

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014686.D
 Acq On : 17 Jul 2023 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 18 06:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	148736	56.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.860%	
35) Dibromofluoromethane	7.716	113	134142	54.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	483251	53.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.483	95	181290	51.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	92701	49.629	ug/l	99
3) Chloromethane	2.113	50	125157	59.608	ug/l	96
4) Vinyl Chloride	2.247	62	143694	61.235	ug/l	98
5) Bromomethane	2.637	94	104645	67.480	ug/l	98
6) Chloroethane	2.784	64	95519	65.166	ug/l	97
7) Trichlorofluoromethane	3.119	101	213690	54.221	ug/l	99
8) Diethyl Ether	3.528	74	85336	58.195	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	127422	52.749	ug/l	96
10) Methyl Iodide	4.082	142	144152	55.995	ug/l	96
11) Tert butyl alcohol	4.954	59	178716	346.219	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	121281	53.719	ug/l	90
13) Acrolein	3.729	56	42224	154.629	ug/l	100
14) Allyl chloride	4.473	41	203056	50.654	ug/l	96
15) Acrylonitrile	5.155	53	264566	327.186	ug/l	98
16) Acetone	3.942	43	216617	261.647	ug/l	95
17) Carbon Disulfide	4.192	76	321734	49.775	ug/l	98
18) Methyl Acetate	4.479	43	234159	73.703	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	440944	60.125	ug/l	100
20) Methylene Chloride	4.710	84	160034	60.380	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	139810	54.568	ug/l	99
22) Diisopropyl ether	6.119	45	467422	57.353	ug/l	91
23) Vinyl Acetate	6.058	43	1341958	275.150	ug/l	95
24) 1,1-Dichloroethane	6.015	63	257004	55.112	ug/l	97
25) 2-Butanone	6.984	43	378810	312.754	ug/l	93
26) 2,2-Dichloropropane	6.978	77	206101	46.373	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	169455	56.820	ug/l	95
28) Bromochloromethane	7.332	49	114470	56.996	ug/l	93
29) Tetrahydrofuran	7.344	42	255525	342.616	ug/l	91
30) Chloroform	7.502	83	280321	58.293	ug/l	95
31) Cyclohexane	7.783	56	211758	48.827	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	242346	55.995	ug/l	98
36) 1,1-Dichloropropene	7.917	75	199840	54.128	ug/l	99
37) Ethyl Acetate	7.070	43	161198	63.416	ug/l #	94
38) Carbon Tetrachloride	7.899	117	215617	55.248	ug/l	98
39) Methylcyclohexane	9.179	83	240298	49.959	ug/l	94
40) Benzene	8.161	78	583358	55.557	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	230296	176.141	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	196525	59.103	ug/l	95
43) Isopropyl Acetate	8.271	43	298507	61.648	ug/l	97
44) Trichloroethene	8.941	130	165015	56.169	ug/l	97
45) 1,2-Dichloropropane	9.216	63	150647	54.944	ug/l	98
46) Dibromomethane	9.307	93	98597	59.277	ug/l	97
47) Bromodichloromethane	9.496	83	226632	57.810	ug/l	99
48) Methyl methacrylate	9.289	41	132387	60.761	ug/l	93
49) 1,4-Dioxane	9.295	88	36826	1357.787	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	841919	331.161	ug/l	94
52) Toluene	10.246	92	374716	55.769	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	234533	54.693	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	254491	54.574	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	140758	60.751	ug/l	97
56) Ethyl methacrylate	10.508	69	213544	60.364	ug/l	90
57) 1,3-Dichloropropane	10.788	76	236389	59.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	481459	292.089	ug/l	94
59) 2-Hexanone	10.831	43	612449	330.339	ug/l	92
60) Dibromochloromethane	10.984	129	170826	60.134	ug/l	100
61) 1,2-Dibromoethane	11.087	107	139606	60.399	ug/l	100
64) Tetrachloroethene	10.721	164	165228	59.033	ug/l	98
65) Chlorobenzene	11.514	112	412421	55.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	161171	57.640	ug/l	98
67) Ethyl Benzene	11.593	91	733416	54.775	ug/l	98
68) m/p-Xylenes	11.703	106	559960	109.556	ug/l	97
69) o-Xylene	12.026	106	275496	55.339	ug/l	99
70) Styrene	12.044	104	469988	56.014	ug/l	98
71) Bromoform	12.209	173	116340	61.383	ug/l #	99
73) Isopropylbenzene	12.331	105	721474	54.187	ug/l	99
74) N-amyl acetate	12.142	43	261994	58.752	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	183732	60.512	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	236242	110.002	ug/l #	100
77) Bromobenzene	12.605	156	174183	57.311	ug/l	95
78) n-propylbenzene	12.672	91	857607	53.453	ug/l	99
79) 2-Chlorotoluene	12.758	91	498294	53.921	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	604613	54.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	61013	55.006	ug/l	93
82) 4-Chlorotoluene	12.855	91	512218	53.819	ug/l	100
83) tert-Butylbenzene	13.075	119	531377	53.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	596851	54.694	ug/l	100
85) sec-Butylbenzene	13.251	105	779423	53.866	ug/l	100
86) p-Isopropyltoluene	13.367	119	648190	54.866	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	330013	55.791	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	335105	56.534	ug/l	99
89) n-Butylbenzene	13.696	91	607565	52.860	ug/l	96
90) Hexachloroethane	13.959	117	130587	53.815	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	309489	57.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36948	63.631	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	191190	55.574	ug/l	98
94) Hexachlorobutadiene	15.111	225	99615	52.691	ug/l	97
95) Naphthalene	15.233	128	488876	60.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	171866	56.211	ug/l	98

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VSTDCCC050EC

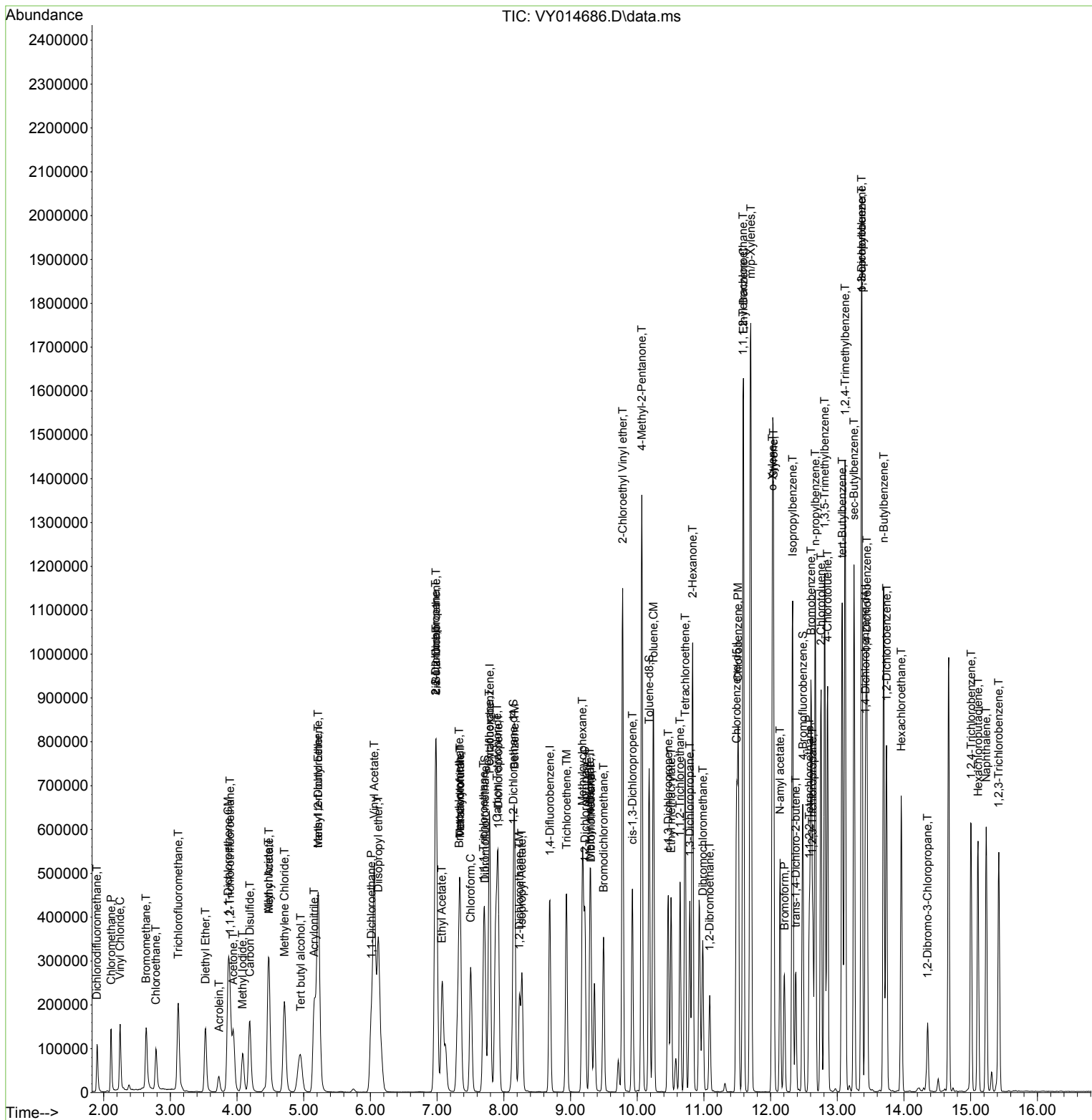
Quant Time: Jul 18 06:15:52 2023
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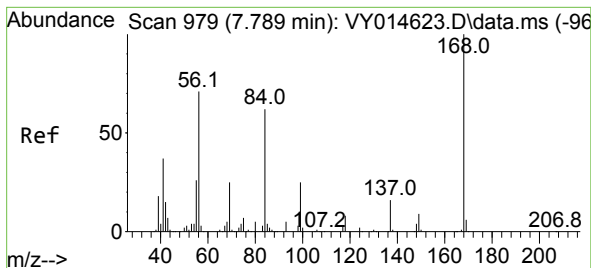
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014686.D

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MSVOA_Y

ClientSampleId :

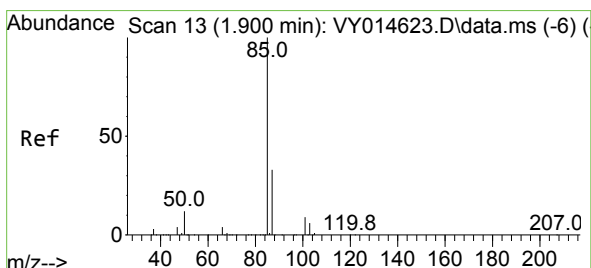
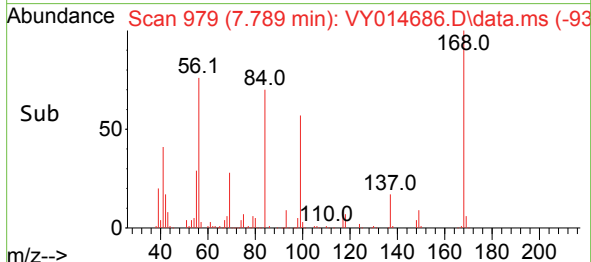
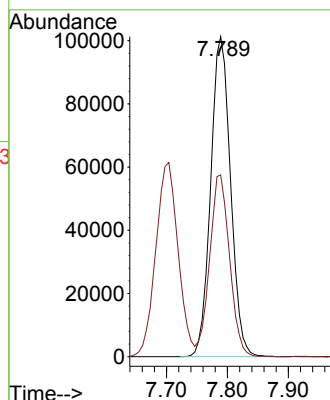
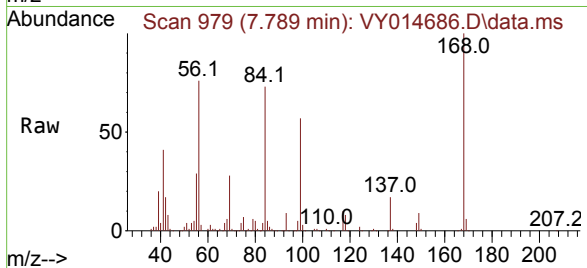
VSTDCCC050EC

Tgt Ion:168 Resp: 229267

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 49.629 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY014686.D

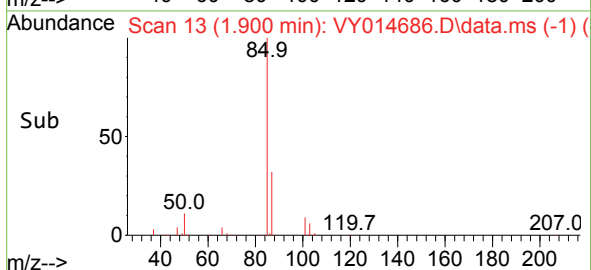
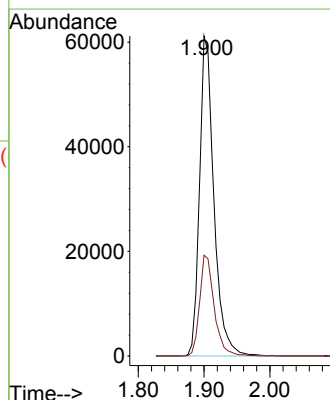
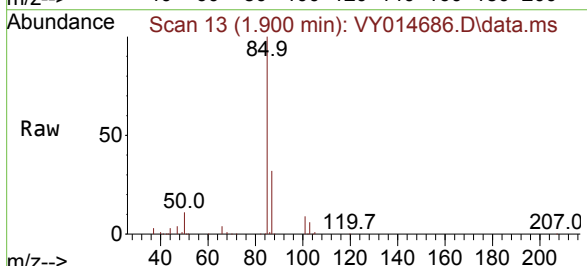
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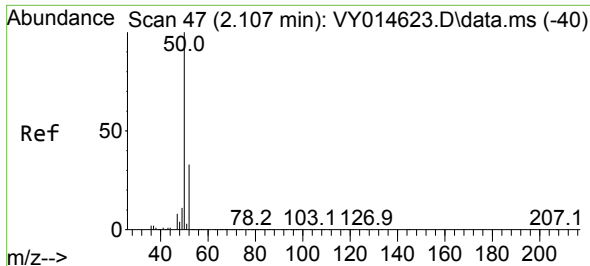
Tgt Ion: 85 Resp: 92701

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8

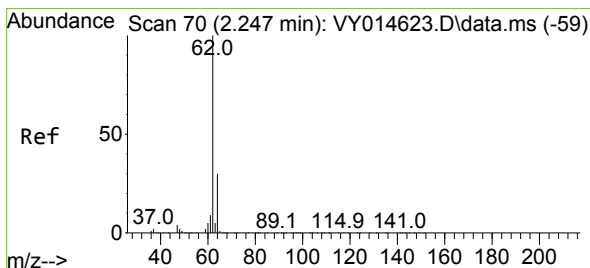
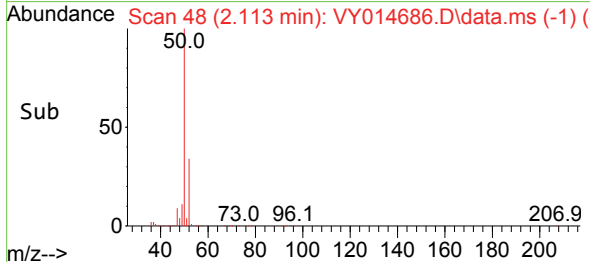
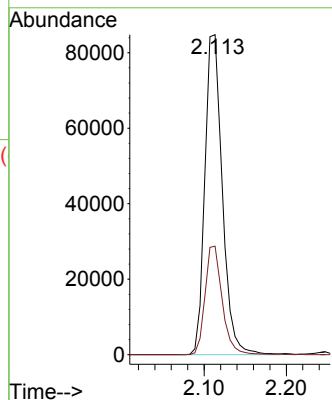
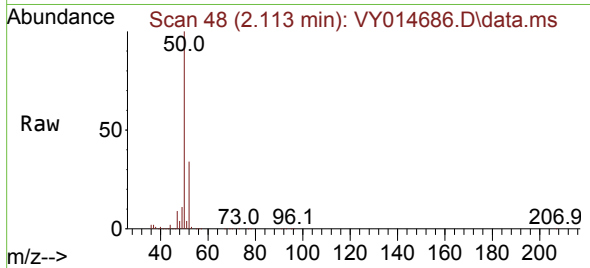




#3
Chloromethane
Concen: 59.608 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014686.D
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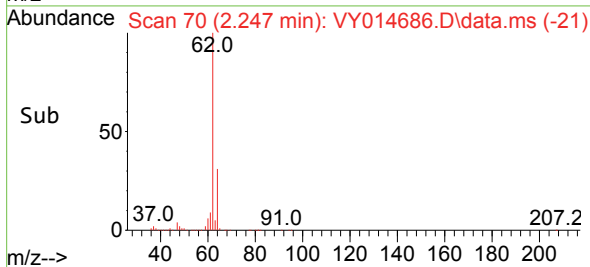
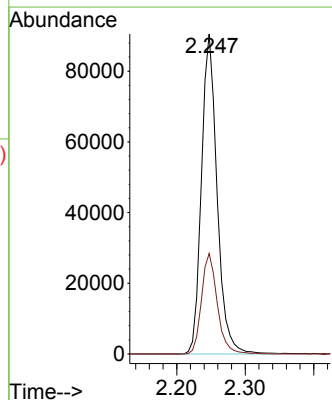
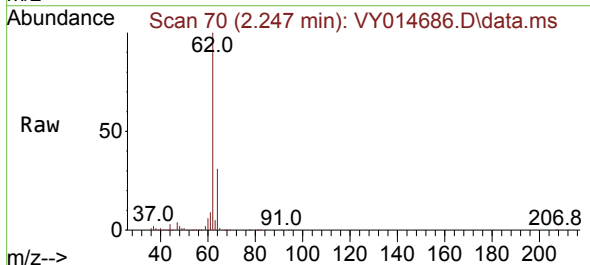
Instrument :
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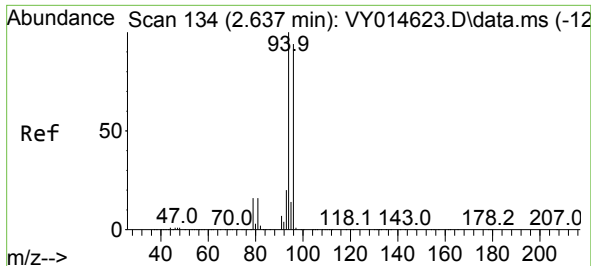
Tgt Ion: 50 Resp: 125157
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 61.235 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 62 Resp: 143694
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

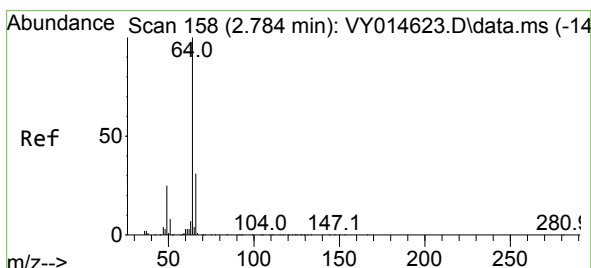
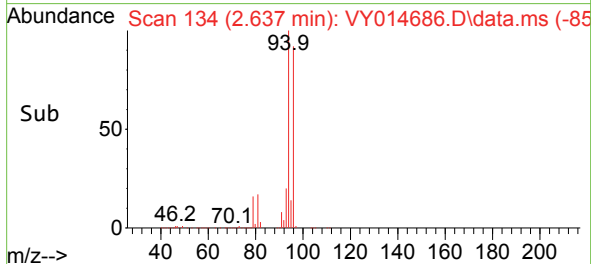
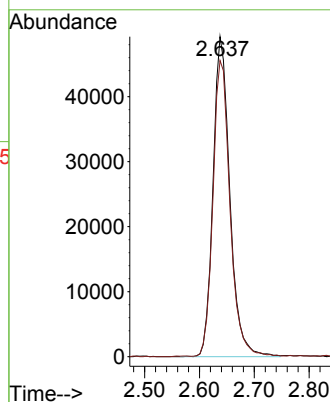
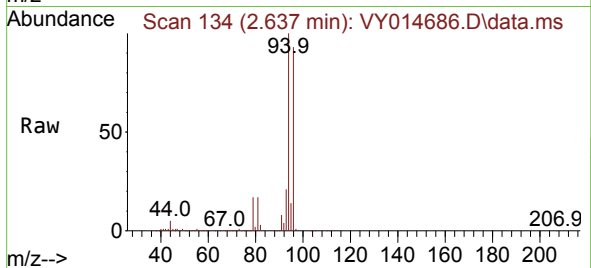




#5
Bromomethane
Concen: 67.480 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

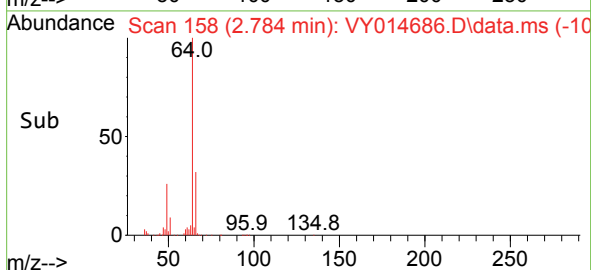
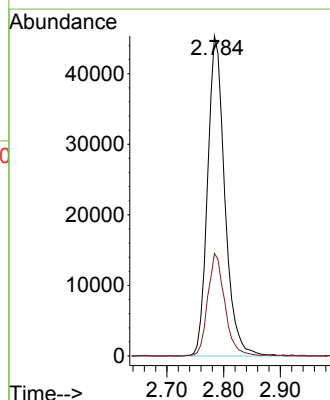
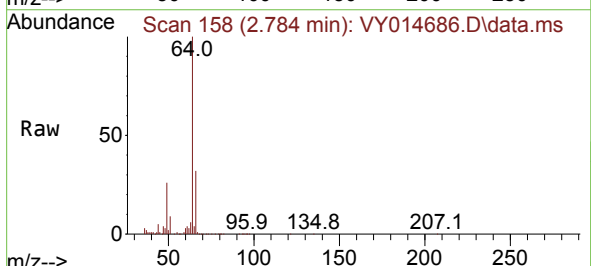
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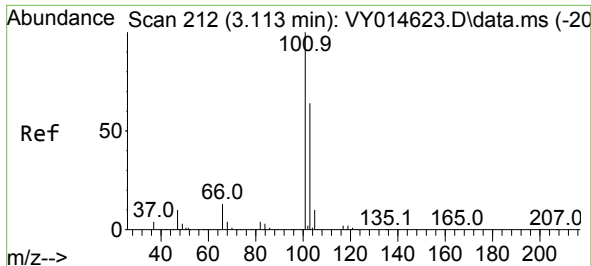
Tgt Ion: 94 Resp: 104645
Ion Ratio Lower Upper
94 100
96 92.4 75.8 113.6



#6
Chloroethane
Concen: 65.166 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 64 Resp: 95519
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

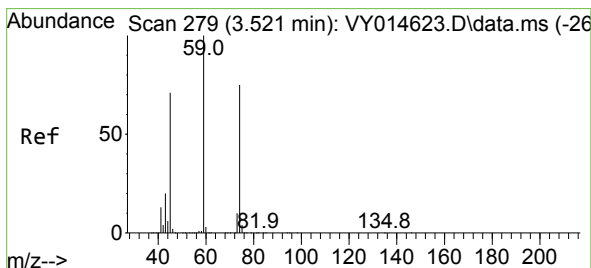
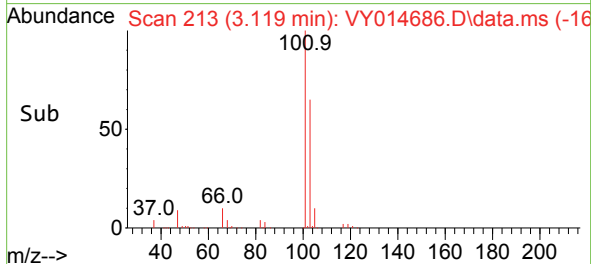
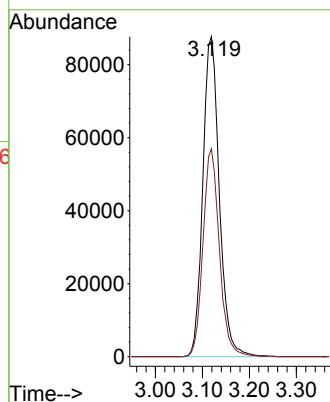
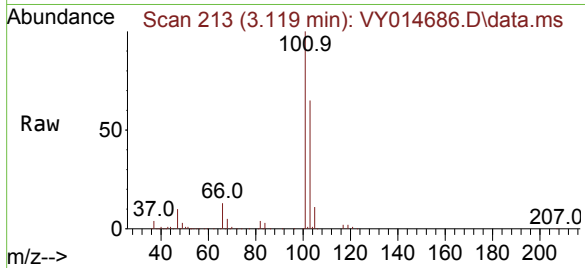




#7
 Trichlorofluoromethane
 Concen: 54.221 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

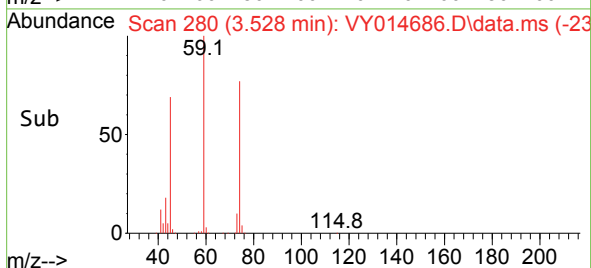
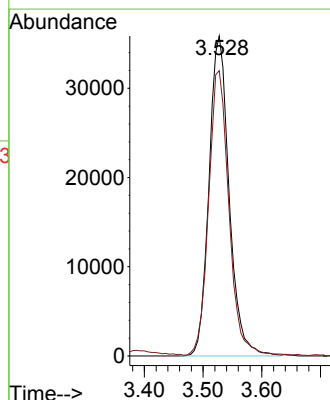
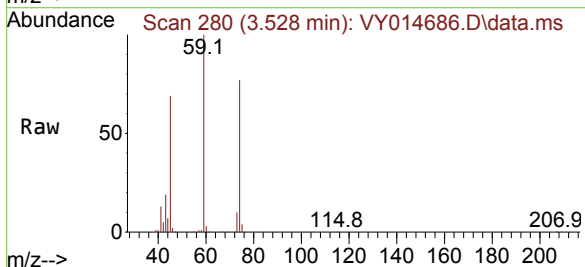
Instrument :
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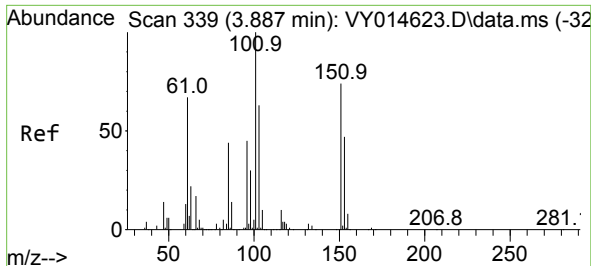
Tgt Ion:101 Resp: 213690
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 58.195 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014686.D
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Tgt Ion: 74 Resp: 85336
 Ion Ratio Lower Upper
 74 100
 45 89.3 51.5 154.5

