

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014897.D
 Acq On : 28 Jul 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 29 07:49:04 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	7.783	168	195139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	297039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125219	56.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.620%
35) Dibromofluoromethane	7.710	113	111947	53.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.173	98	398921	51.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.477	95	148499	50.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	64735	40.718	ug/l	98
3) Chloromethane	2.107	50	100614	56.300	ug/l	99
4) Vinyl Chloride	2.241	62	113545	56.850	ug/l	96
5) Bromomethane	2.631	94	73718	55.851	ug/l	99
6) Chloroethane	2.778	64	76380	61.222	ug/l	99
7) Trichlorofluoromethane	3.113	101	166526	49.643	ug/l	99
8) Diethyl Ether	3.521	74	66077	52.943	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	98292	47.806	ug/l	95
10) Methyl Iodide	4.076	142	104874	48.206	ug/l	98
11) Tert butyl alcohol	4.960	59	114319	248.954	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	90684	47.191	ug/l	93
13) Acrolein	3.723	56	46743	201.115	ug/l	100
14) Allyl chloride	4.466	41	155986	45.718	ug/l	97
15) Acrylonitrile	5.155	53	211592	307.438	ug/l	99
16) Acetone	3.948	43	224915	319.183	ug/l	95
17) Carbon Disulfide	4.180	76	228985	41.622	ug/l	100
18) Methyl Acetate	4.472	43	171325	63.356	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	345269	55.313	ug/l	100
20) Methylene Chloride	4.704	84	120113	52.699	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	107652	49.365	ug/l	96
22) Diisopropyl ether	6.112	45	353165	50.912	ug/l	91
23) Vinyl Acetate	6.051	43	1129944	272.198	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	200983	50.637	ug/l	98
25) 2-Butanone	6.978	43	328969	319.106	ug/l	98
26) 2,2-Dichloropropane	6.972	77	181285	47.923	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	132702	52.279	ug/l	94
28) Bromochloromethane	7.319	49	91593	53.581	ug/l	94
29) Tetrahydrofuran	7.344	42	200004	315.072	ug/l	93
30) Chloroform	7.496	83	216855	52.982	ug/l	96
31) Cyclohexane	7.777	56	153721	41.644	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	186075	50.512	ug/l	99
36) 1,1-Dichloropropene	7.911	75	149237	47.510	ug/l	99
37) Ethyl Acetate	7.063	43	128305	59.326	ug/l	96
38) Carbon Tetrachloride	7.892	117	163370	49.200	ug/l	99
39) Methylcyclohexane	9.179	83	178442	43.603	ug/l	94
40) Benzene	8.155	78	447125	50.049	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	180860	162.585	ug/l #	29
42) 1,2-Dichloroethane	8.228	62	154602	54.648	ug/l	95
43) Isopropyl Acetate	8.264	43	232531	56.443	ug/l	98
44) Trichloroethene	8.935	130	125139	50.064	ug/l	97
45) 1,2-Dichloropropane	9.209	63	117467	50.355	ug/l	97
46) Dibromomethane	9.301	93	77543	54.793	ug/l	95
47) Bromodichloromethane	9.490	83	176470	52.907	ug/l	99
48) Methyl methacrylate	9.289	41	103668	55.923	ug/l	94
49) 1,4-Dioxane	9.301	88	29332	1271.104	ug/l #	52
51) 4-Methyl-2-Pentanone	10.063	43	676669	312.830	ug/l	95
52) Toluene	10.240	92	284261	49.725	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	187731	51.455	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	199947	50.395	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	110048	55.825	ug/l	94
56) Ethyl methacrylate	10.502	69	165166	54.875	ug/l	91
57) 1,3-Dichloropropane	10.782	76	183814	54.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	418170	298.175	ug/l	94
59) 2-Hexanone	10.825	43	503998	319.508	ug/l	93
60) Dibromochloromethane	10.977	129	131809	54.535	ug/l	100
61) 1,2-Dibromoethane	11.081	107	109231	55.544	ug/l	99
64) Tetrachloroethene	10.715	164	122082	51.102	ug/l	98
65) Chlorobenzene	11.508	112	321031	50.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	125031	52.388	ug/l	98
67) Ethyl Benzene	11.587	91	558817	48.897	ug/l	98
68) m/p-Xylenes	11.697	106	431674	98.950	ug/l	96
69) o-Xylene	12.026	106	210908	49.635	ug/l	98
70) Styrene	12.038	104	365165	50.989	ug/l	97
71) Bromoform	12.203	173	90297	55.818	ug/l #	100
73) Isopropylbenzene	12.325	105	556034	46.976	ug/l	100
74) N-amyl acetate	12.136	43	206855	52.179	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	147571	54.671	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	189073	99.031	ug/l #	100
77) Bromobenzene	12.605	156	136460	50.505	ug/l	97
78) n-propylbenzene	12.666	91	666934	46.759	ug/l	100
79) 2-Chlorotoluene	12.751	91	381324	46.416	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	465400	47.080	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	49494	50.193	ug/l	95
82) 4-Chlorotoluene	12.849	91	388996	45.975	ug/l	98
83) tert-Butylbenzene	13.068	119	404486	46.127	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	467194	48.158	ug/l	98
85) sec-Butylbenzene	13.245	105	602277	46.821	ug/l	99
86) p-Isopropyltoluene	13.367	119	507117	48.285	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	268083	50.980	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	267527	50.769	ug/l	99
89) n-Butylbenzene	13.690	91	476897	46.672	ug/l	97
90) Hexachloroethane	13.952	117	98376	45.603	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	247603	51.392	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	28786	55.764	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	162327	53.076	ug/l	99
94) Hexachlorobutadiene	15.105	225	82384	49.018	ug/l	98
95) Naphthalene	15.233	128	411307	57.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	147196	54.154	ug/l	99

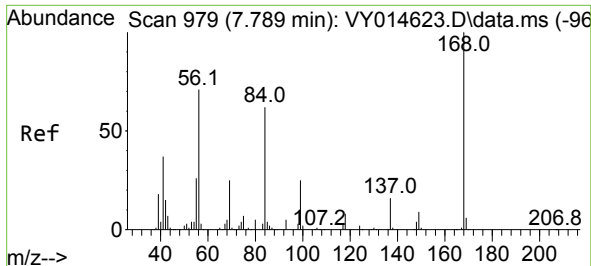
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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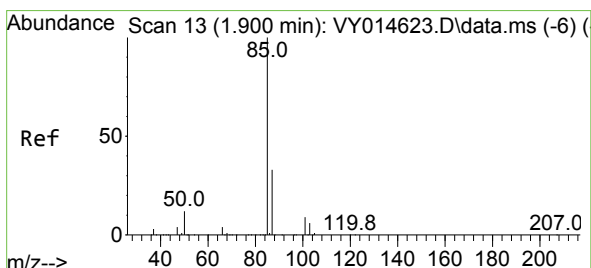
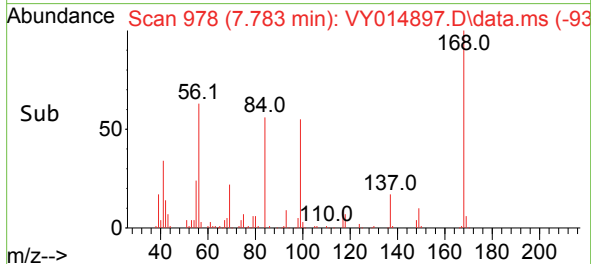
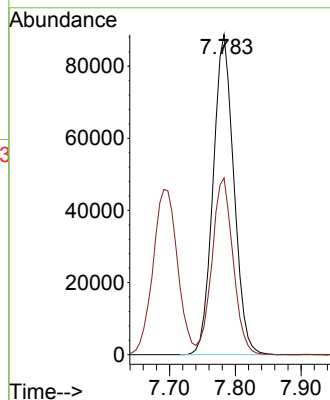
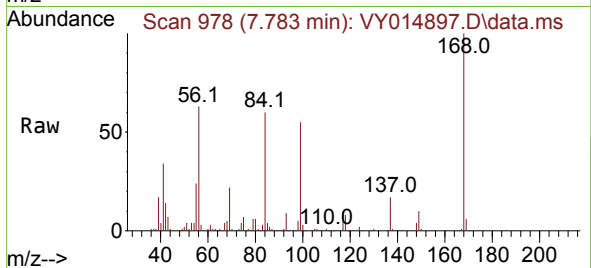
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014897.D
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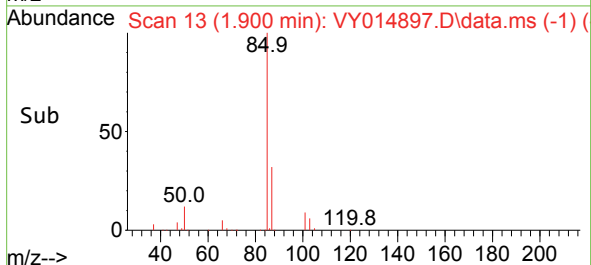
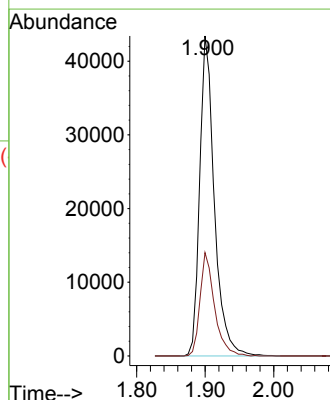
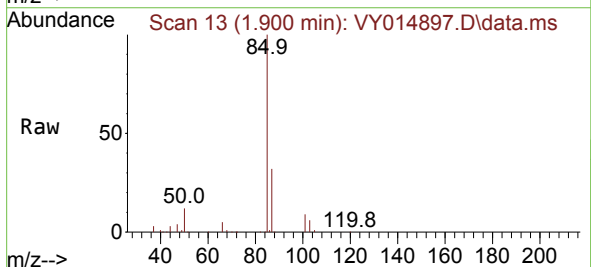
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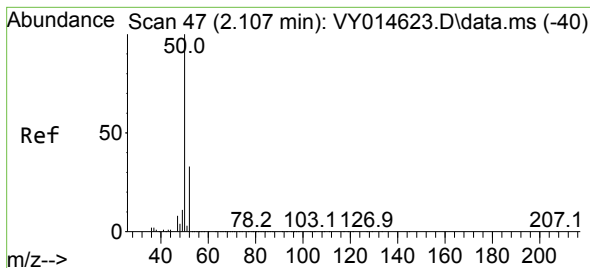
Tgt Ion:168 Resp: 195139
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 40.718 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 85 Resp: 64735
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 56.300 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

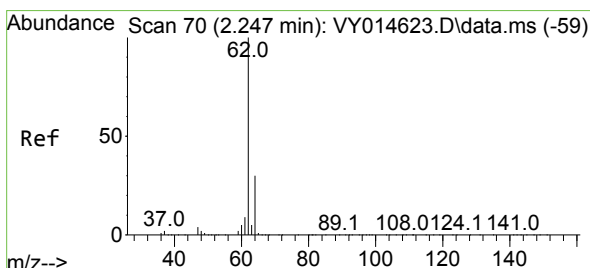
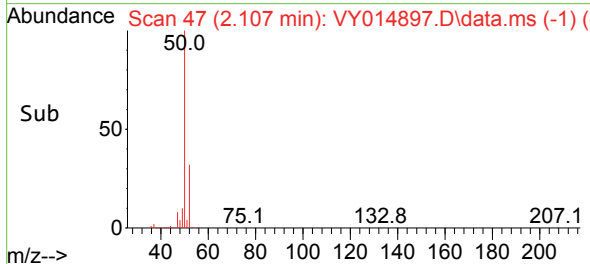
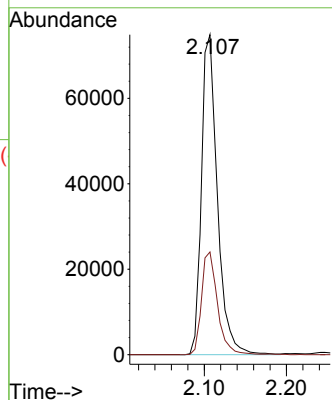
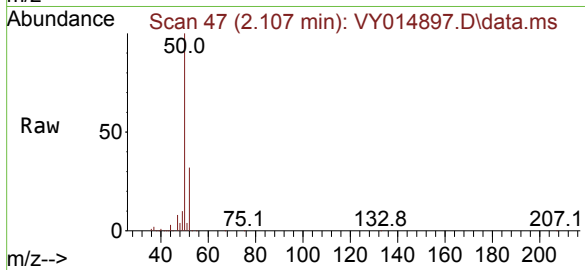
VSTDCCC050

Tgt Ion: 50 Resp: 100614

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 56.850 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY014897.D

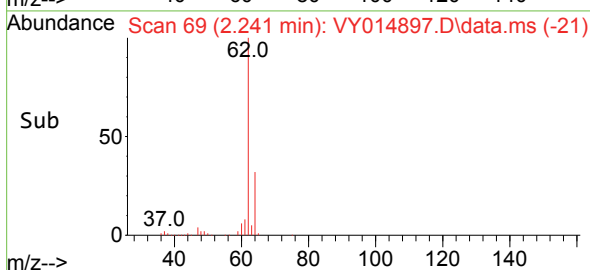
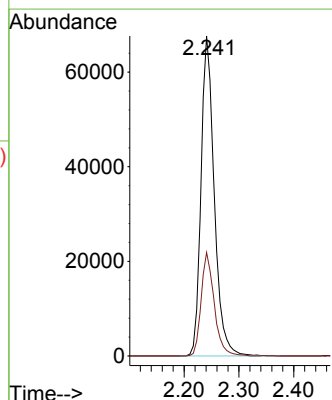
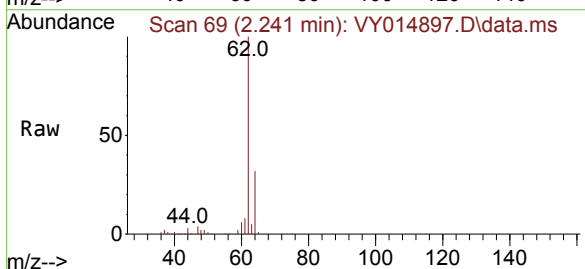
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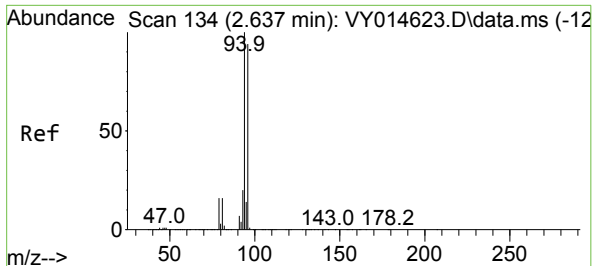
Tgt Ion: 62 Resp: 113545

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5

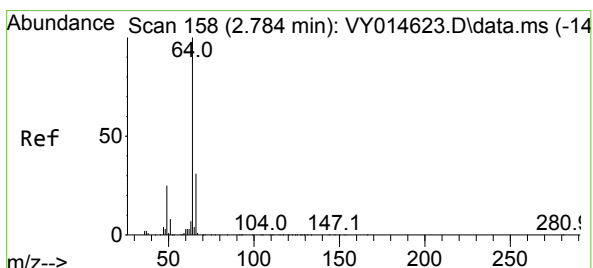
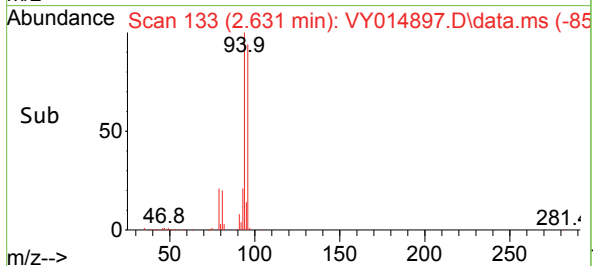
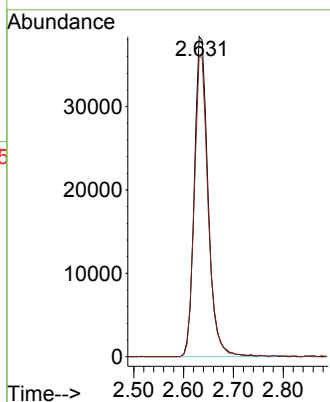
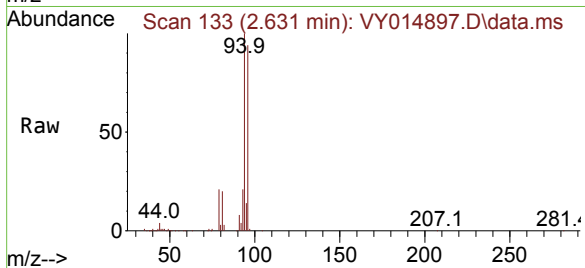




#5
Bromomethane
Concen: 55.851 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014897.D
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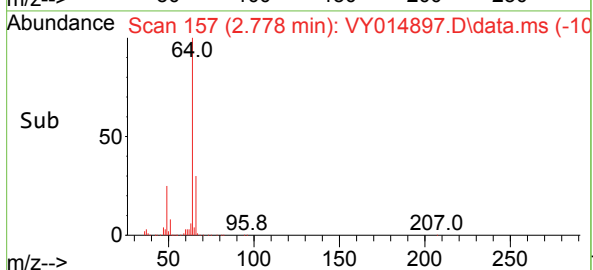
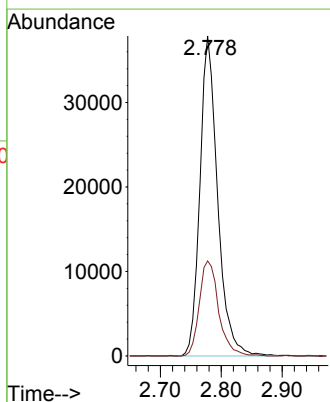
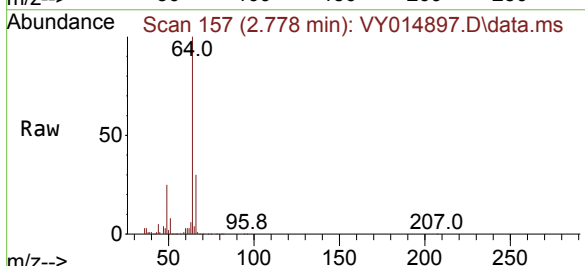
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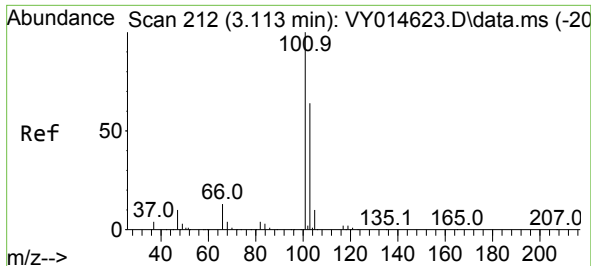
Tgt Ion: 94 Resp: 73718
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.6



#6
Chloroethane
Concen: 61.222 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 64 Resp: 76380
Ion Ratio Lower Upper
64 100
66 29.7 24.4 36.6

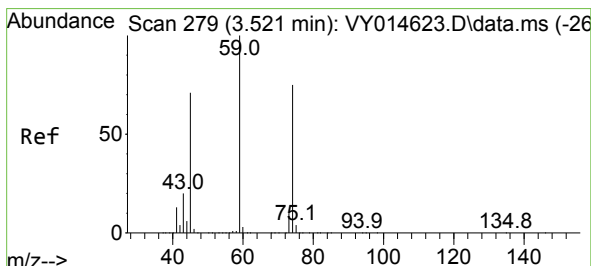
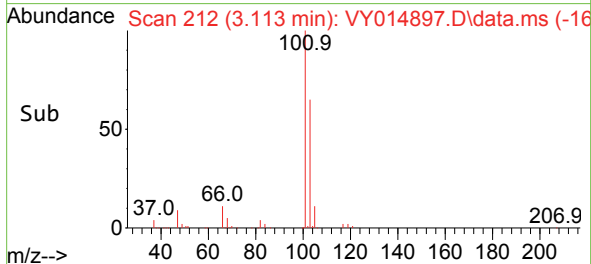
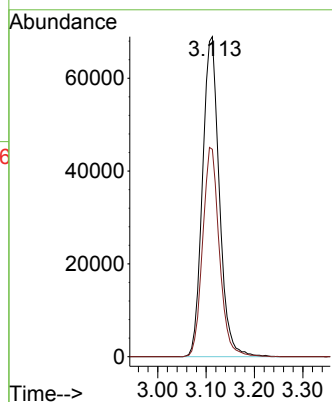
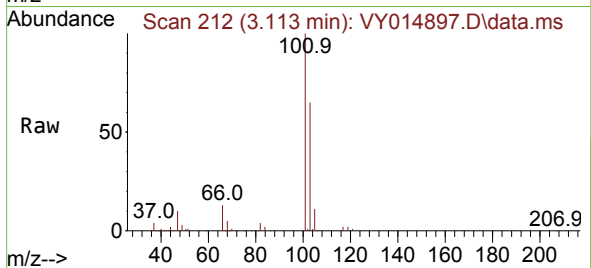




#7
 Trichlorofluoromethane
 Concen: 49.643 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014897.D
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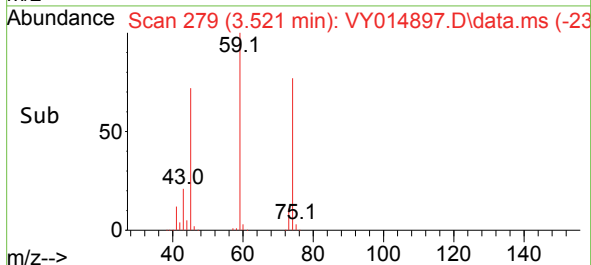
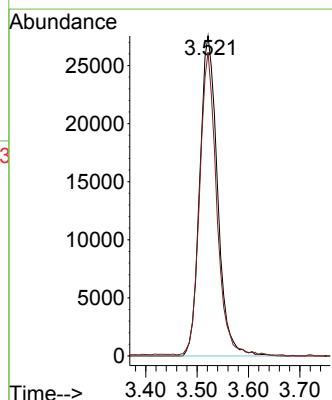
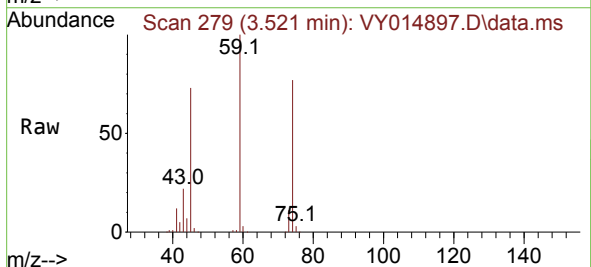
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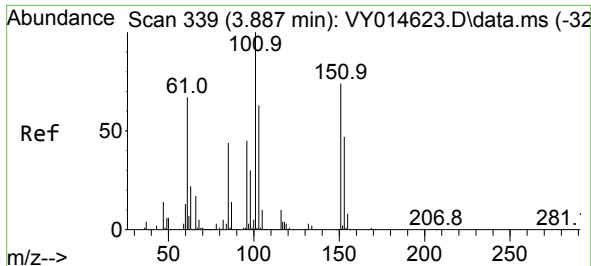
Tgt Ion:101 Resp: 166526
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.943 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

