

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012072.D
 Acq On : 04 Jan 2023 16:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 05 00:42:54 2023
 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	7.783	168	197495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104472	52.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.020%	
35) Dibromofluoromethane	7.710	113	98574	55.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.900%	
50) Toluene-d8	10.179	98	373608	51.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.477	95	136030	56.079	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82658	52.353	ug/l	98
3) Chloromethane	2.113	50	77811	44.268	ug/l	98
4) Vinyl Chloride	2.247	62	89366	46.102	ug/l	97
5) Bromomethane	2.644	94	63761	46.235	ug/l	99
6) Chloroethane	2.790	64	60673	47.886	ug/l	99
7) Trichlorofluoromethane	3.119	101	181919	53.611	ug/l	98
8) Diethyl Ether	3.527	74	58742	56.105	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	99590	53.314	ug/l	96
10) Methyl Iodide	4.082	142	129416	50.074	ug/l	97
11) Tert butyl alcohol	4.942	59	49277	253.173	ug/l	100
12) 1,1-Dichloroethene	3.869	96	95162	50.929	ug/l	96
13) Acrolein	3.723	56	30829	165.750	ug/l	100
14) Allyl chloride	4.472	41	137052	49.808	ug/l	94
15) Acrylonitrile	5.155	53	141373	290.270	ug/l	100
16) Acetone	3.942	43	146098	246.018	ug/l	97
17) Carbon Disulfide	4.186	76	245094	41.121	ug/l	99
18) Methyl Acetate	4.472	43	75408	54.847	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	290645	60.623	ug/l	96
20) Methylene Chloride	4.710	84	135594	60.492	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	106269	50.053	ug/l	98
22) Diisopropyl ether	6.112	45	291197	53.733	ug/l	97
23) Vinyl Acetate	6.051	43	866625	277.945	ug/l	96
24) 1,1-Dichloroethane	6.015	63	186495	52.941	ug/l	99
25) 2-Butanone	6.978	43	177787	268.240	ug/l	93
26) 2,2-Dichloropropane	6.978	77	185026	53.677	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	124808	54.352	ug/l	97
28) Bromochloromethane	7.326	49	37668	38.967	ug/l	86
29) Tetrahydrofuran	7.338	42	104875	279.278	ug/l	92
30) Chloroform	7.502	83	208881	55.013	ug/l	98
31) Cyclohexane	7.777	56	149548	44.647	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	197637	54.726	ug/l	98
36) 1,1-Dichloropropene	7.911	75	145432	51.003	ug/l	98
37) Ethyl Acetate	7.070	43	71706	56.051	ug/l	96
38) Carbon Tetrachloride	7.899	117	182057	55.283	ug/l	96
39) Methylcyclohexane	9.179	83	172784	50.359	ug/l	96
40) Benzene	8.155	78	430088	52.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	101987	164.860	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	136012	57.899	ug/l	99
43) Isopropyl Acetate	8.271	43	135710	58.084	ug/l	97
44) Trichloroethene	8.935	130	125730	54.664	ug/l	96
45) 1,2-Dichloropropane	9.209	63	99516	52.782	ug/l	98
46) Dibromomethane	9.301	93	61761	56.868	ug/l	97
47) Bromodichloromethane	9.496	83	159286	57.812	ug/l	96
48) Methyl methacrylate	9.289	41	65455	60.505	ug/l	98
49) 1,4-Dioxane	9.295	88	17405	1342.297	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	367222	294.757	ug/l	97
52) Toluene	10.240	92	283579	54.545	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	162717	58.445	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	179607	57.393	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	89996	58.395	ug/l	97
56) Ethyl methacrylate	10.508	69	121553	62.294	ug/l	96
57) 1,3-Dichloropropane	10.788	76	149879	58.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	198028	263.003	ug/l	93
59) 2-Hexanone	10.831	43	265949	290.166	ug/l	97
60) Dibromochloromethane	10.983	129	118322	60.945	ug/l	99
61) 1,2-Dibromoethane	11.087	107	84151	58.363	ug/l	99
64) Tetrachloroethene	10.715	164	136173	56.815	ug/l	98
65) Chlorobenzene	11.514	112	308854	54.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	120378	56.907	ug/l	98
67) Ethyl Benzene	11.593	91	555533	54.055	ug/l	98
68) m/p-Xylenes	11.697	106	437176	109.381	ug/l	99
69) o-Xylene	12.026	106	209952	56.456	ug/l	98
70) Styrene	12.038	104	357543	57.260	ug/l	99
71) Bromoform	12.203	173	77059	61.478	ug/l #	98
73) Isopropylbenzene	12.325	105	565360	51.799	ug/l	99
74) N-amyl acetate	12.142	43	123684	55.275	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	94143	51.704	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	137773	75.277	ug/l #	100
77) Bromobenzene	12.605	156	134595	53.303	ug/l	94
78) n-propylbenzene	12.666	91	669824	51.056	ug/l	99
79) 2-Chlorotoluene	12.751	91	378546	51.331	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	490633	52.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	36311	54.331	ug/l	98
82) 4-Chlorotoluene	12.855	91	392903	51.492	ug/l	98
83) tert-Butylbenzene	13.075	119	429806	54.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	486409	52.910	ug/l	99
85) sec-Butylbenzene	13.251	105	616475	52.129	ug/l	98
86) p-Isopropyltoluene	13.367	119	536684	53.784	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	268591	52.891	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	268580	53.201	ug/l	99
89) n-Butylbenzene	13.696	91	481189	53.269	ug/l	99
90) Hexachloroethane	13.959	117	99957	52.500	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	242736	54.828	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18632	59.543	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	161497	62.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	96696	57.462	ug/l	99
95) Naphthalene	15.233	128	319814	58.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	140997	64.036	ug/l	99

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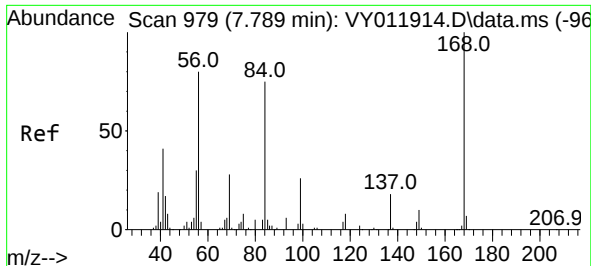
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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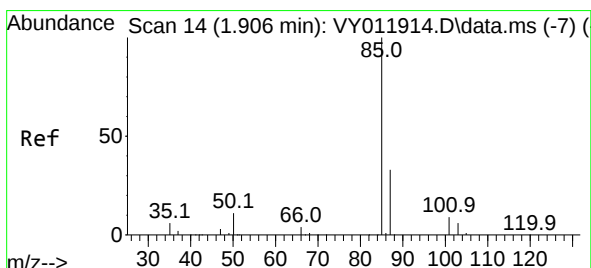
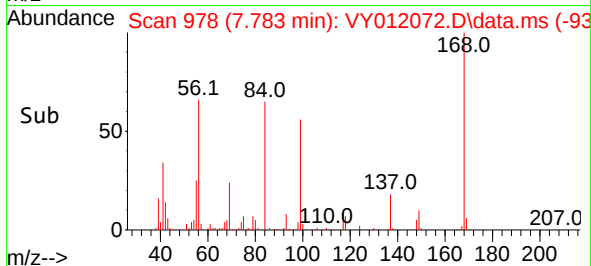
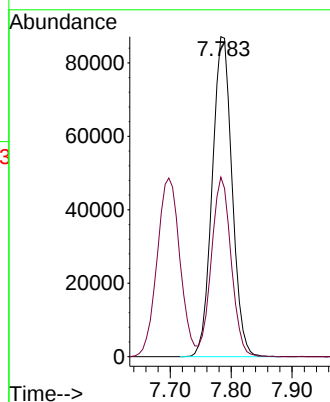
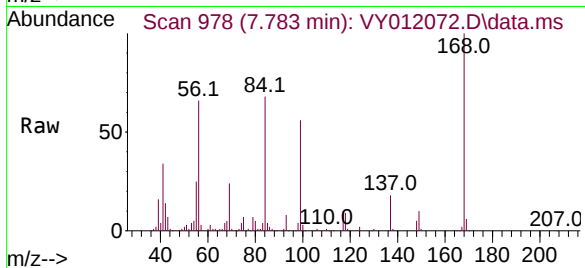




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012072.D
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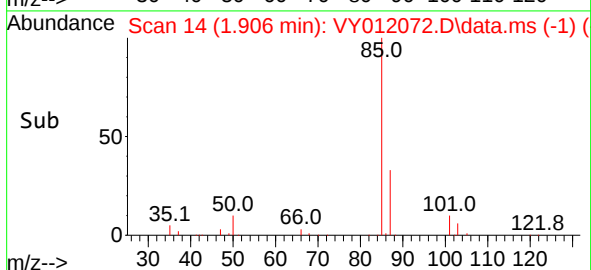
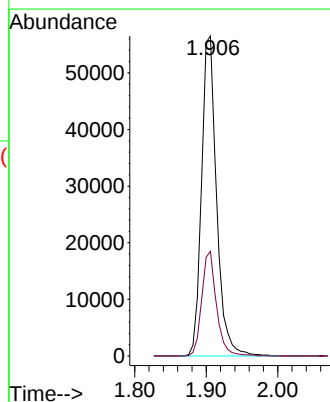
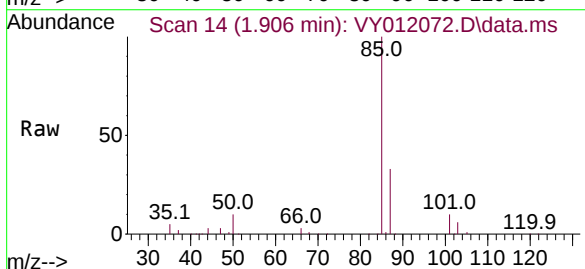
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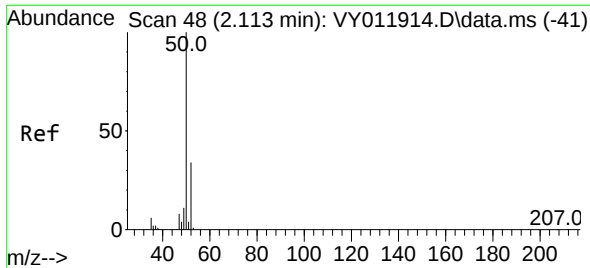
Tgt Ion:168 Resp: 197495
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 52.353 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 85 Resp: 82658
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4

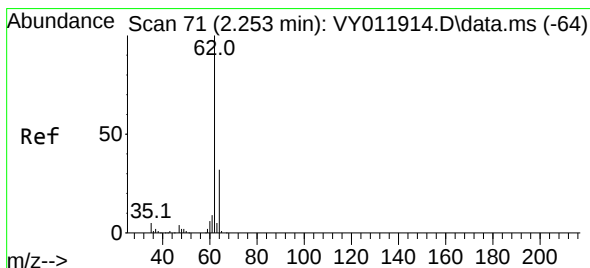
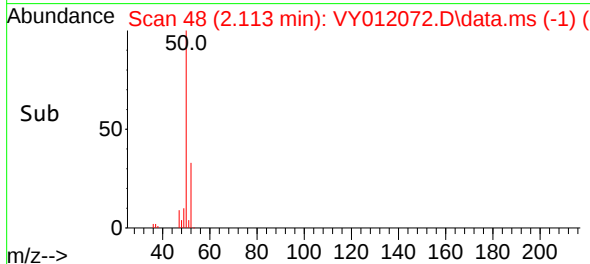
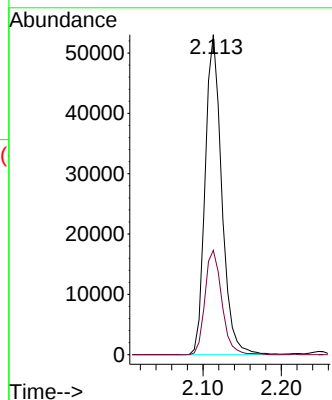
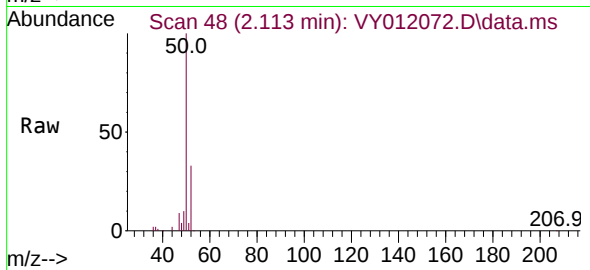




#3
Chloromethane
Concen: 44.268 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

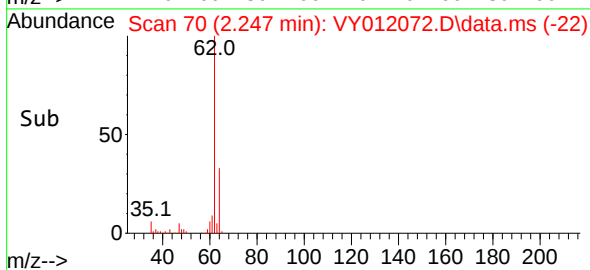
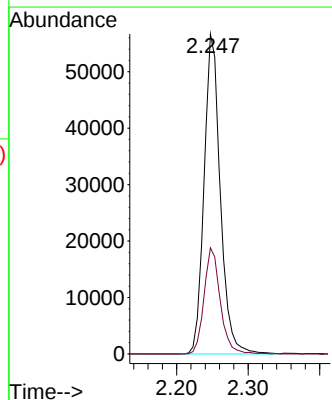
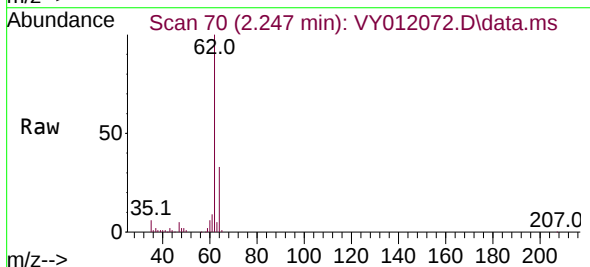
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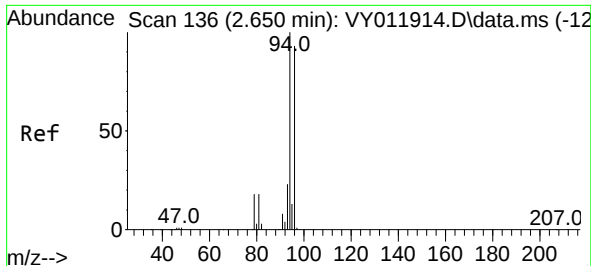
Tgt Ion: 50 Resp: 77811
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2



#4
Vinyl Chloride
Concen: 46.102 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 62 Resp: 89366
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

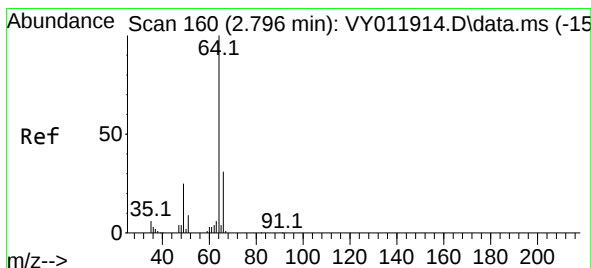
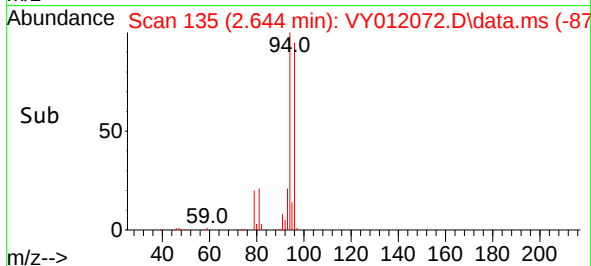
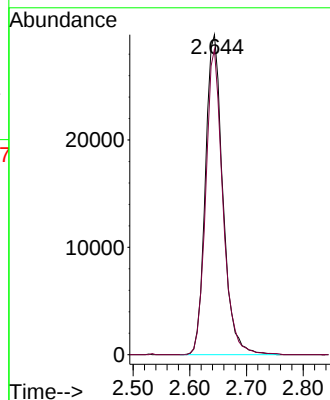
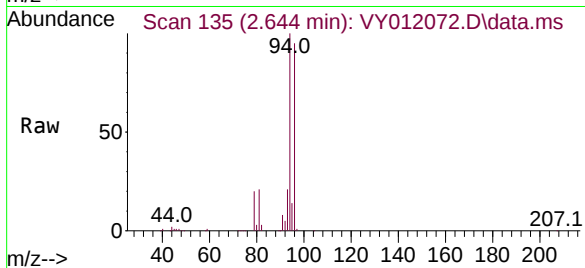




#5
Bromomethane
Concen: 46.235 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

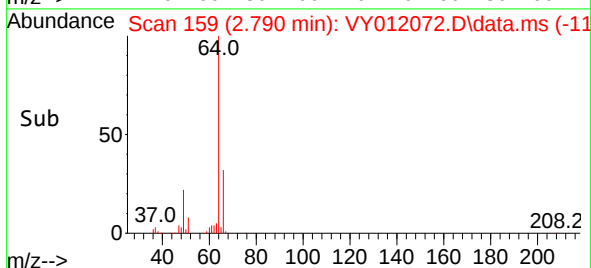
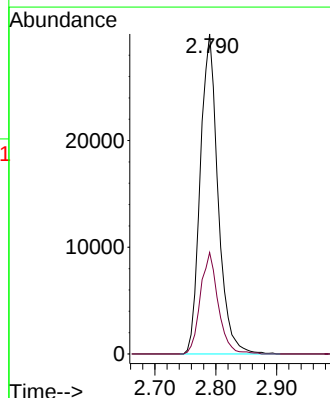
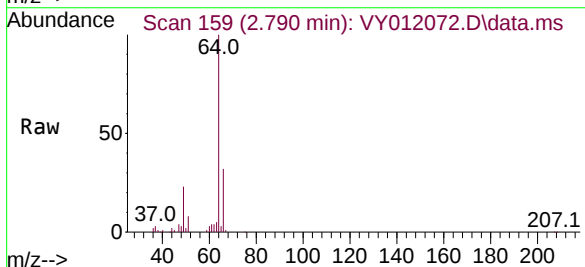
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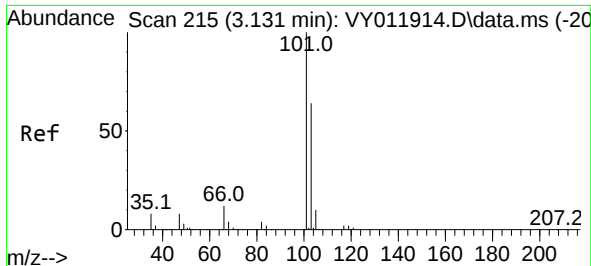
Tgt Ion: 94 Resp: 63761
Ion Ratio Lower Upper
94 100
96 95.5 77.4 116.2



#6
Chloroethane
Concen: 47.886 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 64 Resp: 60673
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.4

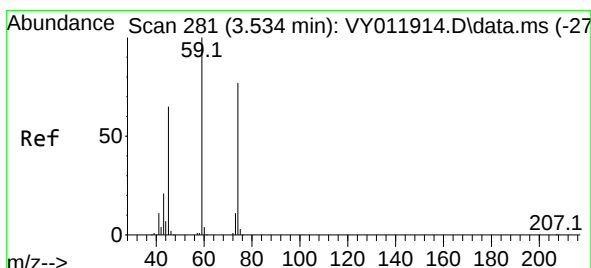
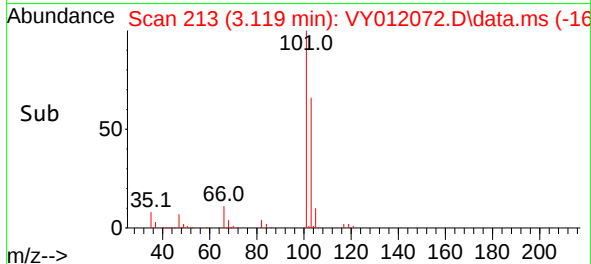
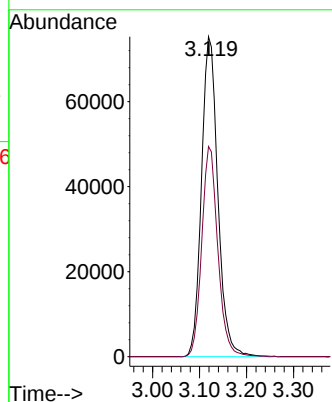
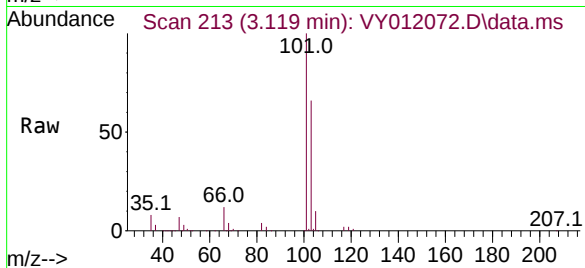




#7
 Trichlorofluoromethane
 Concen: 53.611 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY012072.D
 Acq: 04 Jan 2023 16:42

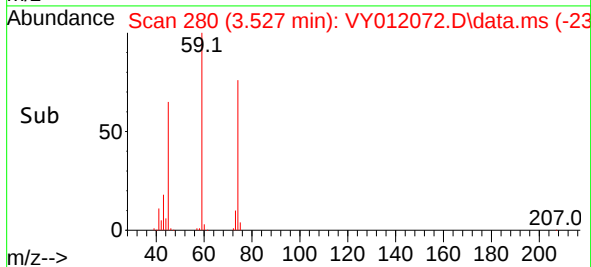
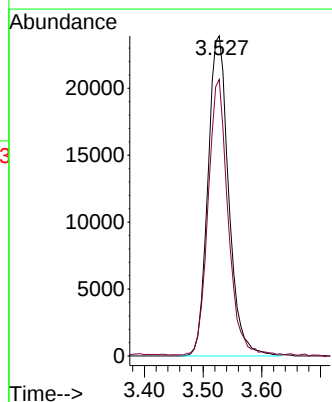
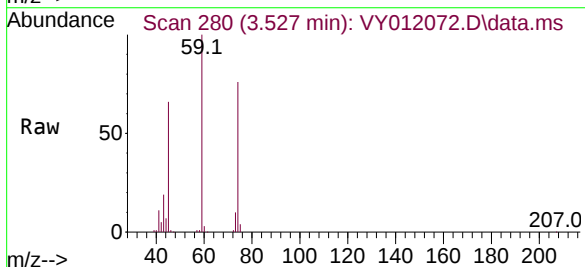
Instrument :
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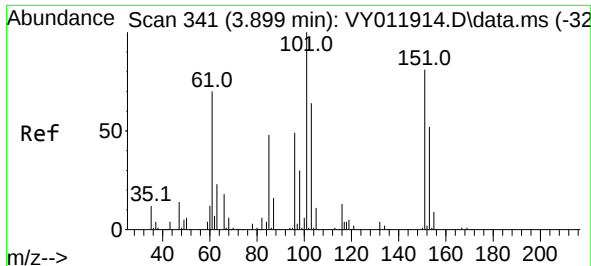
Tgt Ion:101 Resp: 181919
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.6



#8
 Diethyl Ether
 Concen: 56.105 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012072.D
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Tgt Ion: 74 Resp: 58742
 Ion Ratio Lower Upper
 74 100
 45 82.4 46.8 140.3

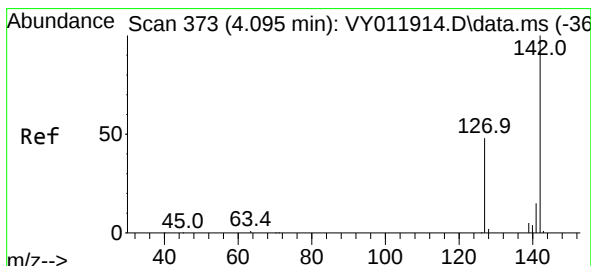
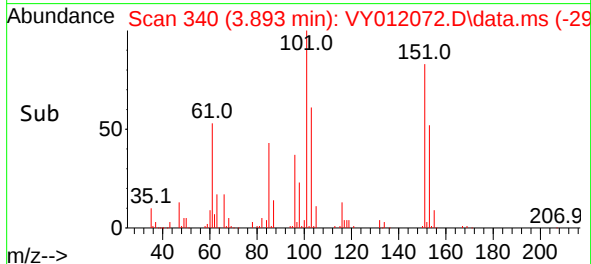
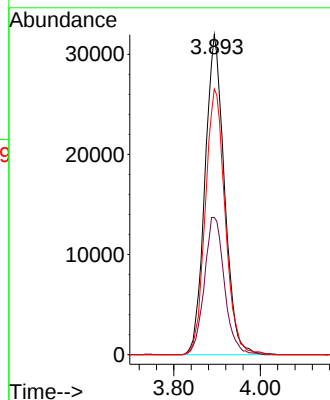
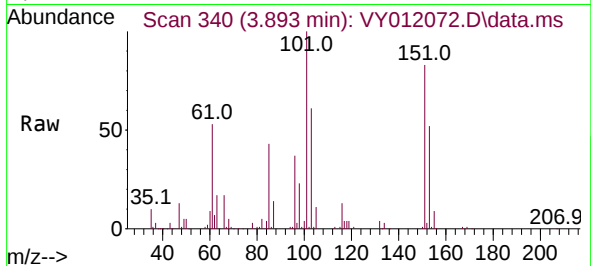




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.314 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

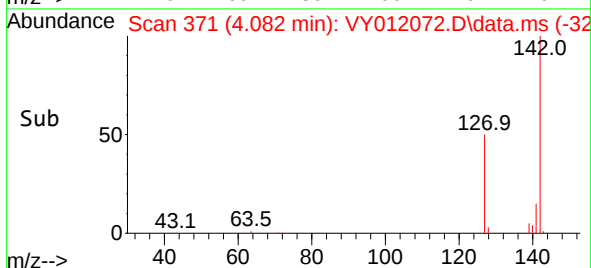
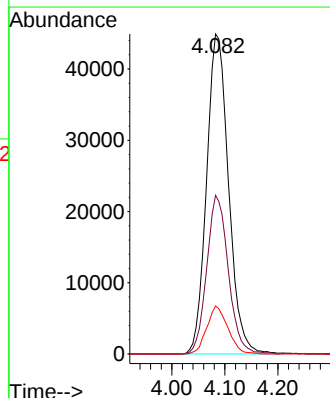
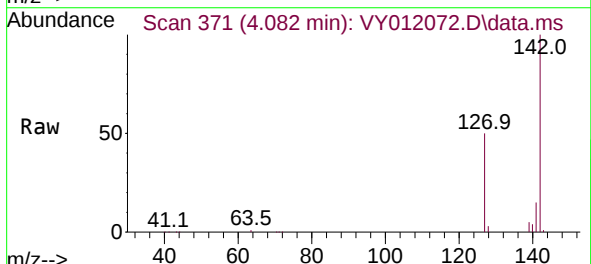
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

