

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY011000.D
 Acq On : 18 Oct 2022 17:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 18:07:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	259793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112534	47.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.040%
35) Dibromofluoromethane	7.710	113	115280	49.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.179	98	422433	48.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.477	95	149631	48.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80418	46.667	ug/l	98
3) Chloromethane	2.107	50	119107	48.177	ug/l	96
4) Vinyl Chloride	2.247	62	138281	49.348	ug/l	100
5) Bromomethane	2.644	94	91644	47.285	ug/l	99
6) Chloroethane	2.790	64	93496	49.930	ug/l	99
7) Trichlorofluoromethane	3.119	101	202482	49.369	ug/l	92
8) Diethyl Ether	3.521	74	74424	48.626	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	127526	49.570	ug/l	93
10) Methyl Iodide	4.088	142	157748	50.111	ug/l	90
11) Tert butyl alcohol	4.942	59	78558	295.558	ug/l	99
12) 1,1-Dichloroethene	3.869	96	121699	49.382	ug/l	83
13) Acrolein	3.723	56	90424	234.386	ug/l	98
14) Allyl chloride	4.473	41	195309	49.975	ug/l #	87
15) Acrylonitrile	5.155	53	198841	249.237	ug/l	98
16) Acetone	3.942	43	156588	225.325	ug/l #	86
17) Carbon Disulfide	4.186	76	336149	46.526	ug/l	99
18) Methyl Acetate	4.473	43	96523	49.336	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	345646	50.198	ug/l	97
20) Methylene Chloride	4.710	84	166347	55.640	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	138413	49.750	ug/l	88
22) Diisopropyl ether	6.112	45	432253	51.643	ug/l #	92
23) Vinyl Acetate	6.051	43	1331492	266.024	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	254933	50.446	ug/l	99
25) 2-Butanone	6.978	43	251946	239.062	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	224334	49.990	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	162308	50.619	ug/l	90
28) Bromochloromethane	7.326	49	98534	54.670	ug/l	89
29) Tetrahydrofuran	7.344	42	162803	251.082	ug/l #	86
30) Chloroform	7.502	83	260313	51.100	ug/l	98
31) Cyclohexane	7.783	56	213124	46.540	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	224433	50.121	ug/l	96
36) 1,1-Dichloropropene	7.911	75	192187	49.333	ug/l	97
37) Ethyl Acetate	7.070	43	109866	50.938	ug/l #	94
38) Carbon Tetrachloride	7.899	117	200261	49.799	ug/l	100
39) Methylcyclohexane	9.179	83	234257	50.205	ug/l	91
40) Benzene	8.155	78	569351	49.810	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	148312	126.892	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	158245	49.964	ug/l	91
43) Isopropyl Acetate	8.271	43	196519	50.996	ug/l #	90
44) Trichloroethene	8.935	130	152789	49.325	ug/l	95
45) 1,2-Dichloropropane	9.216	63	148039	51.045	ug/l	96
46) Dibromomethane	9.301	93	81346	50.289	ug/l	97
47) Bromodichloromethane	9.496	83	198143	50.831	ug/l	99
48) Methyl methacrylate	9.289	41	92304	53.521	ug/l #	82
49) 1,4-Dioxane	9.295	88	23786	1023.457	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	553570	257.580	ug/l	88
52) Toluene	10.240	92	361295	50.878	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	202619	50.035	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	233036	50.288	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	118083	50.602	ug/l	98
56) Ethyl methacrylate	10.508	69	162895	52.558	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	200808	50.050	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	395963	257.658	ug/l	97
59) 2-Hexanone	10.831	43	381062	258.127	ug/l	86
60) Dibromochloromethane	10.984	129	141366	50.946	ug/l	100
61) 1,2-Dibromoethane	11.087	107	111688	49.980	ug/l	100
64) Tetrachloroethene	10.715	164	146126	50.252	ug/l	97
65) Chlorobenzene	11.514	112	385778	50.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	144628	50.951	ug/l	97
67) Ethyl Benzene	11.593	91	697762	51.429	ug/l	98
68) m/p-Xylenes	11.703	106	534150	102.343	ug/l	95
69) o-Xylene	12.026	106	254329	51.318	ug/l	95
70) Styrene	12.044	104	434727	51.769	ug/l	96
71) Bromoform	12.209	173	89843	51.284	ug/l #	98
73) Isopropylbenzene	12.331	105	688170	51.495	ug/l	99
74) N-amyl acetate	12.142	43	174573	51.486	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	138616	49.424	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	183733	87.980	ug/l #	100
77) Bromobenzene	12.605	156	155665	49.832	ug/l	99
78) n-propylbenzene	12.672	91	835000	51.355	ug/l	100
79) 2-Chlorotoluene	12.758	91	465739	50.862	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	565564	50.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	48150	49.588	ug/l	86
82) 4-Chlorotoluene	12.855	91	475227	49.845	ug/l	99
83) tert-Butylbenzene	13.075	119	499585	51.813	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	563635	51.262	ug/l	99
85) sec-Butylbenzene	13.251	105	745318	51.441	ug/l	100
86) p-Isopropyltoluene	13.367	119	617565	51.379	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	309958	49.718	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	305040	49.210	ug/l	98
89) n-Butylbenzene	13.696	91	583977	51.992	ug/l	99
90) Hexachloroethane	13.959	117	118626	50.008	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	276364	49.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22356	48.210	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	167749	50.321	ug/l	99
94) Hexachlorobutadiene	15.111	225	99607	50.762	ug/l	98
95) Naphthalene	15.233	128	355850	52.416	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	147601	50.753	ug/l	99

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QLast Update : Tue Oct 18 01:42:42 2022
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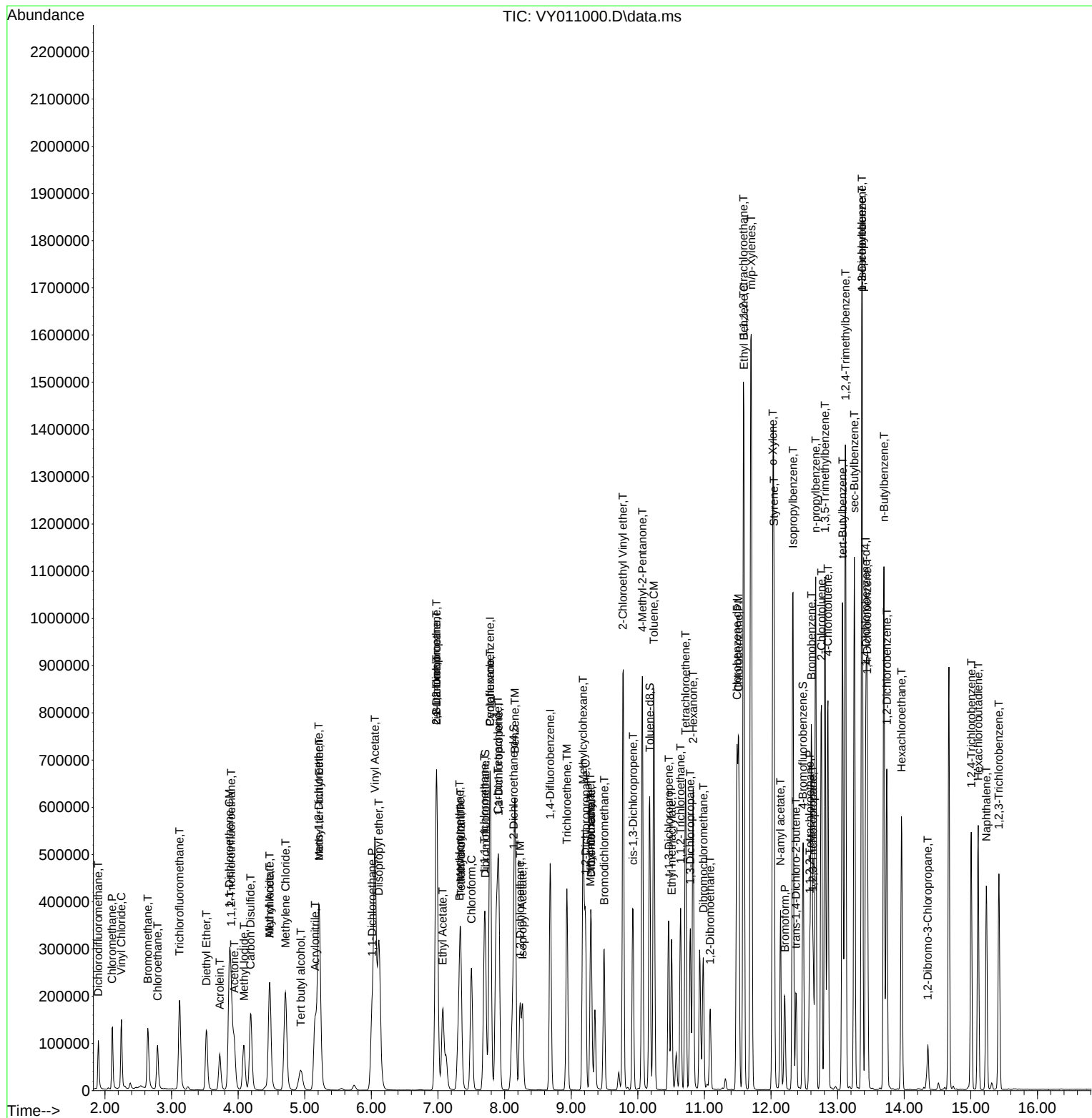
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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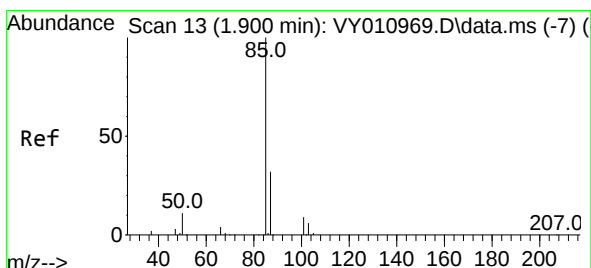
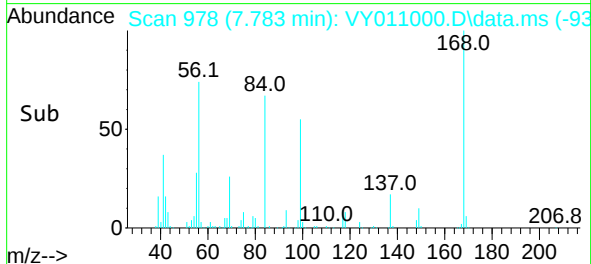
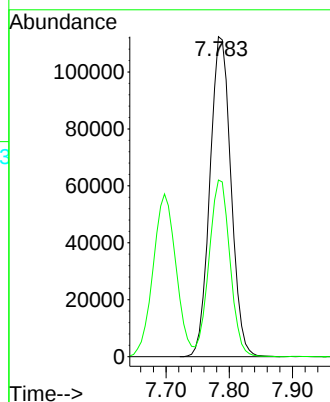
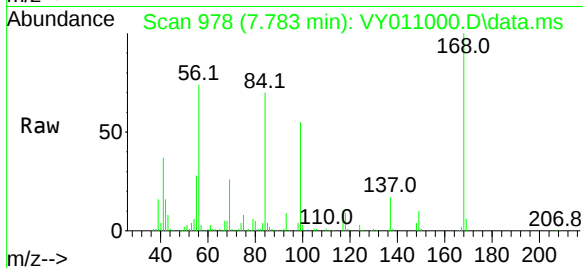




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011000.D
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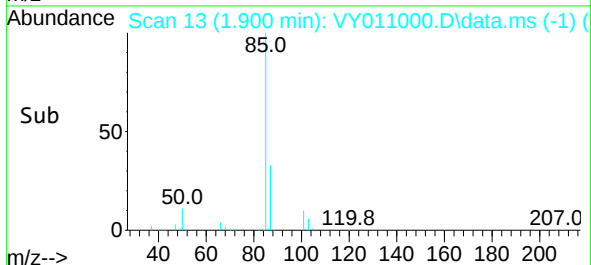
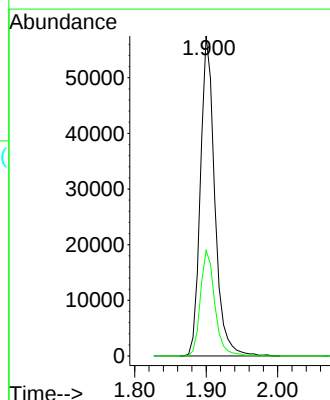
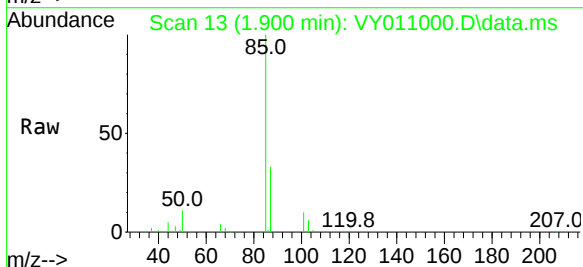
Instrument :
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ClientSampleId :
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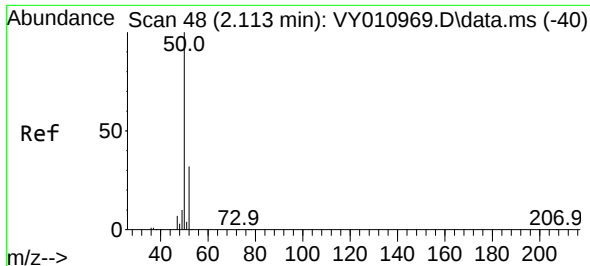
Tgt Ion:168 Resp: 259793
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 46.667 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 85 Resp: 80418
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

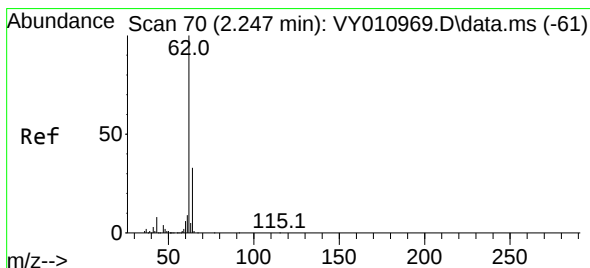
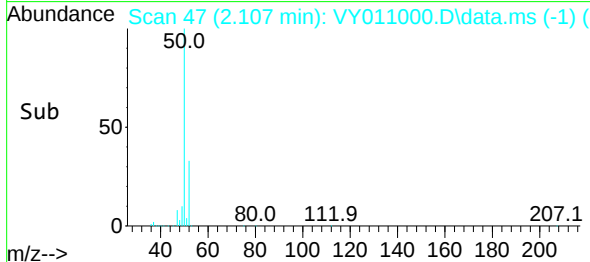
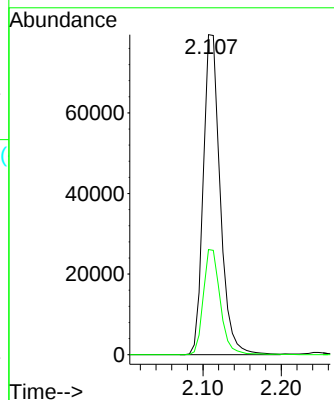
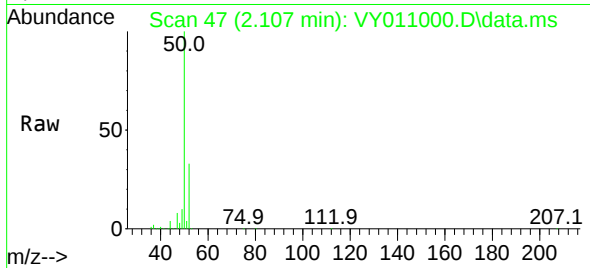




#3
Chloromethane
Concen: 48.177 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

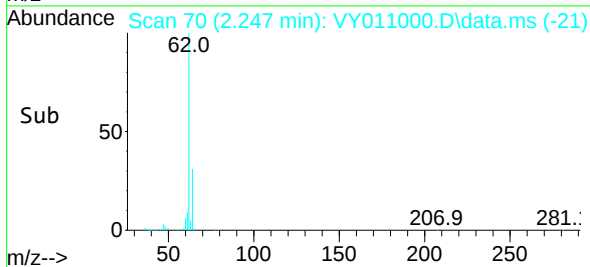
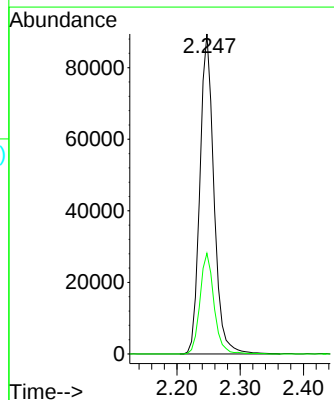
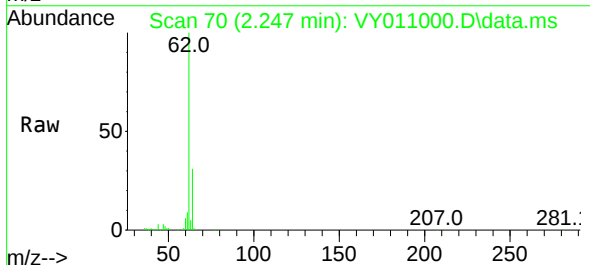
Instrument :
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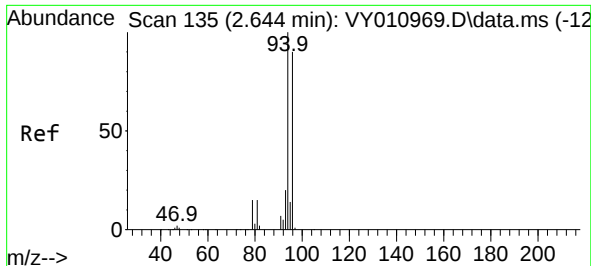
Tgt Ion: 50 Resp: 119107
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 49.348 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 62 Resp: 138281
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6

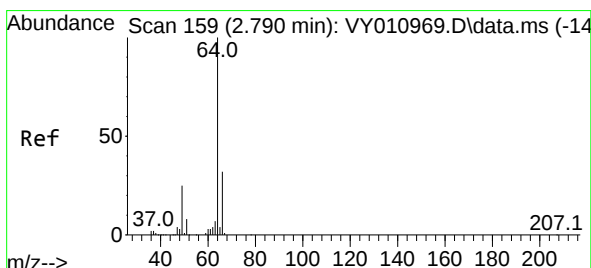
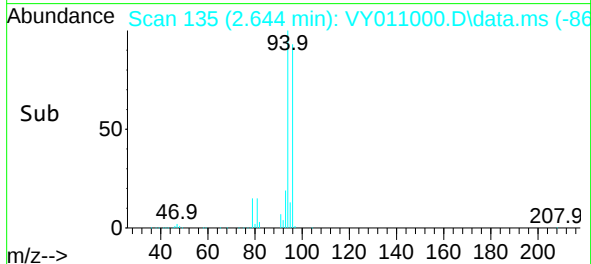
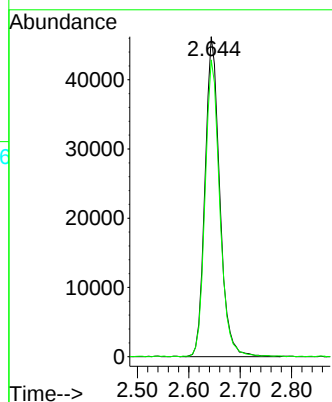
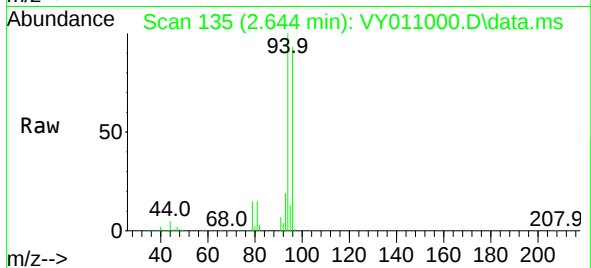




#5
Bromomethane
Concen: 47.285 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011000.D
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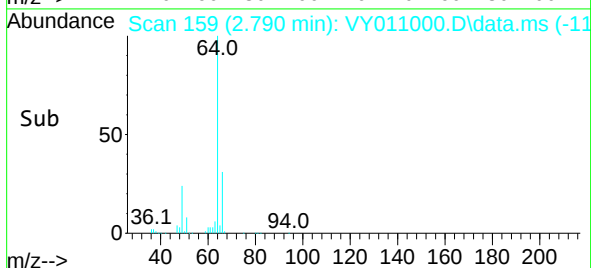
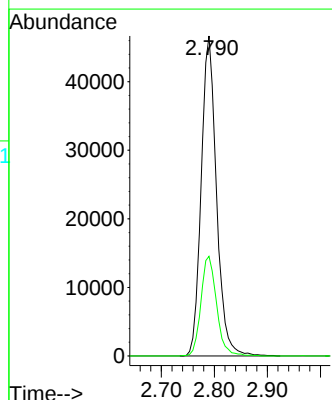
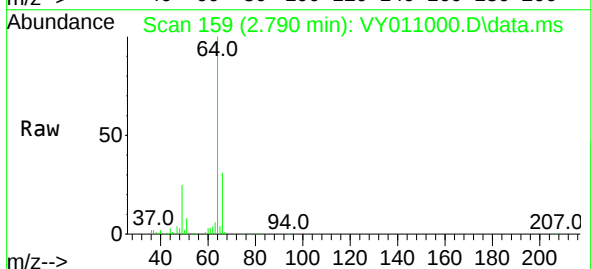
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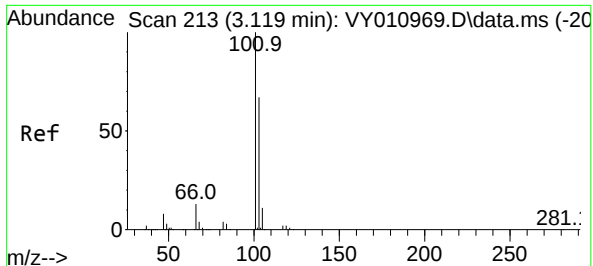
Tgt Ion: 94 Resp: 91644
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 49.930 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 64 Resp: 93496
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

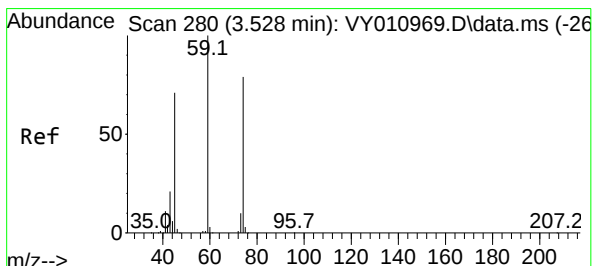
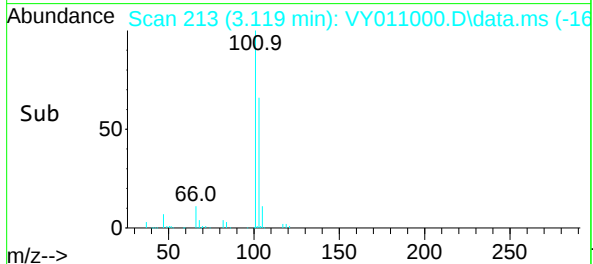
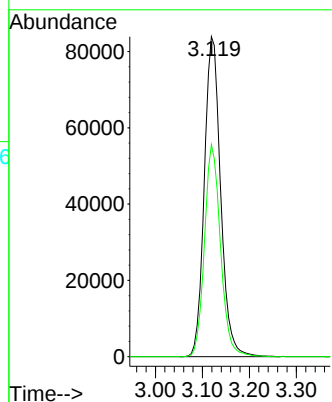
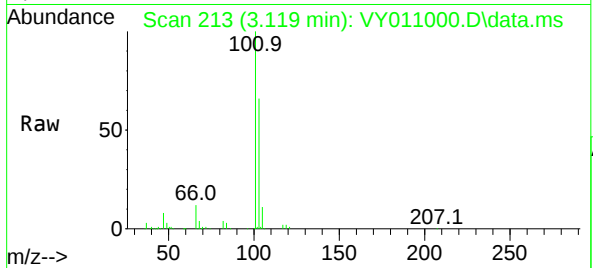




#7
 Trichlorofluoromethane
 Concen: 49.369 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

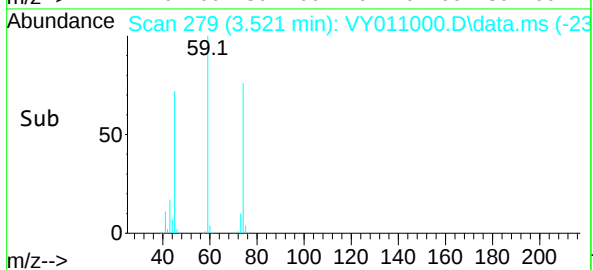
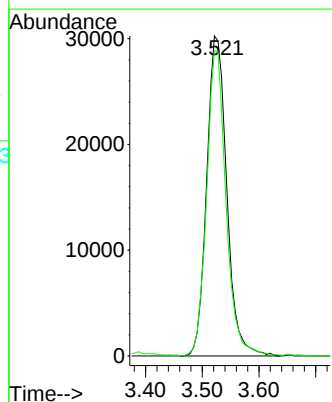
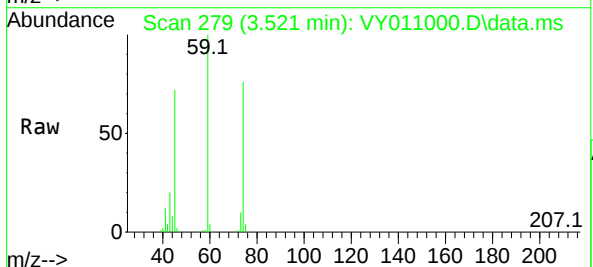
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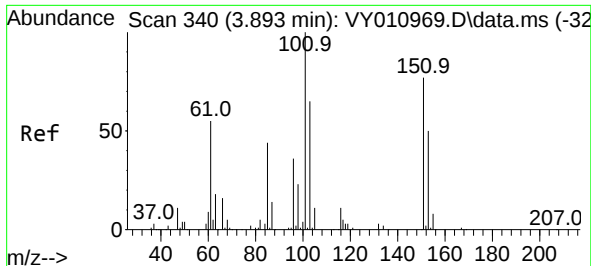
Tgt Ion:101 Resp: 202482
 Ion Ratio Lower Upper
 101 100
 103 66.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.626 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
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Tgt Ion: 74 Resp: 74424
 Ion Ratio Lower Upper
 74 100
 45 92.4 55.1 165.5