Tgt Ion: 74 Resp: 66077
 Ion Ratio Lower Upper
 74 100
 45 90.7 51.5 154.5

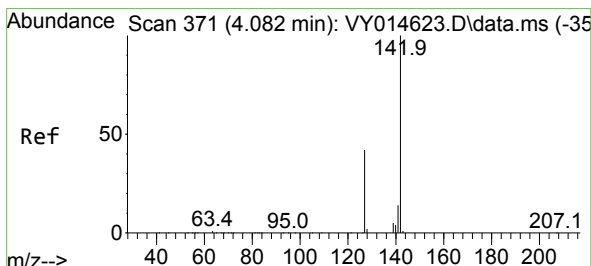
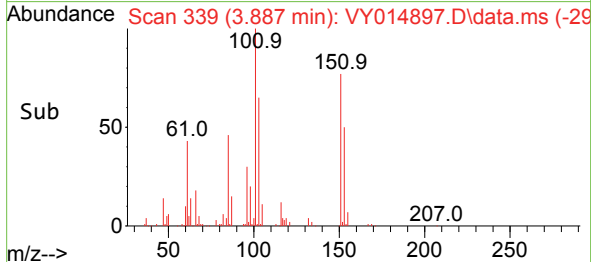
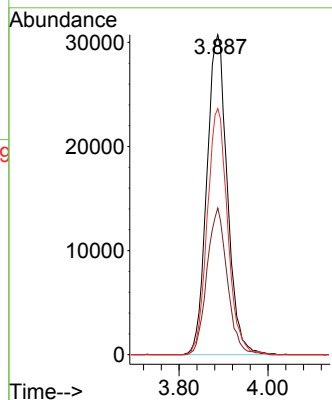
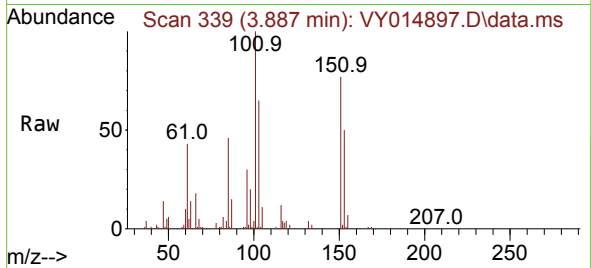




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.806 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY014897.D
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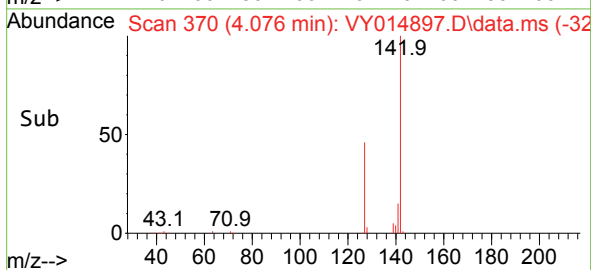
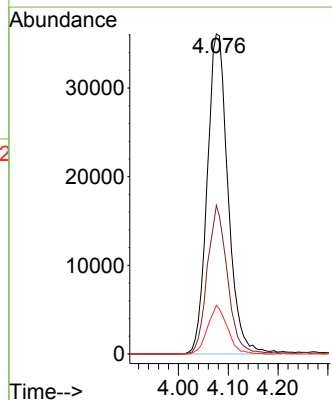
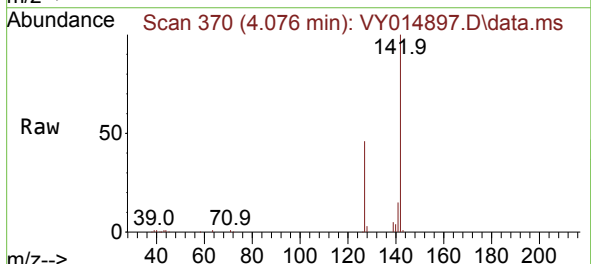
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ClientSampleId :
VSTDCCC050

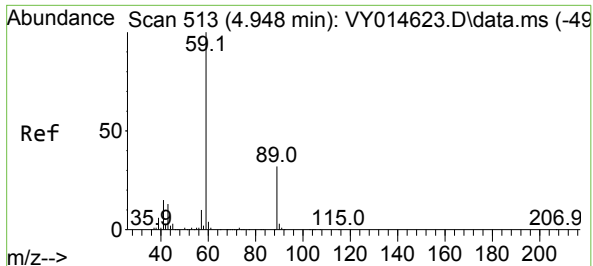
Tgt Ion:101 Resp: 98292
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 76.7 67.0 100.6



#10
Methyl Iodide
Concen: 48.206 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:142 Resp: 104874
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.4 11.8 17.8

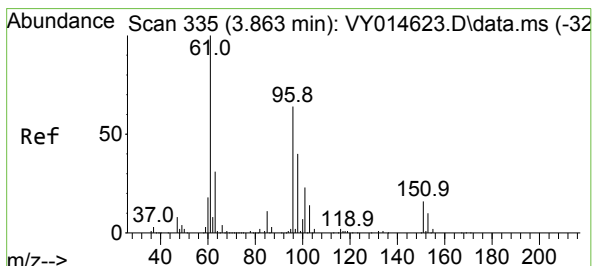
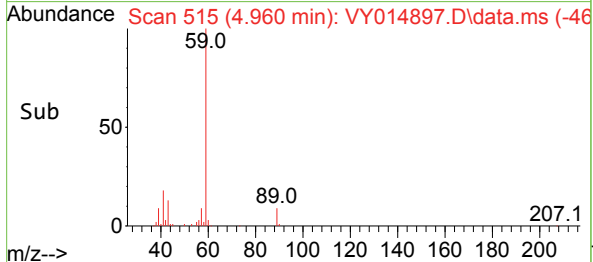
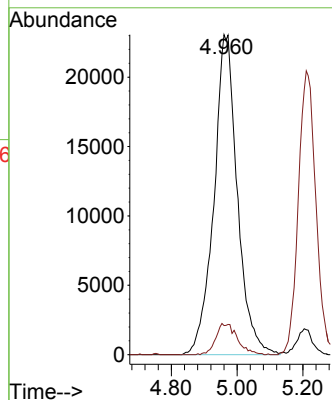
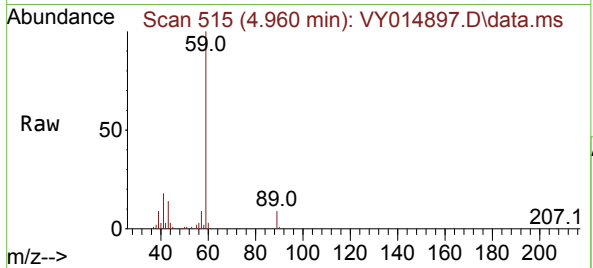




#11
Tert butyl alcohol
Concen: 248.954 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

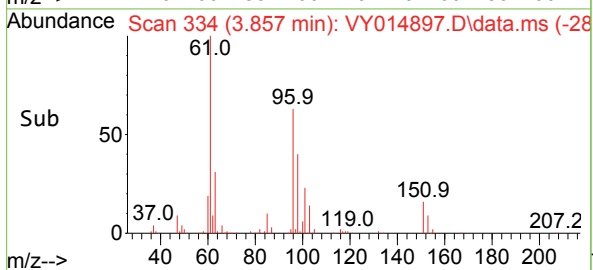
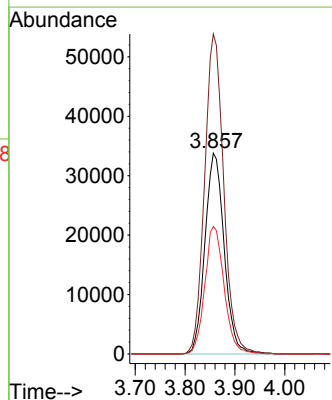
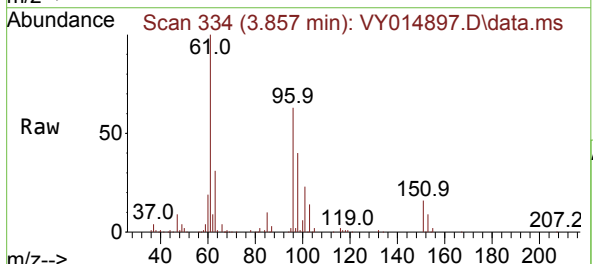
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

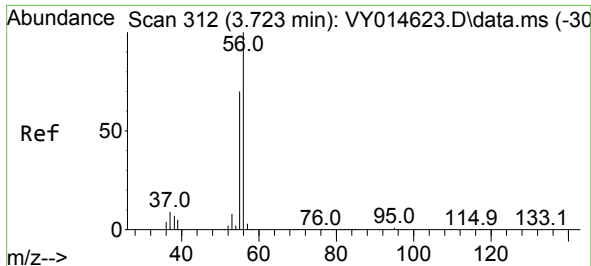
Tgt Ion: 59 Resp: 114319
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.191 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 96 Resp: 90684
Ion Ratio Lower Upper
96 100
61 159.4 136.4 204.6
98 63.5 49.4 74.2

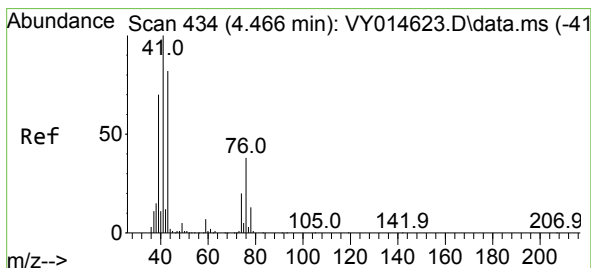
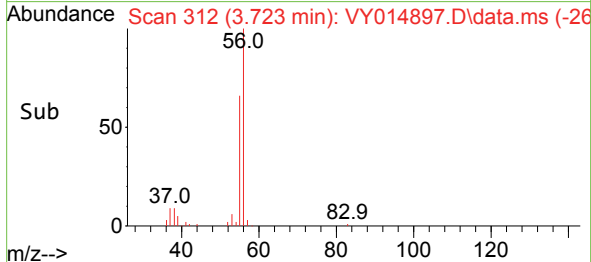
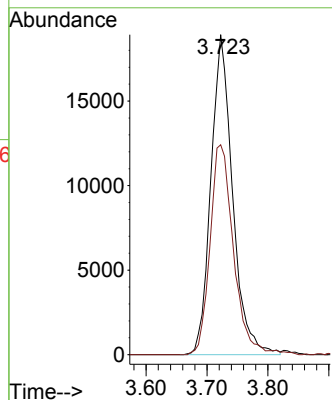
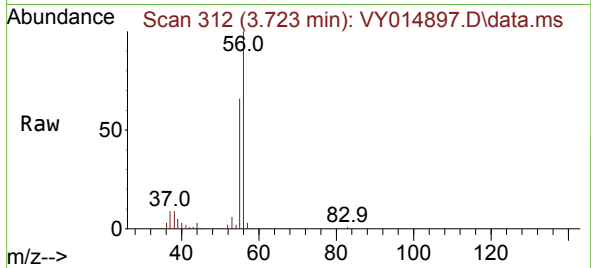




#13
Acrolein
Concen: 201.115 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

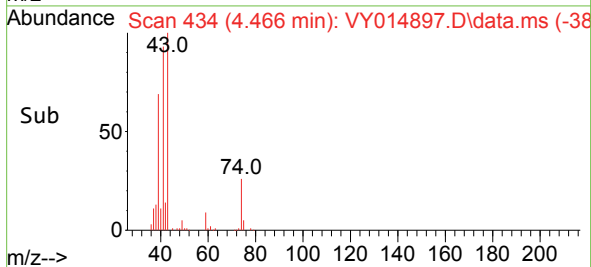
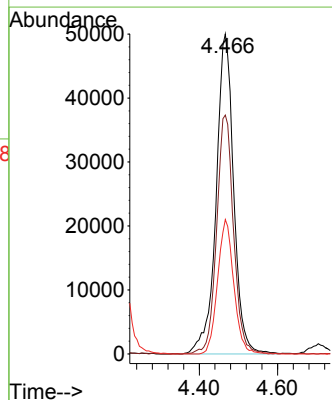
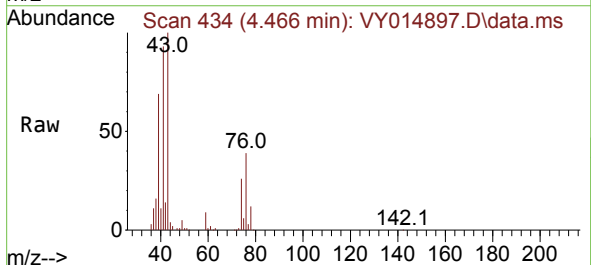
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

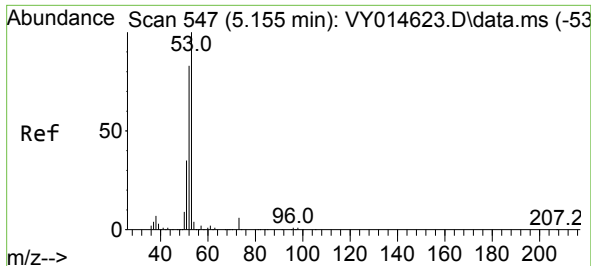
Tgt Ion: 56 Resp: 46743
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 45.718 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 41 Resp: 155986
Ion Ratio Lower Upper
41 100
39 71.9 58.0 87.0
76 38.7 27.4 41.2

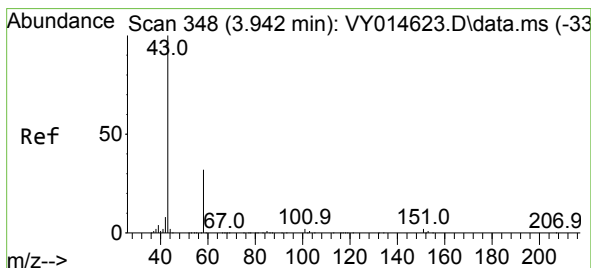
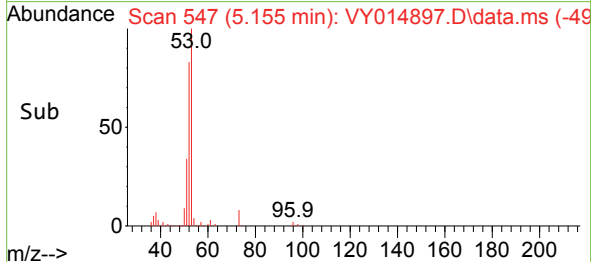
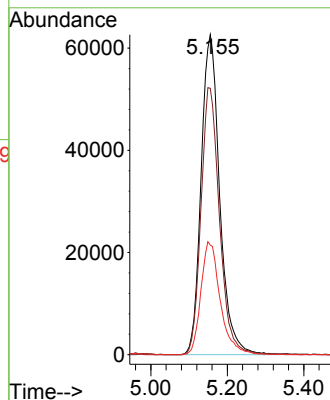
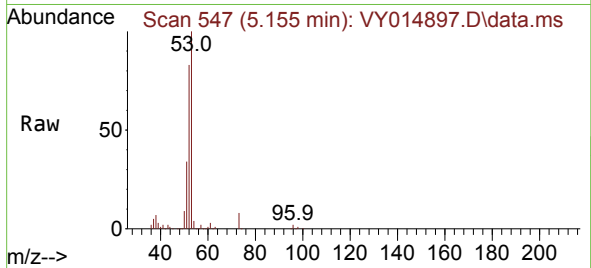




#15
Acrylonitrile
Concen: 307.438 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

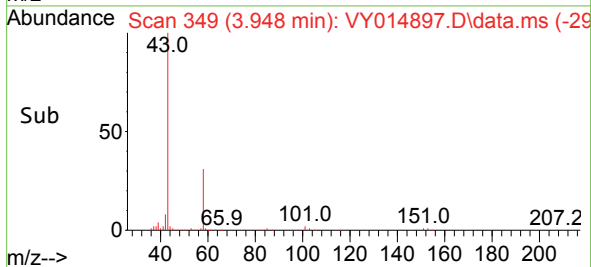
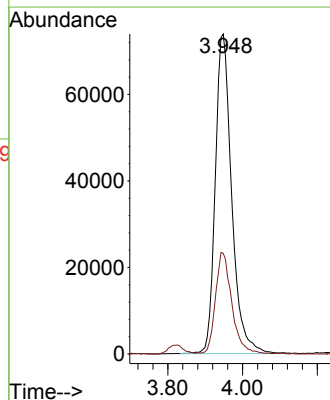
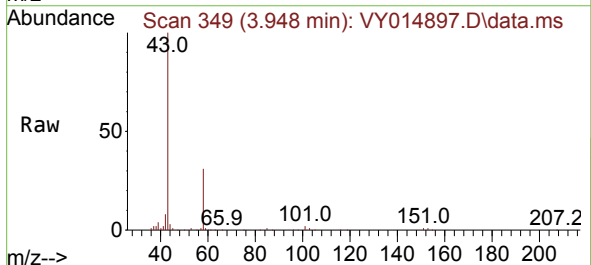
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

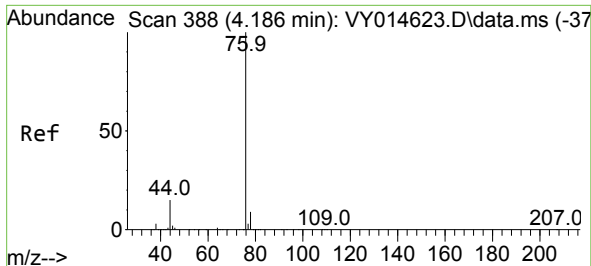
Tgt Ion: 53 Resp: 211592
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 319.183 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 43 Resp: 224915
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

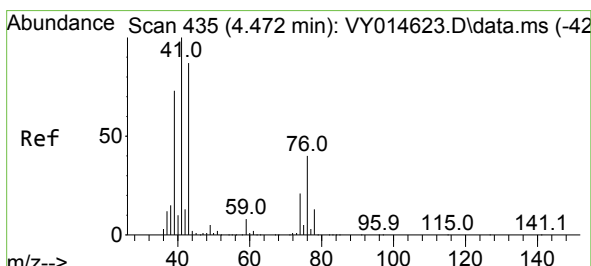
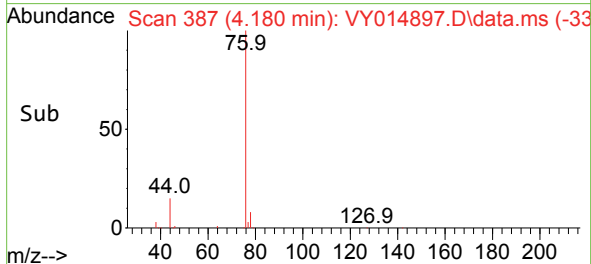
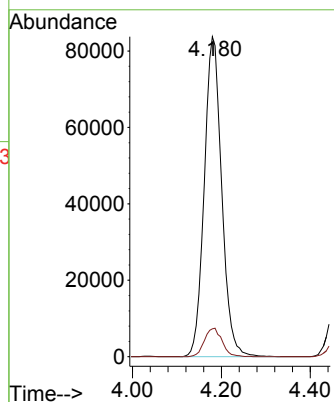
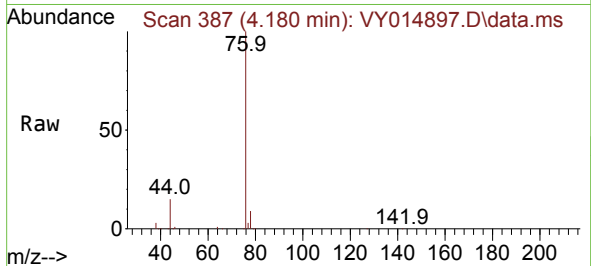




#17
Carbon Disulfide
Concen: 41.622 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

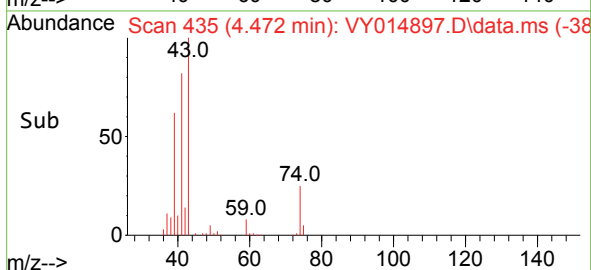
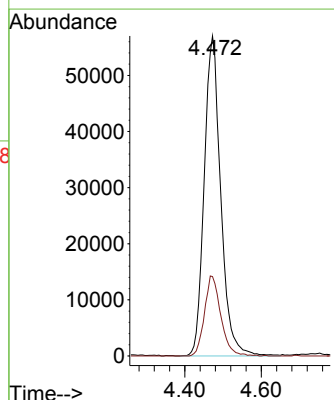
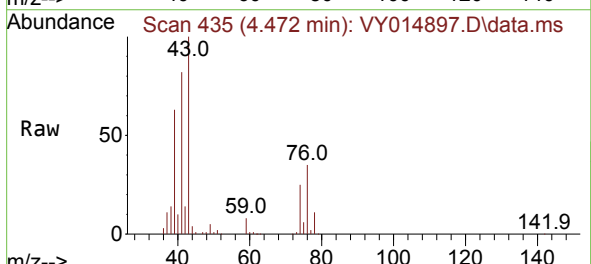
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

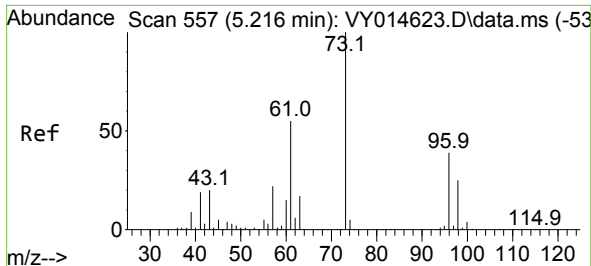
Tgt Ion: 76 Resp: 228985
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 63.356 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 43 Resp: 171325
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

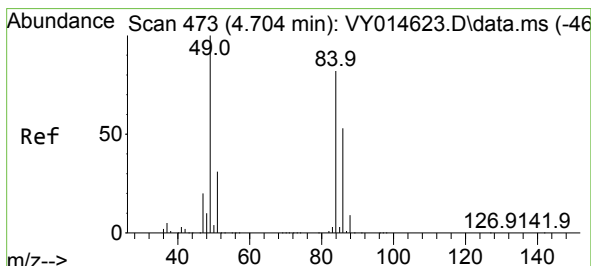
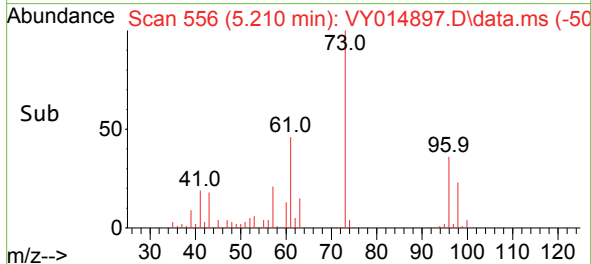
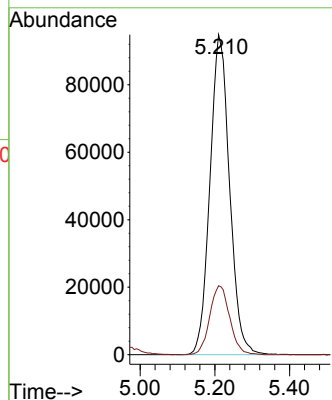
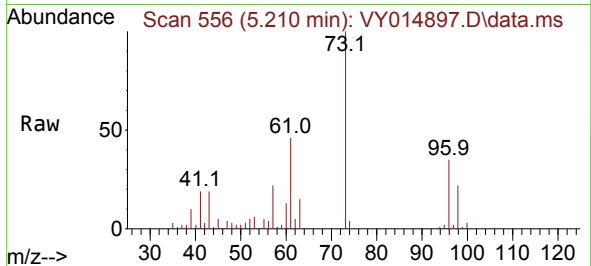




