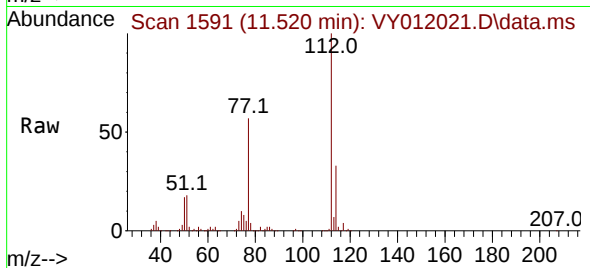




#65
Chlorobenzene
Concen: 50.580 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

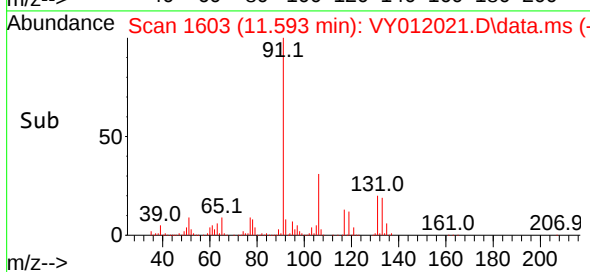
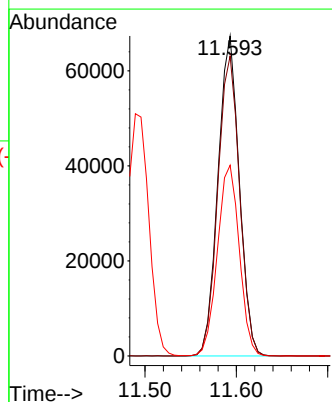
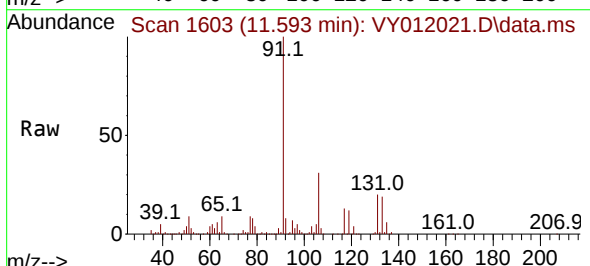
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

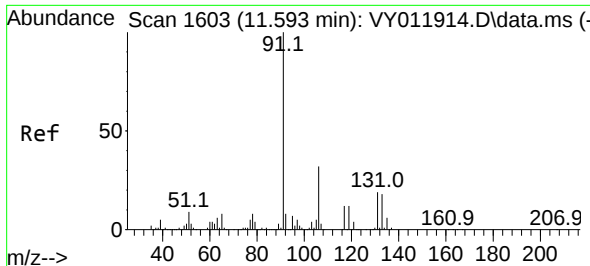
Tgt Ion:112 Resp: 281717
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.670 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:131 Resp: 109147
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 61.3 32.1 96.3





#67

Ethyl Benzene

Concen: 51.408 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

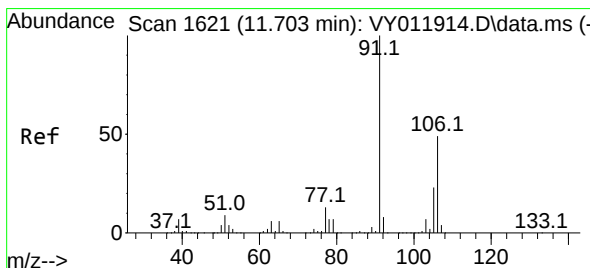
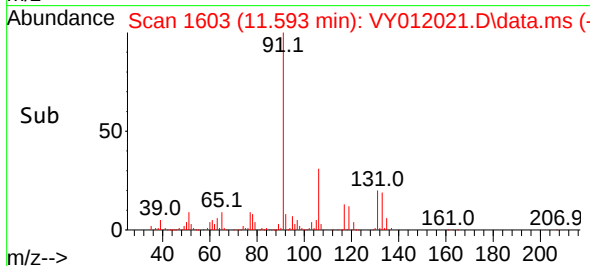
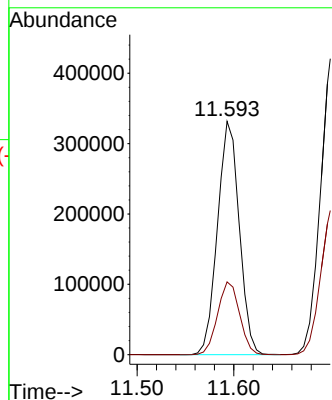
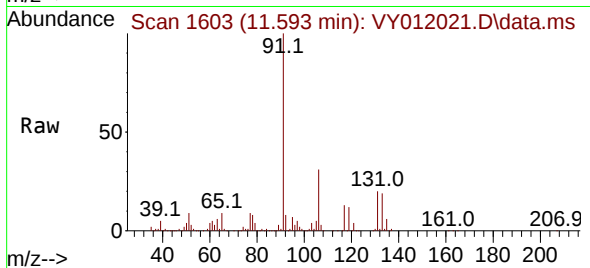
VSTDCCC050

Tgt Ion: 91 Resp: 517565

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 102.828 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012021.D

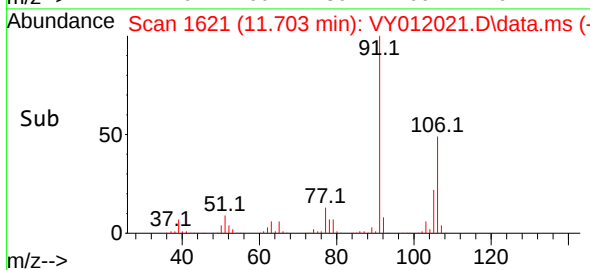
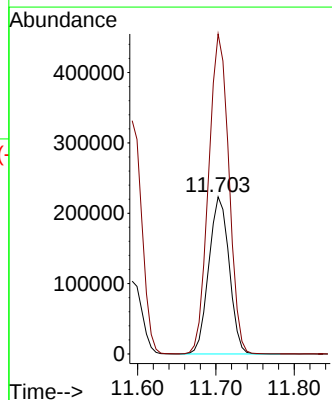
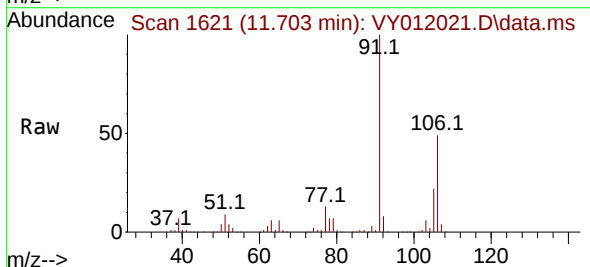
Acq: 29 Dec 2022 11:56

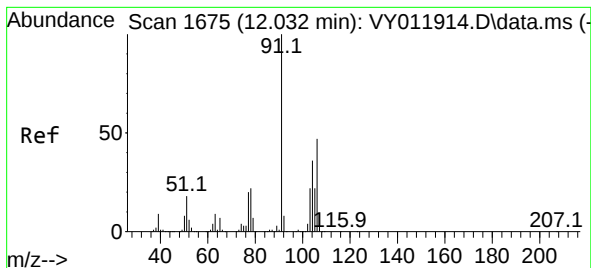
Tgt Ion: 106 Resp: 402615

Ion Ratio Lower Upper

106 100

91 203.5 162.5 243.7

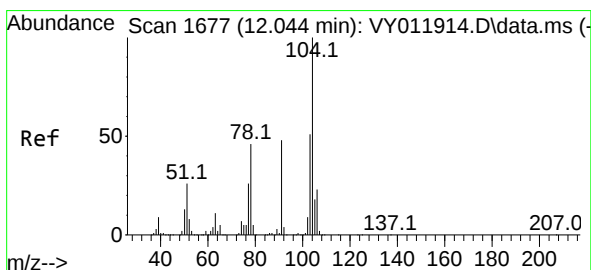
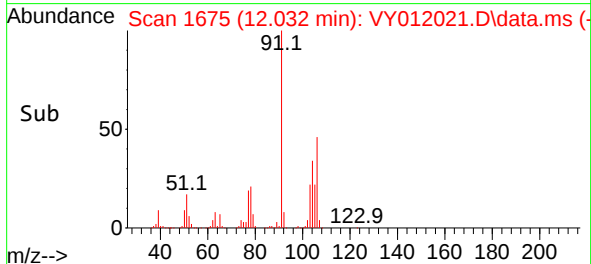
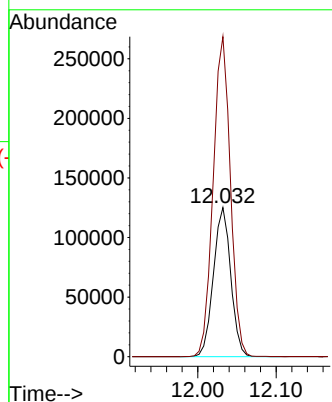
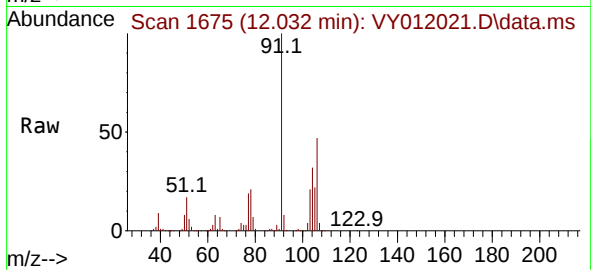