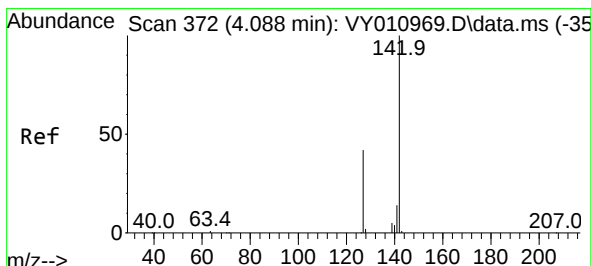
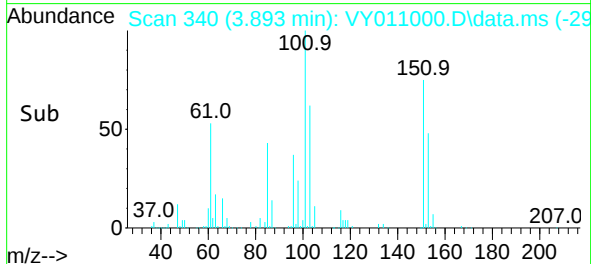
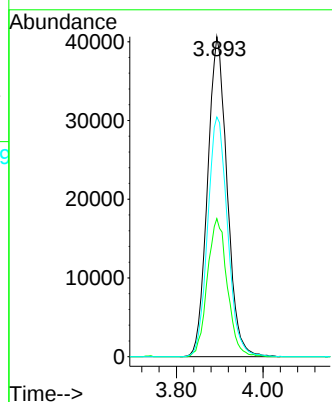
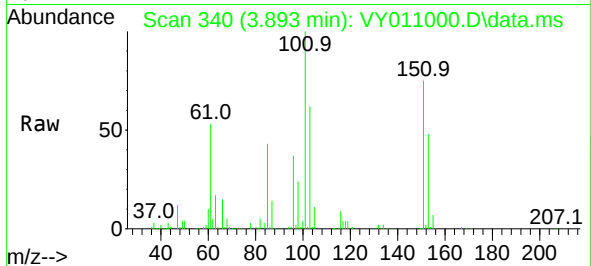




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.570 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

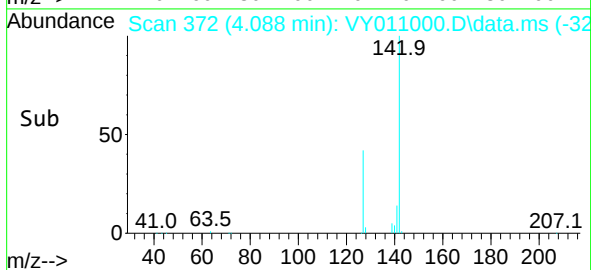
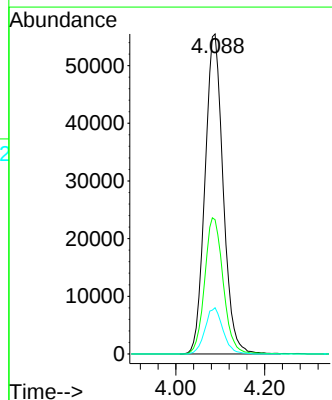
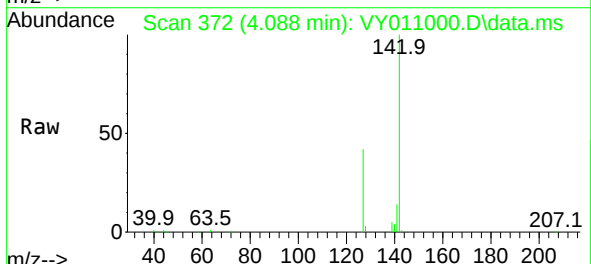
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

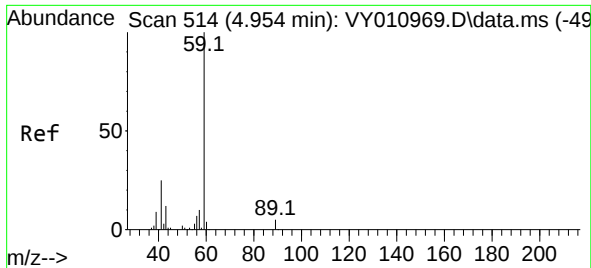
Tgt Ion:101 Resp: 127526
Ion Ratio Lower Upper
101 100
85 43.8 40.6 60.8
151 76.4 64.9 97.3



#10
Methyl Iodide
Concen: 50.111 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion:142 Resp: 157748
Ion Ratio Lower Upper
142 100
127 43.4 41.5 62.3
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 295.558 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

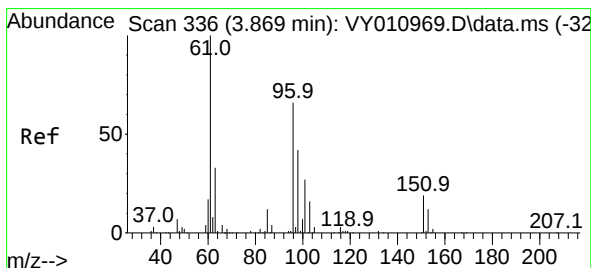
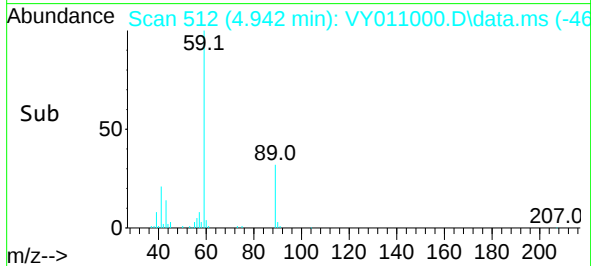
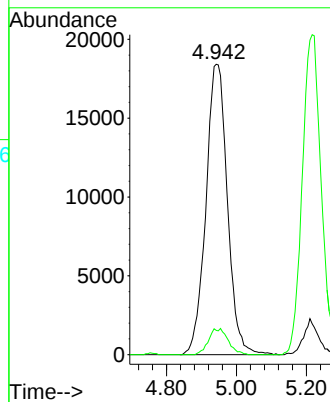
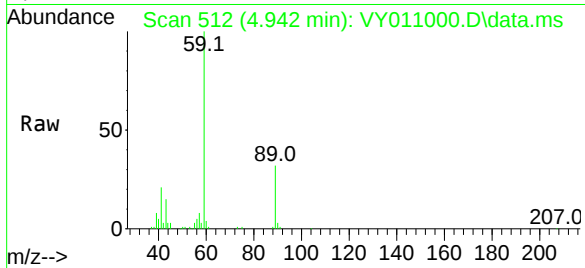
VSTDCCC050EC

Tgt Ion: 59 Resp: 78558

Ion Ratio Lower Upper

59 100

57 8.2 6.4 9.6



#12

1,1-Dichloroethene

Concen: 49.382 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

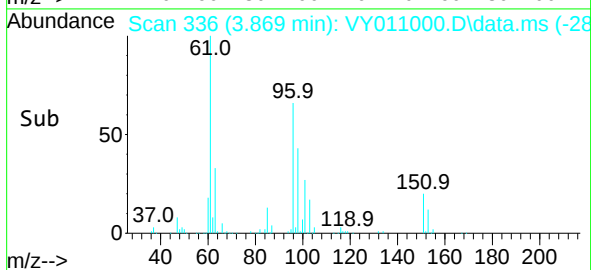
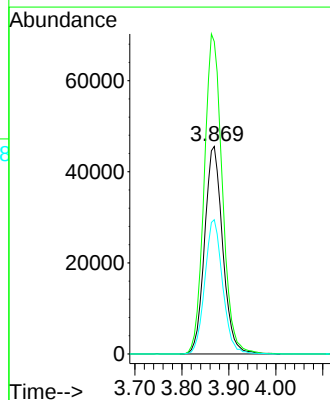
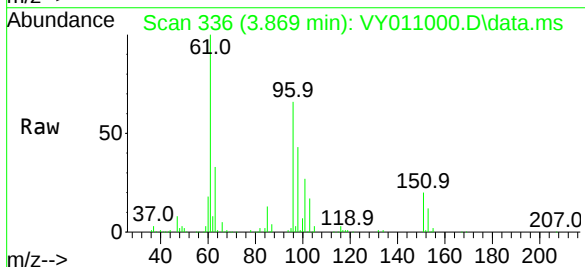
Tgt Ion: 96 Resp: 121699

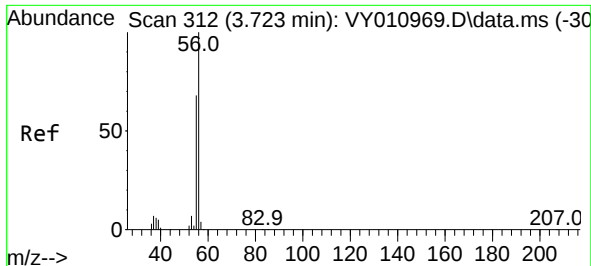
Ion Ratio Lower Upper

96 100

61 150.4 145.8 218.6

98 64.7 52.5 78.7





#13

Acrolein

Concen: 234.386 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

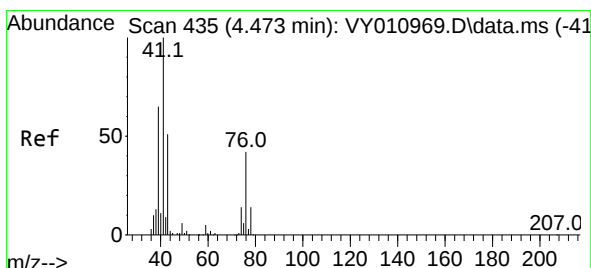
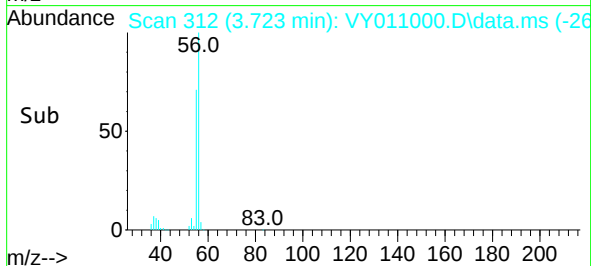
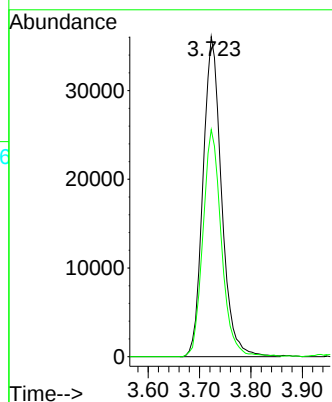
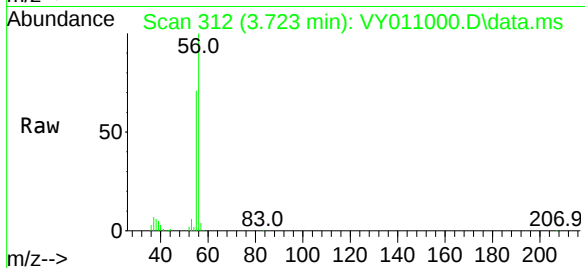
VSTDCCC050EC

Tgt Ion: 56 Resp: 90424

Ion Ratio Lower Upper

56 100

55 70.7 57.6 86.4



#14

Allyl chloride

Concen: 49.975 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

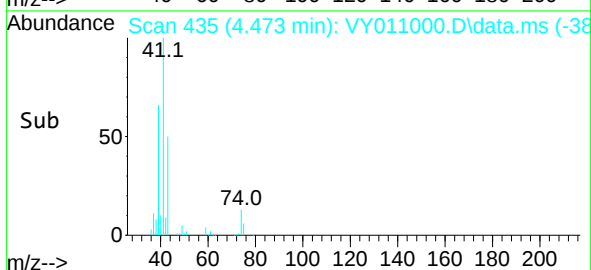
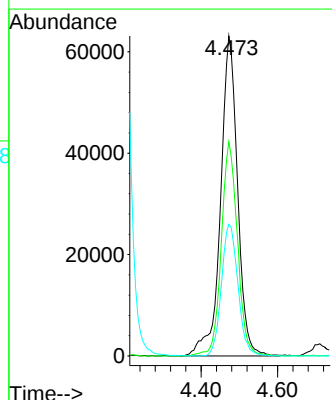
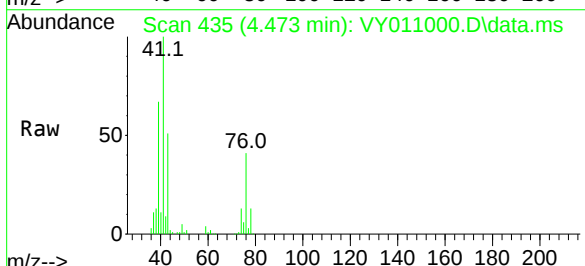
Tgt Ion: 41 Resp: 195309

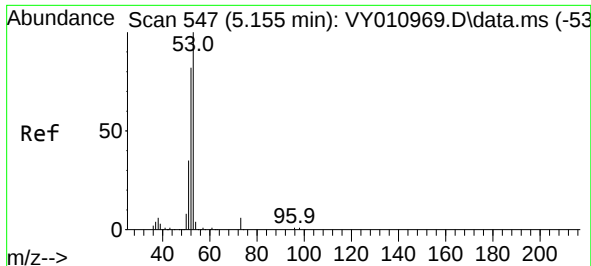
Ion Ratio Lower Upper

41 100

39 63.7 58.8 88.2

76 39.8 25.1 37.7#

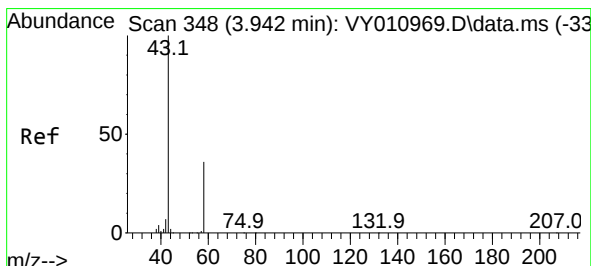
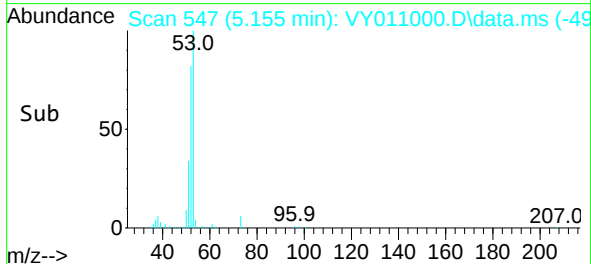
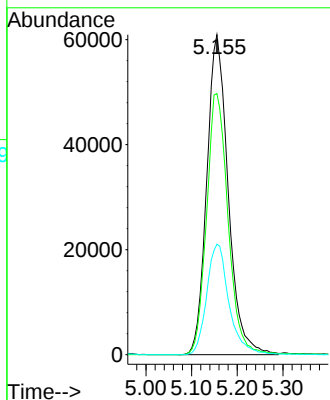
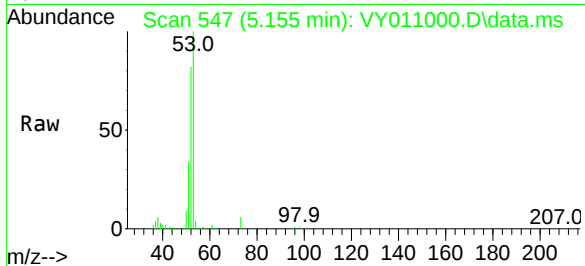




#15
Acrylonitrile
Concen: 249.237 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

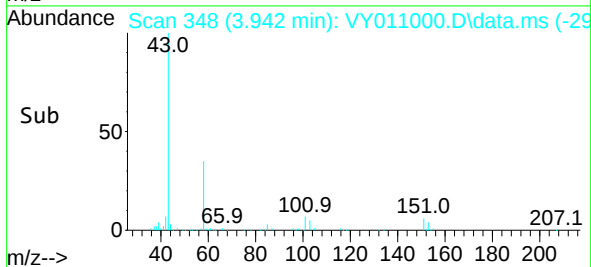
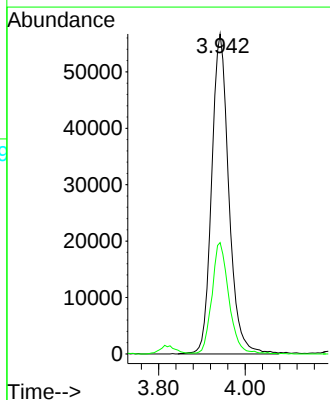
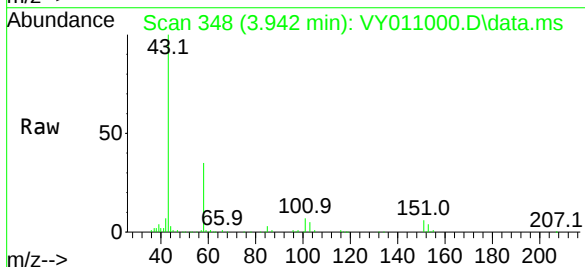
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

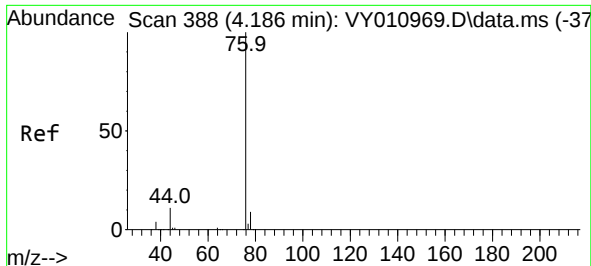
Tgt Ion: 53 Resp: 198841
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 225.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 43 Resp: 156588
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

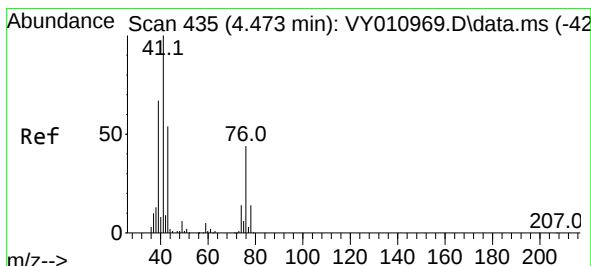
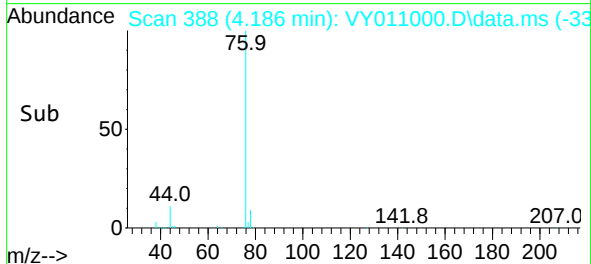
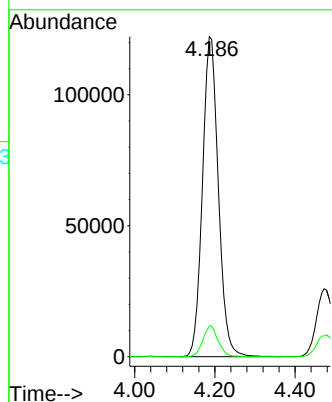
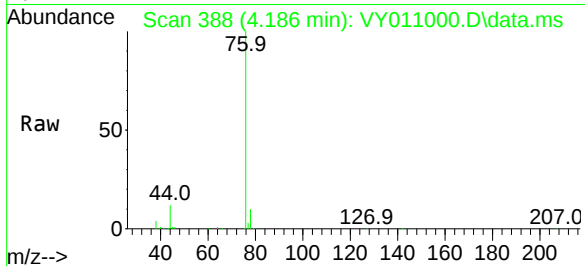




#17
Carbon Disulfide
Concen: 46.526 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

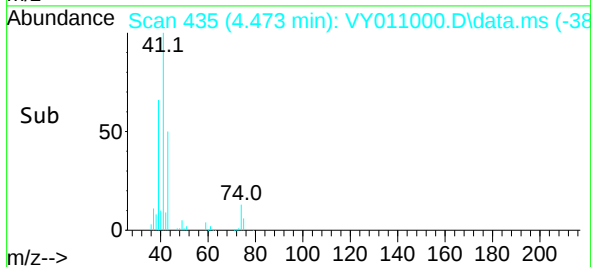
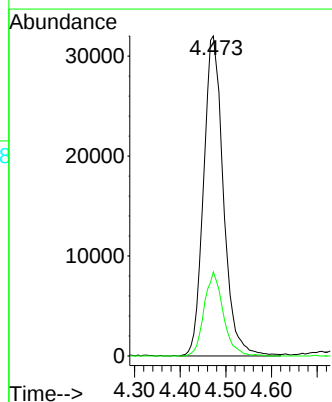
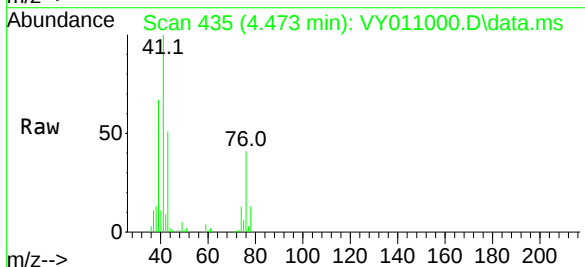
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

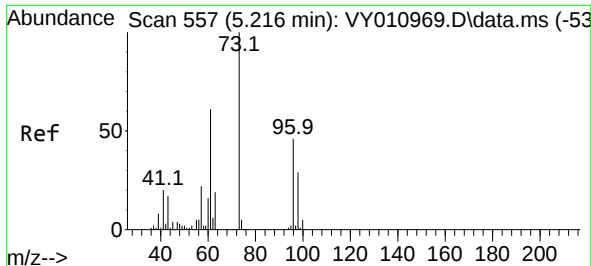
Tgt Ion: 76 Resp: 336149
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 49.336 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 43 Resp: 96523
Ion Ratio Lower Upper
43 100
74 25.2 16.6 24.8#

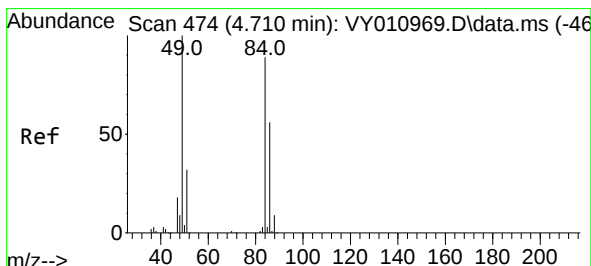
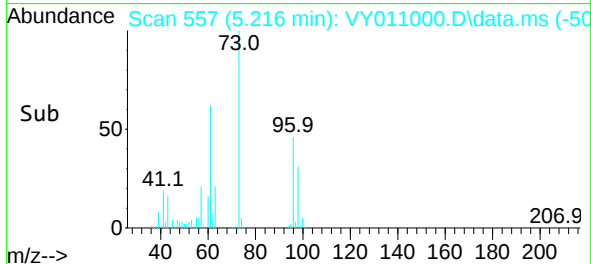
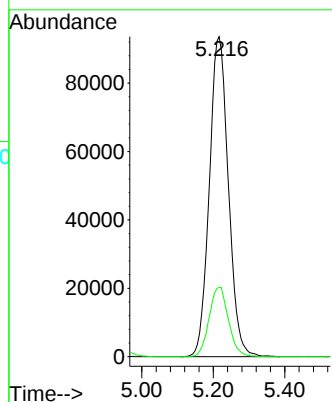
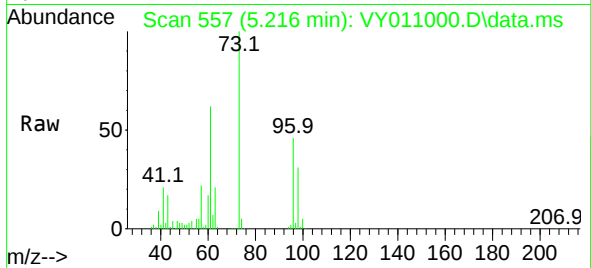




#19
Methyl tert-butyl Ether
Concen: 50.198 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

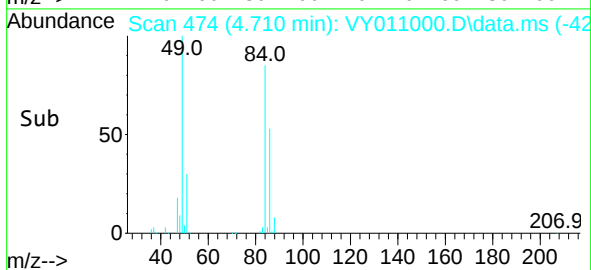
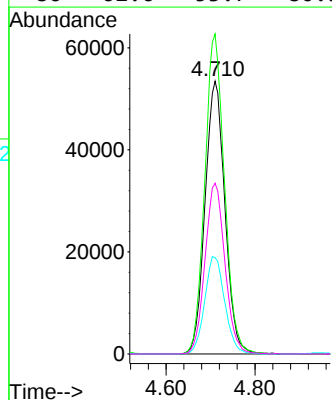
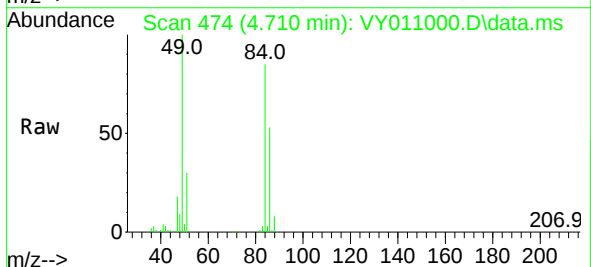
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

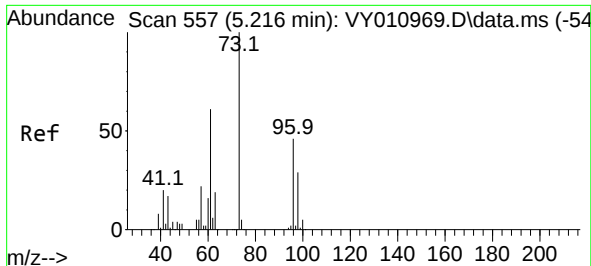
Tgt Ion: 73 Resp: 345646
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 55.640 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 84 Resp: 166347
Ion Ratio Lower Upper
84 100
49 117.3 114.4 171.6
51 35.3 35.3 52.9
86 62.6 53.7 80.5