#19
Methyl tert-butyl Ether
Concen: 55.313 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

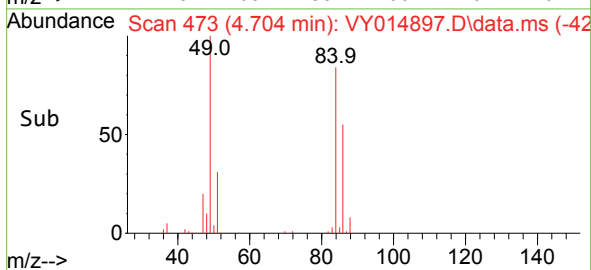
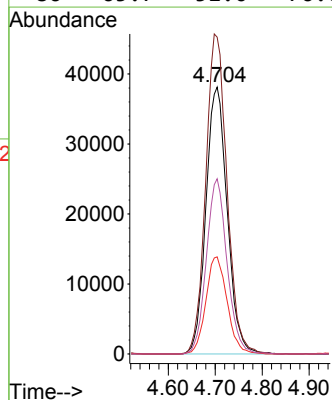
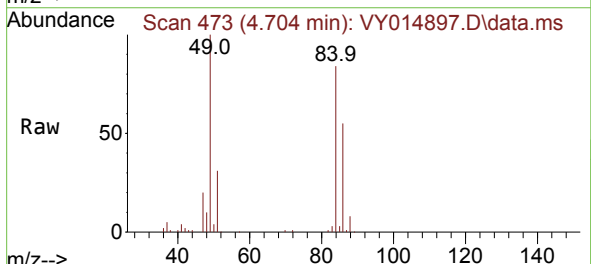
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

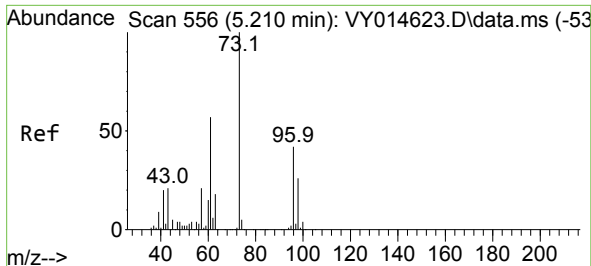
Tgt Ion: 73 Resp: 345269
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 52.699 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 84 Resp: 120113
Ion Ratio Lower Upper
84 100
49 118.7 106.9 160.3
51 36.4 33.2 49.8
86 65.7 51.0 76.6

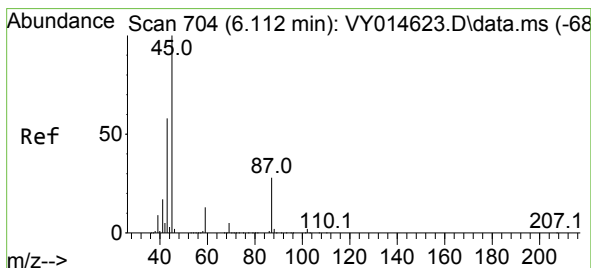
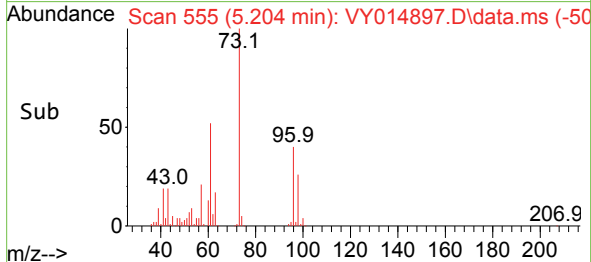
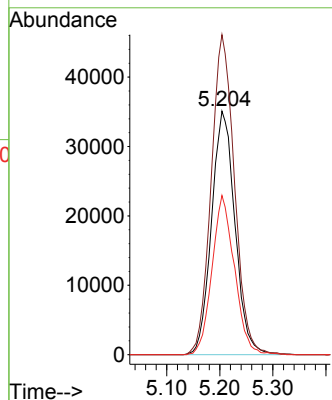
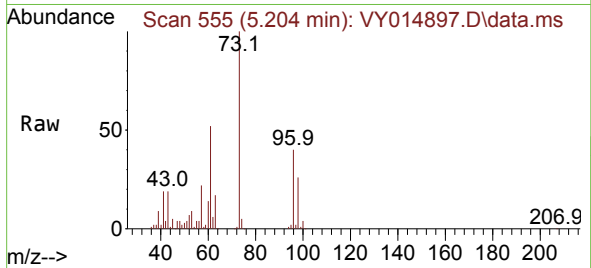




#21
trans-1,2-Dichloroethene
Concen: 49.365 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

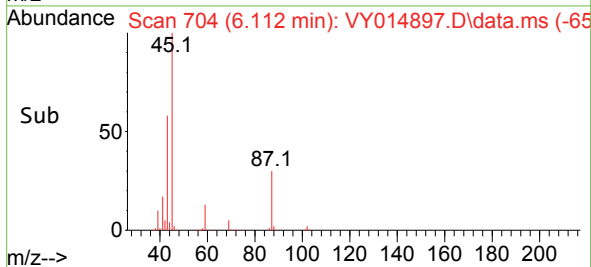
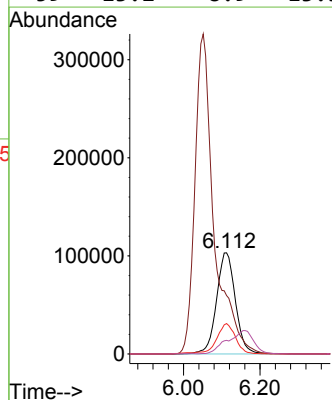
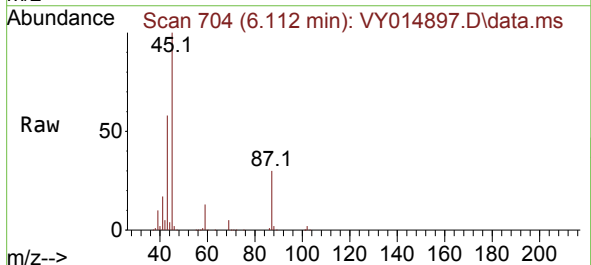
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

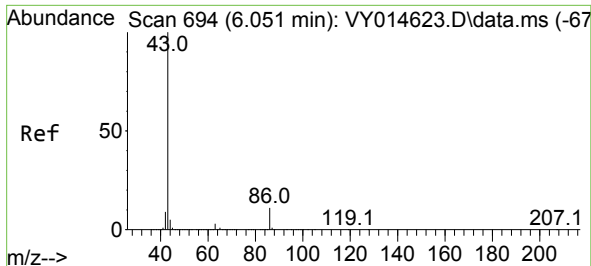
Tgt Ion: 96 Resp: 107652
Ion Ratio Lower Upper
96 100
61 131.4 110.2 165.4
98 65.4 51.8 77.6



#22
Diisopropyl ether
Concen: 50.912 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 45 Resp: 353165
Ion Ratio Lower Upper
45 100
43 57.5 52.2 78.4
87 30.2 21.0 31.6
59 13.2 8.9 13.3

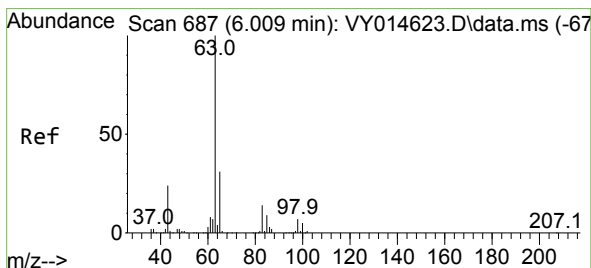
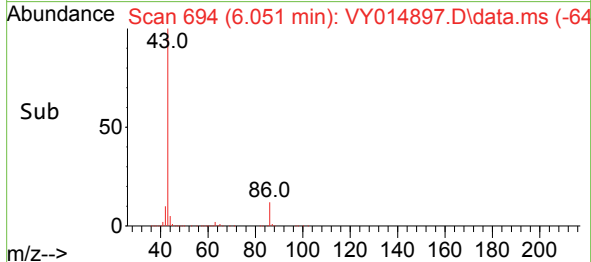
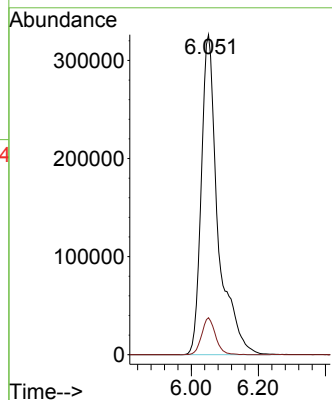
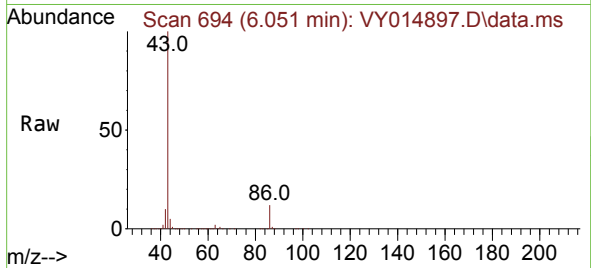




#23
 Vinyl Acetate
 Concen: 272.198 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

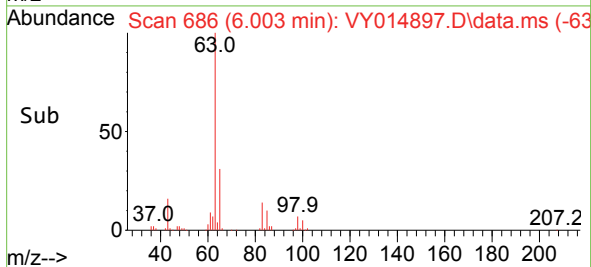
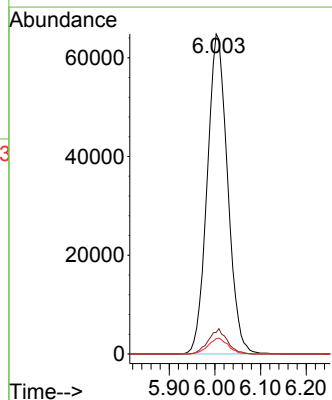
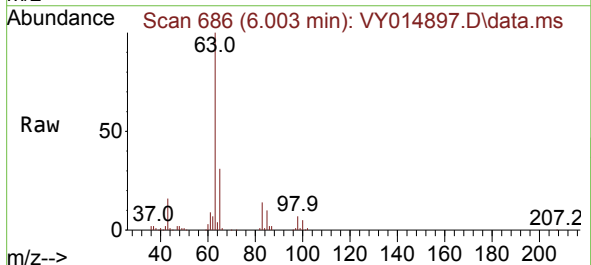
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

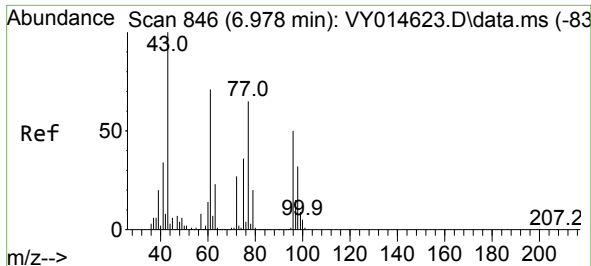
Tgt Ion: 43 Resp: 1129944
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.637 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

Tgt Ion: 63 Resp: 200983
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.8 1.8 5.5

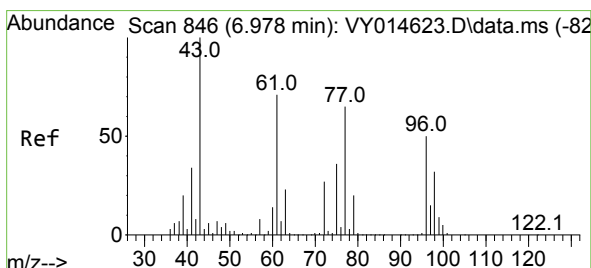
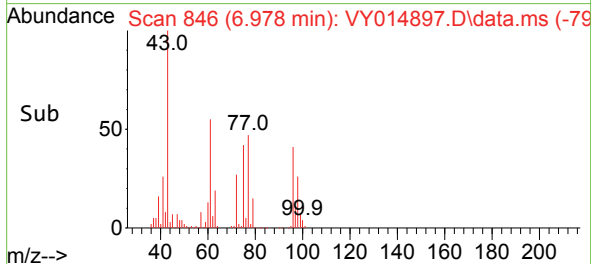
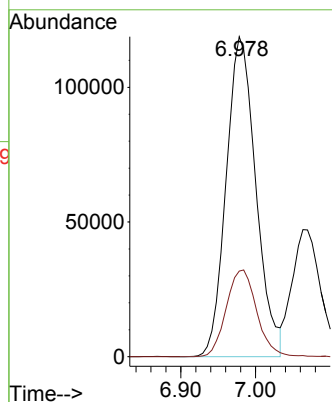
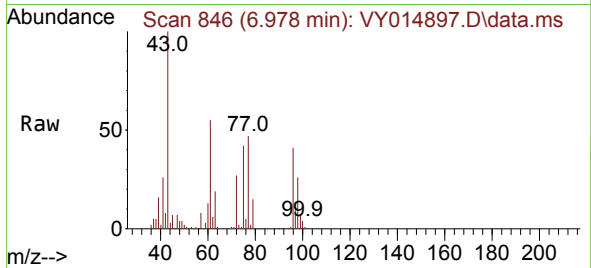




#25
2-Butanone
Concen: 319.106 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

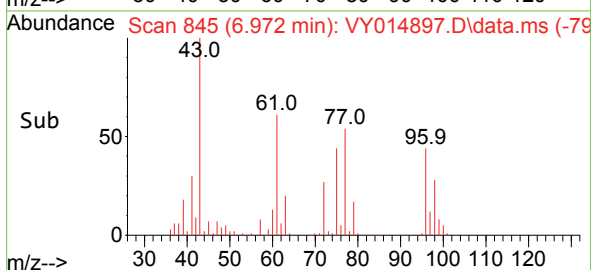
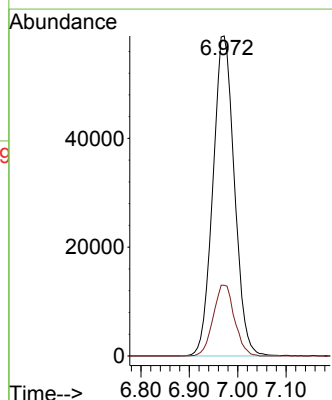
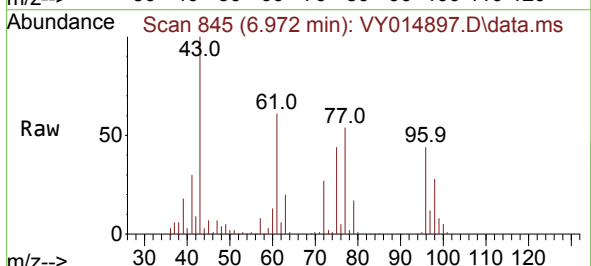
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

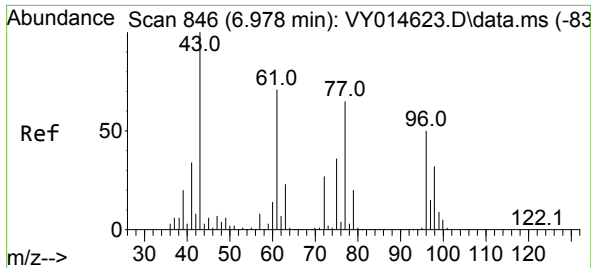
Tgt Ion: 43 Resp: 328969
Ion Ratio Lower Upper
43 100
72 26.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.923 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 77 Resp: 181285
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

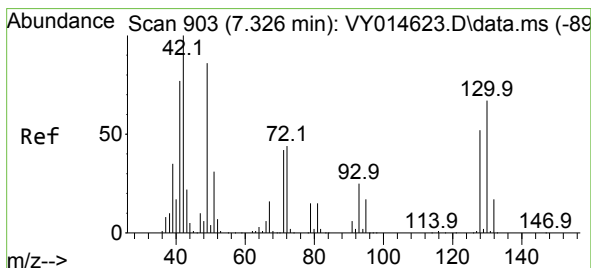
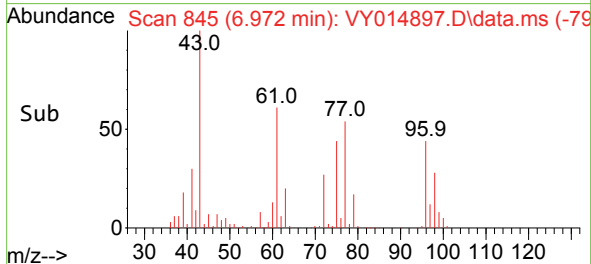
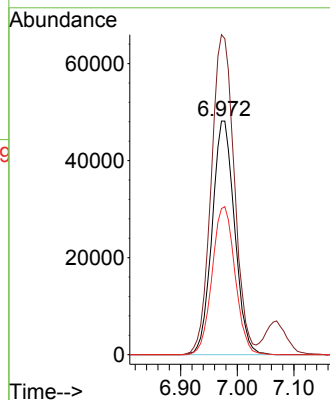
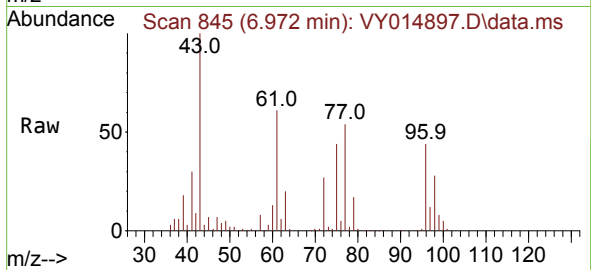




#27
 cis-1,2-Dichloroethene
 Concen: 52.279 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

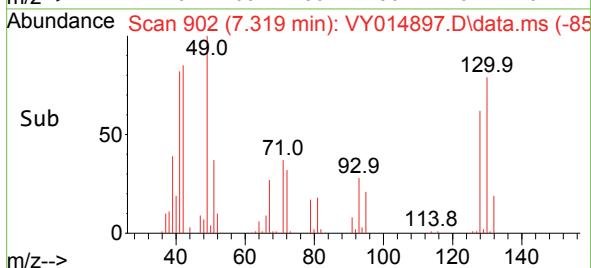
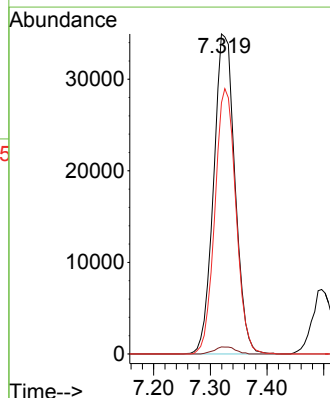
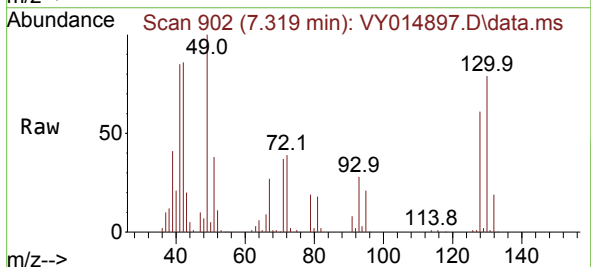
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

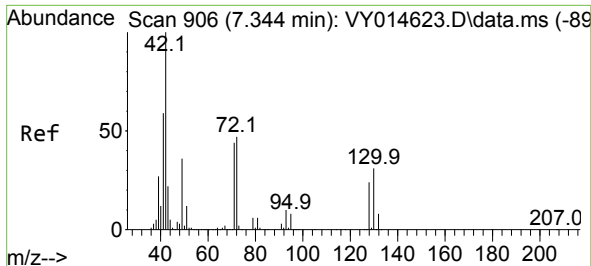
Tgt Ion: 96 Resp: 132702
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 53.581 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.007 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

Tgt Ion: 49 Resp: 91593
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 315.072 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

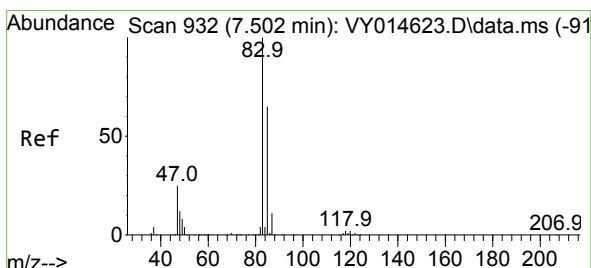
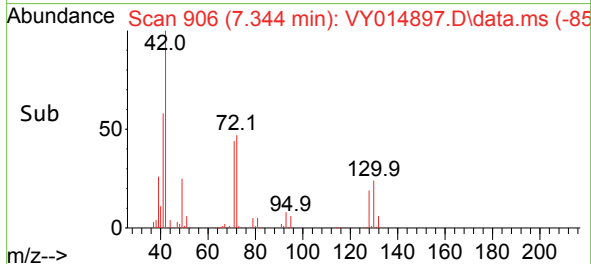
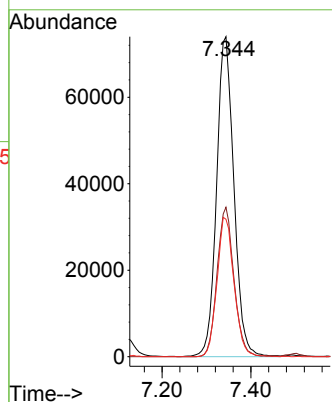
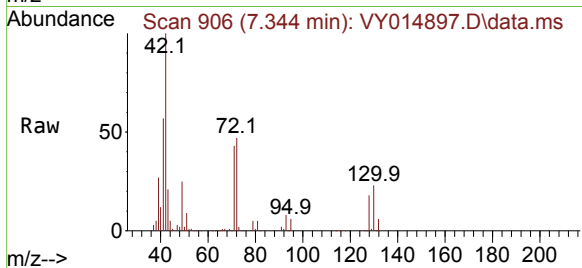
Tgt Ion: 42 Resp: 200004

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 52.982 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY014897.D