#69
o-Xylene
Concen: 52.721 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

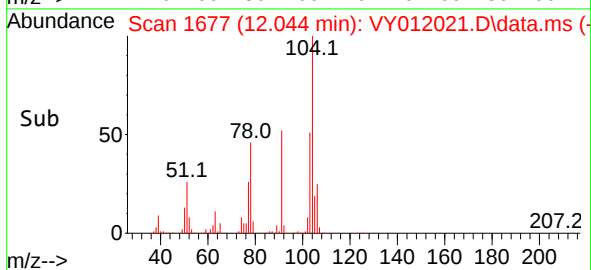
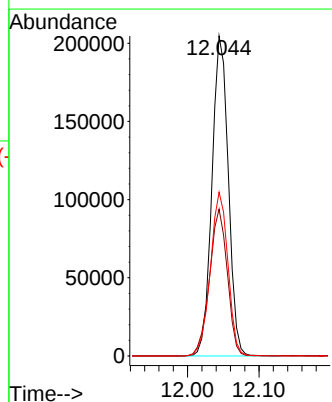
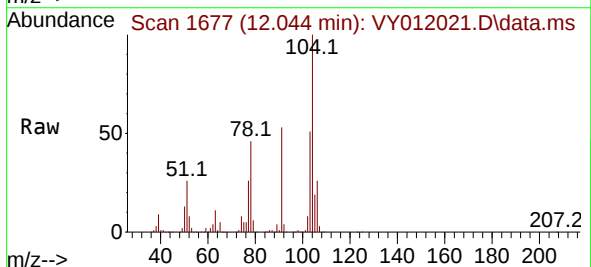
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

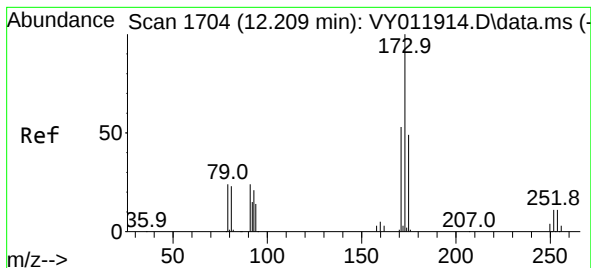
Tgt Ion:106 Resp: 192067
Ion Ratio Lower Upper
106 100
91 213.9 107.5 322.4



#70
Styrene
Concen: 53.250 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:104 Resp: 325728
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 54.186 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

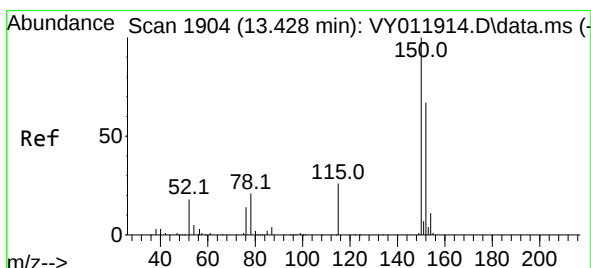
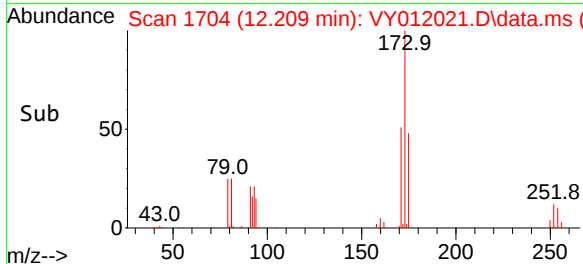
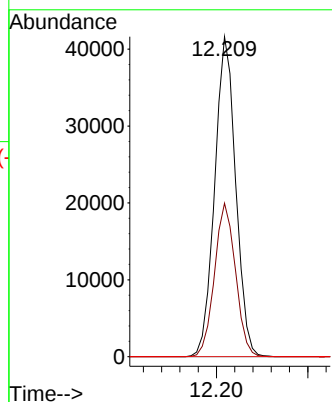
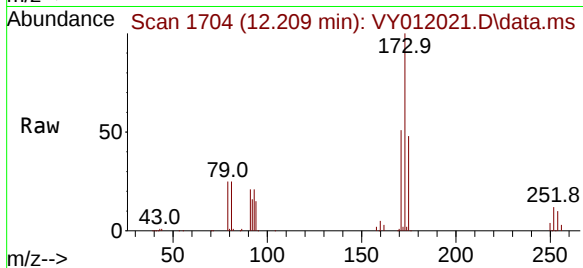
Tgt Ion:173 Resp: 66536

Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

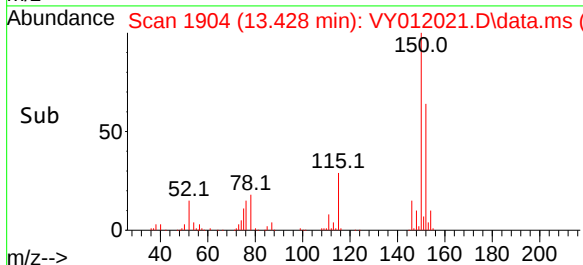
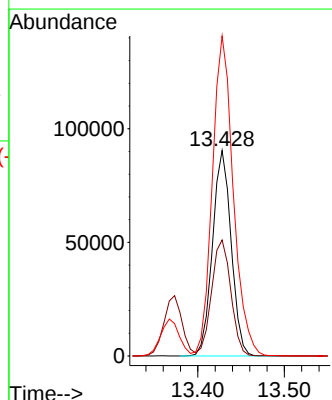
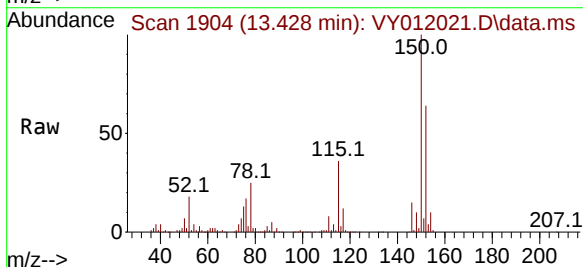
Tgt Ion:152 Resp: 135436

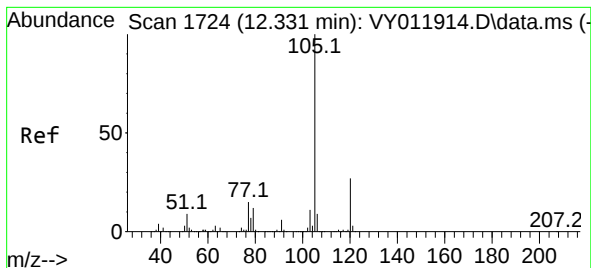
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 174.8 0.0 342.6