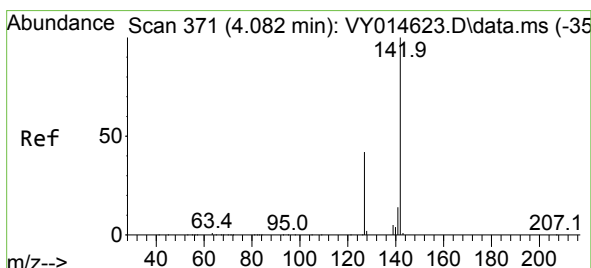
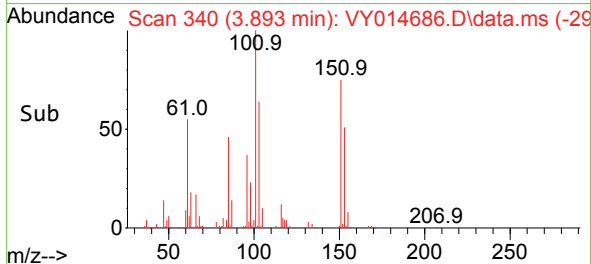
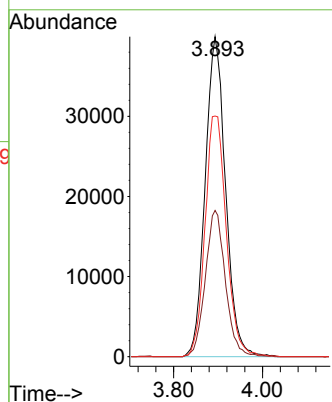
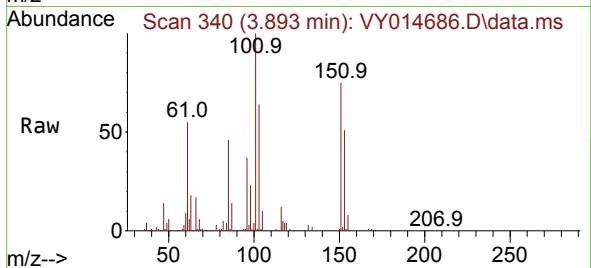




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.749 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

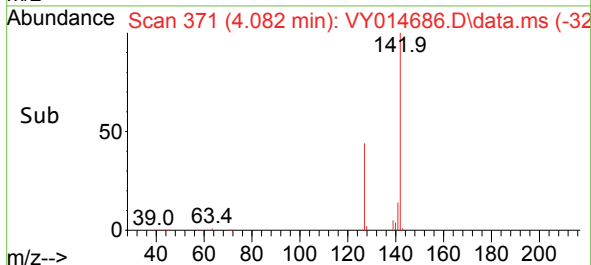
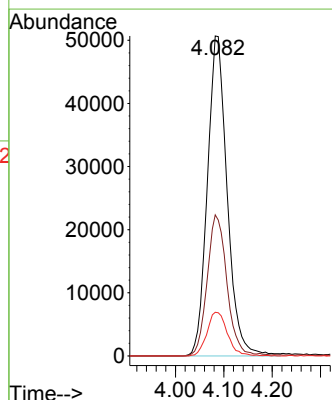
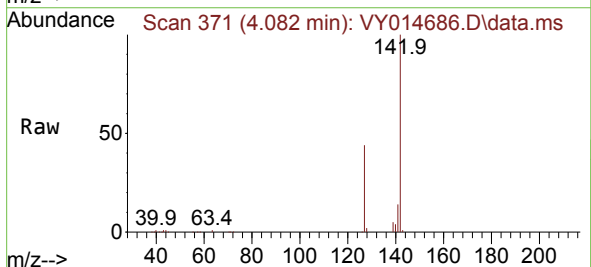
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

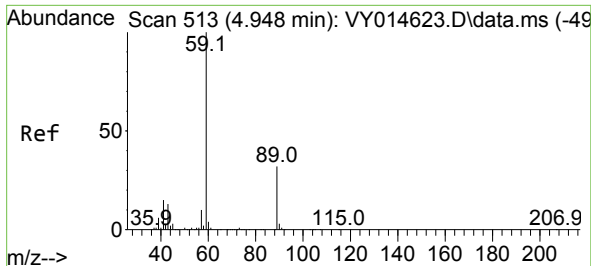
Tgt Ion:101 Resp: 127422
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 55.995 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:142 Resp: 144152
Ion Ratio Lower Upper
142 100
127 43.8 37.6 56.4
141 14.1 11.8 17.8

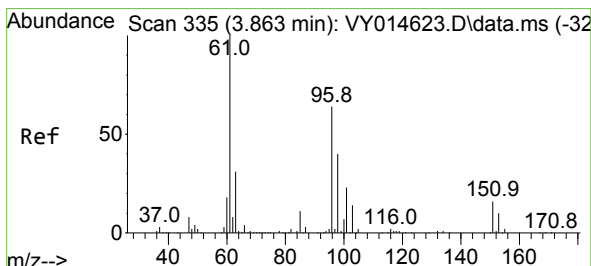
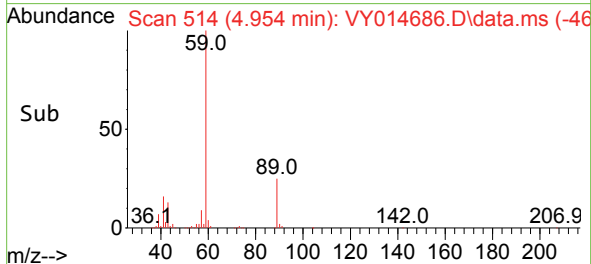
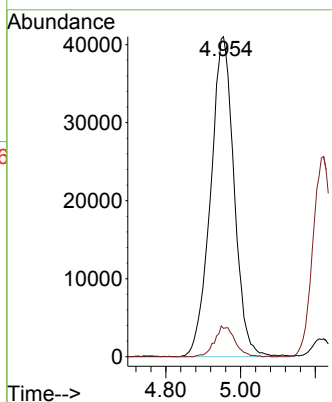
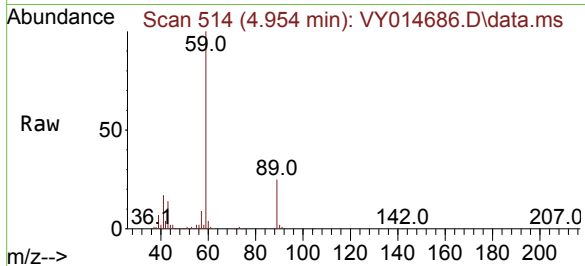




#11
Tert butyl alcohol
Concen: 346.219 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

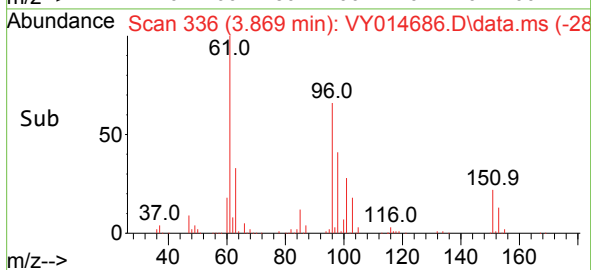
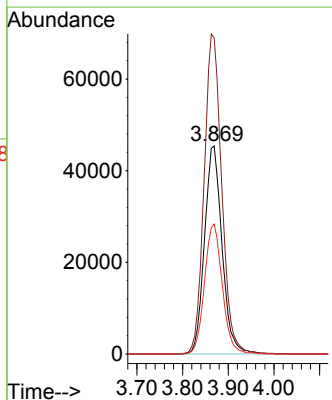
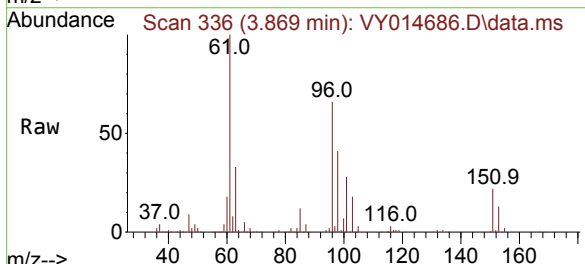
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

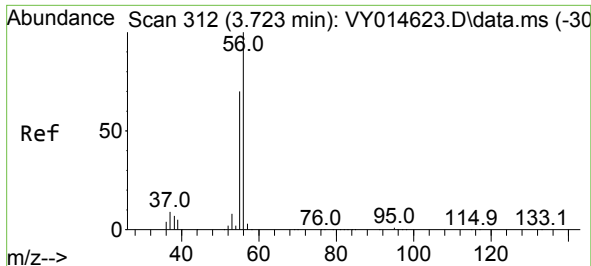
Tgt Ion: 59 Resp: 178716
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.719 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 96 Resp: 121281
Ion Ratio Lower Upper
96 100
61 151.9 136.4 204.6
98 62.5 49.4 74.2

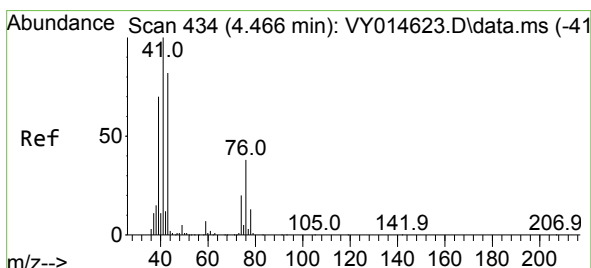
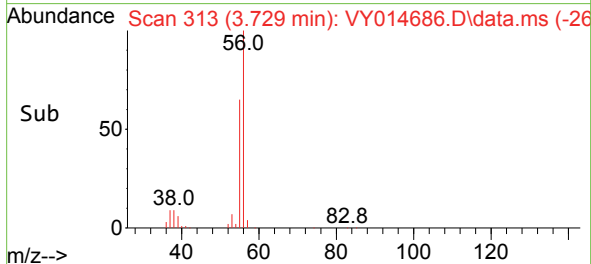
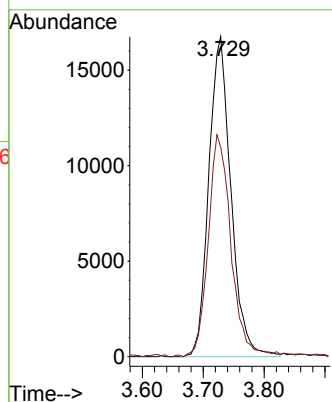
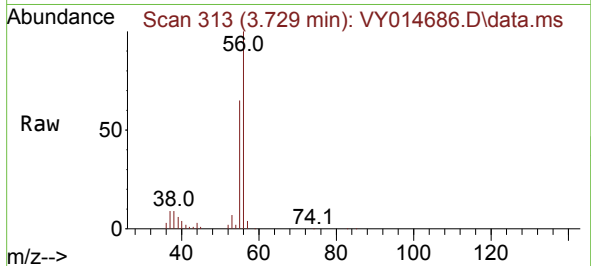




#13
Acrolein
Concen: 154.629 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

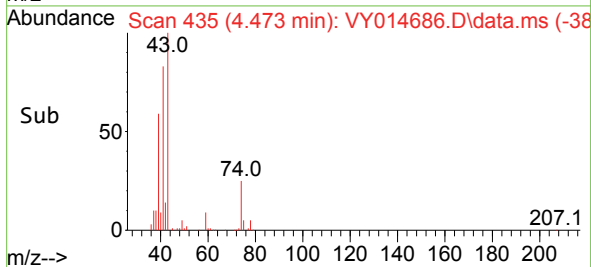
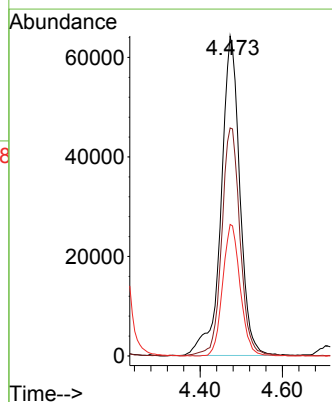
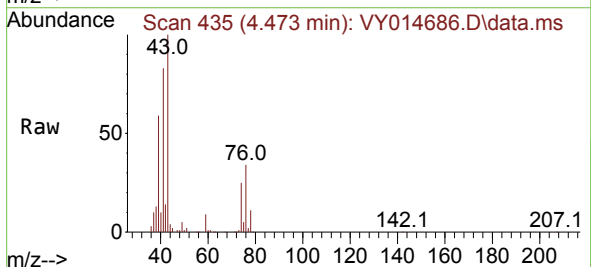
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

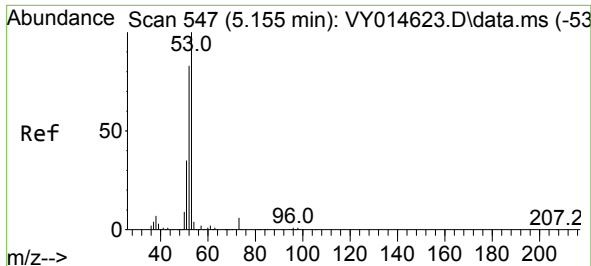
Tgt Ion: 56 Resp: 42224
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4



#14
Allyl chloride
Concen: 50.654 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 41 Resp: 203056
Ion Ratio Lower Upper
41 100
39 70.0 58.0 87.0
76 38.6 27.4 41.2

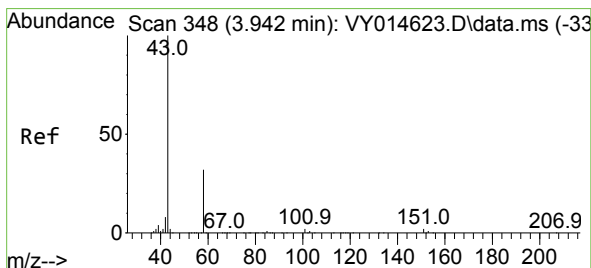
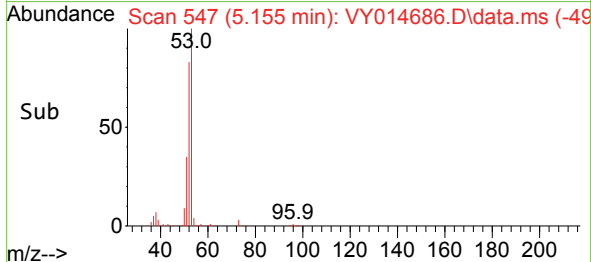
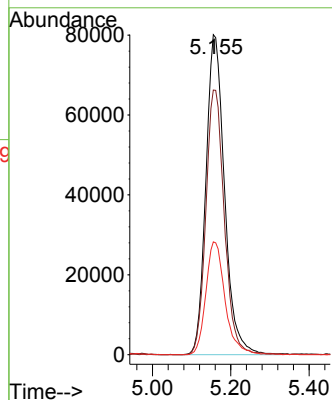
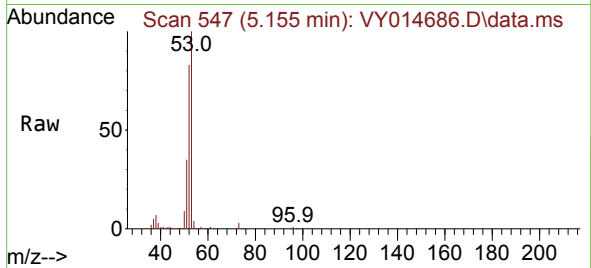




#15
Acrylonitrile
Concen: 327.186 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

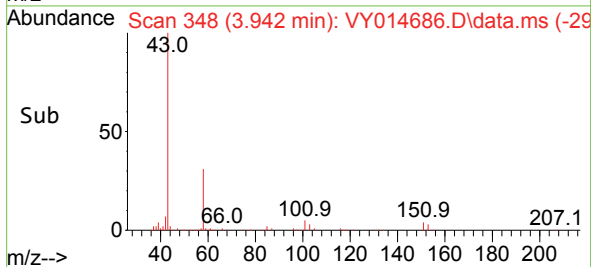
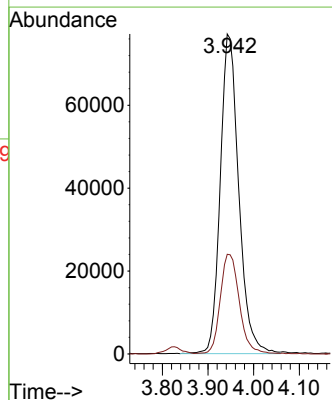
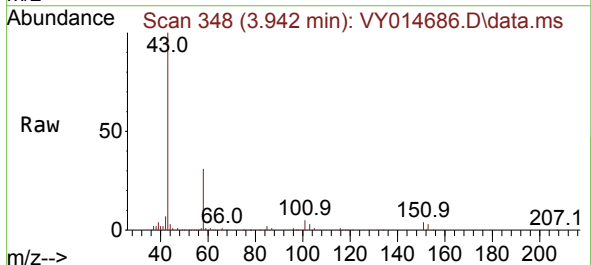
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

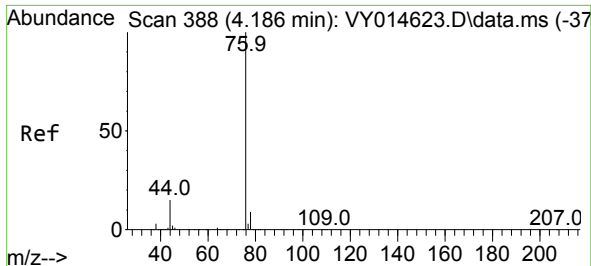
Tgt Ion: 53 Resp: 264566
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 261.647 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 43 Resp: 216617
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

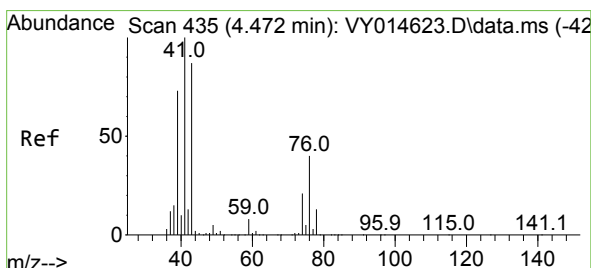
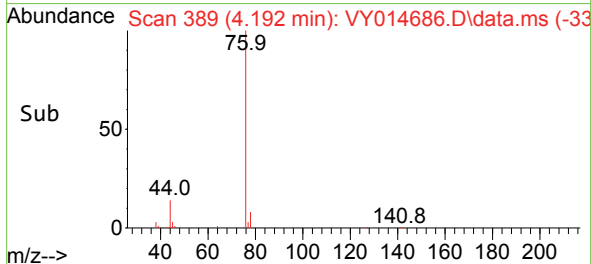
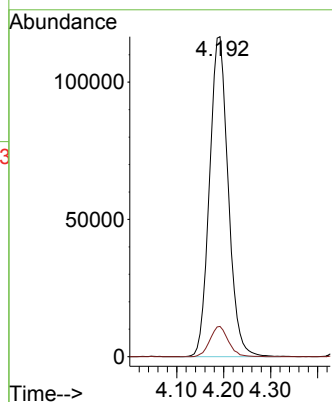
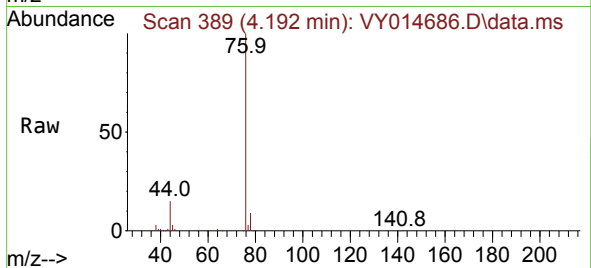




#17
Carbon Disulfide
Concen: 49.775 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

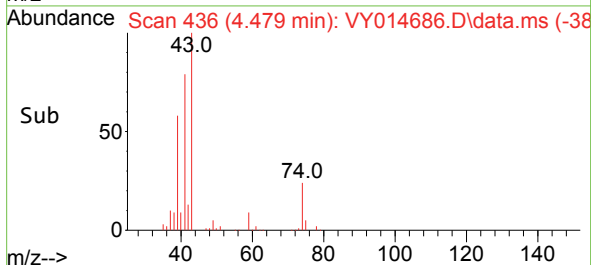
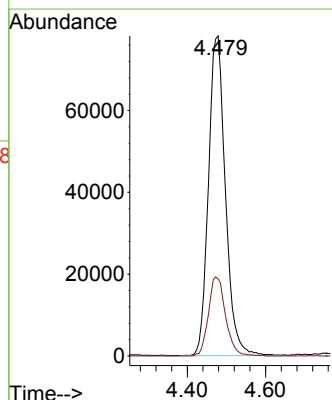
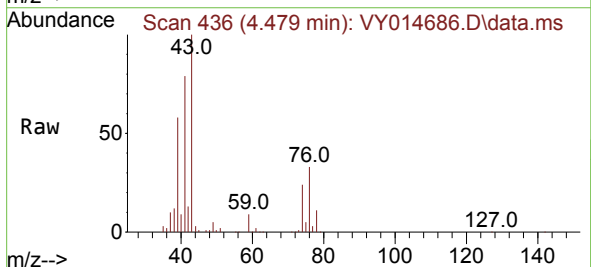
Instrument :
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ClientSampleId :
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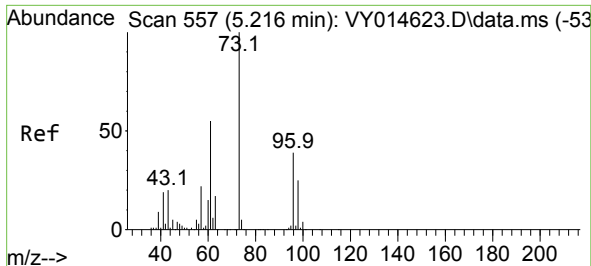
Tgt Ion: 76 Resp: 321734
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 73.703 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 43 Resp: 234159
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

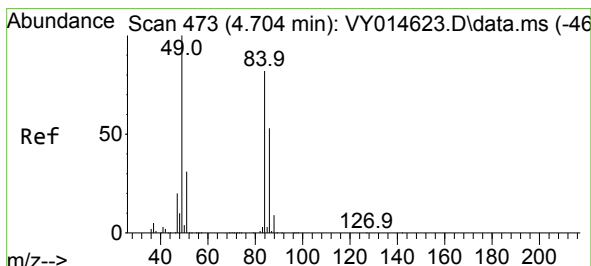
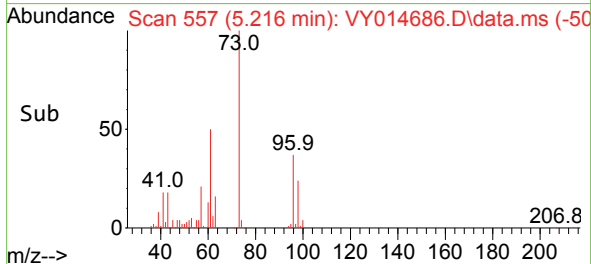
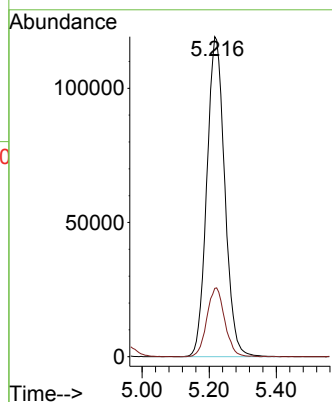
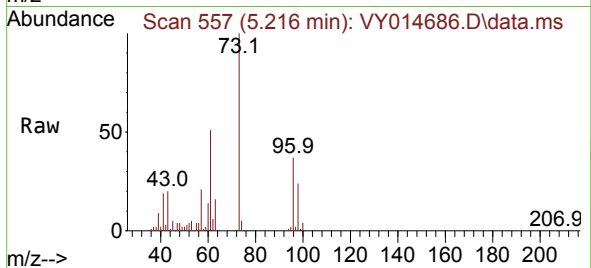




#19
Methyl tert-butyl Ether
Concen: 60.125 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

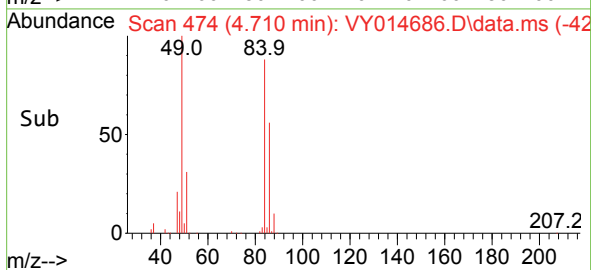
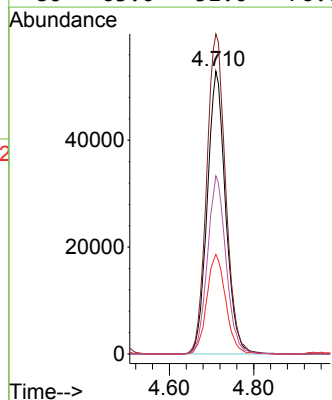
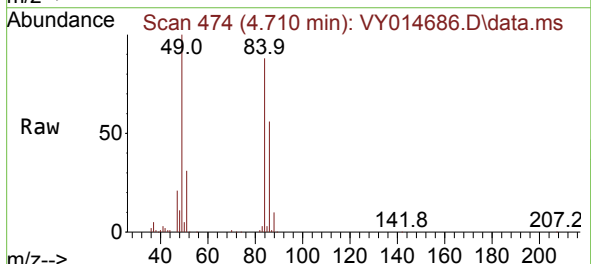
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

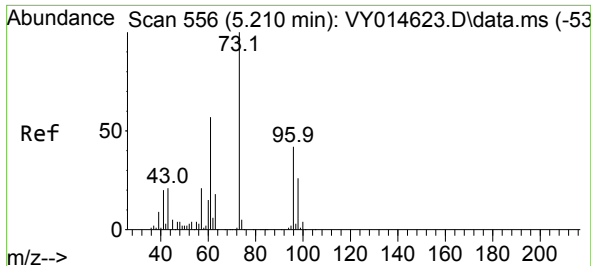
Tgt Ion: 73 Resp: 440944
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 60.380 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 84 Resp: 160034
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 35.2 33.2 49.8
86 63.0 51.0 76.6