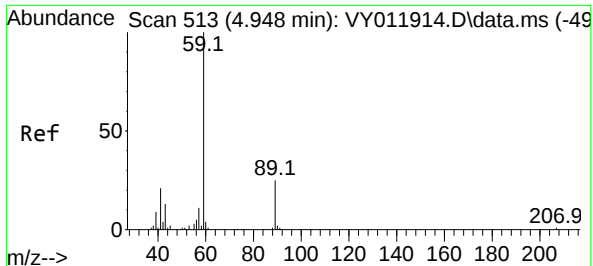
Tgt Ion:101	Resp:	99590
Ion	Ratio	Lower Upper
101	100	
85	44.3	36.2 54.2
151	84.9	64.2 96.2



#10
Methyl Iodide
Concen: 50.074 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.013 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:142	Resp:	129416
Ion	Ratio	Lower Upper
142	100	
127	48.6	37.0 55.4
141	14.4	11.4 17.0





#11

Tert butyl alcohol

Concen: 253.173 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

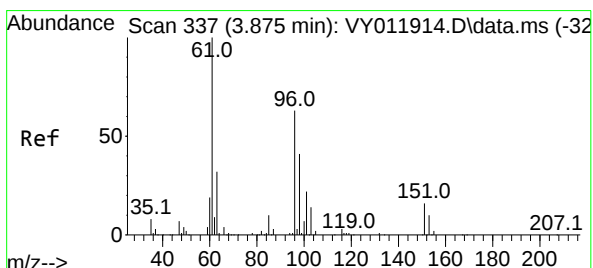
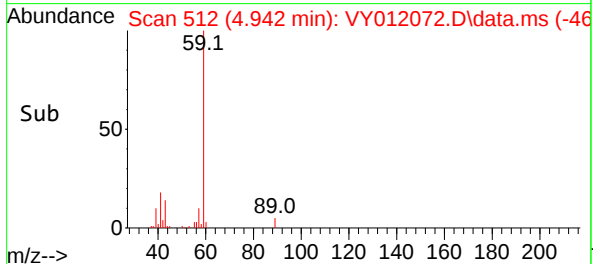
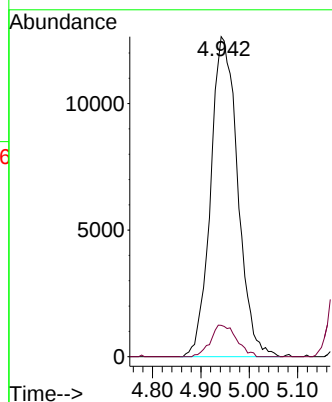
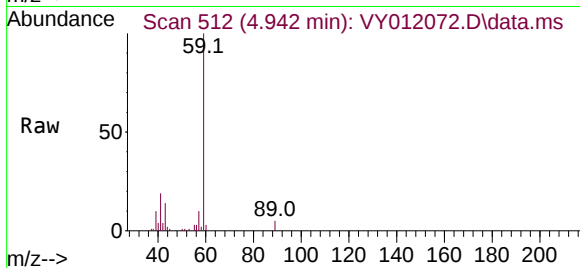
VSTDCCC050EC

Tgt Ion: 59 Resp: 49277

Ion Ratio Lower Upper

59 100

57 9.4 7.4 11.2



#12

1,1-Dichloroethene

Concen: 50.929 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

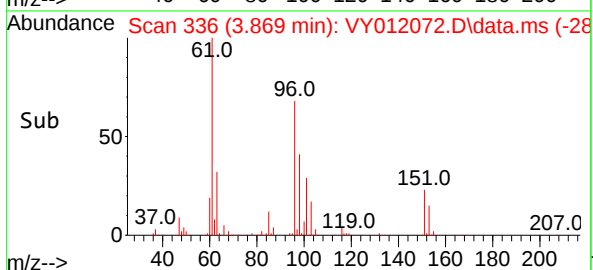
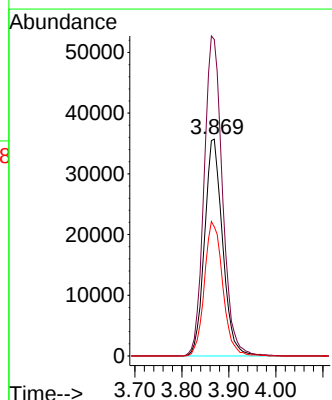
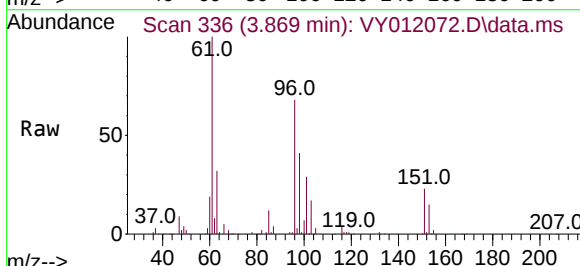
Tgt Ion: 96 Resp: 95162

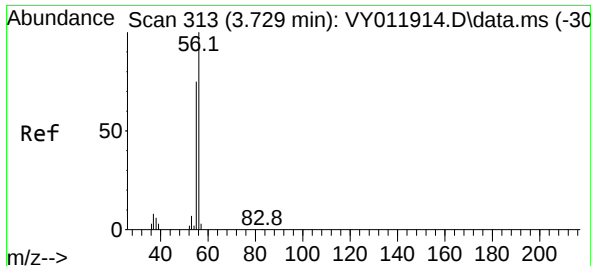
Ion Ratio Lower Upper

96 100

61 146.0 122.0 183.0

98 59.5 48.6 73.0





#13

Acrolein

Concen: 165.750 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

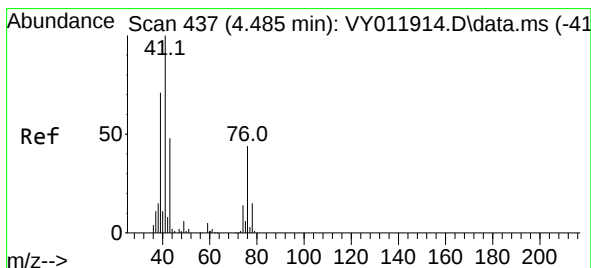
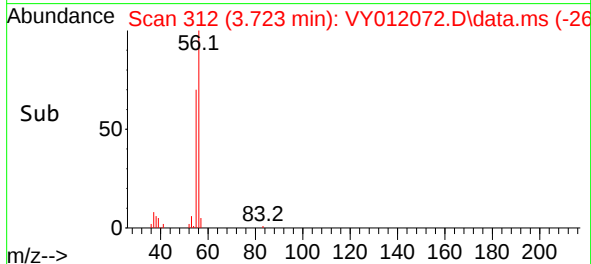
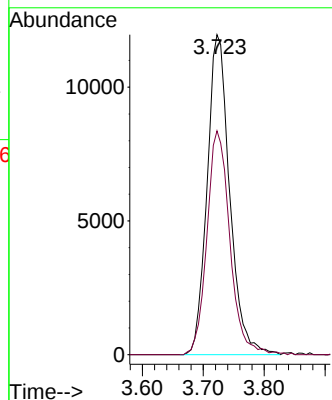
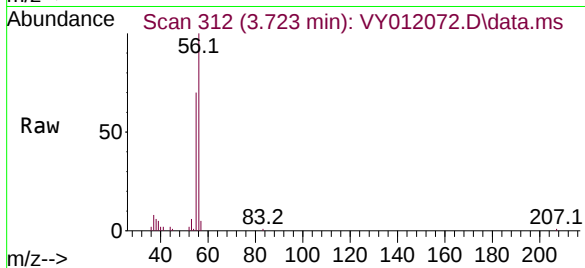
VSTDCCC050EC

Tgt Ion: 56 Resp: 30829

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 49.808 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

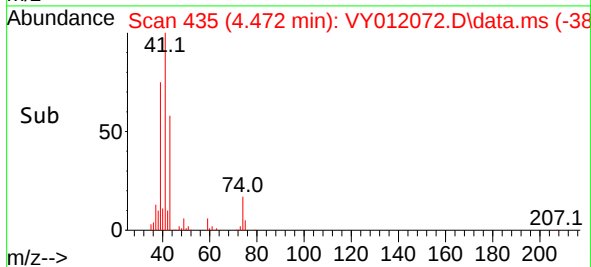
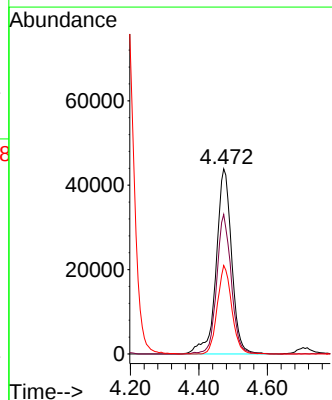
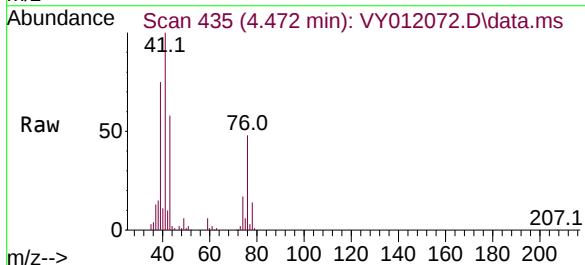
Tgt Ion: 41 Resp: 137052

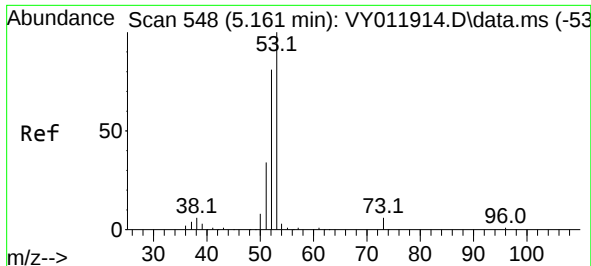
Ion Ratio Lower Upper

41 100

39 70.9 53.5 80.3

76 44.4 31.1 46.7

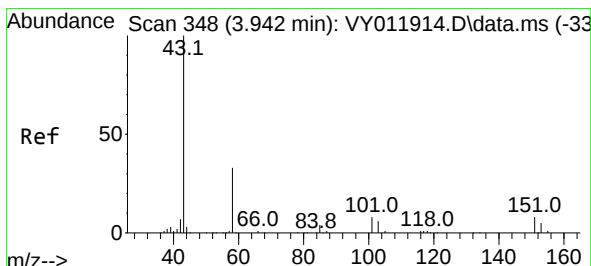
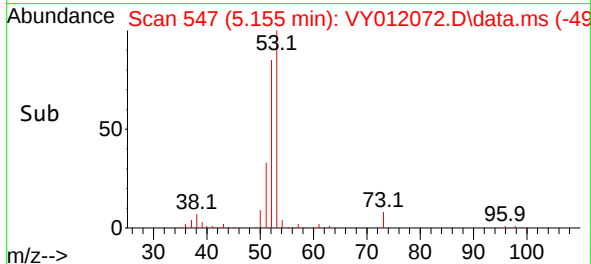
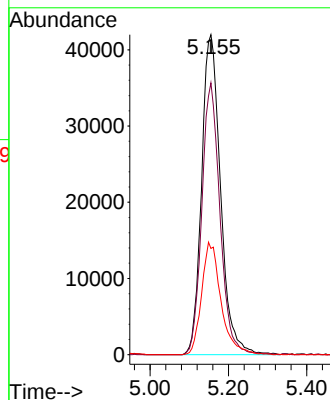
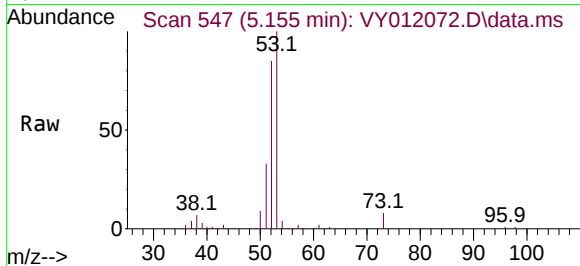




#15
Acrylonitrile
Concen: 290.270 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

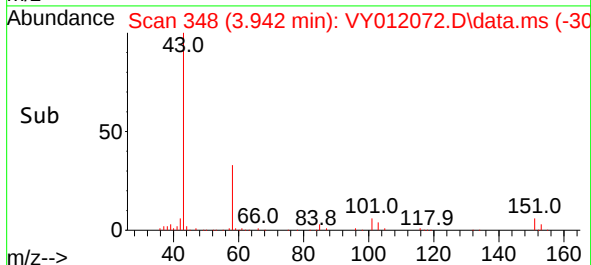
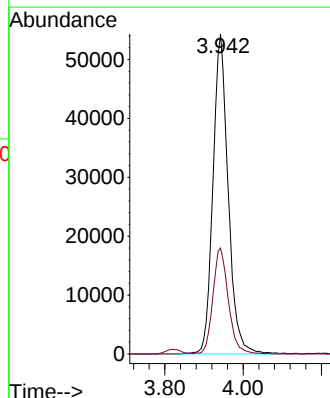
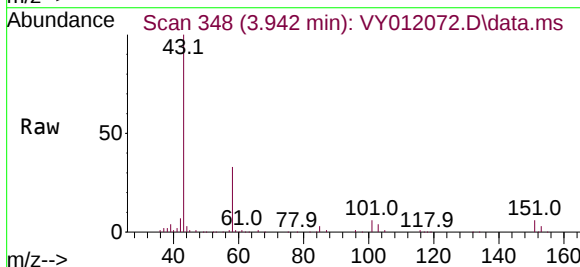
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

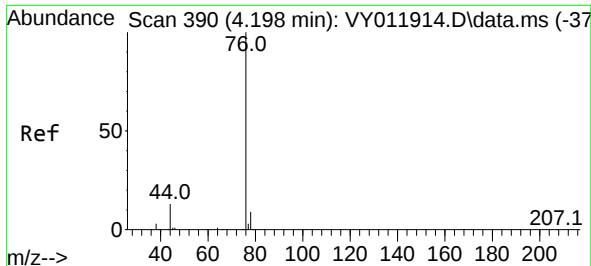
Tgt Ion: 53 Resp: 141373
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 36.0 28.7 43.1



#16
Acetone
Concen: 246.018 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 43 Resp: 146098
Ion Ratio Lower Upper
43 100
58 33.1 27.9 41.9

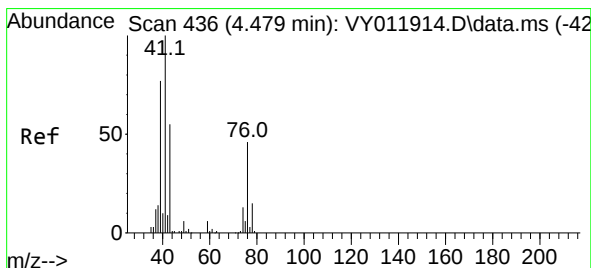
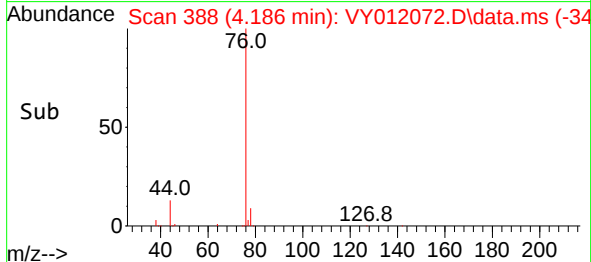
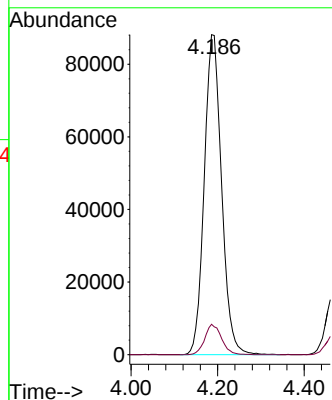
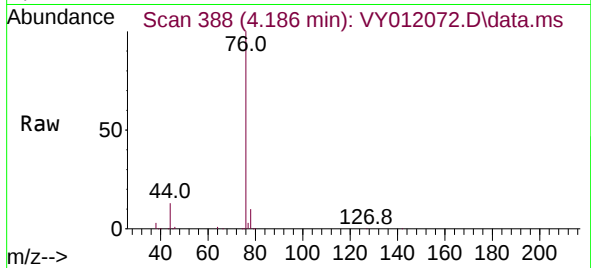




#17
Carbon Disulfide
Concen: 41.121 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

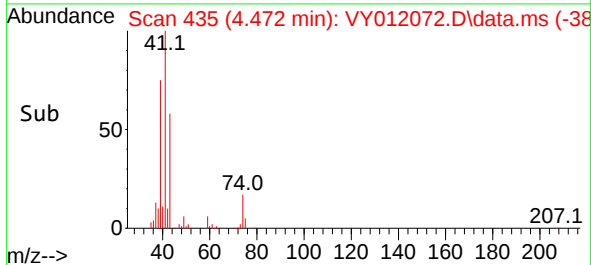
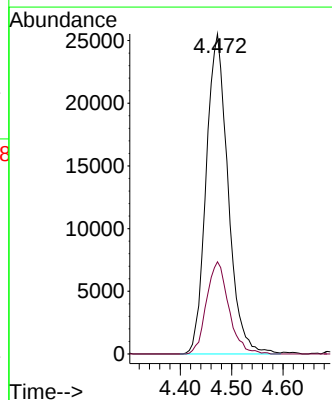
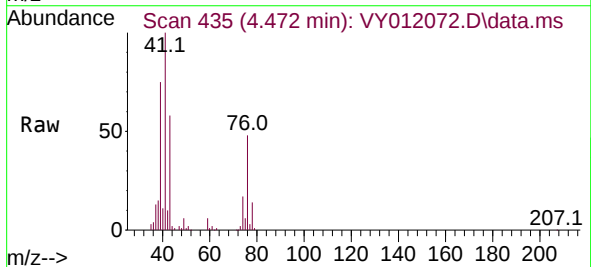
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

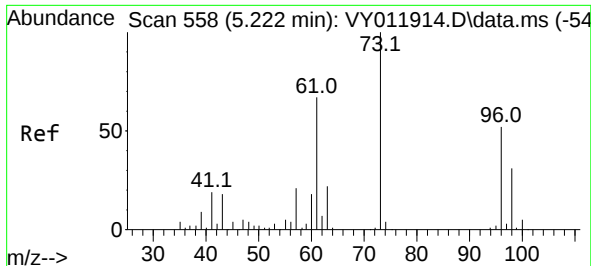
Tgt Ion: 76 Resp: 245094
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 54.847 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 43 Resp: 75408
Ion Ratio Lower Upper
43 100
74 29.3 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 60.623 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

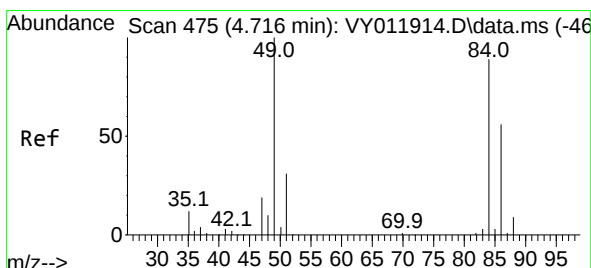
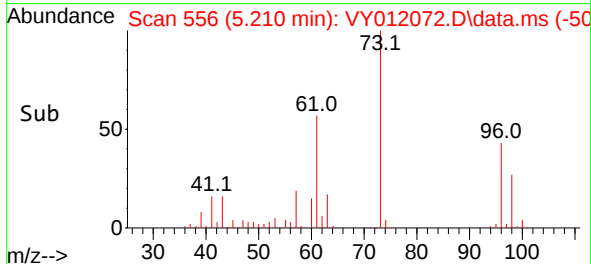
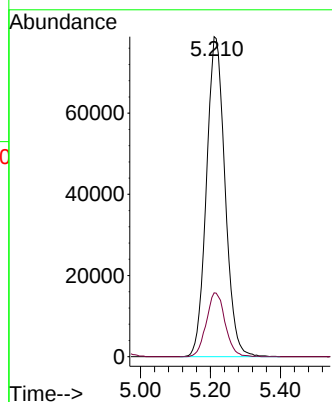
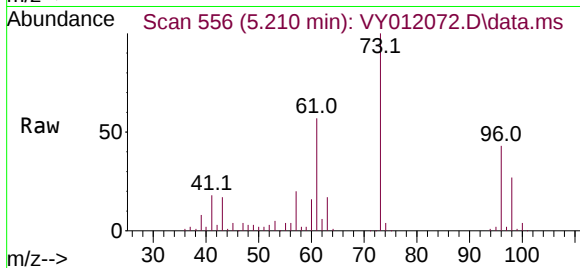
VSTDCCC050EC

Tgt Ion: 73 Resp: 290645

Ion Ratio Lower Upper

73 100

57 20.0 17.4 26.0



#20

Methylene Chloride

Concen: 60.492 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Tgt Ion: 84 Resp: 135594

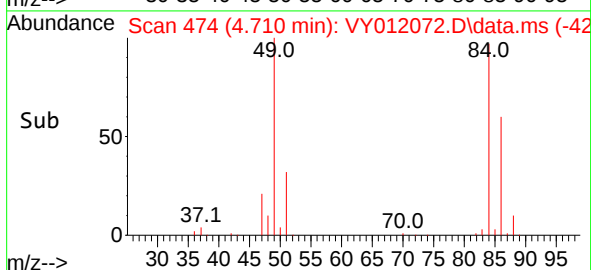
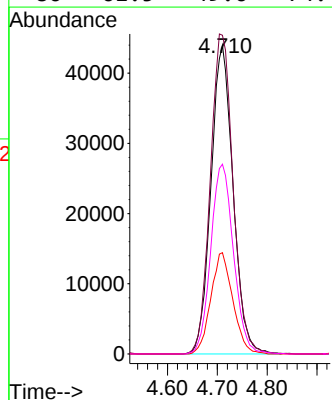
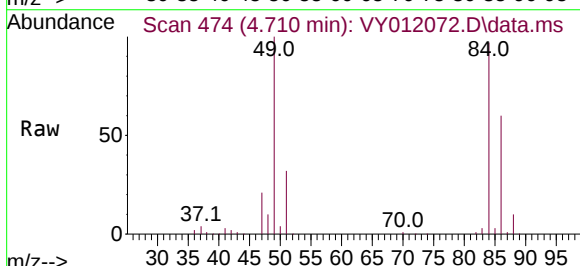
Ion Ratio Lower Upper

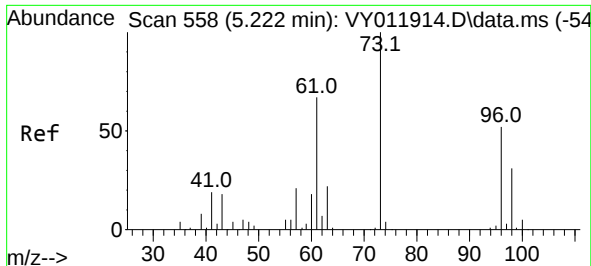
84 100

49 103.3 95.4 143.2

51 32.8 29.9 44.9

86 61.5 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 50.053 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

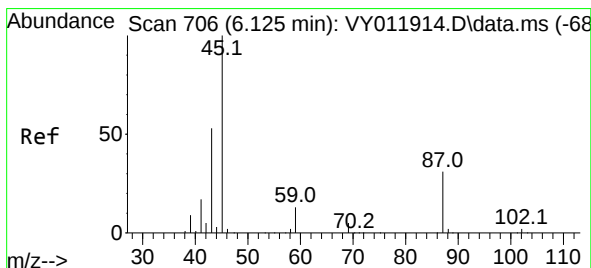
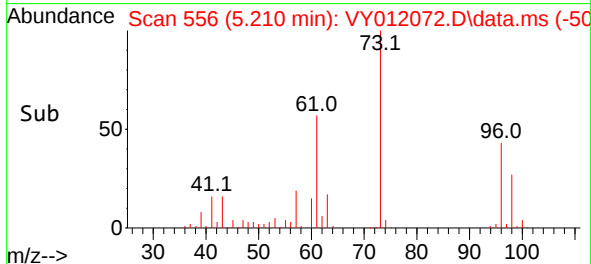
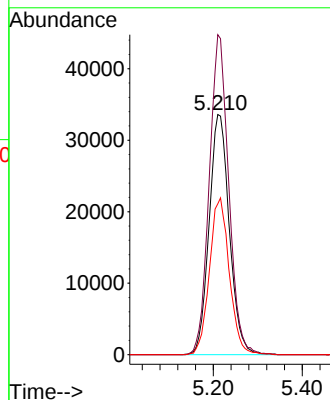
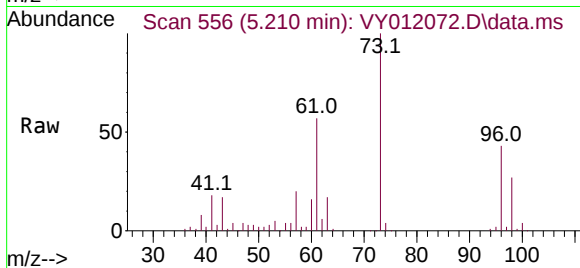
Tgt Ion: 96 Resp: 106269

Ion Ratio Lower Upper

96 100

61 133.2 108.0 162.0

98 62.9 51.6 77.4



#22

Diisopropyl ether

Concen: 53.733 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Tgt Ion: 45 Resp: 291197

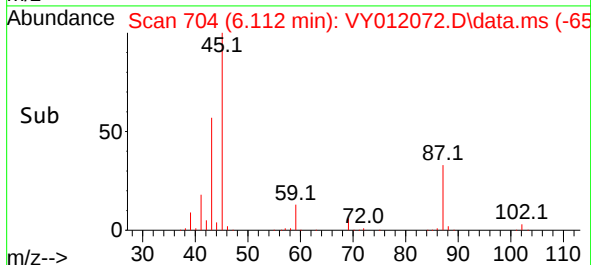
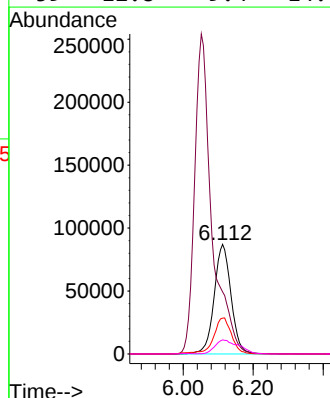
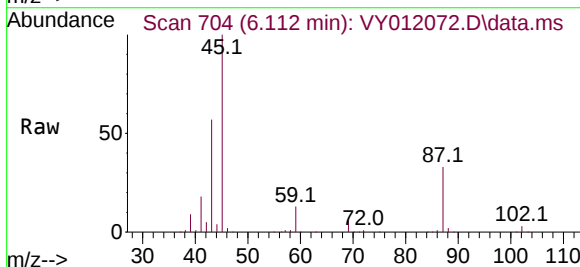
Ion Ratio Lower Upper