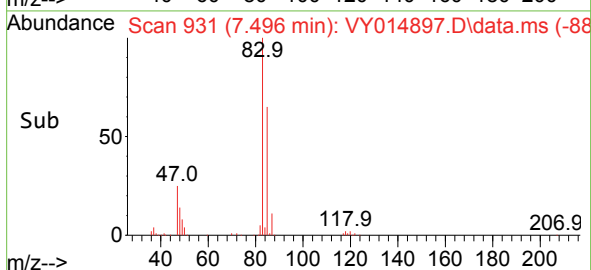
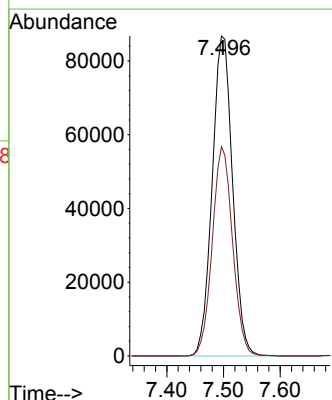
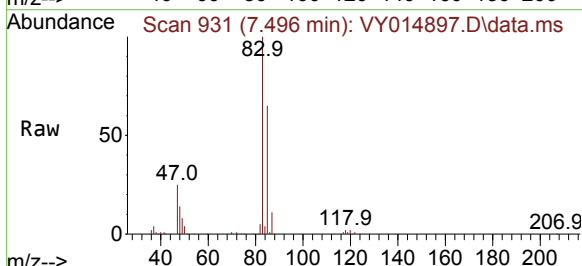
Acq: 28 Jul 2023 09:54

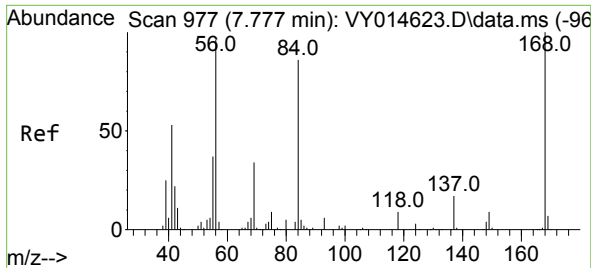
Tgt Ion: 83 Resp: 216855

Ion Ratio Lower Upper

83 100

85 65.4 49.7 74.5

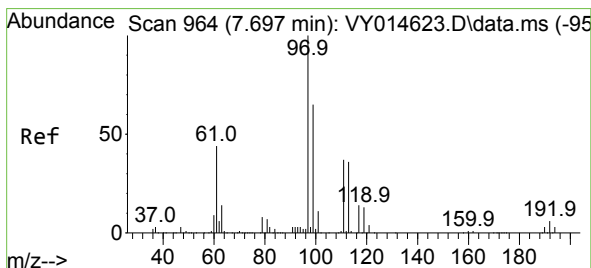
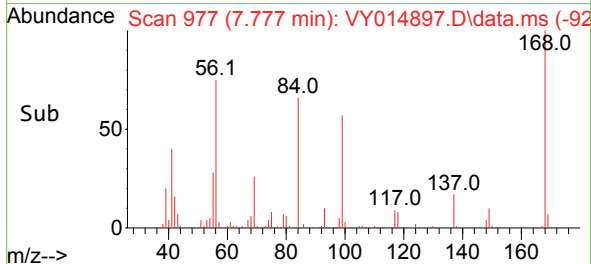
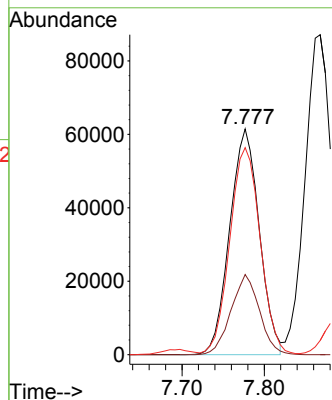
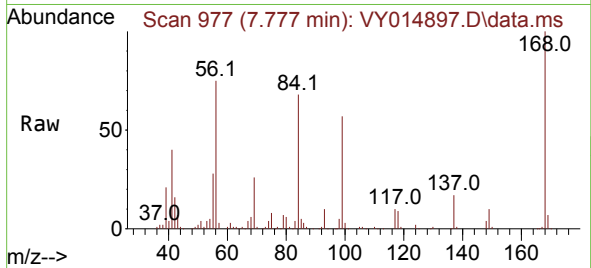




#31
Cyclohexane
Concen: 41.644 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

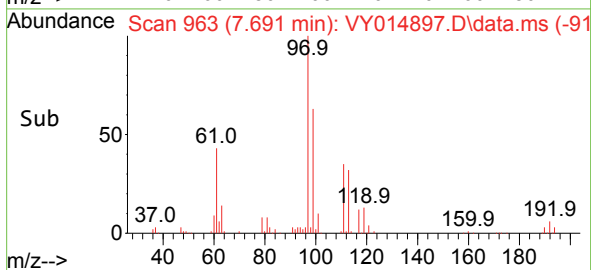
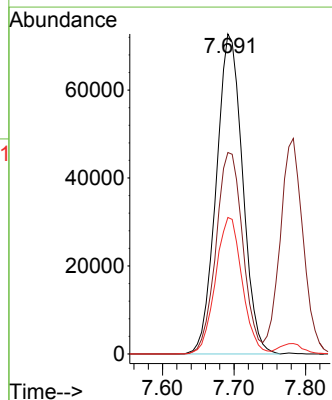
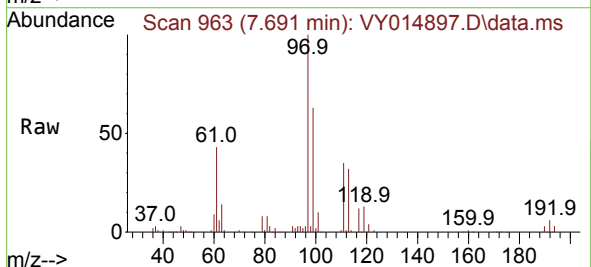
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

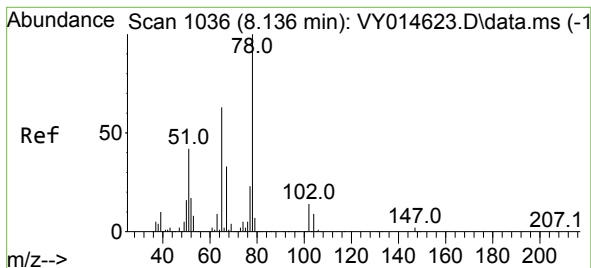
Tgt Ion: 56 Resp: 153721
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 89.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.512 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 97 Resp: 186075
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.311 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

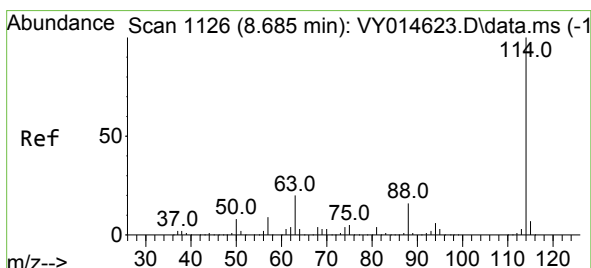
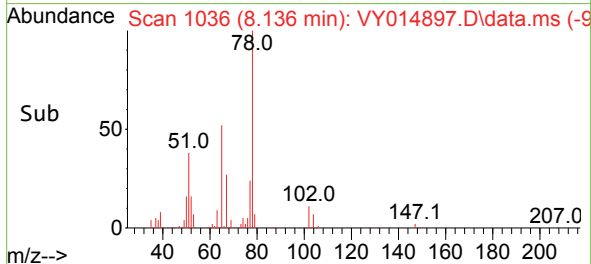
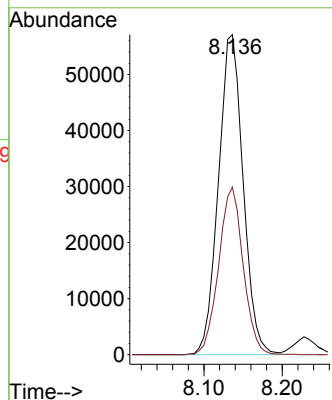
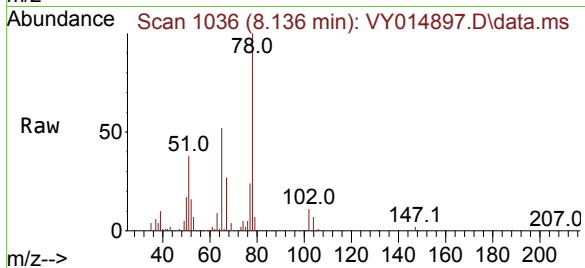
VSTDCCC050

Tgt Ion: 65 Resp: 125219

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

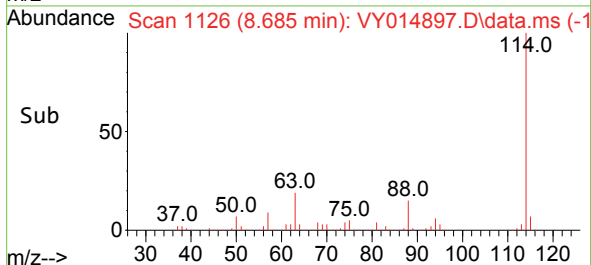
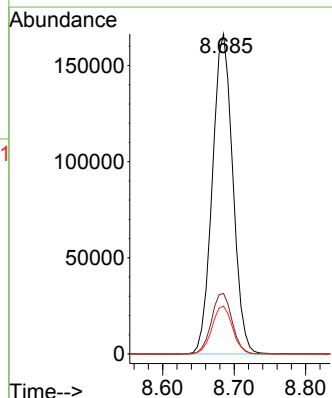
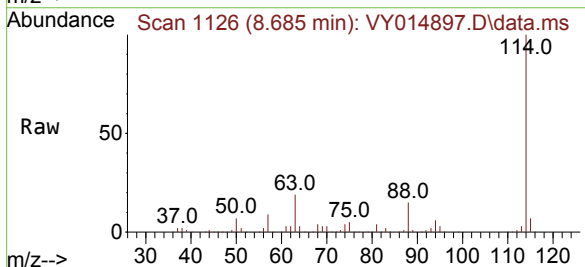
Tgt Ion:114 Resp: 329965

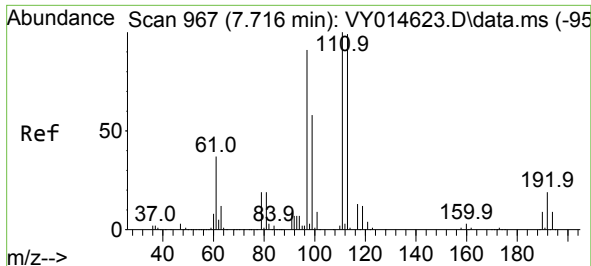
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6

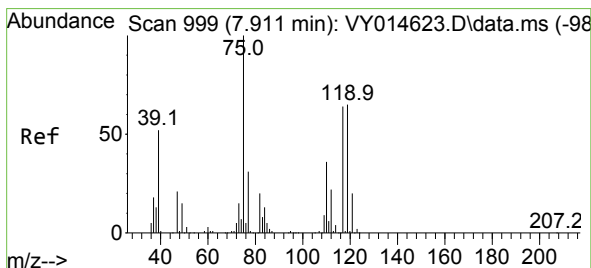
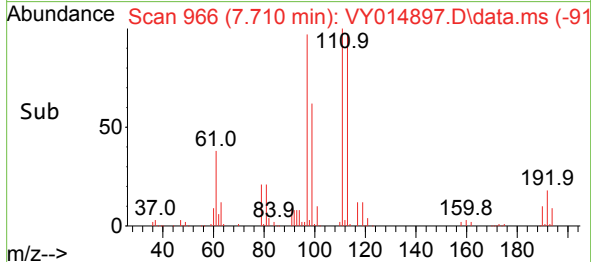
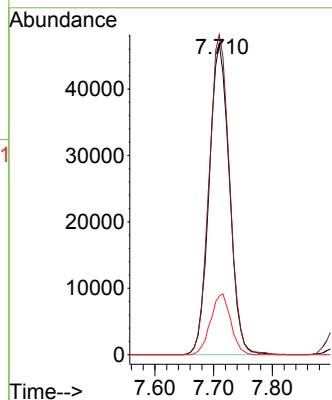
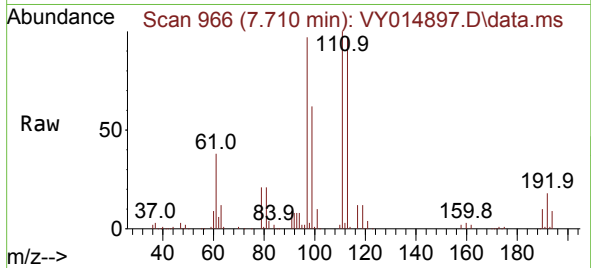




#35
Dibromofluoromethane
Concen: 53.296 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

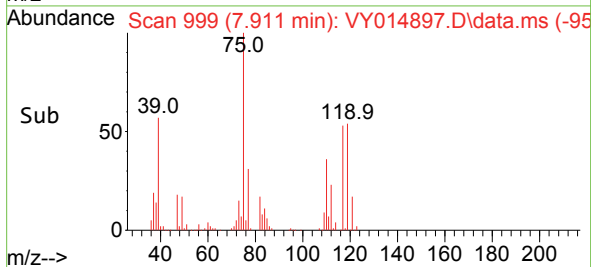
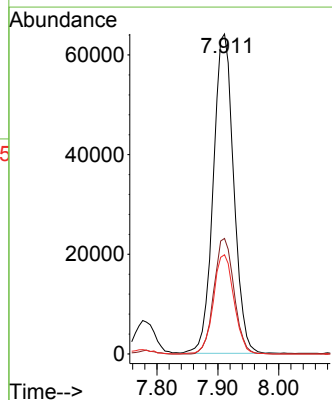
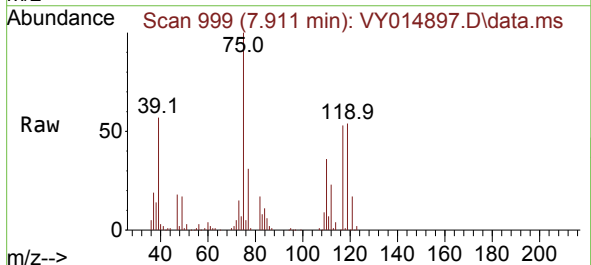
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

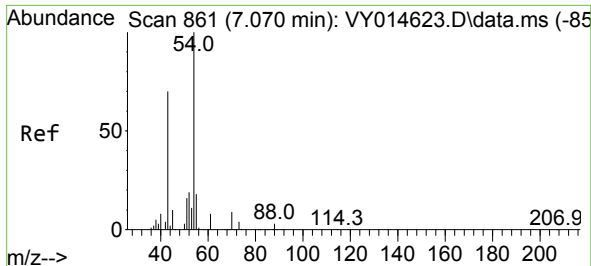
Tgt Ion:113 Resp: 111947
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.510 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 75 Resp: 149237
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.5 24.4 36.6

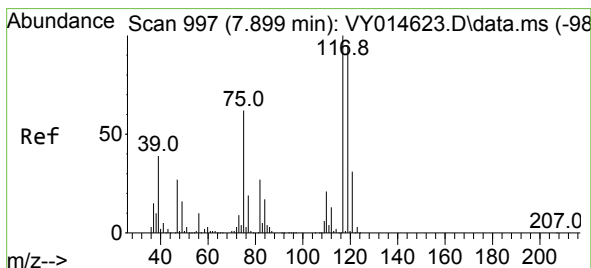
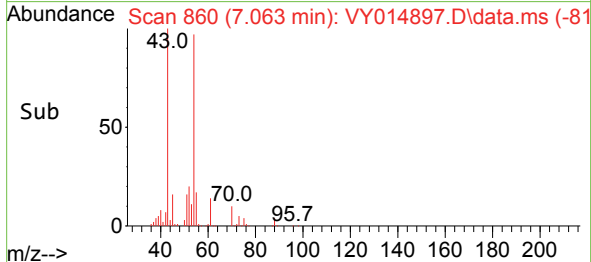
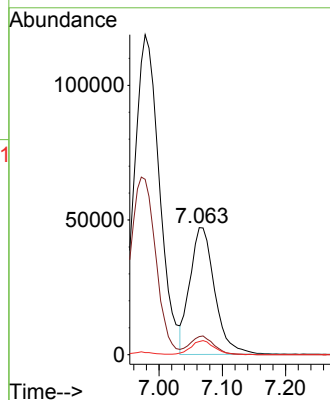
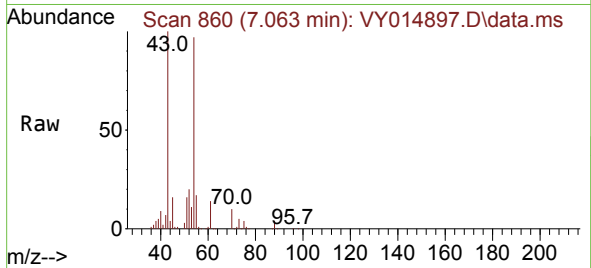




#37
Ethyl Acetate
Concen: 59.326 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

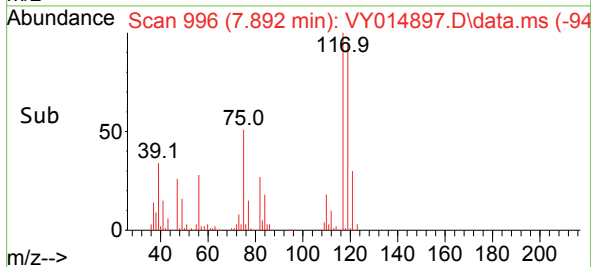
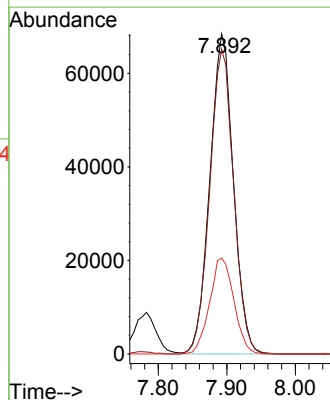
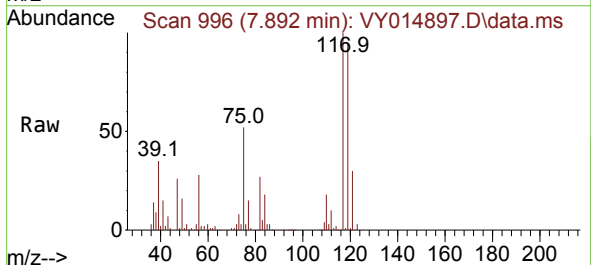
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

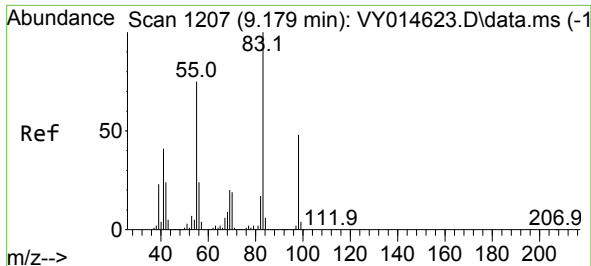
Tgt Ion: 43 Resp: 128305
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.200 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.007 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 117 Resp: 163370
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 43.603 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

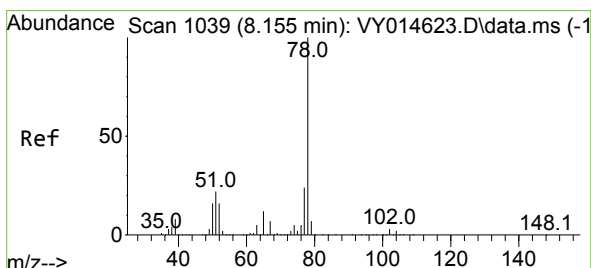
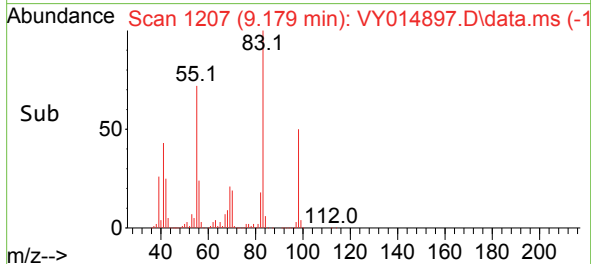
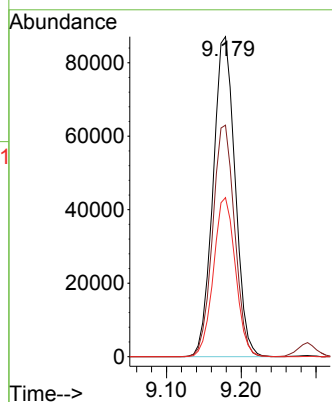
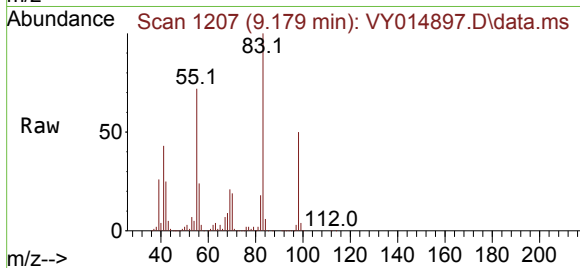
Tgt Ion: 83 Resp: 178442

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 50.049 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014897.D

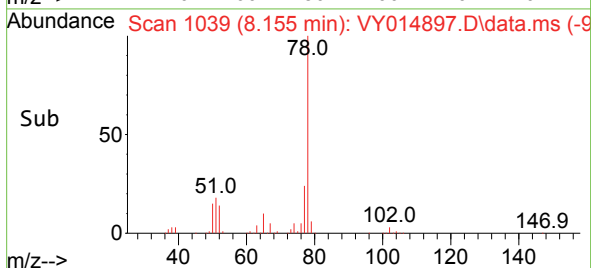
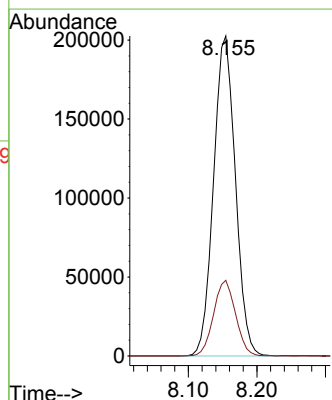
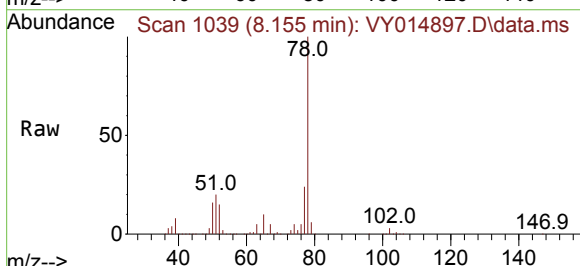
Acq: 28 Jul 2023 09:54