#73

Isopropylbenzene

Concen: 52.108 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

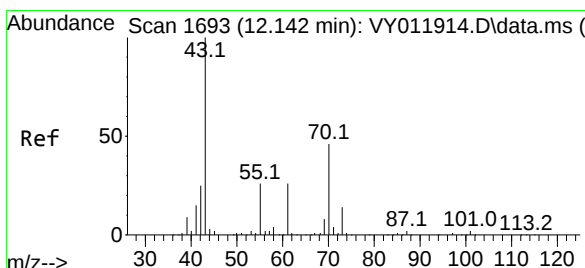
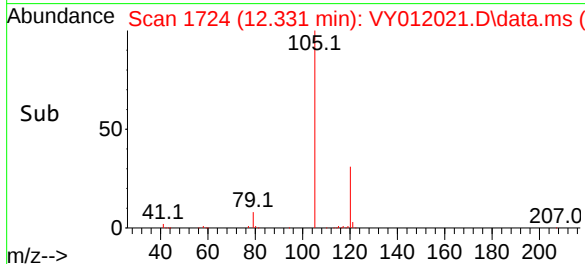
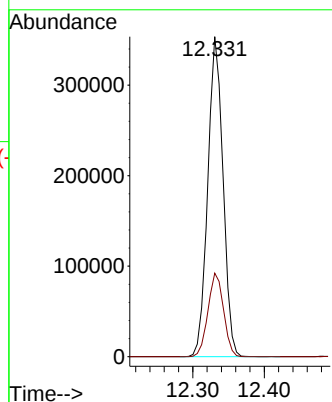
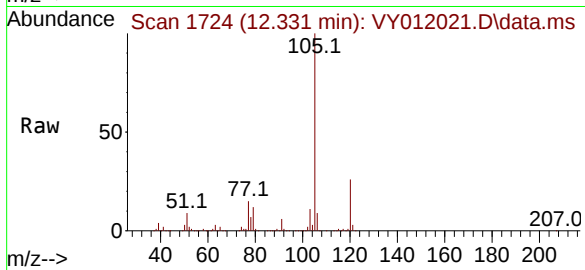
VSTDCCC050

Tgt Ion:105 Resp: 523694

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 49.047 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Tgt Ion: 43 Resp: 101057

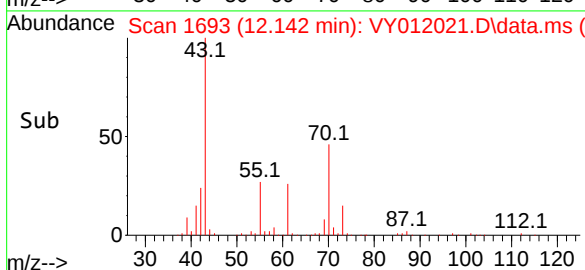
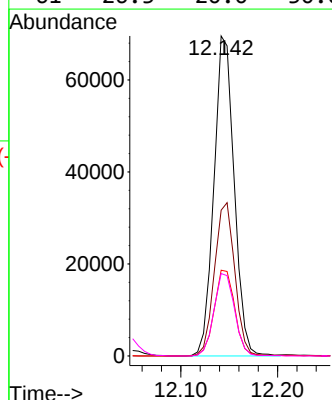
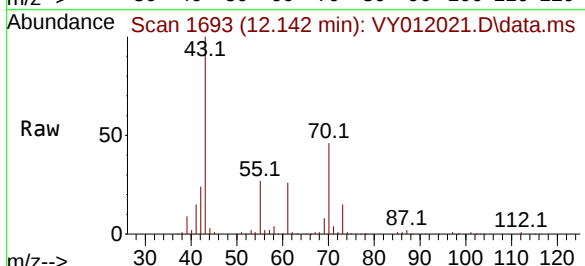
Ion Ratio Lower Upper

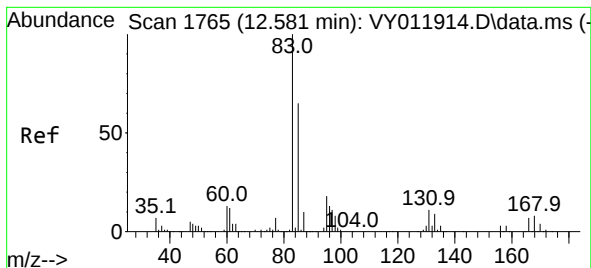
43 100

70 48.1 35.8 53.8

55 27.4 21.0 31.4

61 26.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.630 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

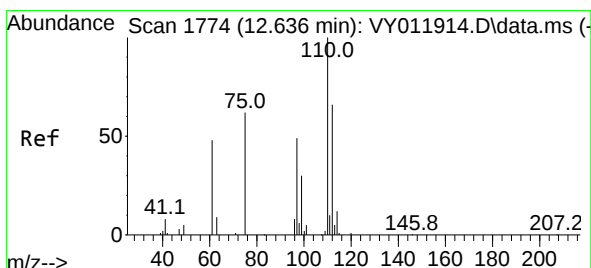
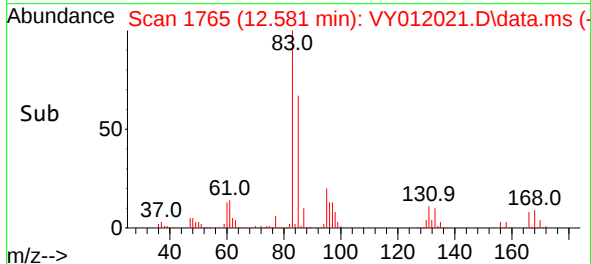
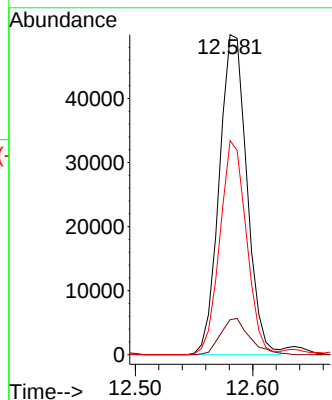
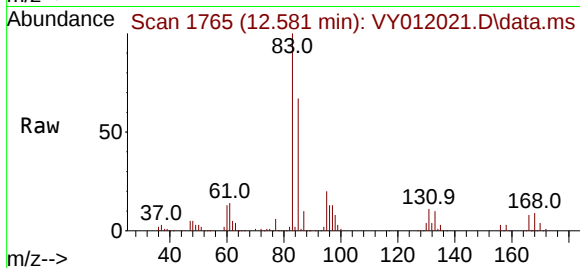
Tgt Ion: 83 Resp: 81534

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

85 64.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 41.956 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012021.D

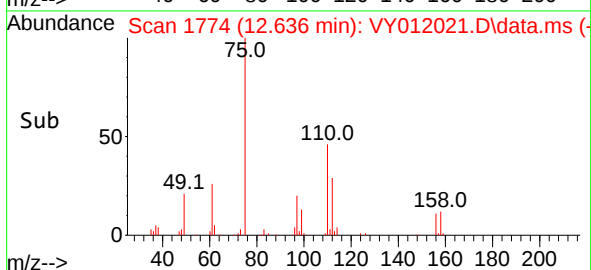
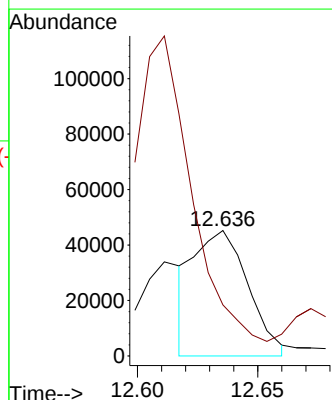
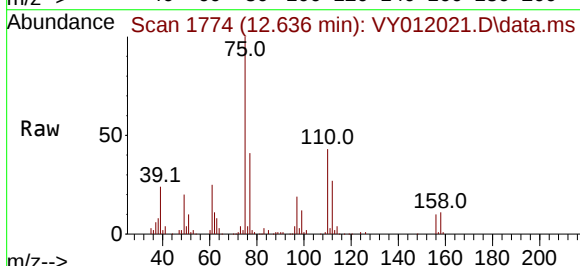
Acq: 29 Dec 2022 11:56

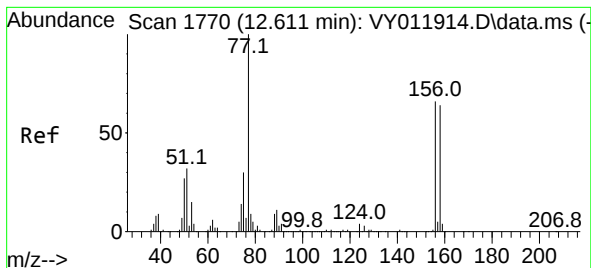
Tgt Ion: 75 Resp: 70707

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.917 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