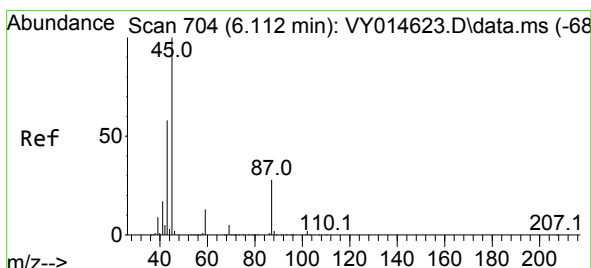
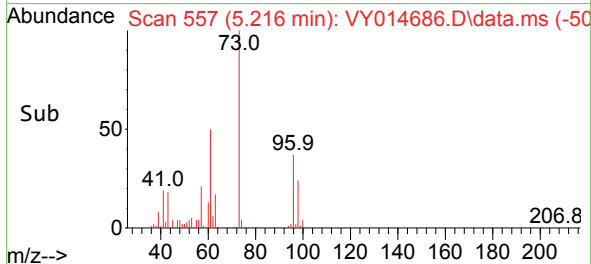
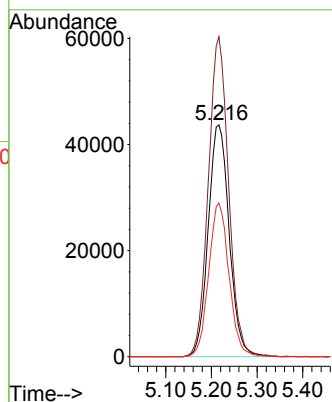
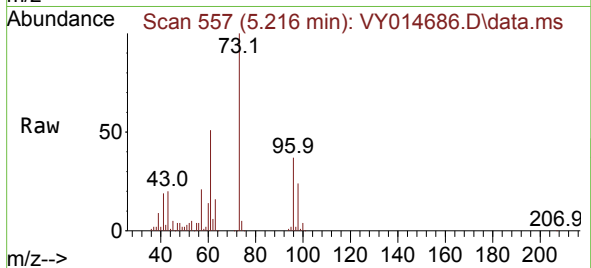




#21
trans-1,2-Dichloroethene
Concen: 54.568 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

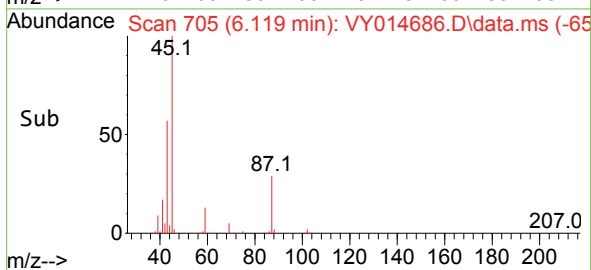
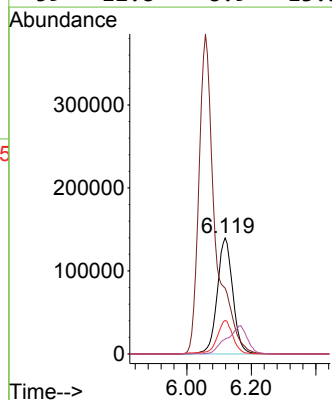
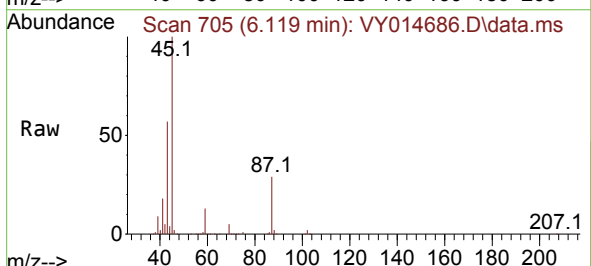
Instrument :
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ClientSampleId :
VSTDCCC050EC

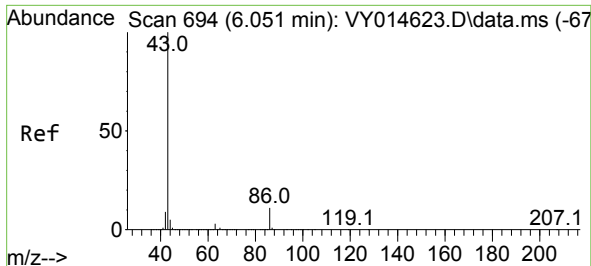
Tgt Ion: 96 Resp: 139810
Ion Ratio Lower Upper
96 100
61 138.0 110.2 165.4
98 66.3 51.8 77.6



#22
Diisopropyl ether
Concen: 57.353 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 45 Resp: 467422
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 29.0 21.0 31.6
59 12.8 8.9 13.3

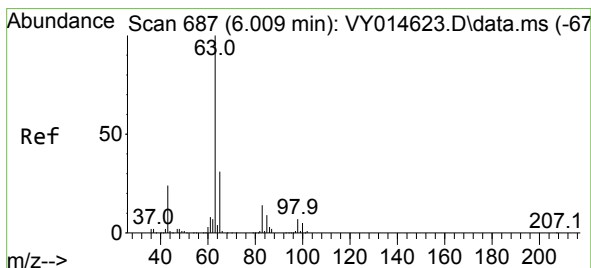
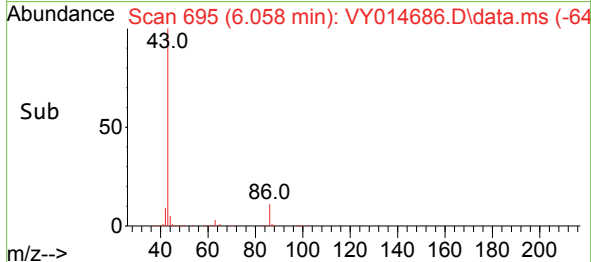
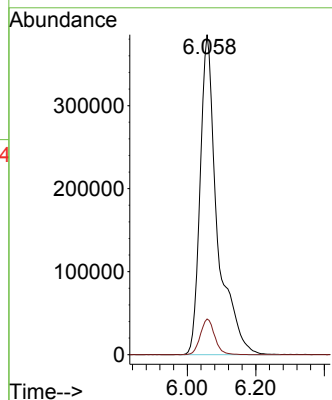
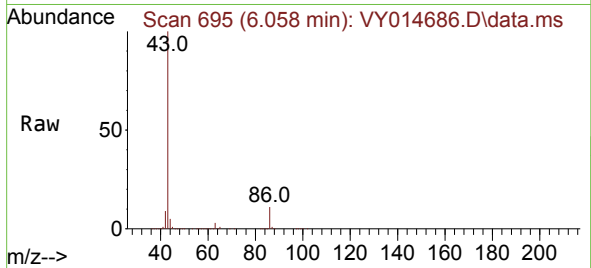




#23
 Vinyl Acetate
 Concen: 275.150 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

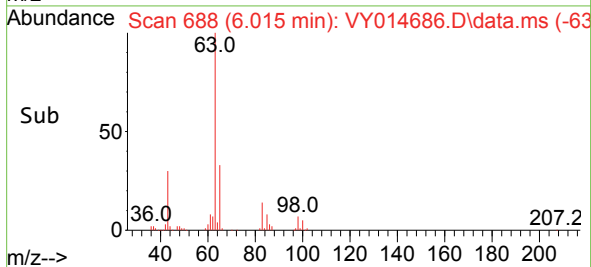
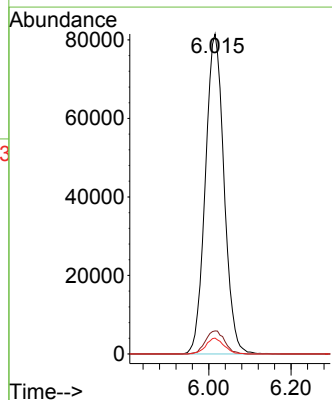
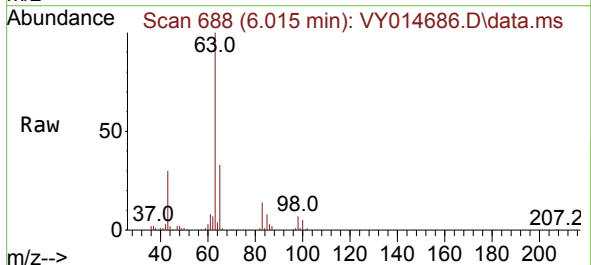
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

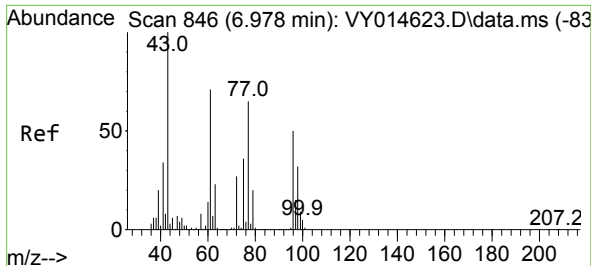
Tgt Ion: 43 Resp: 1341958
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.112 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

Tgt Ion: 63 Resp: 257004
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5

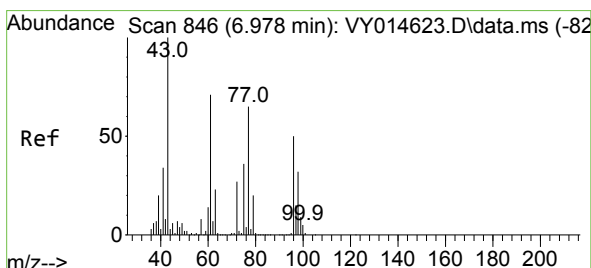
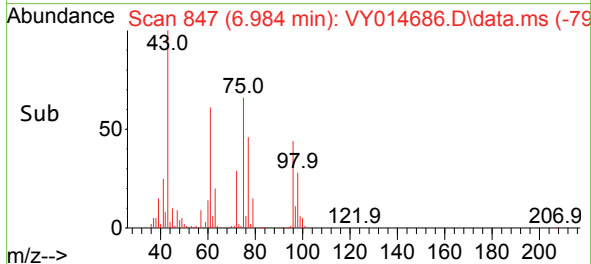
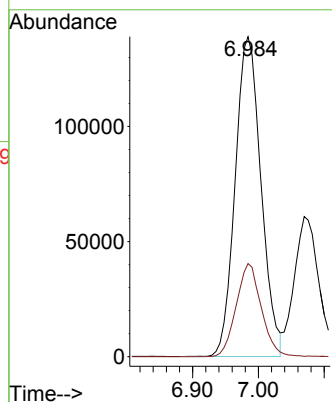
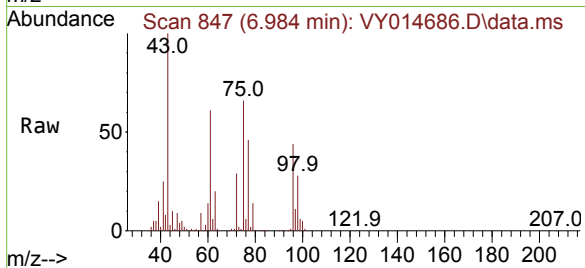




#25
2-Butanone
Concen: 312.754 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

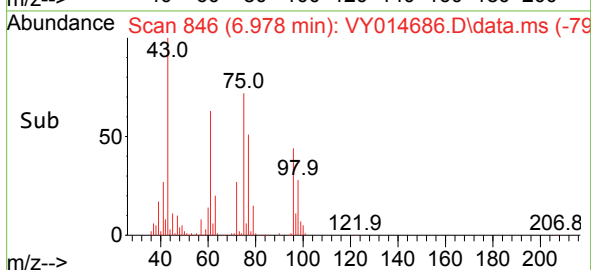
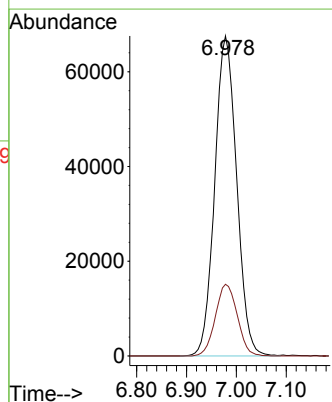
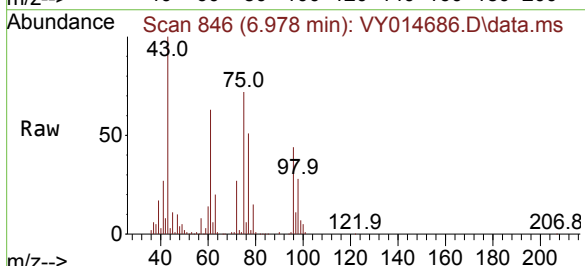
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

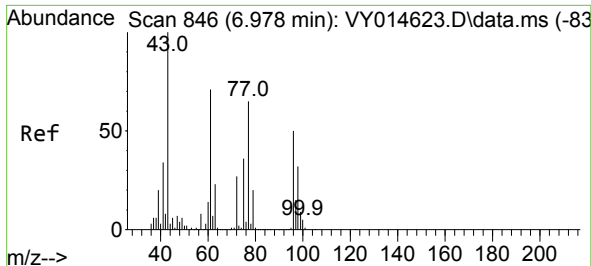
Tgt Ion: 43 Resp: 378810
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.373 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 77 Resp: 206101
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.820 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

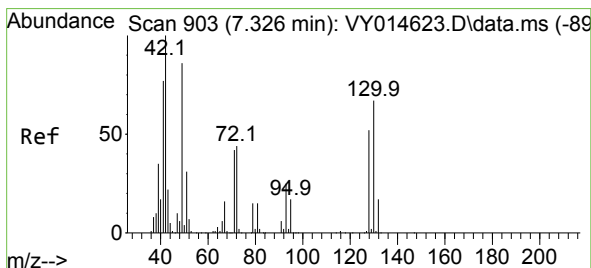
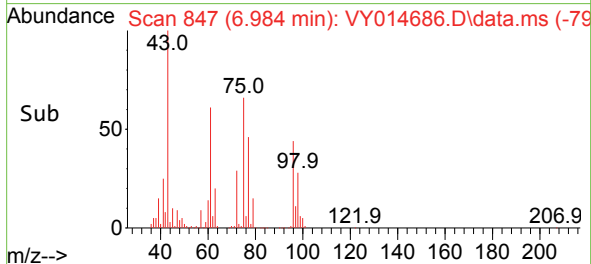
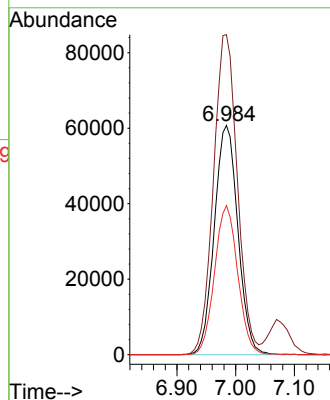
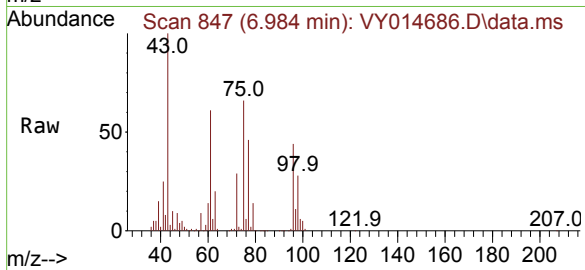
Tgt Ion: 96 Resp: 169455

Ion Ratio Lower Upper

96 100

61 141.6 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 56.996 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

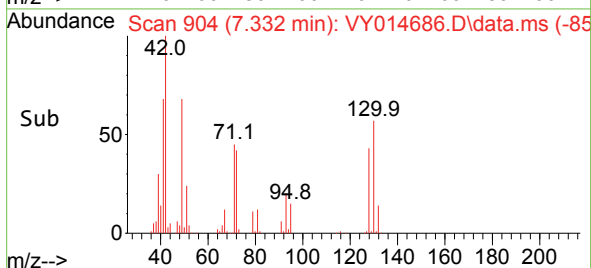
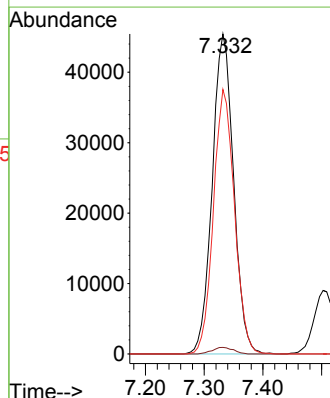
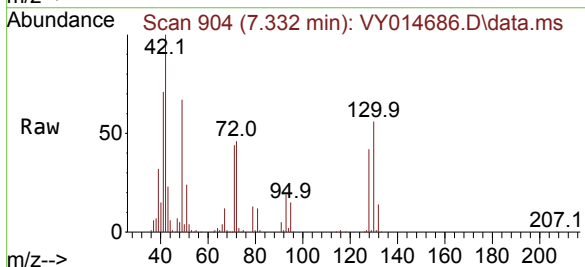
Tgt Ion: 49 Resp: 114470

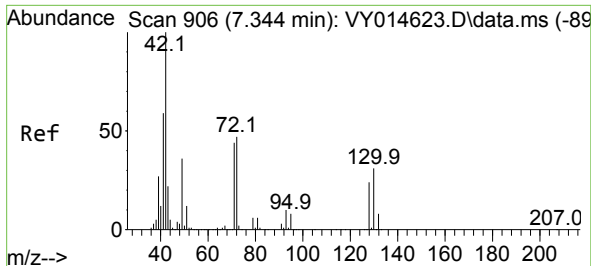
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.6 60.7 91.1

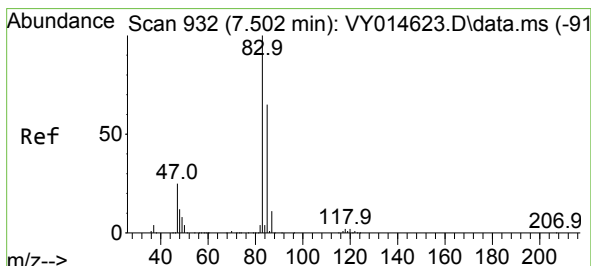
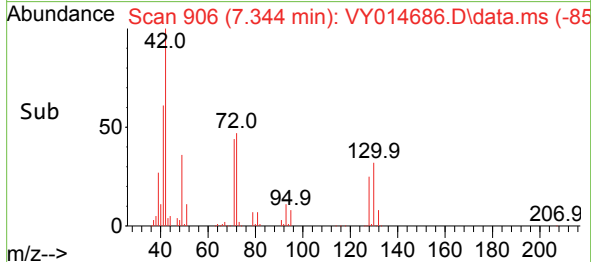
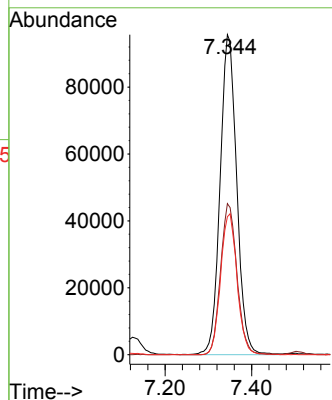
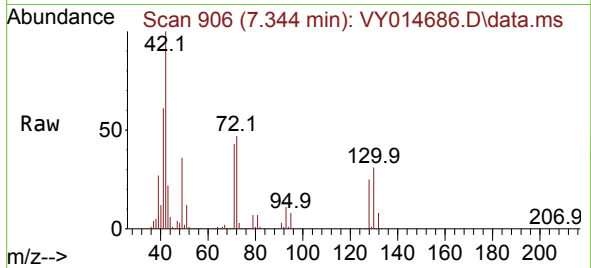




#29
Tetrahydrofuran
Concen: 342.616 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

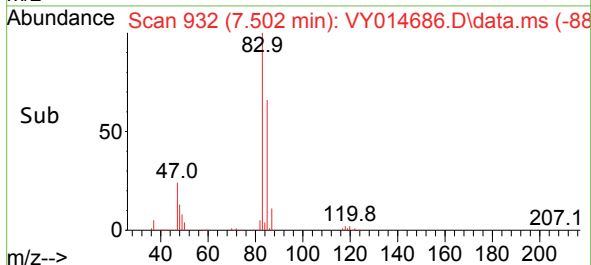
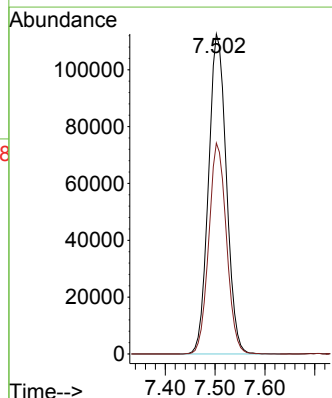
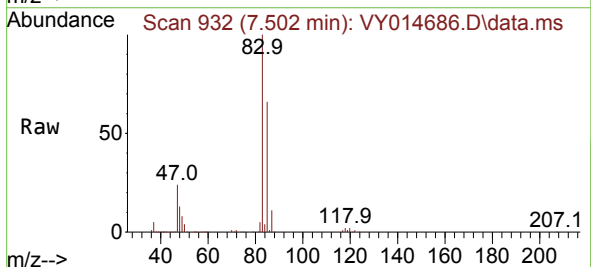
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

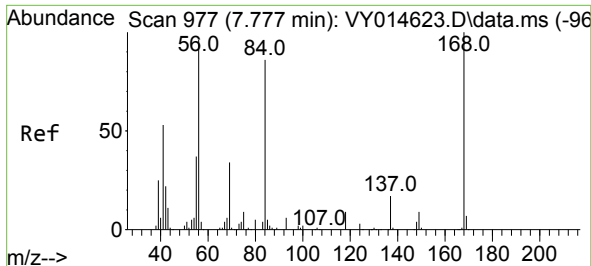
Tgt Ion: 42 Resp: 255525
Ion Ratio Lower Upper
42 100
72 46.6 32.8 49.2
71 43.6 31.0 46.4



#30
Chloroform
Concen: 58.293 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 83 Resp: 280321
Ion Ratio Lower Upper
83 100
85 65.9 49.7 74.5

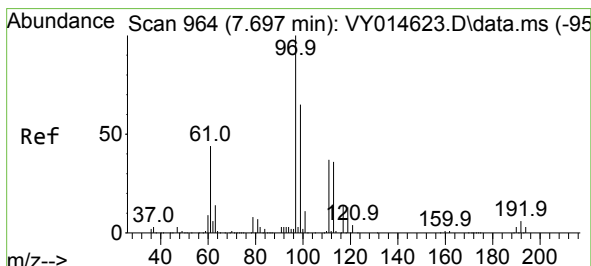
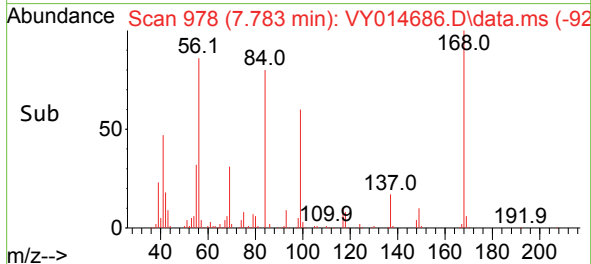
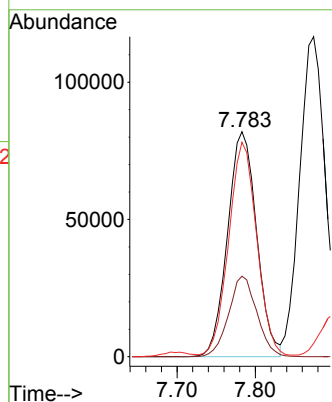
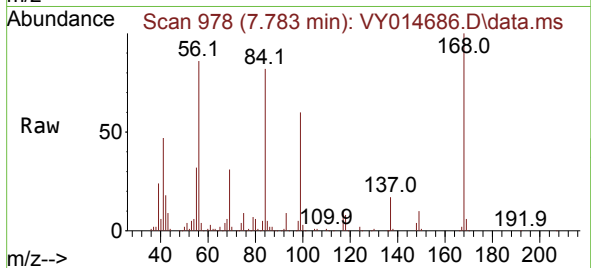




#31
Cyclohexane
Concen: 48.827 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

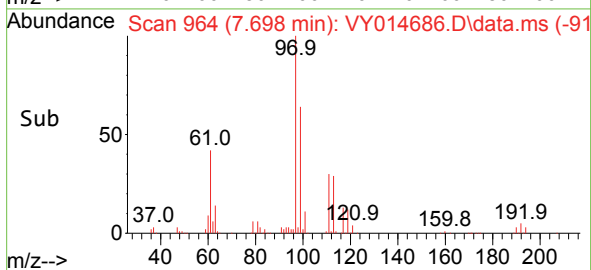
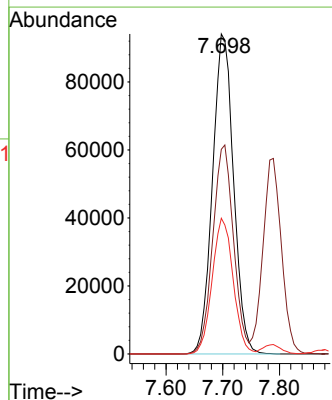
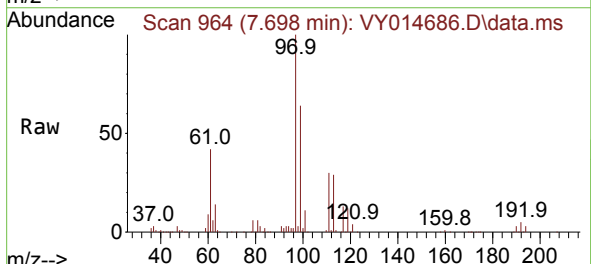
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

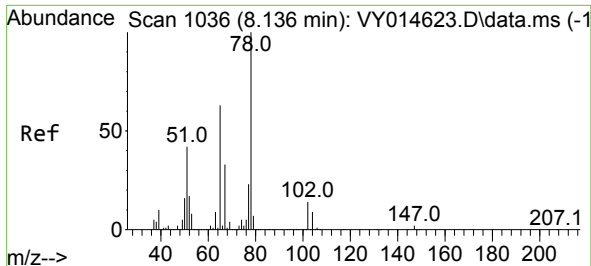
Tgt Ion: 56 Resp: 211758
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 55.995 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 97 Resp: 242346
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.931 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