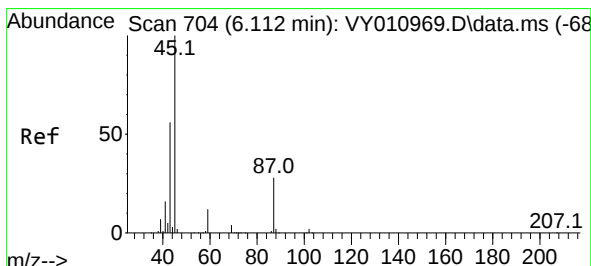
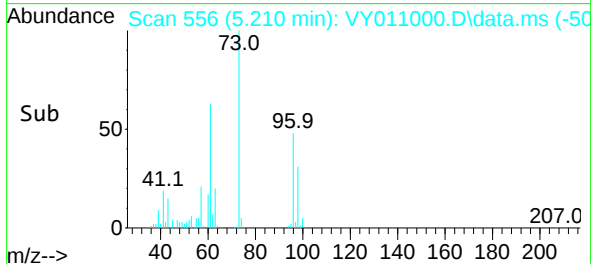
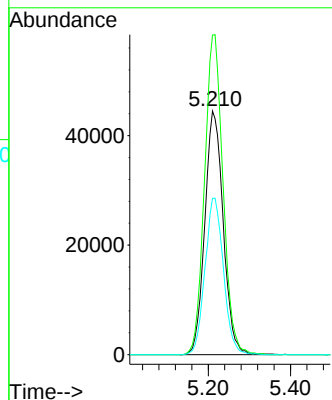
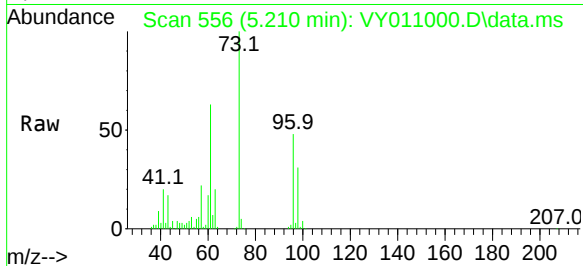




#21
trans-1,2-Dichloroethene
Concen: 49.750 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

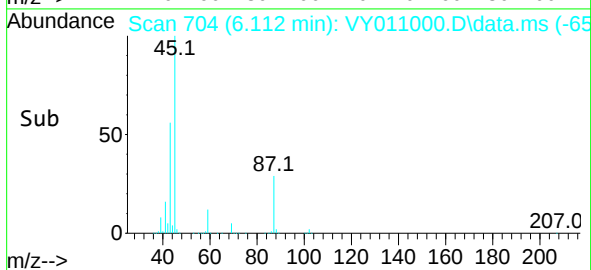
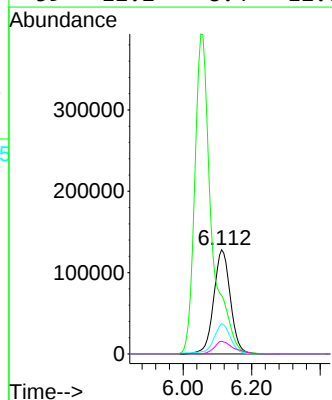
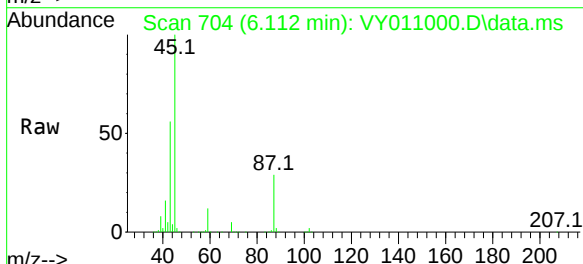
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

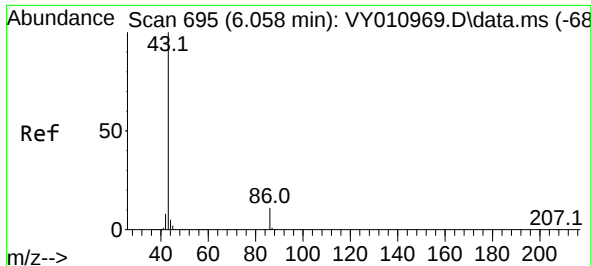
Tgt Ion: 96 Resp: 138413
Ion Ratio Lower Upper
96 100
61 131.1 120.5 180.7
98 64.1 49.8 74.8



#22
Diisopropyl ether
Concen: 51.643 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 45 Resp: 432253
Ion Ratio Lower Upper
45 100
43 56.0 49.3 73.9
87 29.1 19.2 28.8#
59 12.2 8.4 12.6

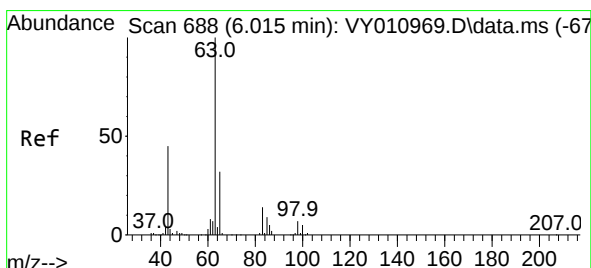
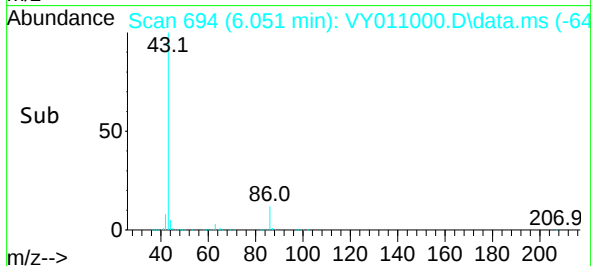
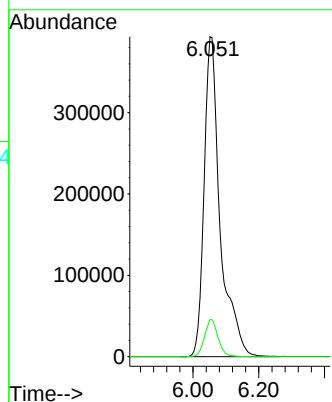
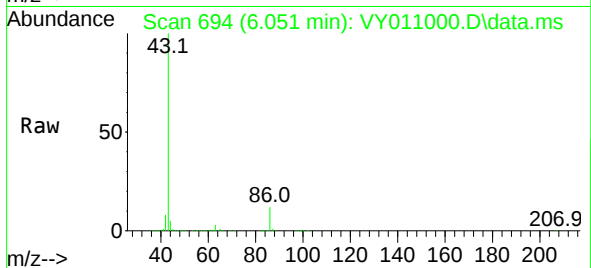




#23
 Vinyl Acetate
 Concen: 266.024 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

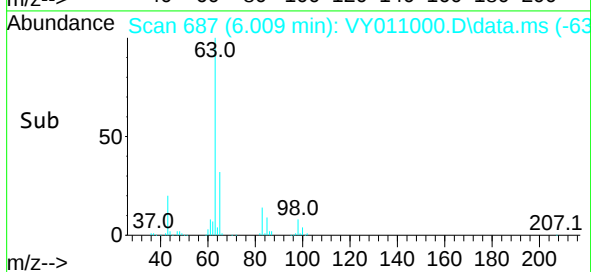
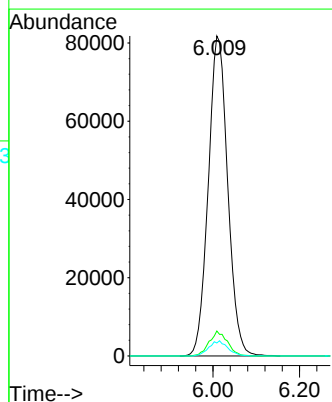
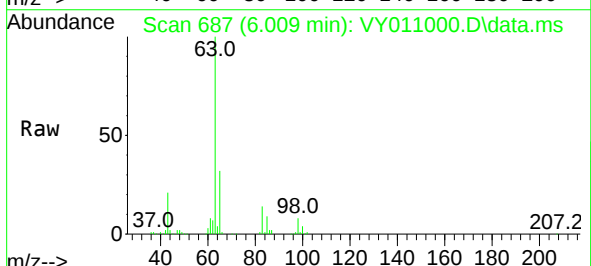
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1331492
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.446 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

Tgt Ion: 63 Resp: 254933
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.0 2.0 5.8

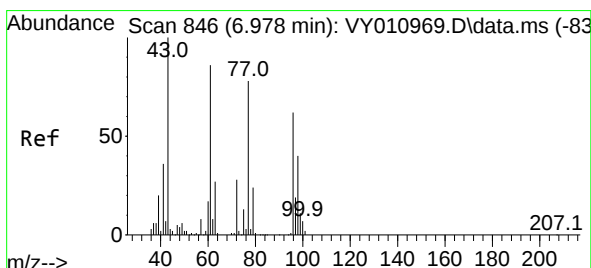
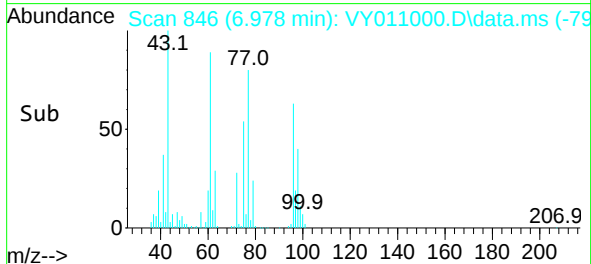
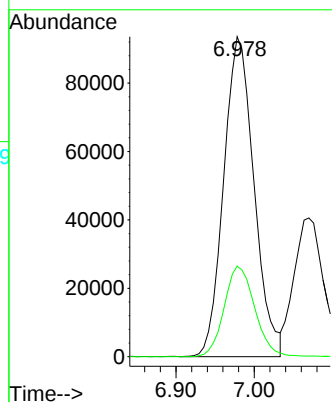
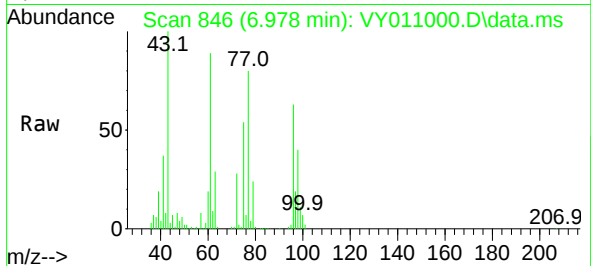




#25
2-Butanone
Concen: 239.062 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

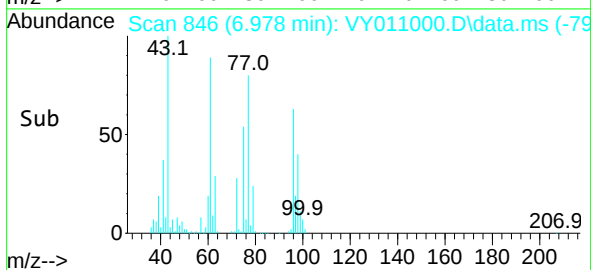
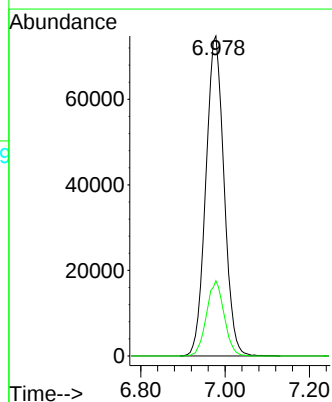
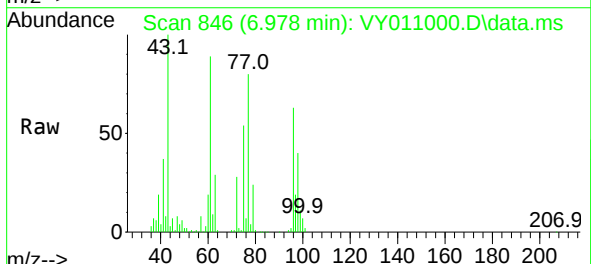
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 251946
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 49.990 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 77 Resp: 224334
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4



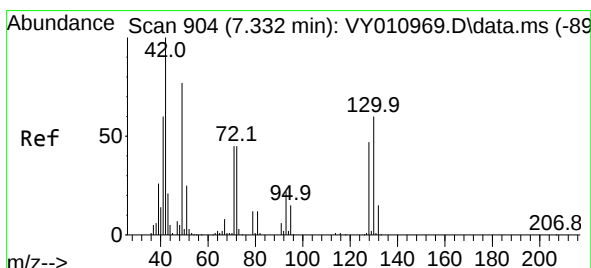
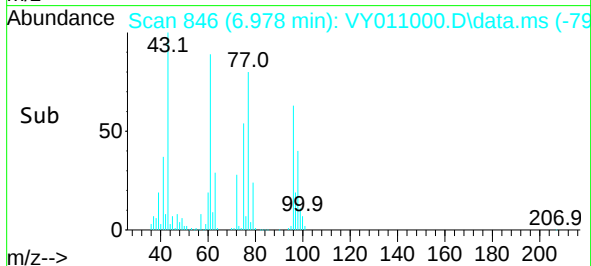
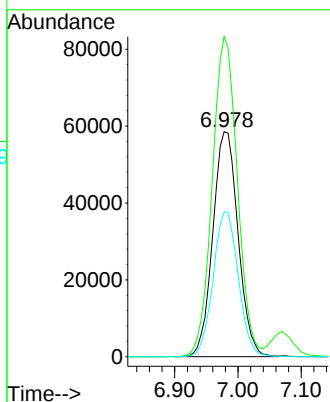
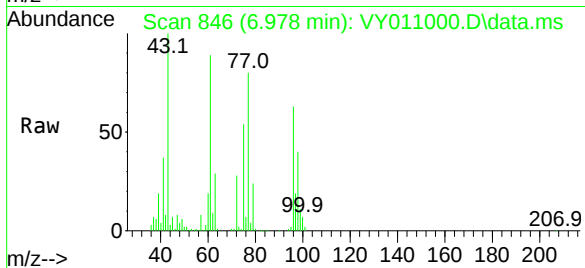


#27
 cis-1,2-Dichloroethene
 Concen: 50.619 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 162308

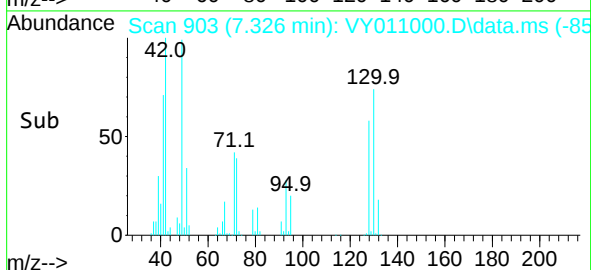
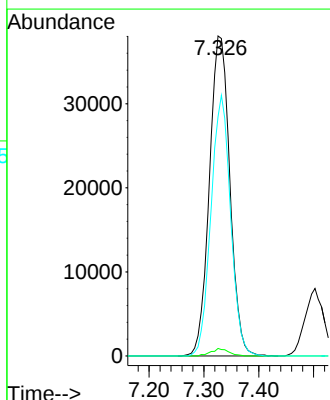
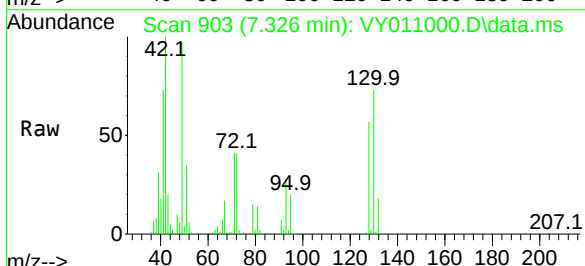
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	319.8
98	64.1	0.0	127.0

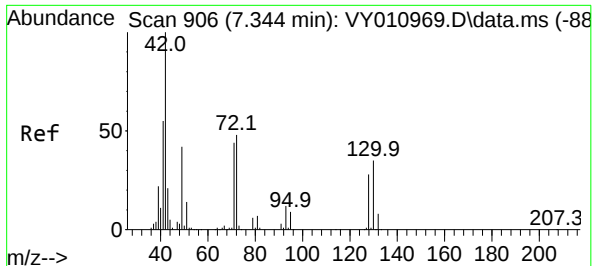


#28
 Bromochloromethane
 Concen: 54.670 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

Tgt Ion: 49 Resp: 98534

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	78.1	55.4	83.0





#29

Tetrahydrofuran

Concen: 251.082 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

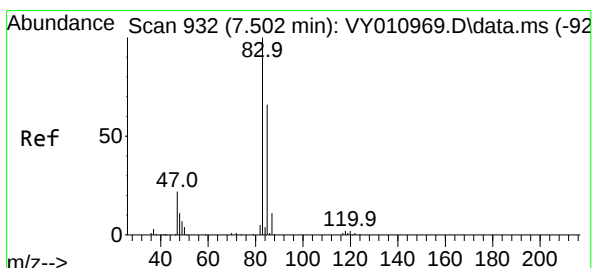
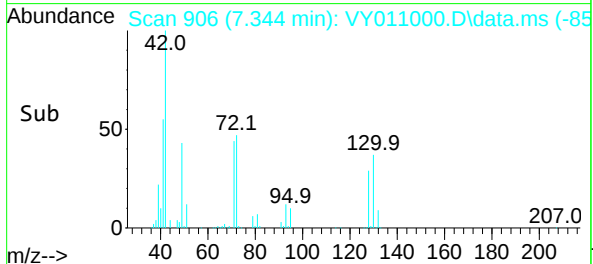
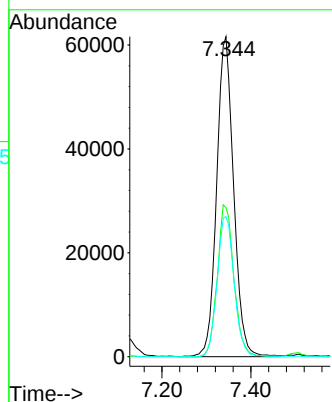
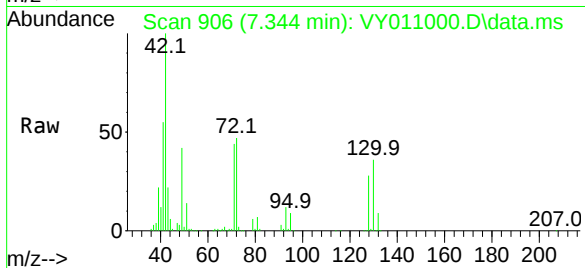
Tgt Ion: 42 Resp: 162803

Ion Ratio Lower Upper

42 100

72 46.4 30.3 45.5#

71 44.0 29.0 43.4#



#30

Chloroform

Concen: 51.100 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011000.D

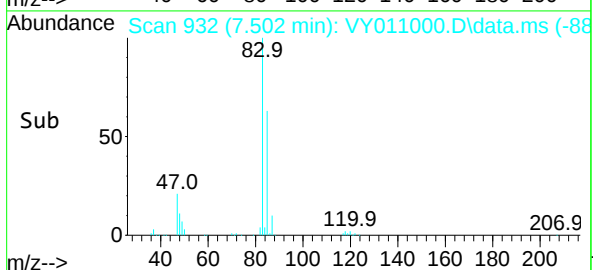
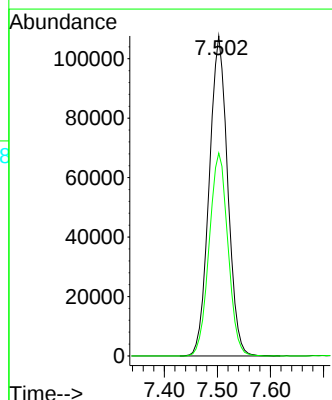
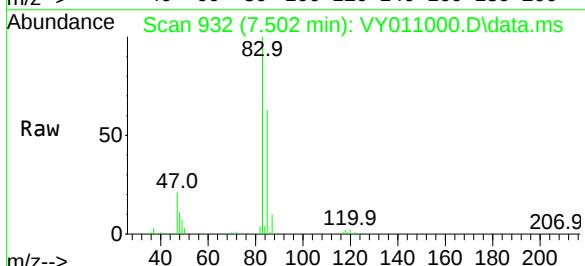
Acq: 18 Oct 2022 17:30

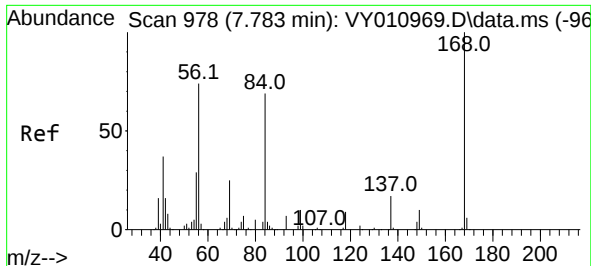
Tgt Ion: 83 Resp: 260313

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

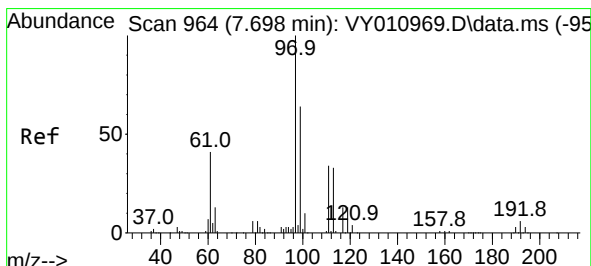
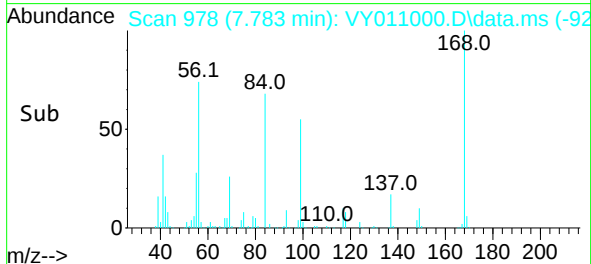
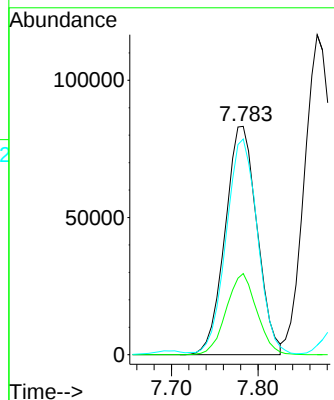
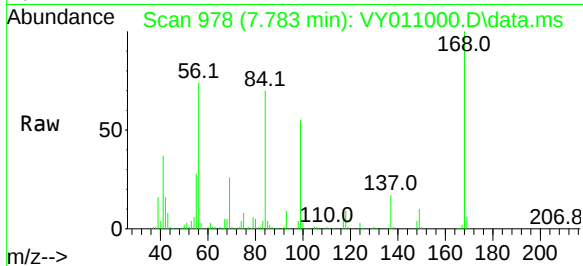




#31
Cyclohexane
Concen: 46.540 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

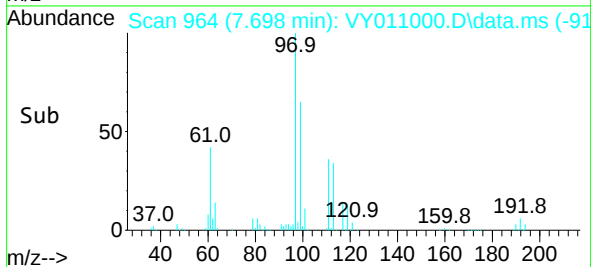
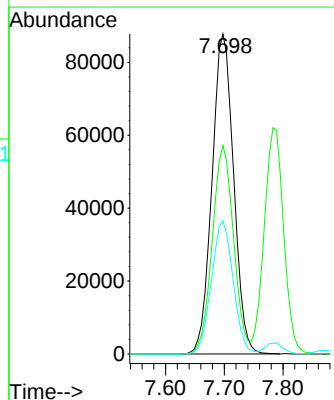
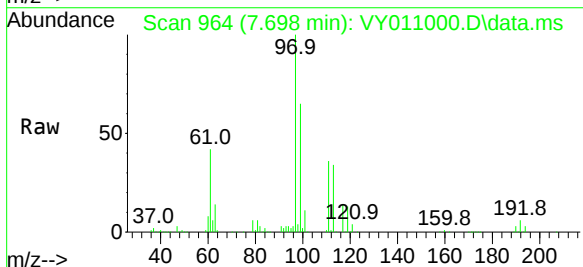
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

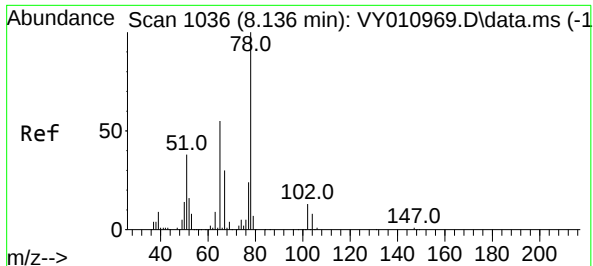
Tgt Ion: 56 Resp: 213124
Ion Ratio Lower Upper
56 100
69 35.5 26.7 40.1
84 93.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.121 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 97 Resp: 224433
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.025 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

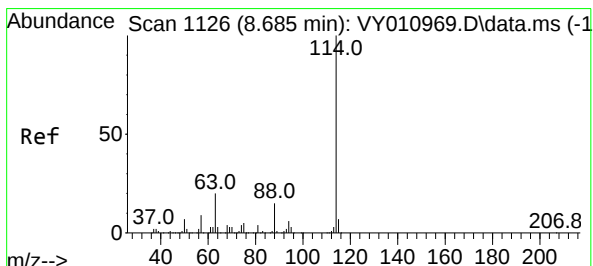
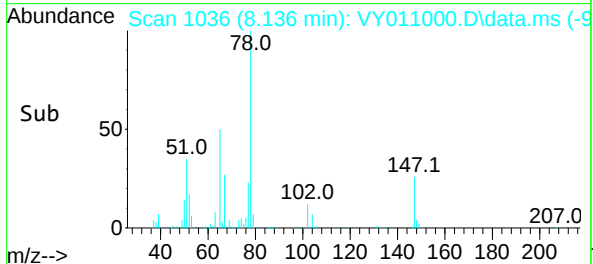
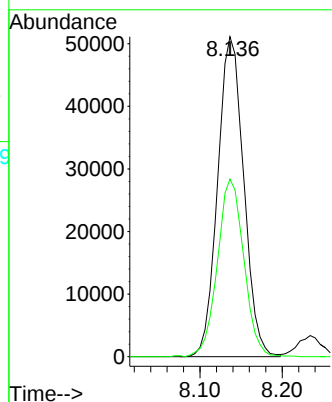
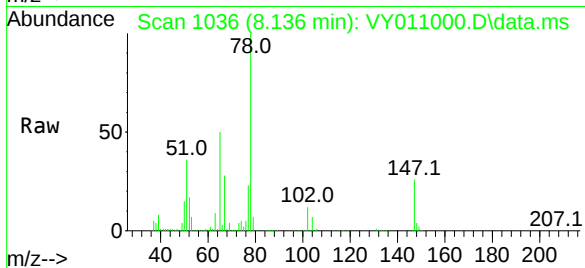
VSTDCCC050EC