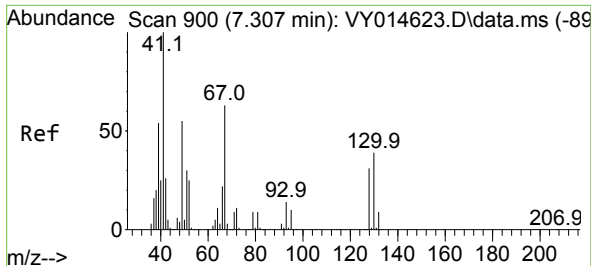
Tgt Ion: 78 Resp: 447125

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

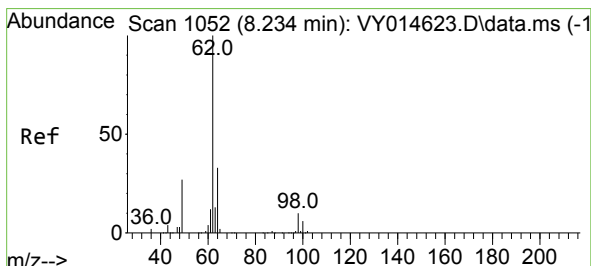
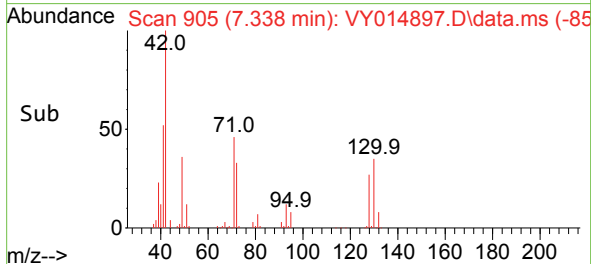
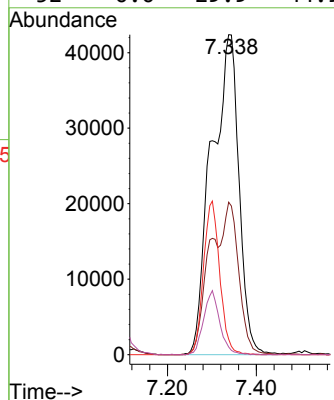
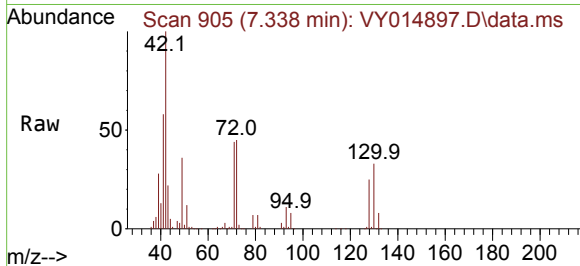




#41
Methacrylonitrile
Concen: 162.585 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

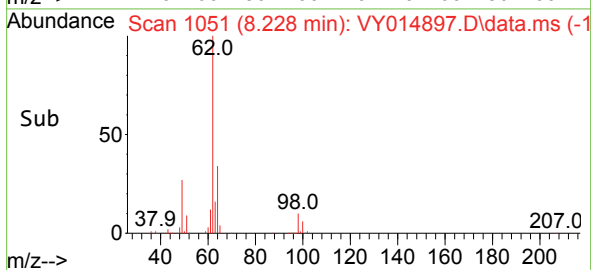
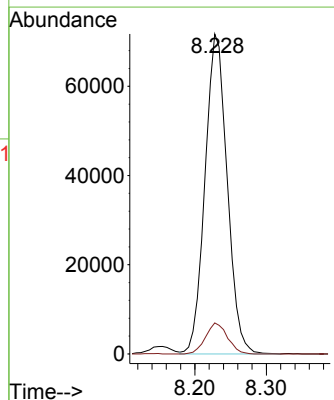
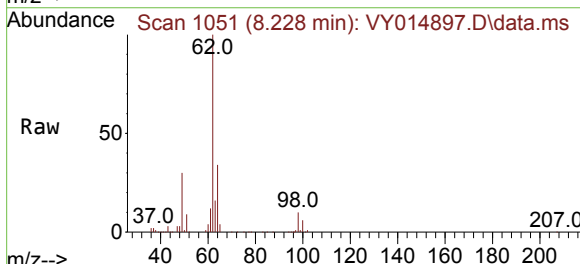
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

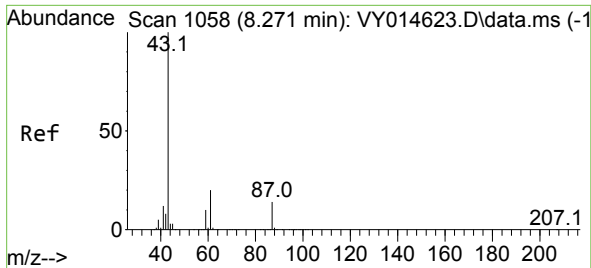
Tgt Ion: 41 Resp: 180860
Ion Ratio Lower Upper
41 100
39 26.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.648 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 62 Resp: 154602
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

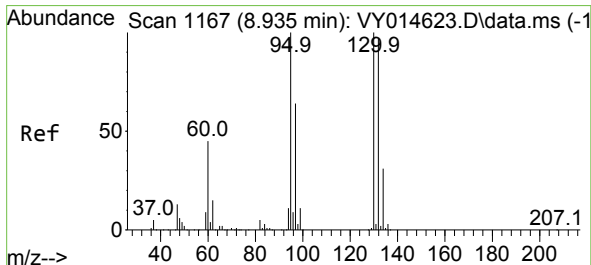
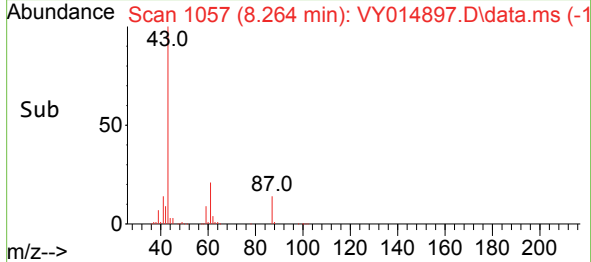
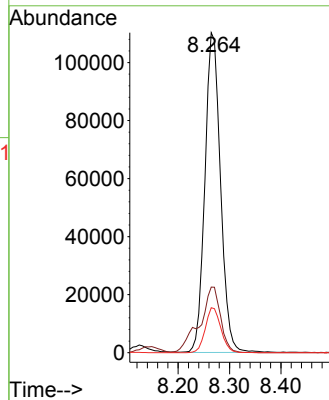
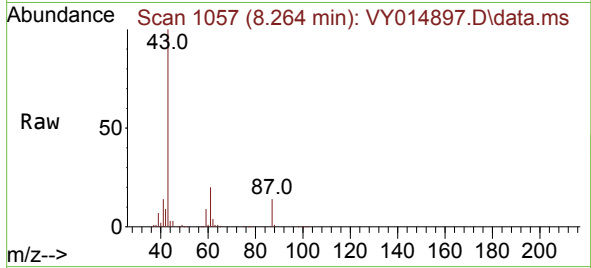




#43
Isopropyl Acetate
Concen: 56.443 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

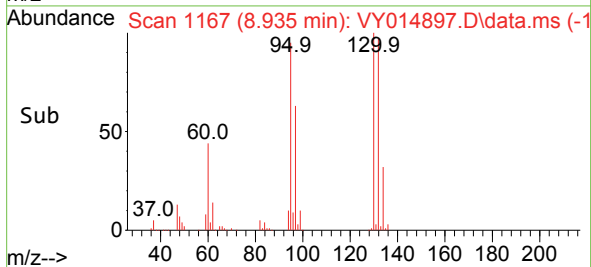
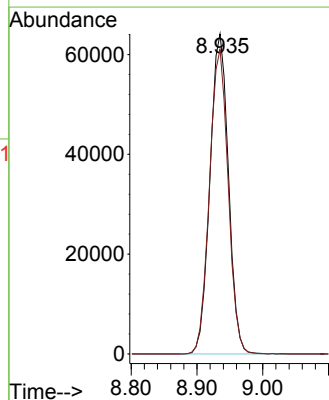
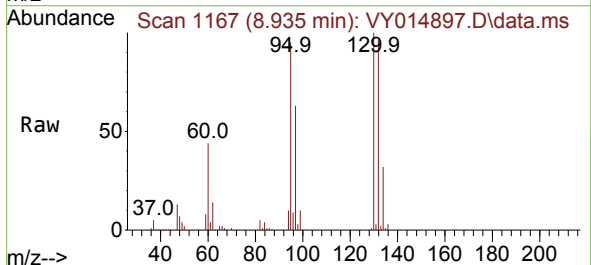
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

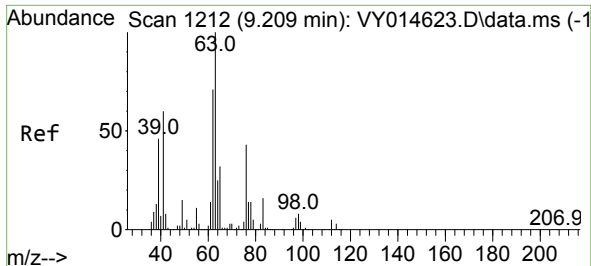
Tgt Ion: 43 Resp: 232531
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 50.064 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:130 Resp: 125139
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0

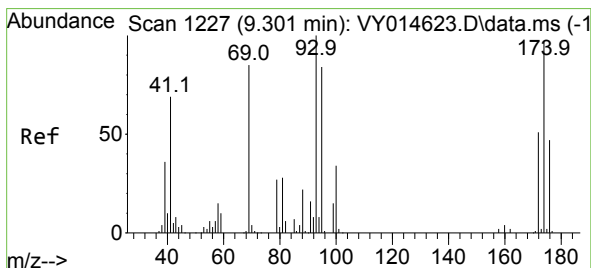
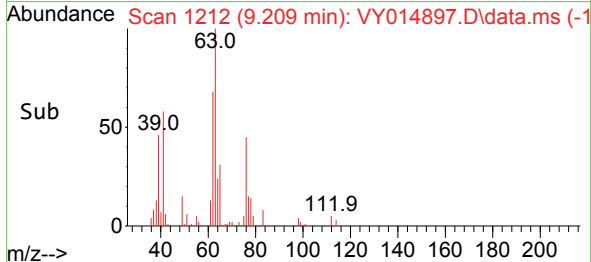
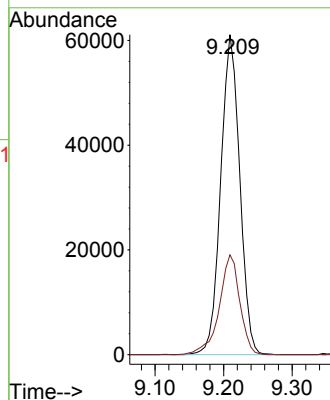
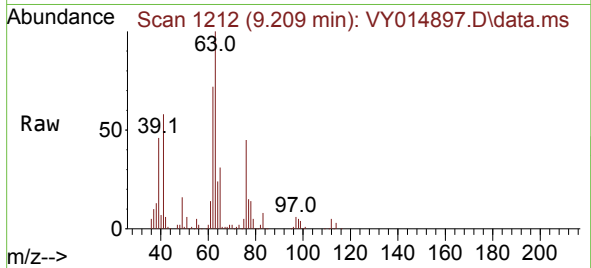




#45
1,2-Dichloropropane
Concen: 50.355 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

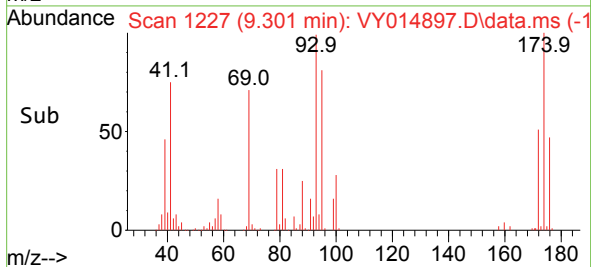
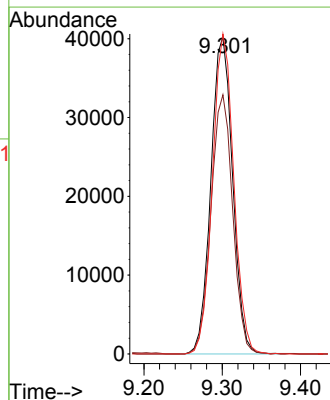
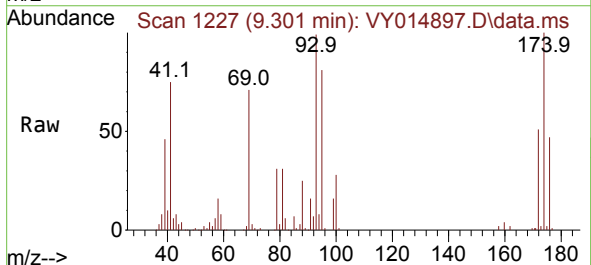
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

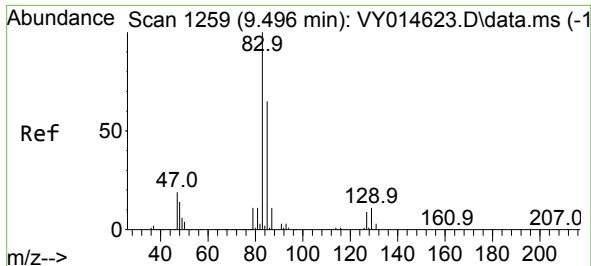
Tgt Ion: 63 Resp: 117467
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 54.793 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 93 Resp: 77543
Ion Ratio Lower Upper
93 100
95 81.6 66.6 100.0
174 99.1 84.8 127.2

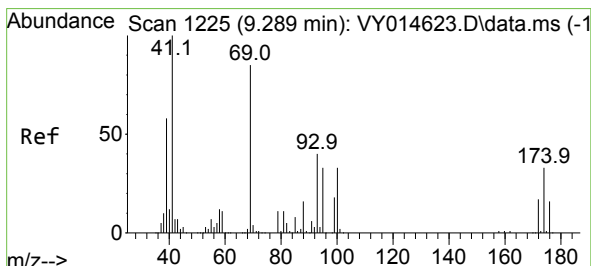
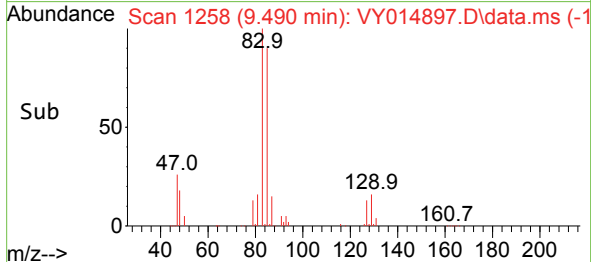
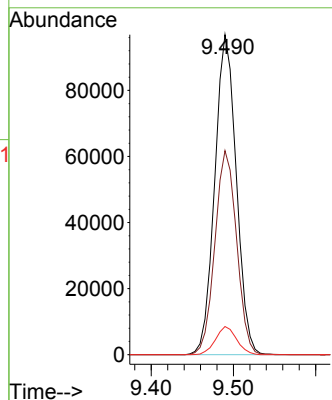
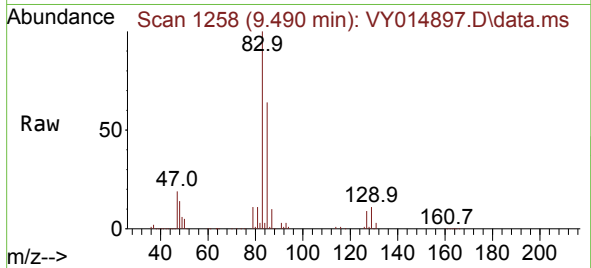




#47
Bromodichloromethane
Concen: 52.907 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

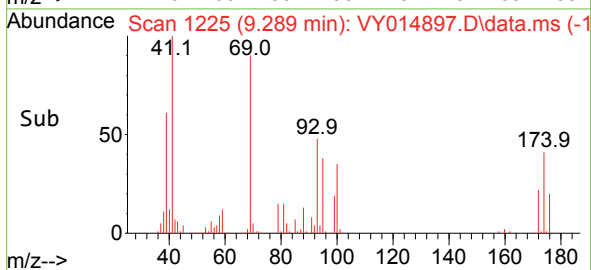
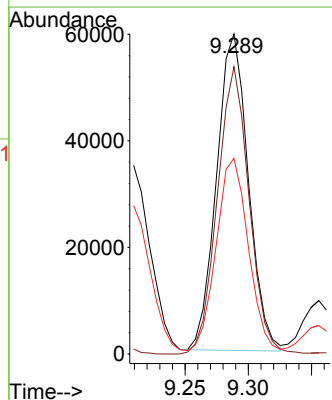
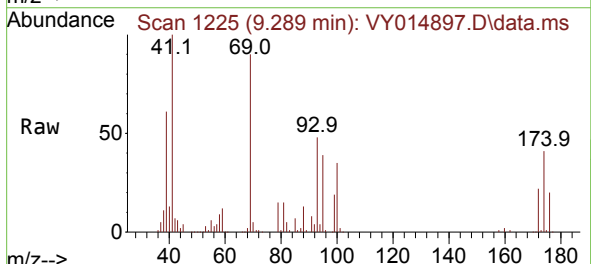
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

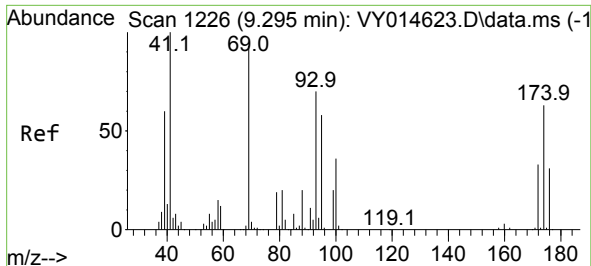
Tgt Ion: 83 Resp: 176470
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 55.923 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 41 Resp: 103668
Ion Ratio Lower Upper
41 100
69 90.5 64.5 96.7
39 63.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1271.104 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

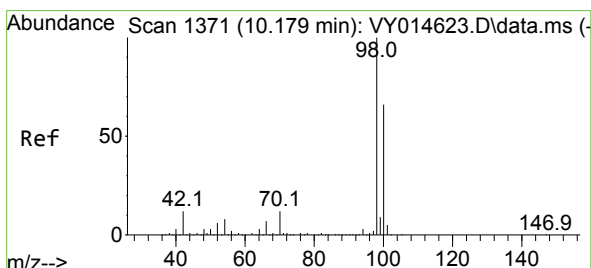
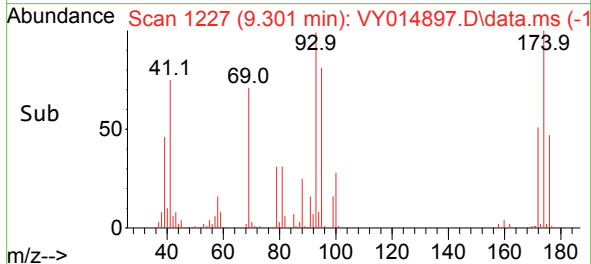
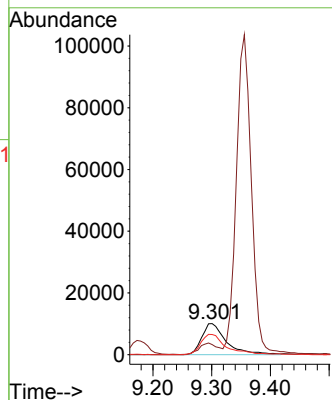
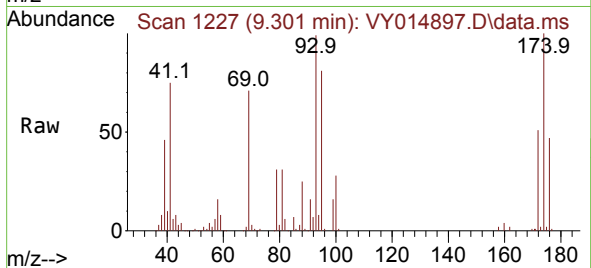
Tgt Ion: 88 Resp: 29332

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 67.7 30.9 46.3#



#50

Toluene-d8

Concen: 51.513 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014897.D

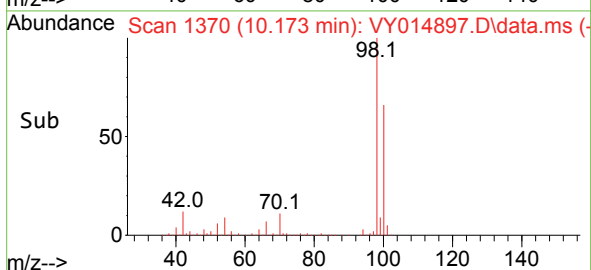
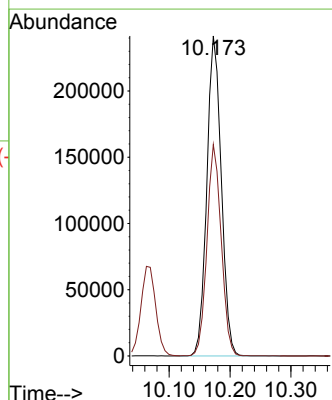
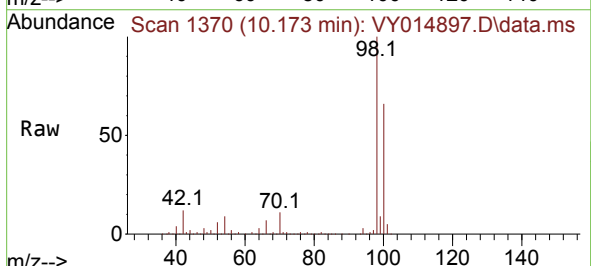
Acq: 28 Jul 2023 09:54

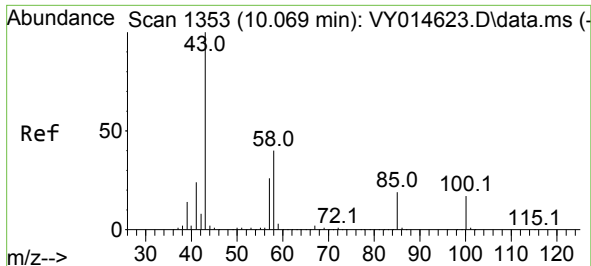
Tgt Ion: 98 Resp: 398921

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

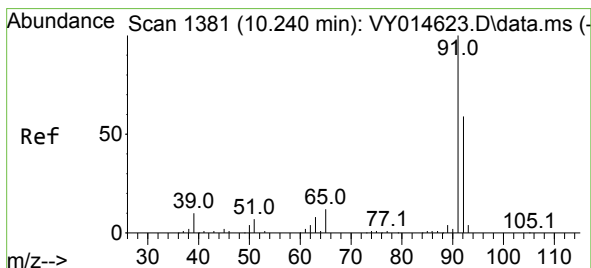
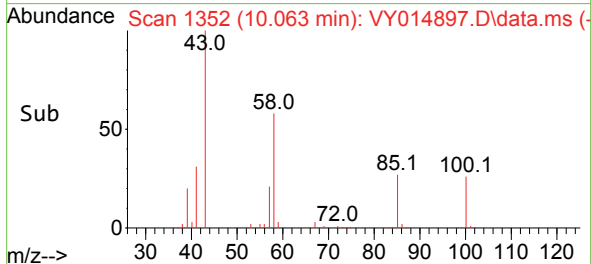
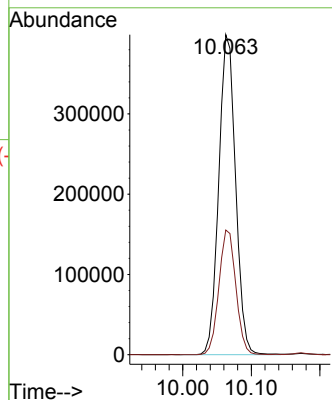
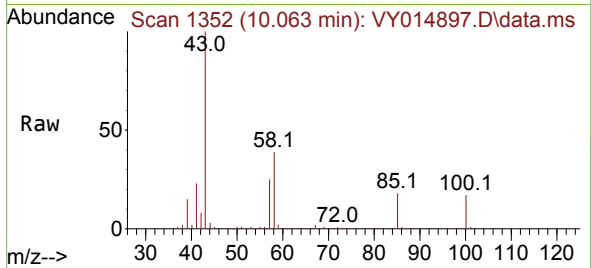