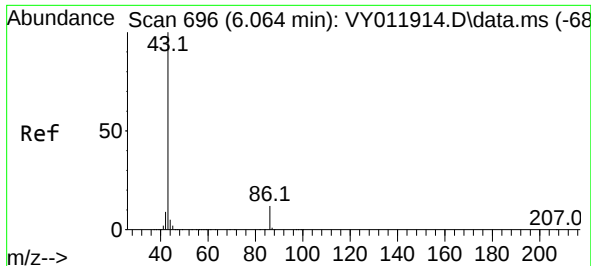
45 100

43 56.5 45.0 67.4

87 32.6 22.6 33.8

59 12.8 9.4 14.0

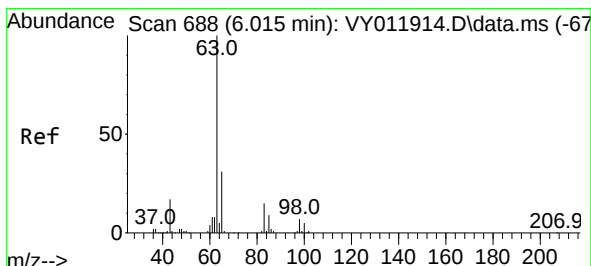
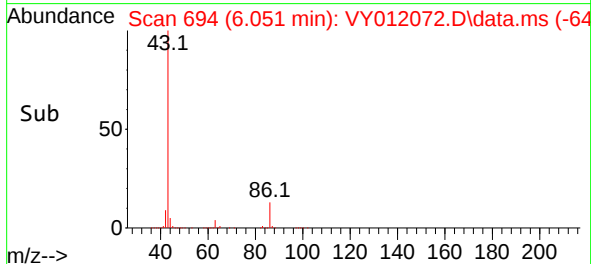
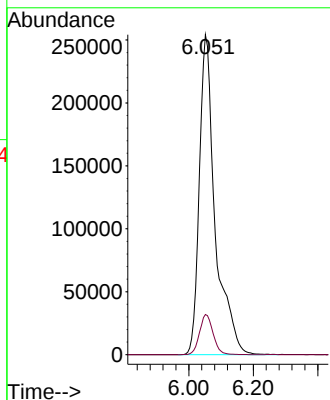
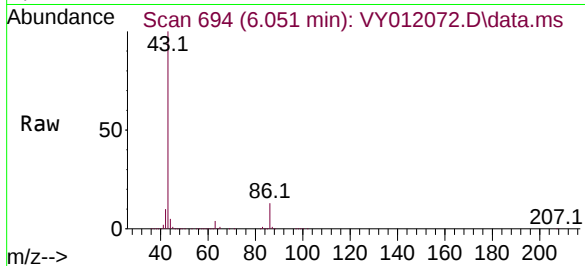




#23
 Vinyl Acetate
 Concen: 277.945 ug/l
 RT: 6.051 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY012072.D
 Acq: 04 Jan 2023 16:42

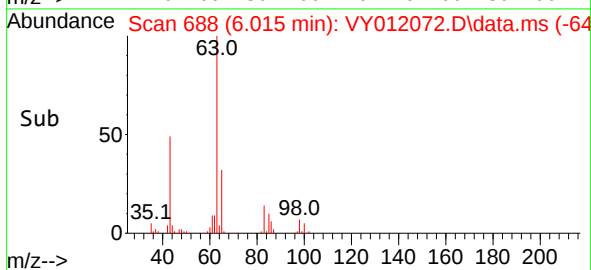
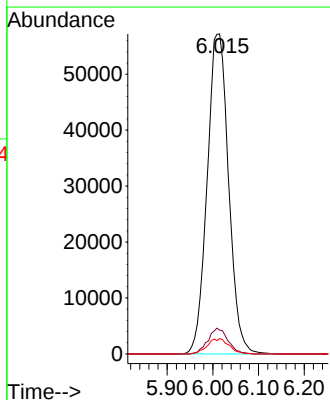
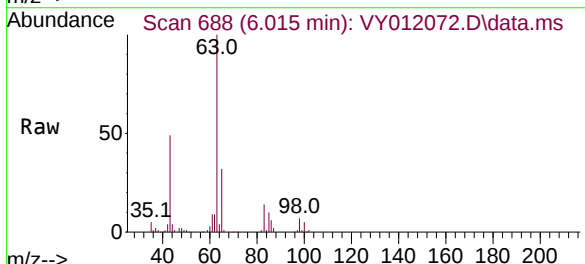
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

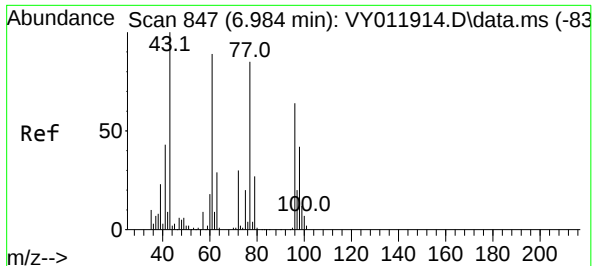
Tgt Ion: 43 Resp: 866625
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 52.941 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012072.D
 Acq: 04 Jan 2023 16:42

Tgt Ion: 63 Resp: 186495
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 268.240 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

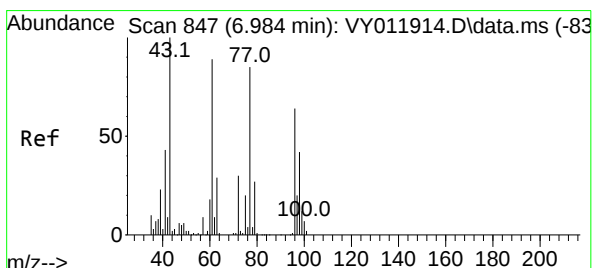
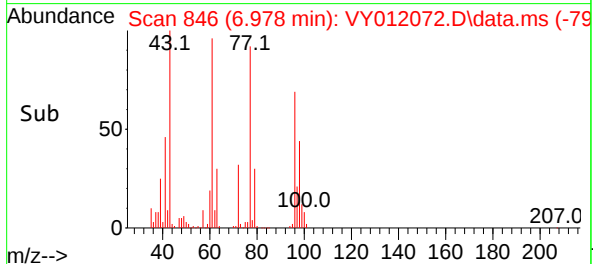
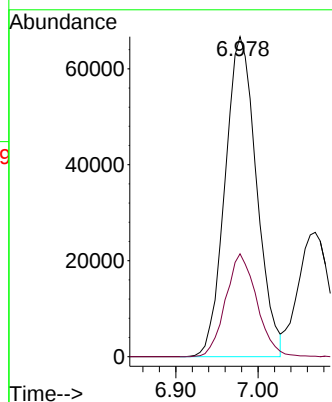
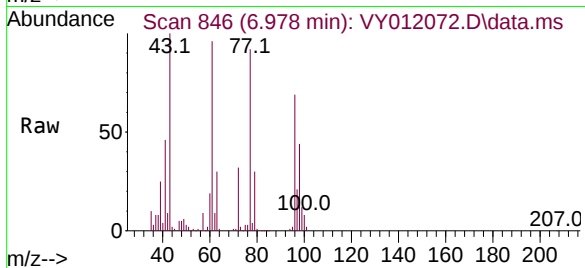
VSTDCCC050EC

Tgt Ion: 43 Resp: 177787

Ion Ratio Lower Upper

43 100

72 32.1 22.6 34.0



#26

2,2-Dichloropropane

Concen: 53.677 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012072.D

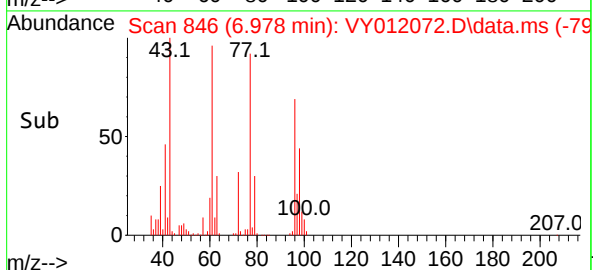
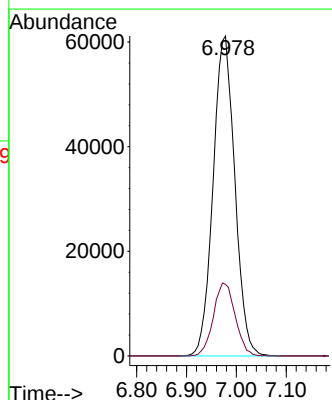
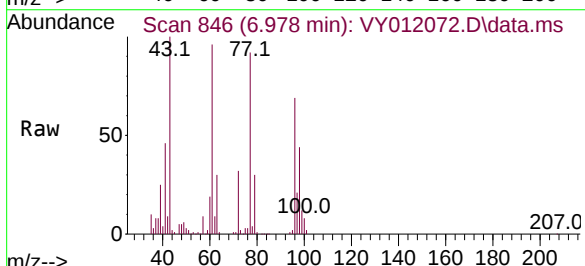
Acq: 04 Jan 2023 16:42

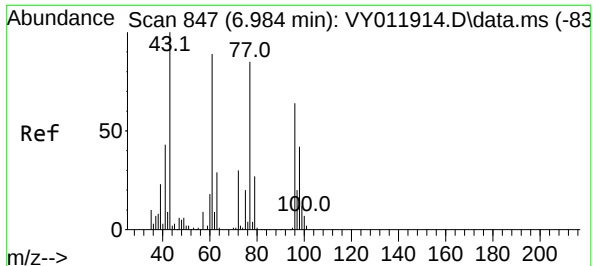
Tgt Ion: 77 Resp: 185026

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.352 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

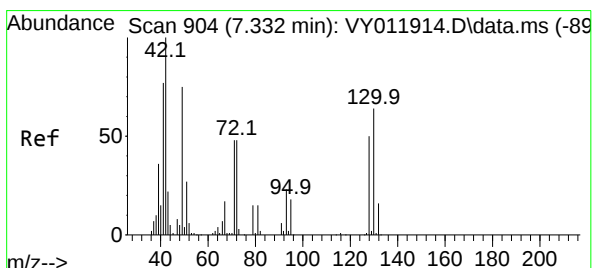
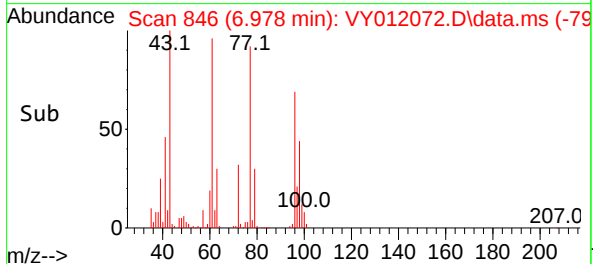
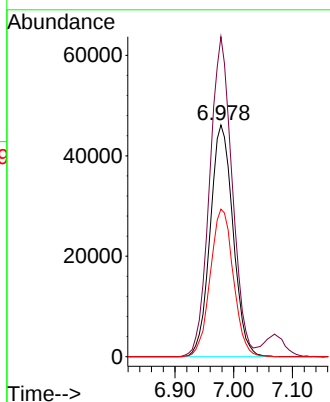
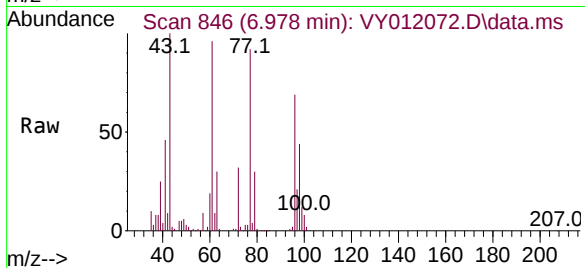
Tgt Ion: 96 Resp: 124808

Ion Ratio Lower Upper

96 100

61 136.0 0.0 283.4

98 64.3 0.0 127.6



#28

Bromochloromethane

Concen: 38.967 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

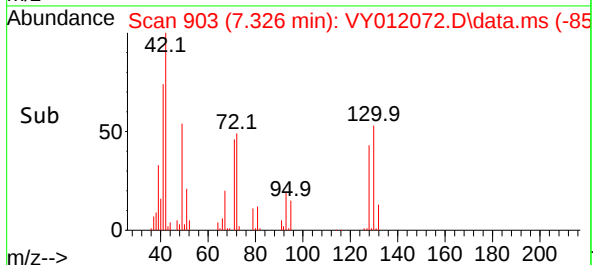
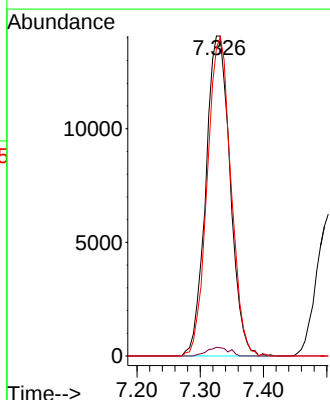
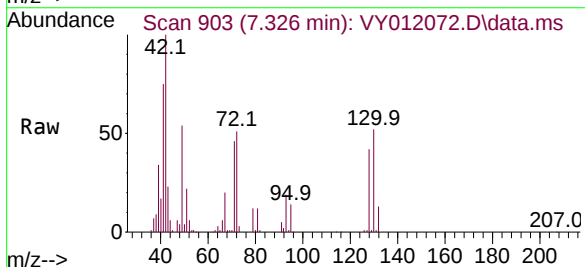
Tgt Ion: 49 Resp: 37668

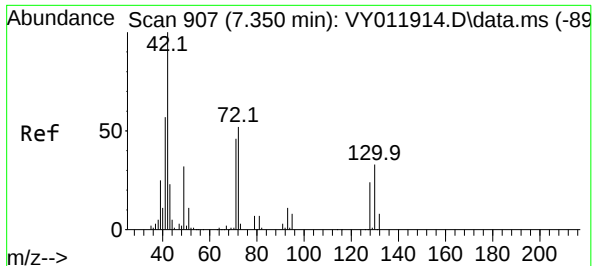
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 96.8 66.7 100.1

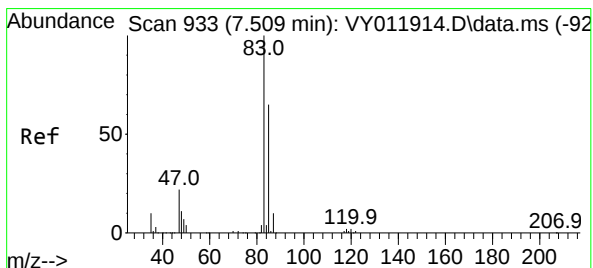
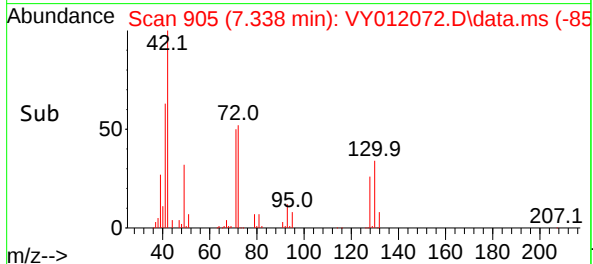
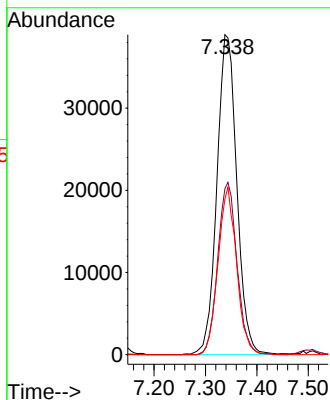
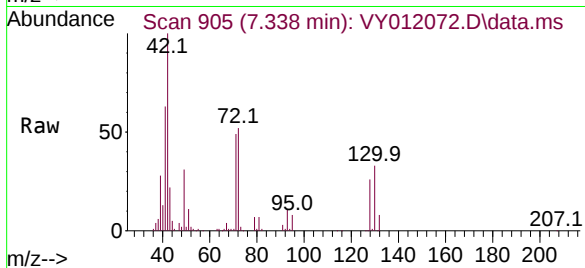




#29
Tetrahydrofuran
Concen: 279.278 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

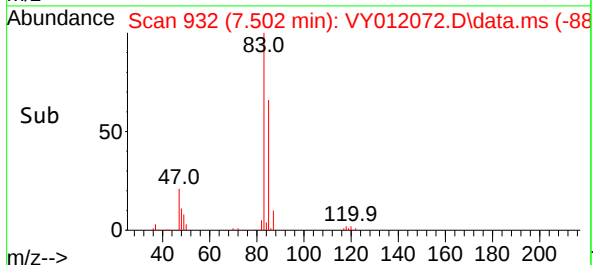
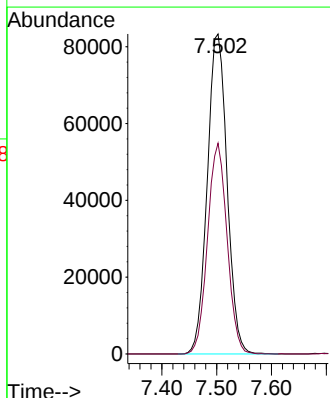
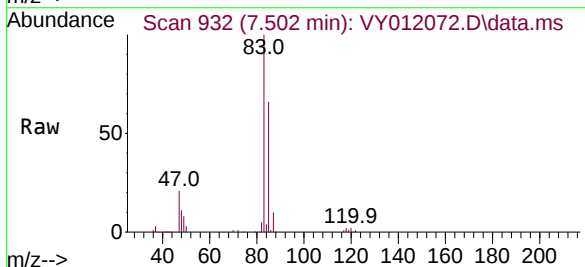
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

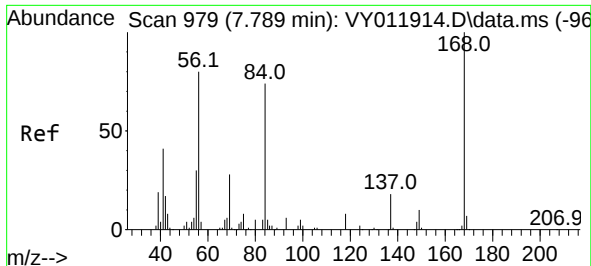
Tgt Ion: 42 Resp: 104875
Ion Ratio Lower Upper
42 100
72 52.1 37.0 55.6
71 48.6 34.9 52.3



#30
Chloroform
Concen: 55.013 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 83 Resp: 208881
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3

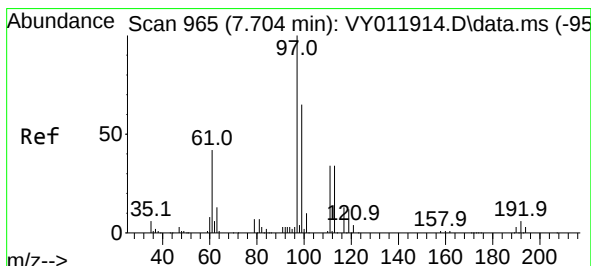
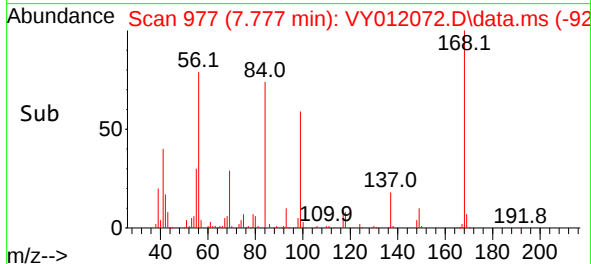
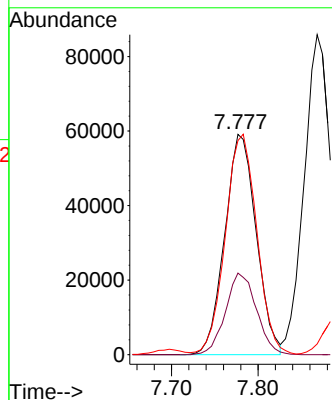
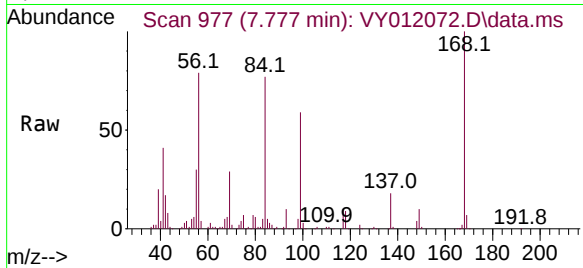




#31
Cyclohexane
Concen: 44.647 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

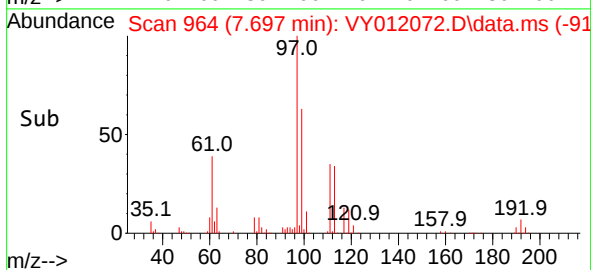
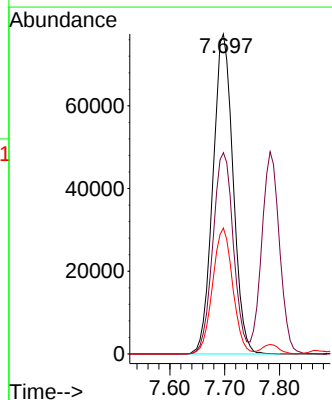
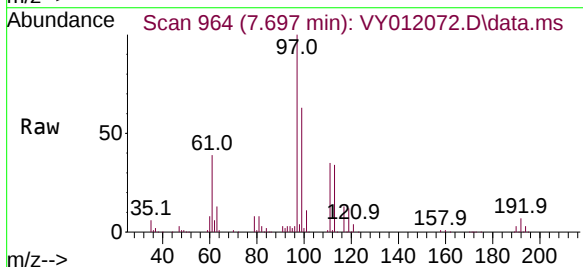
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

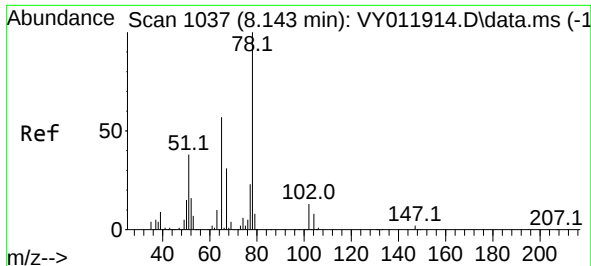
Tgt Ion: 56 Resp: 149548
Ion Ratio Lower Upper
56 100
69 37.0 29.2 43.8
84 95.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 54.726 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 97 Resp: 197637
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.506 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

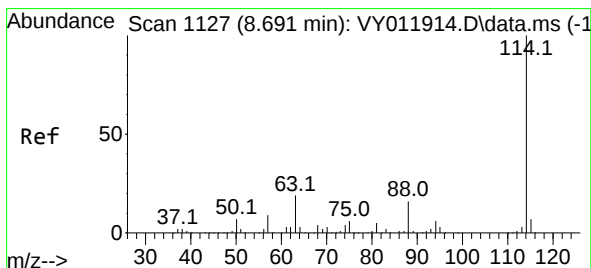
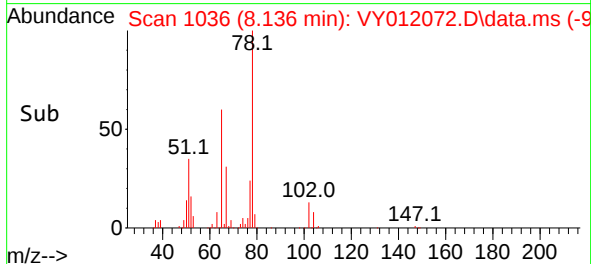
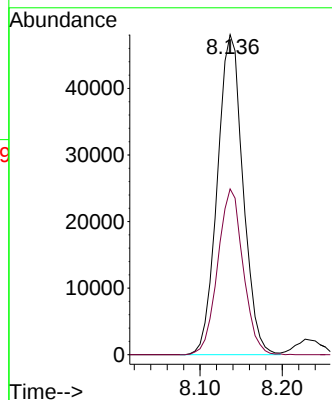
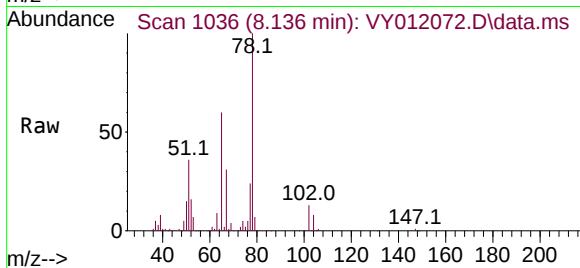
VSTDCCC050EC

Tgt Ion: 65 Resp: 104472

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

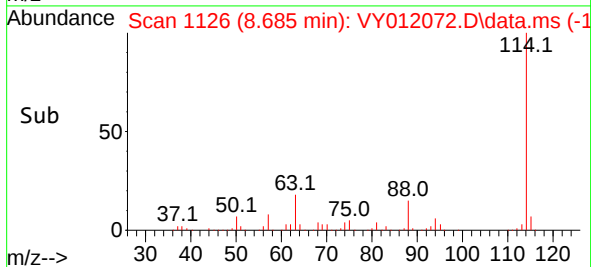
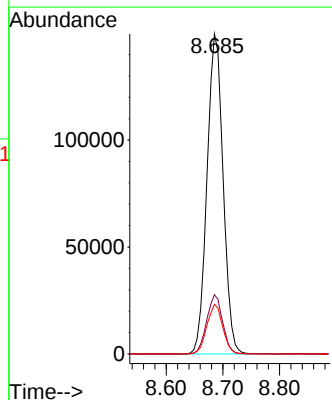
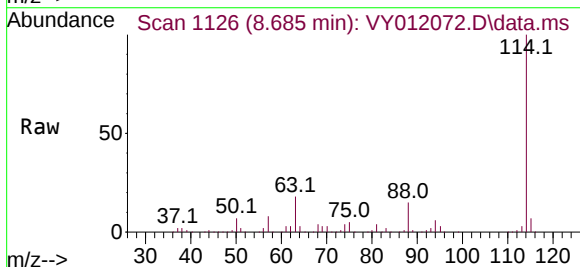
Tgt Ion: 114 Resp: 295280