Tgt Ion: 65 Resp: 112534

Ion Ratio Lower Upper

65 100

67 56.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

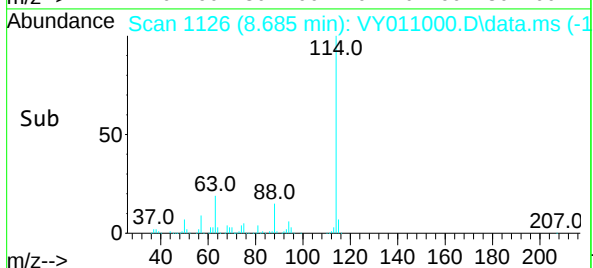
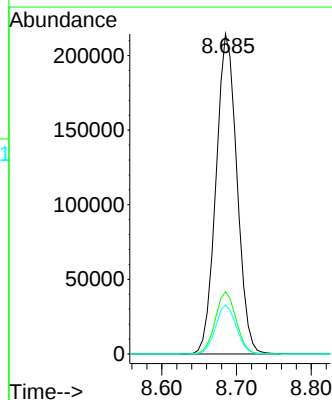
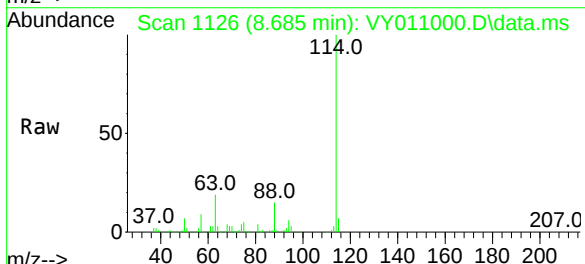
Tgt Ion: 114 Resp: 418484

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.4 0.0 31.8

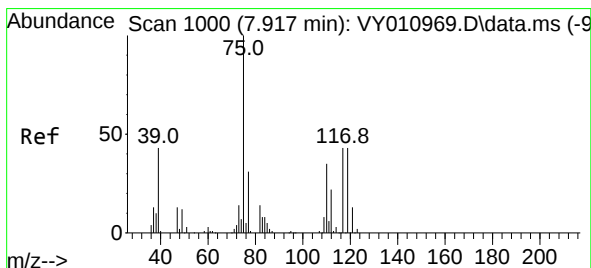
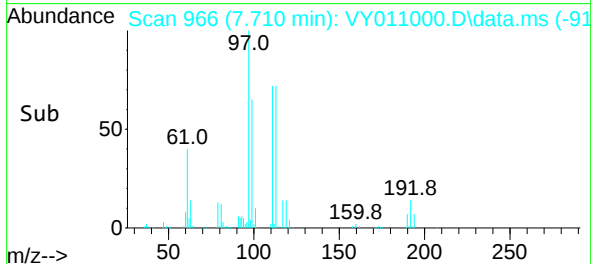
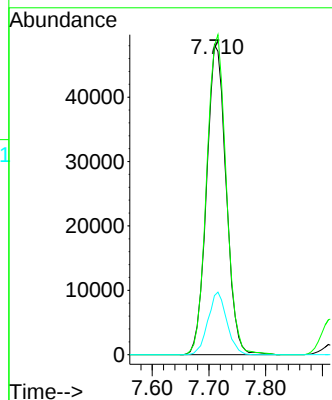
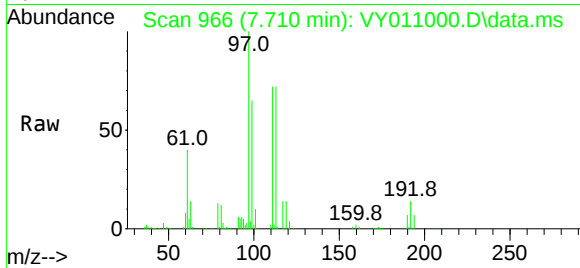




#35
Dibromofluoromethane
Concen: 49.392 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

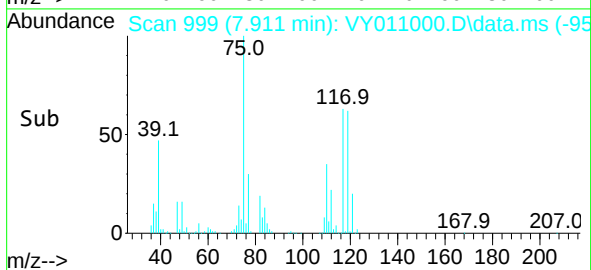
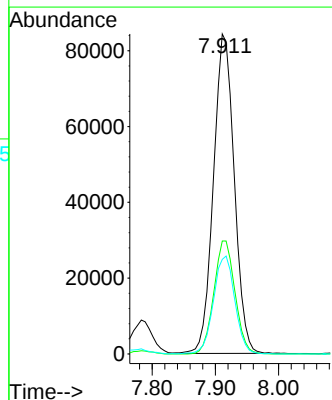
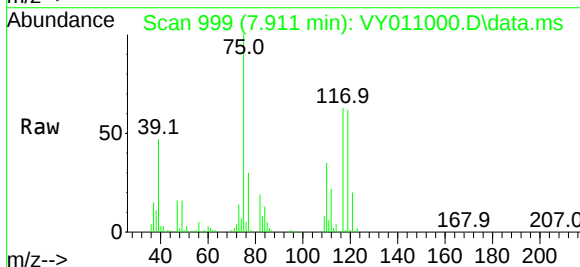
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 115280
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.333 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 75 Resp: 192187
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 31.6 24.4 36.6

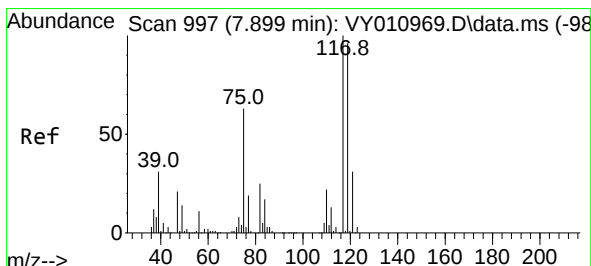
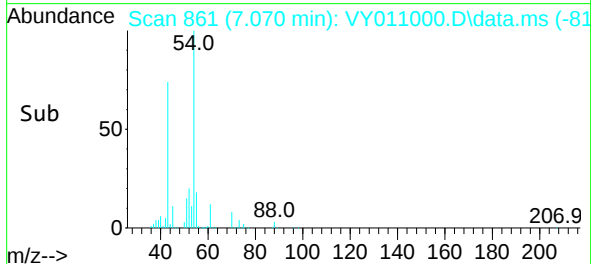
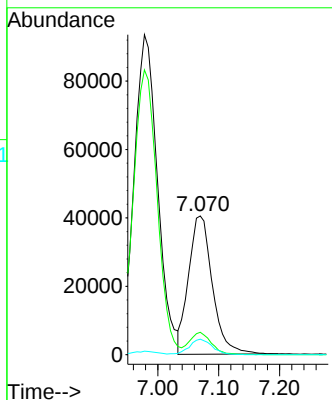
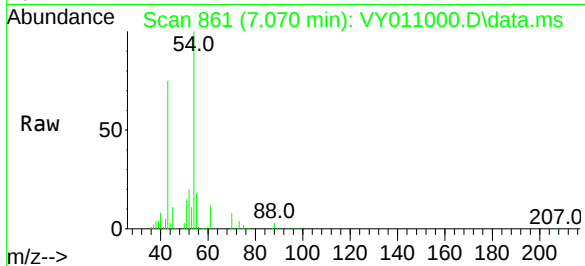




#37
Ethyl Acetate
Concen: 50.938 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

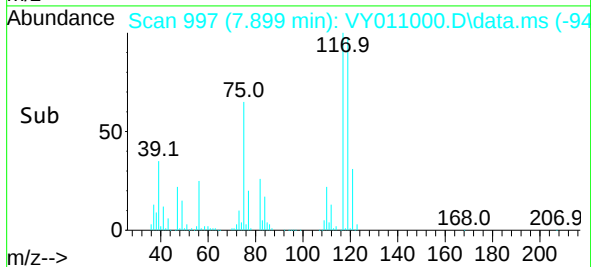
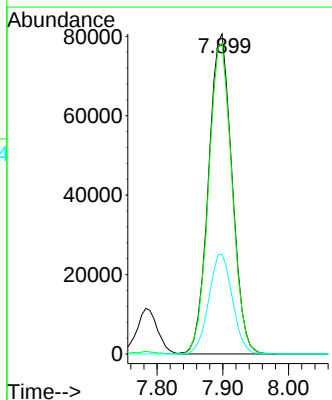
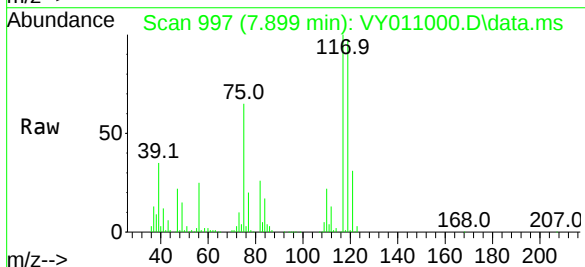
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

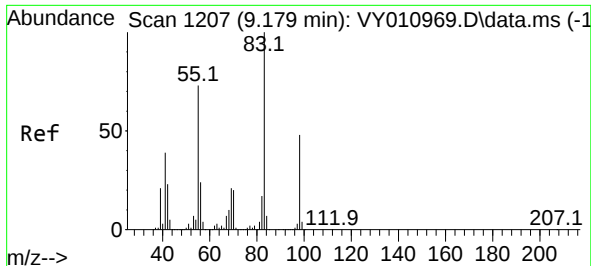
Tgt Ion: 43 Resp: 109866
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5#
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.799 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 117 Resp: 200261
Ion Ratio Lower Upper
117 100
119 97.1 77.9 116.9
121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 50.205 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

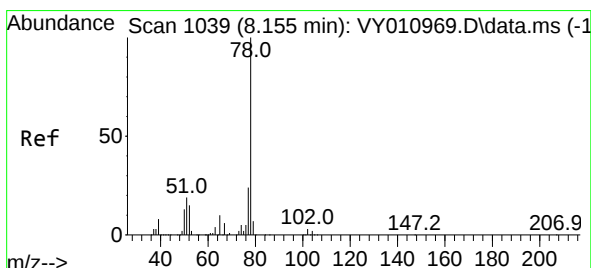
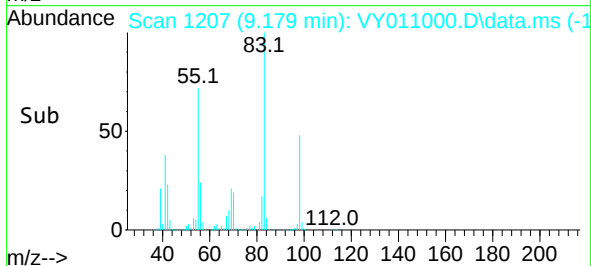
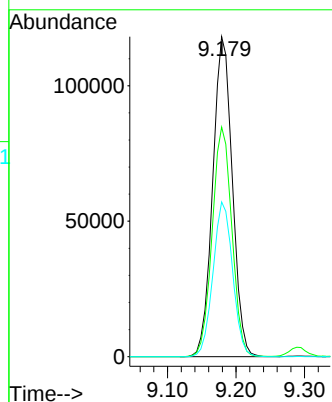
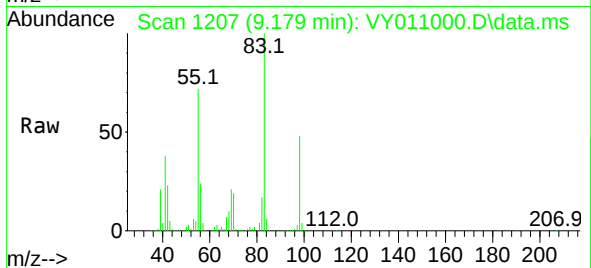
Tgt Ion: 83 Resp: 234257

Ion Ratio Lower Upper

83 100

55 71.7 66.5 99.7

98 48.3 37.9 56.9



#40

Benzene

Concen: 49.810 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011000.D

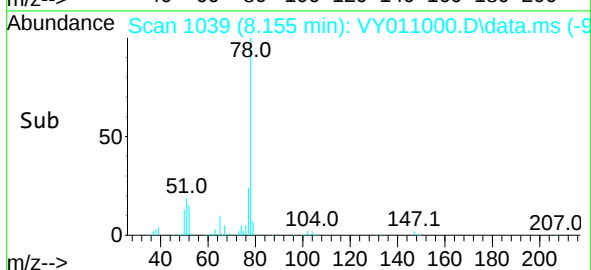
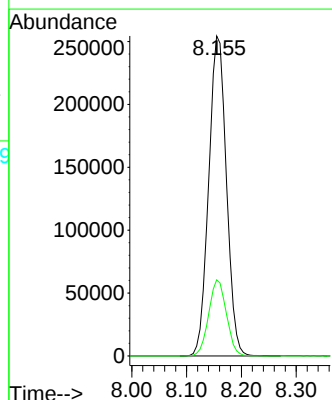
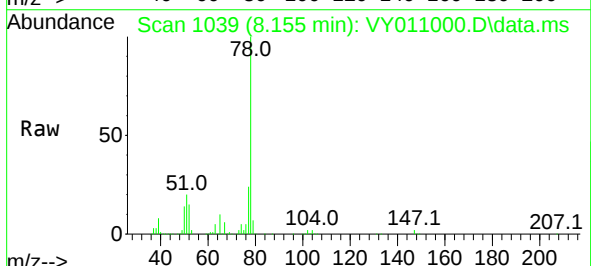
Acq: 18 Oct 2022 17:30

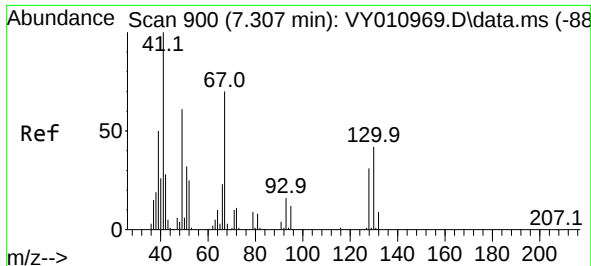
Tgt Ion: 78 Resp: 569351

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

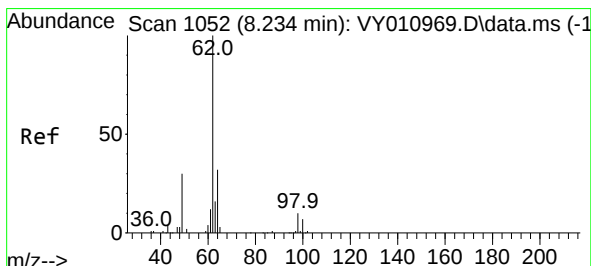
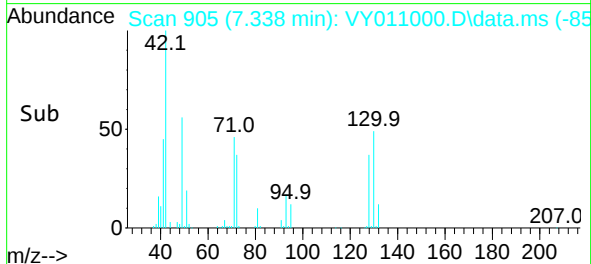
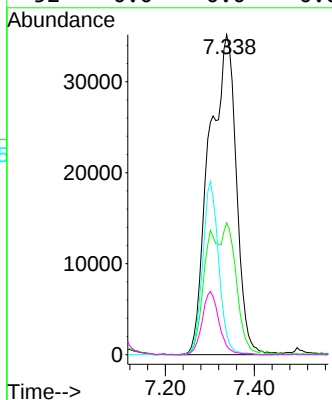
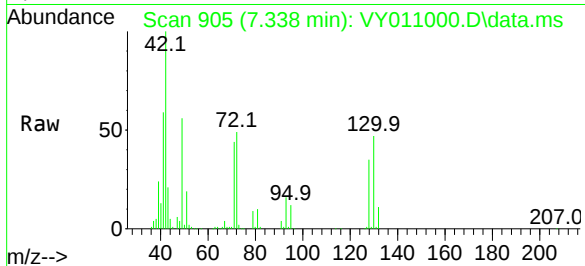




#41
Methacrylonitrile
Concen: 126.892 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

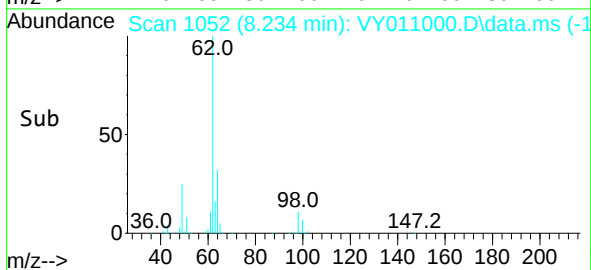
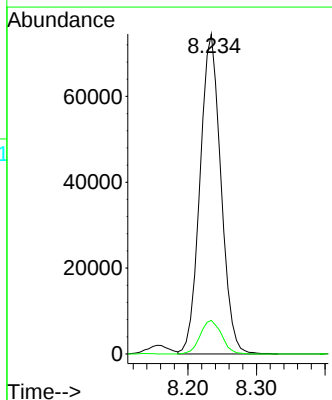
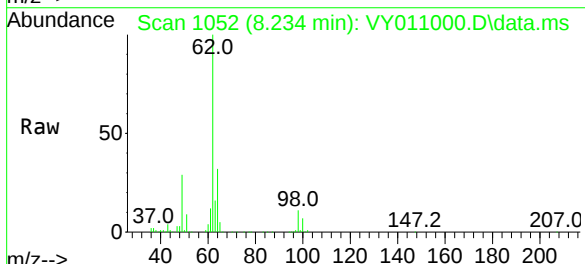
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

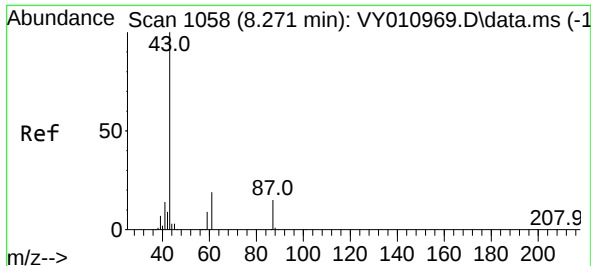
Tgt Ion: 41 Resp: 148312
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.964 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 62 Resp: 158245
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8

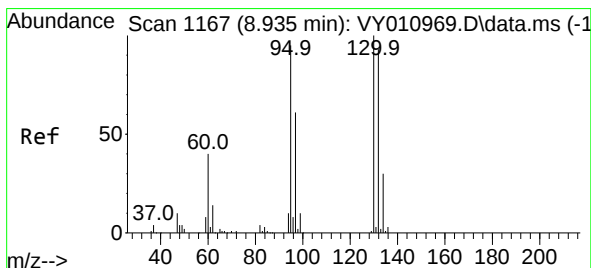
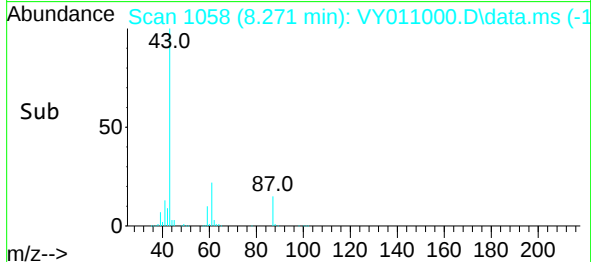
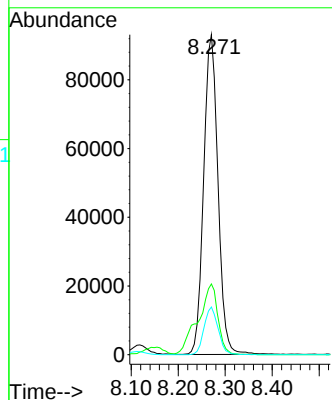
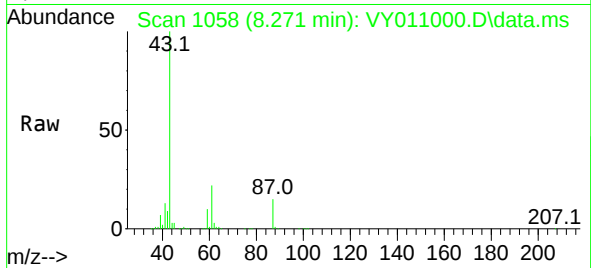




#43
Isopropyl Acetate
Concen: 50.996 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

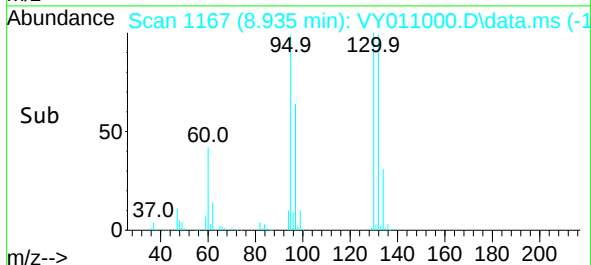
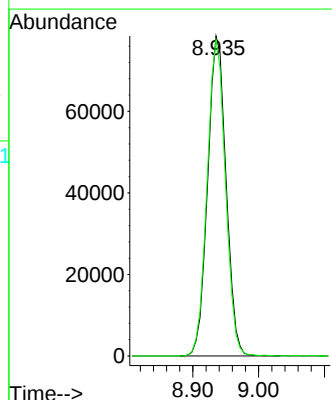
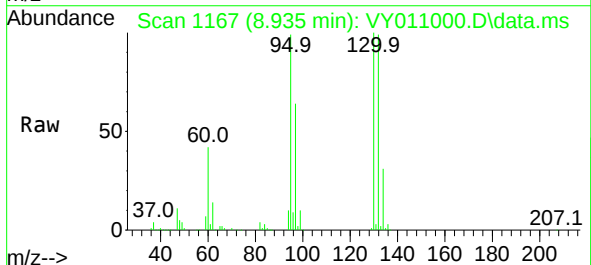
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

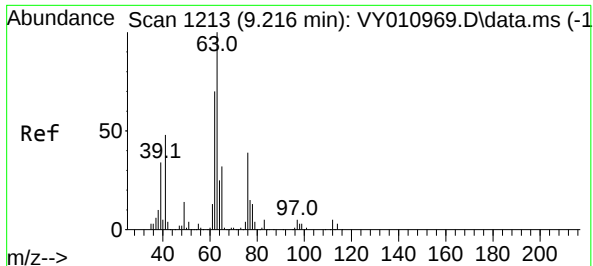
Tgt Ion: 43 Resp: 196519
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2#
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 49.325 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion:130 Resp: 152789
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.045 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

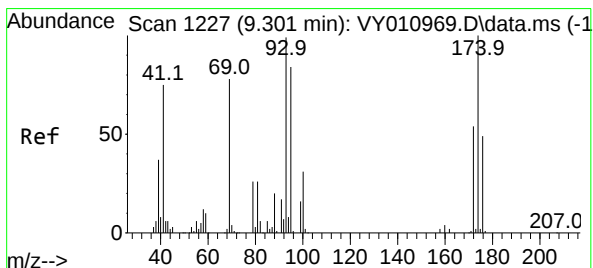
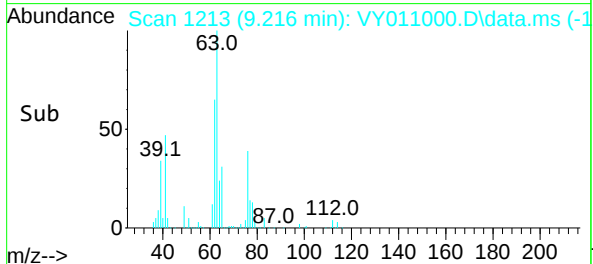
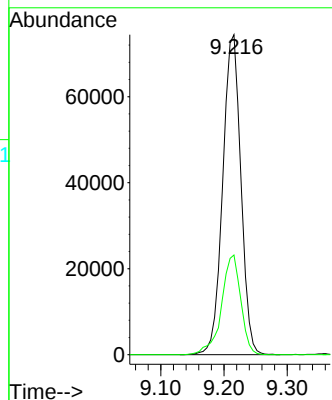
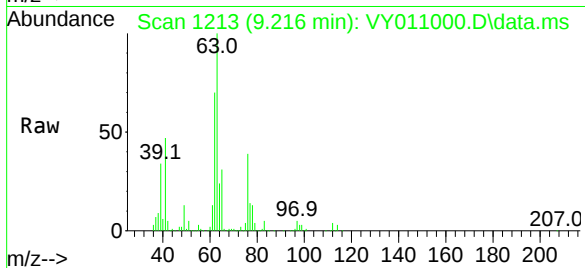
VSTDCCC050EC

Tgt Ion: 63 Resp: 148039

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 50.289 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

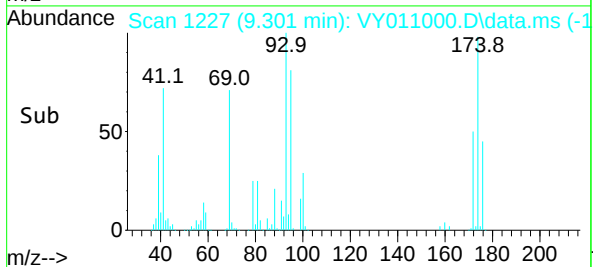
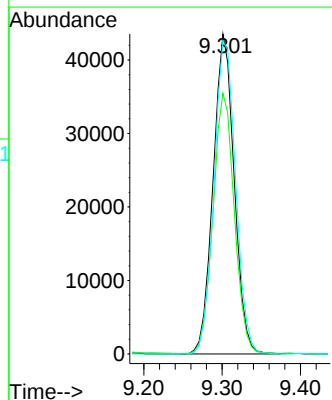
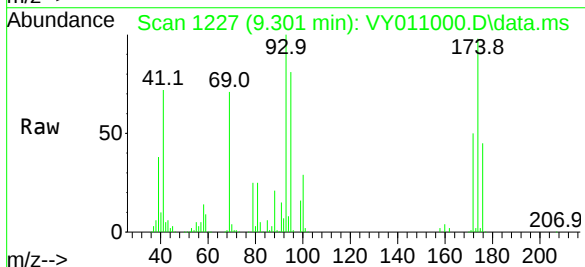
Tgt Ion: 93 Resp: 81346