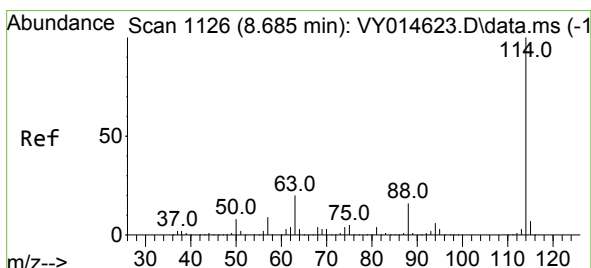
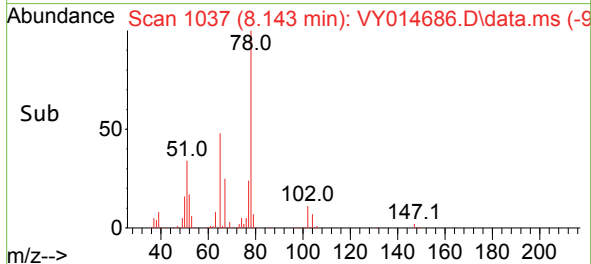
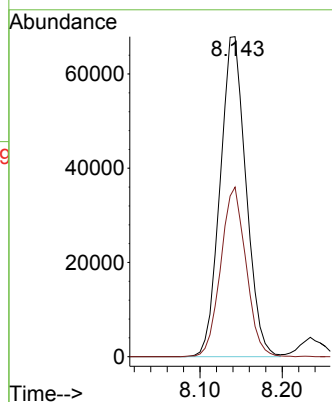
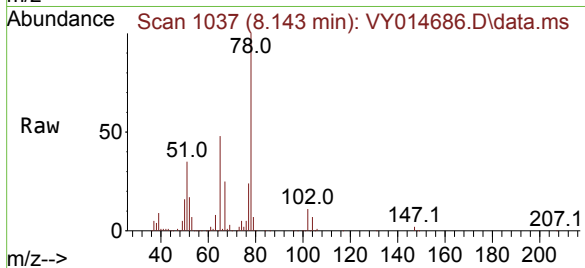
VSTDCCC050EC

Tgt Ion: 65 Resp: 148736

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

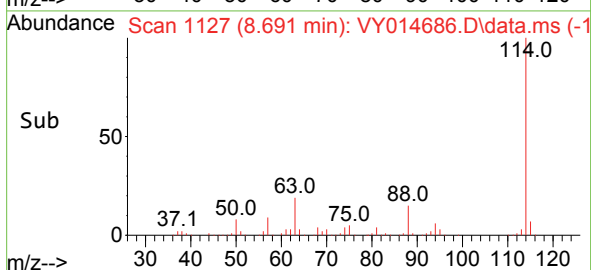
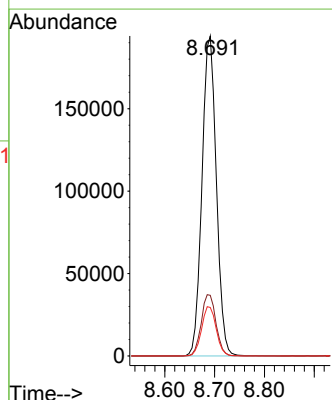
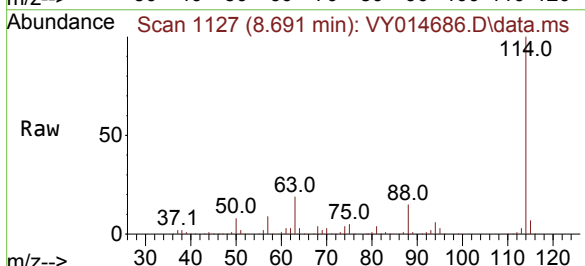
Tgt Ion: 114 Resp: 387820

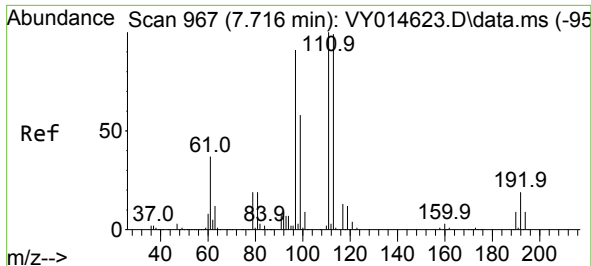
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6

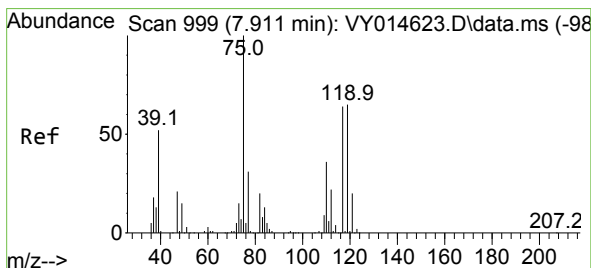
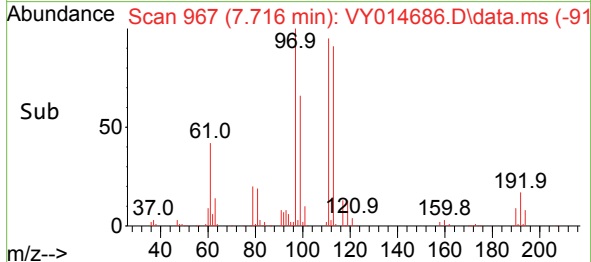
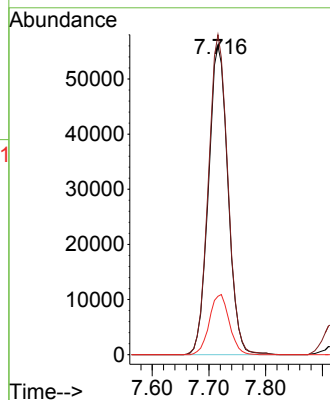
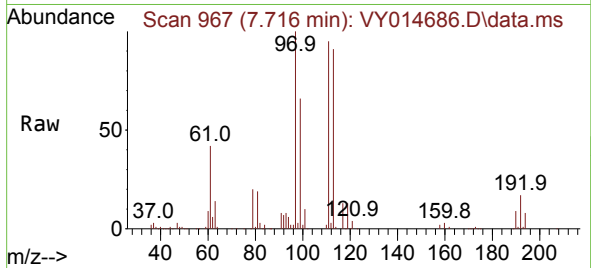




#35
Dibromofluoromethane
Concen: 54.336 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

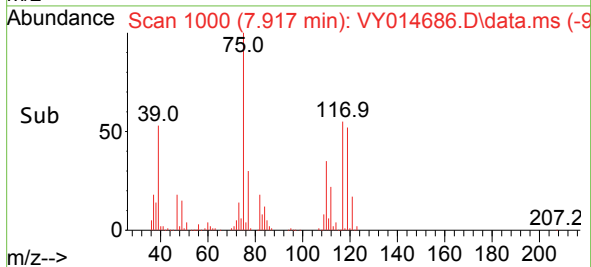
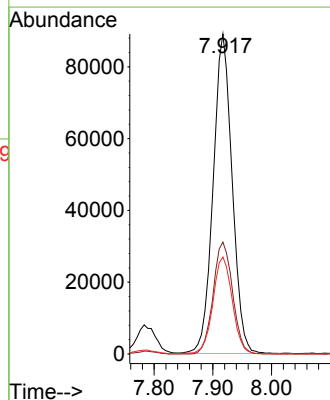
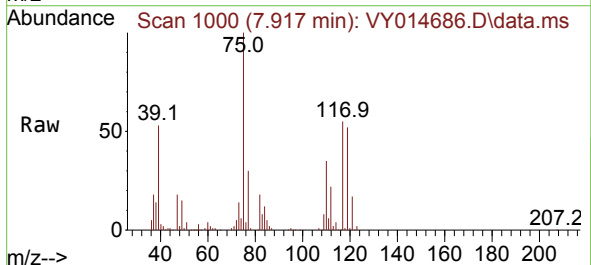
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

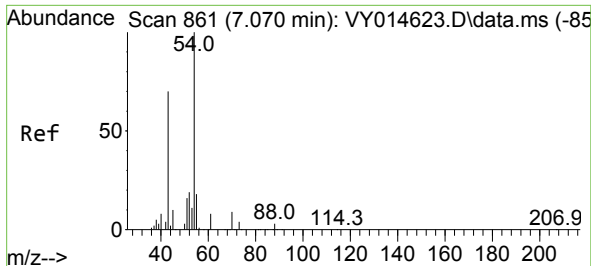
Tgt Ion:113 Resp: 134142
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 54.128 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 75 Resp: 199840
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 63.416 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

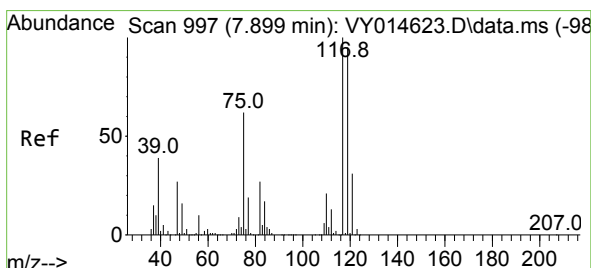
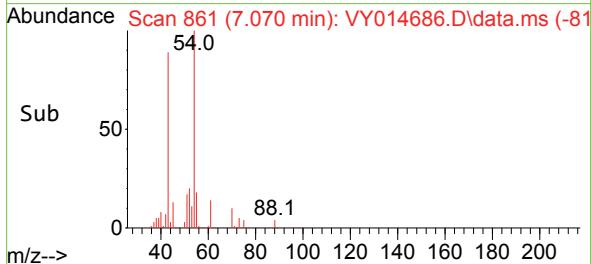
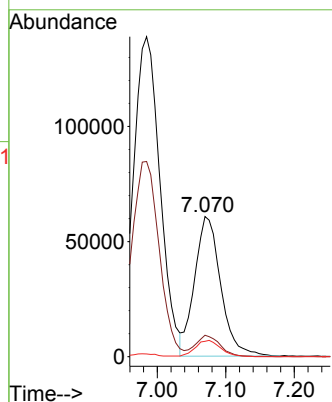
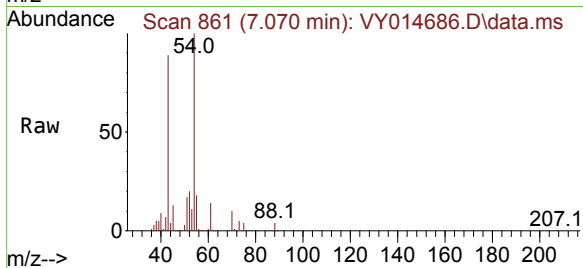
Tgt Ion: 43 Resp: 161198

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 55.248 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

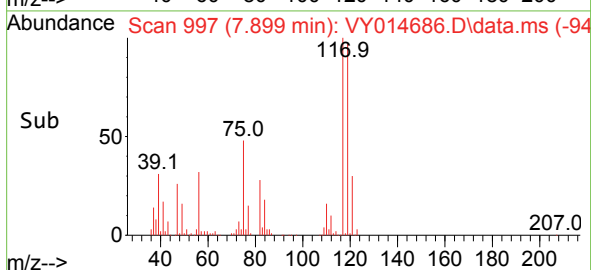
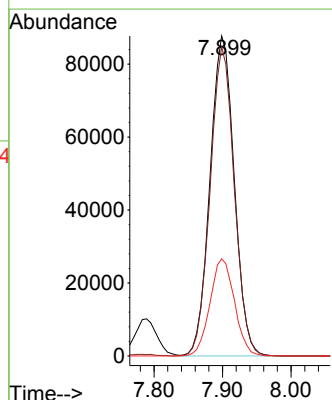
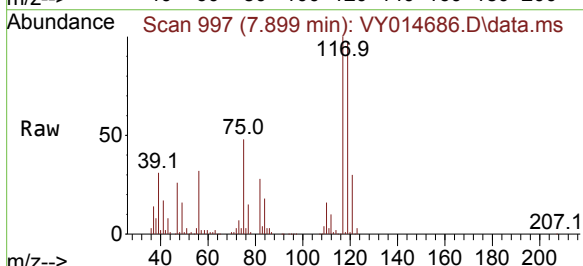
Tgt Ion: 117 Resp: 215617

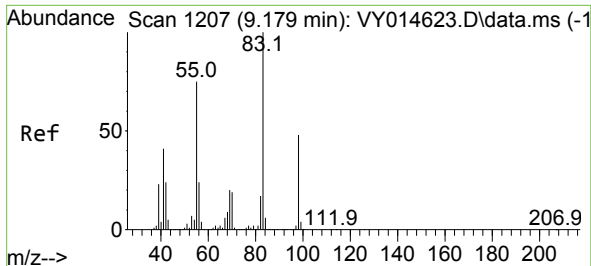
Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6

121 30.3 25.8 38.6

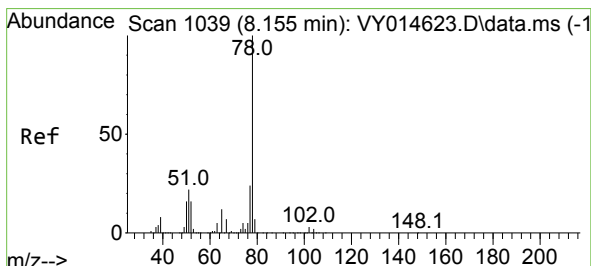
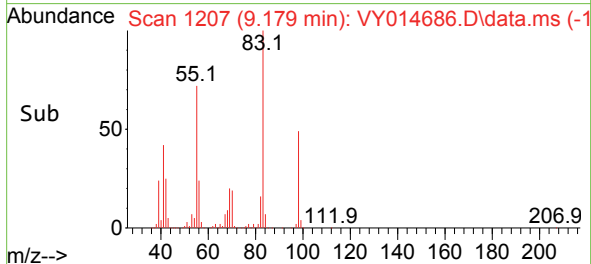
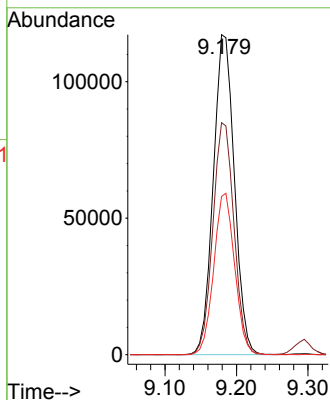
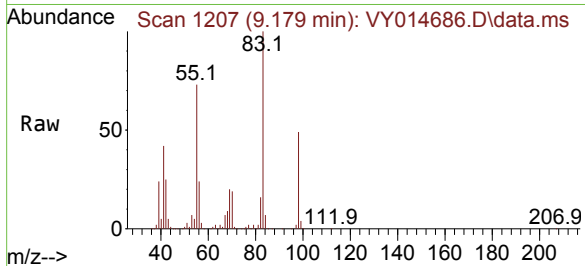




#39
Methylcyclohexane
Concen: 49.959 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

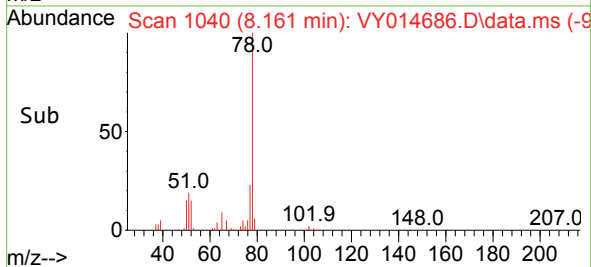
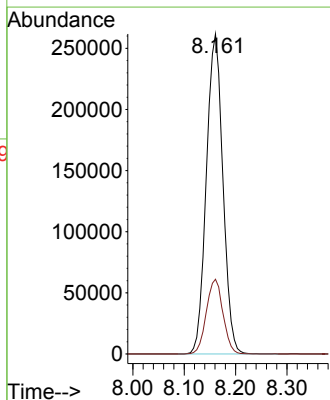
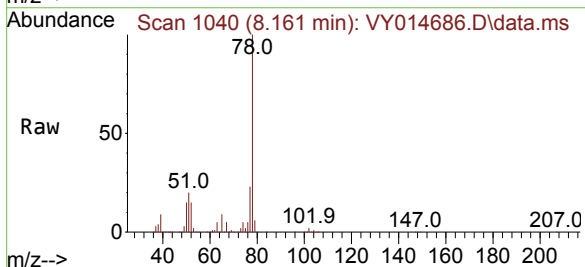
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

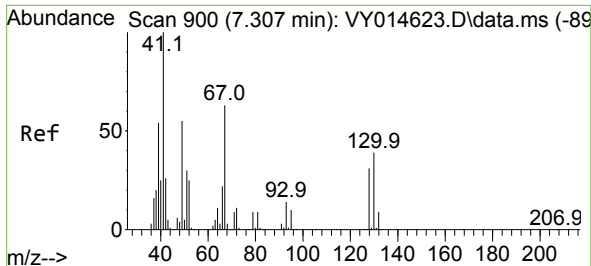
Tgt Ion: 83 Resp: 240298
Ion Ratio Lower Upper
83 100
55 72.5 63.0 94.4
98 49.4 37.4 56.2



#40
Benzene
Concen: 55.557 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 78 Resp: 583358
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

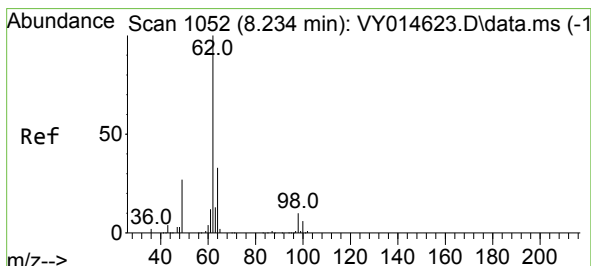
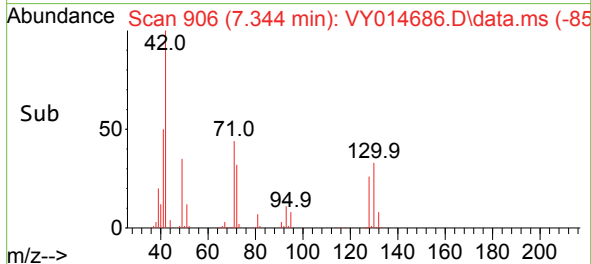
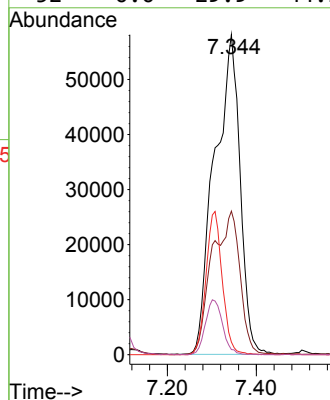
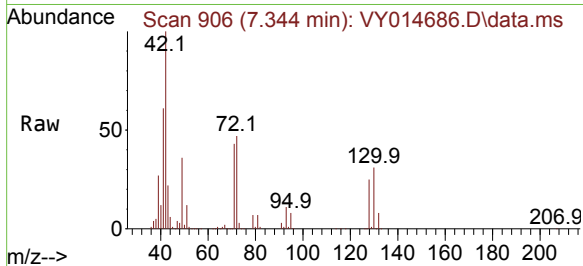




#41
Methacrylonitrile
Concen: 176.141 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

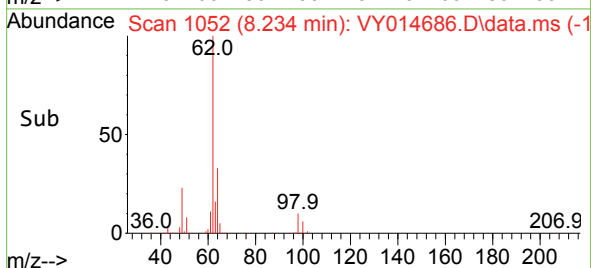
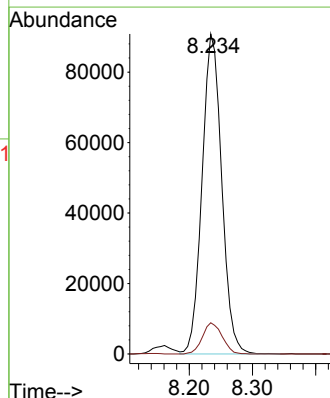
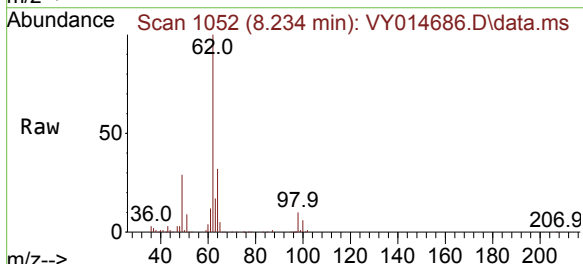
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

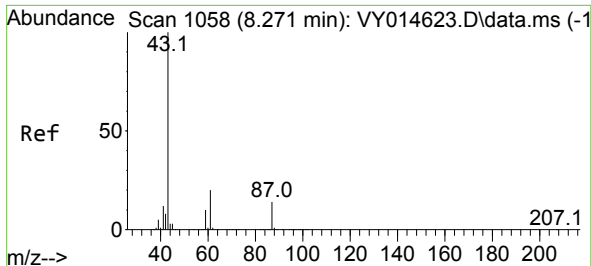
Tgt Ion: 41 Resp: 230296
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 59.103 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 62 Resp: 196525
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

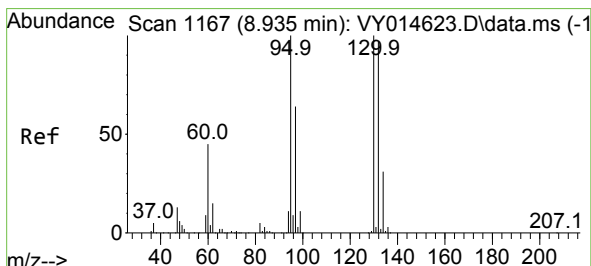
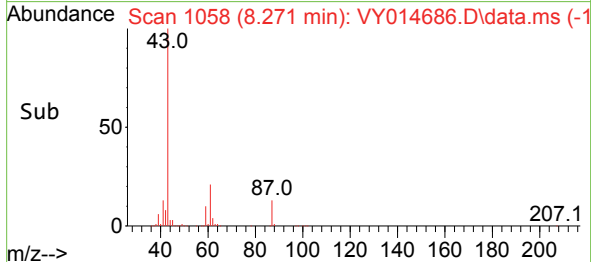
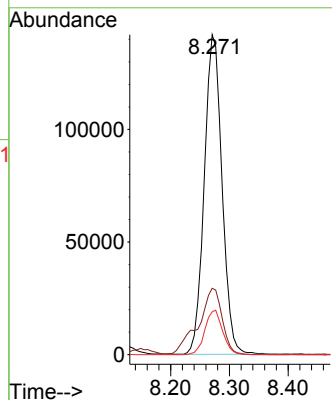
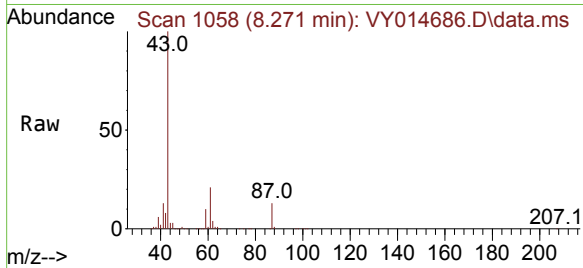




#43
Isopropyl Acetate
Concen: 61.648 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

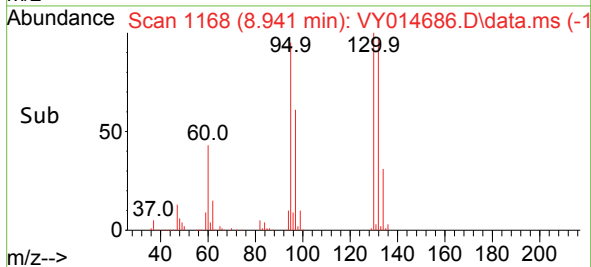
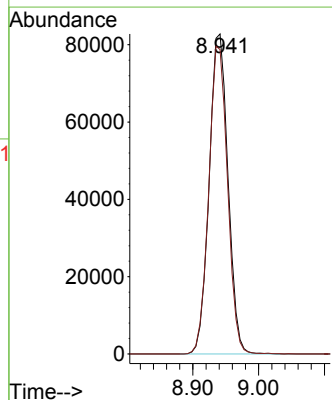
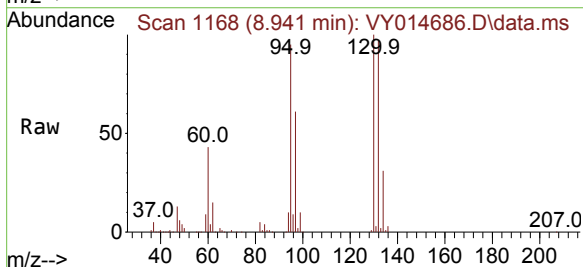
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

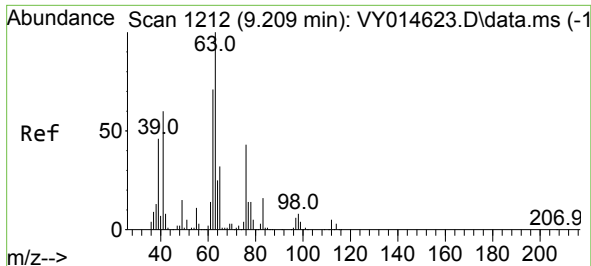
Tgt Ion: 43 Resp: 298507
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 56.169 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:130 Resp: 165015
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.944 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

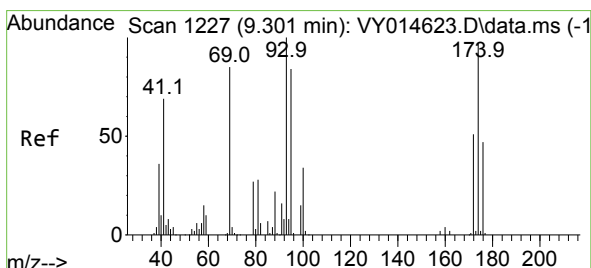
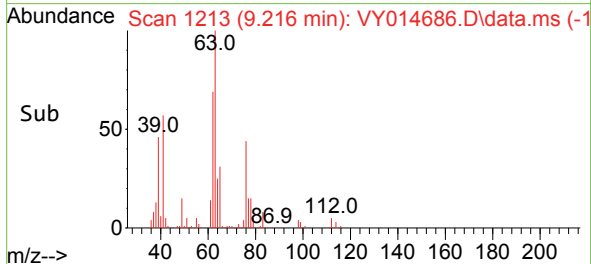
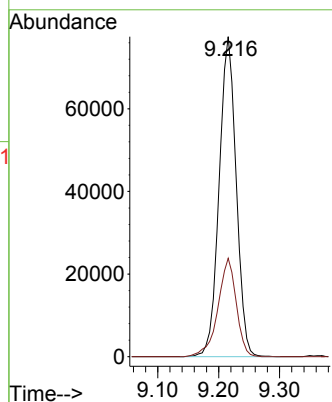
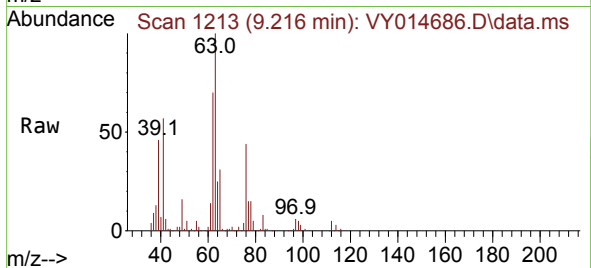
VSTDCCC050EC

Tgt Ion: 63 Resp: 150647

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 59.277 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