#51
4-Methyl-2-Pentanone
Concen: 312.830 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

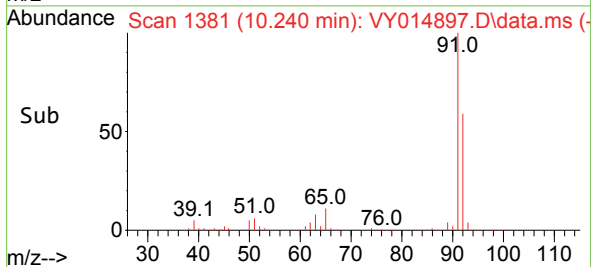
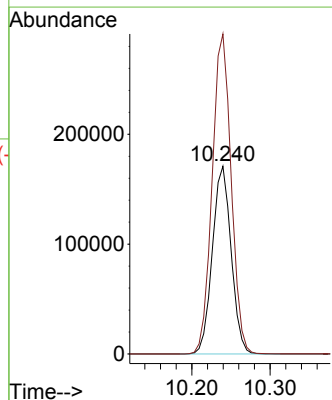
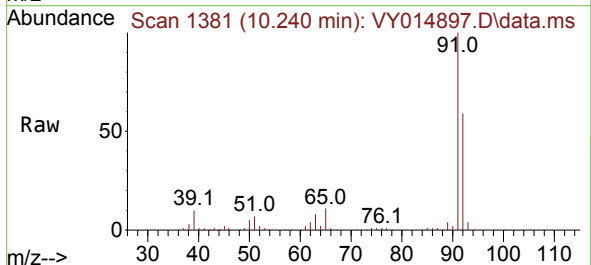
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

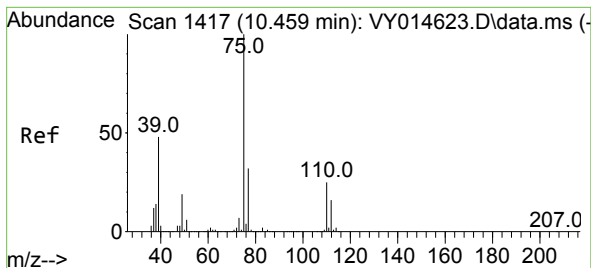
Tgt Ion: 43 Resp: 676669
Ion Ratio Lower Upper
43 100
58 39.3 29.0 43.6



#52
Toluene
Concen: 49.725 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 92 Resp: 284261
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6

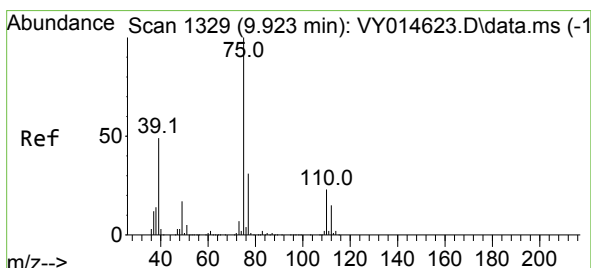
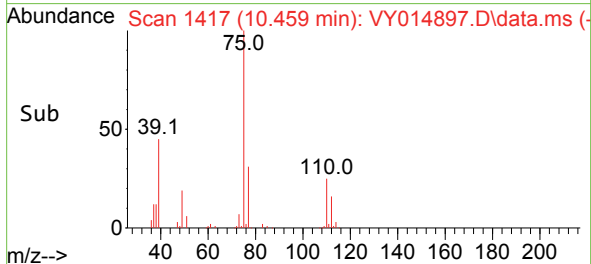
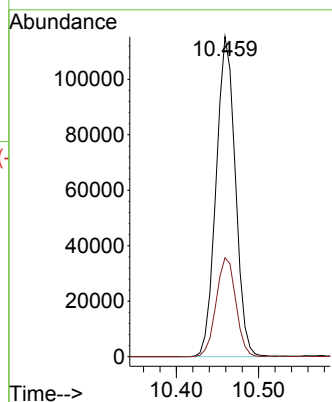
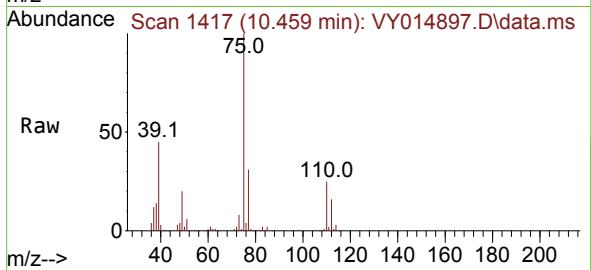




#53
 t-1,3-Dichloropropene
 Concen: 51.455 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

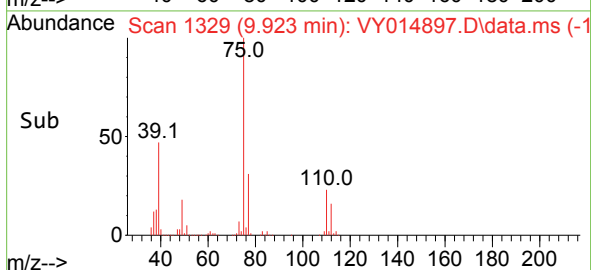
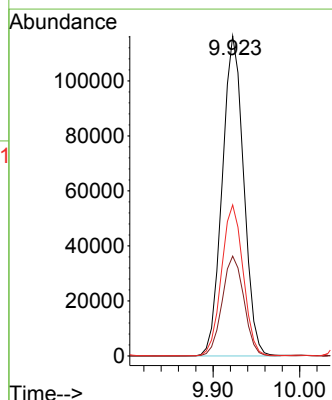
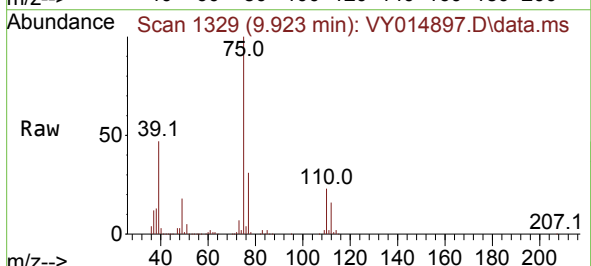
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

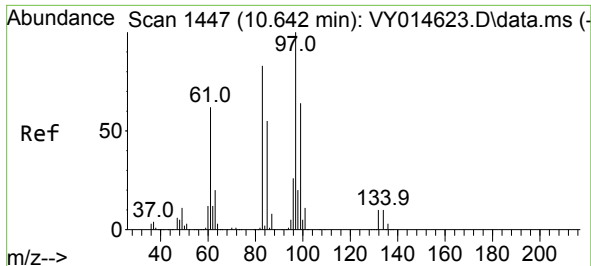
Tgt Ion: 75 Resp: 187731
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.395 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

Tgt Ion: 75 Resp: 199947
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 47.1 42.2 63.4

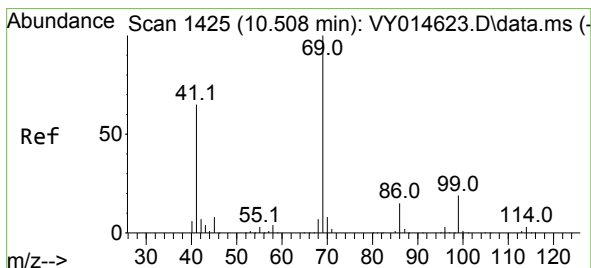
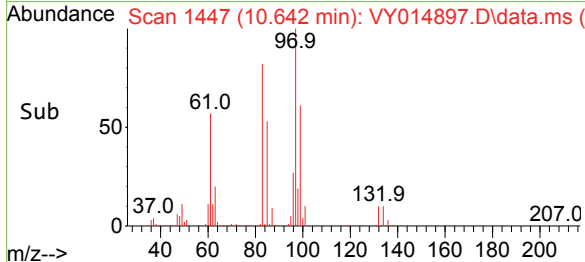
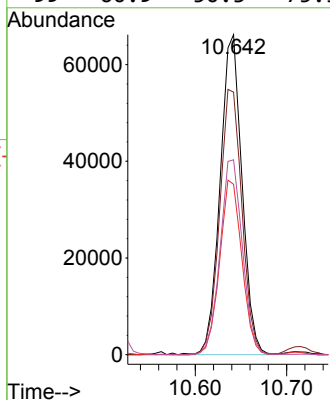
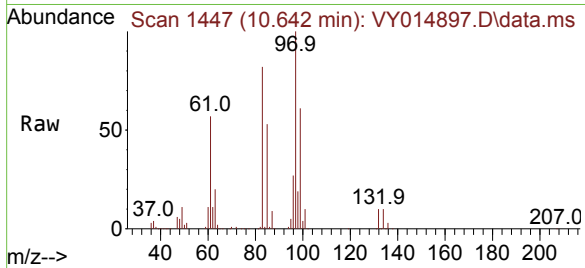




#55
1,1,2-Trichloroethane
Concen: 55.825 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

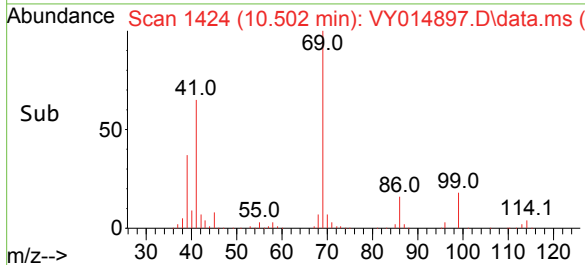
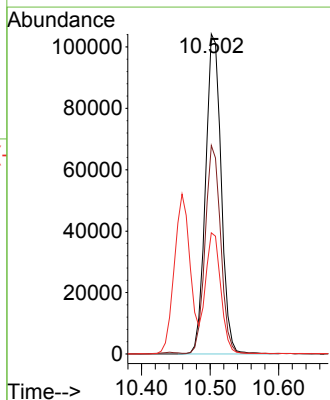
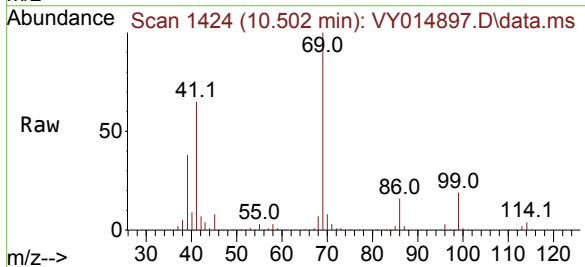
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

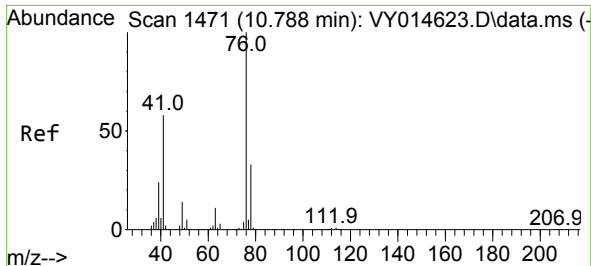
Tgt Ion: 97	Resp: 110048
Ion Ratio	Lower Upper
97 100	
83 82.1	72.0 108.0
85 53.2	45.4 68.0
99 60.9	50.3 75.5



#56
Ethyl methacrylate
Concen: 54.875 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 69	Resp: 165166
Ion Ratio	Lower Upper
69 100	
41 64.4	57.6 86.4
39 36.8	34.1 51.1





#57

1,3-Dichloropropane

Concen: 54.061 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

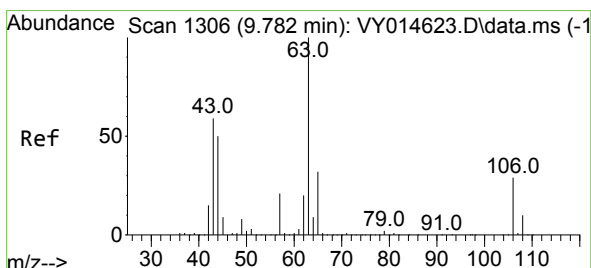
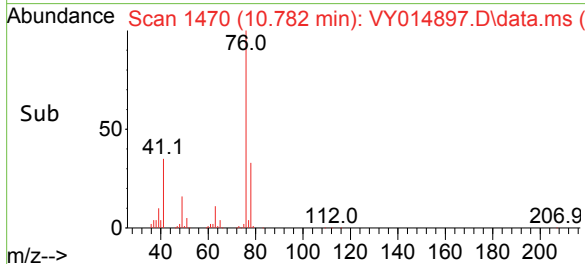
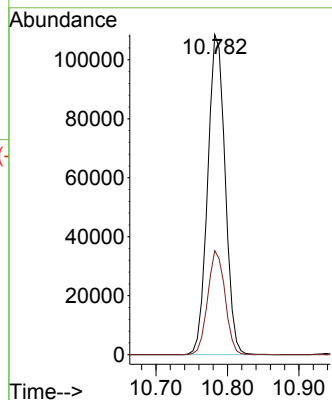
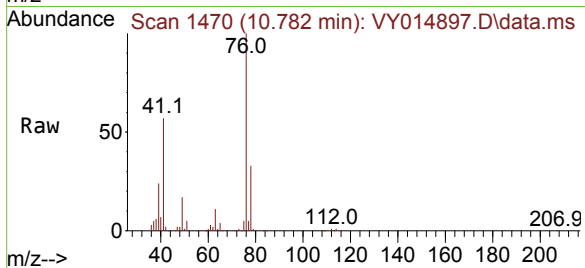
VSTDCCC050

Tgt Ion: 76 Resp: 183814

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 298.175 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014897.D

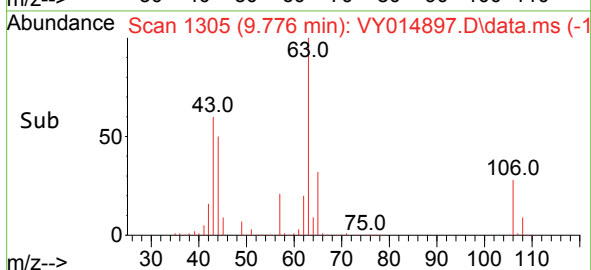
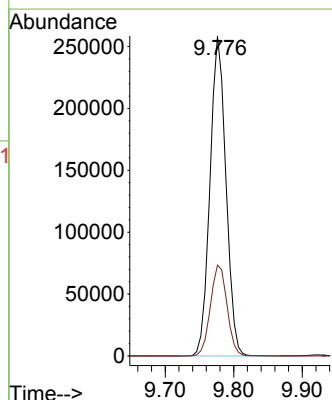
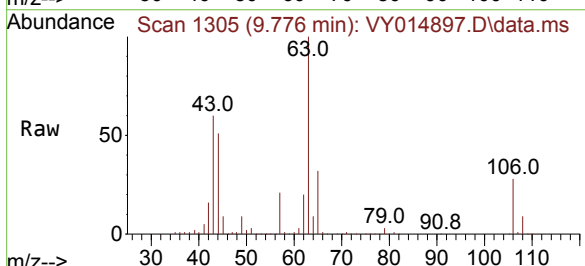
Acq: 28 Jul 2023 09:54

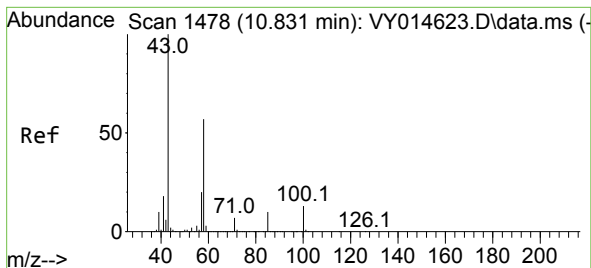
Tgt Ion: 63 Resp: 418170

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8

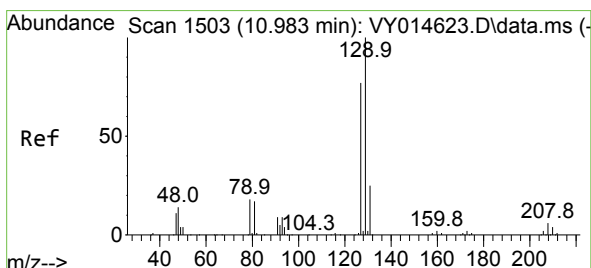
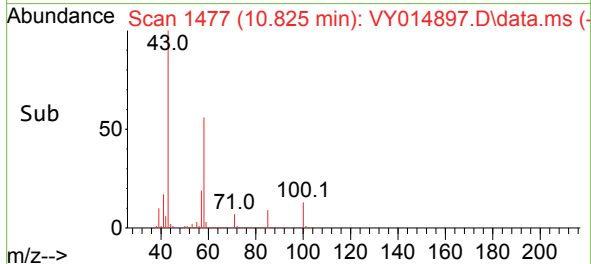
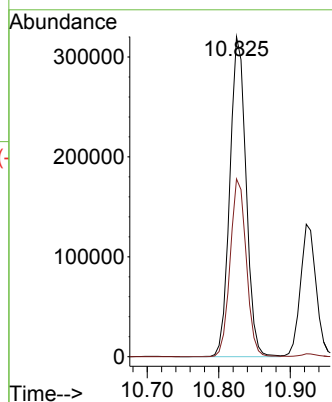
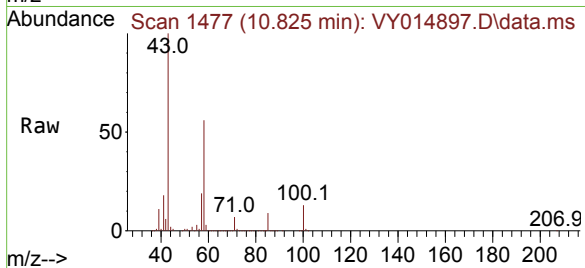




#59
2-Hexanone
Concen: 319.508 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

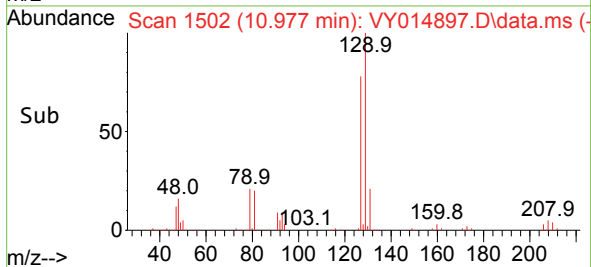
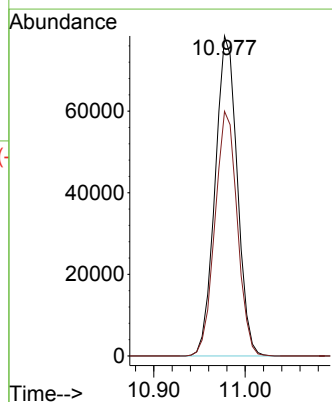
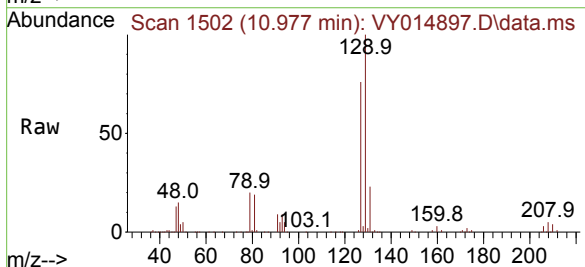
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

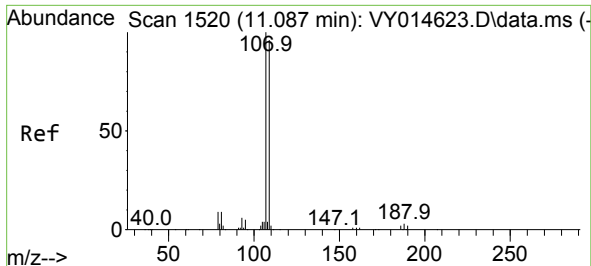
Tgt Ion: 43 Resp: 503998
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 54.535 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 129 Resp: 131809
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

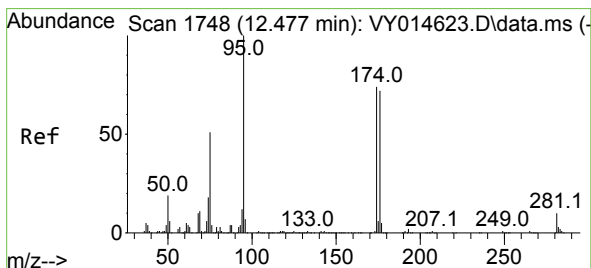
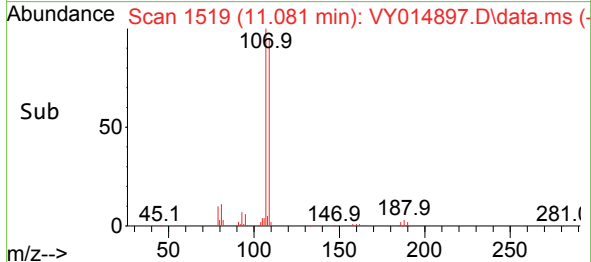
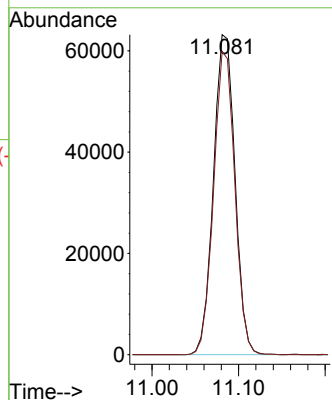
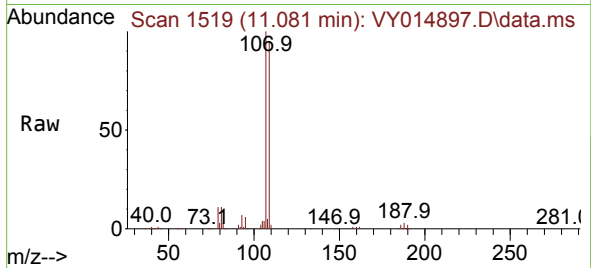




#61
1,2-Dibromoethane
Concen: 55.544 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

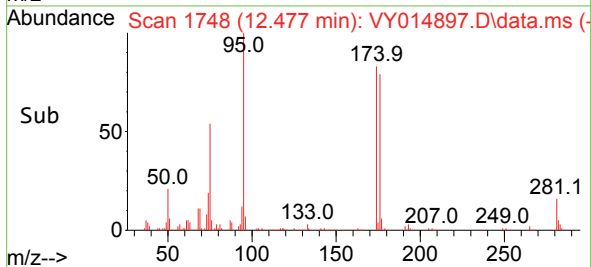
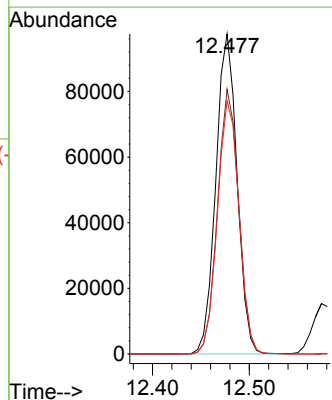
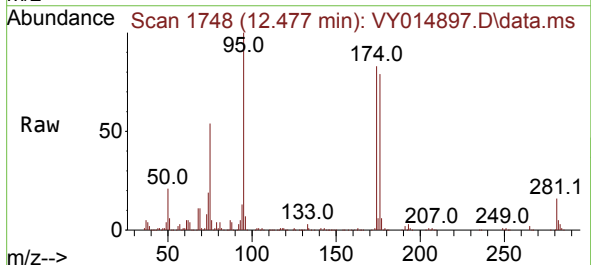
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