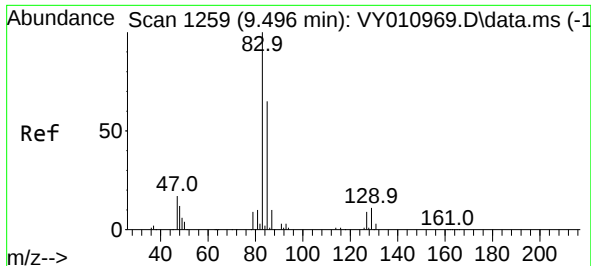
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 100.4 83.4 125.0

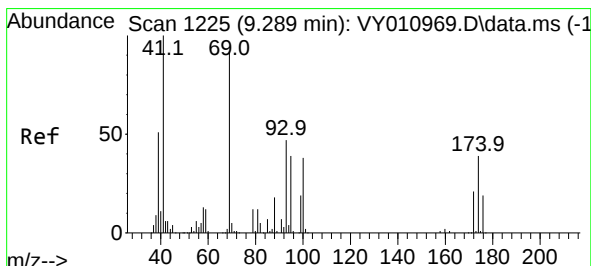
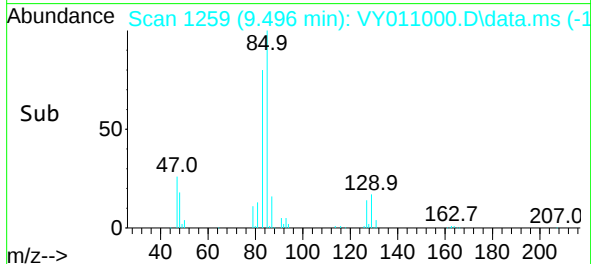
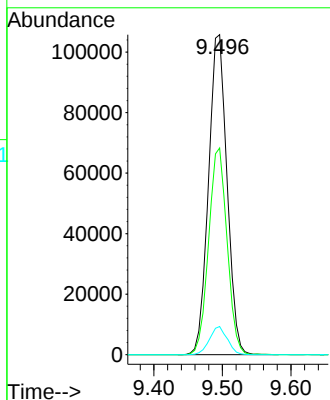
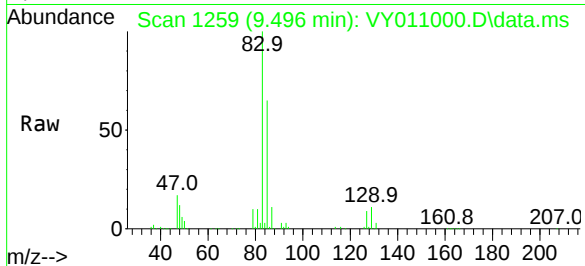




#47
Bromodichloromethane
Concen: 50.831 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

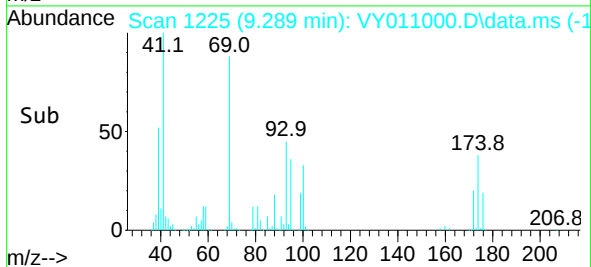
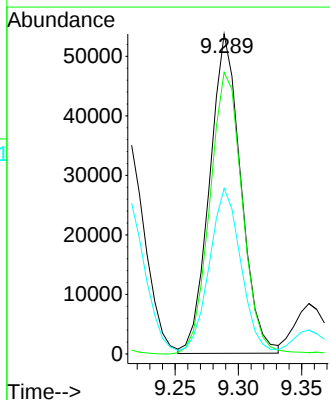
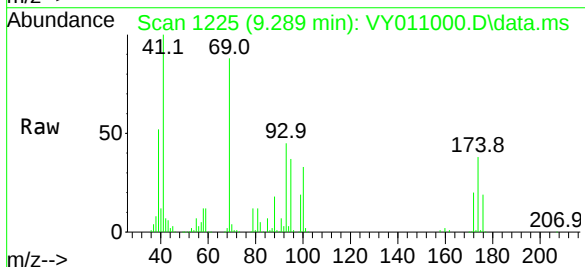
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

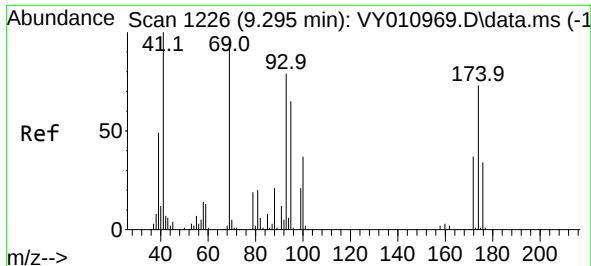
Tgt Ion: 83 Resp: 198143
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 53.521 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 41 Resp: 92304
Ion Ratio Lower Upper
41 100
69 92.2 58.2 87.2#
39 50.3 47.4 71.0

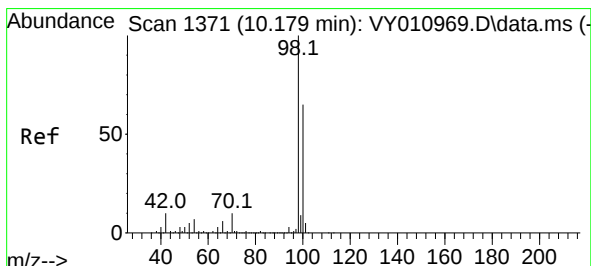
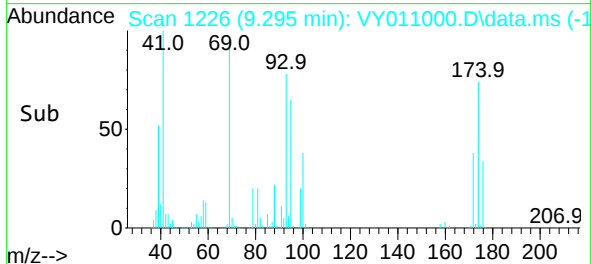
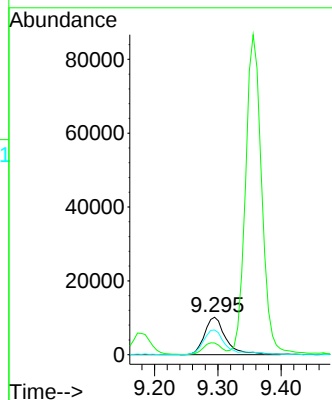
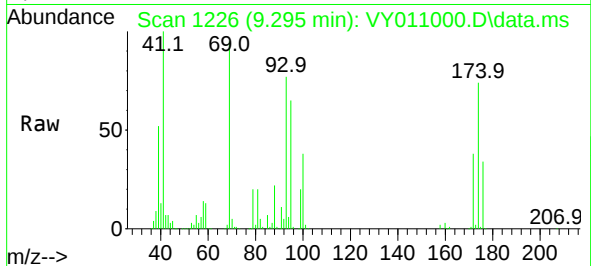




#49
1,4-Dioxane
Concen: 1023.457 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

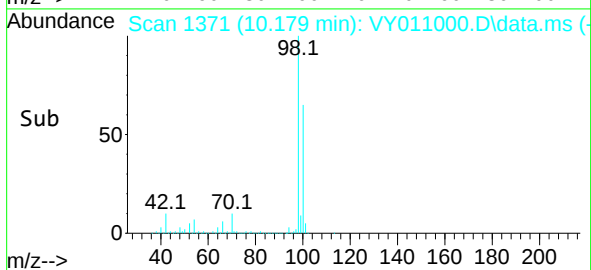
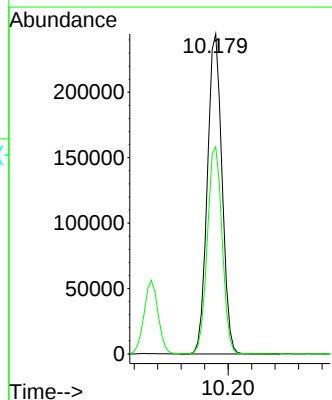
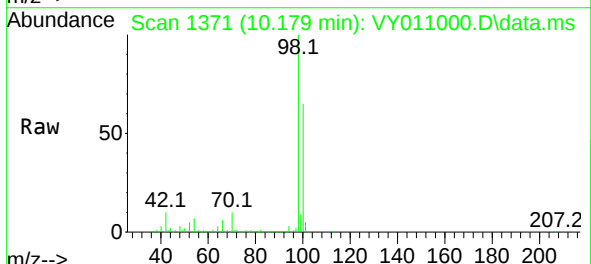
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

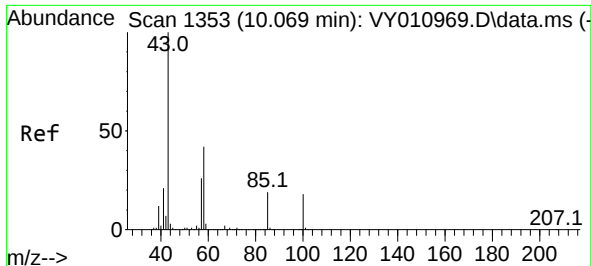
Tgt Ion: 88 Resp: 23786
Ion Ratio Lower Upper
88 100
43 26.0 32.8 49.2#
58 71.1 59.8 89.6



#50
Toluene-d8
Concen: 48.345 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 98 Resp: 422433
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

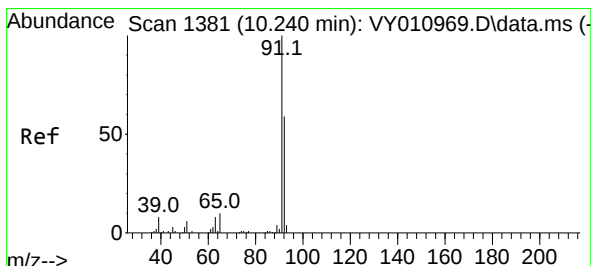
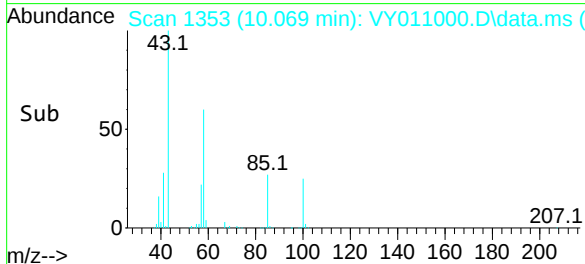
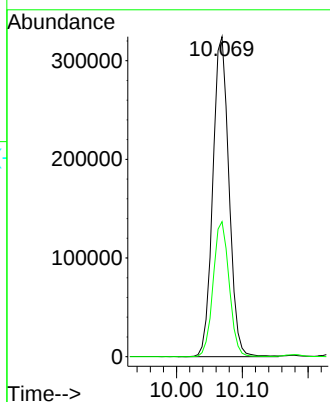
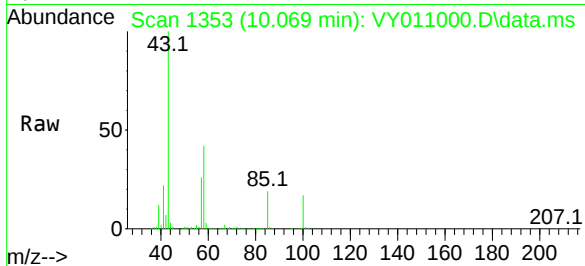




#51
4-Methyl-2-Pentanone
Concen: 257.580 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

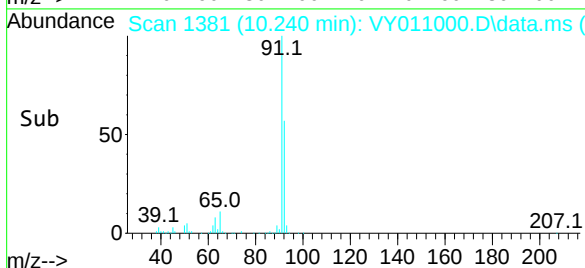
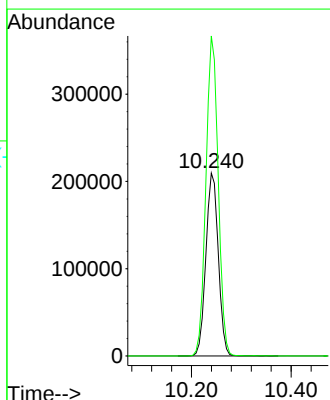
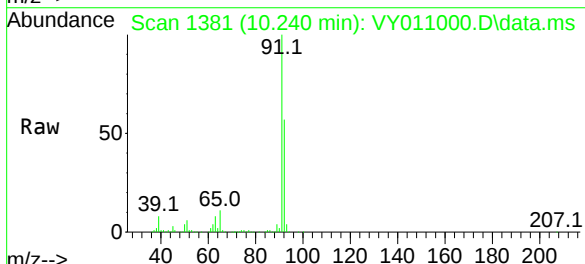
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

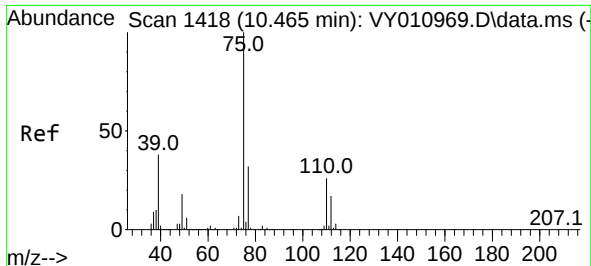
Tgt Ion: 43 Resp: 553570
Ion Ratio Lower Upper
43 100
58 42.0 28.1 42.1



#52
Toluene
Concen: 50.878 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 92 Resp: 361295
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

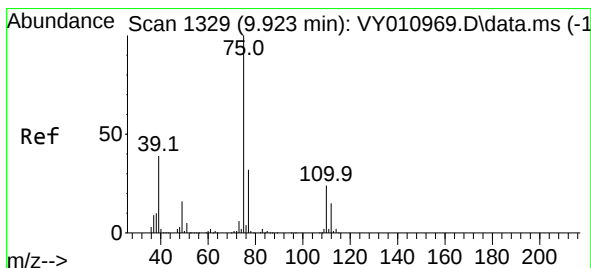
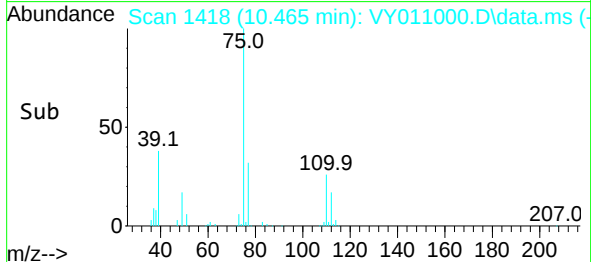
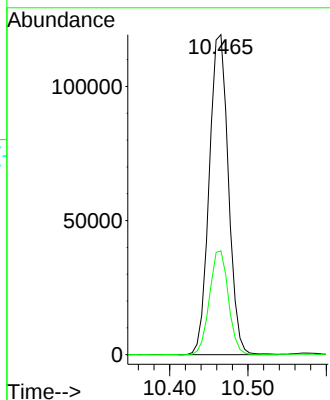
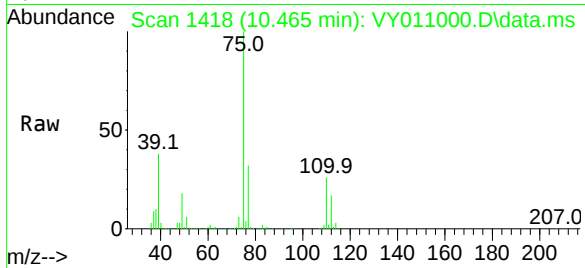




#53
t-1,3-Dichloropropene
Concen: 50.035 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

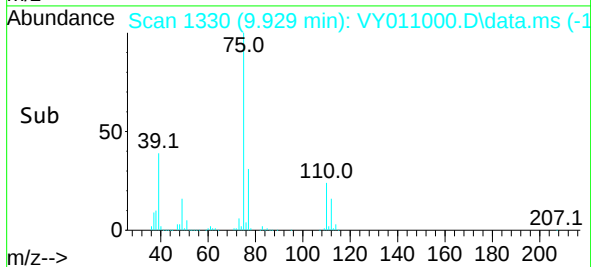
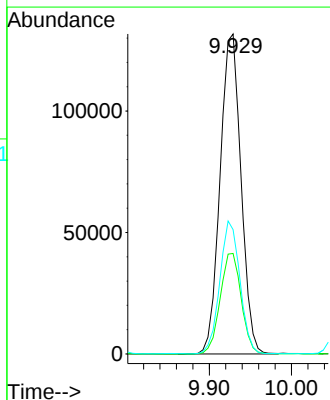
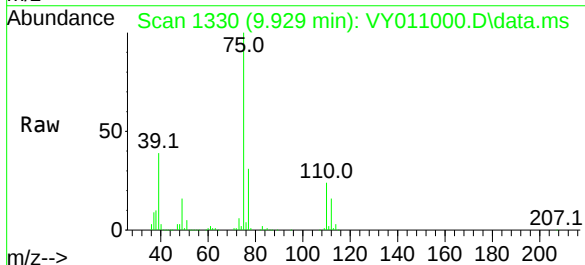
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

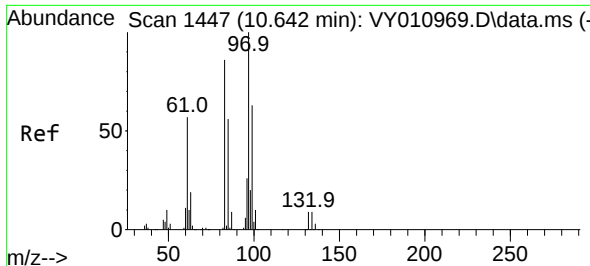
Tgt Ion: 75 Resp: 202619
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.288 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 75 Resp: 233036
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 38.8 47.6 71.4#



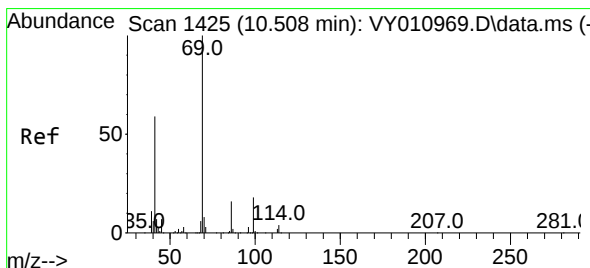
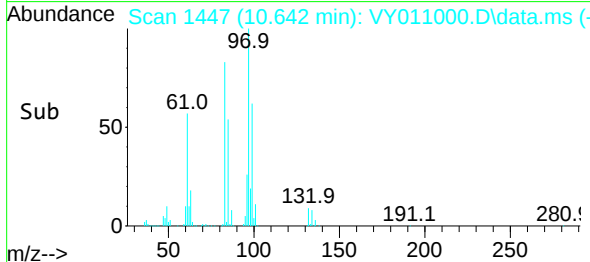
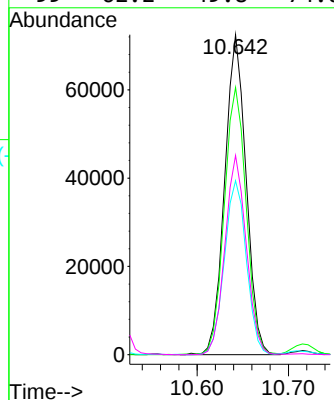
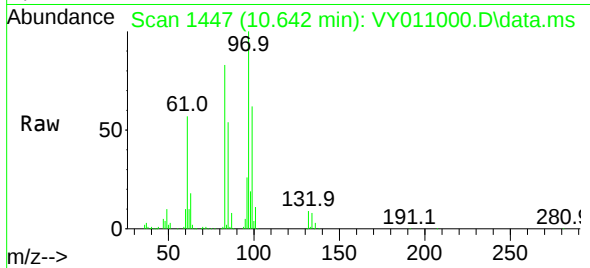


#55
1,1,2-Trichloroethane
Concen: 50.602 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 118083

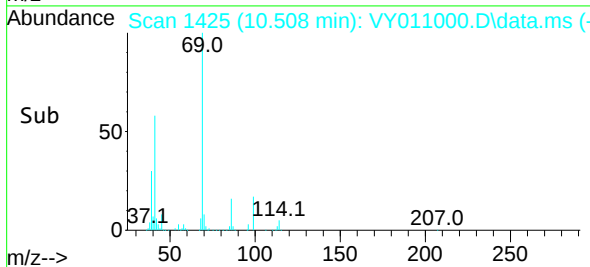
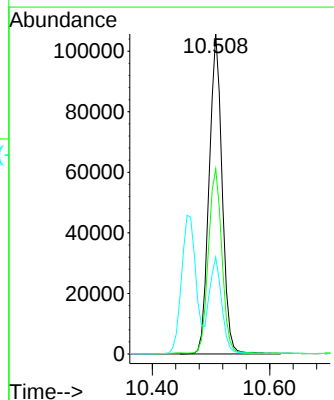
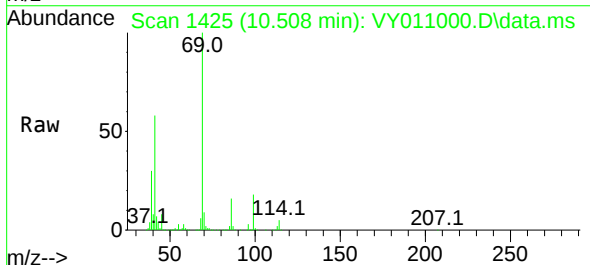
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.8	104.8
85	54.3	44.3	66.5
99	62.2	49.8	74.6

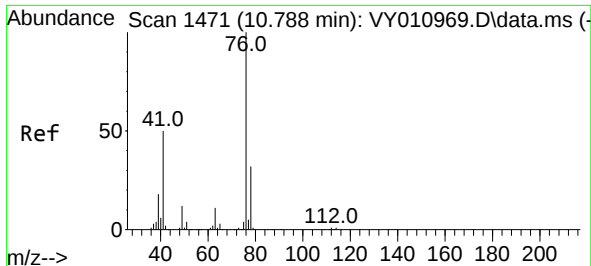


#56
Ethyl methacrylate
Concen: 52.558 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 69 Resp: 162895

Ion	Ratio	Lower	Upper
69	100		
41	59.3	63.4	95.0#
39	27.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 50.050 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

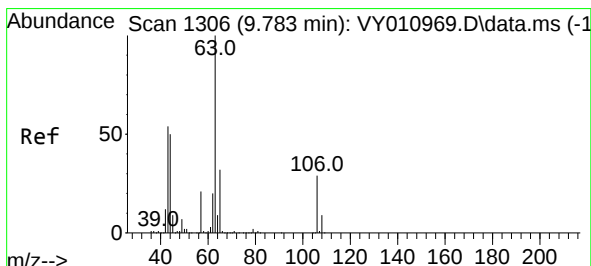
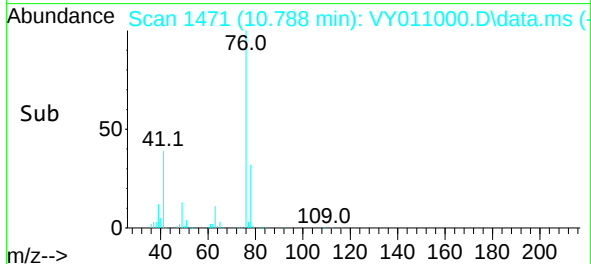
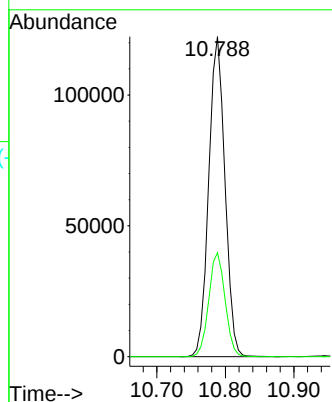
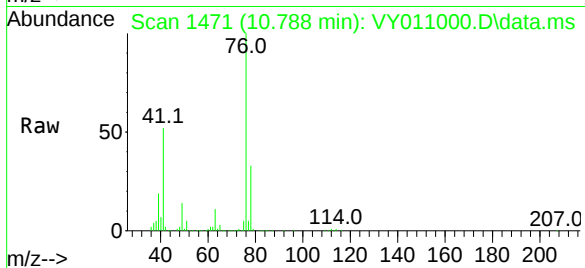
VSTDCCC050EC

Tgt Ion: 76 Resp: 200808

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.658 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY011000.D

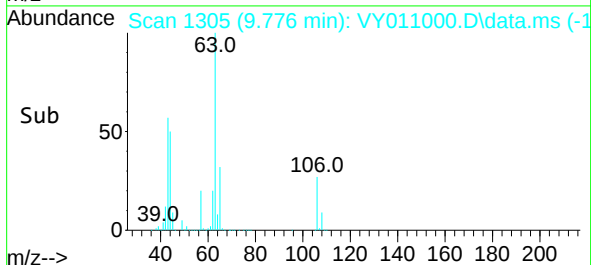
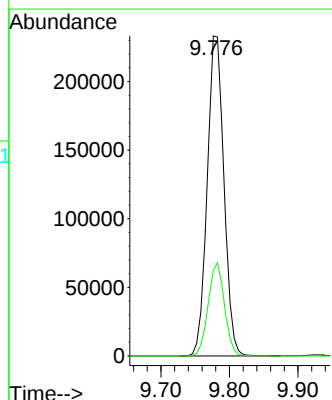
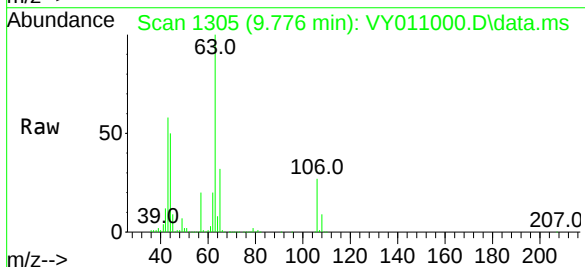
Acq: 18 Oct 2022 17:30