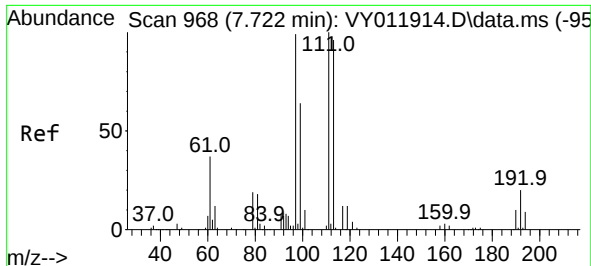
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.5 0.0 32.2

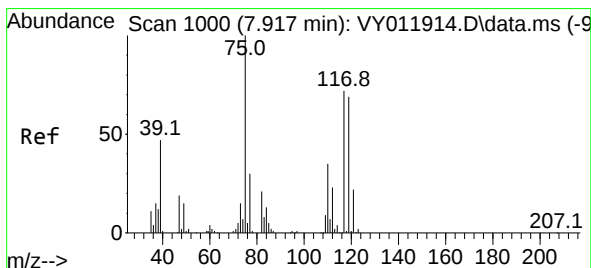
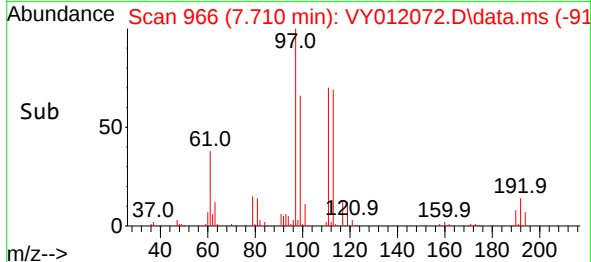
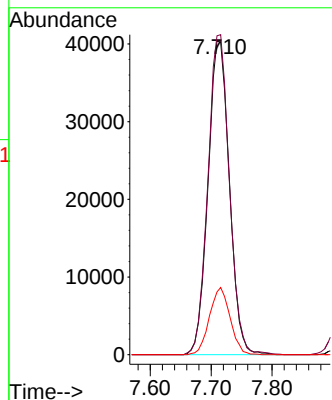
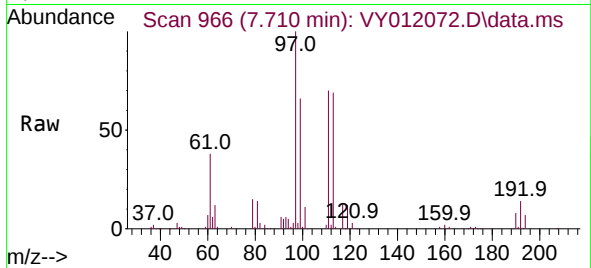




#35
Dibromofluoromethane
Concen: 55.451 ug/l
RT: 7.710 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

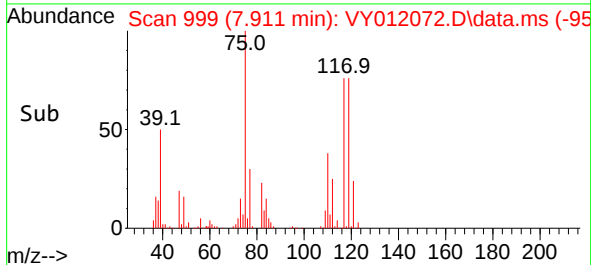
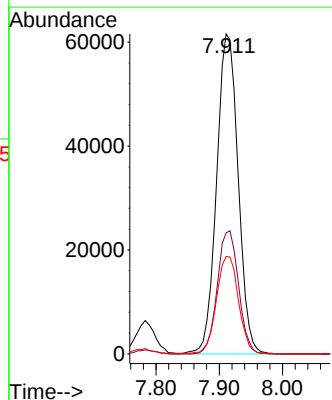
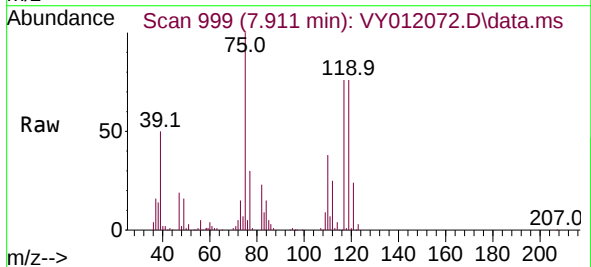
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

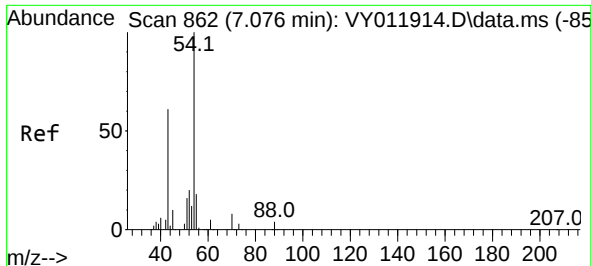
Tgt Ion:113 Resp: 98574
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 51.003 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 75 Resp: 145432
Ion Ratio Lower Upper
75 100
110 37.9 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 56.051 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

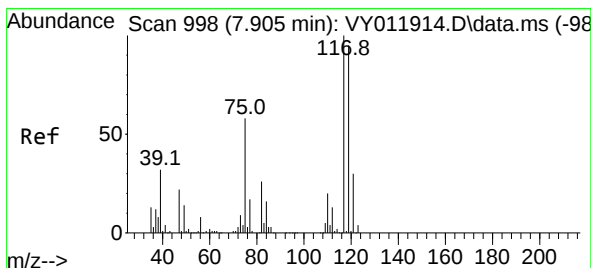
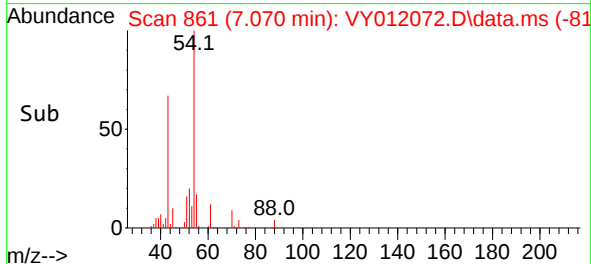
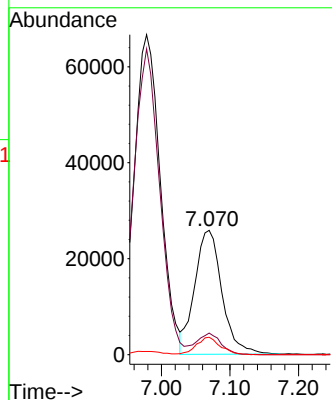
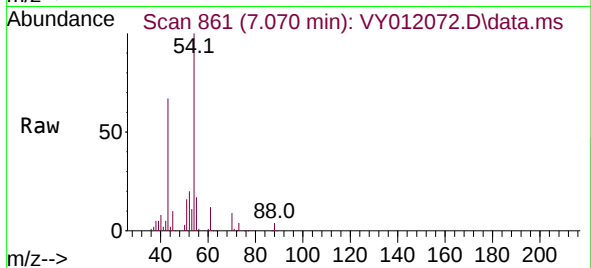
Tgt Ion: 43 Resp: 71706

Ion Ratio Lower Upper

43 100

61 15.1 11.3 16.9

70 12.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 55.283 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

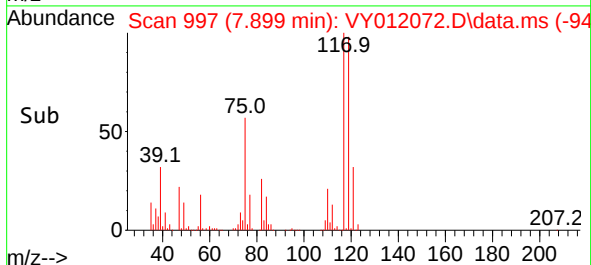
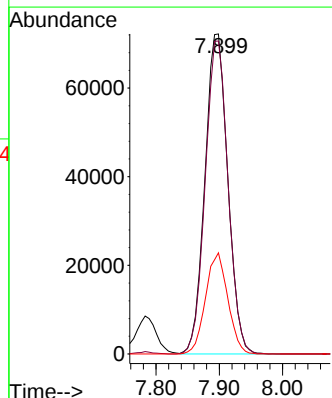
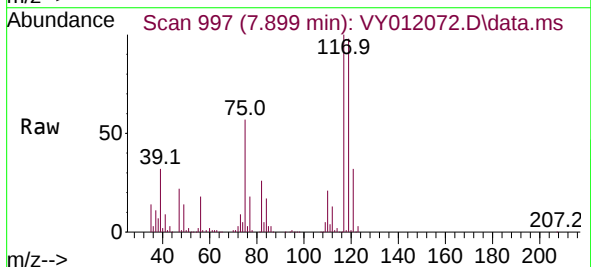
Tgt Ion: 117 Resp: 182057

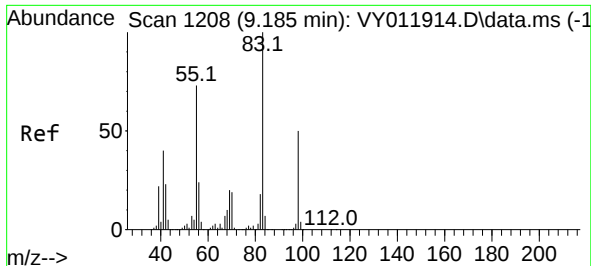
Ion Ratio Lower Upper

117 100

119 97.8 73.8 110.8

121 31.6 25.2 37.8





#39

Methylcyclohexane

Concen: 50.359 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

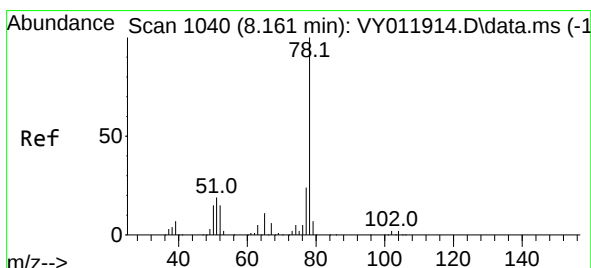
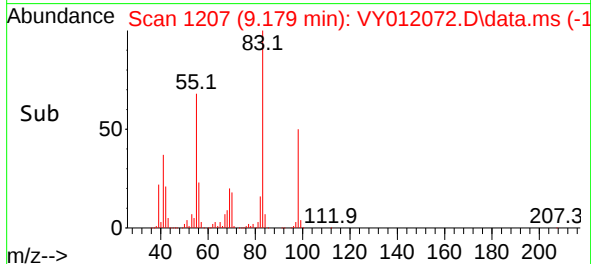
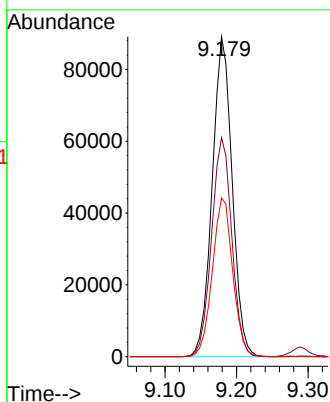
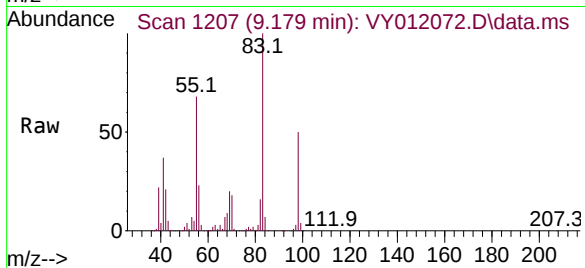
Tgt Ion: 83 Resp: 172784

Ion Ratio Lower Upper

83 100

55 68.4 58.2 87.2

98 49.6 38.6 58.0



#40

Benzene

Concen: 52.706 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012072.D

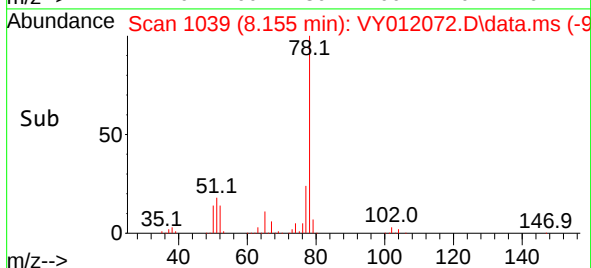
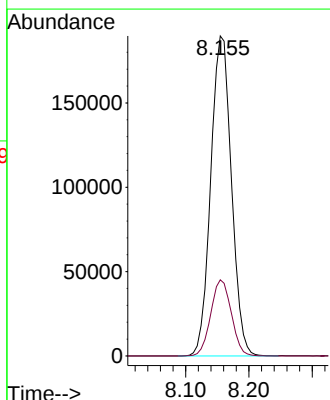
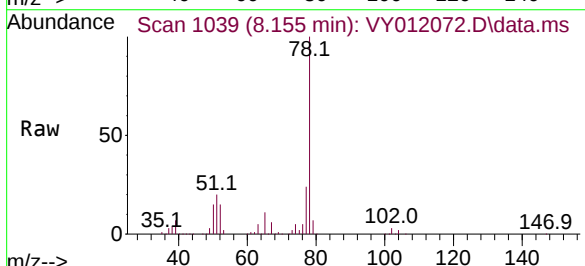
Acq: 04 Jan 2023 16:42

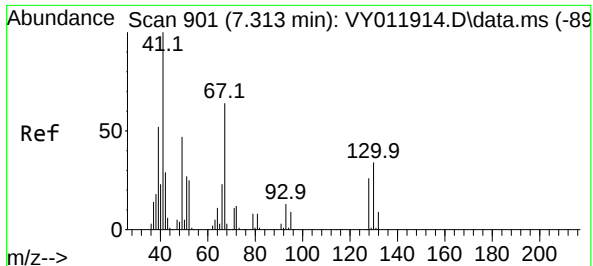
Tgt Ion: 78 Resp: 430088

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

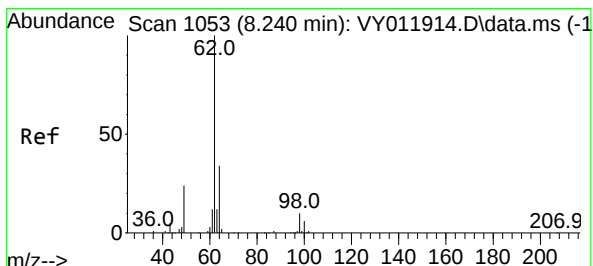
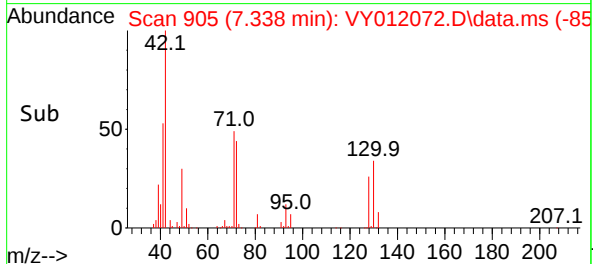
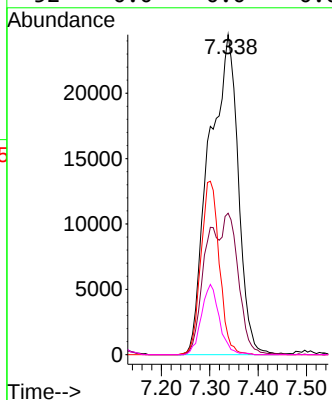
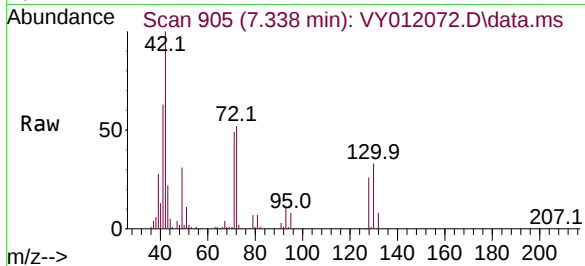




#41
Methacrylonitrile
Concen: 164.860 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

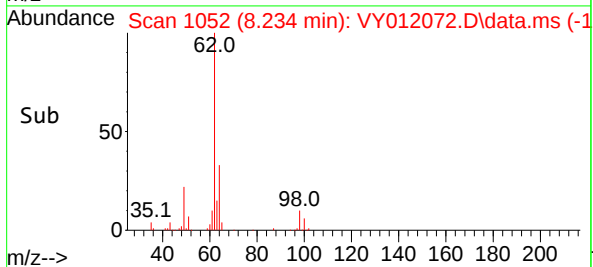
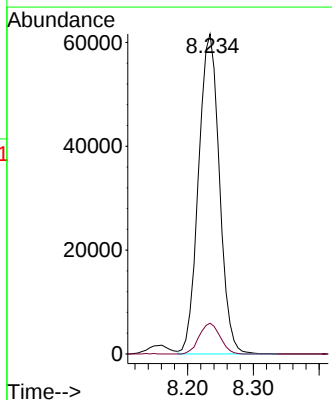
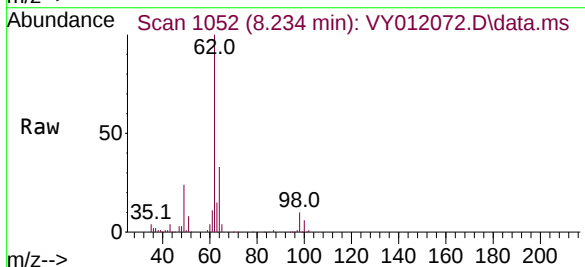
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

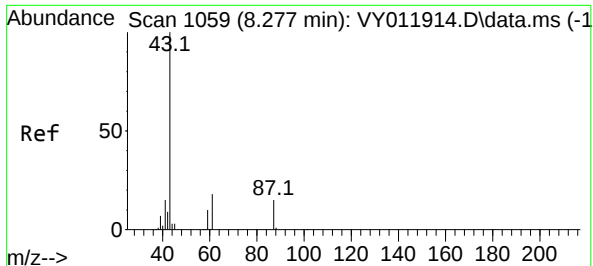
Tgt Ion: 41 Resp: 101987
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 57.899 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 62 Resp: 136012
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 58.084 ug/l

RT: 8.271 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

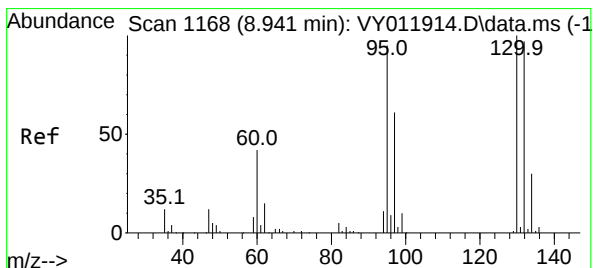
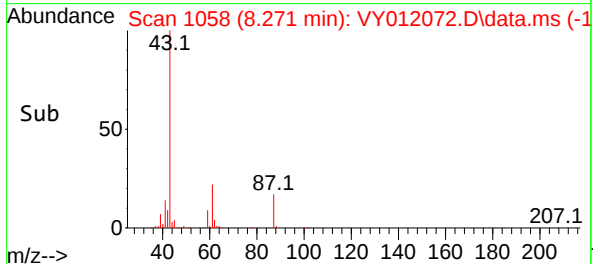
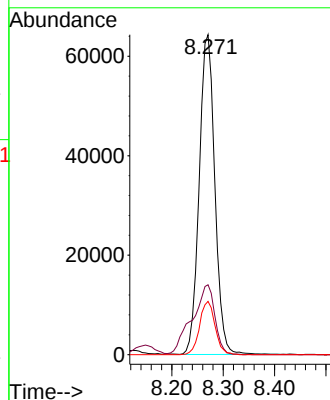
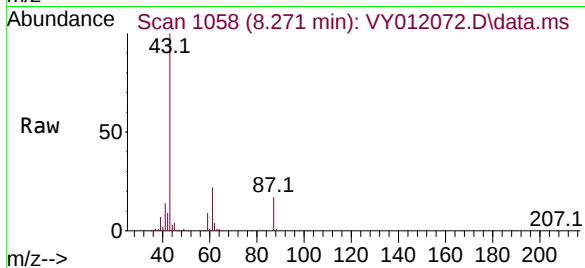
Tgt Ion: 43 Resp: 135710

Ion Ratio Lower Upper

43 100

61 31.7 24.4 36.6

87 16.5 11.4 17.2



#44

Trichloroethene

Concen: 54.664 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY012072.D

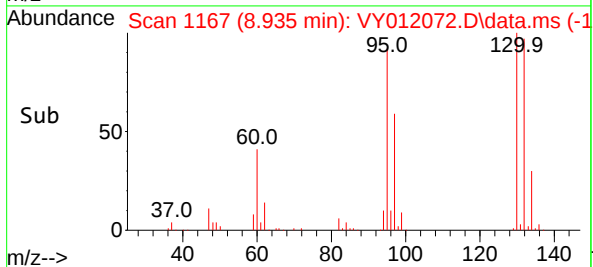
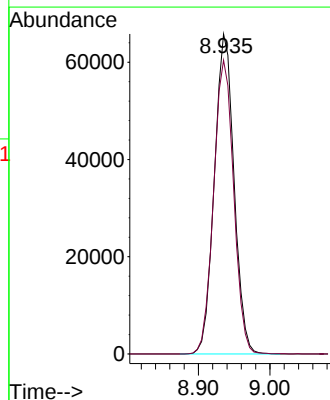
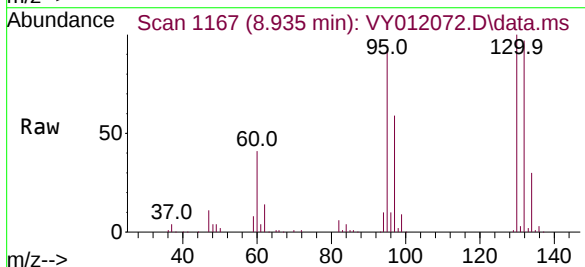
Acq: 04 Jan 2023 16:42

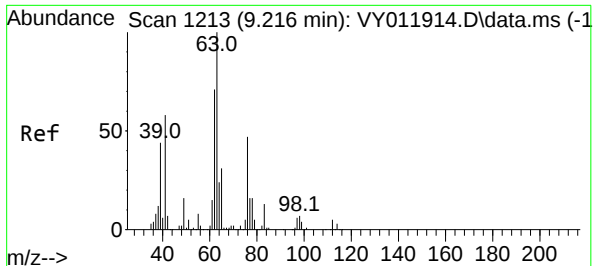
Tgt Ion:130 Resp: 125730

Ion Ratio Lower Upper

130 100

95 91.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 52.782 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

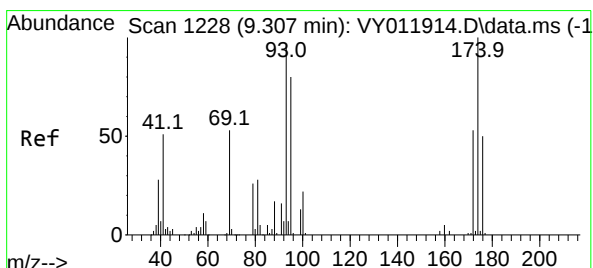
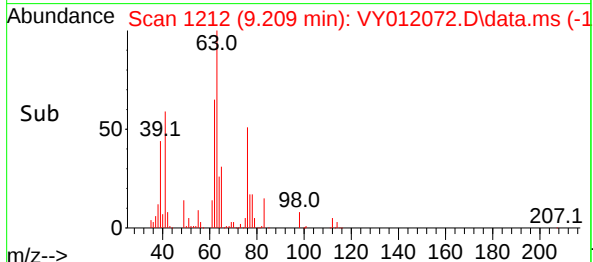
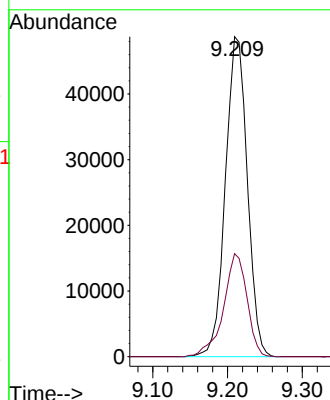
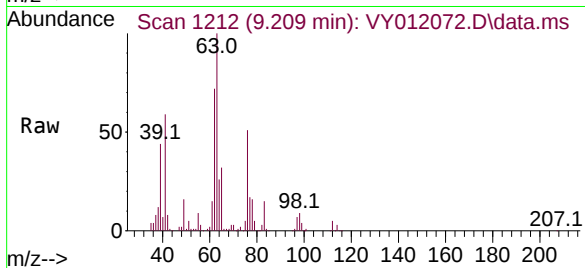
VSTDCCC050EC

Tgt Ion: 63 Resp: 99516

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3



#46

Dibromomethane

Concen: 56.868 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

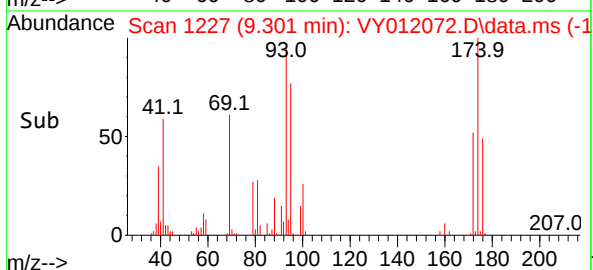
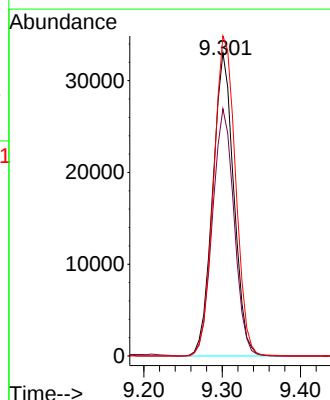
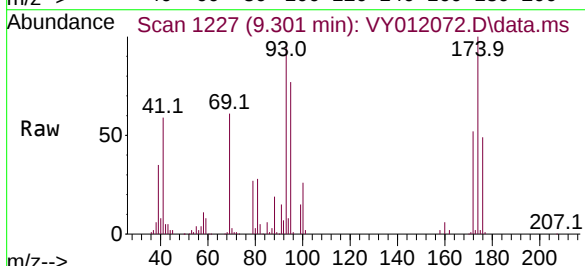
Tgt Ion: 93 Resp: 61761

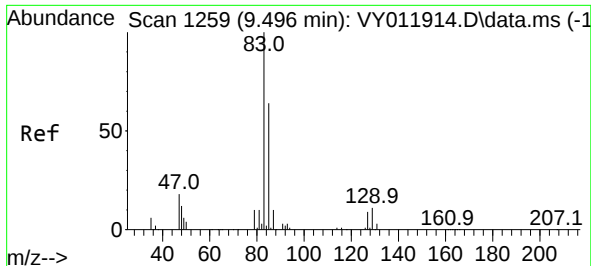
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