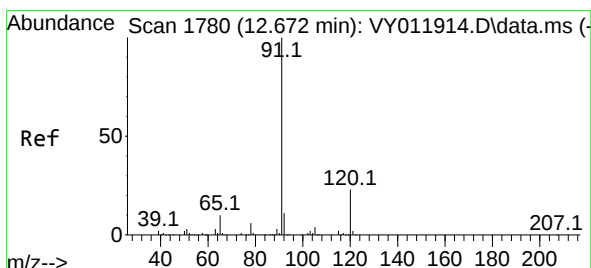
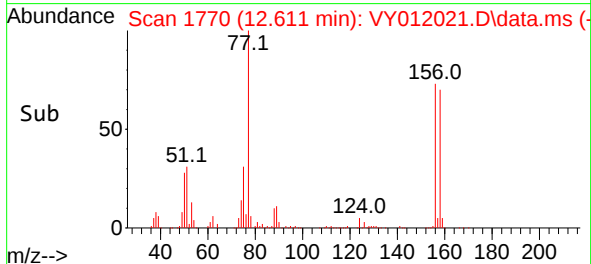
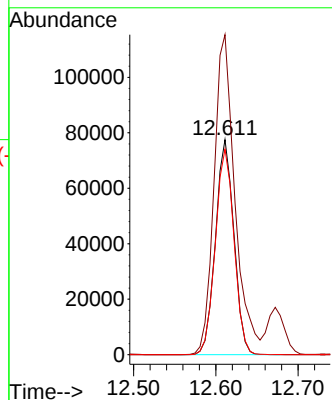
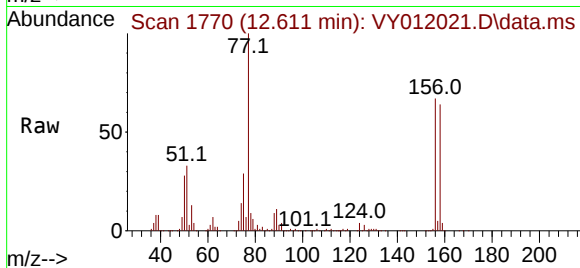
Tgt Ion:156 Resp: 120714

Ion Ratio Lower Upper

156 100

77 168.7 90.0 270.0

158 97.2 48.4 145.2



#78

n-propylbenzene

Concen: 51.354 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012021.D

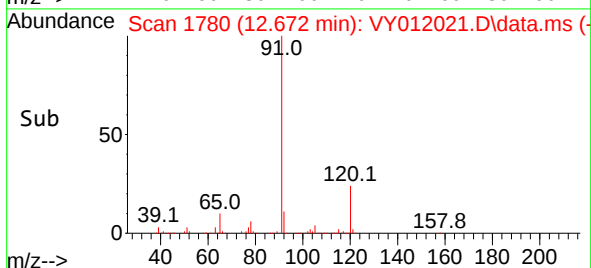
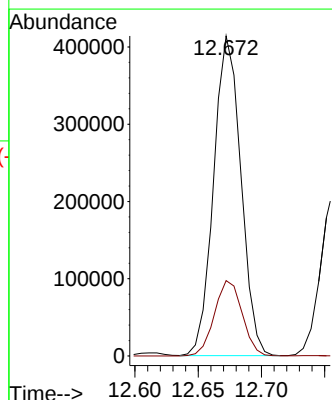
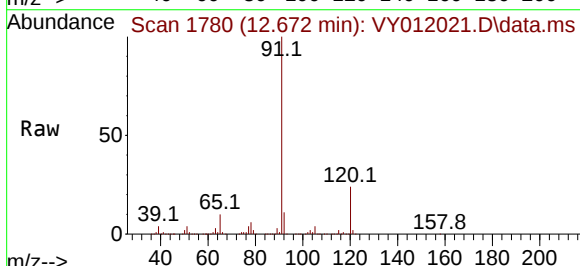
Acq: 29 Dec 2022 11:56

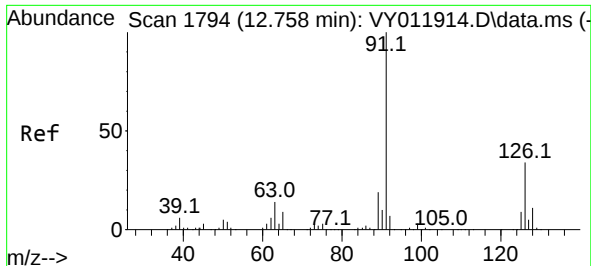
Tgt Ion: 91 Resp: 620387

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4

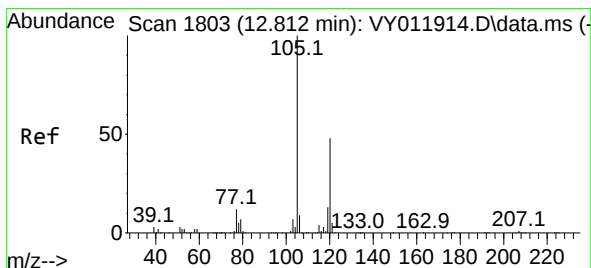
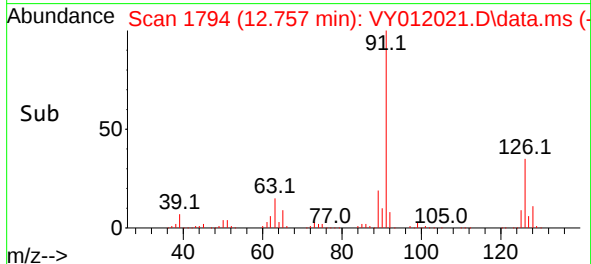
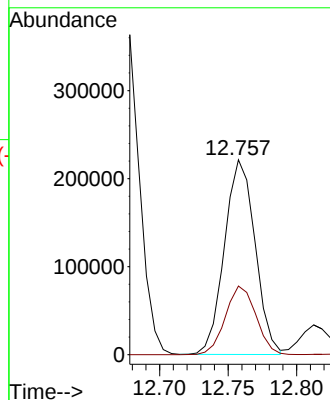
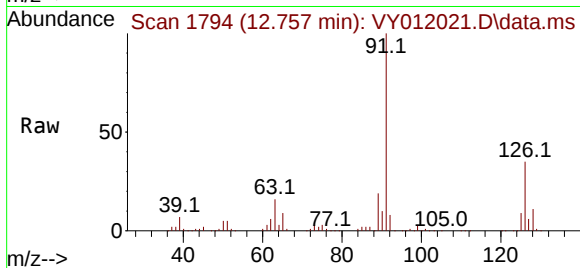




#79
2-Chlorotoluene
Concen: 50.782 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

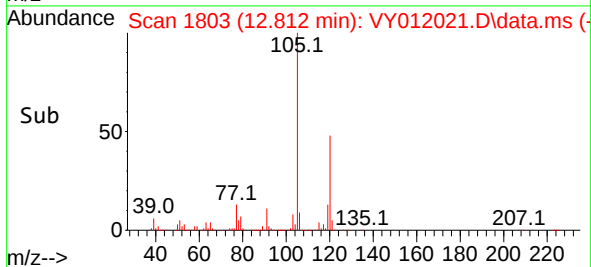
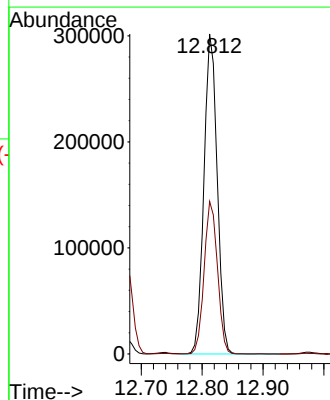
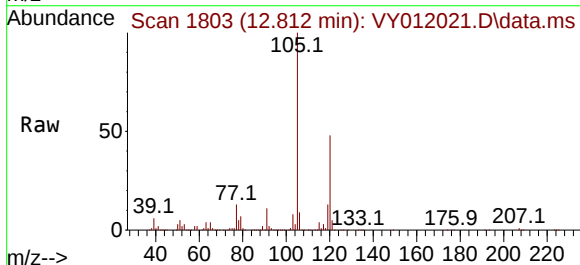
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

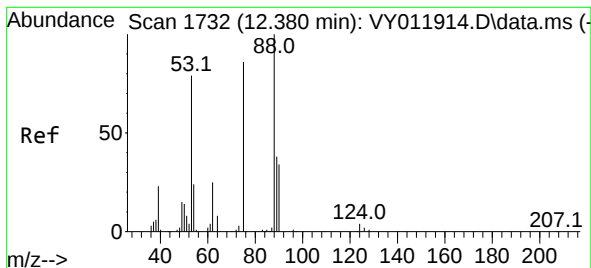
Tgt Ion: 91 Resp: 344840
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 53.026 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 105 Resp: 456272
Ion Ratio Lower Upper
105 100
120 47.9 24.2 72.6