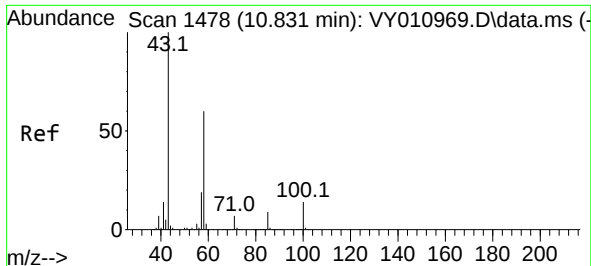
Tgt Ion: 63 Resp: 395963

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

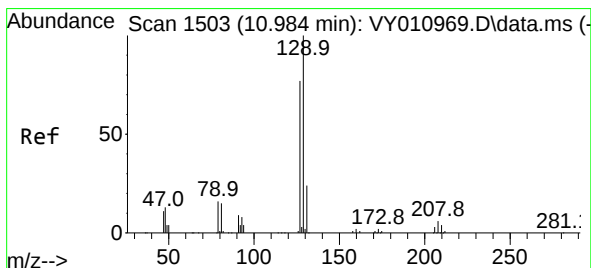
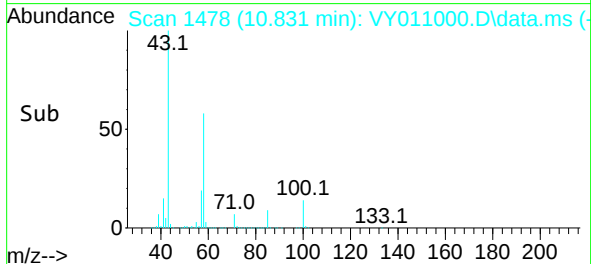
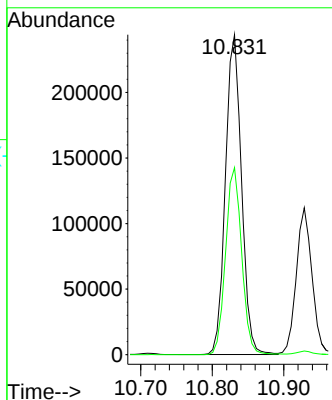
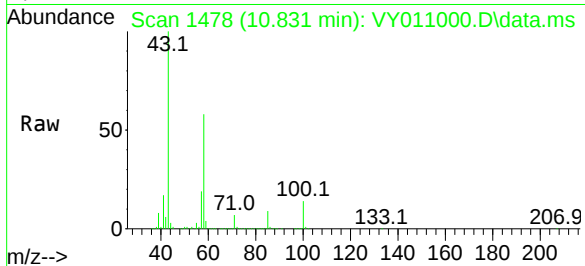




#59
2-Hexanone
Concen: 258.127 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

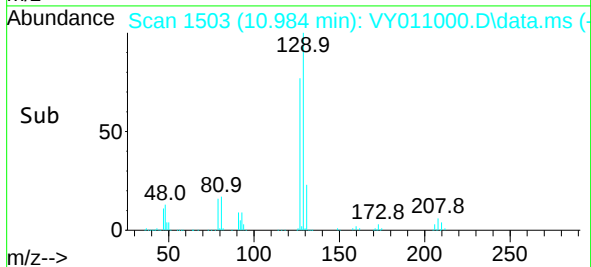
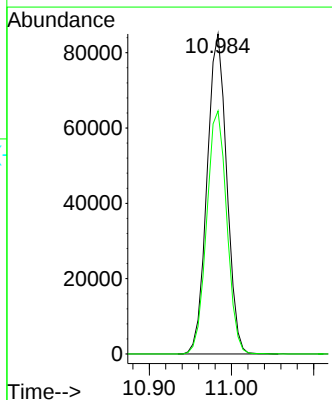
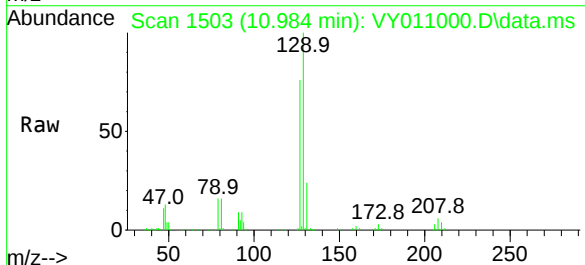
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

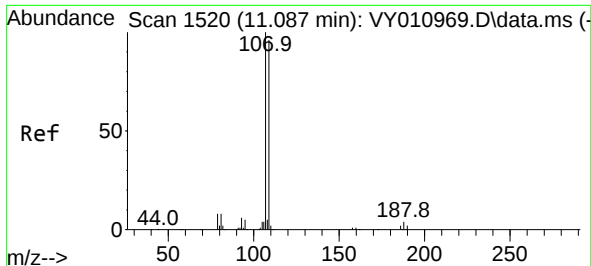
Tgt Ion: 43 Resp: 381062
Ion Ratio Lower Upper
43 100
58 58.6 24.4 73.4



#60
Dibromochloromethane
Concen: 50.946 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 129 Resp: 141366
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

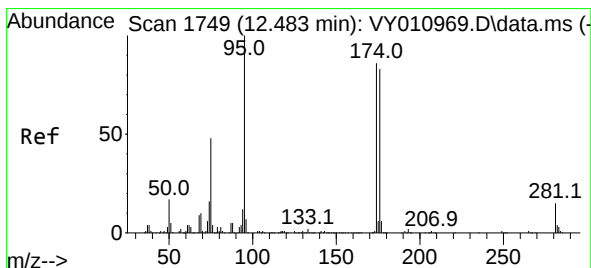
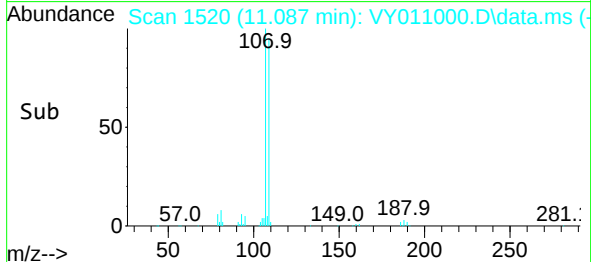
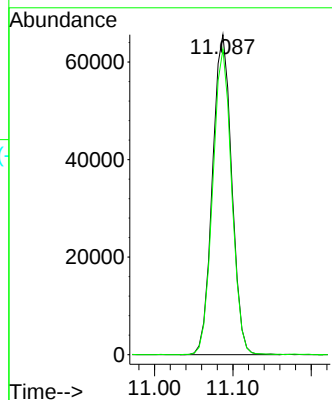
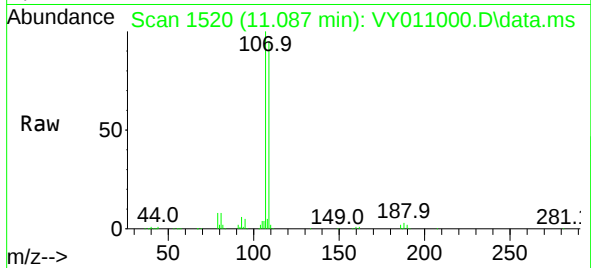




#61
1,2-Dibromoethane
Concen: 49.980 ug/l
RT: 11.087 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

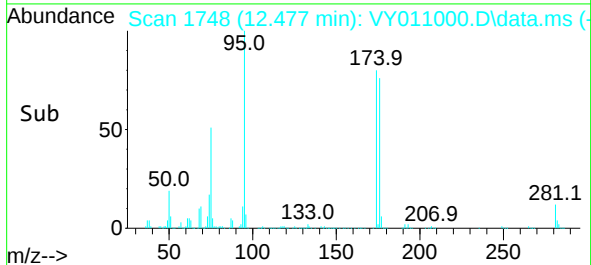
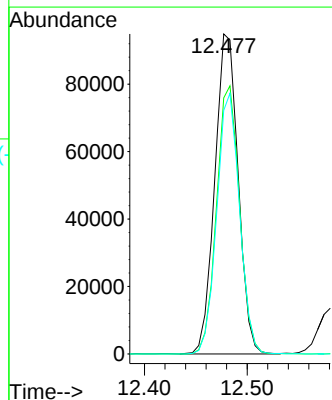
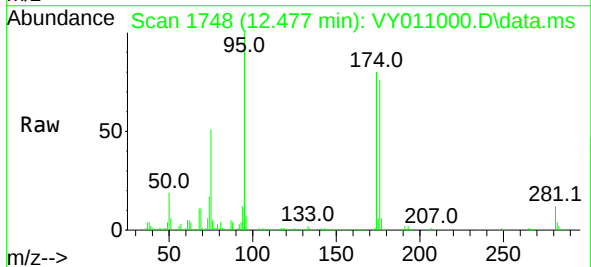
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

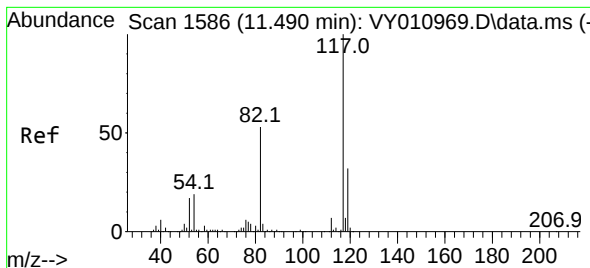
Tgt Ion:107 Resp: 111688
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.234 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 95 Resp: 149631
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

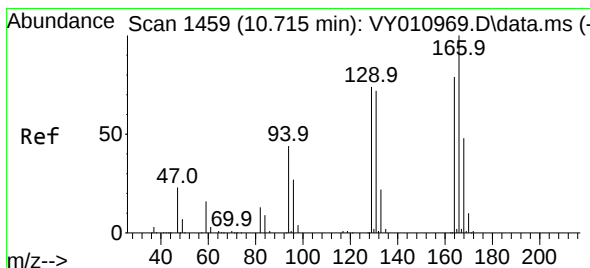
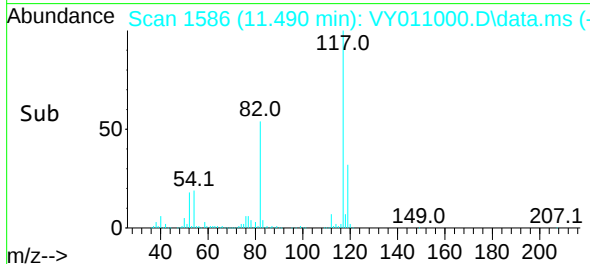
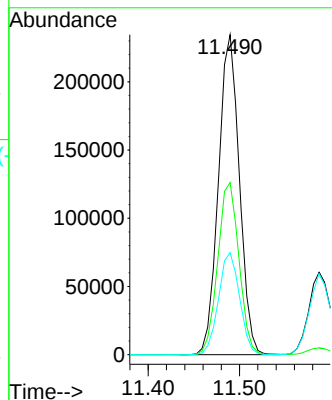
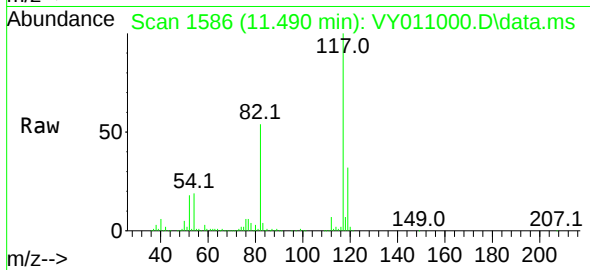
Tgt Ion:117 Resp: 373547

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 50.252 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Tgt Ion:164 Resp: 146126

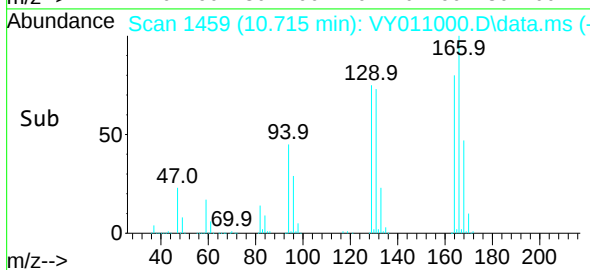
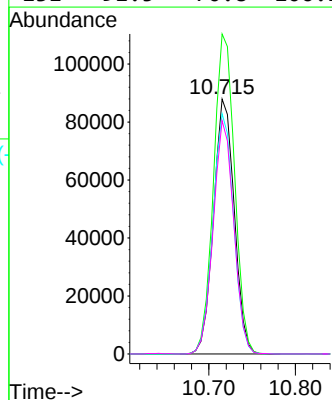
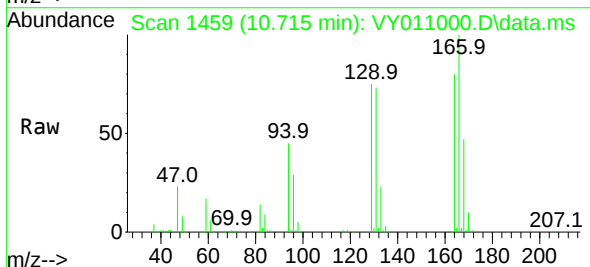
Ion Ratio Lower Upper

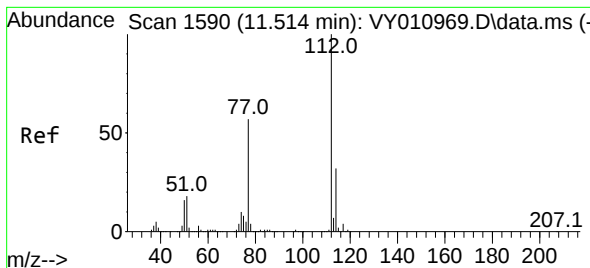
164 100

166 125.6 100.4 150.6

129 94.3 71.4 107.0

131 91.5 70.8 106.2

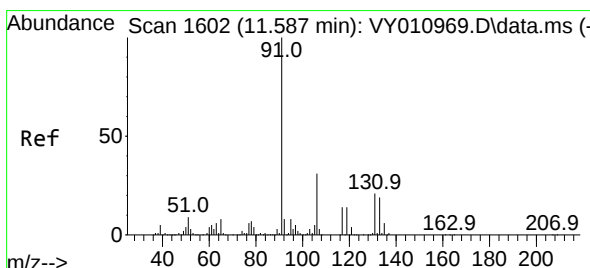
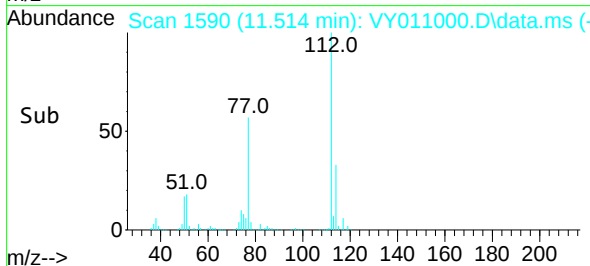
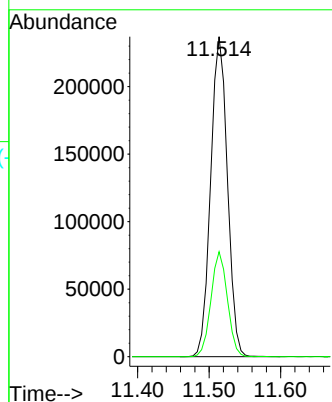
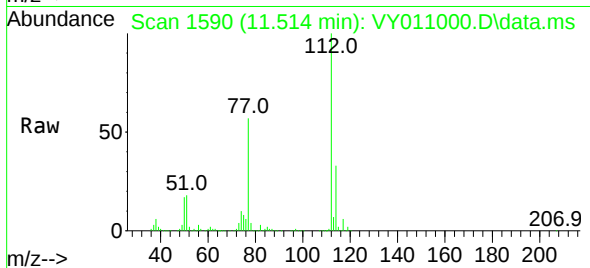




#65
Chlorobenzene
Concen: 50.303 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

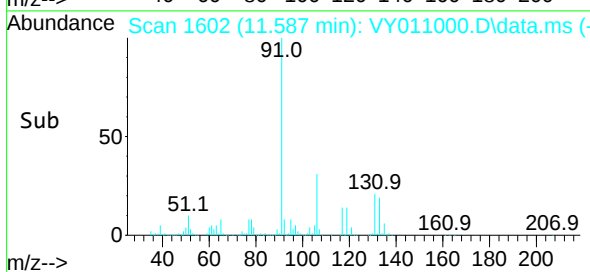
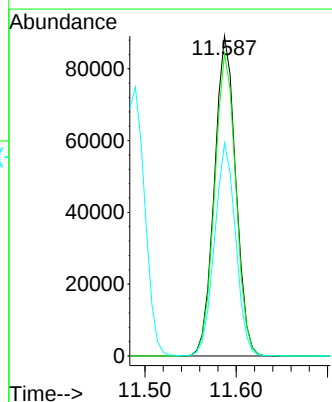
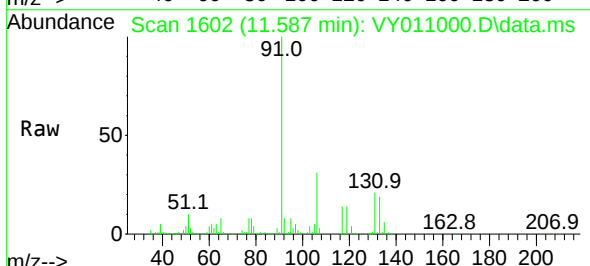
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

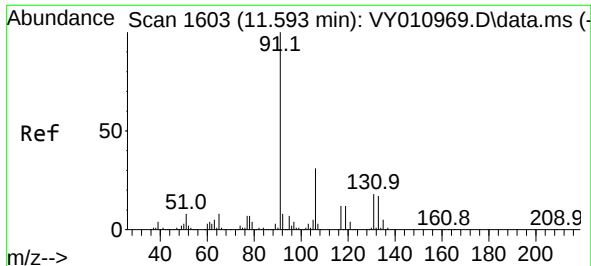
Tgt Ion:112 Resp: 385778
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.951 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion:131 Resp: 144628
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 51.429 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

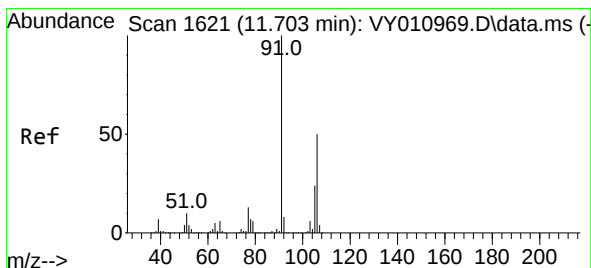
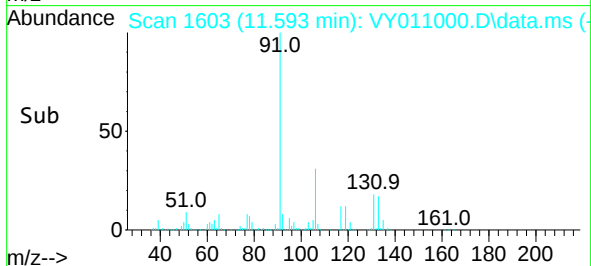
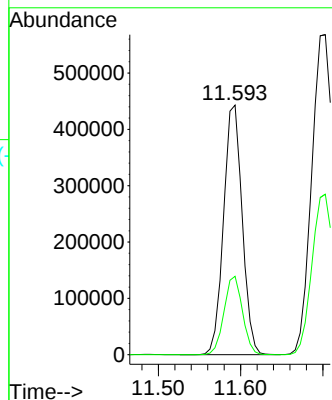
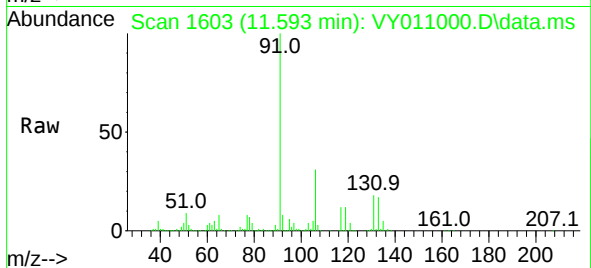
VSTDCCC050EC

Tgt Ion: 91 Resp: 697762

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 102.343 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011000.D

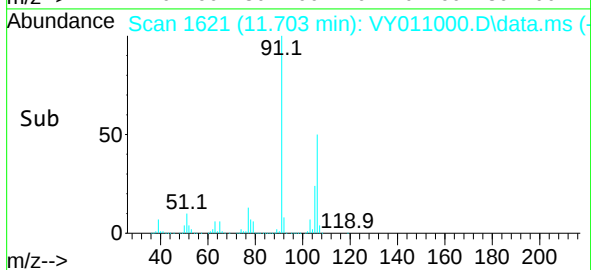
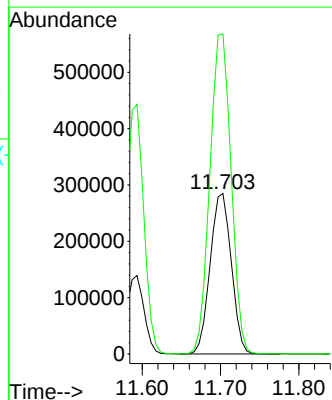
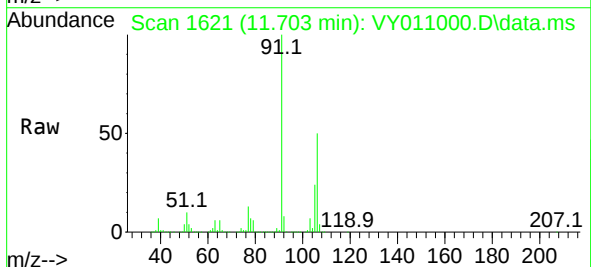
Acq: 18 Oct 2022 17:30

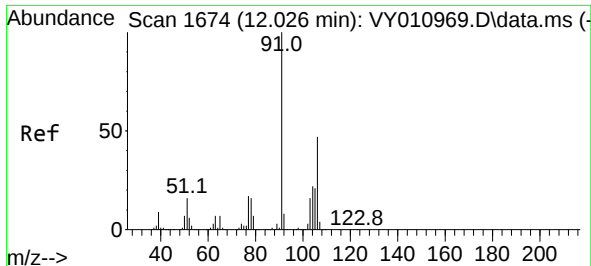
Tgt Ion: 106 Resp: 534150

Ion Ratio Lower Upper

106 100

91 200.4 166.6 249.8

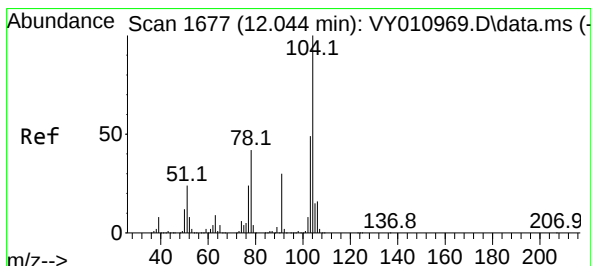
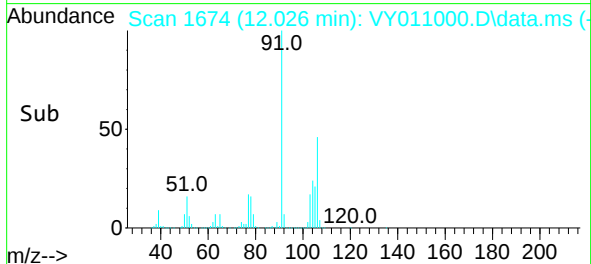
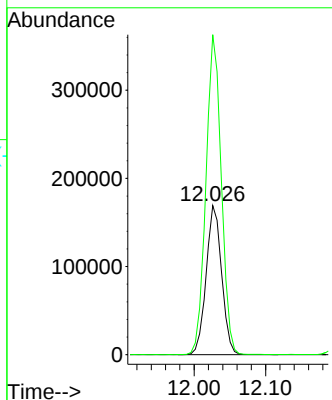
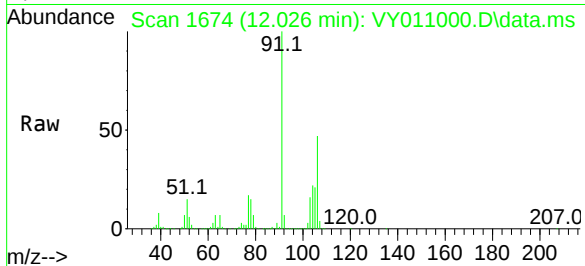




#69
o-Xylene
Concen: 51.318 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

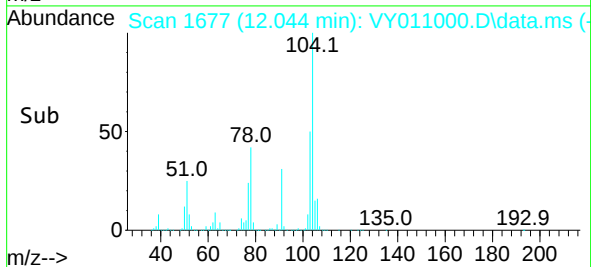
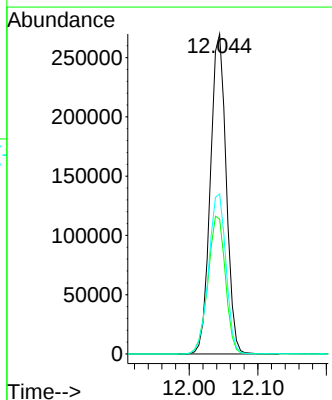
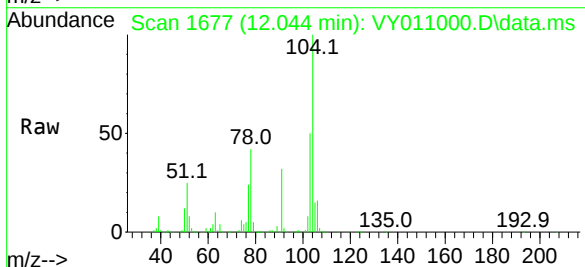
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

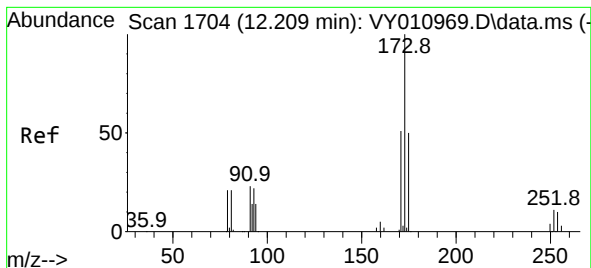
Tgt Ion:106 Resp: 254329
Ion Ratio Lower Upper
106 100
91 213.3 110.3 331.0



#70
Styrene
Concen: 51.769 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion:104 Resp: 434727
Ion Ratio Lower Upper
104 100
78 47.4 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 51.284 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