174 109.8 84.7 127.1

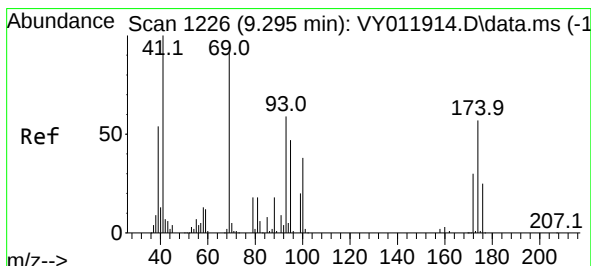
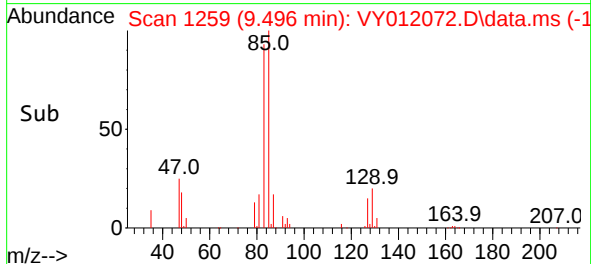
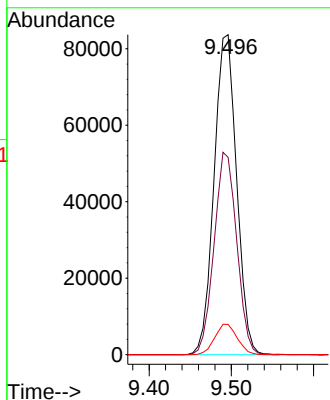
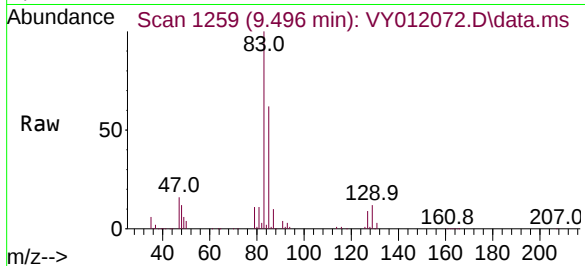




#47
Bromodichloromethane
Concen: 57.812 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

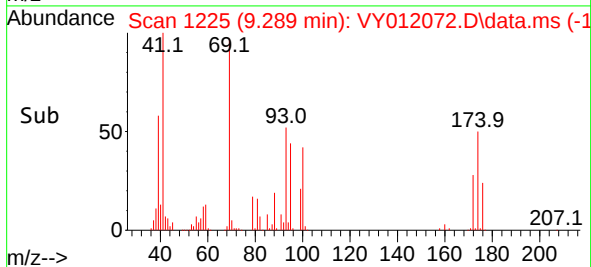
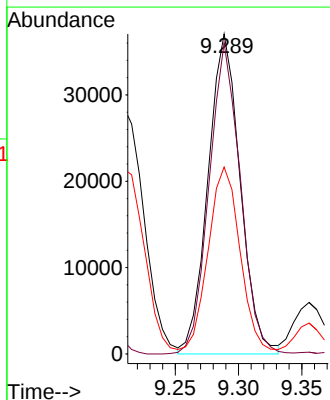
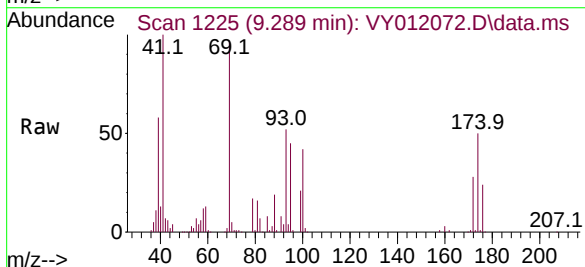
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

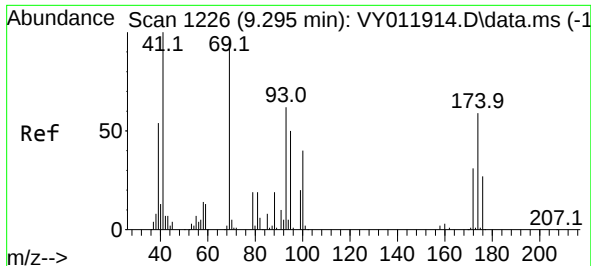
Tgt Ion: 83 Resp: 159286
Ion Ratio Lower Upper
83 100
85 61.7 52.0 78.0
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 60.505 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 41 Resp: 65455
Ion Ratio Lower Upper
41 100
69 94.3 74.2 111.2
39 55.9 46.3 69.5





#49

1,4-Dioxane

Concen: 1342.297 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012072.D

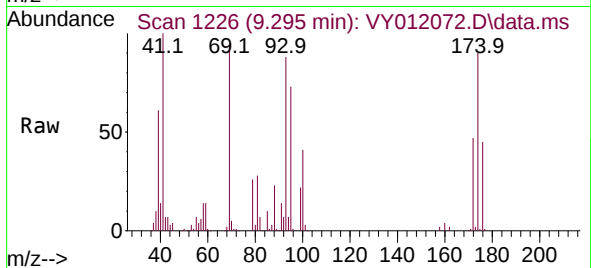
Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



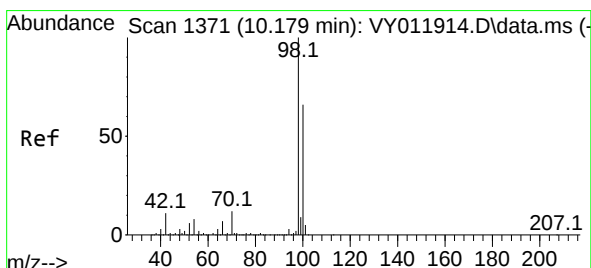
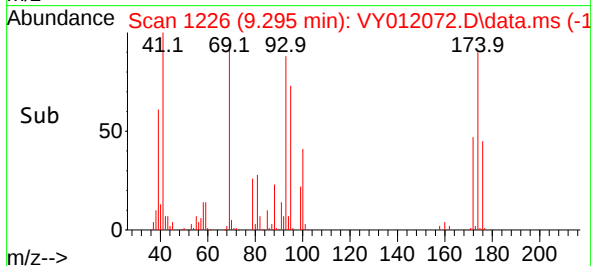
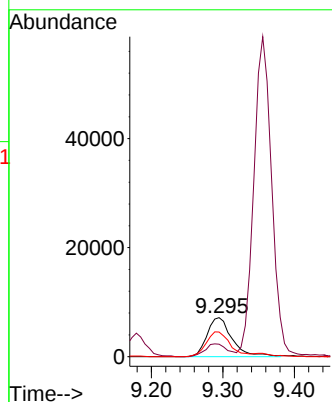
Tgt Ion: 88 Resp: 17405

Ion Ratio Lower Upper

88 100

43 29.7 26.2 39.2

58 60.6 54.3 81.5



#50

Toluene-d8

Concen: 51.801 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012072.D

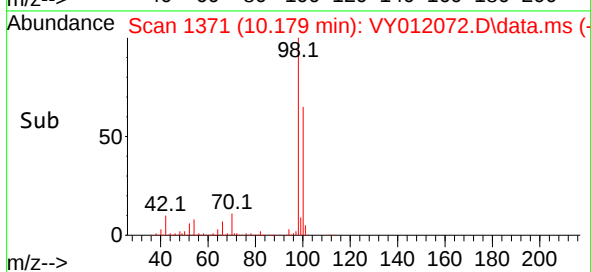
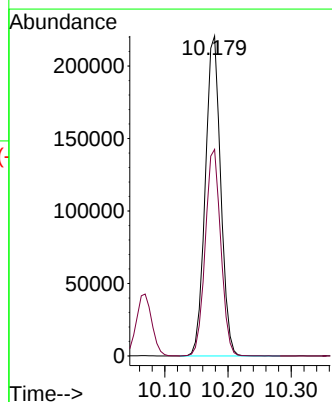
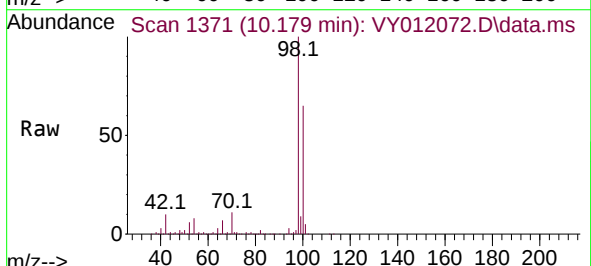
Acq: 04 Jan 2023 16:42

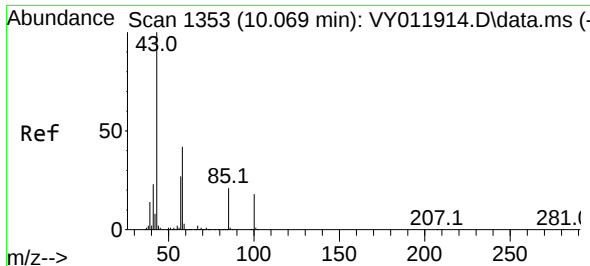
Tgt Ion: 98 Resp: 373608

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

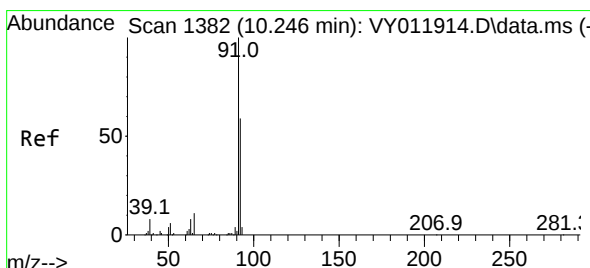
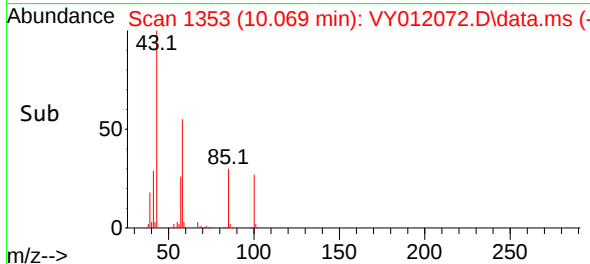
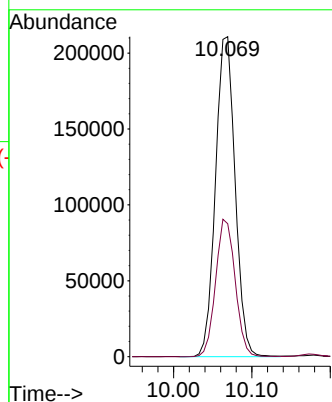
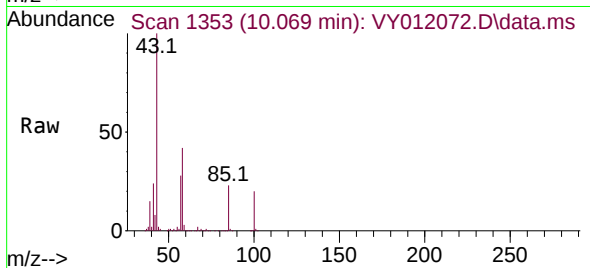




#51
4-Methyl-2-Pentanone
Concen: 294.757 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

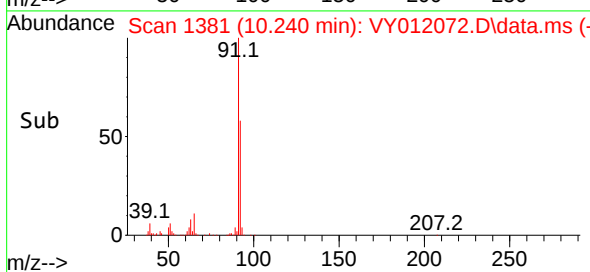
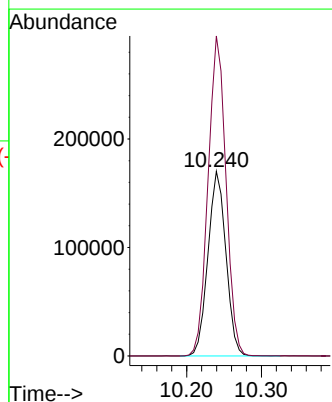
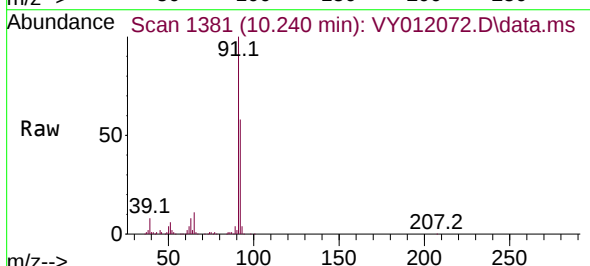
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

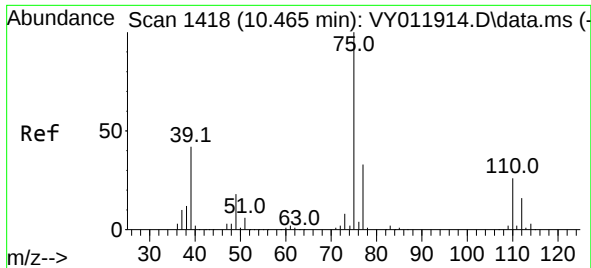
Tgt Ion: 43 Resp: 367222
Ion Ratio Lower Upper
43 100
58 42.7 32.9 49.3



#52
Toluene
Concen: 54.545 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 92 Resp: 283579
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0

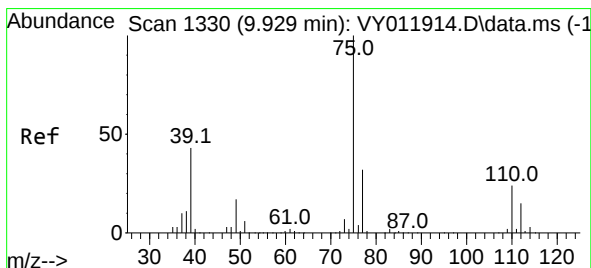
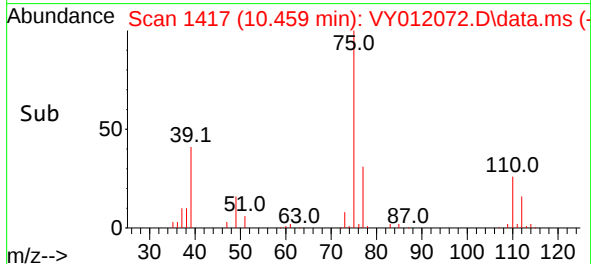
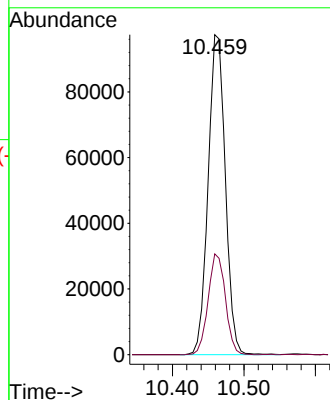
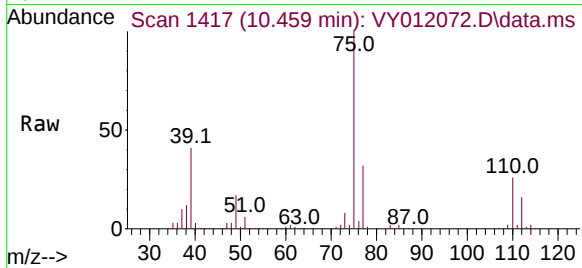




#53
 t-1,3-Dichloropropene
 Concen: 58.445 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY012072.D
 Acq: 04 Jan 2023 16:42

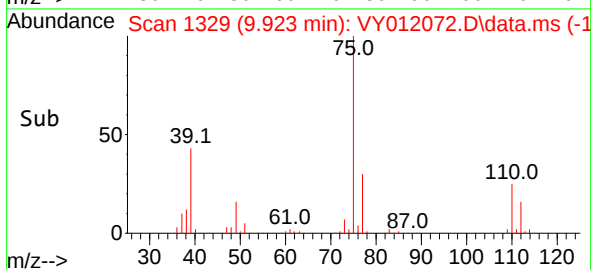
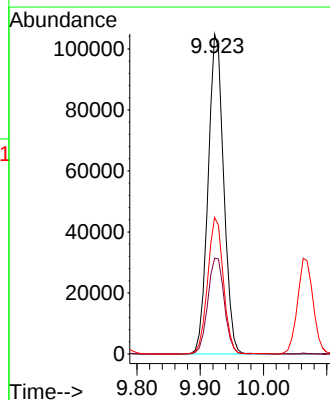
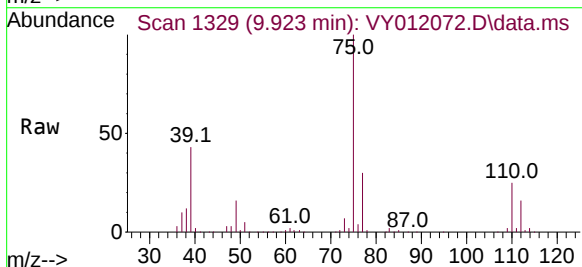
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

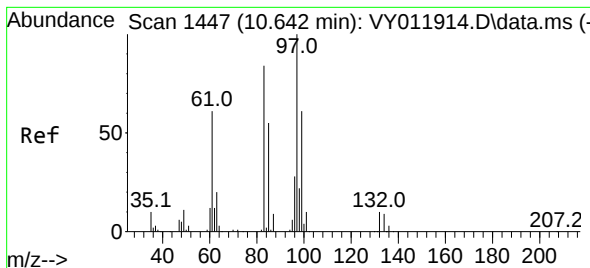
Tgt Ion: 75 Resp: 162717
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 57.393 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY012072.D
 Acq: 04 Jan 2023 16:42

Tgt Ion: 75 Resp: 179607
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.9 38.9
 39 42.7 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 58.395 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 89996

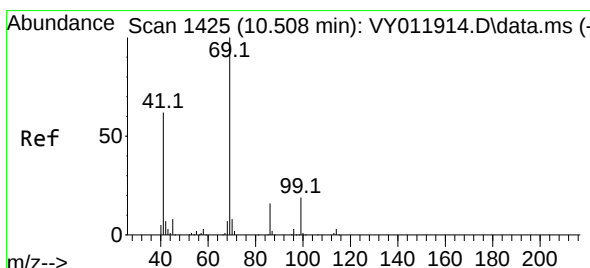
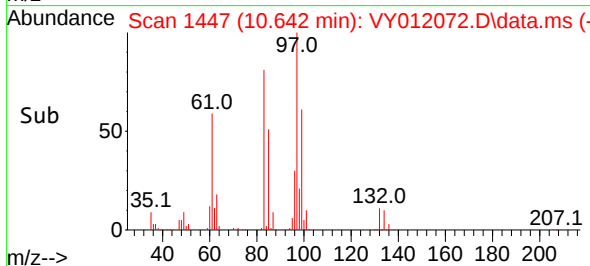
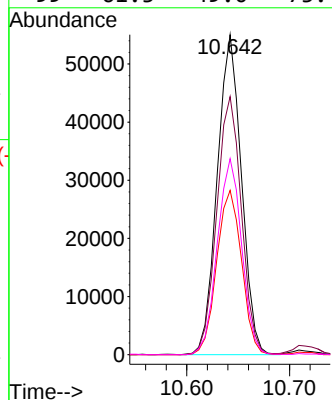
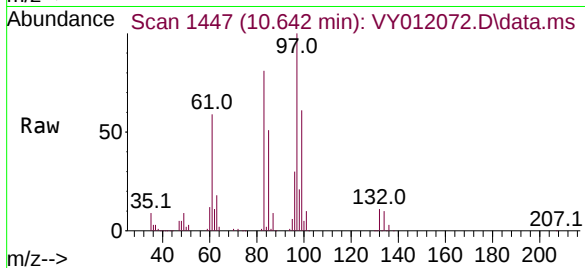
Ion Ratio Lower Upper

97 100

83 80.7 67.7 101.5

85 51.3 43.8 65.8

99 61.3 49.0 73.4



#56

Ethyl methacrylate

Concen: 62.294 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

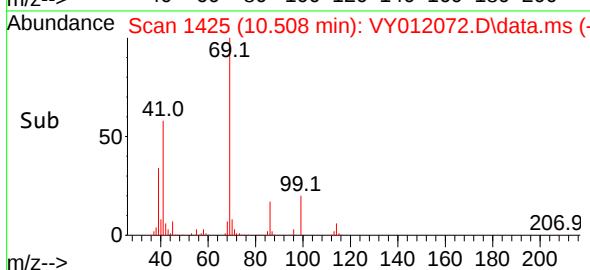
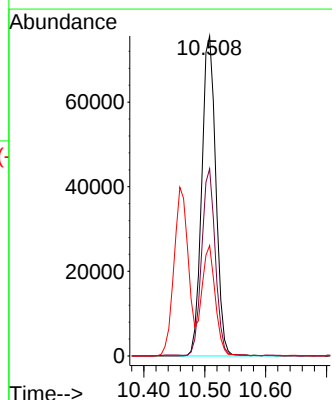
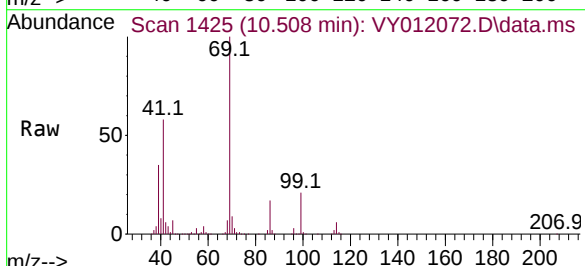
Tgt Ion: 69 Resp: 121553

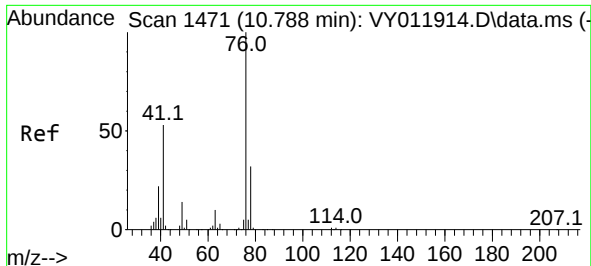
Ion Ratio Lower Upper

69 100

41 57.2 48.9 73.3

39 33.1 25.9 38.9





#57

1,3-Dichloropropane

Concen: 58.276 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

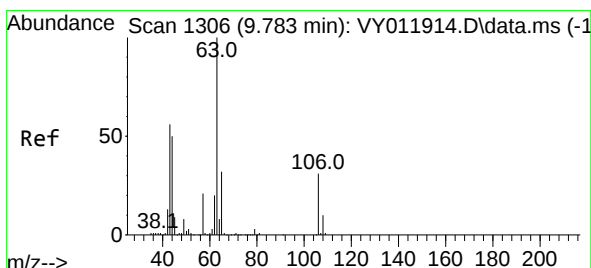
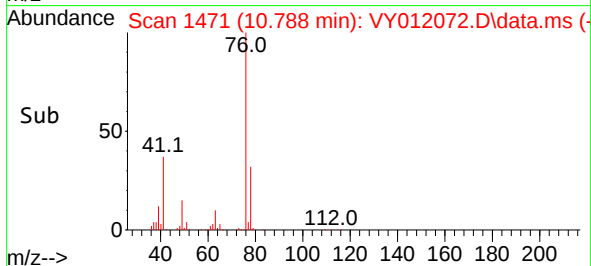
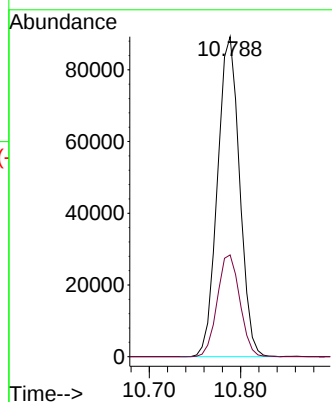
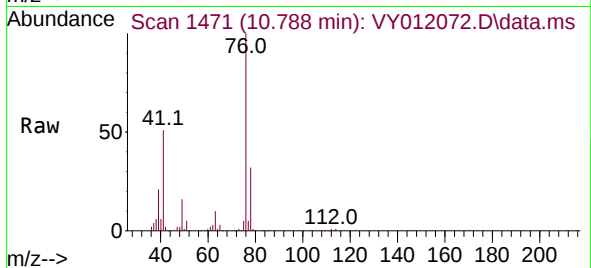
VSTDCCC050EC

Tgt Ion: 76 Resp: 149879

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.003 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY012072.D

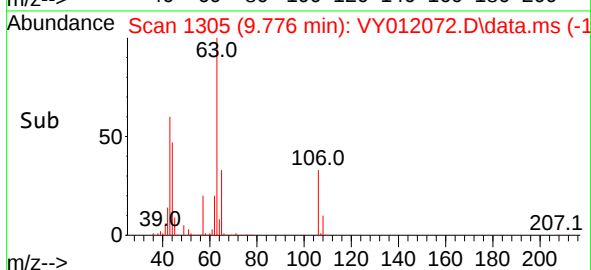
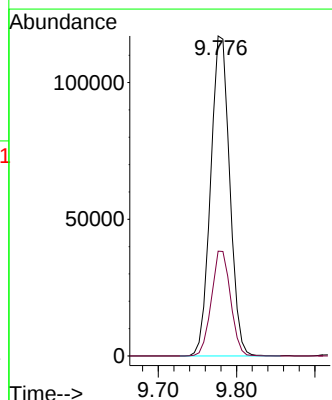
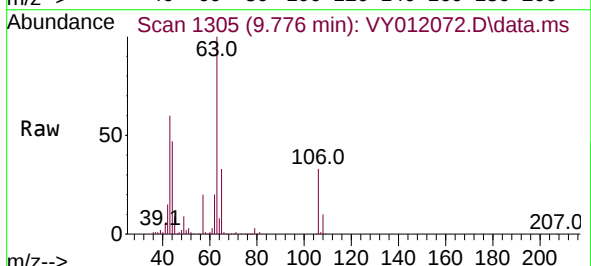
Acq: 04 Jan 2023 16:42