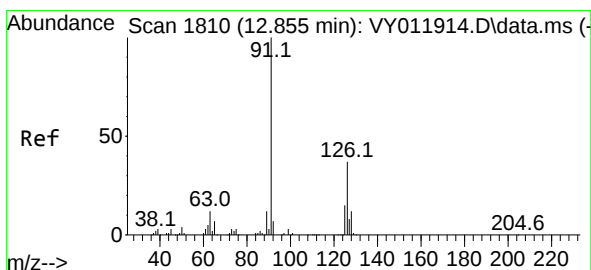
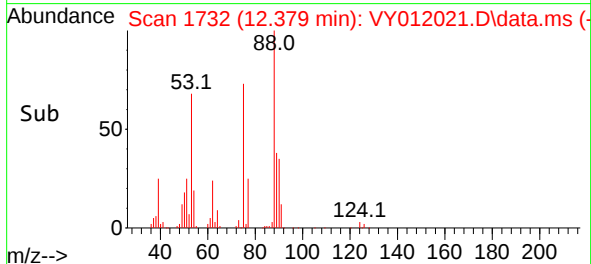
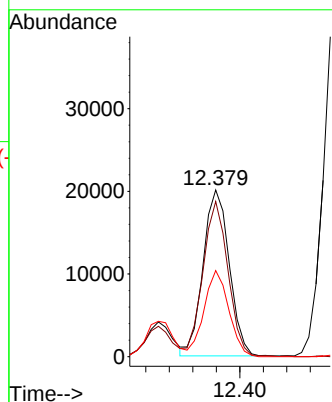
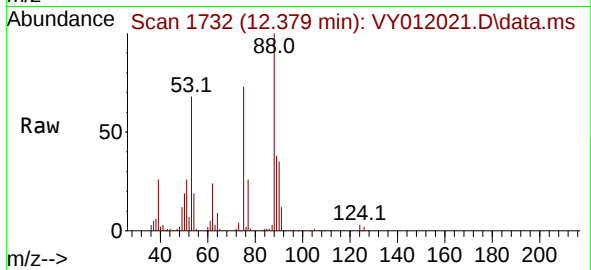




#81
trans-1,4-Dichloro-2-butene
Concen: 50.372 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

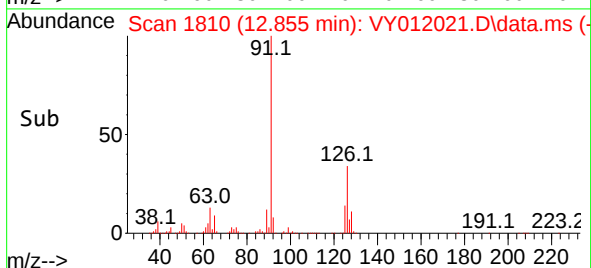
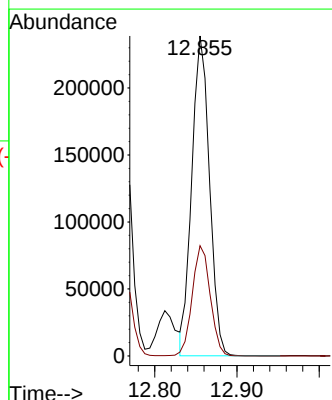
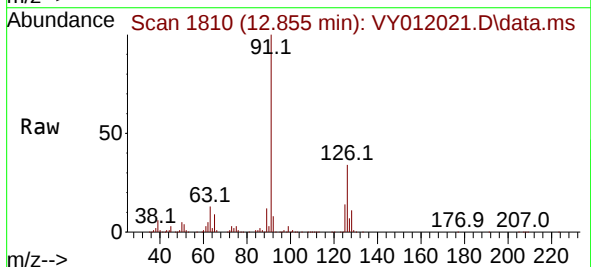
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

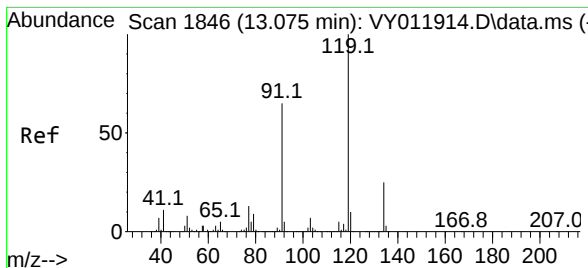
Tgt Ion: 75 Resp: 30999
Ion Ratio Lower Upper
75 100
53 90.8 72.5 108.7
89 49.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.749 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion: 91 Resp: 356568
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.866 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

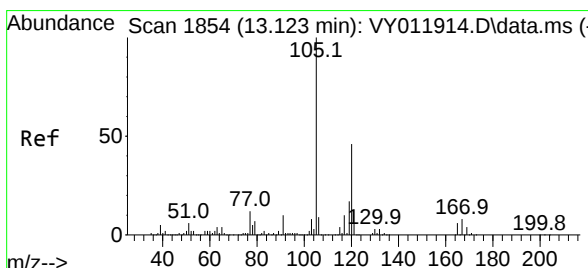
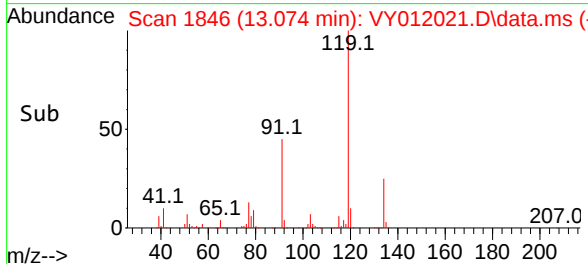
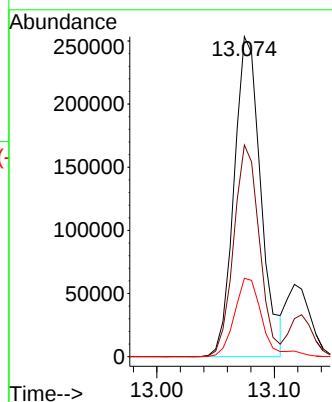
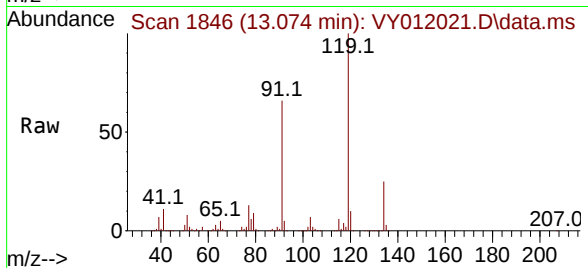
Tgt Ion:119 Resp: 400103

Ion Ratio Lower Upper

119 100

91 63.9 32.3 96.8

134 25.3 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 52.736 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012021.D

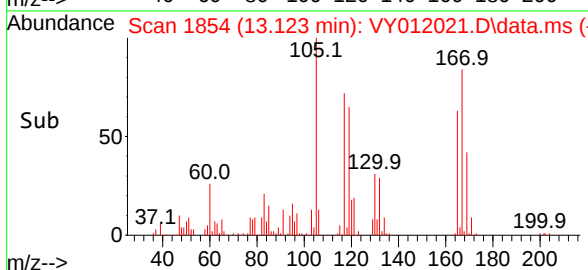
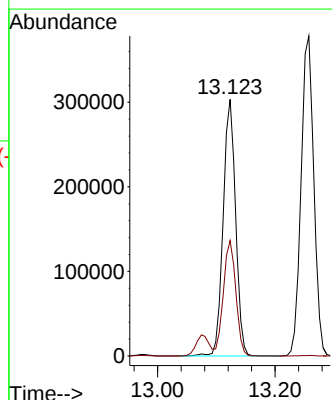
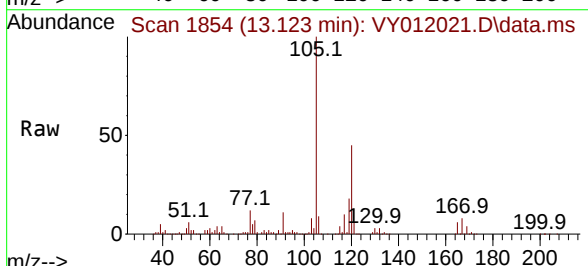
Acq: 29 Dec 2022 11:56