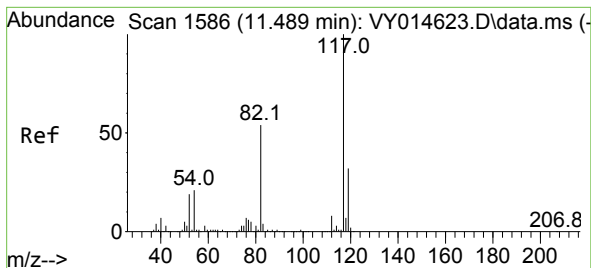
Tgt Ion:107 Resp: 109231
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.011 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 95 Resp: 148499
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.2
176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

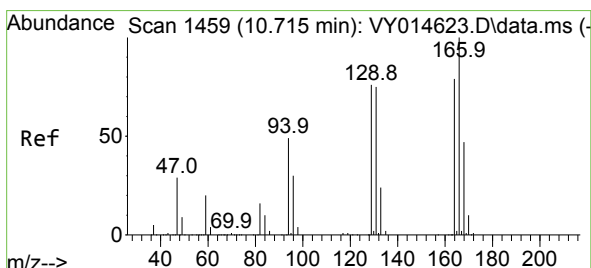
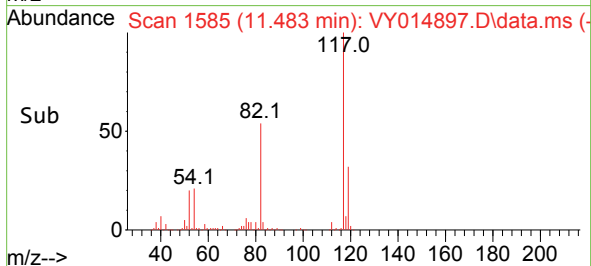
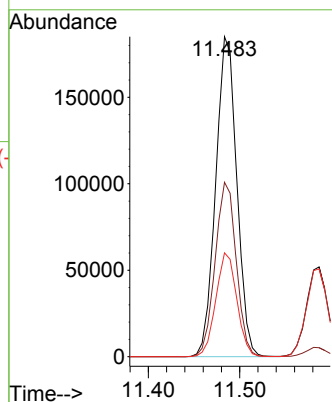
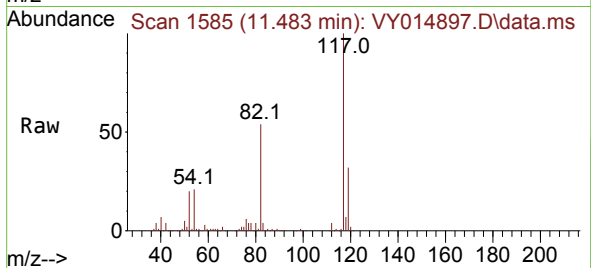
Tgt Ion:117 Resp: 297039

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 51.102 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Tgt Ion:164 Resp: 122082

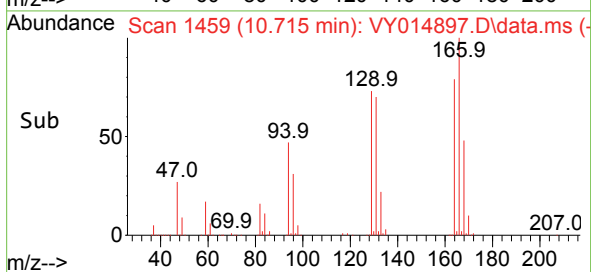
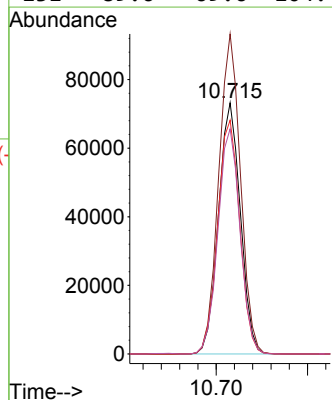
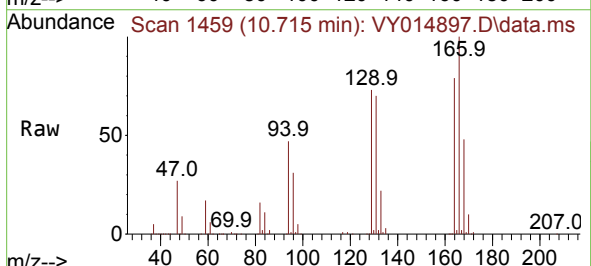
Ion Ratio Lower Upper

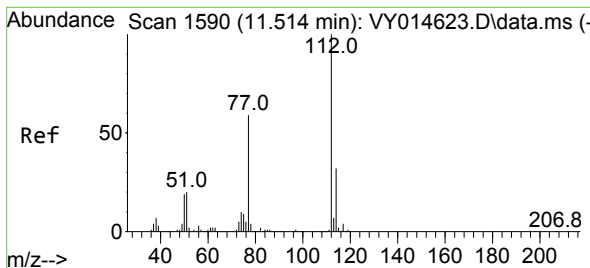
164 100

166 127.4 103.0 154.6

129 93.1 77.2 115.8

131 89.6 69.6 104.4

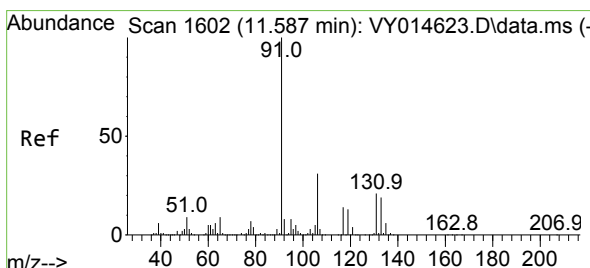
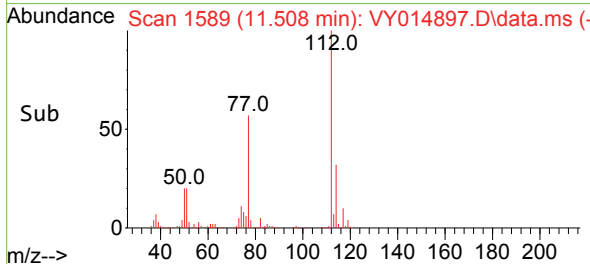
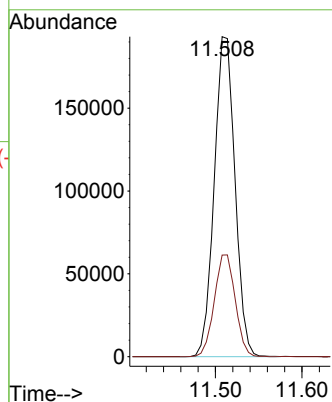
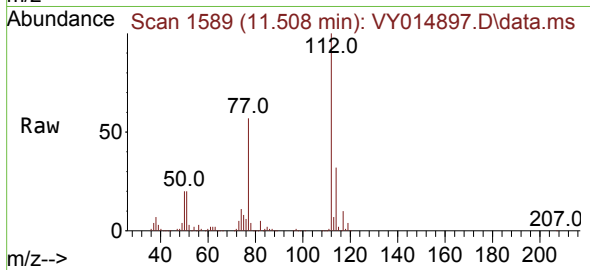




#65
Chlorobenzene
Concen: 50.717 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

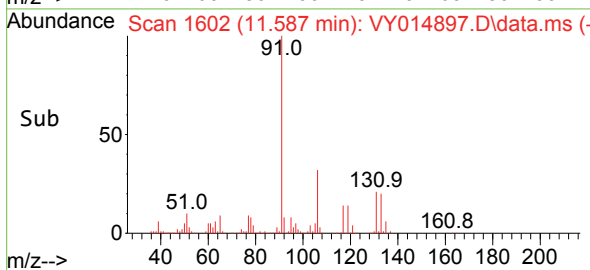
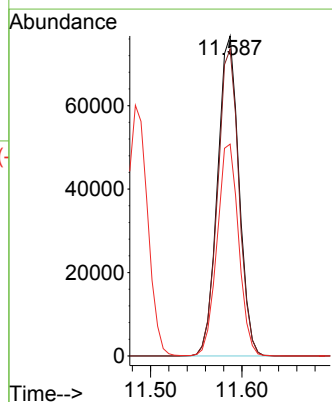
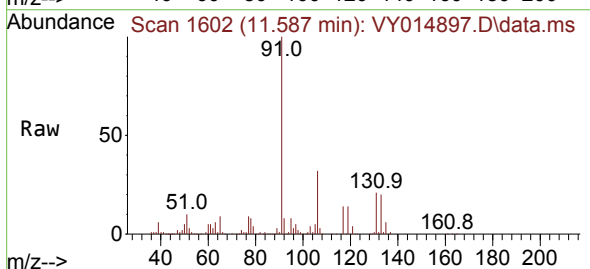
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

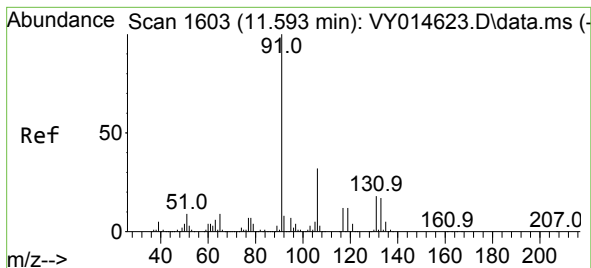
Tgt Ion:112 Resp: 321031
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.388 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:131 Resp: 125031
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 48.897 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

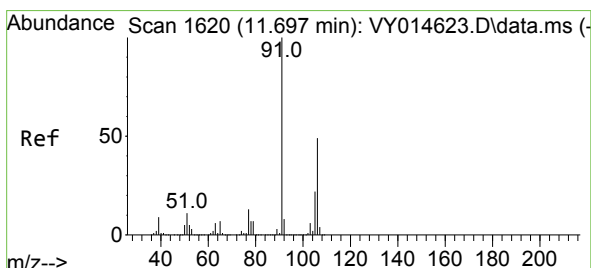
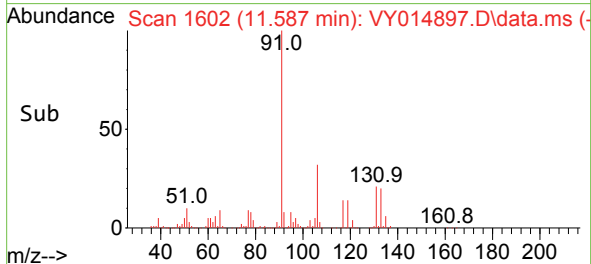
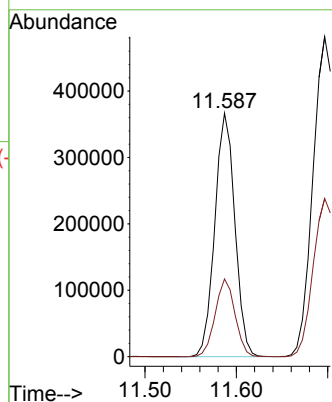
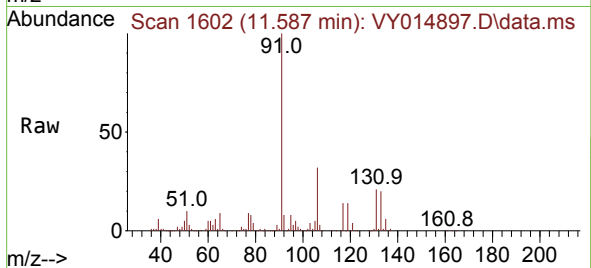
VSTDCCC050

Tgt Ion: 91 Resp: 558817

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 98.950 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014897.D

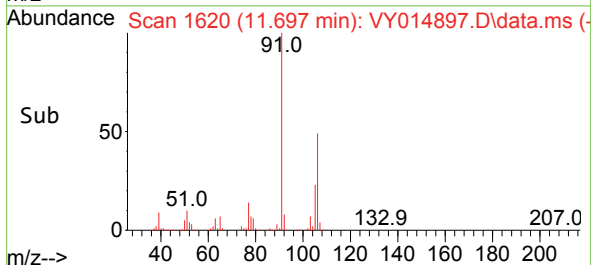
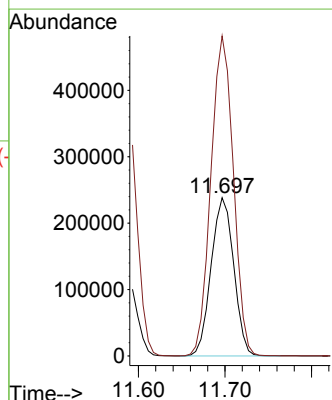
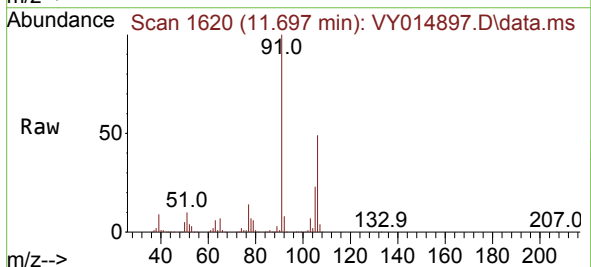
Acq: 28 Jul 2023 09:54

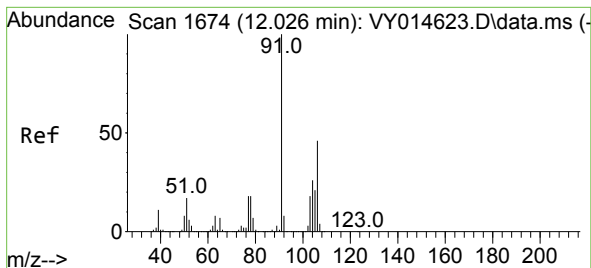
Tgt Ion:106 Resp: 431674

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1

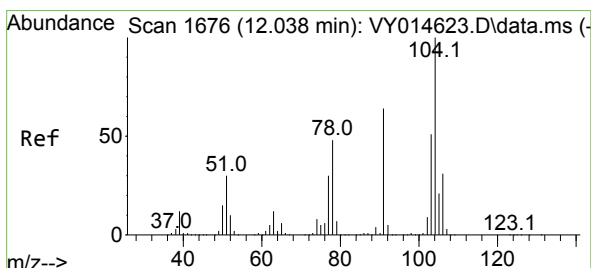
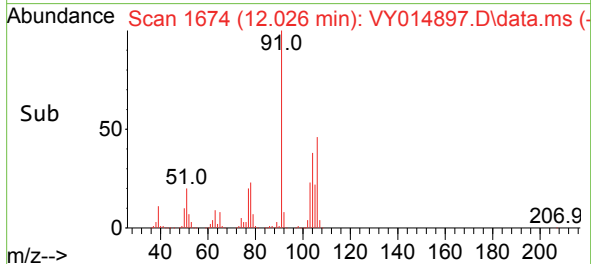
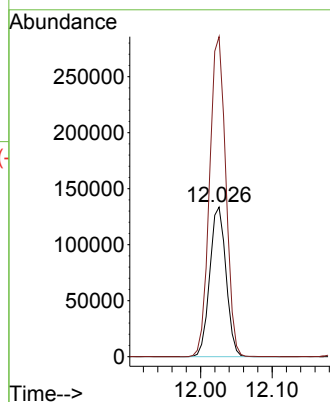
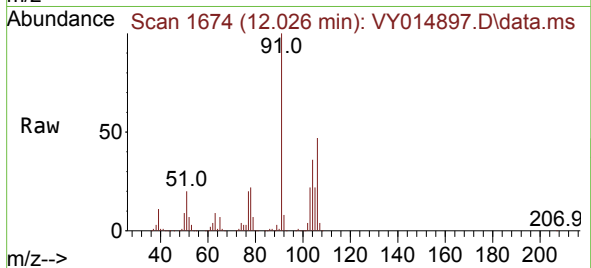




#69
o-Xylene
Concen: 49.635 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

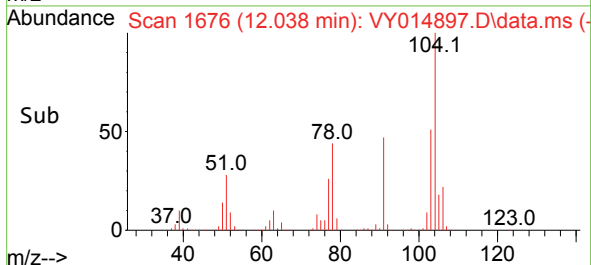
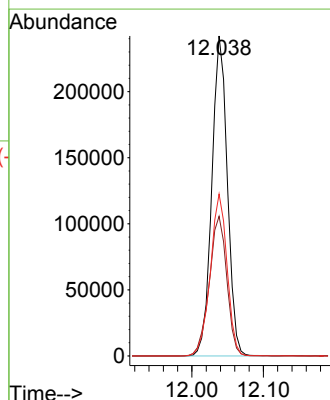
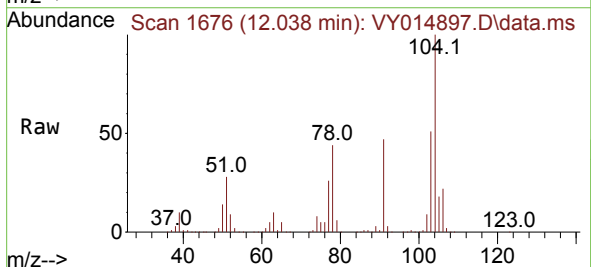
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

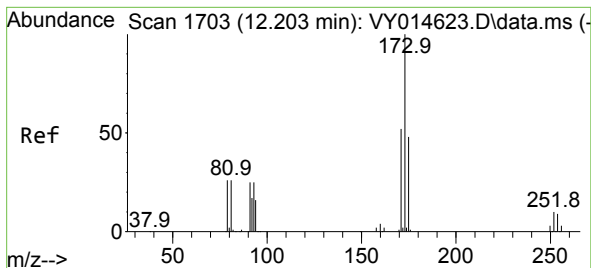
Tgt Ion:106 Resp: 210908
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3



#70
Styrene
Concen: 50.989 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:104 Resp: 365165
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 55.818 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

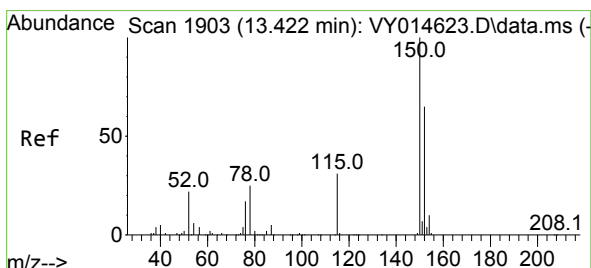
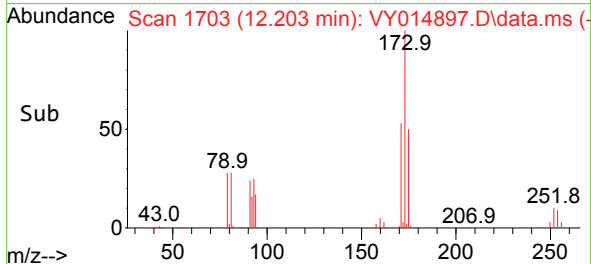
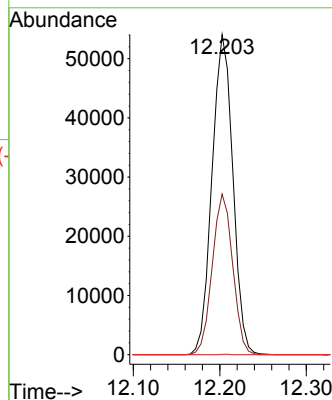
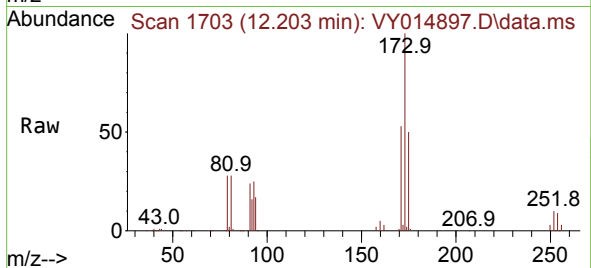
Tgt Ion:173 Resp: 90297

Ion Ratio Lower Upper

173 100

175 49.1 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: VY014897.D

Acq: 28 Jul 2023 09:54

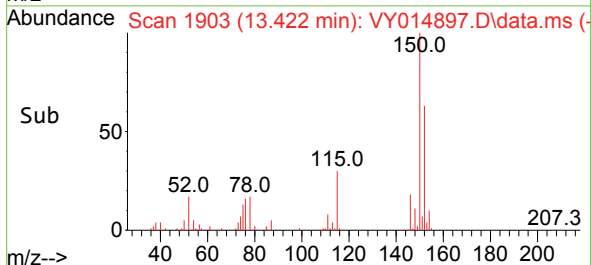
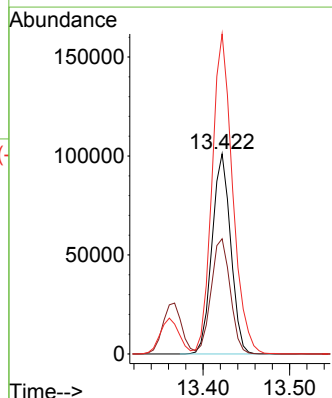
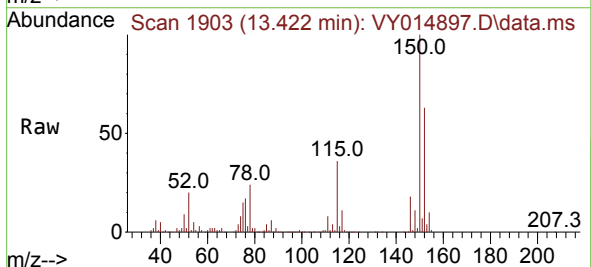
Tgt Ion:152 Resp: 151169

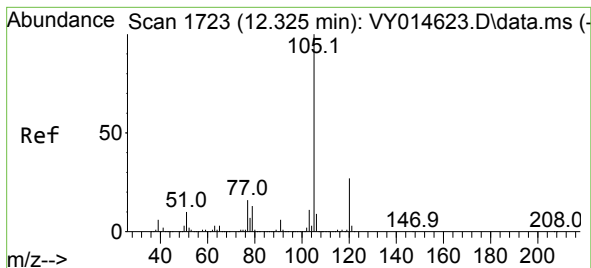
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 176.2 0.0 348.8