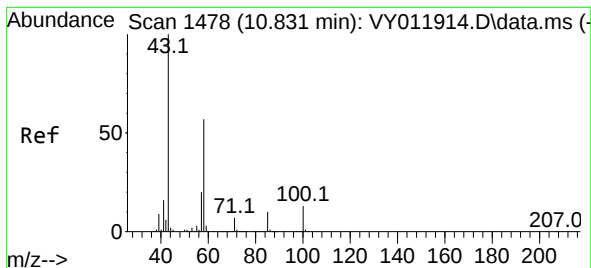
Tgt Ion: 63 Resp: 198028

Ion Ratio Lower Upper

63 100

106 32.8 23.2 34.8

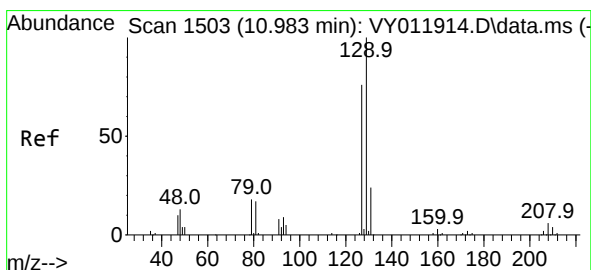
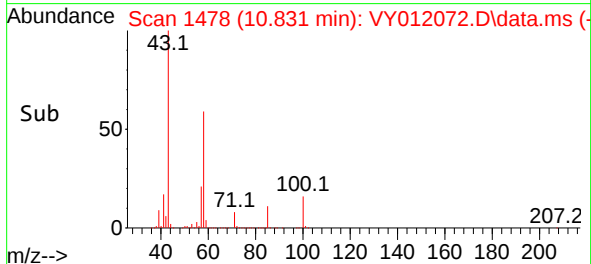
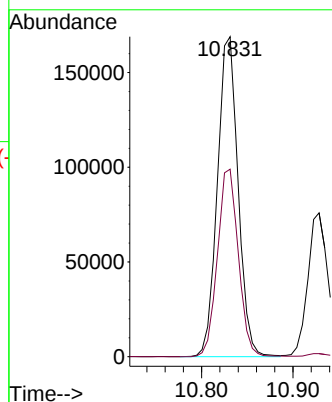
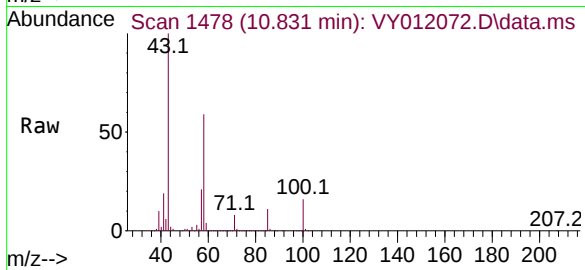




#59
2-Hexanone
Concen: 290.166 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

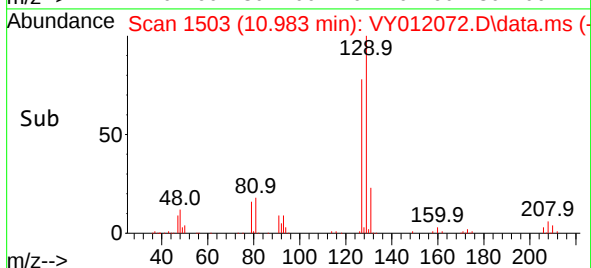
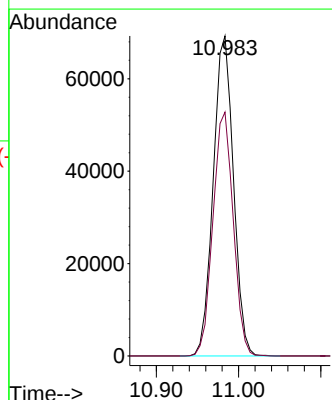
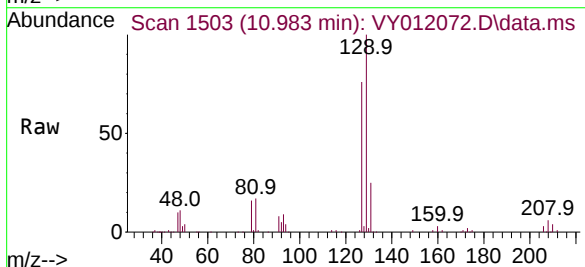
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

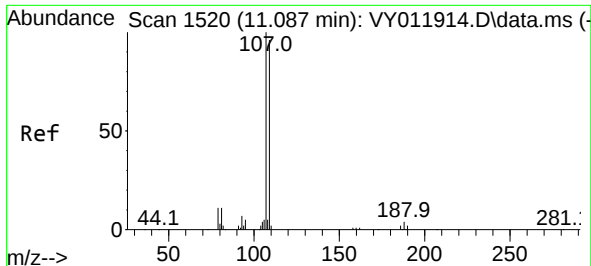
Tgt Ion: 43 Resp: 265949
Ion Ratio Lower Upper
43 100
58 59.2 28.4 85.2



#60
Dibromochloromethane
Concen: 60.945 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 129 Resp: 118322
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6

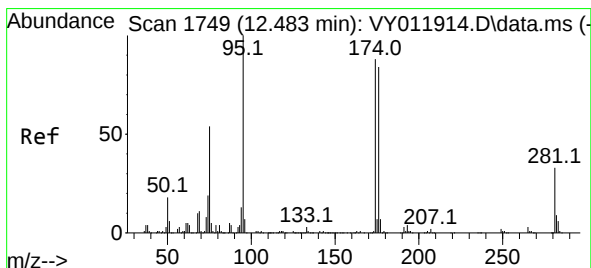
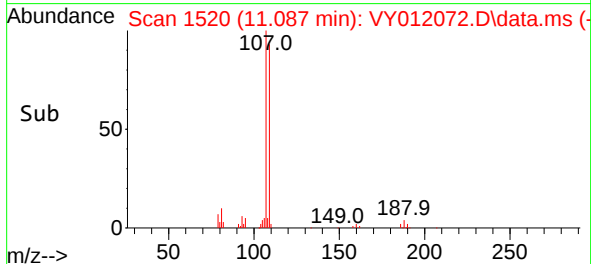
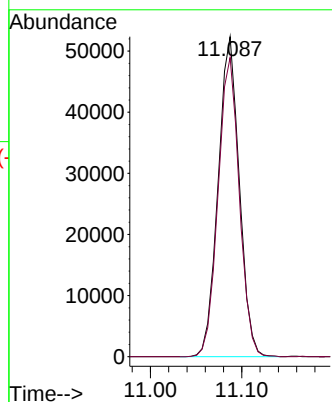
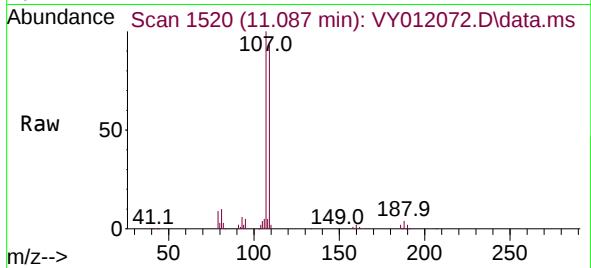




#61
1,2-Dibromoethane
Concen: 58.363 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

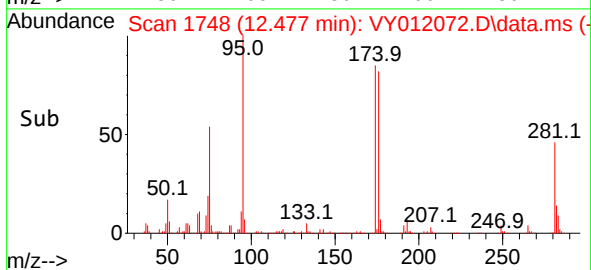
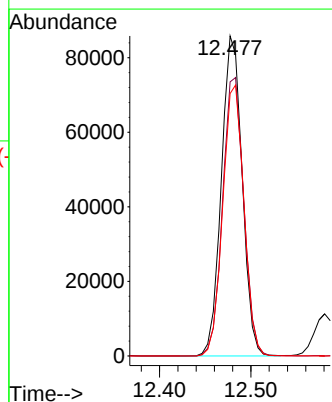
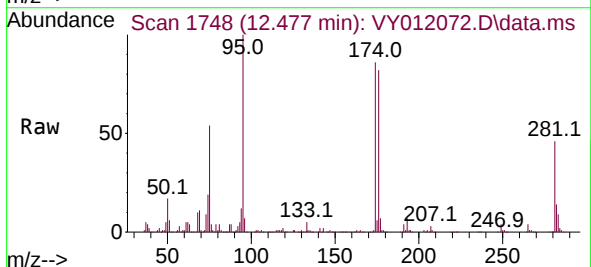
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

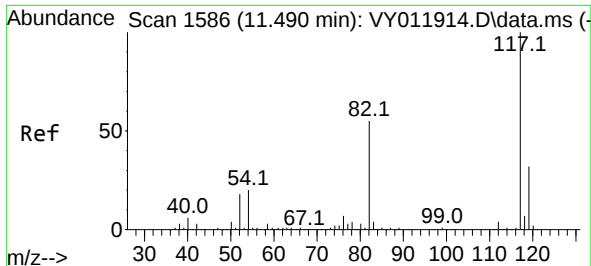
Tgt Ion:107 Resp: 84151
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 56.079 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 95 Resp: 136030
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.0
176 86.1 0.0 167.6

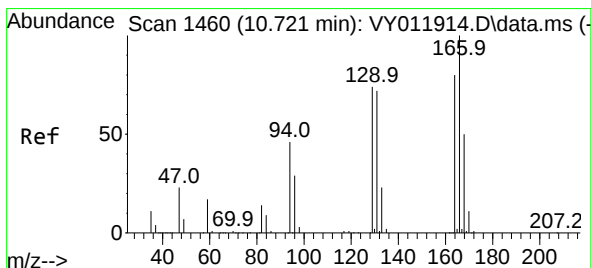
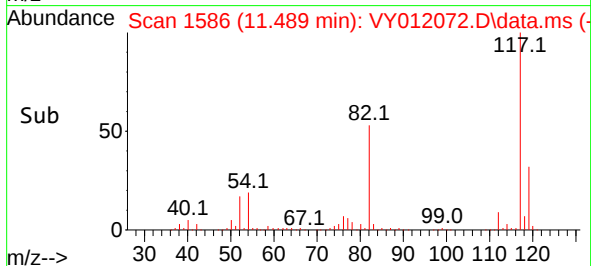
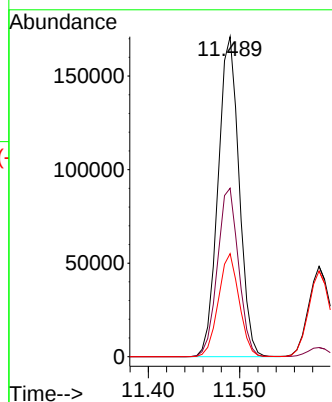
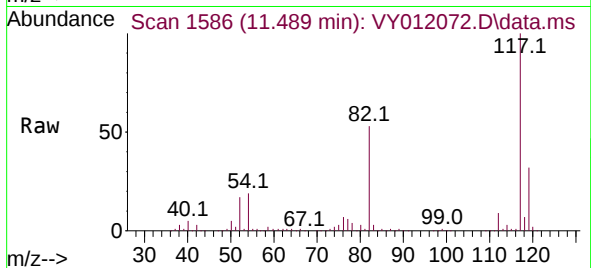




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

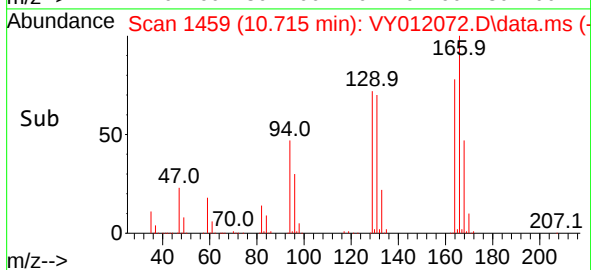
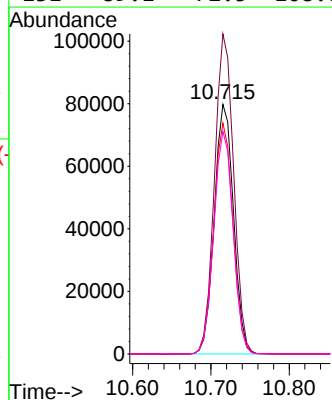
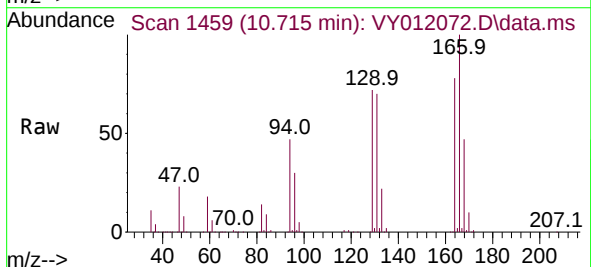
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

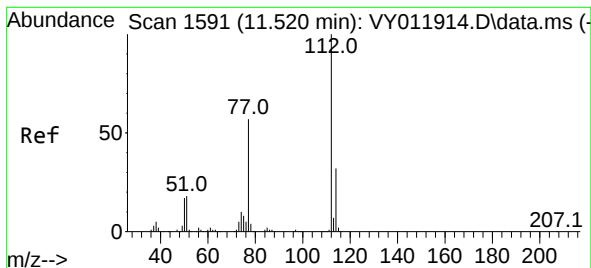
Tgt Ion:117 Resp: 273820
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 56.815 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:164 Resp: 136173
Ion Ratio Lower Upper
164 100
166 128.2 102.3 153.5
129 92.5 77.2 115.8
131 89.1 72.5 108.7





#65

Chlorobenzene

Concen: 54.323 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

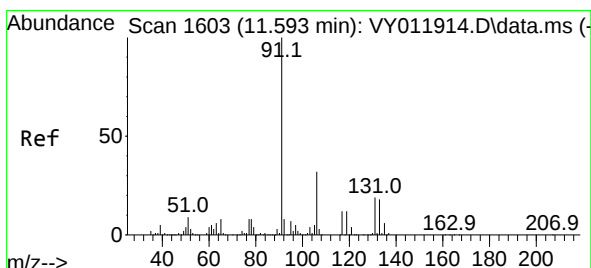
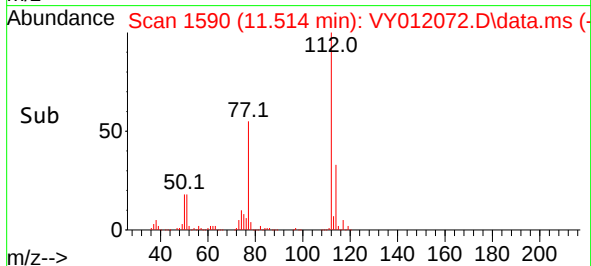
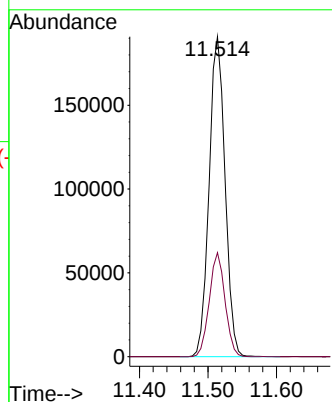
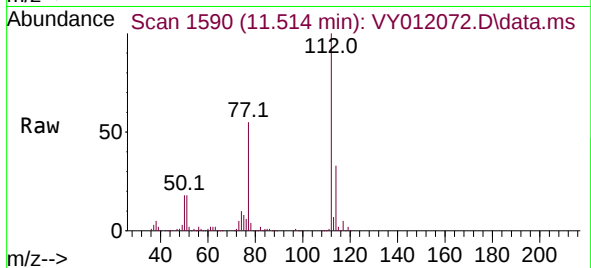
VSTDCCC050EC

Tgt Ion:112 Resp: 308854

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 56.907 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

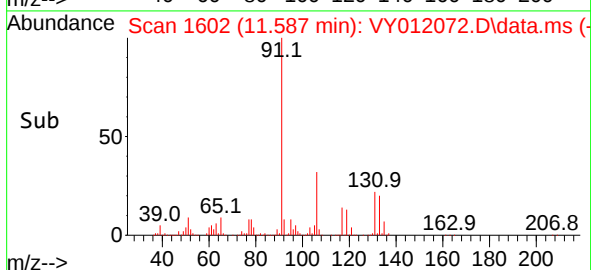
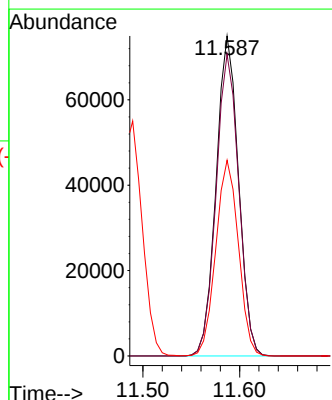
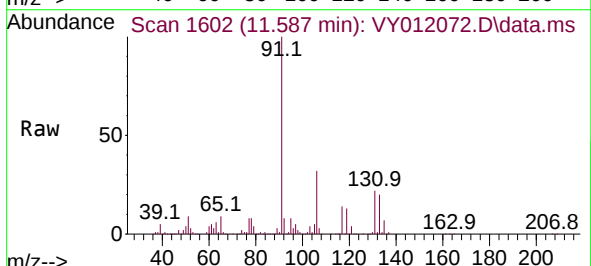
Tgt Ion:131 Resp: 120378

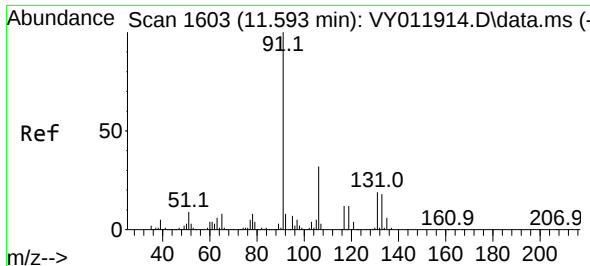
Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

119 61.8 32.1 96.3





#67

Ethyl Benzene

Concen: 54.055 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

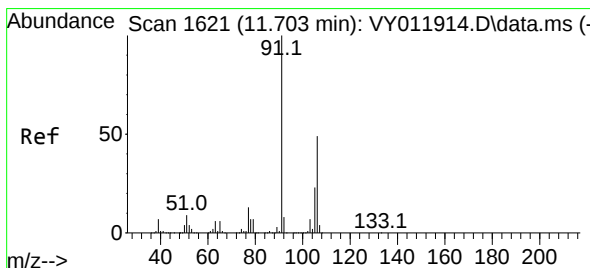
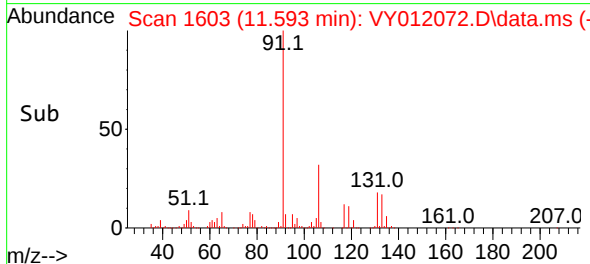
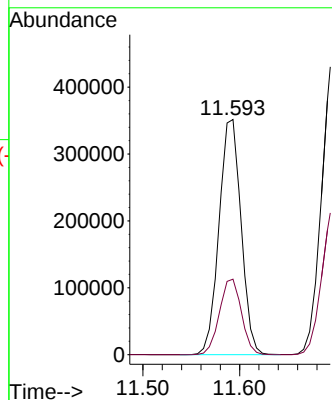
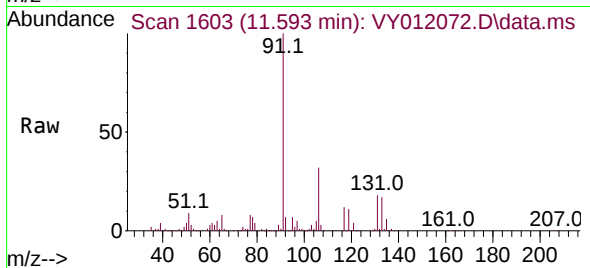
VSTDCCC050EC

Tgt Ion: 91 Resp: 555533

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 109.381 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012072.D

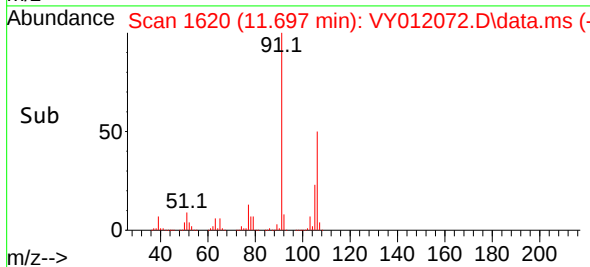
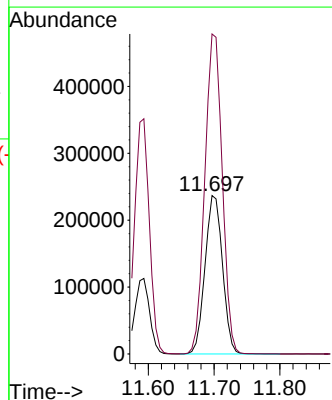
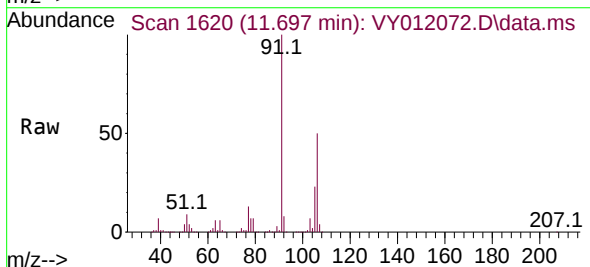
Acq: 04 Jan 2023 16:42

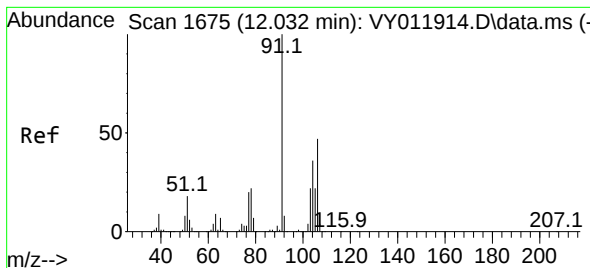
Tgt Ion:106 Resp: 437176

Ion Ratio Lower Upper

106 100

91 201.5 162.5 243.7

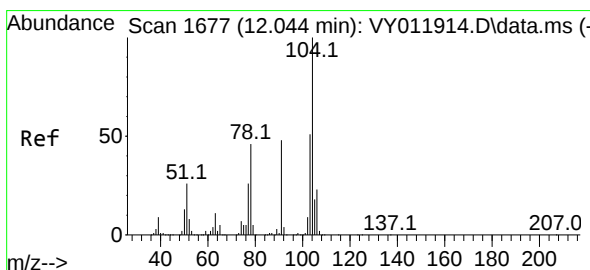
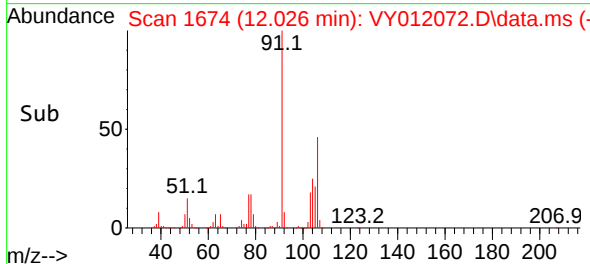
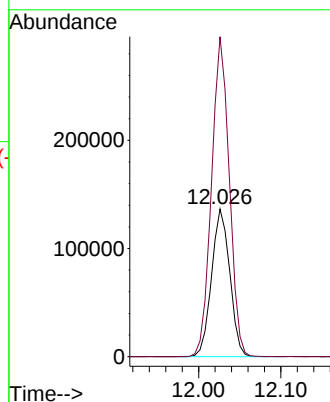
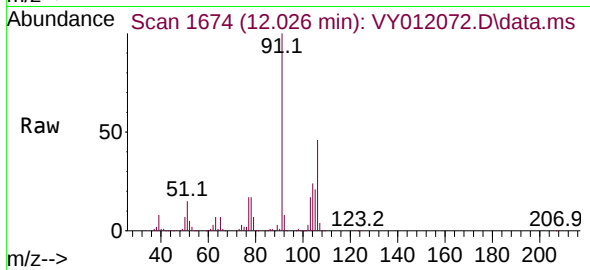




#69
o-Xylene
Concen: 56.456 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

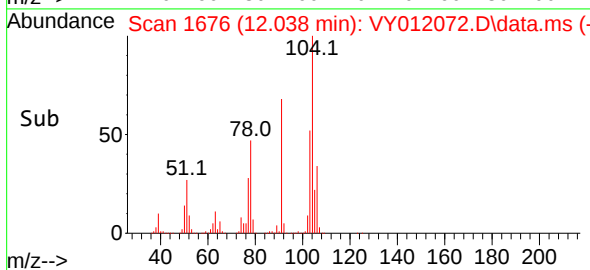
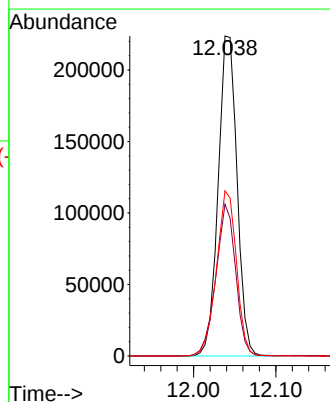
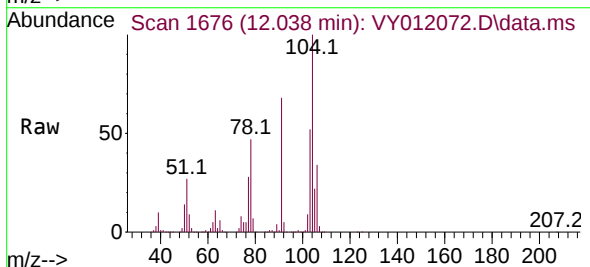
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

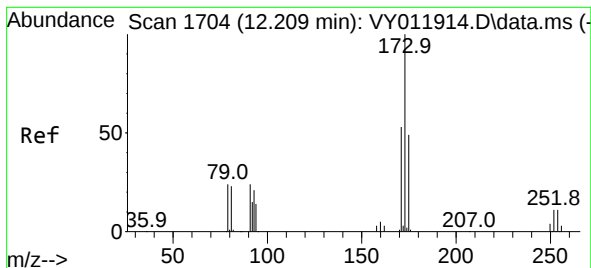
Tgt Ion:106 Resp: 209952
Ion Ratio Lower Upper
106 100
91 211.8 107.5 322.4



#70
Styrene
Concen: 57.260 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:104 Resp: 357543
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.0
103 54.7 43.0 64.4