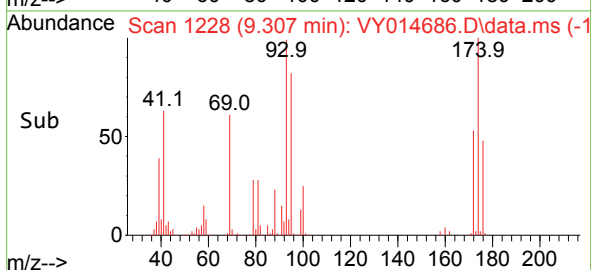
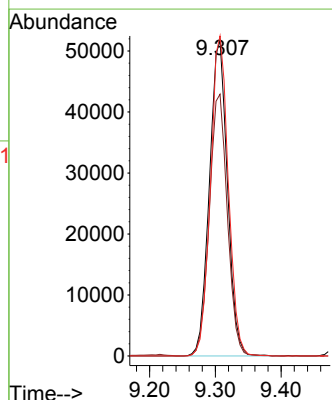
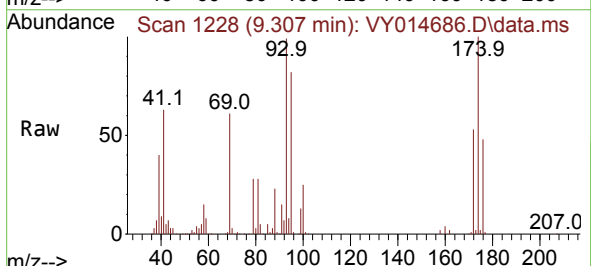
Tgt Ion: 93 Resp: 98597

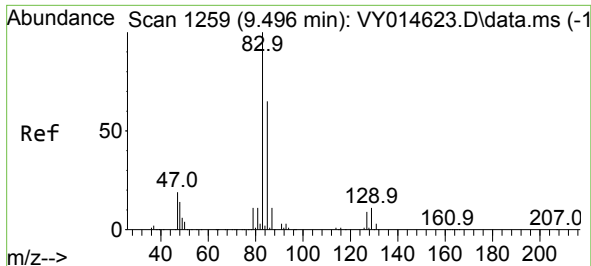
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 100.5 84.8 127.2

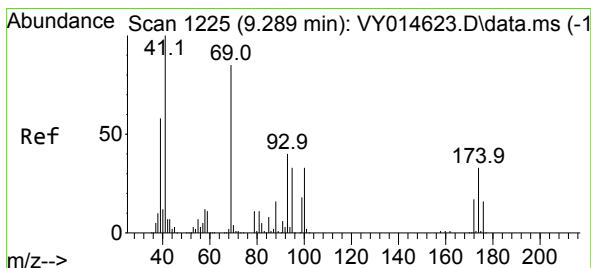
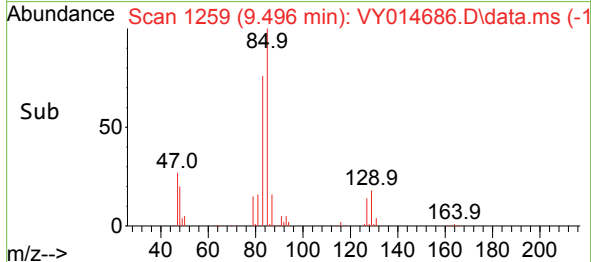
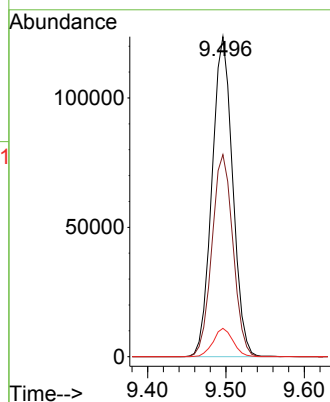
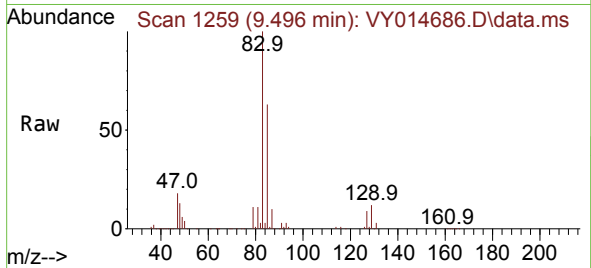




#47
Bromodichloromethane
Concen: 57.810 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

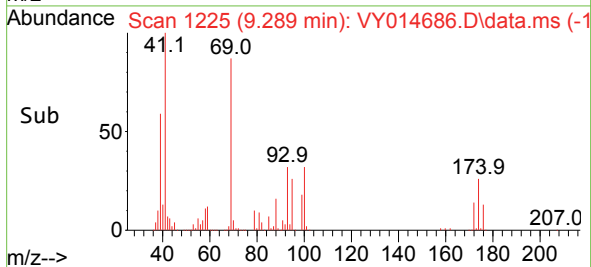
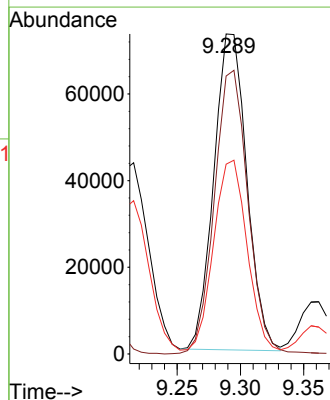
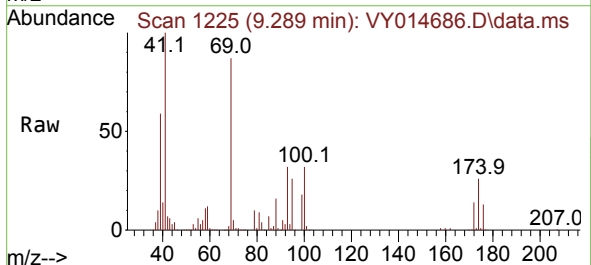
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

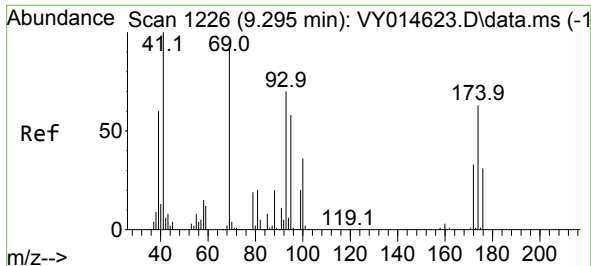
Tgt Ion: 83 Resp: 226632
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 60.761 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 41 Resp: 132387
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 63.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1357.787 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

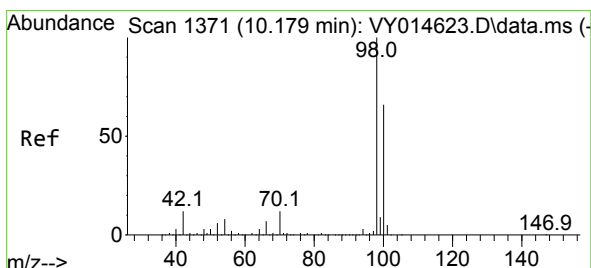
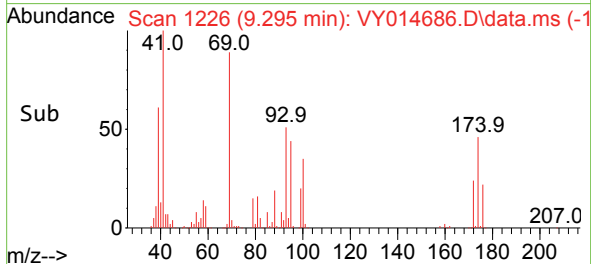
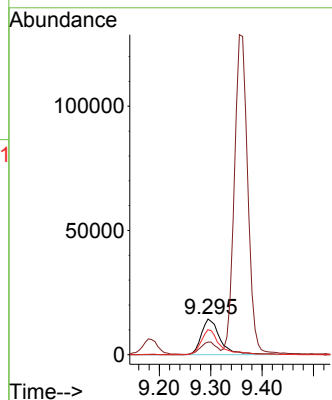
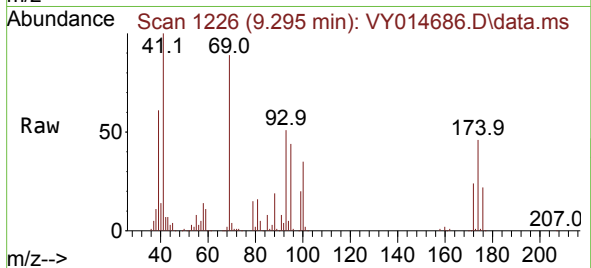
Tgt Ion: 88 Resp: 36826

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 70.5 30.9 46.3#



#50

Toluene-d8

Concen: 53.094 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014686.D

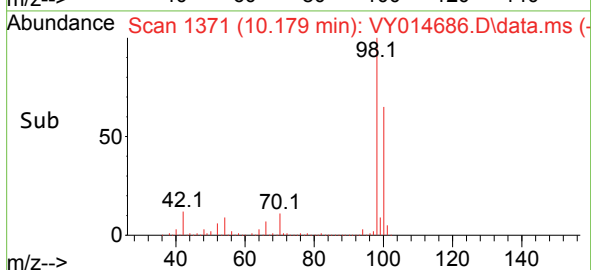
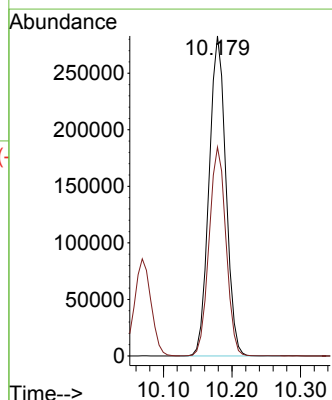
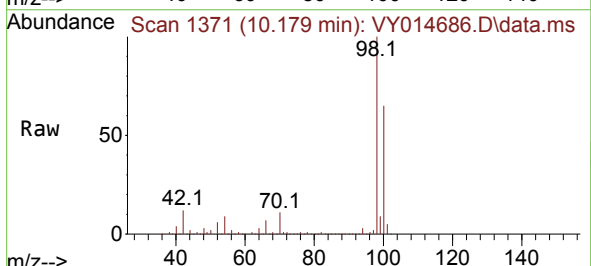
Acq: 17 Jul 2023 20:37

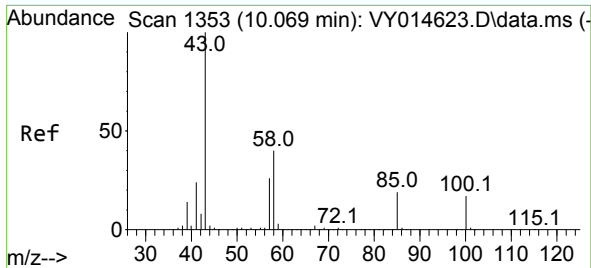
Tgt Ion: 98 Resp: 483251

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

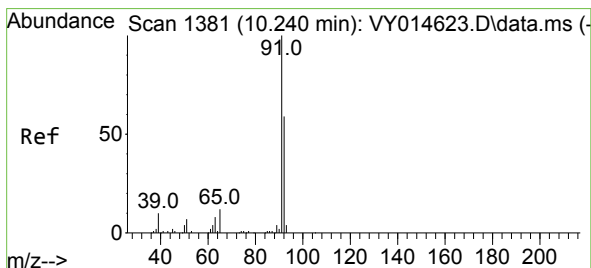
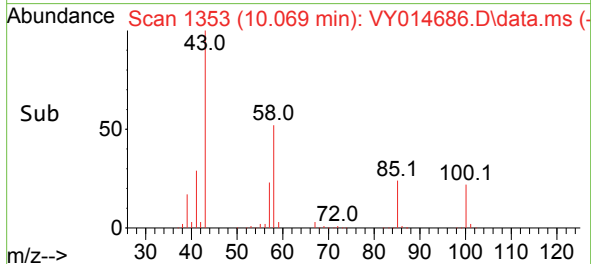
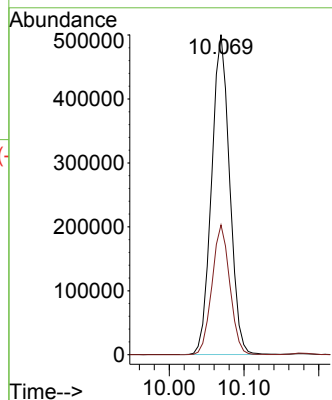
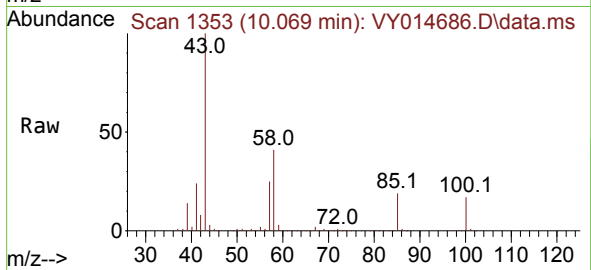




#51
4-Methyl-2-Pentanone
Concen: 331.161 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

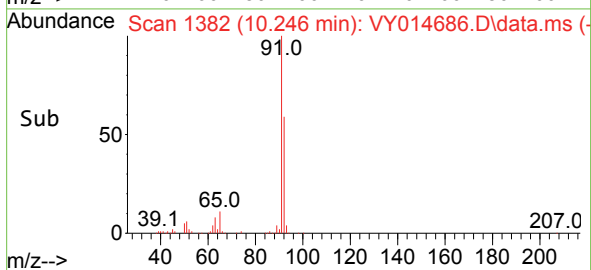
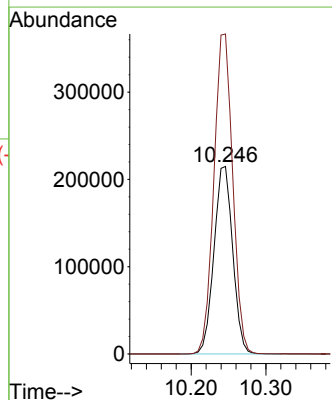
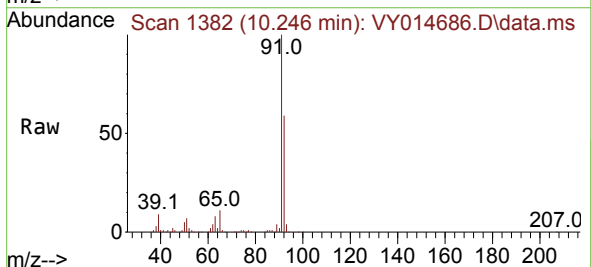
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

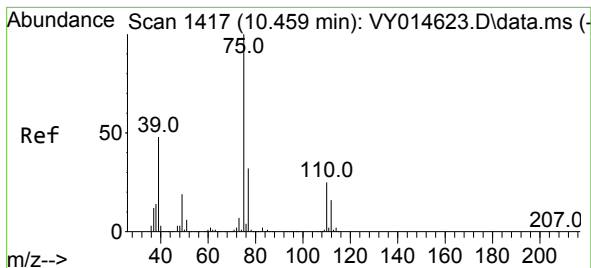
Tgt Ion: 43 Resp: 841919
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 55.769 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 92 Resp: 374716
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

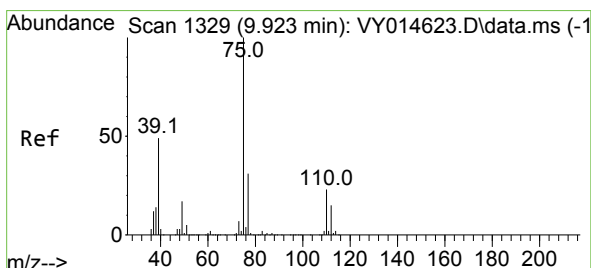
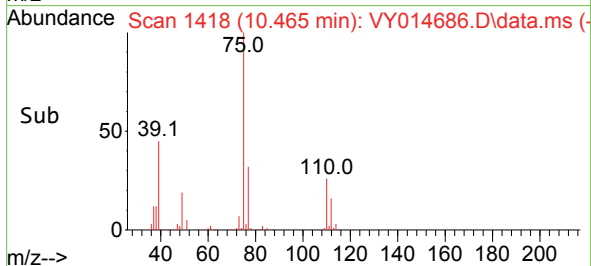
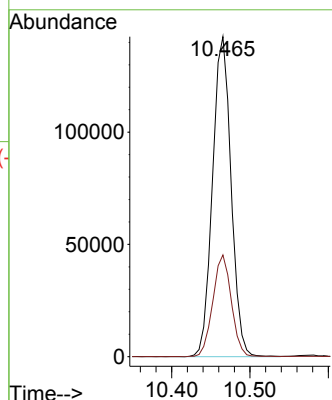
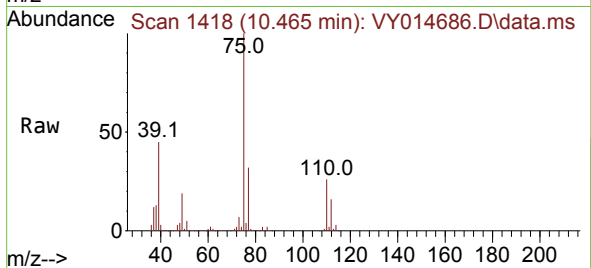




#53
 t-1,3-Dichloropropene
 Concen: 54.693 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

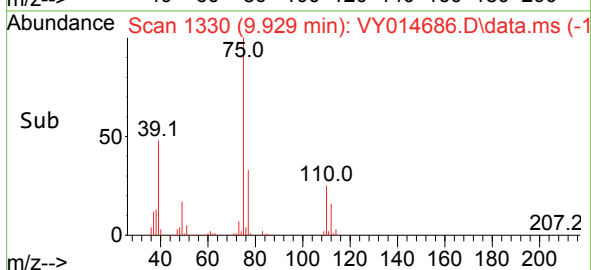
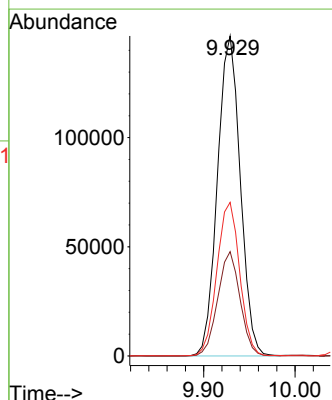
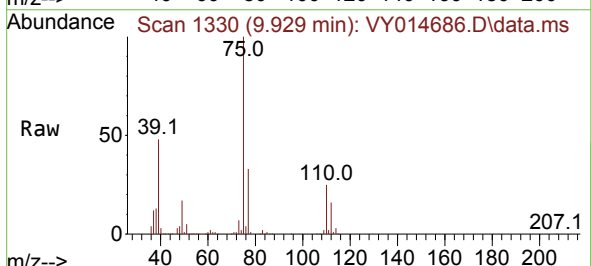
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

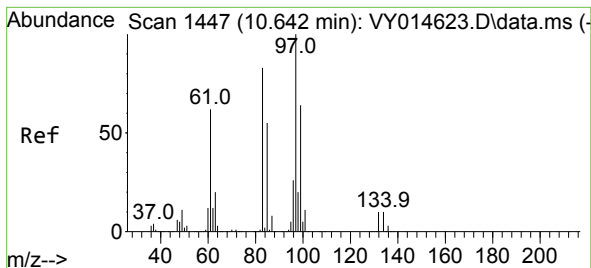
Tgt Ion: 75 Resp: 234533
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.574 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

Tgt Ion: 75 Resp: 254491
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 47.9 42.2 63.4

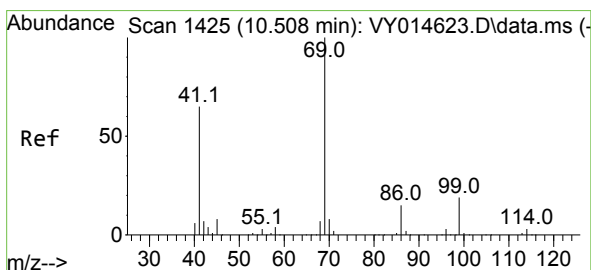
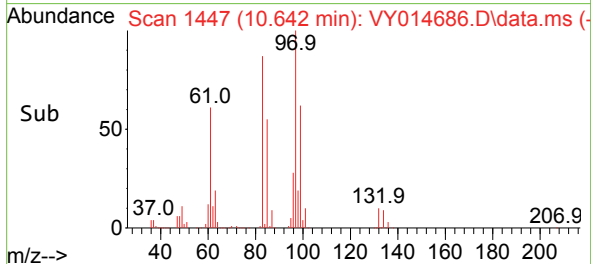
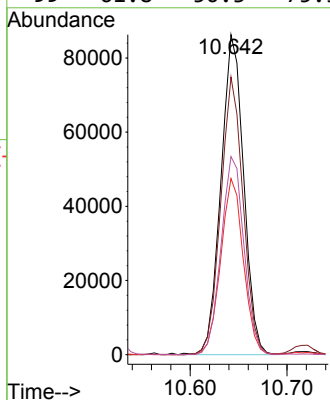
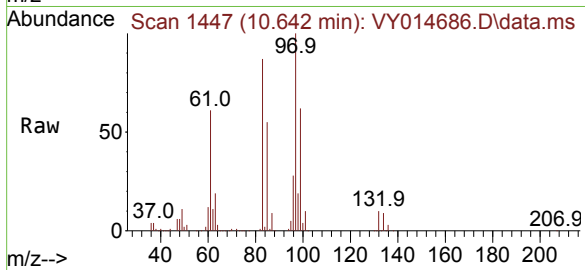




#55
1,1,2-Trichloroethane
Concen: 60.751 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

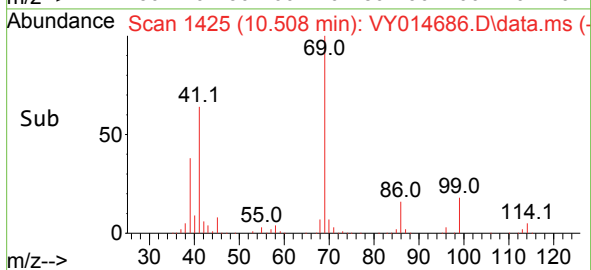
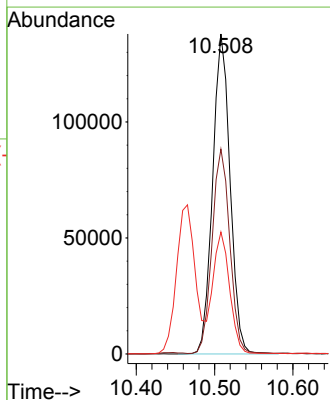
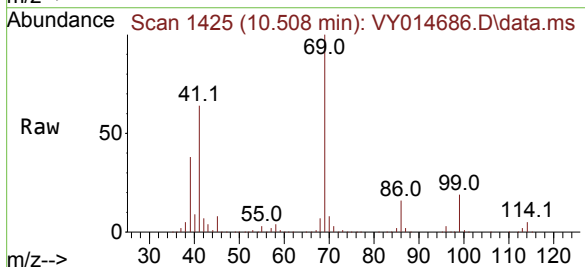
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

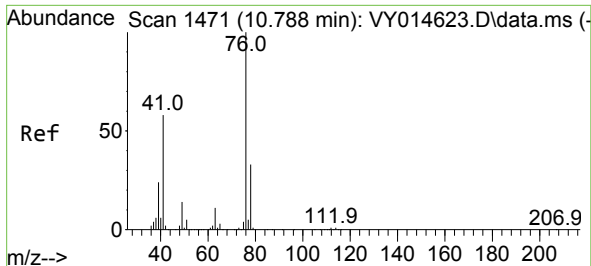
Tgt Ion:	97	Resp:	140758
Ion	Ratio	Lower	Upper
97	100		
83	86.8	72.0	108.0
85	55.0	45.4	68.0
99	61.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 60.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:	69	Resp:	213544
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.6	86.4
39	35.7	34.1	51.1

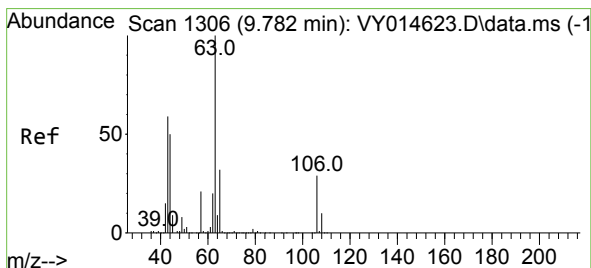
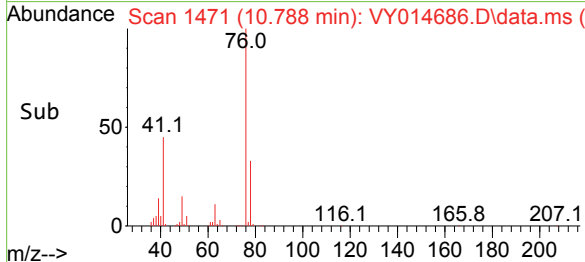
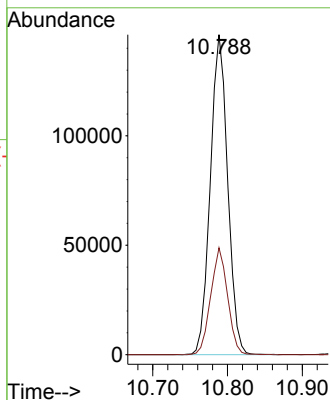
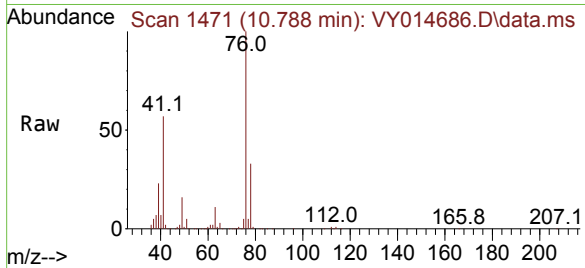




#57
1,3-Dichloropropane
Concen: 59.152 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

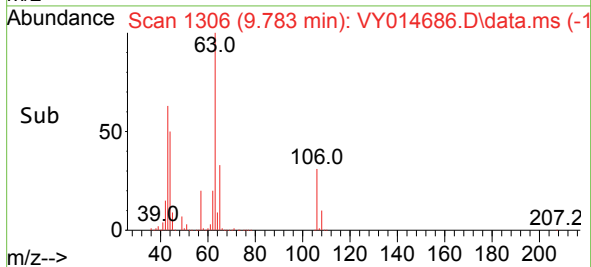
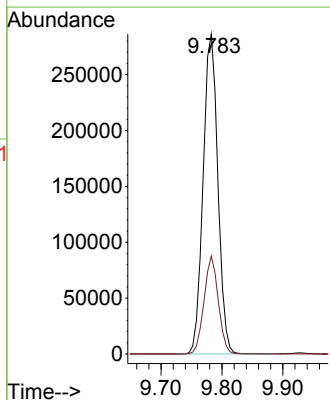
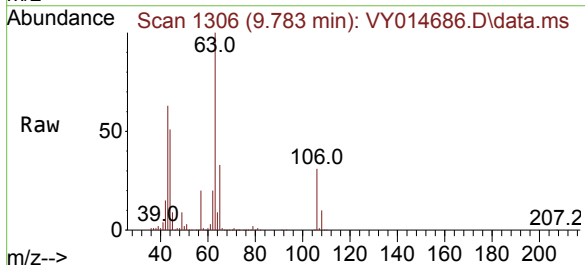
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