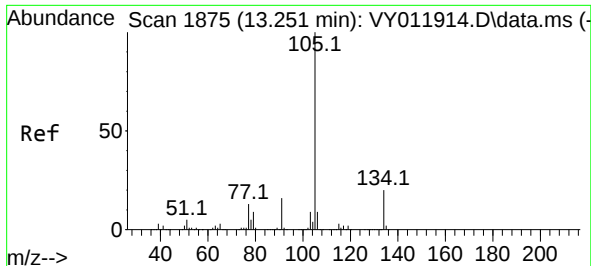
Tgt Ion:105 Resp: 446412

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7

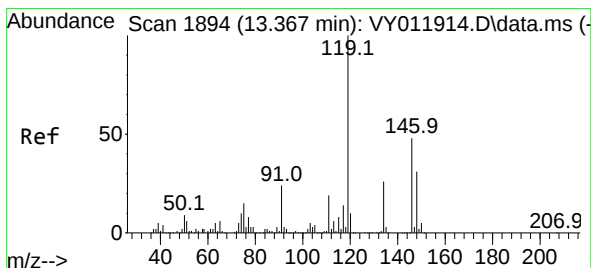
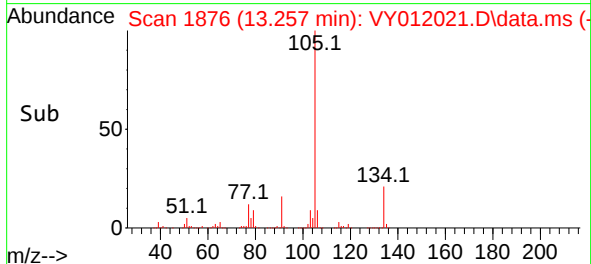
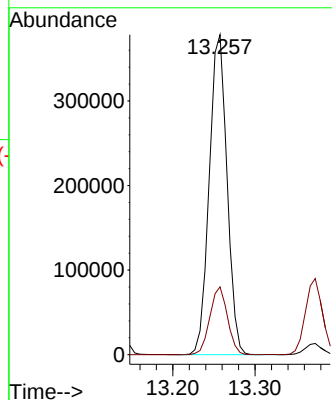
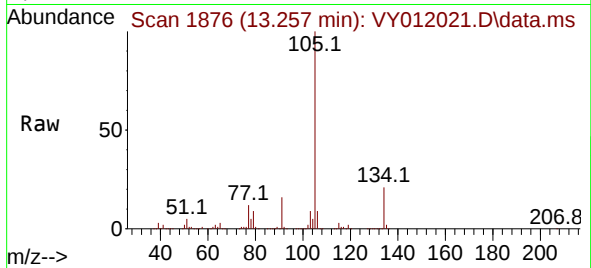




#85
 sec-Butylbenzene
 Concen: 52.133 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

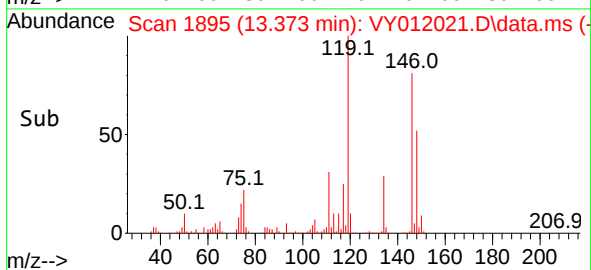
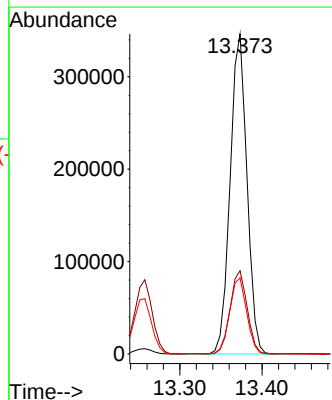
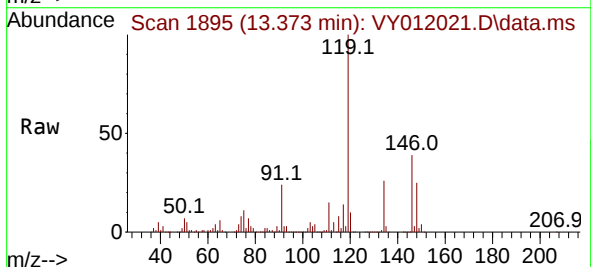
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

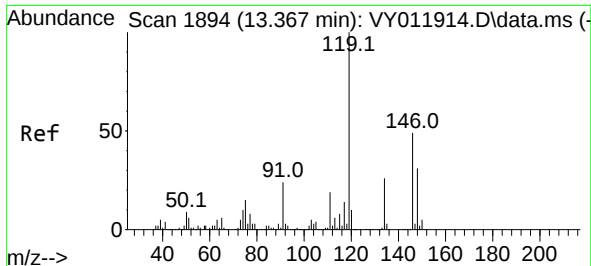
Tgt Ion:105 Resp: 567700
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.605 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012021.D
 Acq: 29 Dec 2022 11:56

Tgt Ion:119 Resp: 492535
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.1 11.9 35.9

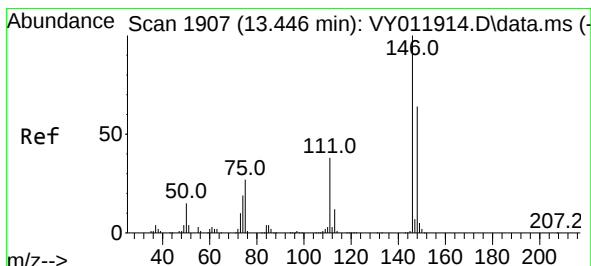
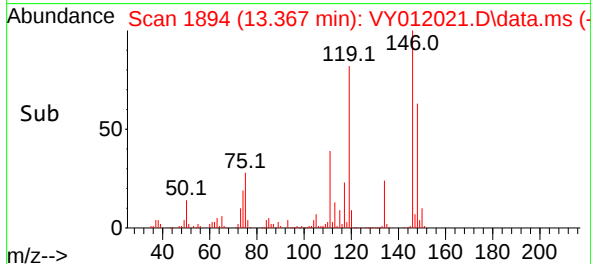
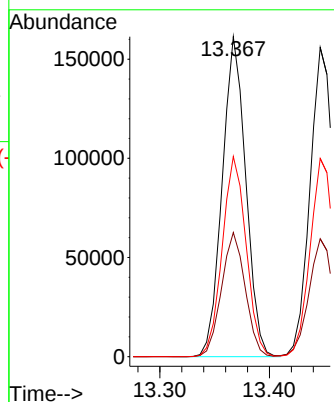
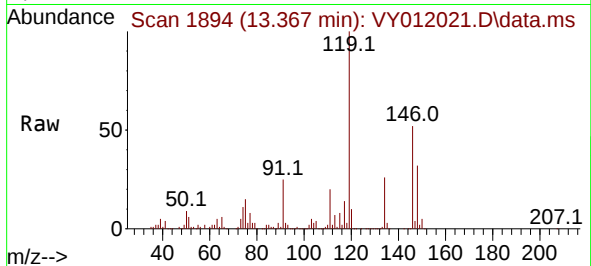




#87
1,3-Dichlorobenzene
Concen: 51.587 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

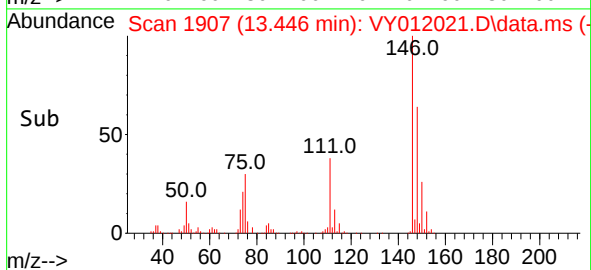
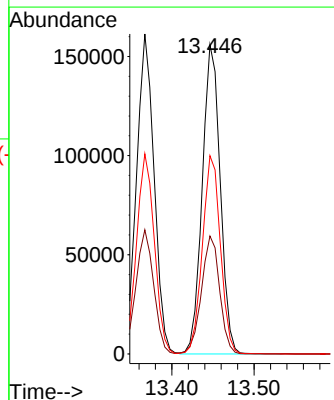
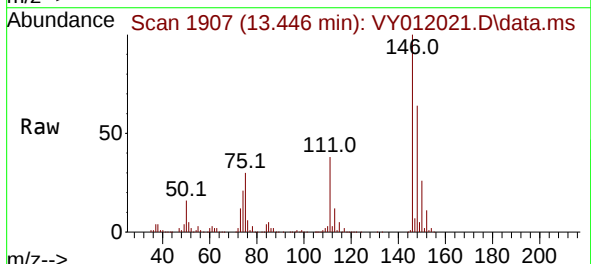
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