#71

Bromoform

Concen: 61.478 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

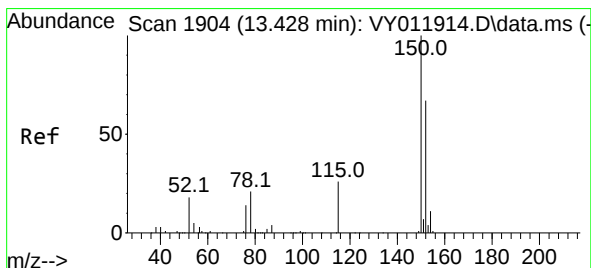
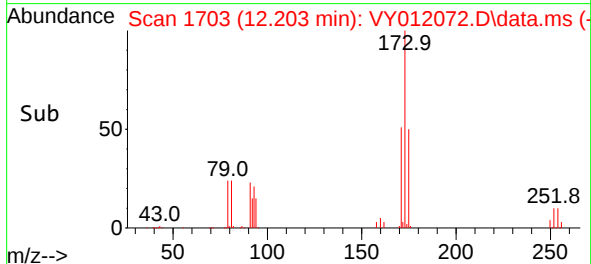
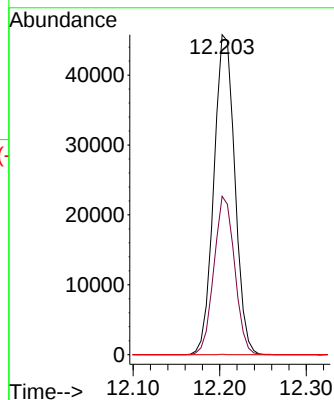
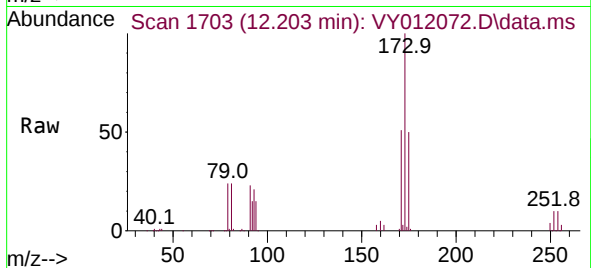
Tgt Ion:173 Resp: 77059

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

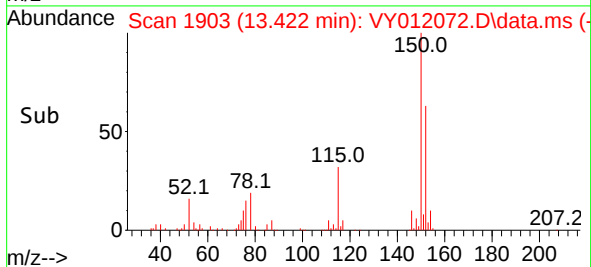
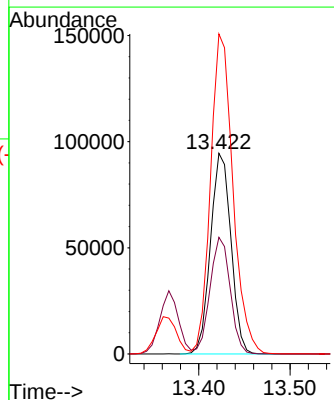
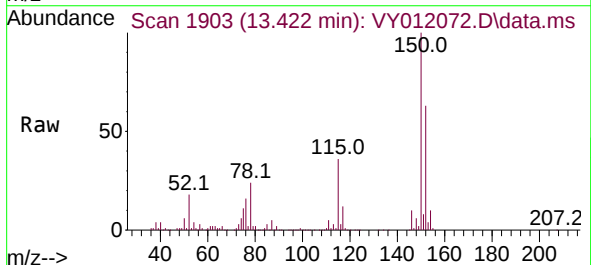
Tgt Ion:152 Resp: 147084

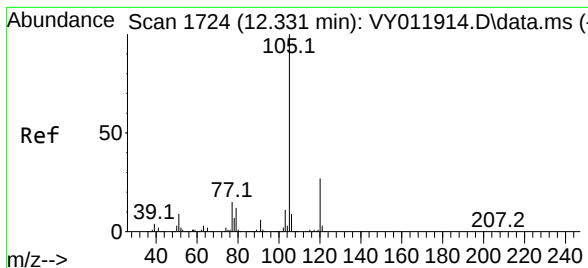
Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 174.2 0.0 342.6





#73

Isopropylbenzene

Concen: 51.799 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

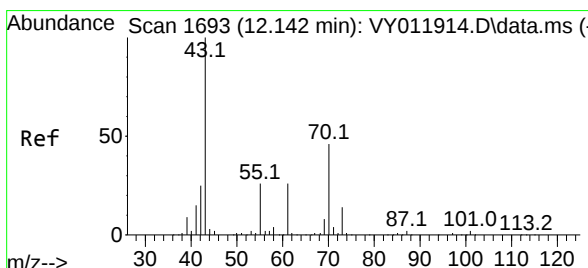
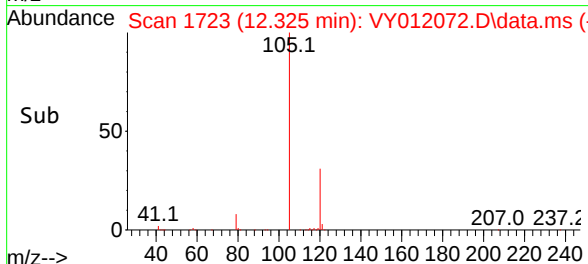
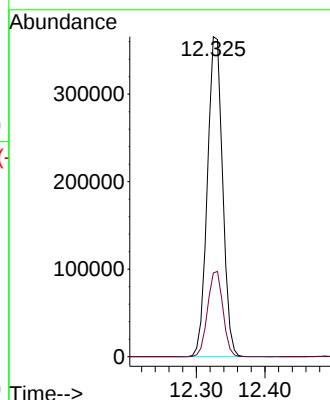
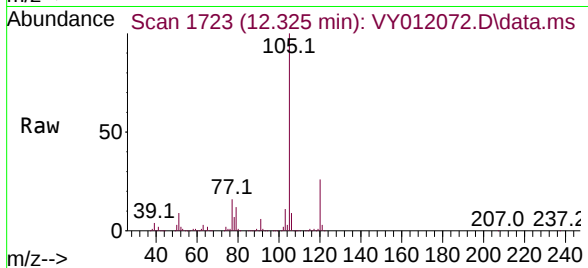
VSTDCCC050EC

Tgt Ion:105 Resp: 565360

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 55.275 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Tgt Ion: 43 Resp: 123684

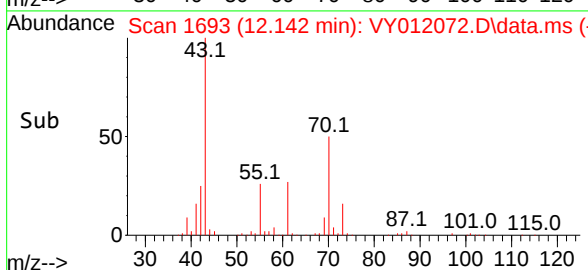
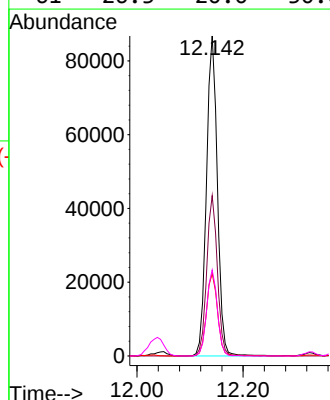
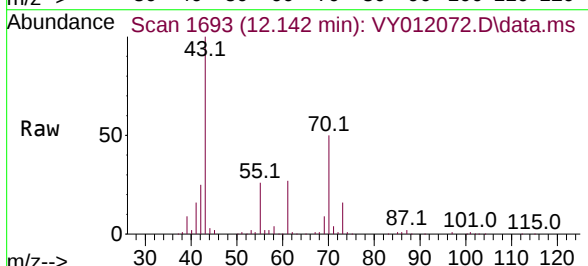
Ion Ratio Lower Upper

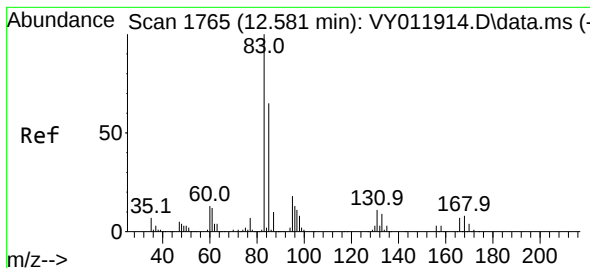
43 100

70 48.8 35.8 53.8

55 26.1 21.0 31.4

61 26.3 20.0 30.0

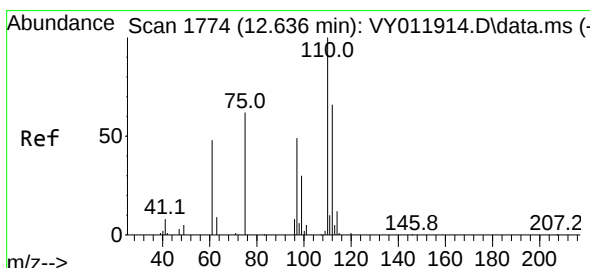
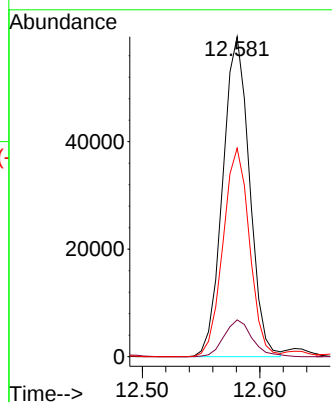
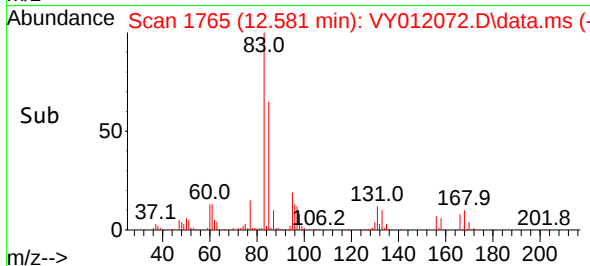
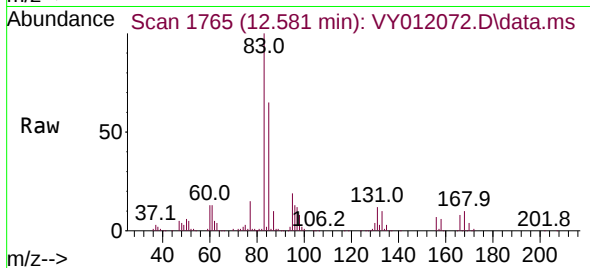




#75
1,1,2,2-Tetrachloroethane
Concen: 51.704 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

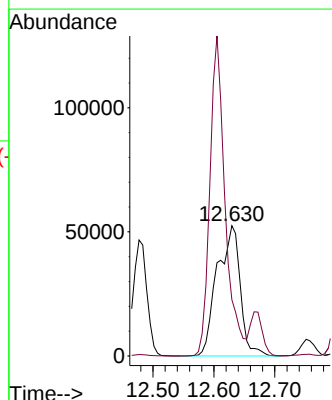
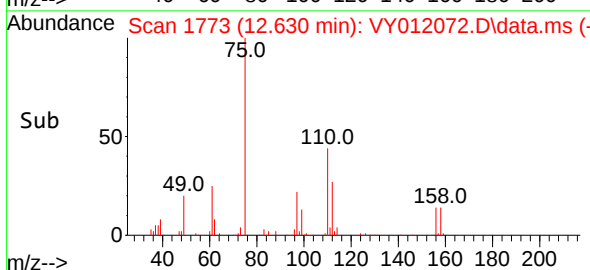
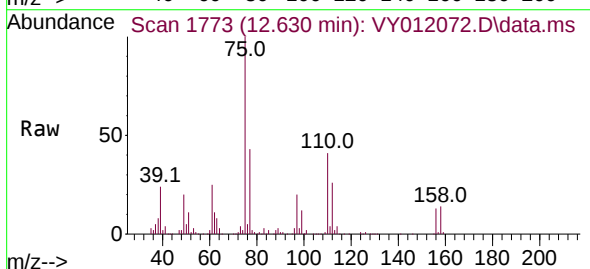
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

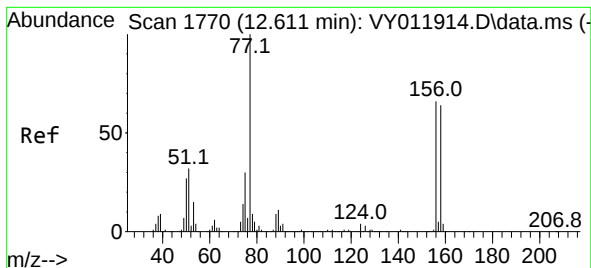
Tgt Ion: 83 Resp: 94143
Ion Ratio Lower Upper
83 100
131 12.1 5.6 16.8
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 75.277 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 75 Resp: 137773
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.303 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

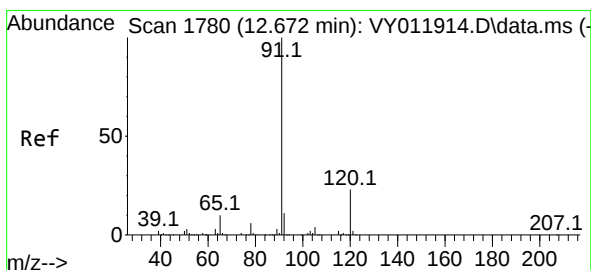
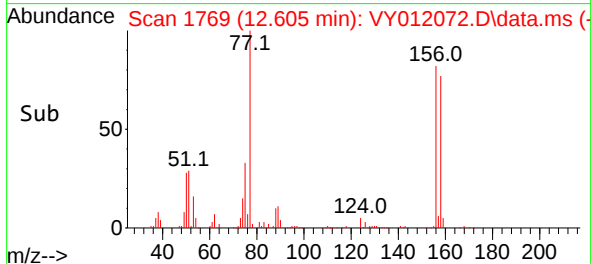
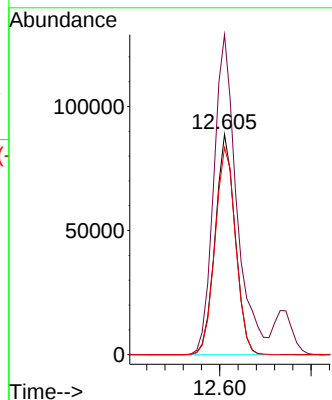
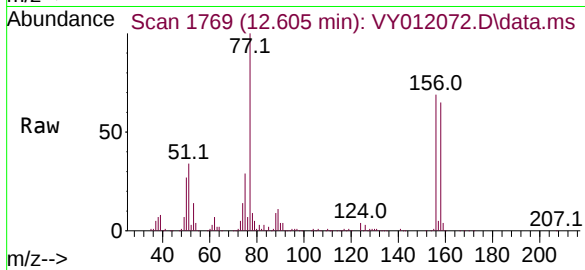
Tgt Ion:156 Resp: 134595

Ion Ratio Lower Upper

156 100

77 167.6 90.0 270.0

158 97.3 48.4 145.2



#78

n-propylbenzene

Concen: 51.056 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012072.D

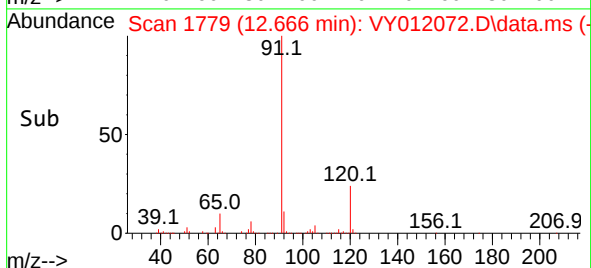
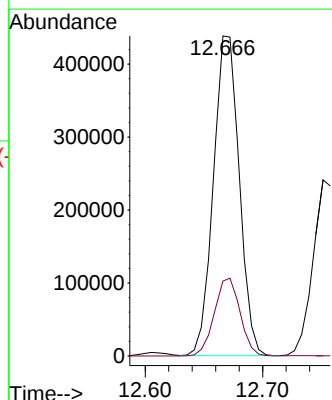
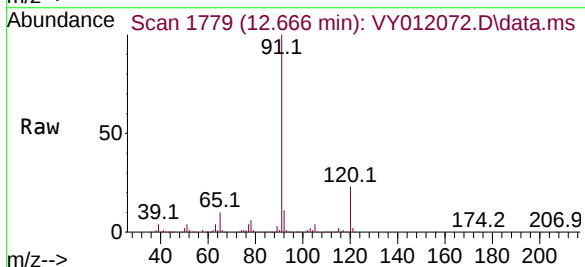
Acq: 04 Jan 2023 16:42

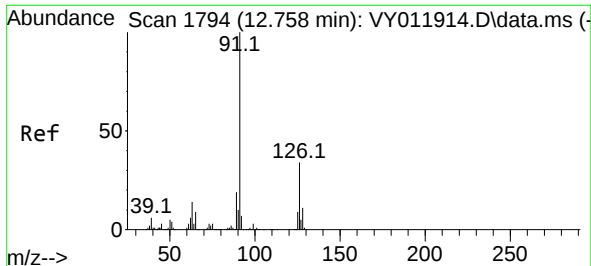
Tgt Ion: 91 Resp: 669824

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4

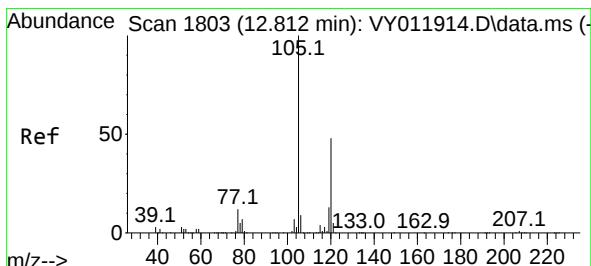
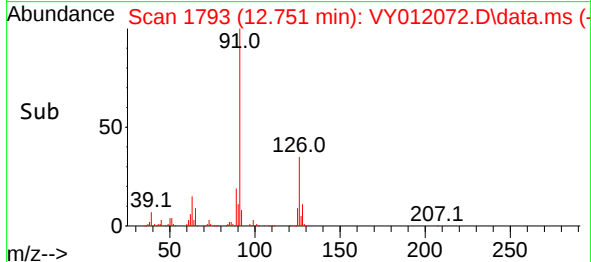
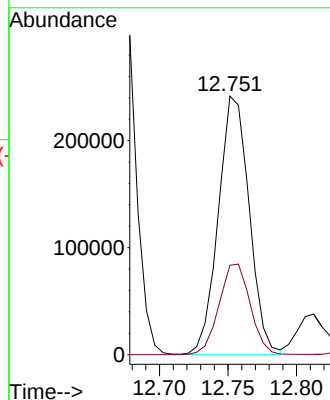
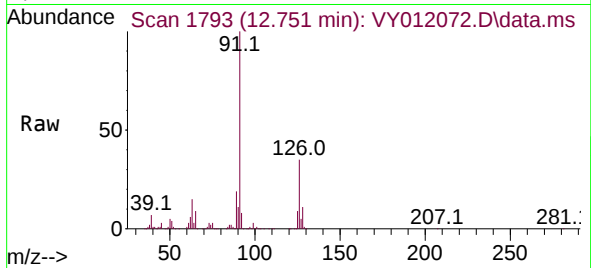




#79
2-Chlorotoluene
Concen: 51.331 ug/l
RT: 12.751 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

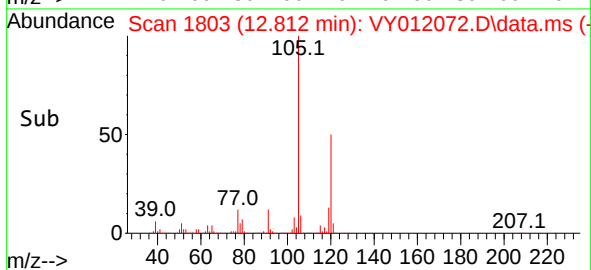
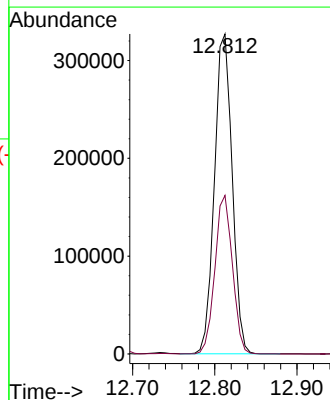
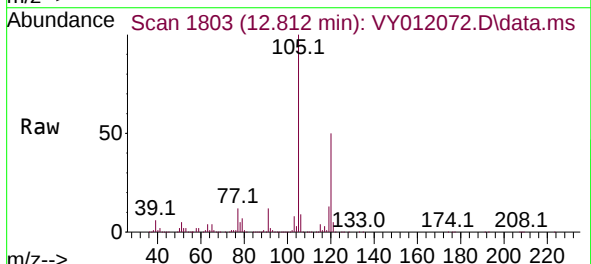
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

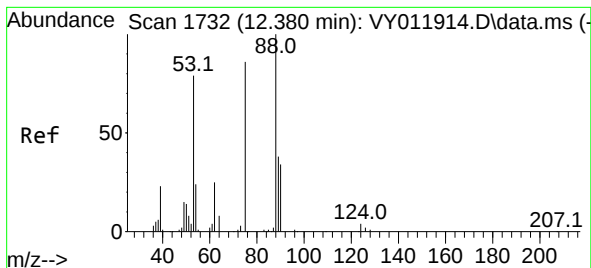
Tgt Ion: 91 Resp: 378546
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 52.504 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:105 Resp: 490633
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

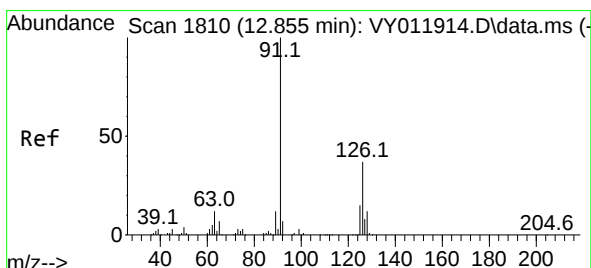
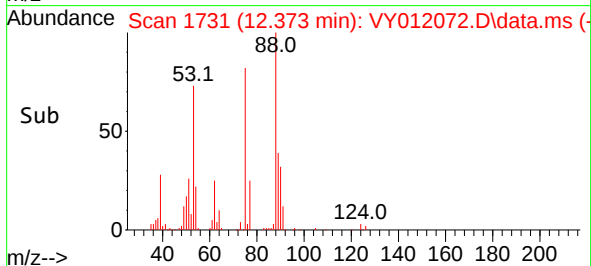
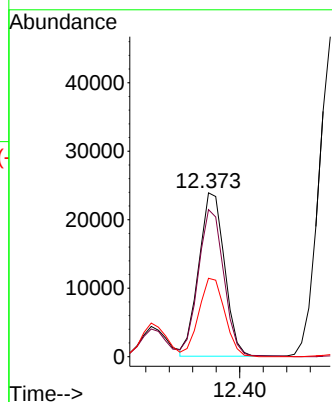
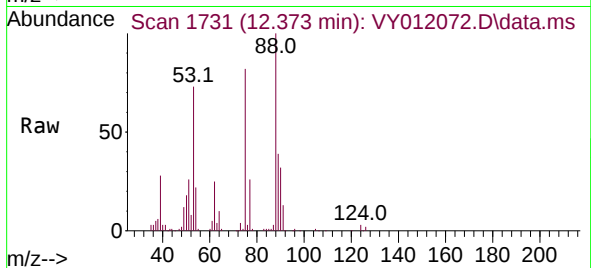




#81
trans-1,4-Dichloro-2-butene
Concen: 54.331 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

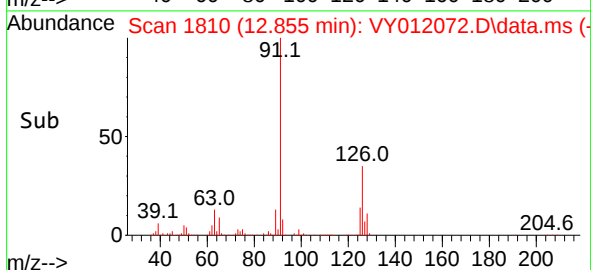
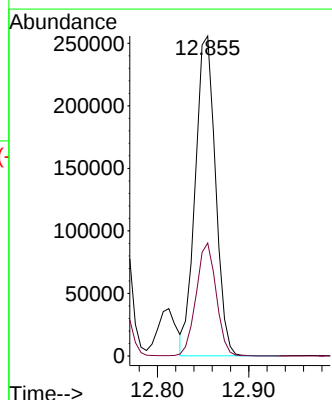
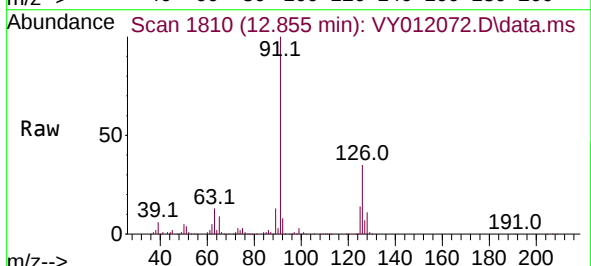
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

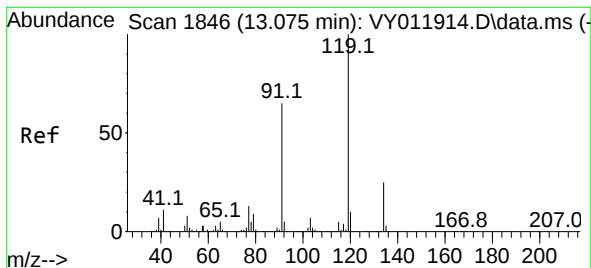
Tgt Ion: 75 Resp: 36311
Ion Ratio Lower Upper
75 100
53 89.9 72.5 108.7
89 48.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.492 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 91 Resp: 392903
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.271 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

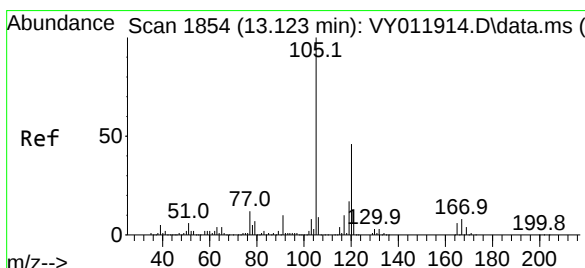
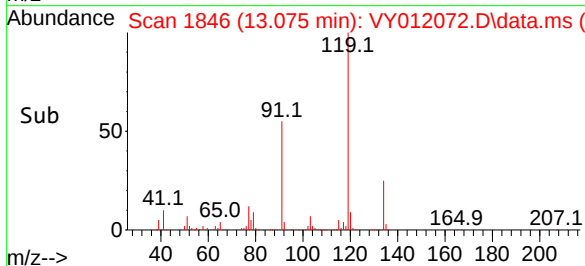
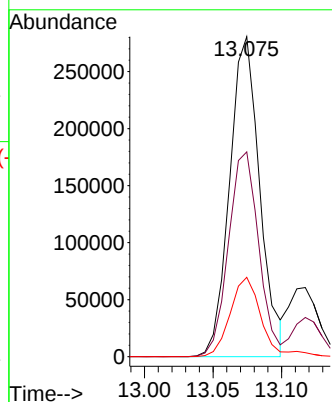
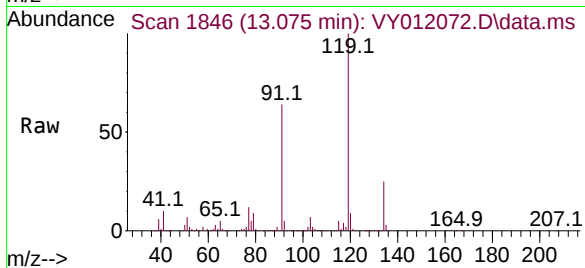
Tgt Ion:119 Resp: 429806