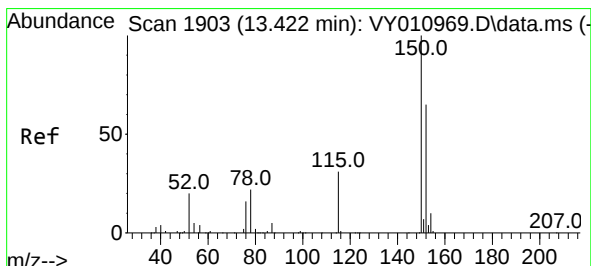
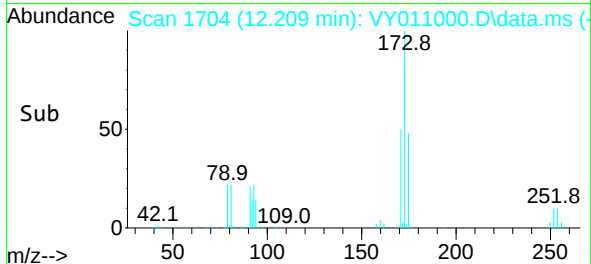
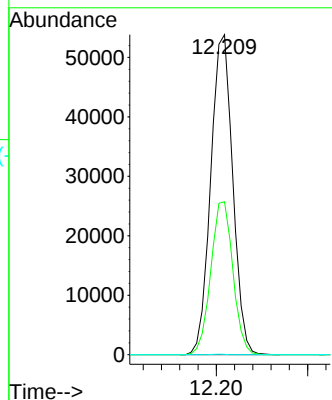
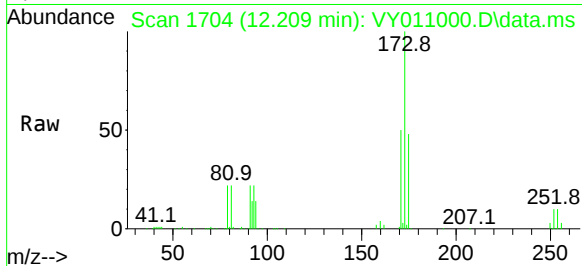
Tgt Ion:173 Resp: 89843

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

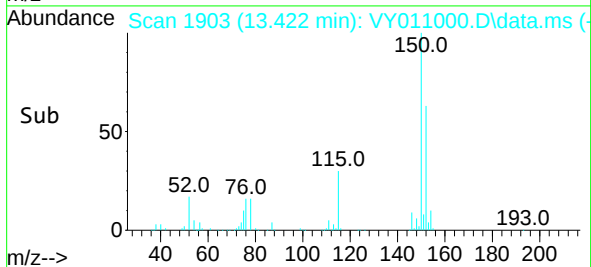
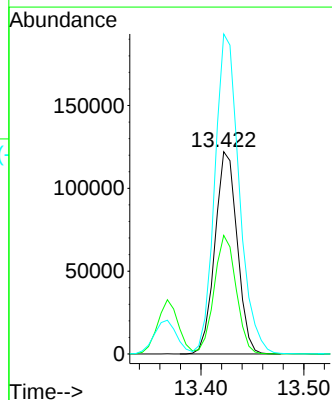
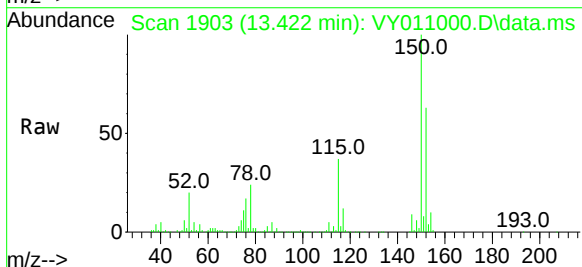
Tgt Ion:152 Resp: 183943

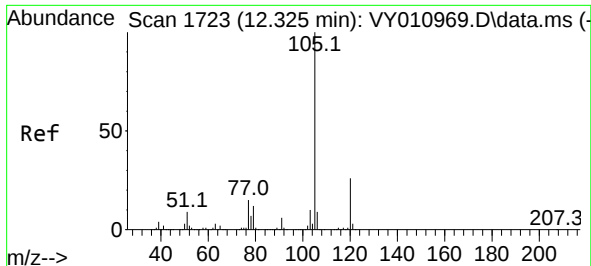
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 173.3 0.0 347.6

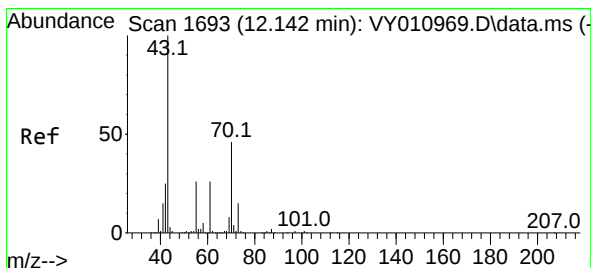
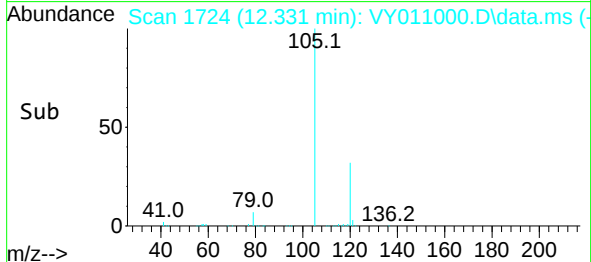
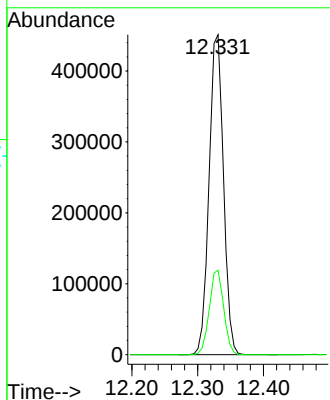
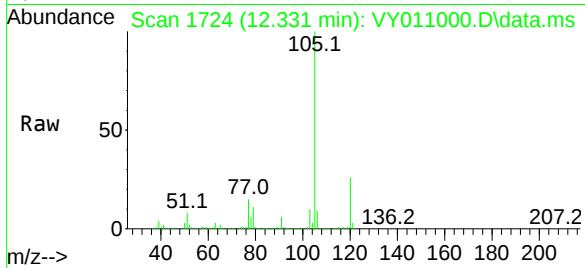




#73
Isopropylbenzene
Concen: 51.495 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

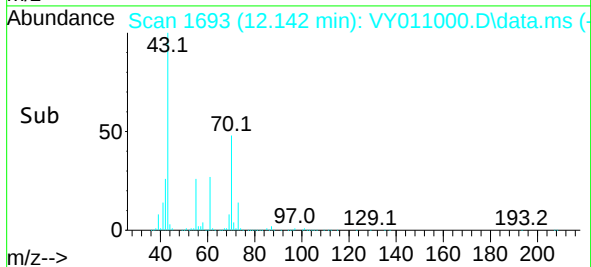
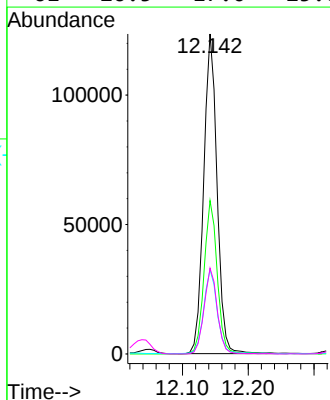
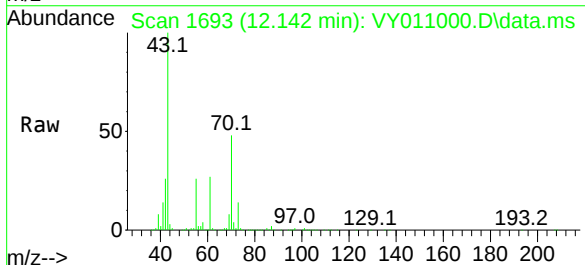
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

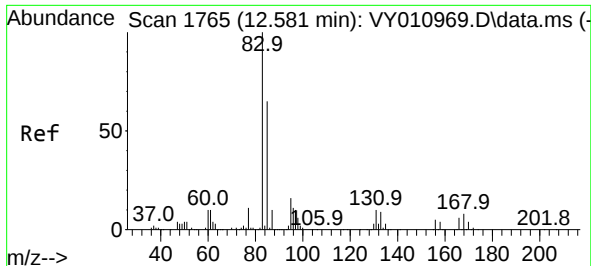
Tgt Ion:105 Resp: 688170
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-amy1 acetate
Concen: 51.486 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 43 Resp: 174573
Ion Ratio Lower Upper
43 100
70 47.5 28.7 43.1#
55 26.6 17.3 25.9#
61 26.5 17.0 25.6#

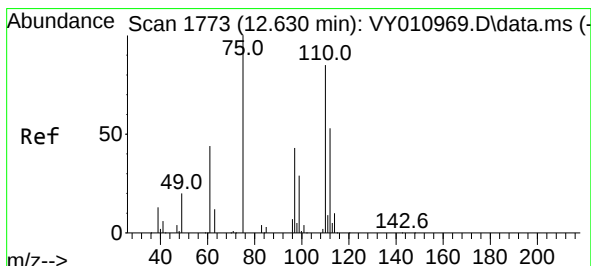
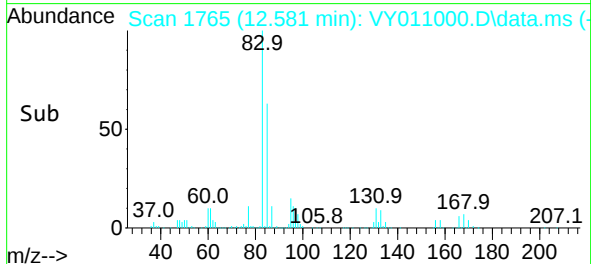
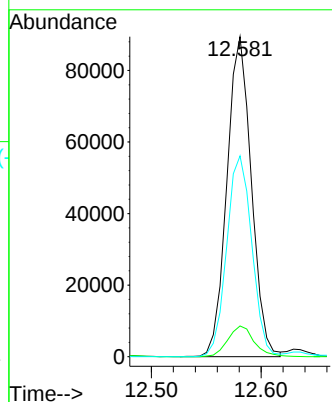
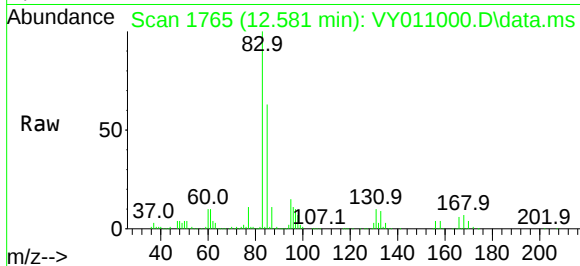




#75
1,1,2,2-Tetrachloroethane
Concen: 49.424 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

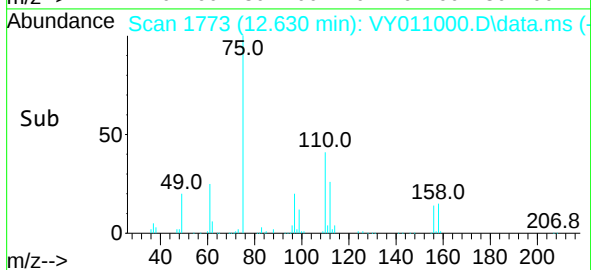
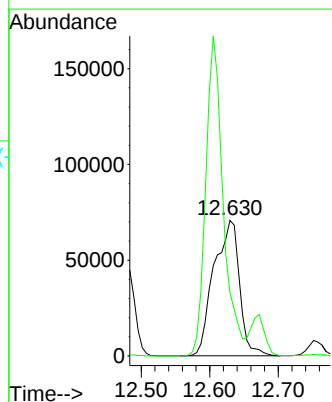
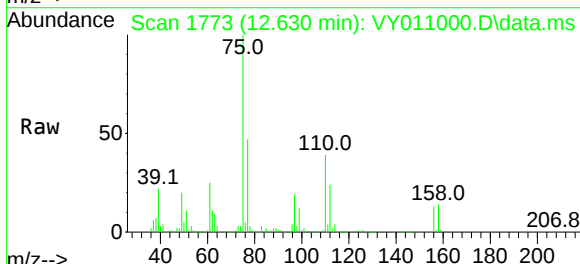
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

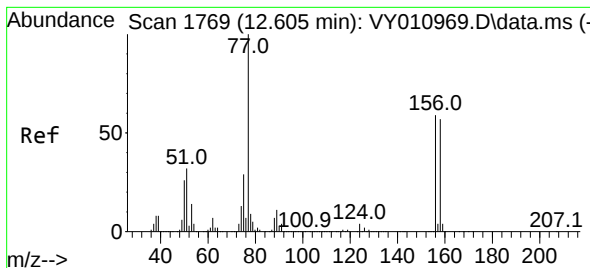
Tgt Ion: 83 Resp: 138616
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 87.980 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 75 Resp: 183733
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.832 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

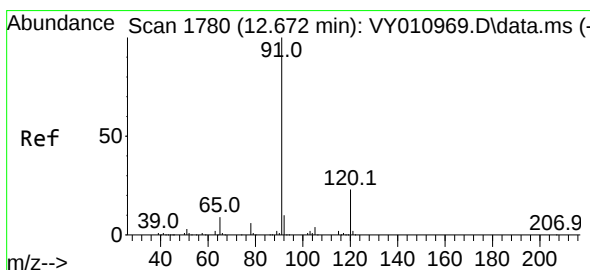
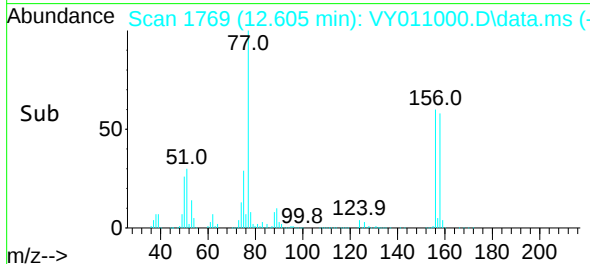
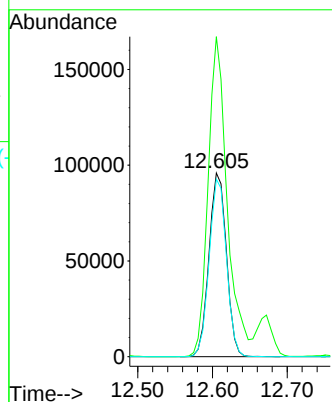
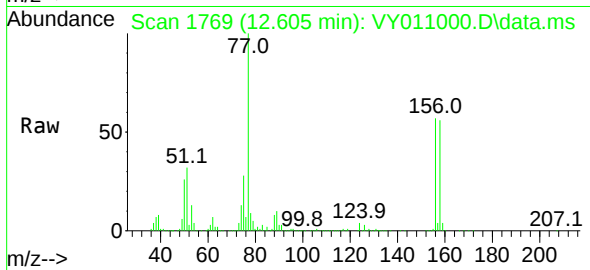
Tgt Ion:156 Resp: 155665

Ion Ratio Lower Upper

156 100

77 189.4 95.5 286.4

158 95.7 48.0 144.0



#78

n-propylbenzene

Concen: 51.355 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011000.D

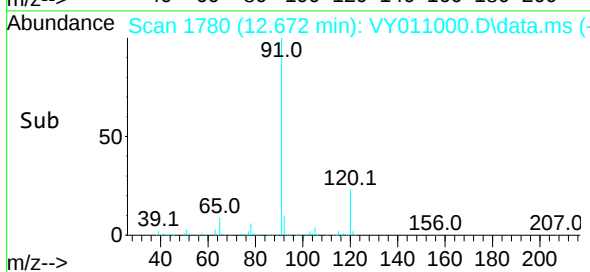
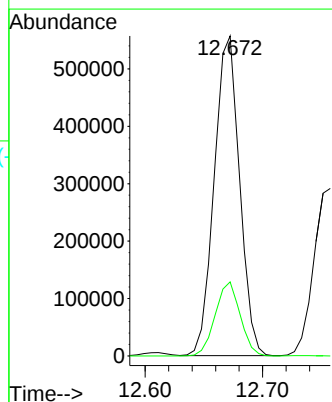
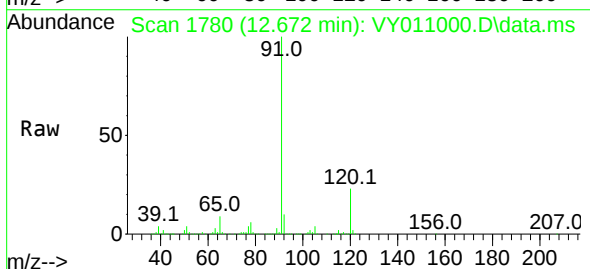
Acq: 18 Oct 2022 17:30

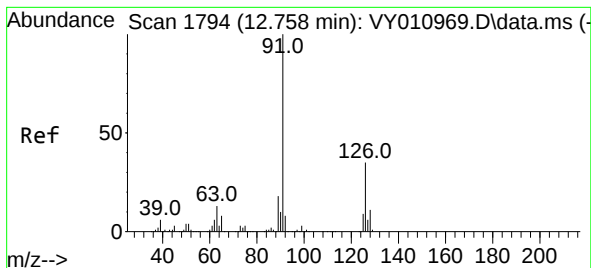
Tgt Ion: 91 Resp: 835000

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 50.862 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

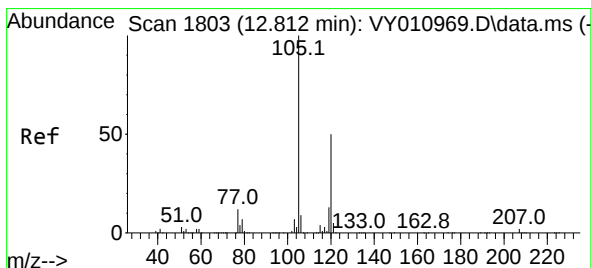
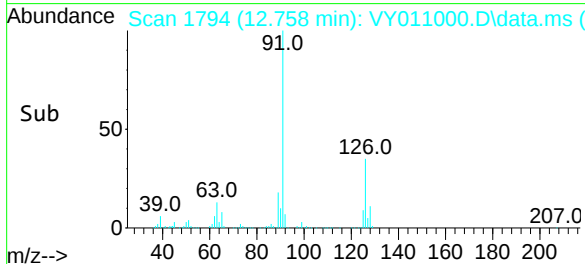
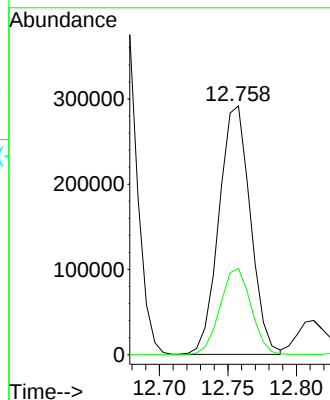
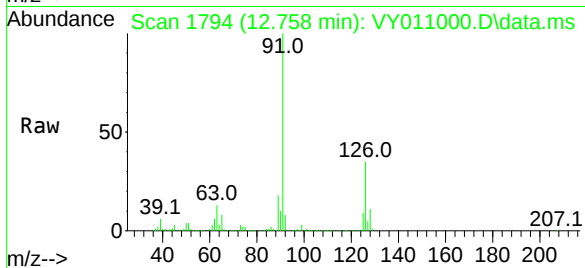
VSTDCCC050EC

Tgt Ion: 91 Resp: 465739

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 50.722 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011000.D

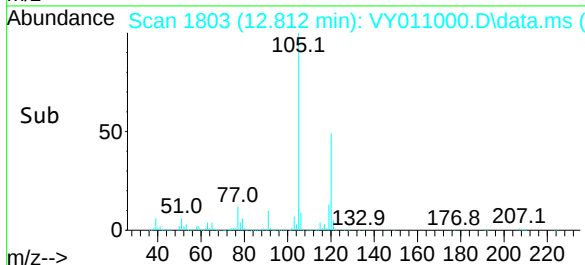
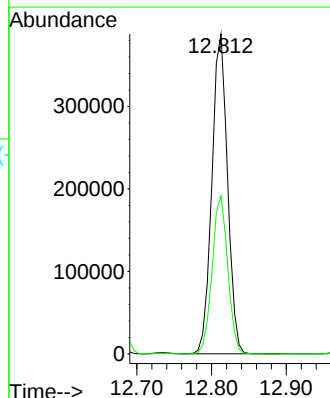
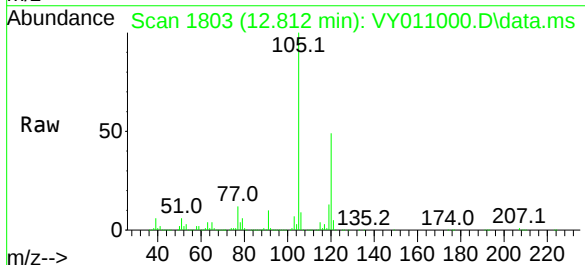
Acq: 18 Oct 2022 17:30

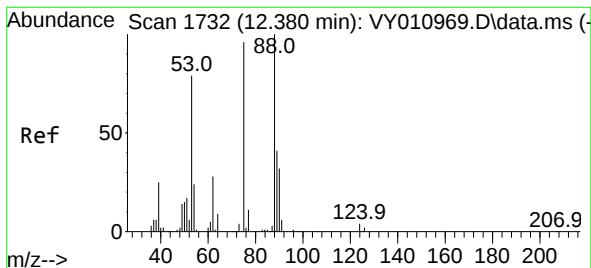
Tgt Ion: 105 Resp: 565564

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4

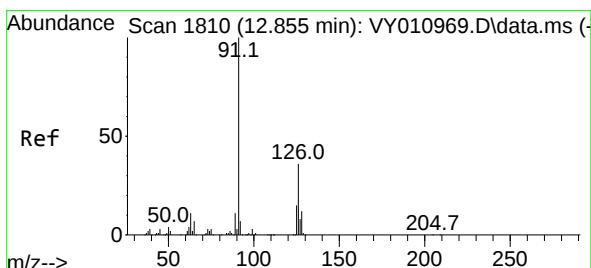
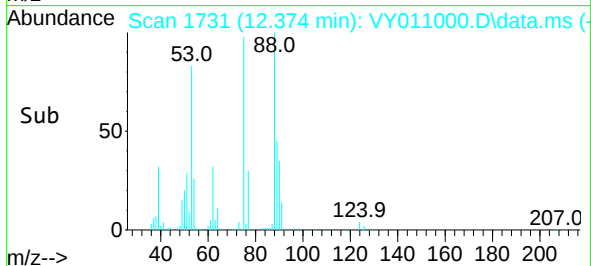
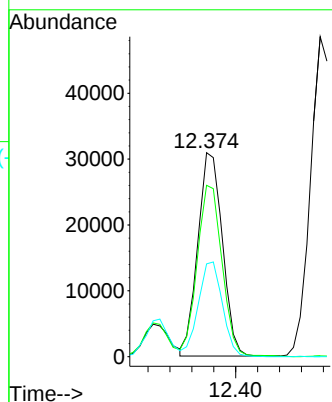
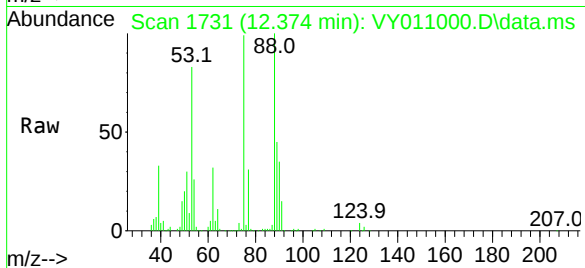




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.588 ug/l
 RT: 12.374 min Scan# 1731
 Delta R.T. -0.006 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

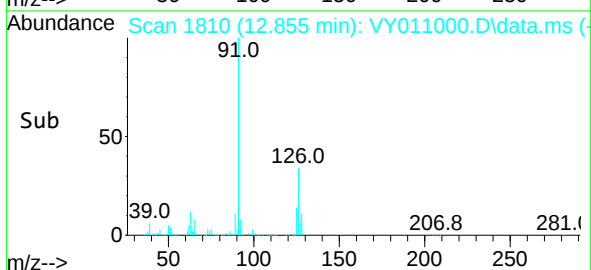
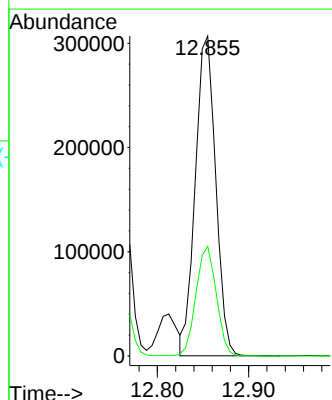
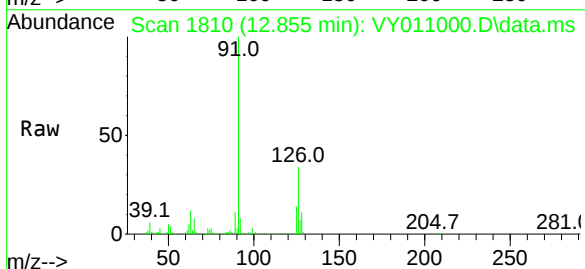
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

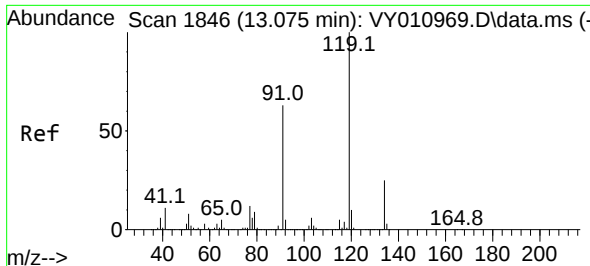
Tgt Ion: 75 Resp: 48150
 Ion Ratio Lower Upper
 75 100
 53 85.5 85.3 127.9
 89 45.8 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 49.845 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY011000.D
 Acq: 18 Oct 2022 17:30

Tgt Ion: 91 Resp: 475227
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0

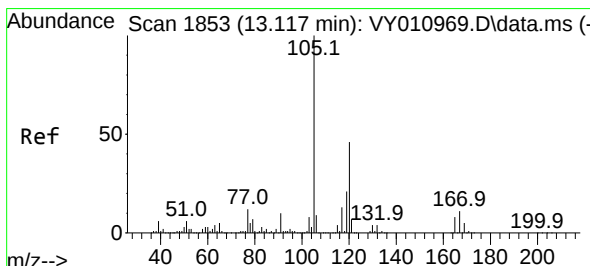
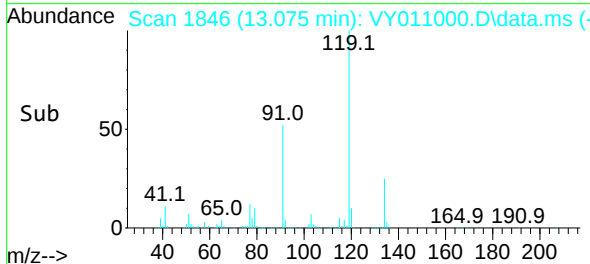
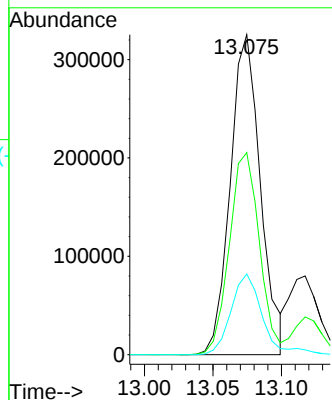
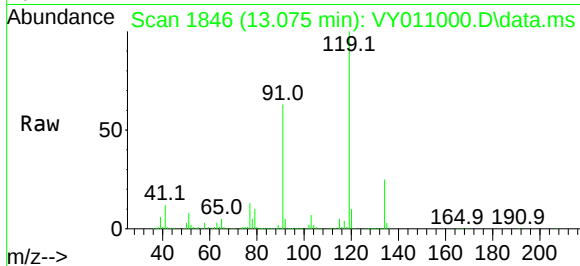