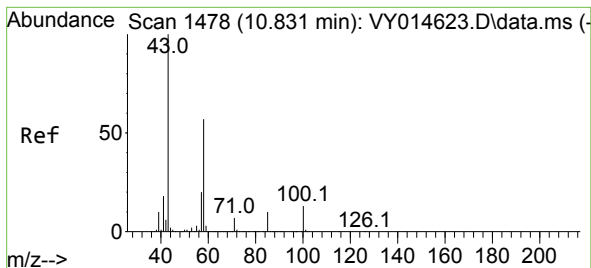
Tgt Ion: 76 Resp: 236389
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 292.089 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 63 Resp: 481459
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8

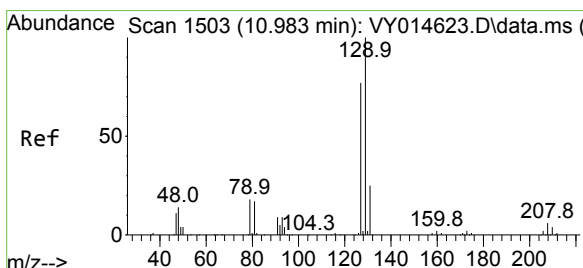
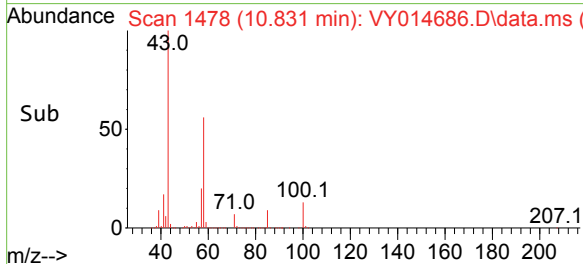
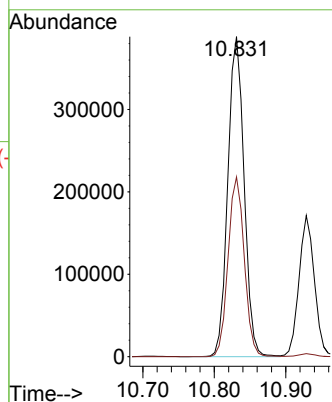
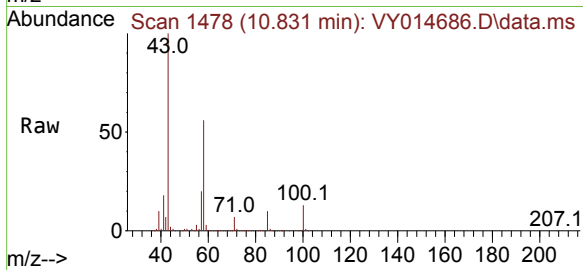




#59
2-Hexanone
Concen: 330.339 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

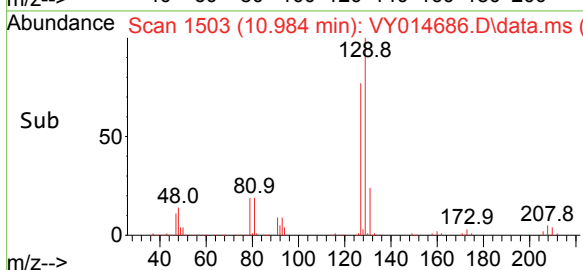
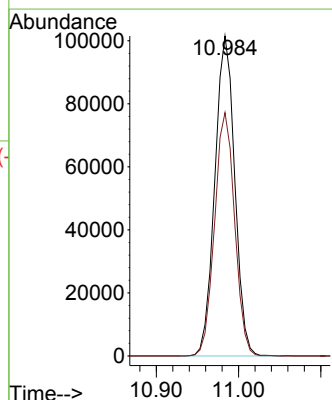
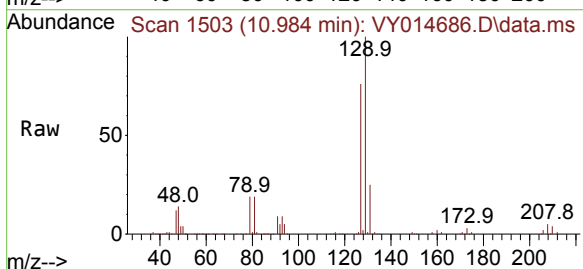
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

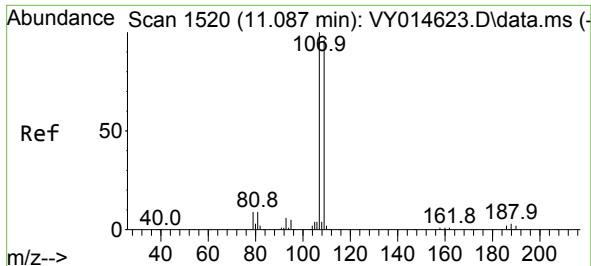
Tgt Ion: 43 Resp: 612449
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 60.134 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 129 Resp: 170826
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

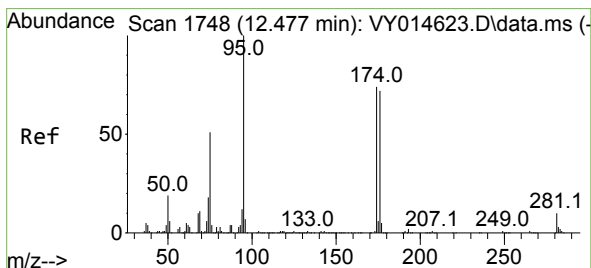
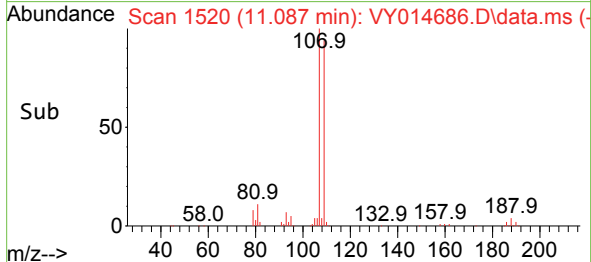
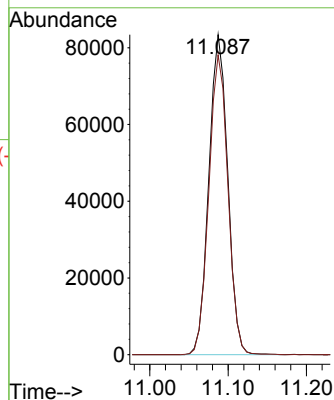
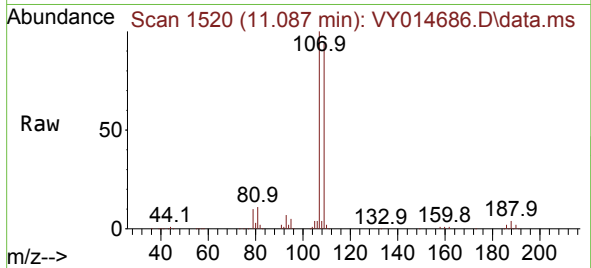




#61
1,2-Dibromoethane
Concen: 60.399 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

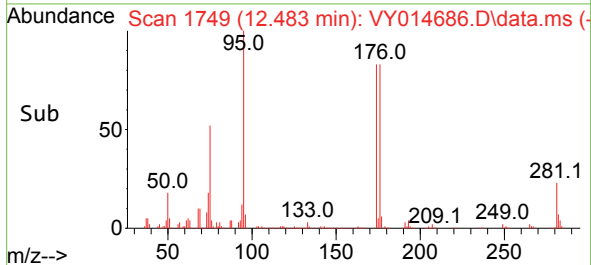
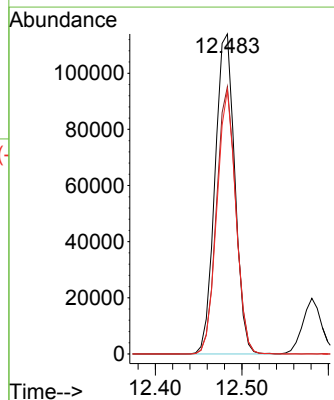
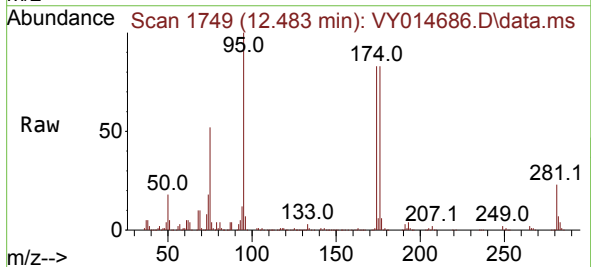
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

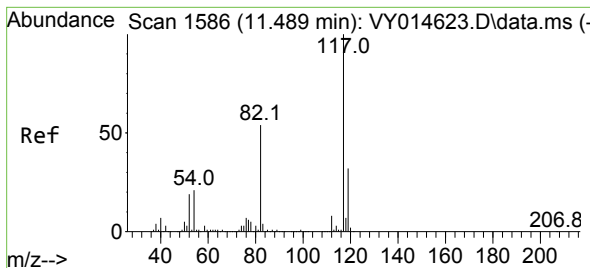
Tgt Ion:107 Resp: 139606
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.946 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 95 Resp: 181290
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 78.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

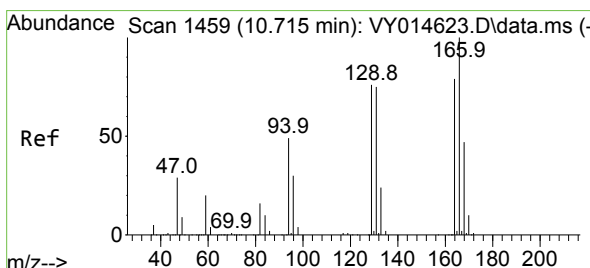
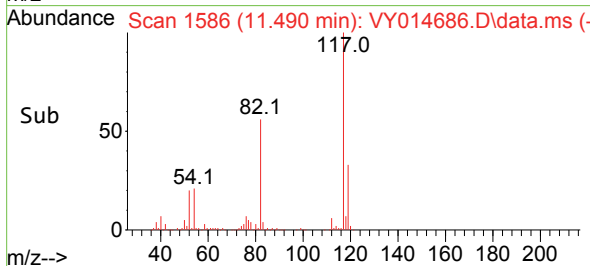
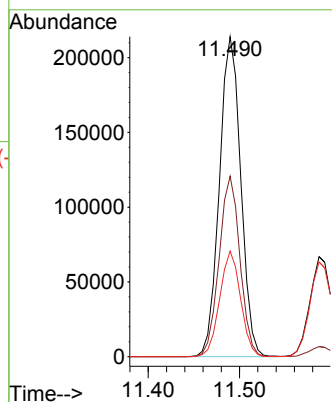
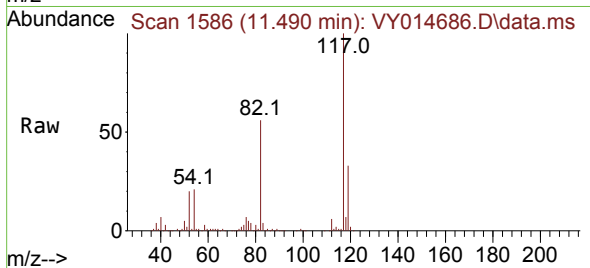
Tgt Ion:117 Resp: 348011

Ion Ratio Lower Upper

117 100

82 56.4 43.4 65.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 59.033 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion:164 Resp: 165228

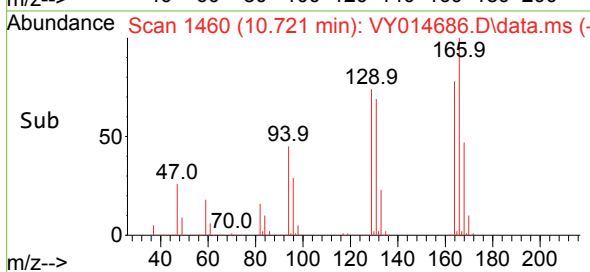
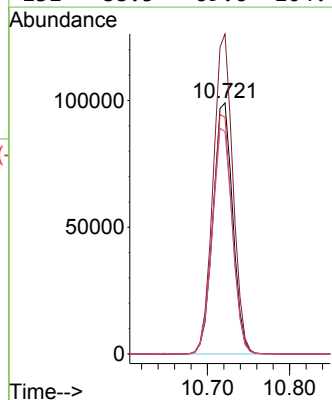
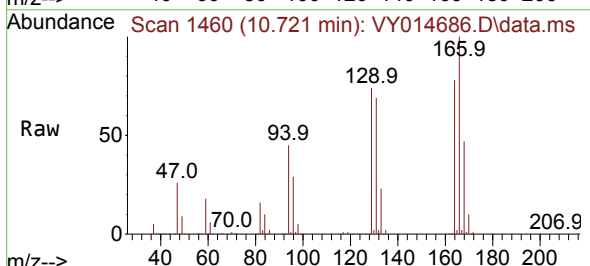
Ion Ratio Lower Upper

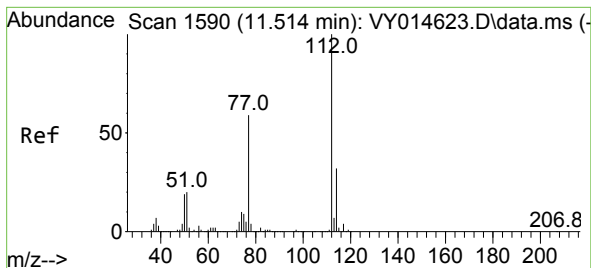
164 100

166 127.5 103.0 154.6

129 94.4 77.2 115.8

131 88.5 69.6 104.4

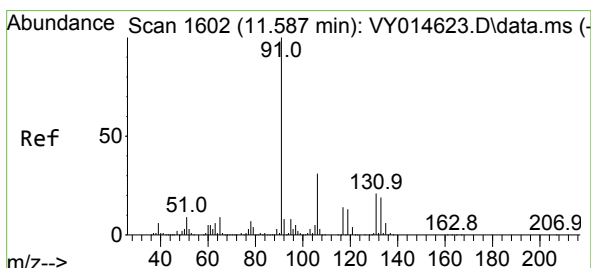
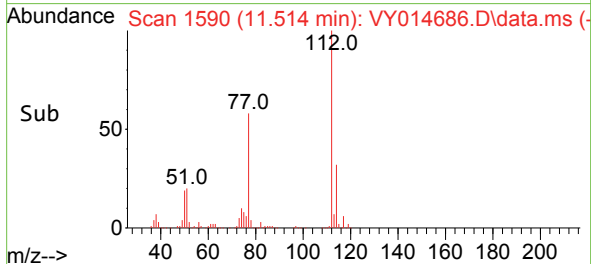
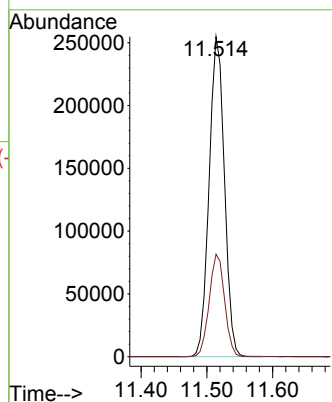
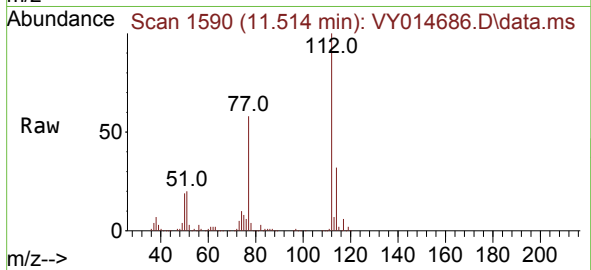




#65
Chlorobenzene
Concen: 55.612 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

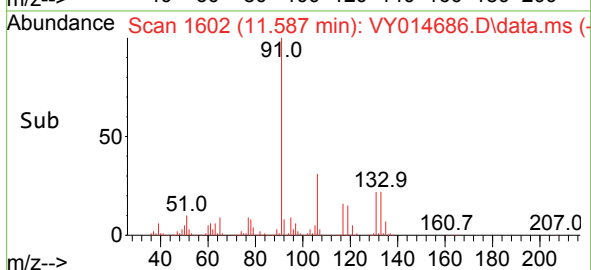
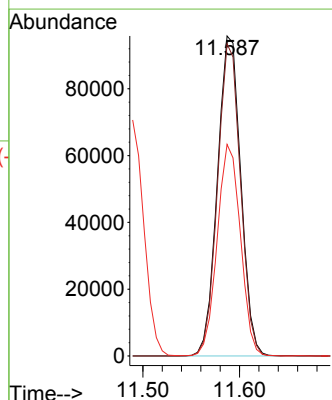
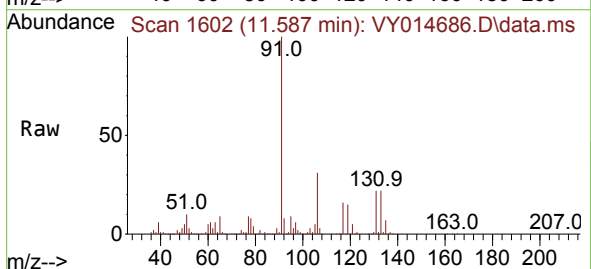
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

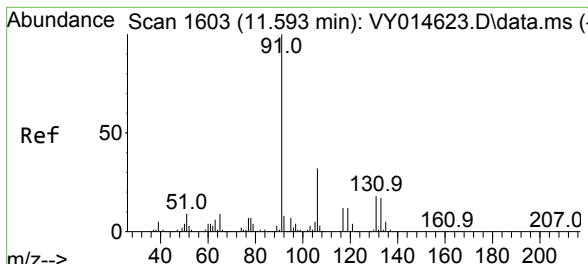
Tgt Ion:112 Resp: 412421
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 57.640 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:131 Resp: 161171
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.7 31.6 94.7

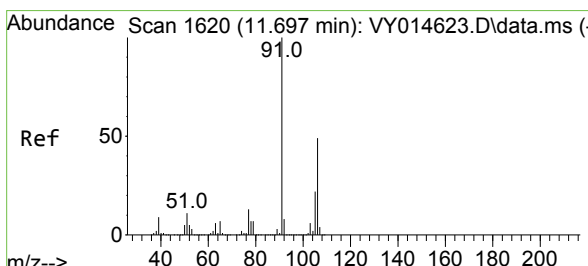
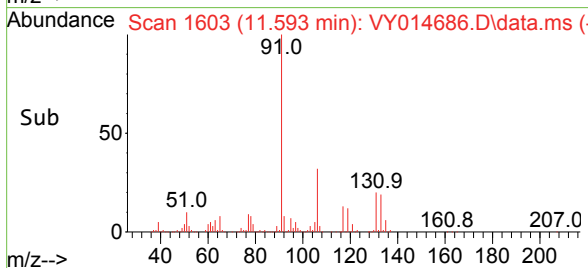
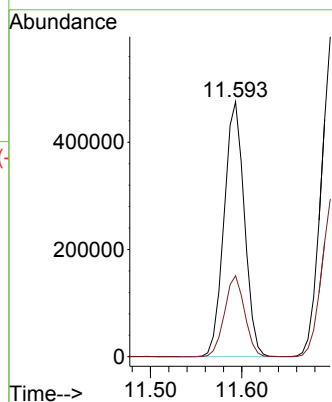
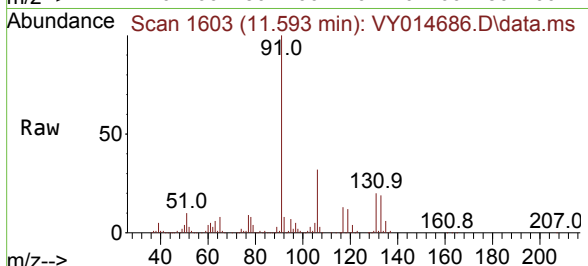




#67
Ethyl Benzene
Concen: 54.775 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

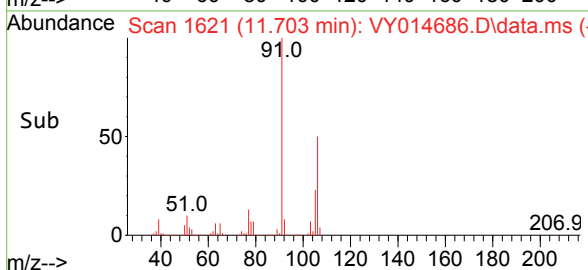
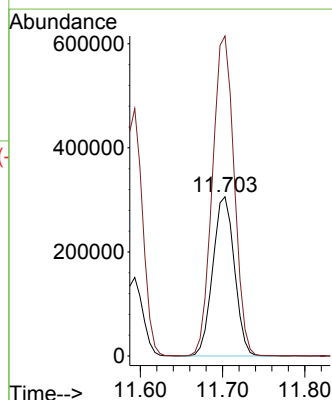
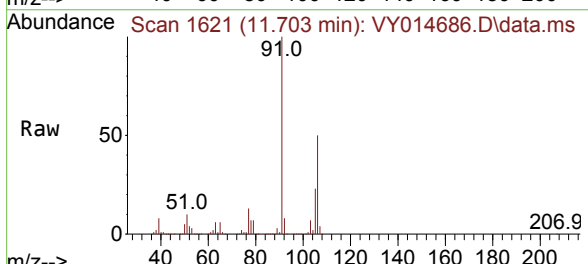
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

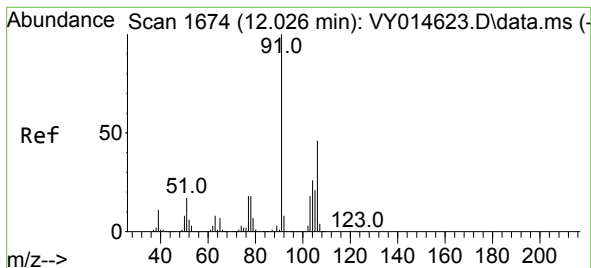
Tgt Ion: 91 Resp: 733416
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 109.556 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:106 Resp: 559960
Ion Ratio Lower Upper
106 100
91 202.5 166.1 249.1

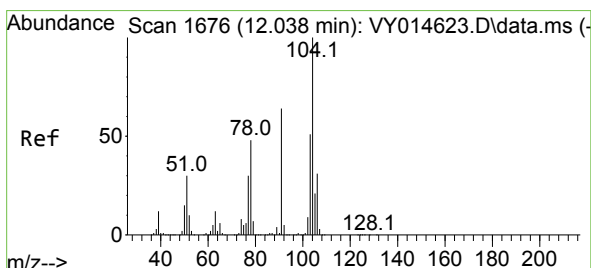
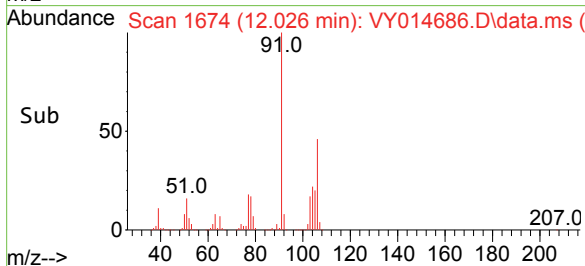
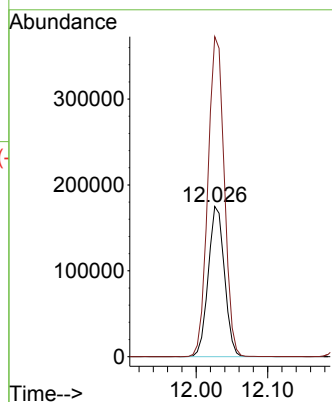
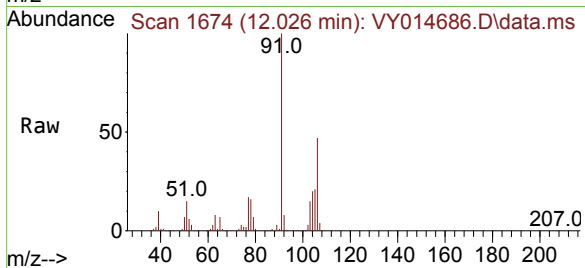




#69
o-Xylene
Concen: 55.339 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

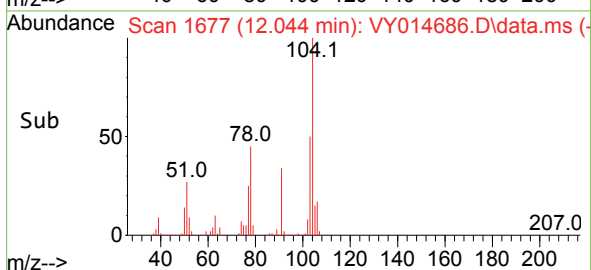
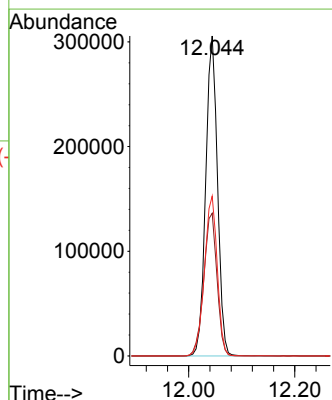
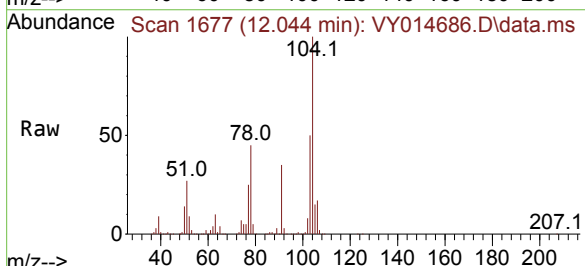
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

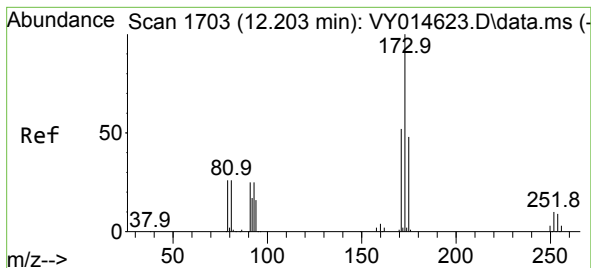
Tgt Ion:106 Resp: 275496
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.3



#70
Styrene
Concen: 56.014 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:104 Resp: 469988
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 61.383 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