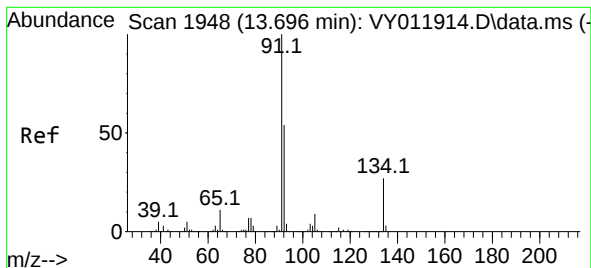
Tgt Ion:146 Resp: 241225
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.0
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.957 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:146 Resp: 236879
Ion Ratio Lower Upper
146 100
111 38.5 19.6 58.7
148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 52.650 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

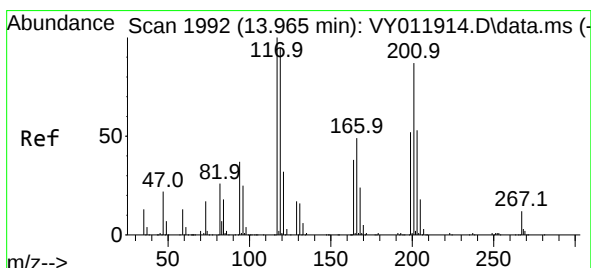
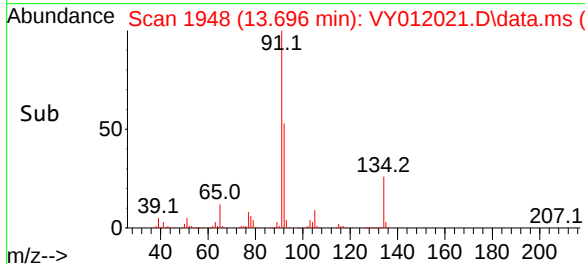
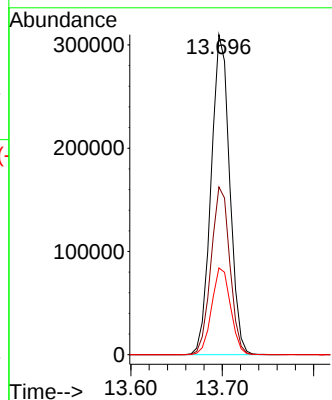
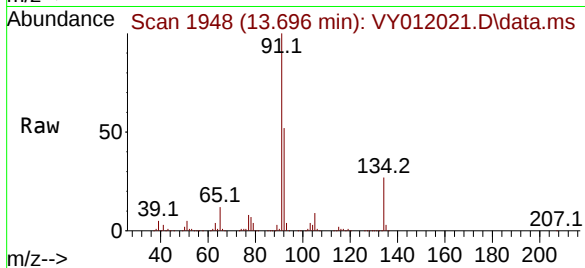
Tgt Ion: 91 Resp: 437935

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

134 27.6 13.3 39.8



#90

Hexachloroethane

Concen: 50.845 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012021.D

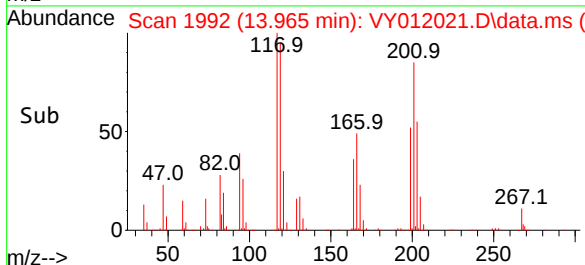
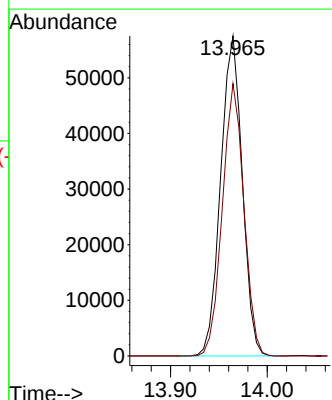
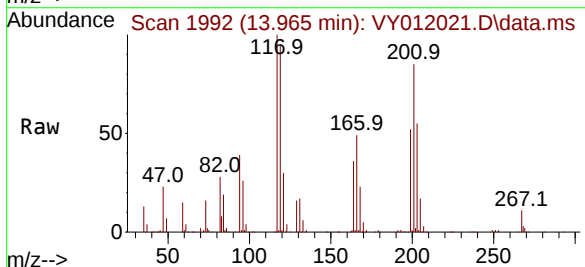
Acq: 29 Dec 2022 11:56

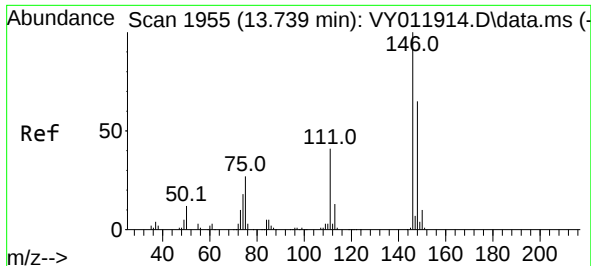
Tgt Ion: 117 Resp: 89140

Ion Ratio Lower Upper

117 100

201 84.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 52.199 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

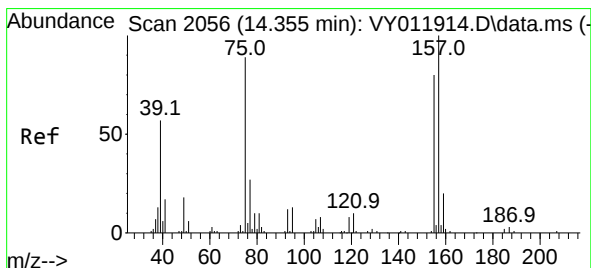
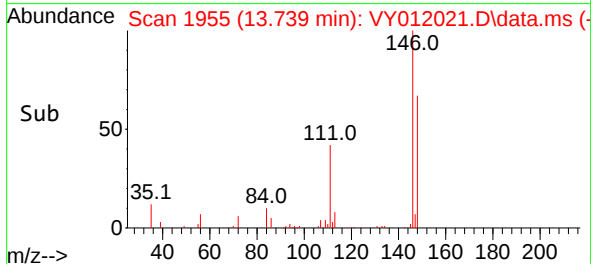
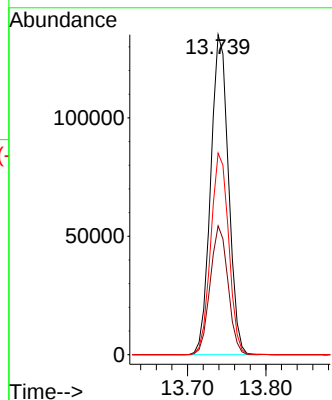
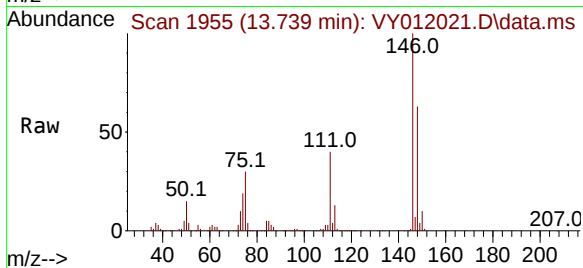
Tgt Ion:146 Resp: 212794

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.8

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.323 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