#83
tert-Butylbenzene
Concen: 51.813 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

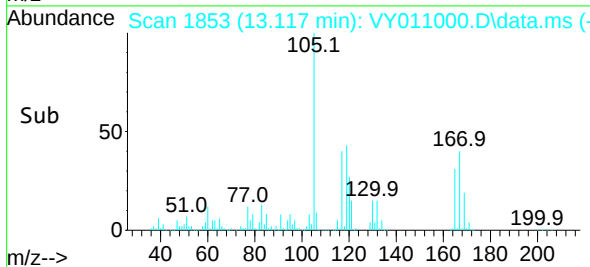
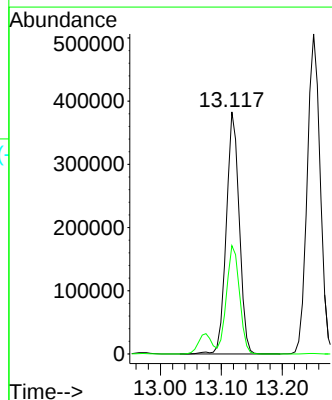
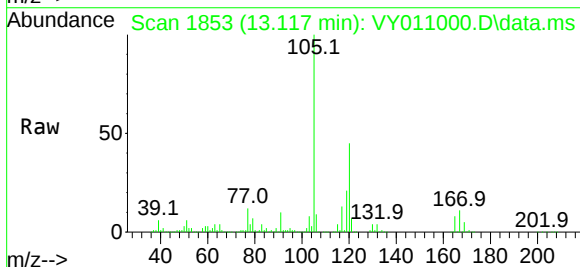
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

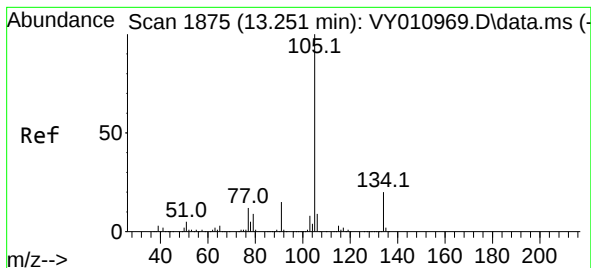
Tgt Ion:119 Resp: 499585
Ion Ratio Lower Upper
119 100
91 62.7 34.8 104.4
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.262 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion:105 Resp: 563635
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.441 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

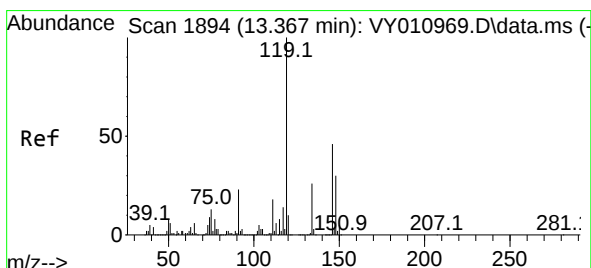
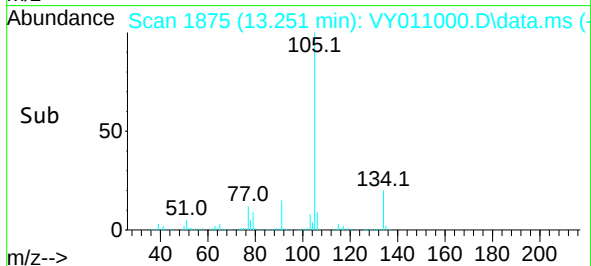
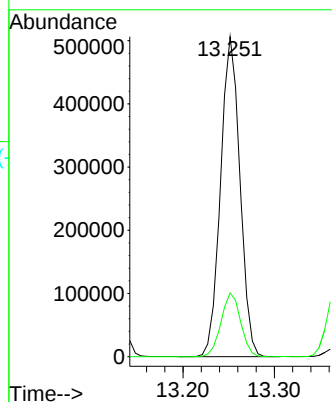
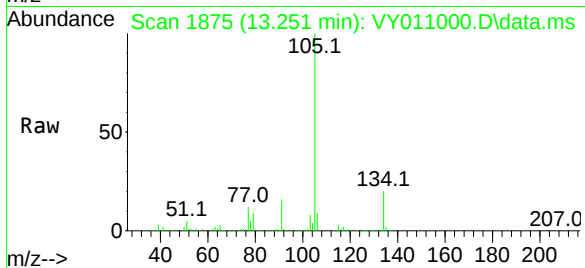
VSTDCCC050EC

Tgt Ion:105 Resp: 745318

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.379 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

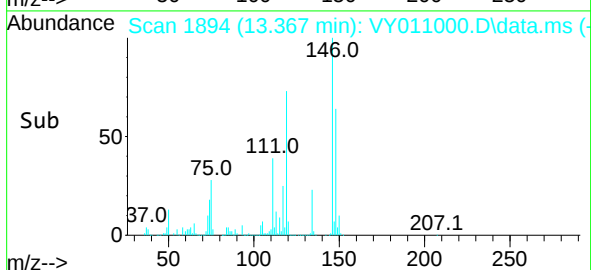
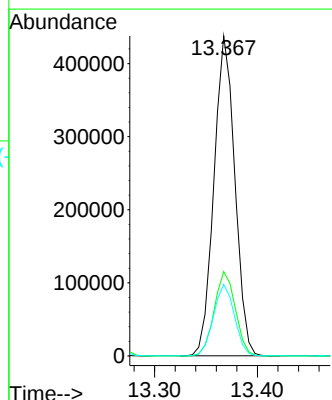
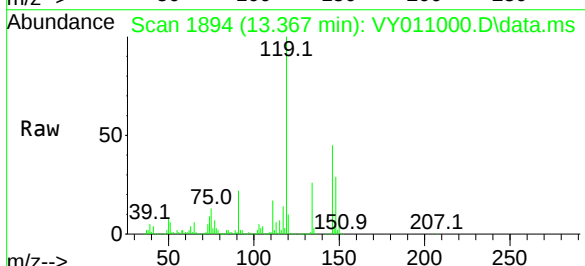
Tgt Ion:119 Resp: 617565

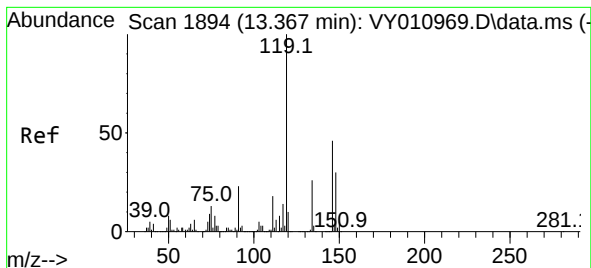
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.718 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

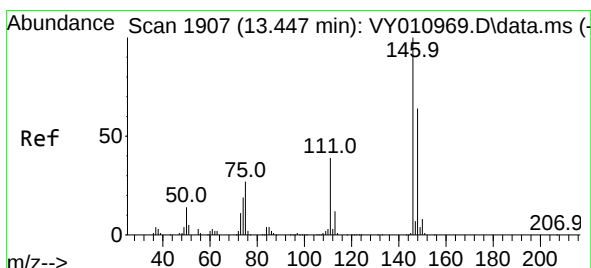
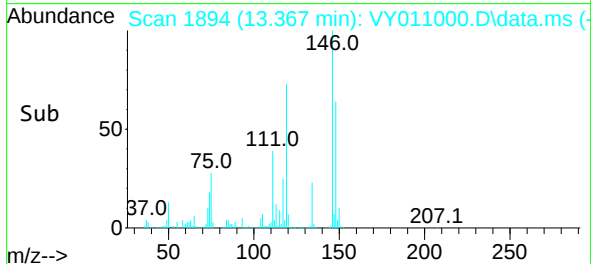
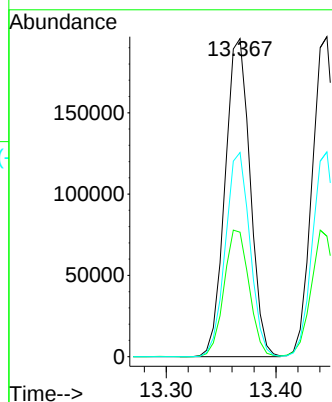
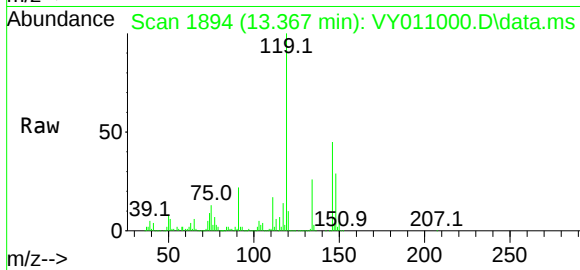
Tgt Ion:146 Resp: 309958

Ion Ratio Lower Upper

146 100

111 40.0 19.5 58.5

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.210 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

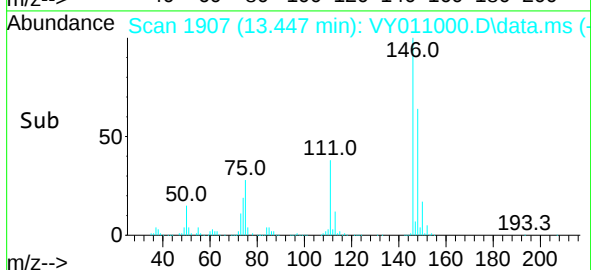
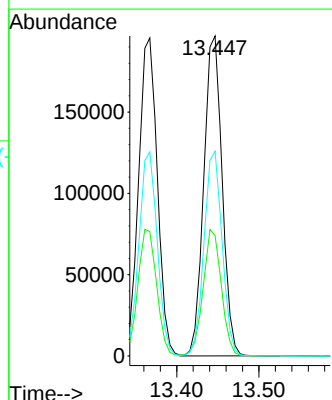
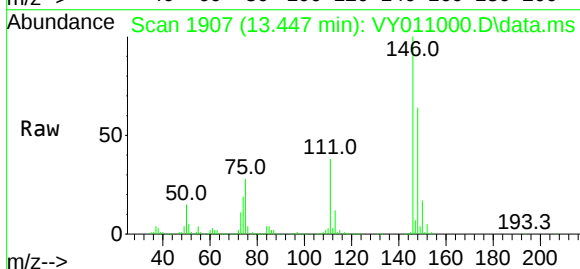
Tgt Ion:146 Resp: 305040

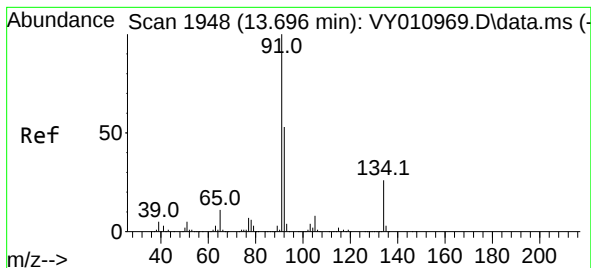
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 51.992 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

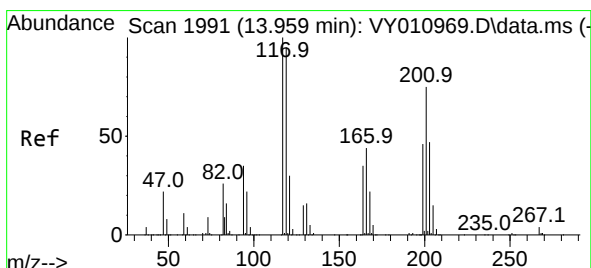
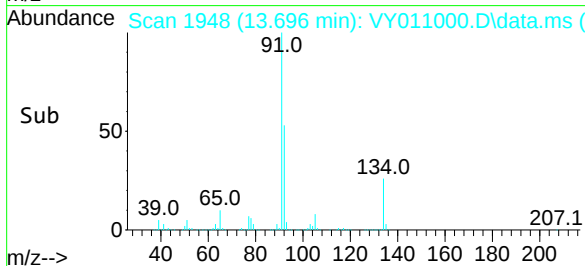
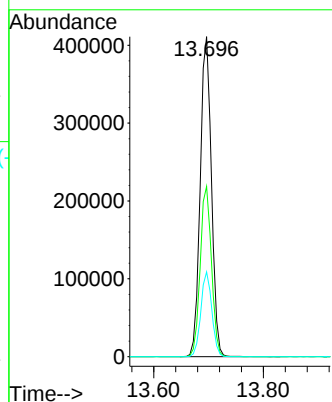
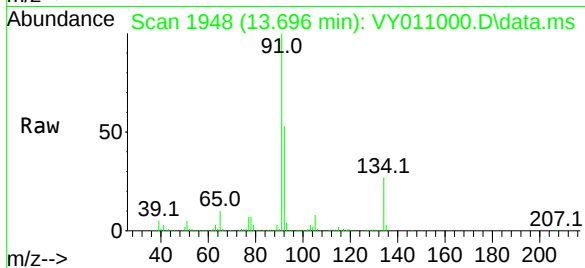
Tgt Ion: 91 Resp: 583977

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 50.008 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011000.D

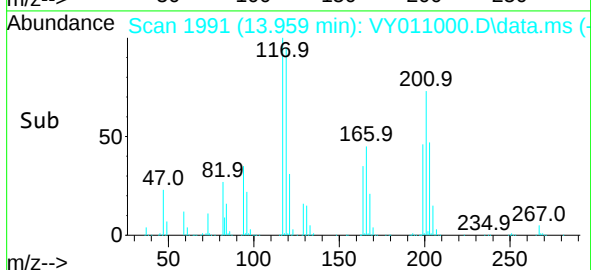
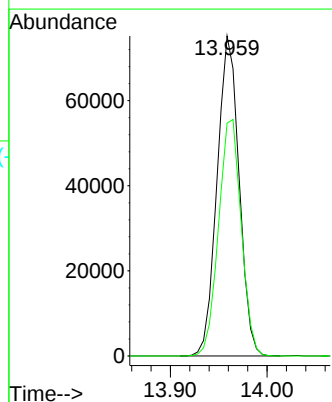
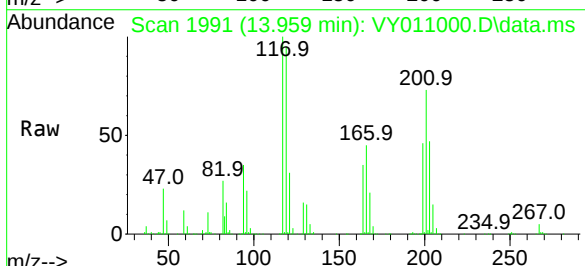
Acq: 18 Oct 2022 17:30

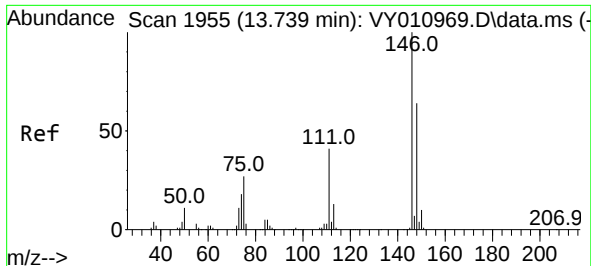
Tgt Ion: 117 Resp: 118626

Ion Ratio Lower Upper

117 100

201 76.3 43.0 128.8

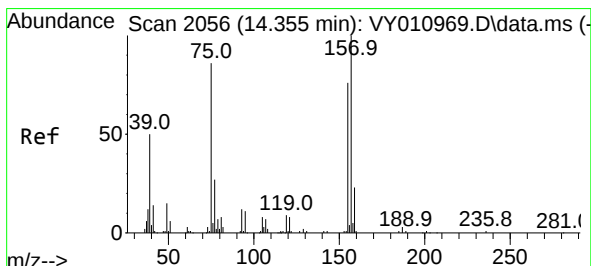
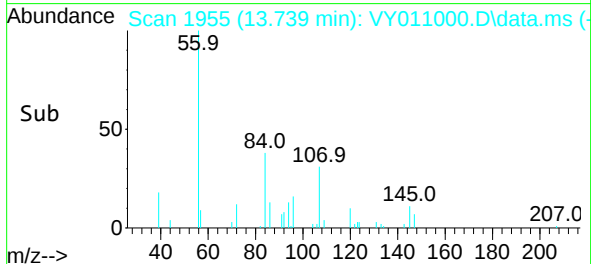
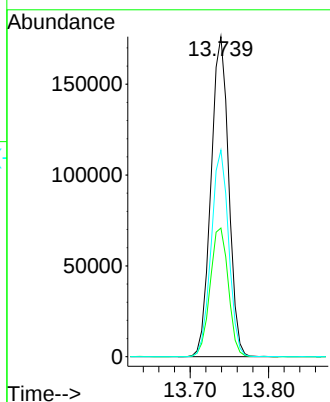
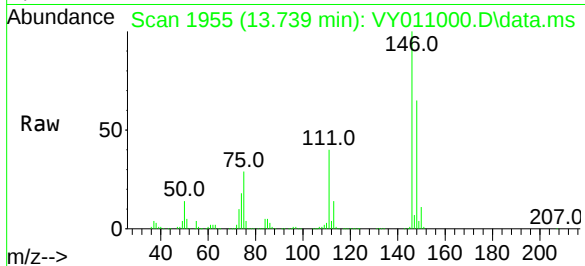




#91
1,2-Dichlorobenzene
Concen: 49.547 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

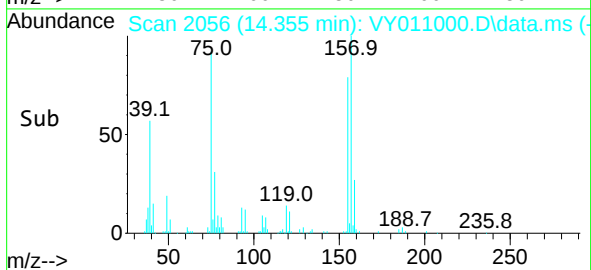
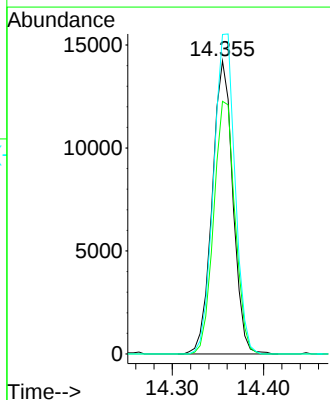
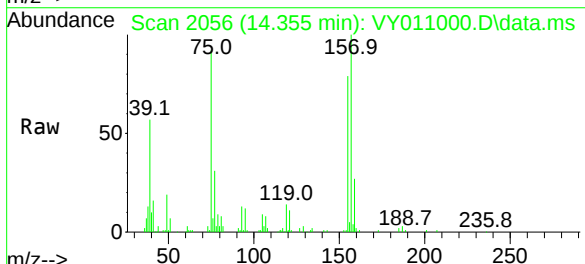
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

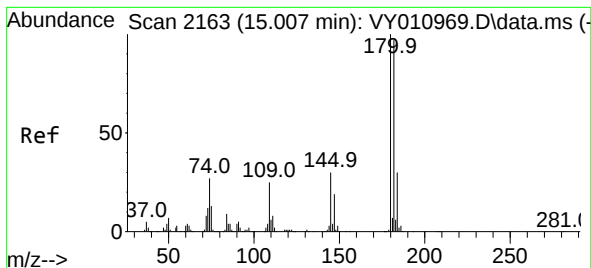
Tgt Ion:146 Resp: 276364
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.210 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011000.D
Acq: 18 Oct 2022 17:30

Tgt Ion: 75 Resp: 22356
Ion Ratio Lower Upper
75 100
155 88.5 38.0 113.9
157 113.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.321 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

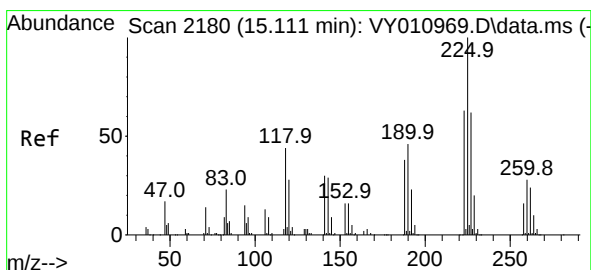
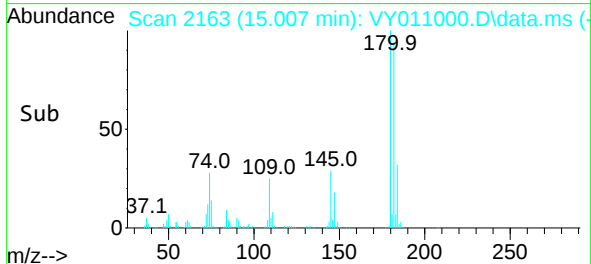
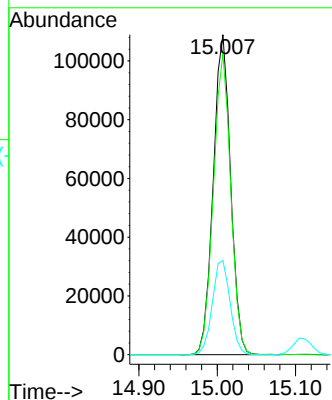
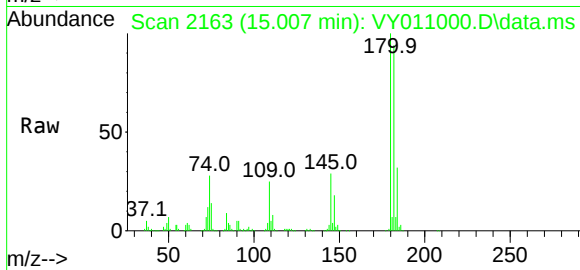
Tgt Ion:180 Resp: 167749

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.762 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

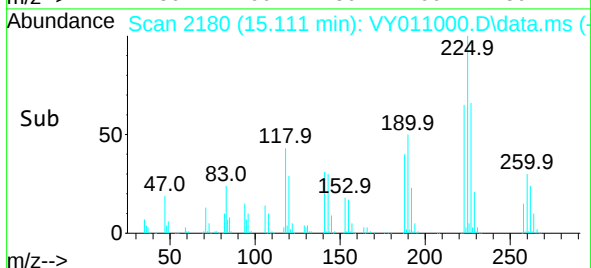
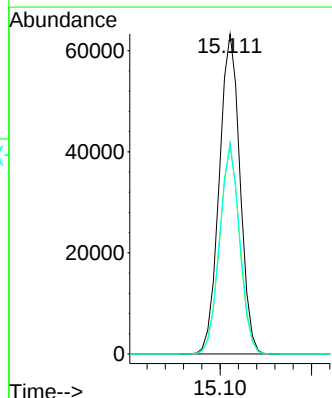
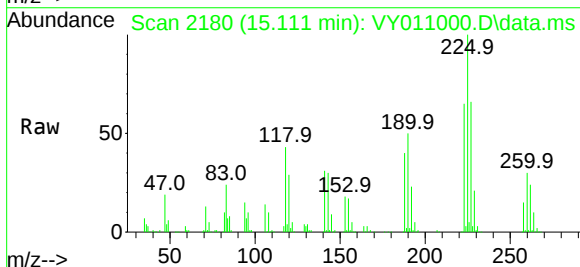
Tgt Ion:225 Resp: 99607

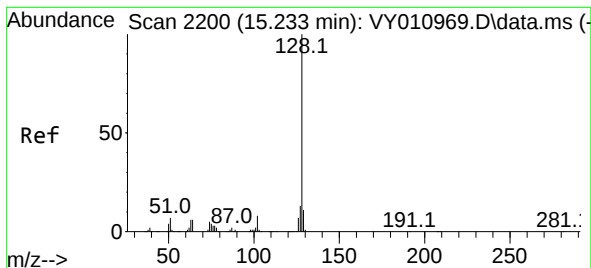
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 52.416 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

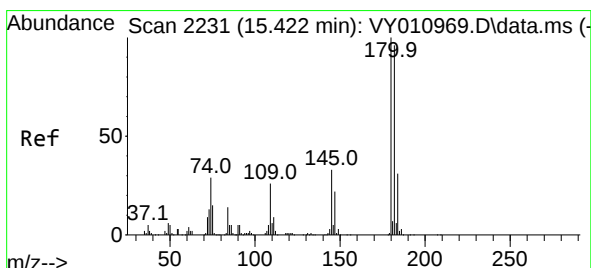
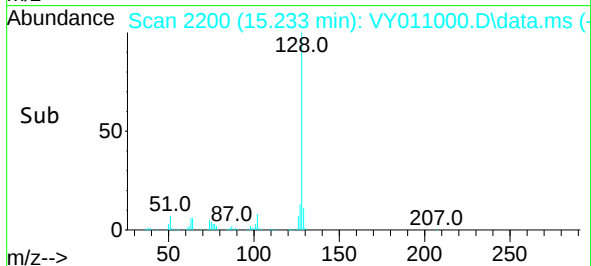
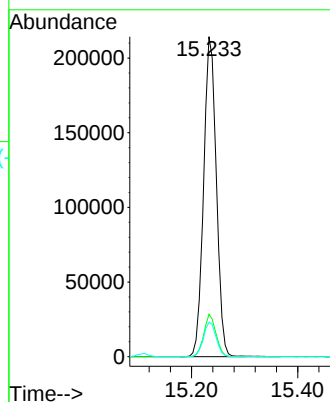
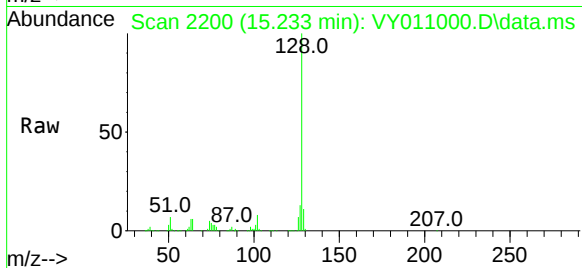
Tgt Ion:128 Resp: 355850

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.753 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011000.D

Acq: 18 Oct 2022 17:30

Tgt Ion:180 Resp: 147601

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.9

145 31.6 15.3 45.9