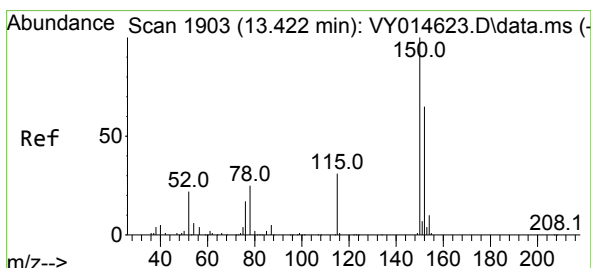
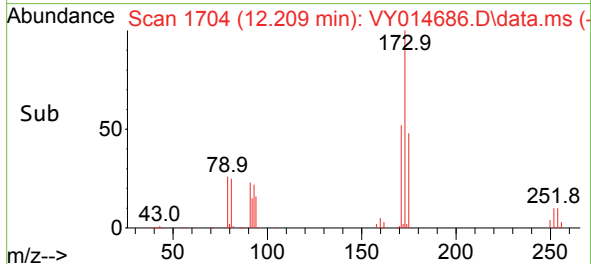
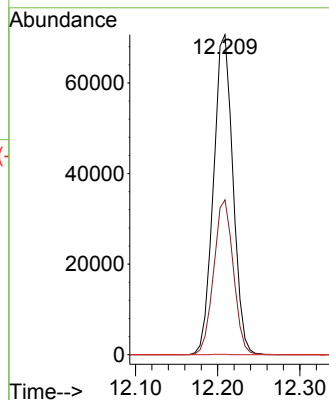
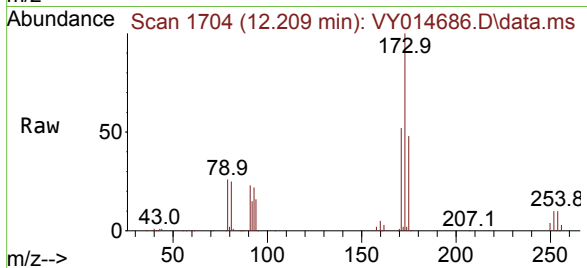
Tgt Ion:173 Resp: 116340

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

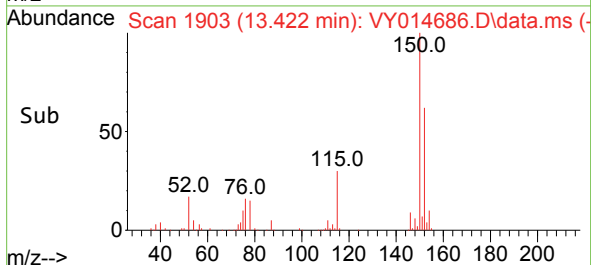
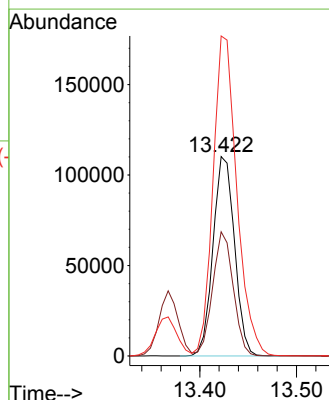
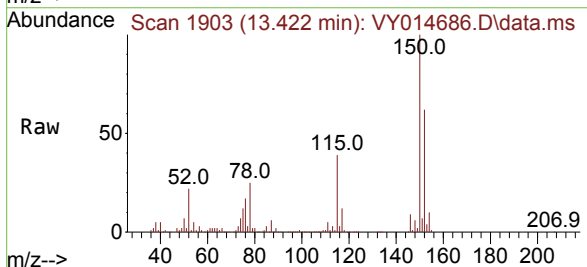
Tgt Ion:152 Resp: 170045

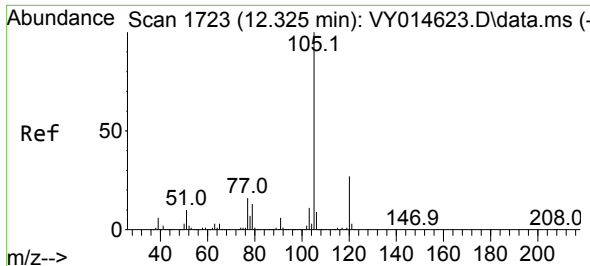
Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 177.9 0.0 348.8

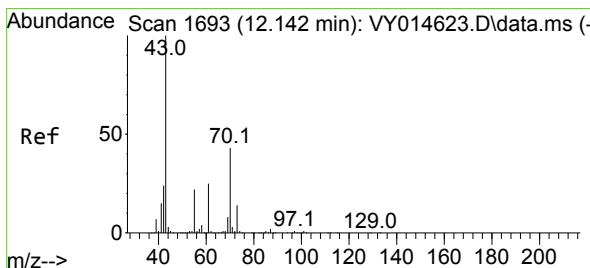
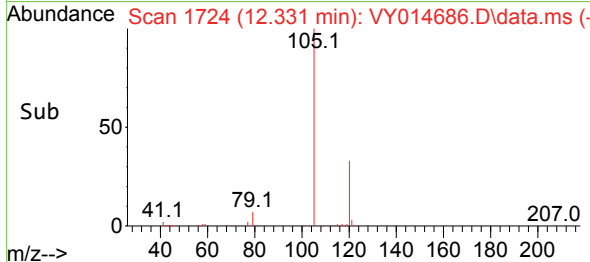
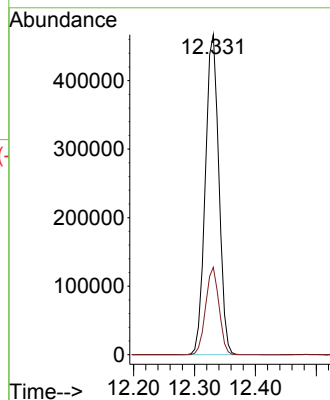
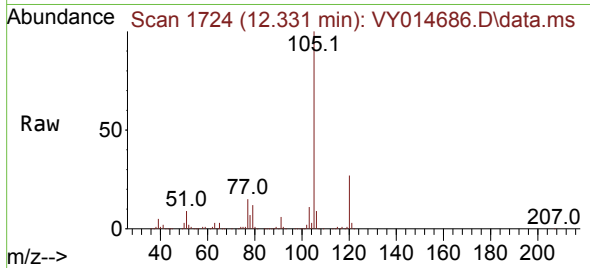




#73
Isopropylbenzene
Concen: 54.187 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

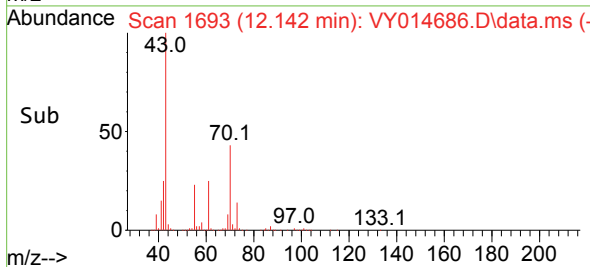
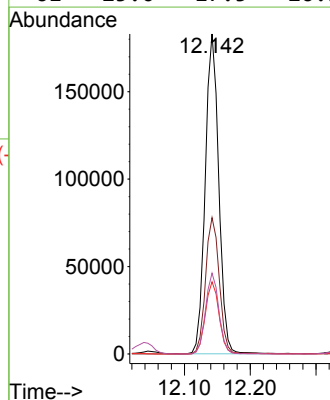
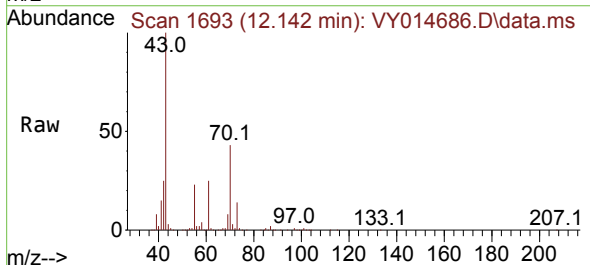
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

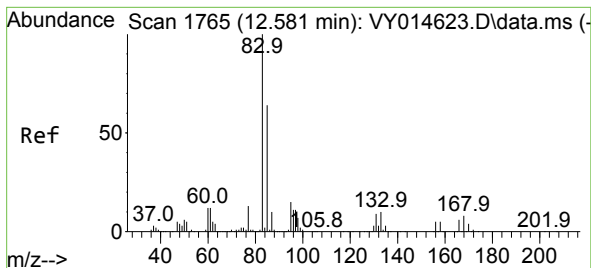
Tgt Ion:105 Resp: 721474
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 58.752 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 43 Resp: 261994
Ion Ratio Lower Upper
43 100
70 43.2 29.7 44.5
55 22.9 18.3 27.5
61 25.0 17.5 26.3

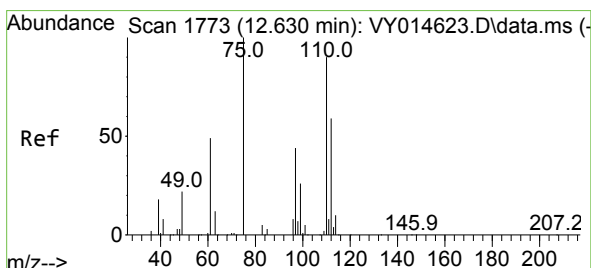
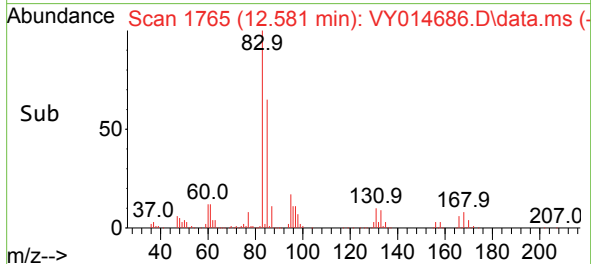
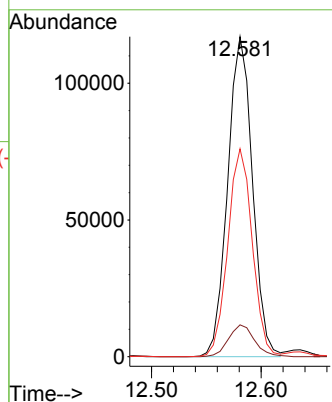
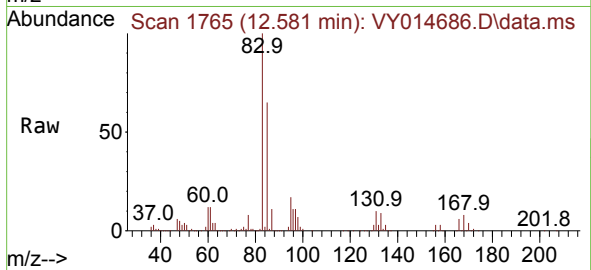




#75
 1,1,2,2-Tetrachloroethane
 Concen: 60.512 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

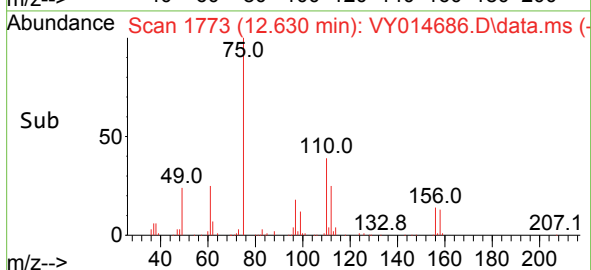
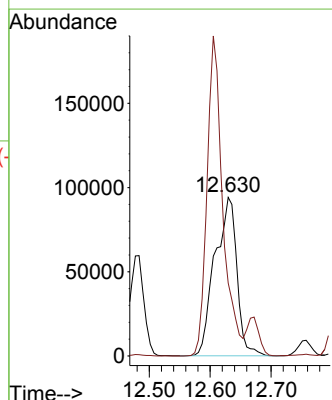
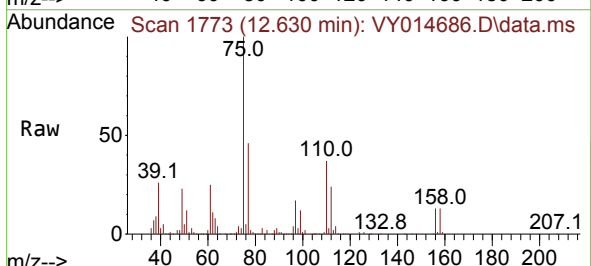
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

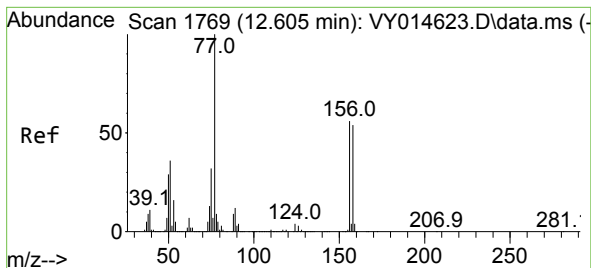
Tgt Ion: 83 Resp: 183732
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 110.002 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

Tgt Ion: 75 Resp: 236242
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.311 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

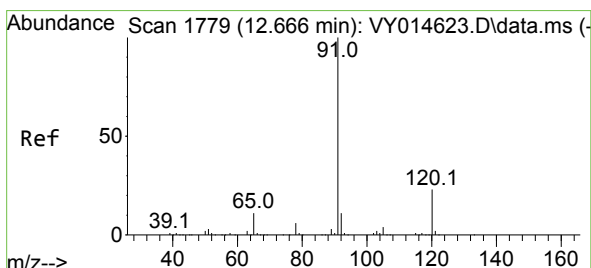
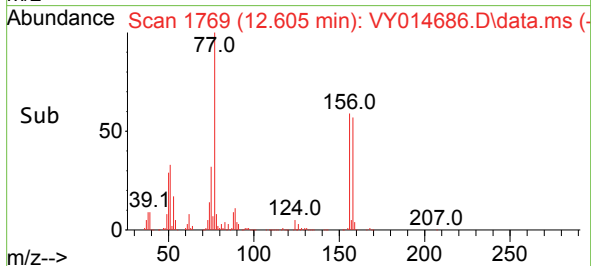
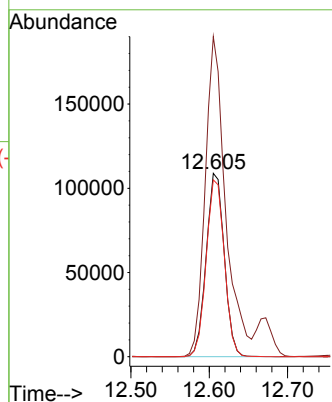
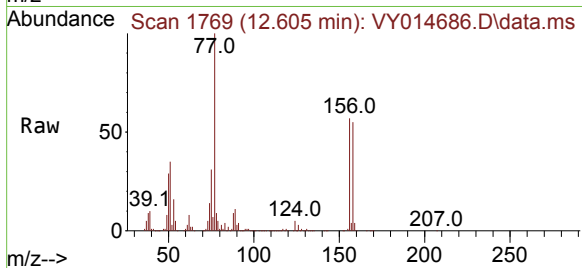
Tgt Ion:156 Resp: 174183

Ion Ratio Lower Upper

156 100

77 196.4 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 53.453 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014686.D

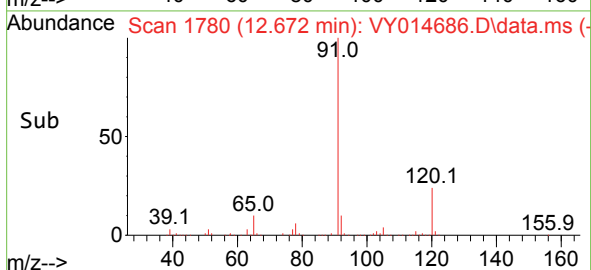
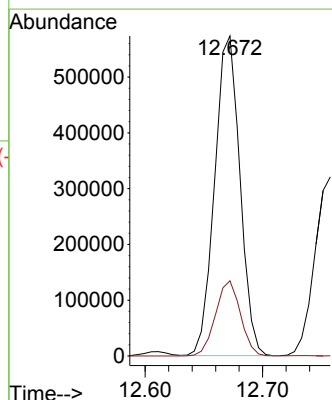
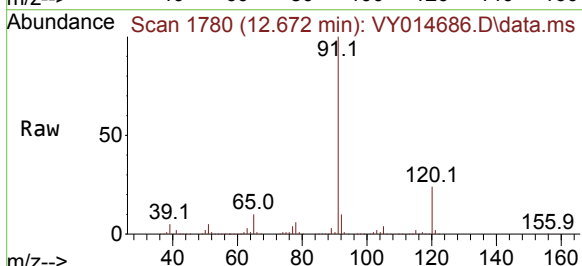
Acq: 17 Jul 2023 20:37

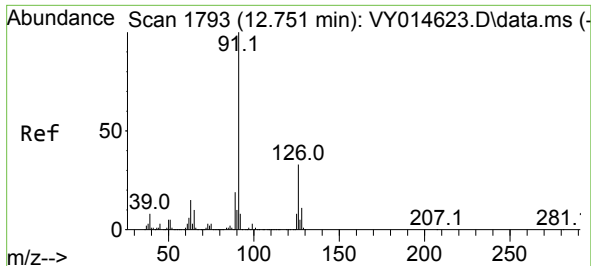
Tgt Ion: 91 Resp: 857607

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

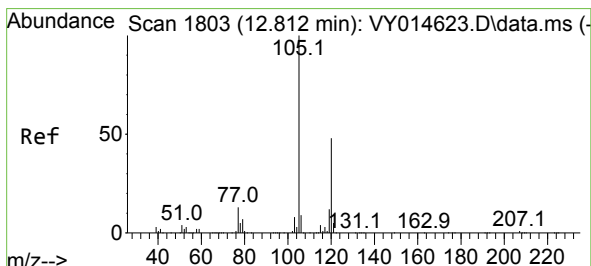
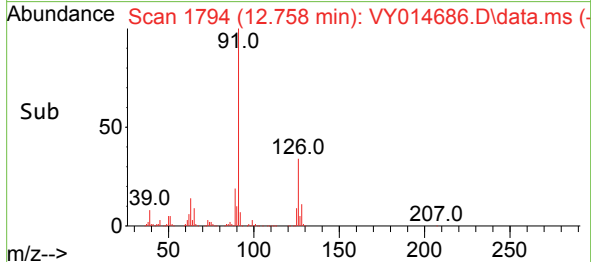
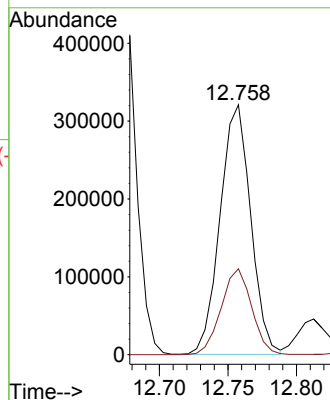
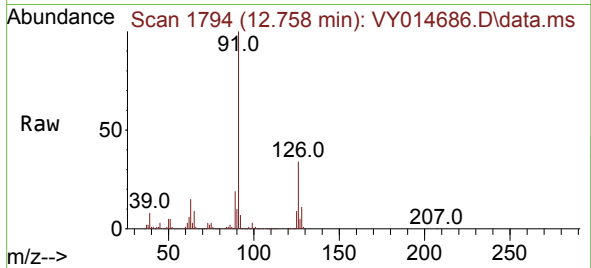




#79
2-Chlorotoluene
Concen: 53.921 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

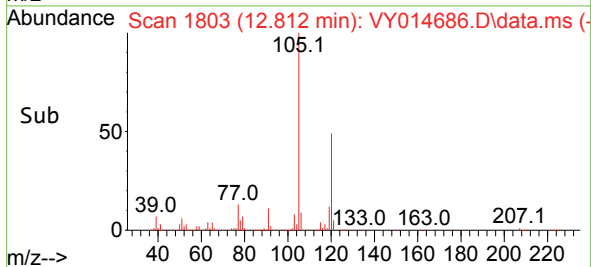
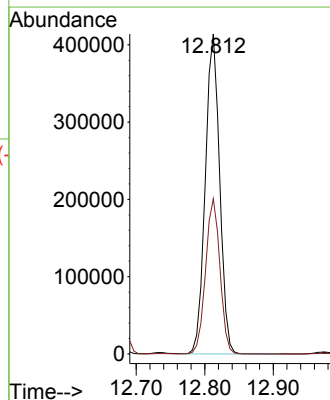
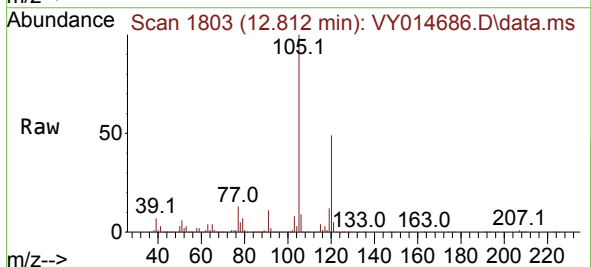
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

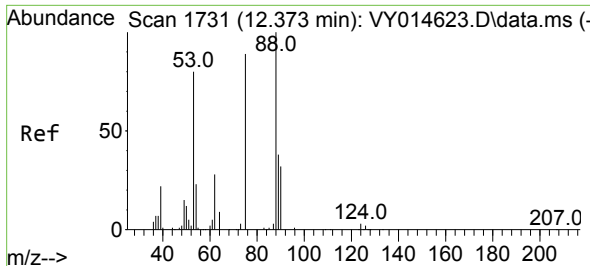
Tgt Ion: 91 Resp: 498294
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 54.374 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 105 Resp: 604613
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

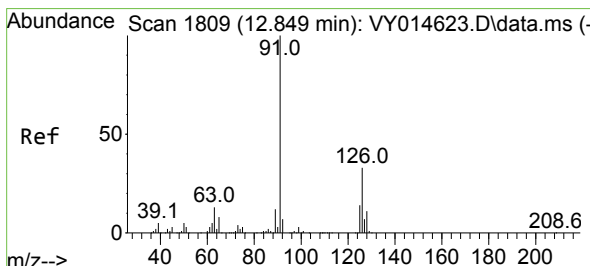
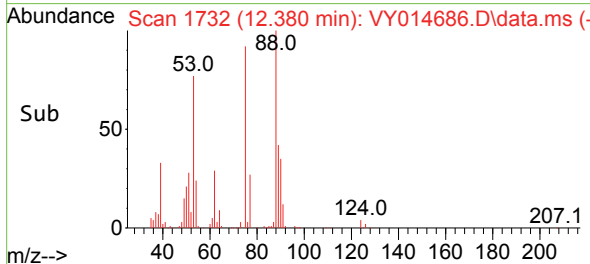
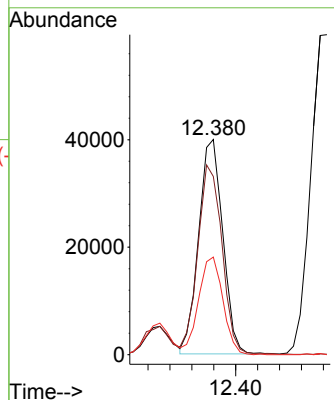
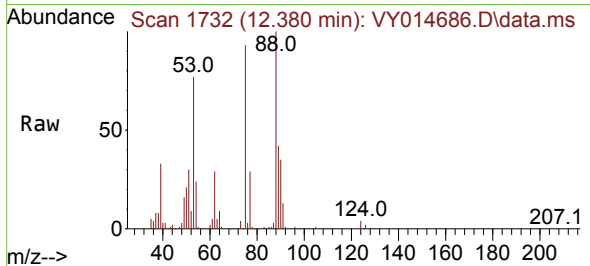




#81
trans-1,4-Dichloro-2-butene
Concen: 55.006 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

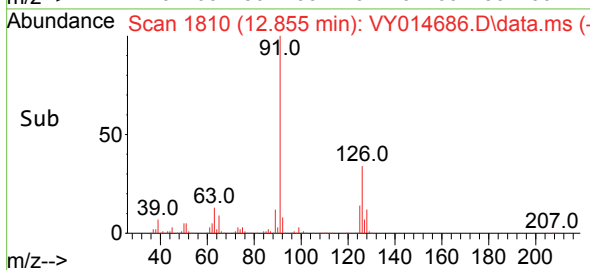
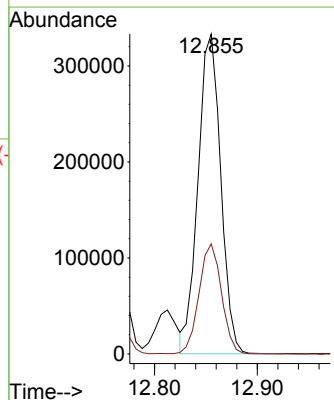
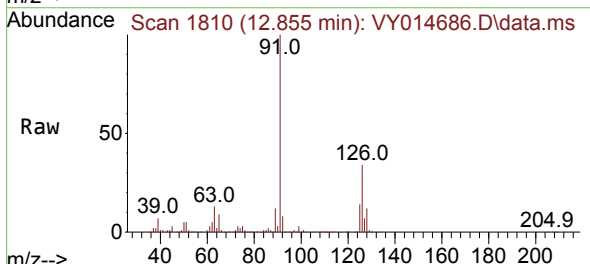
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

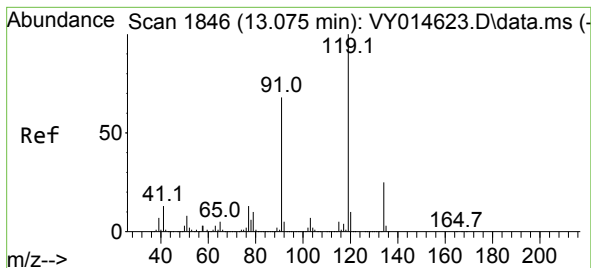
Tgt Ion: 75 Resp: 61013
Ion Ratio Lower Upper
75 100
53 88.2 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.819 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 91 Resp: 512218
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.871 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