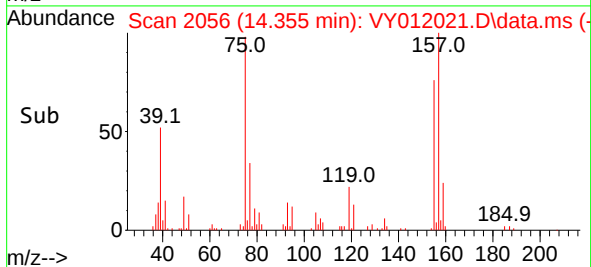
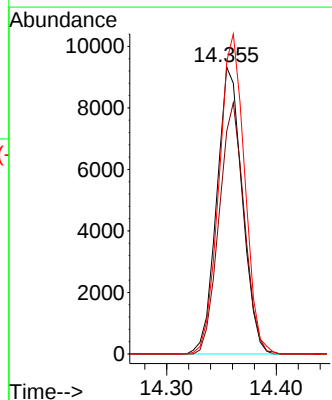
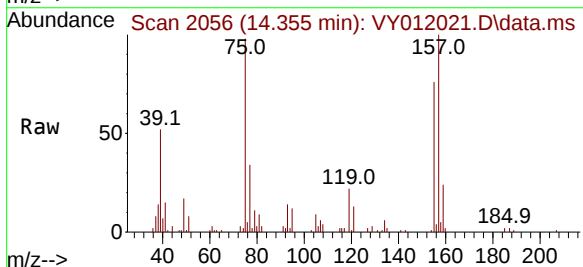
Tgt Ion: 75 Resp: 15076

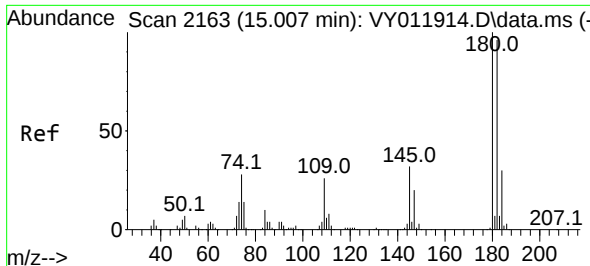
Ion Ratio Lower Upper

75 100

155 86.2 42.3 126.8

157 111.5 54.4 163.3

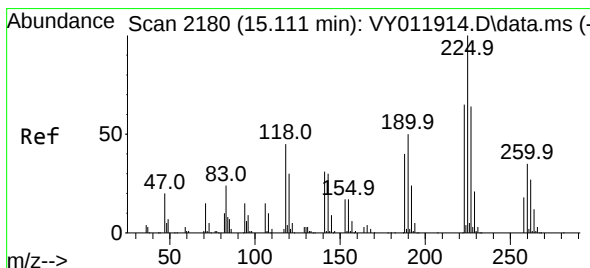
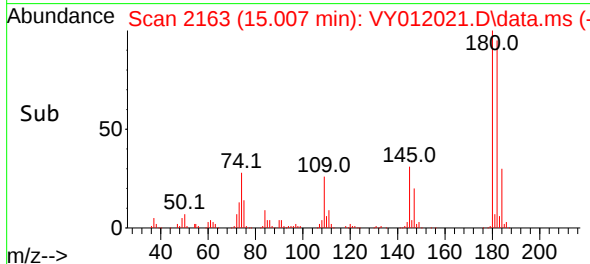
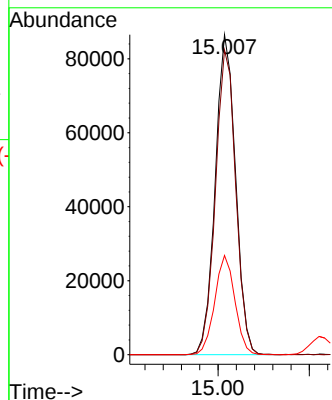
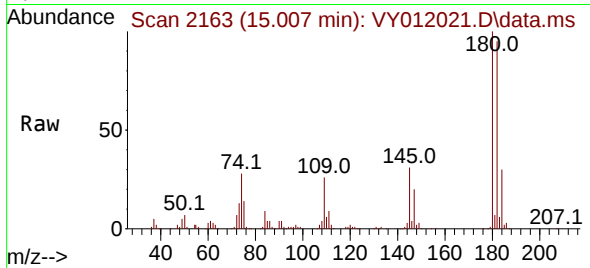




#93
1,2,4-Trichlorobenzene
Concen: 55.672 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

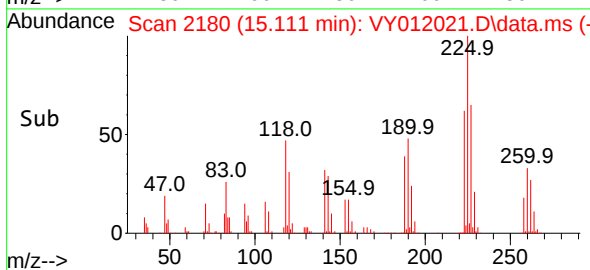
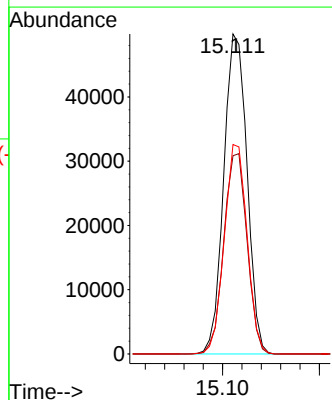
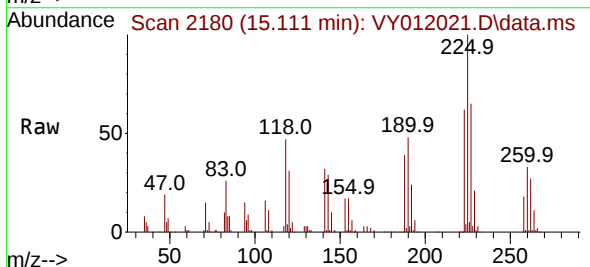
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

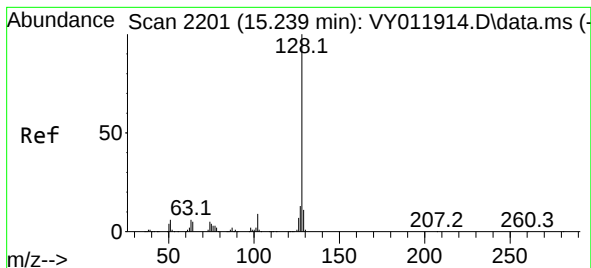
Tgt Ion:180 Resp: 133504
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.3
145 30.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 53.672 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012021.D
Acq: 29 Dec 2022 11:56

Tgt Ion:225 Resp: 83166
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.2
227 64.2 32.6 97.8





#95

Naphthalene

Concen: 50.839 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

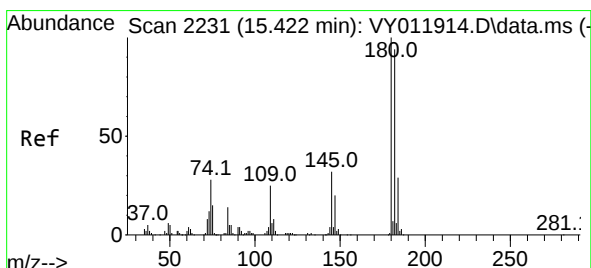
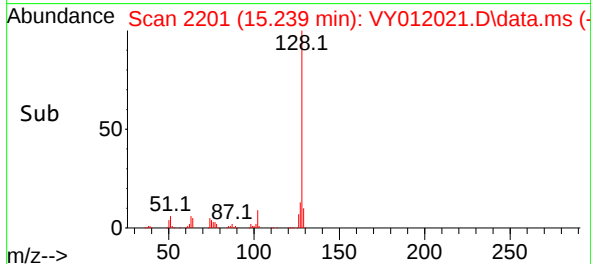
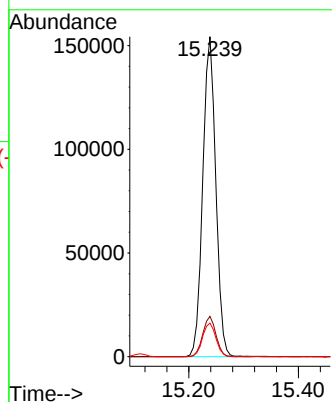
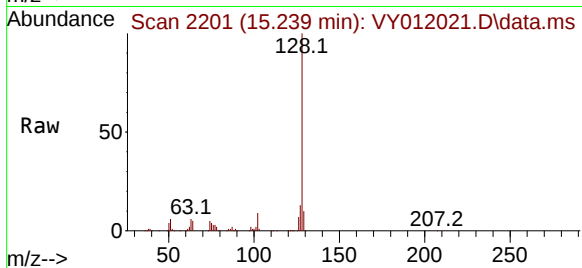
Tgt Ion:128 Resp: 253827

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.175 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012021.D

Acq: 29 Dec 2022 11:56

Tgt Ion:180 Resp: 113893

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 32.0 16.1 48.2