Ion Ratio Lower Upper

119 100

91 64.2 32.3 96.8

134 25.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 52.910 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012072.D

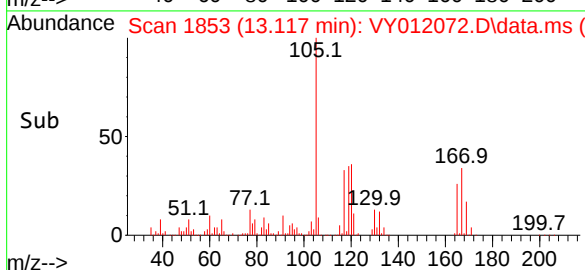
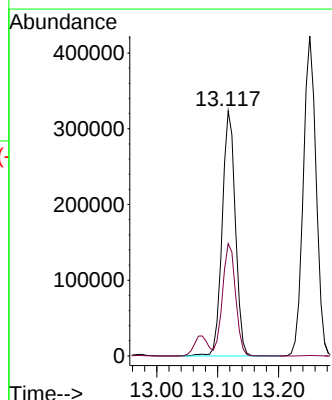
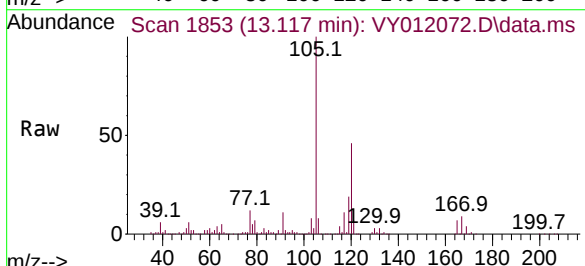
Acq: 04 Jan 2023 16:42

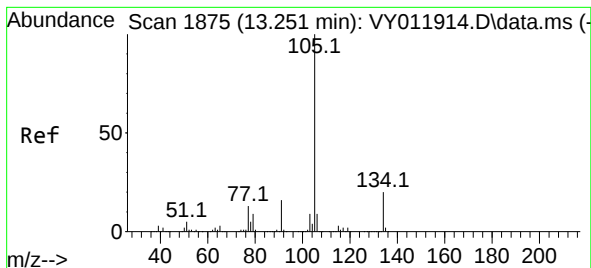
Tgt Ion:105 Resp: 486409

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 52.129 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

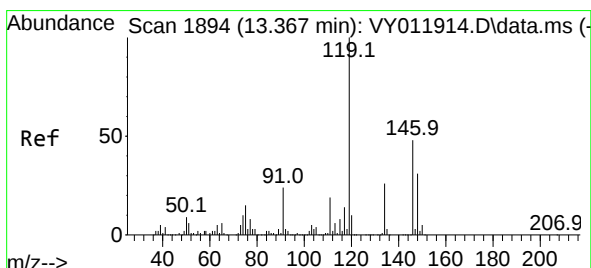
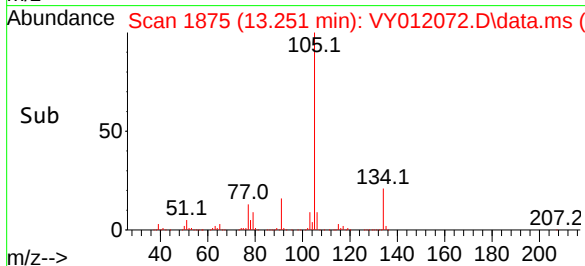
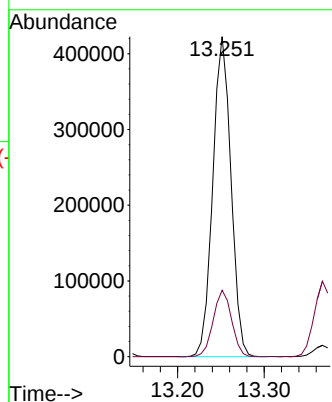
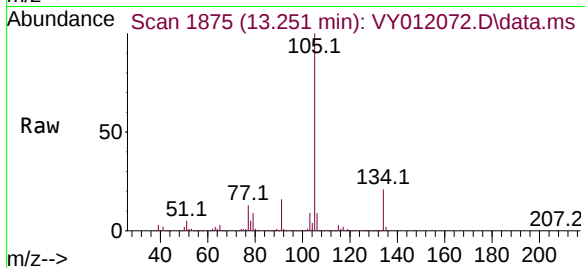
VSTDCCC050EC

Tgt Ion:105 Resp: 616475

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 53.784 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

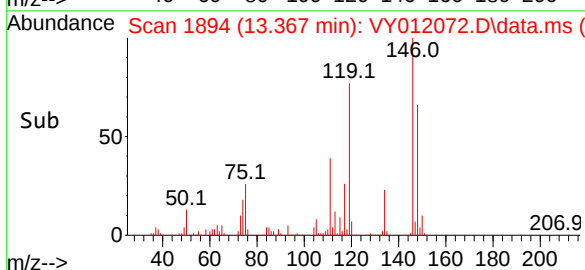
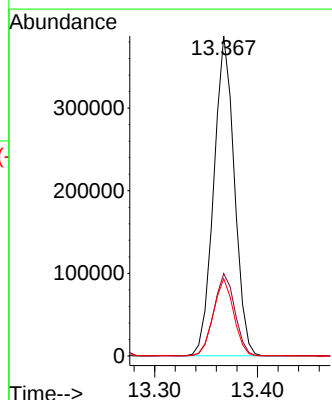
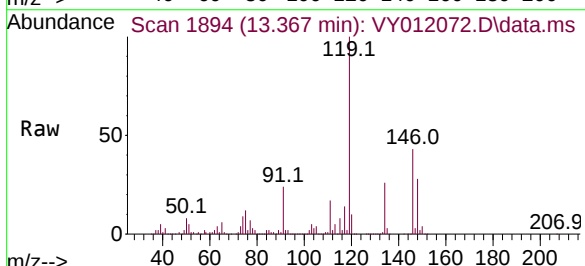
Tgt Ion:119 Resp: 536684

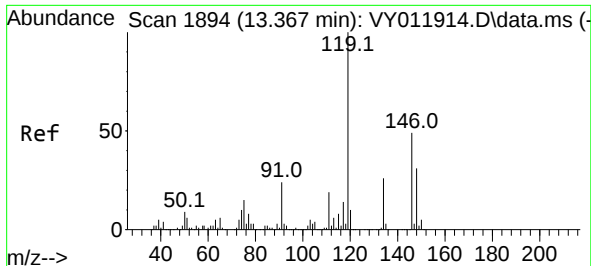
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.9 11.9 35.9

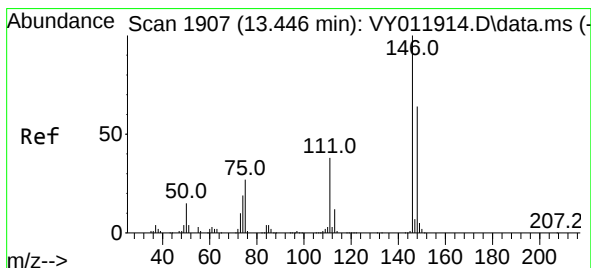
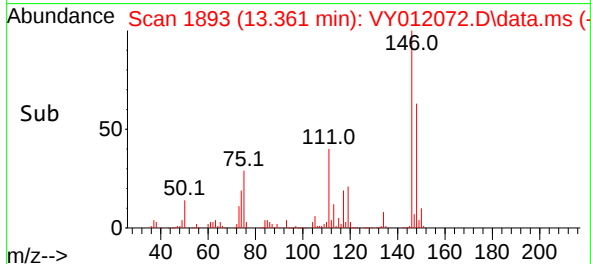
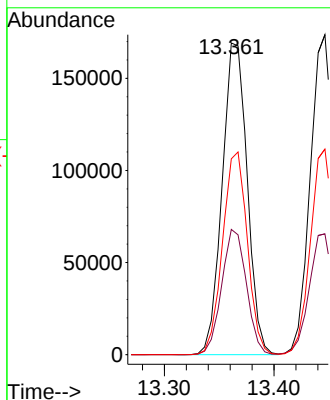
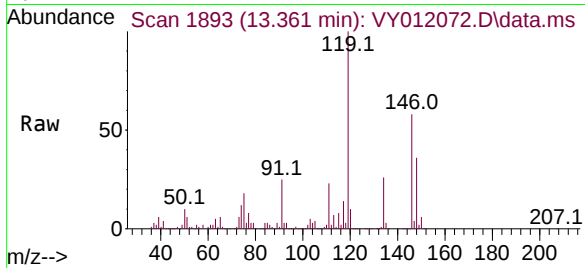




#87
1,3-Dichlorobenzene
Concen: 52.891 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

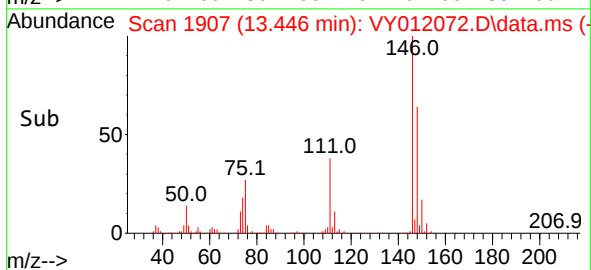
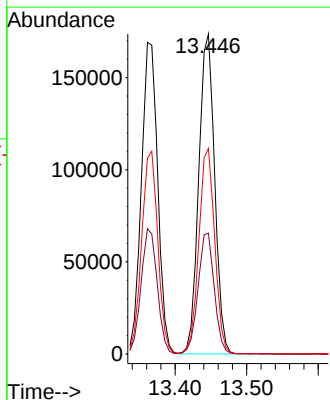
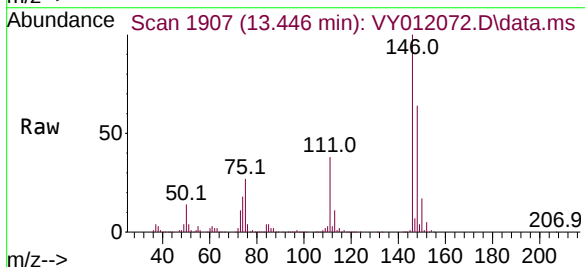
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

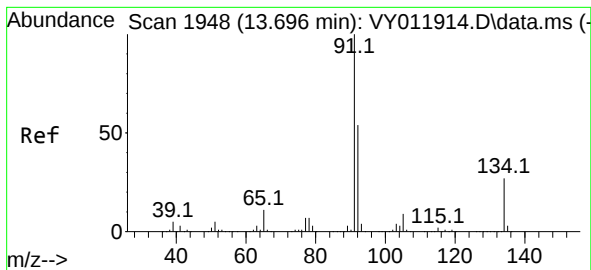
Tgt Ion:146 Resp: 268591
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.201 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:146 Resp: 268580
Ion Ratio Lower Upper
146 100
111 38.4 19.6 58.7
148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 53.269 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

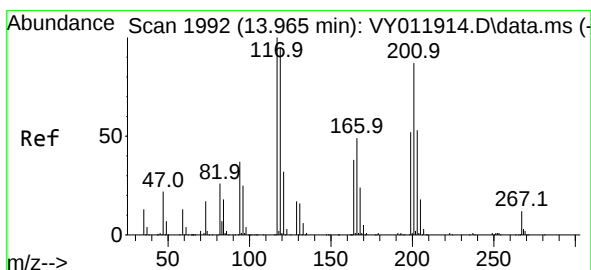
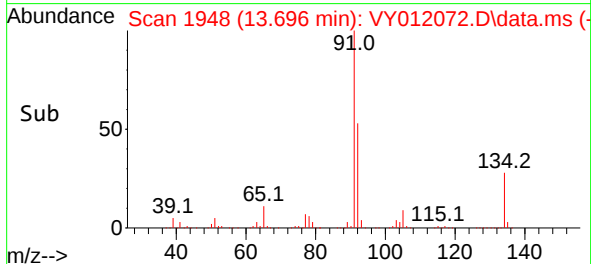
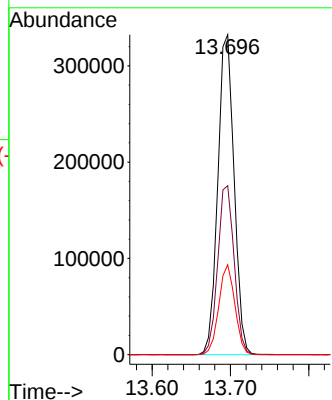
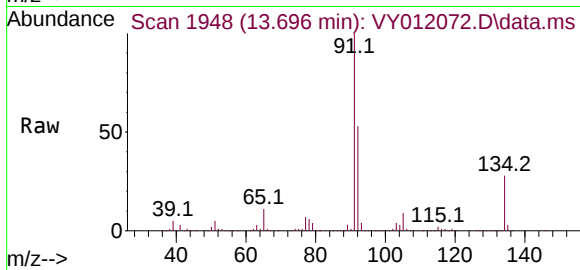
Tgt Ion: 91 Resp: 481189

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

134 27.7 13.3 39.8



#90

Hexachloroethane

Concen: 52.500 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012072.D

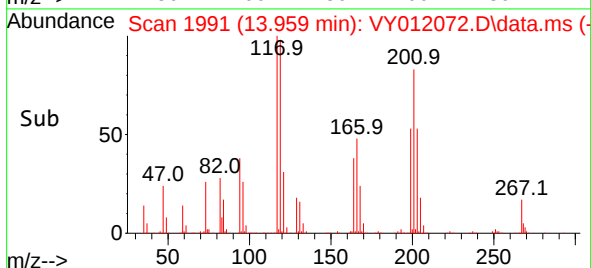
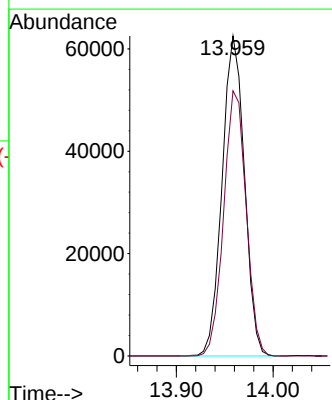
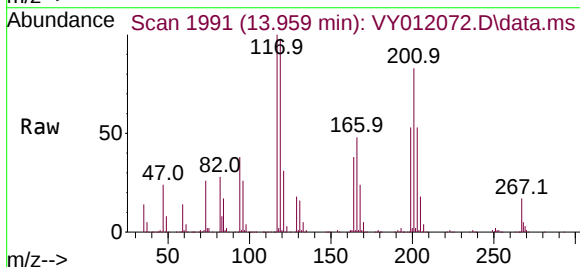
Acq: 04 Jan 2023 16:42

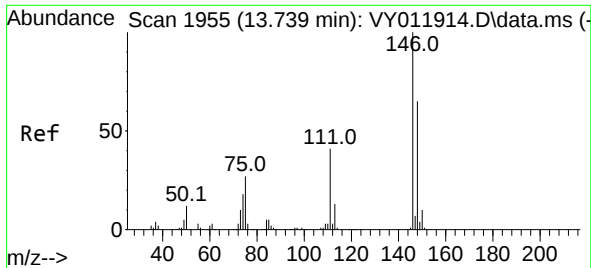
Tgt Ion: 117 Resp: 99957

Ion Ratio Lower Upper

117 100

201 83.3 40.3 120.8

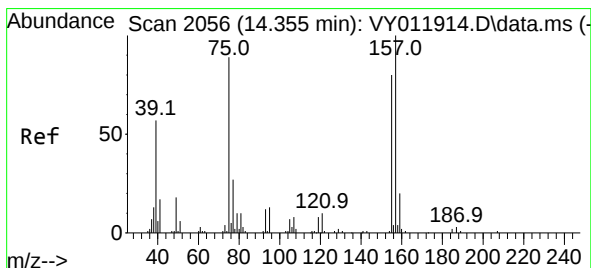
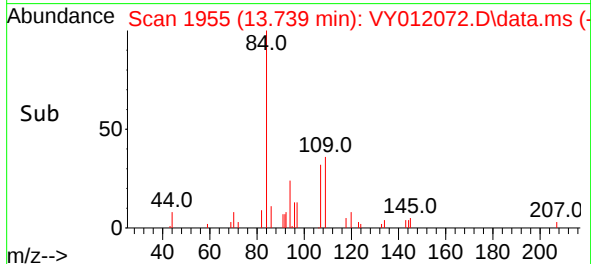
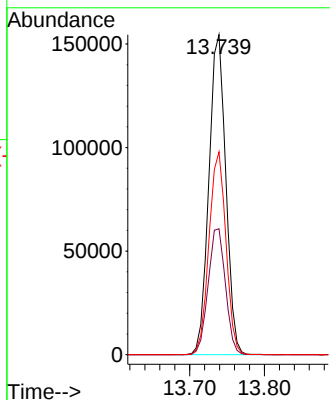
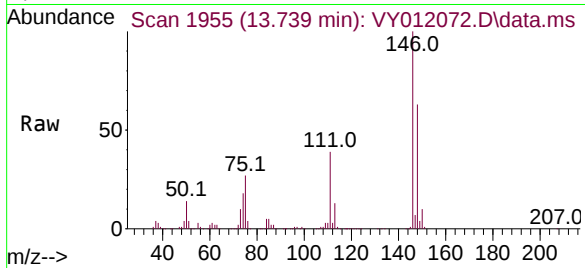




#91
1,2-Dichlorobenzene
Concen: 54.828 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

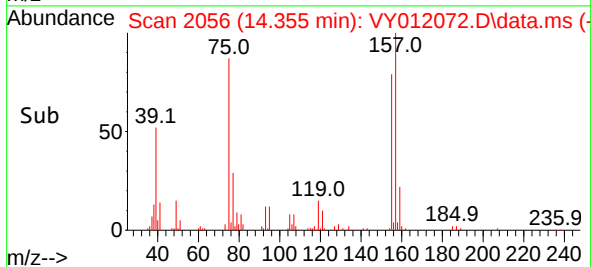
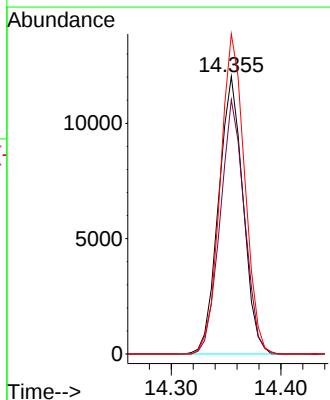
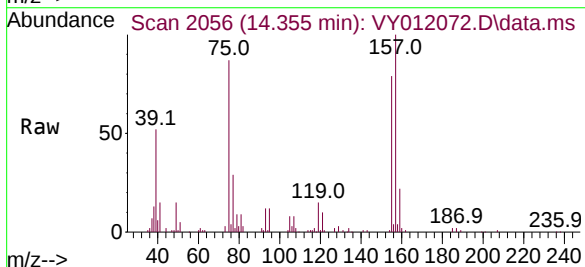
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

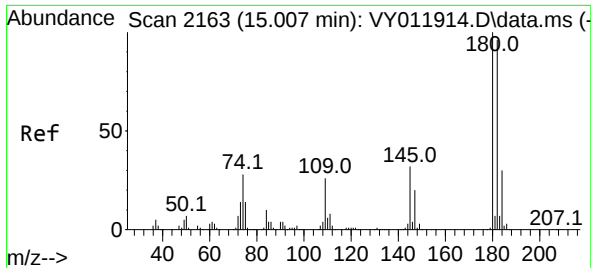
Tgt Ion:146 Resp: 242736
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.543 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion: 75 Resp: 18632
Ion Ratio Lower Upper
75 100
155 90.6 42.3 126.8
157 114.9 54.4 163.3

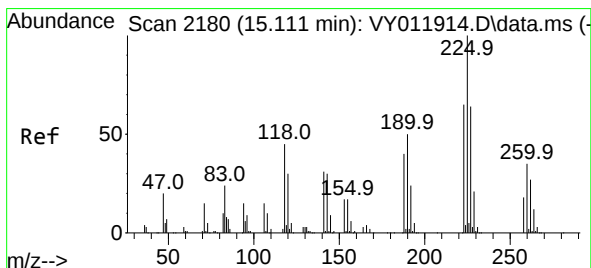
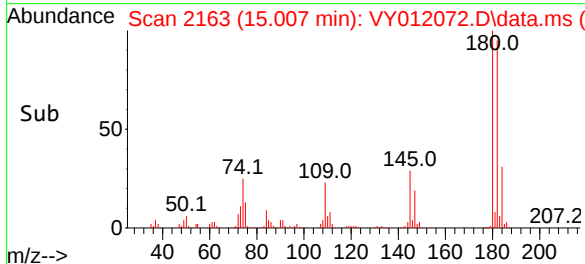
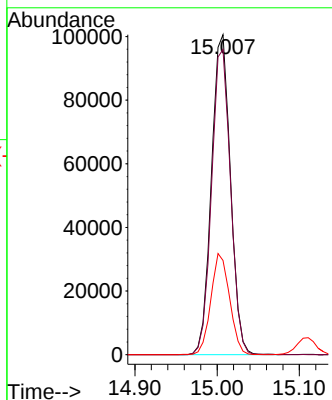
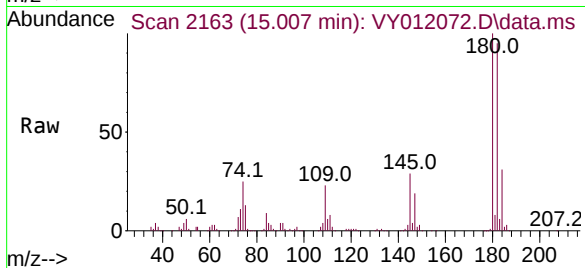




#93
1,2,4-Trichlorobenzene
Concen: 62.012 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

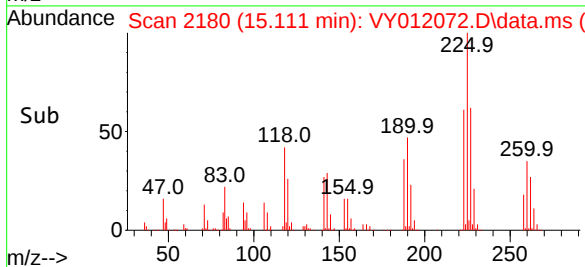
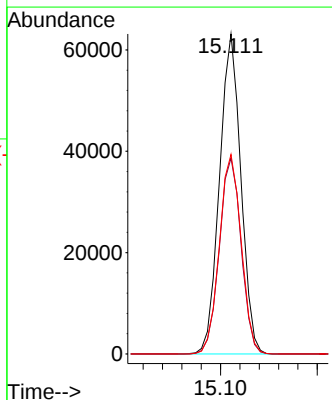
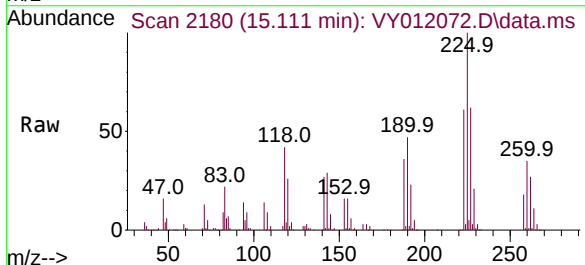
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

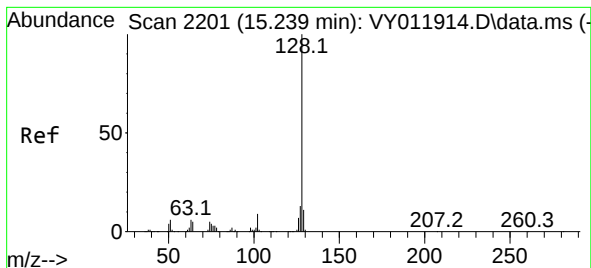
Tgt Ion:180 Resp: 161497
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 31.2 15.4 46.4



#94
Hexachlorobutadiene
Concen: 57.462 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012072.D
Acq: 04 Jan 2023 16:42

Tgt Ion:225 Resp: 96696
Ion Ratio Lower Upper
225 100
223 62.2 31.4 94.2
227 63.7 32.6 97.8





#95

Naphthalene

Concen: 58.538 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

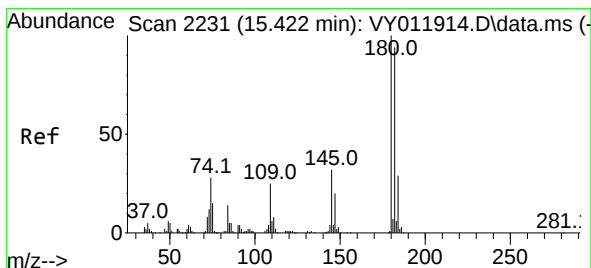
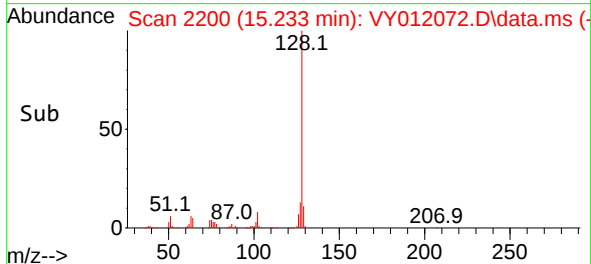
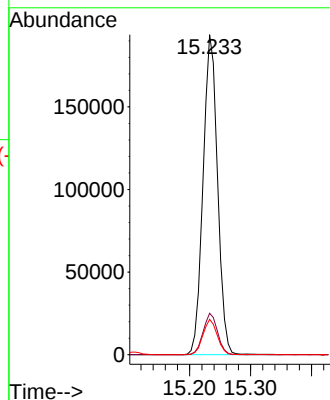
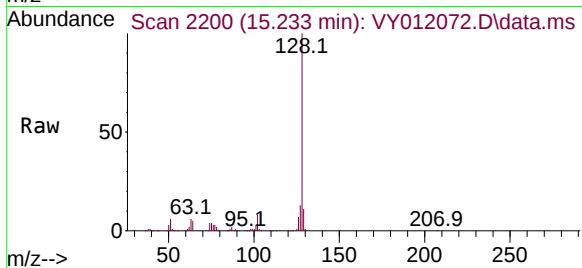
Tgt Ion:128 Resp: 319814

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 64.036 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012072.D

Acq: 04 Jan 2023 16:42

Tgt Ion:180 Resp: 140997

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.7 16.1 48.2