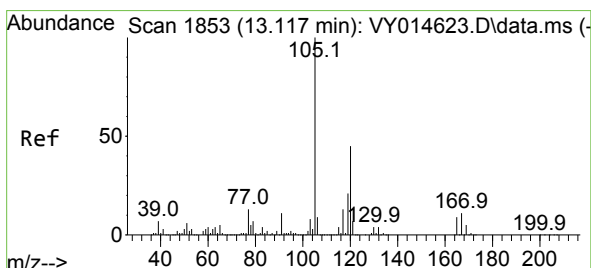
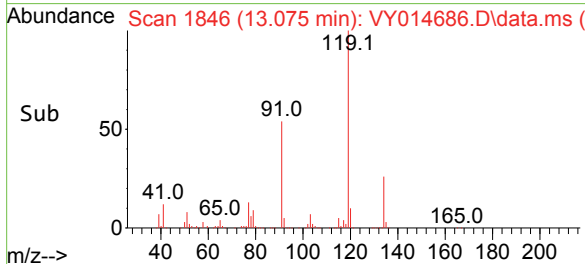
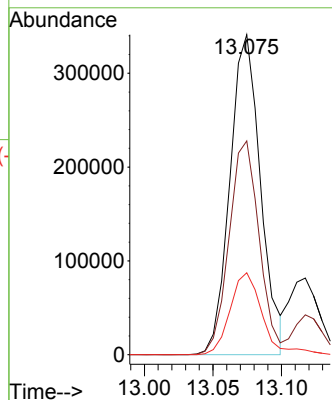
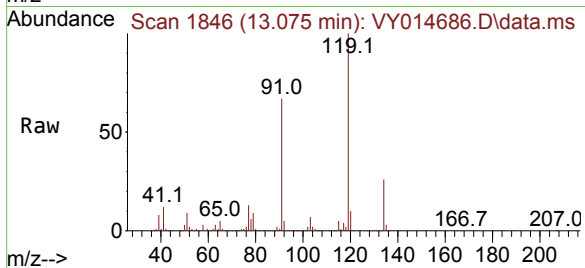
Tgt Ion:119 Resp: 531377

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.694 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014686.D

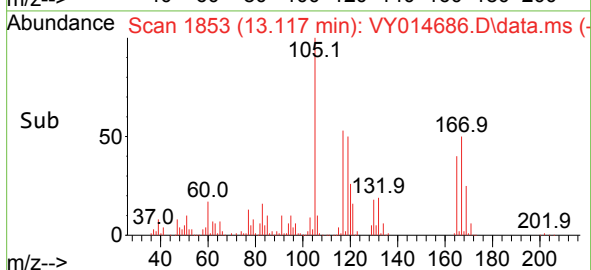
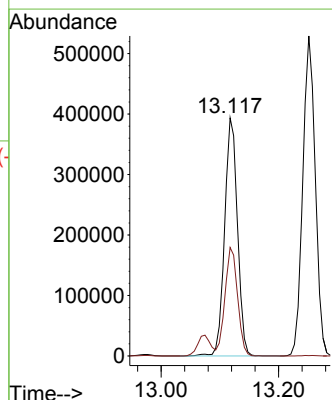
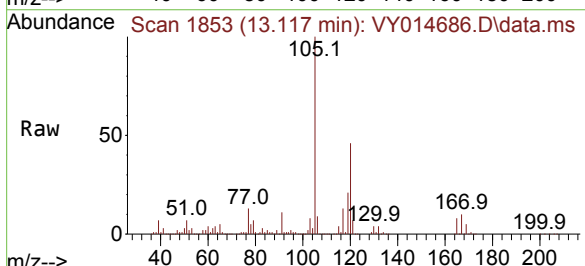
Acq: 17 Jul 2023 20:37

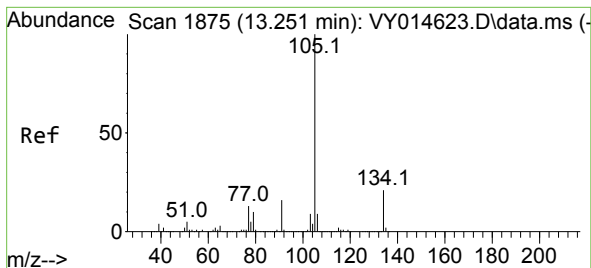
Tgt Ion:105 Resp: 596851

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.866 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

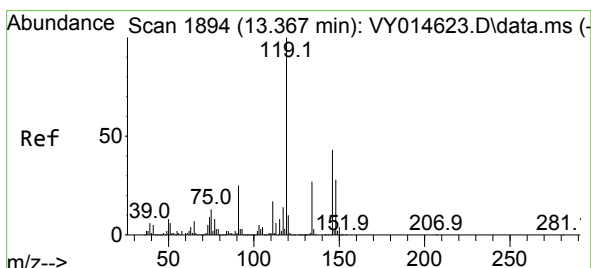
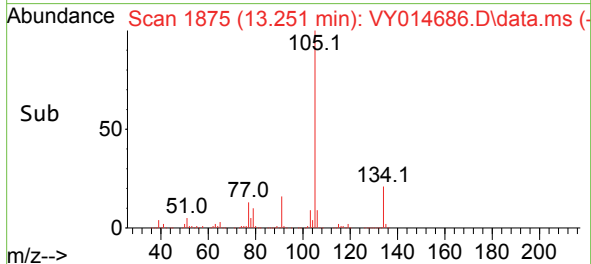
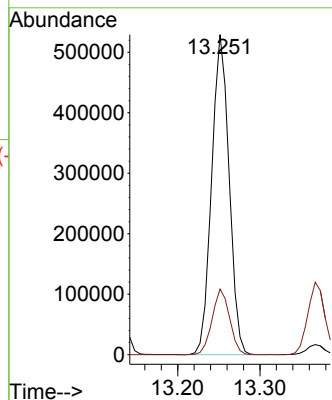
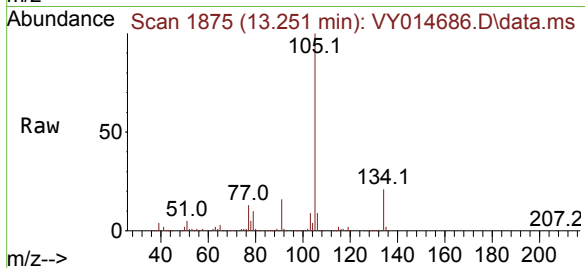
VSTDCCC050EC

Tgt Ion:105 Resp: 779423

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.866 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

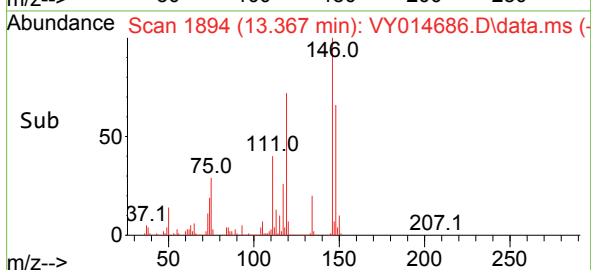
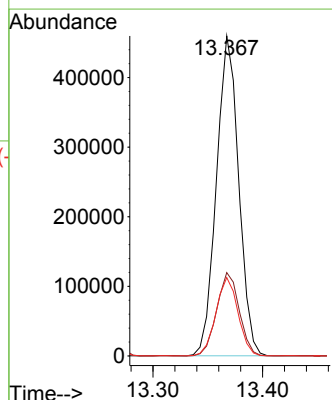
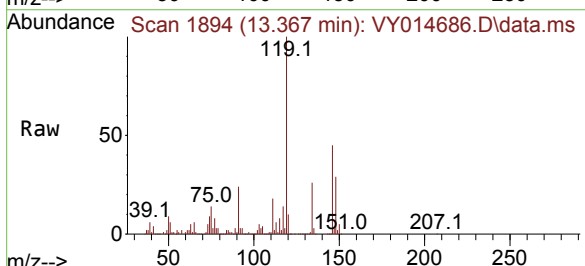
Tgt Ion:119 Resp: 648190

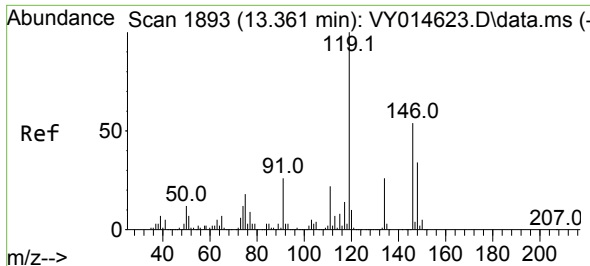
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.3 12.4 37.4

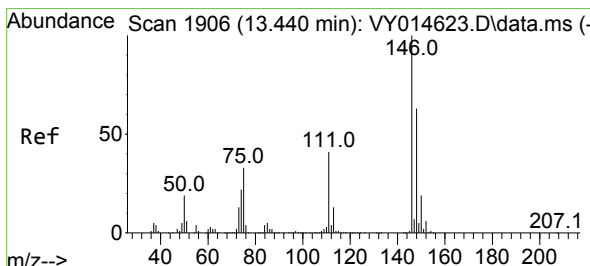
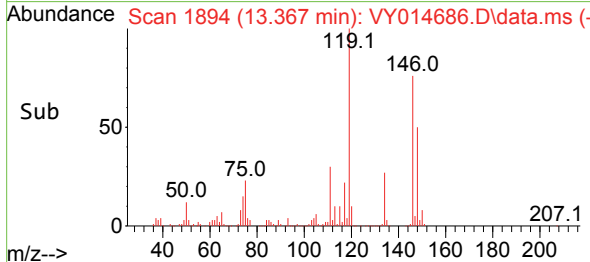
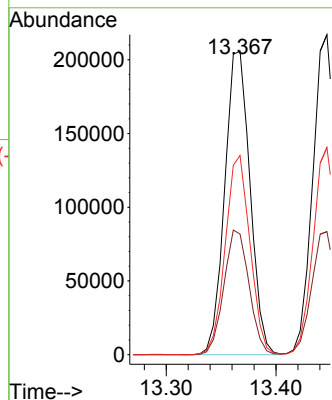
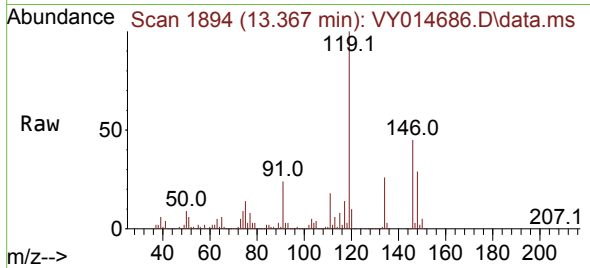




#87
1,3-Dichlorobenzene
Concen: 55.791 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

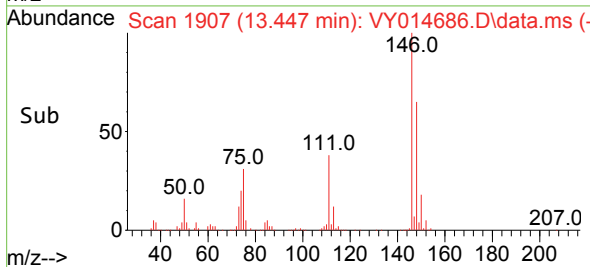
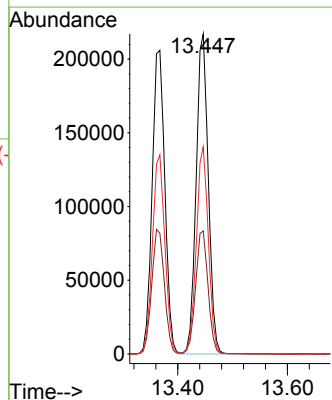
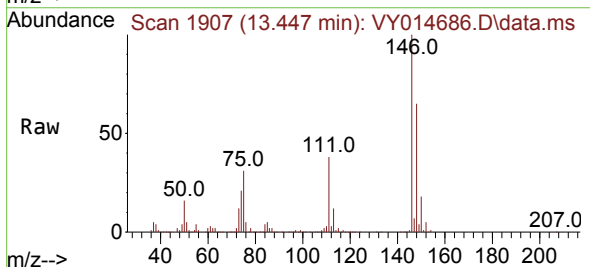
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

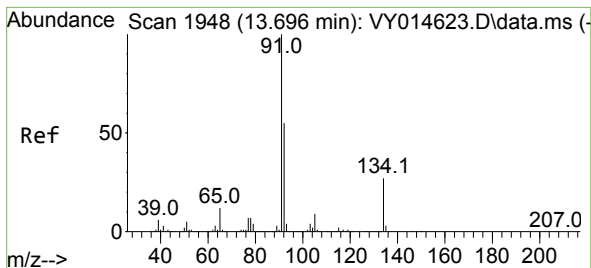
Tgt Ion:146 Resp: 330013
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 64.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 56.534 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:146 Resp: 335105
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 52.860 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

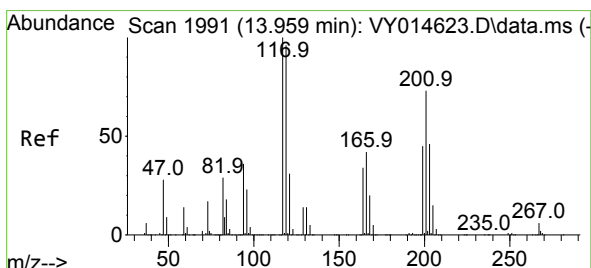
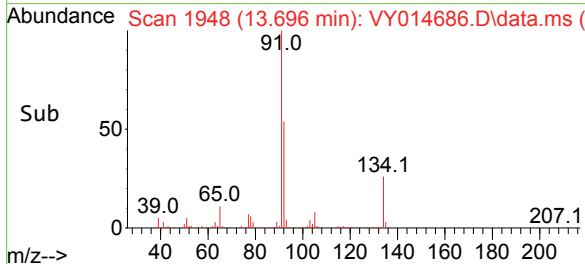
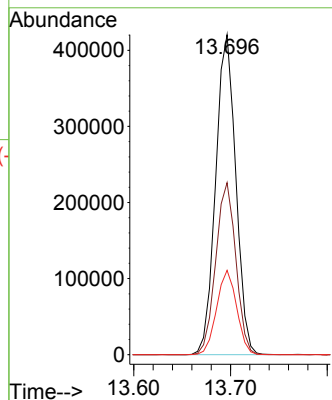
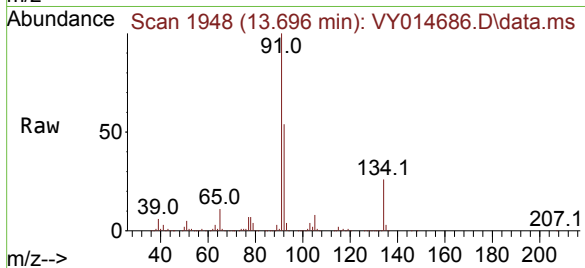
Tgt Ion: 91 Resp: 607565

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 53.815 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014686.D

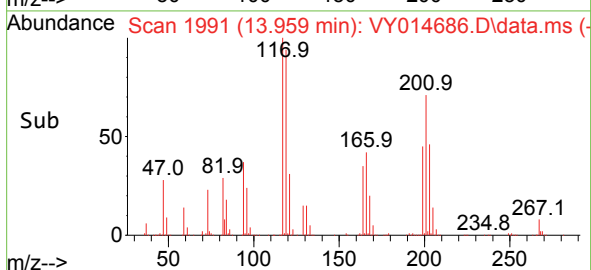
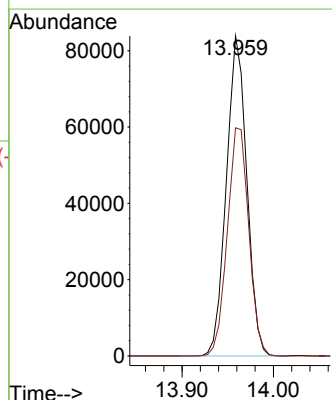
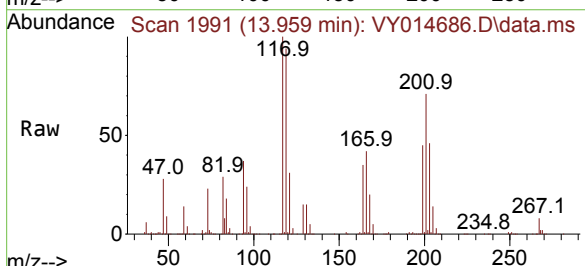
Acq: 17 Jul 2023 20:37

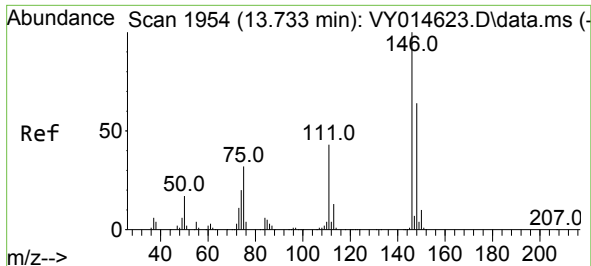
Tgt Ion: 117 Resp: 130587

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8

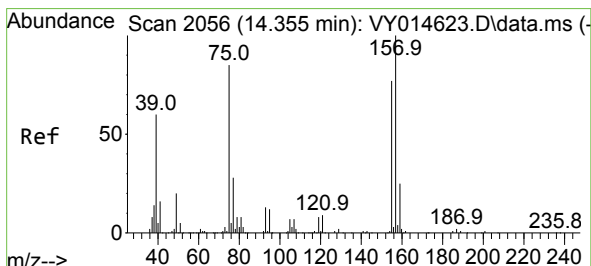
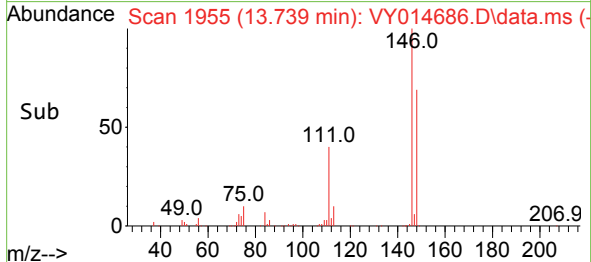
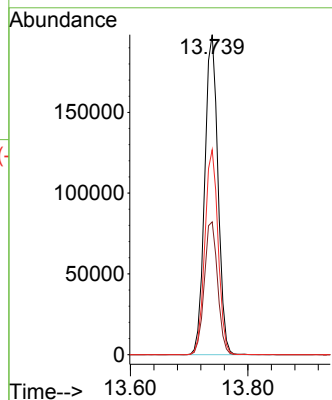
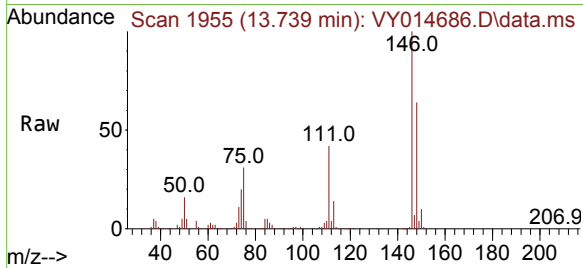




#91
1,2-Dichlorobenzene
Concen: 57.107 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

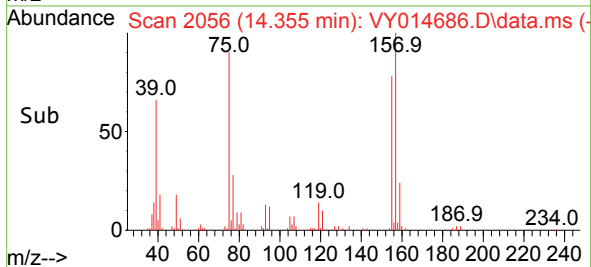
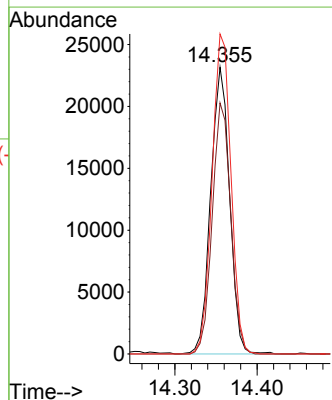
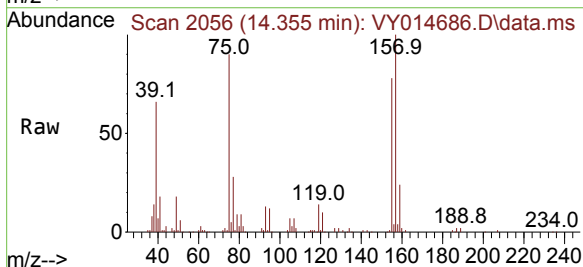
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

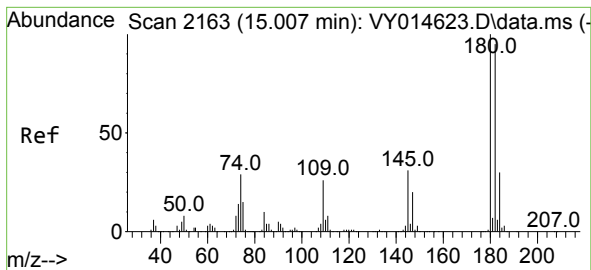
Tgt Ion:146 Resp: 309489
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.631 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 75 Resp: 36948
Ion Ratio Lower Upper
75 100
155 85.8 41.5 124.6
157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 55.574 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

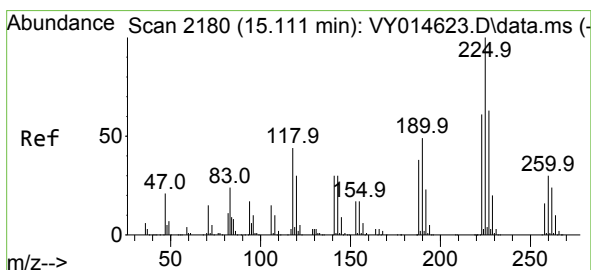
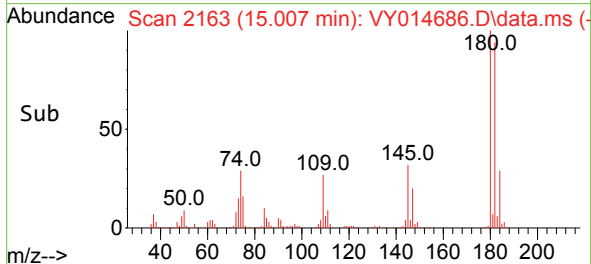
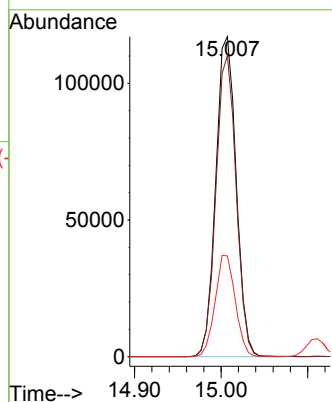
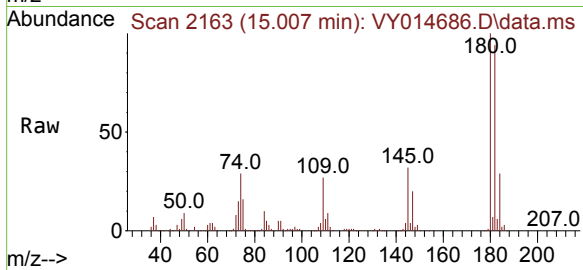
Tgt Ion:180 Resp: 191190

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.691 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

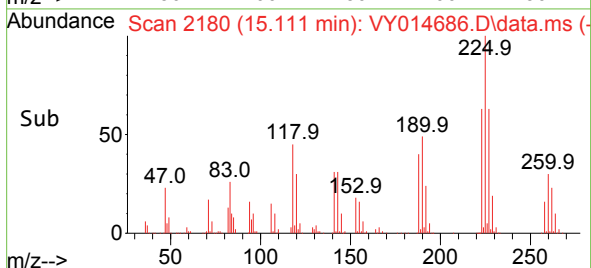
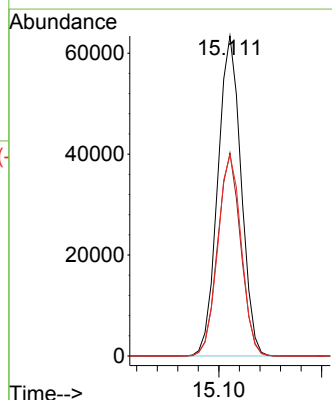
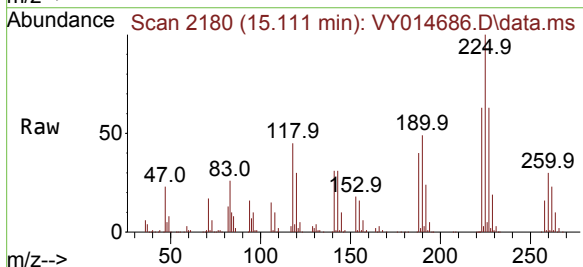
Tgt Ion:225 Resp: 99615

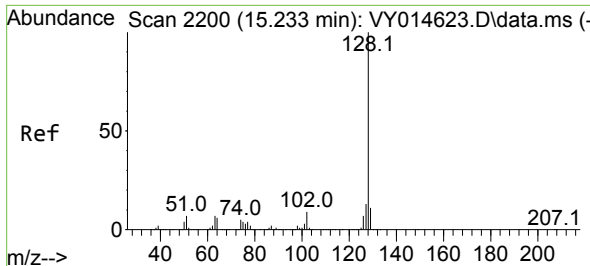
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.3 33.0 98.9

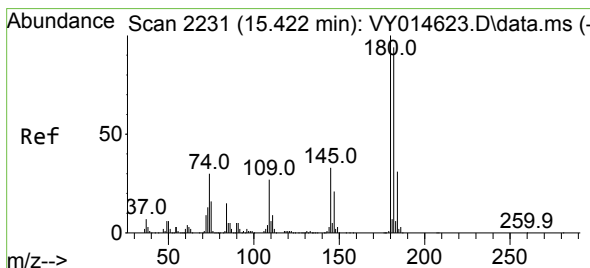
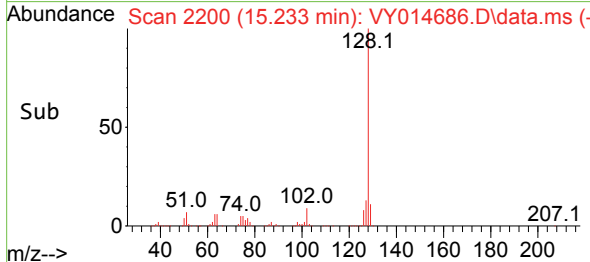
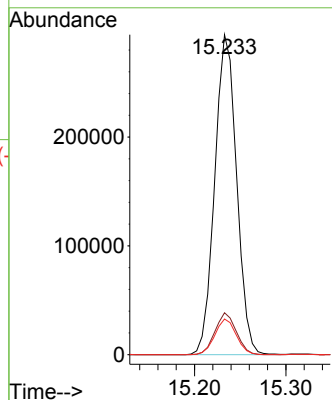
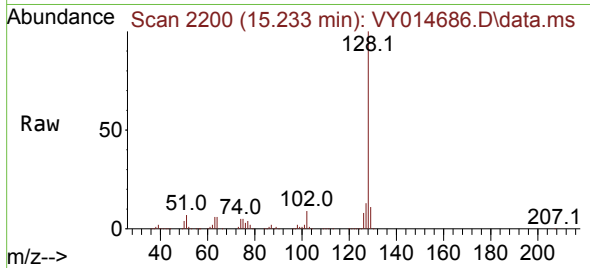




#95
Naphthalene
Concen: 60.995 ug/l
RT: 15.233 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 488876
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.211 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:180 Resp: 171866
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 33.5 15.4 46.2