#73

Isopropylbenzene

Concen: 46.976 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

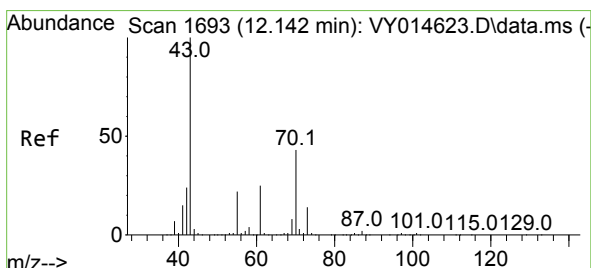
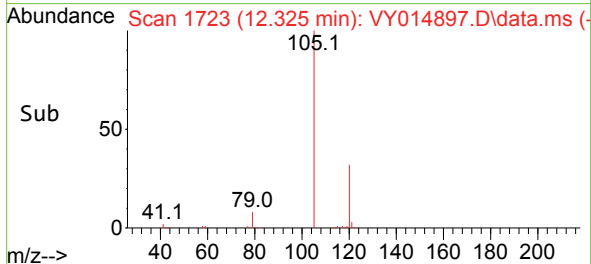
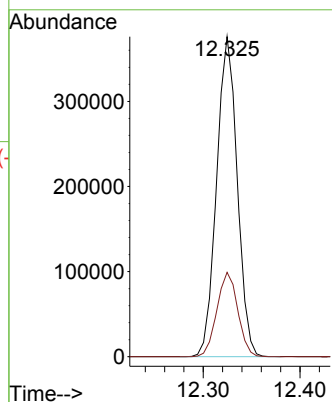
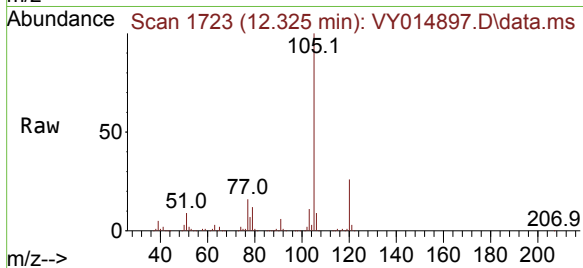
VSTDCCC050

Tgt Ion:105 Resp: 556034

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 52.179 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Tgt Ion: 43 Resp: 206855

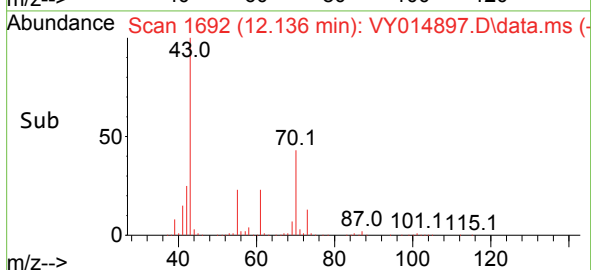
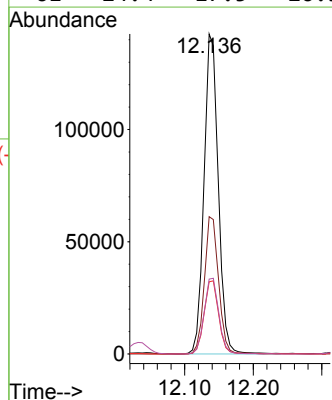
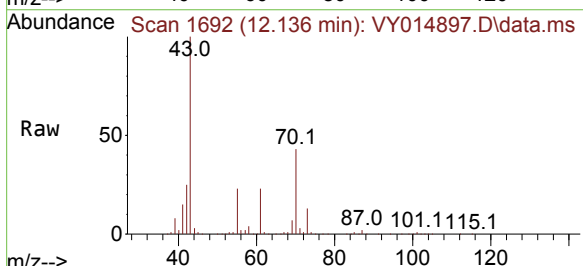
Ion Ratio Lower Upper

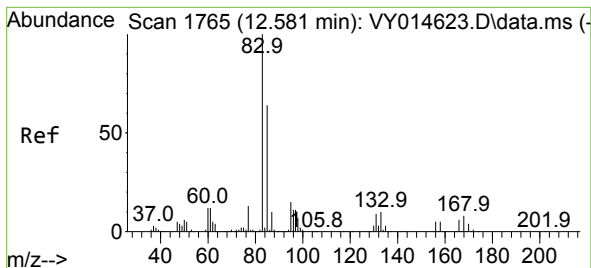
43 100

70 42.8 29.7 44.5

55 23.5 18.3 27.5

61 24.4 17.5 26.3

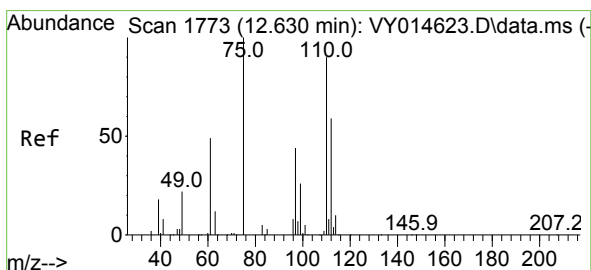
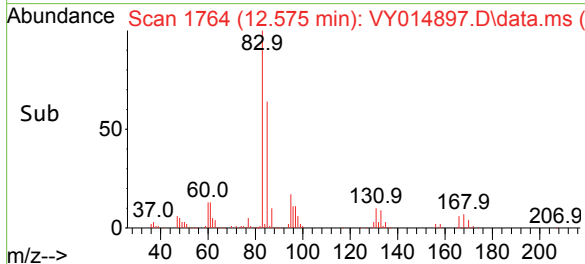
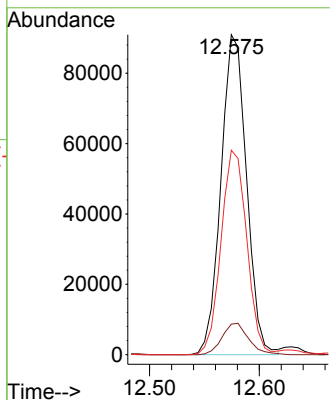
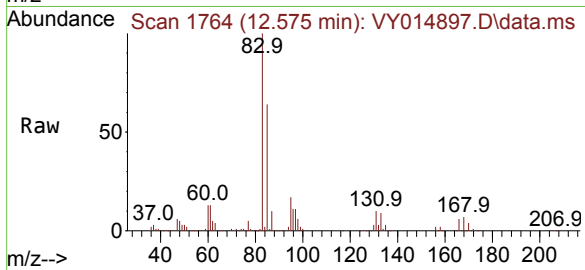




#75
1,1,2,2-Tetrachloroethane
Concen: 54.671 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

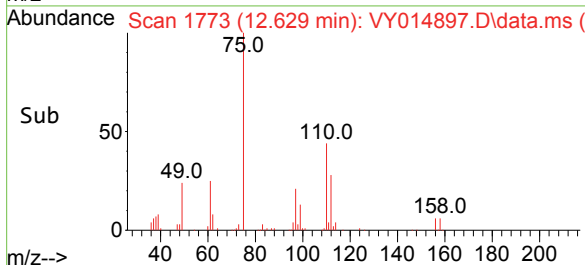
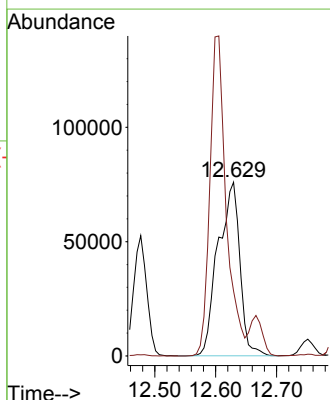
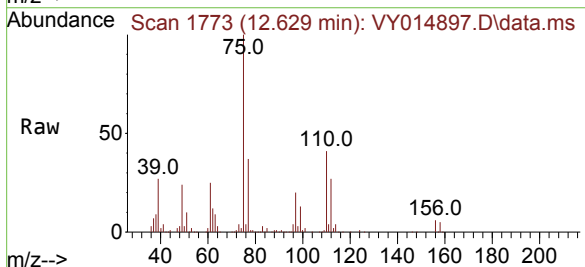
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

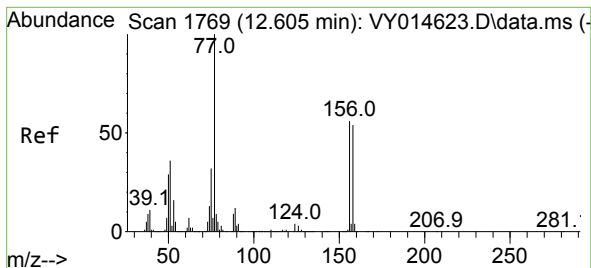
Tgt Ion: 83 Resp: 147571
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 99.031 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 75 Resp: 189073
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.505 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

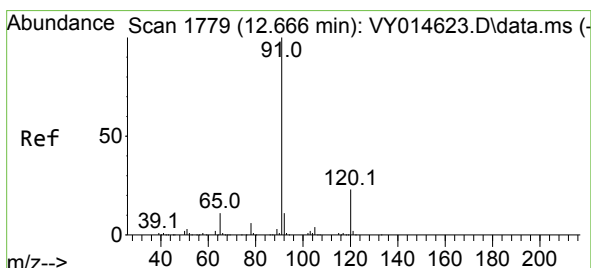
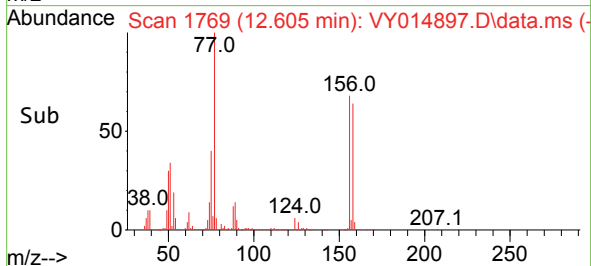
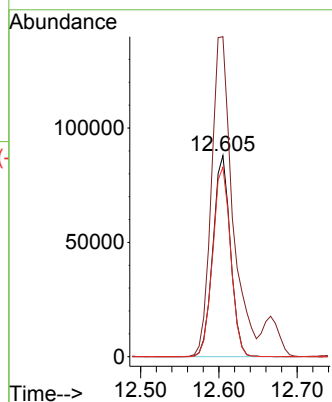
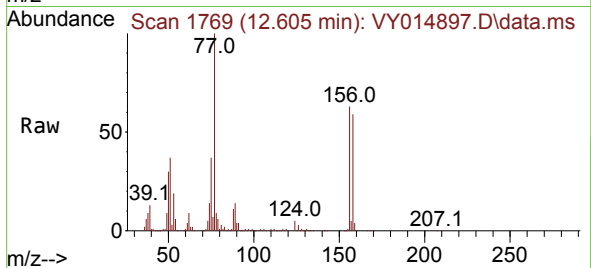
Tgt Ion:156 Resp: 136460

Ion Ratio Lower Upper

156 100

77 191.6 92.8 278.6

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 46.759 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014897.D

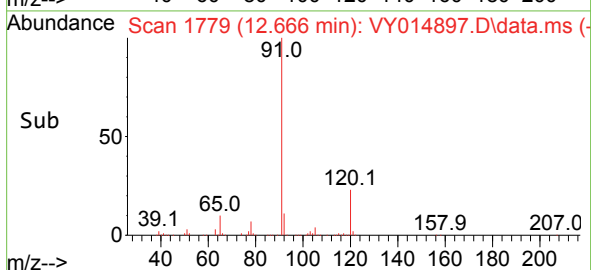
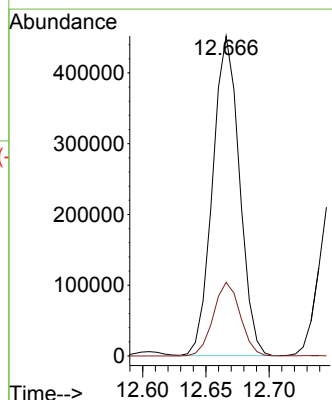
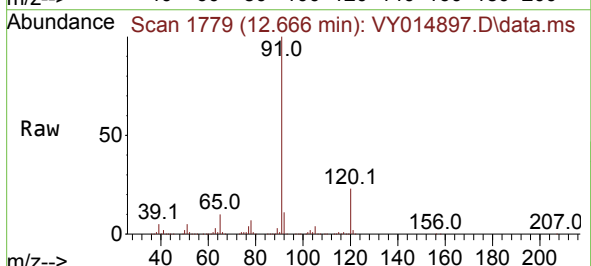
Acq: 28 Jul 2023 09:54

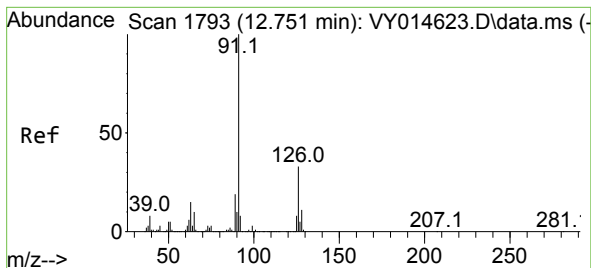
Tgt Ion: 91 Resp: 666934

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

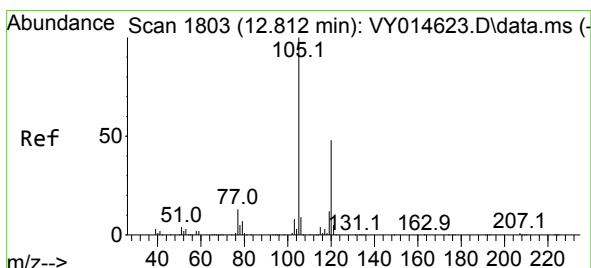
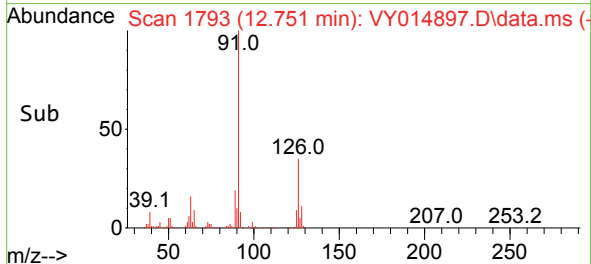
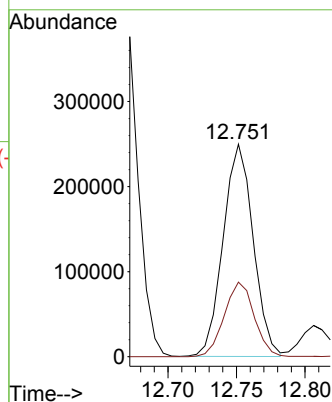
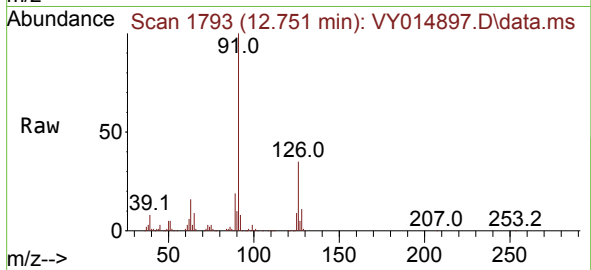




#79
2-Chlorotoluene
Concen: 46.416 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

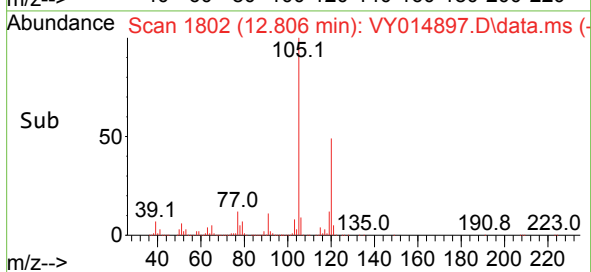
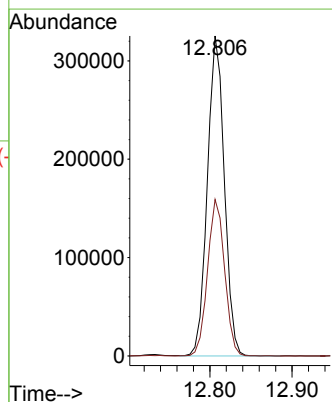
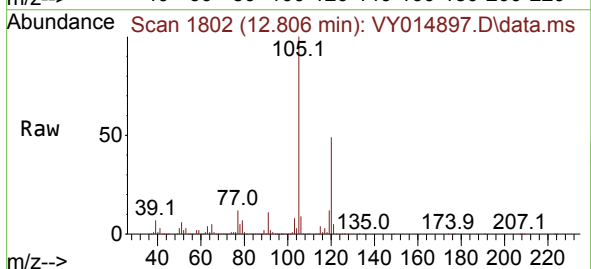
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

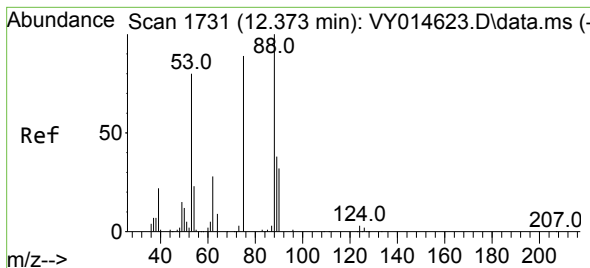
Tgt Ion: 91 Resp: 381324
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.080 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 105 Resp: 465400
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

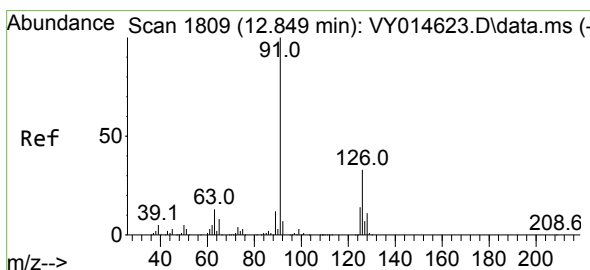
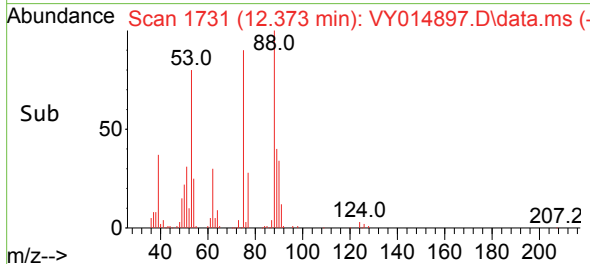
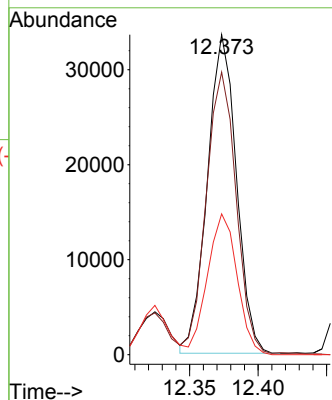
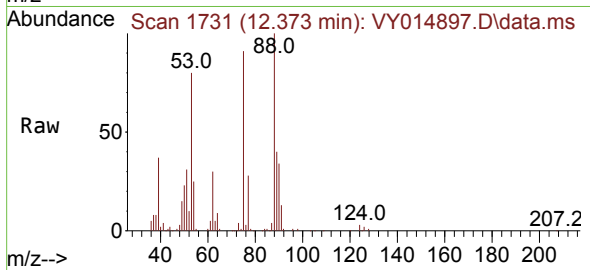




#81
trans-1,4-Dichloro-2-butene
Concen: 50.193 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

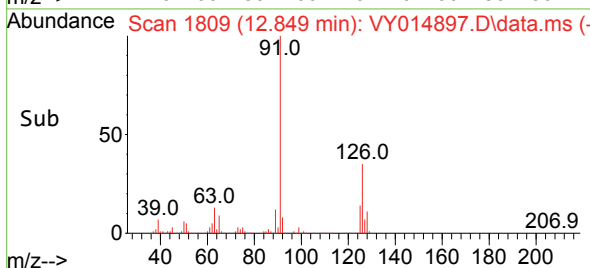
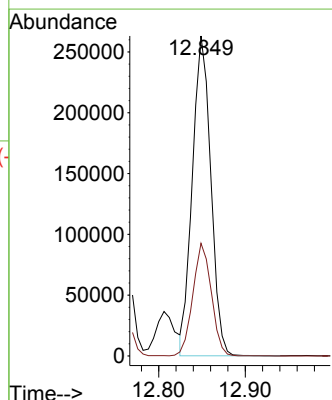
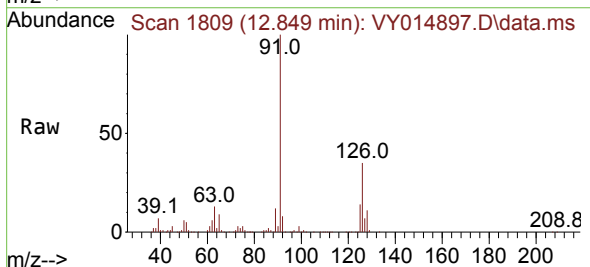
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

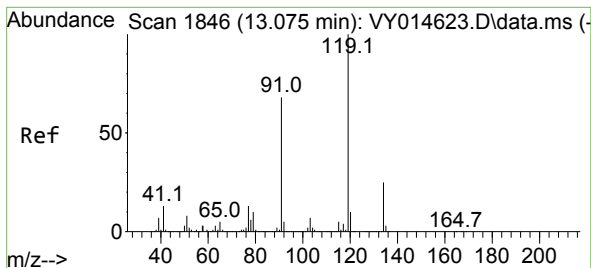
Tgt Ion: 75 Resp: 49494
Ion Ratio Lower Upper
75 100
53 91.8 77.8 116.8
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 45.975 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 91 Resp: 388996
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.127 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

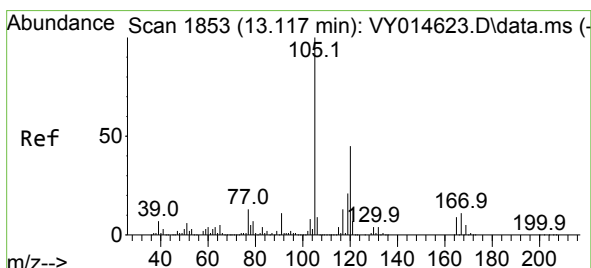
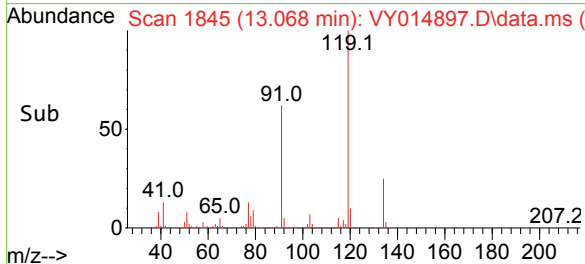
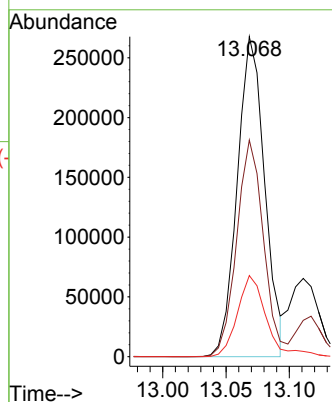
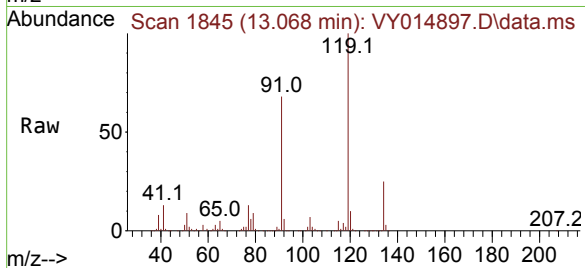
Tgt Ion:119 Resp: 404486

Ion Ratio Lower Upper

119 100

91 66.4 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.158 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014897.D

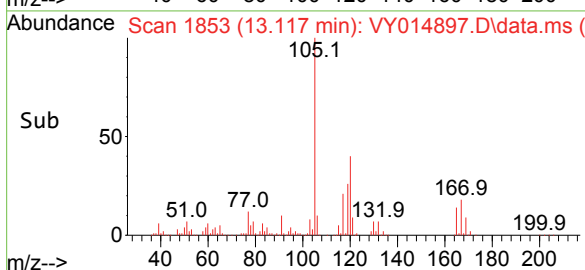
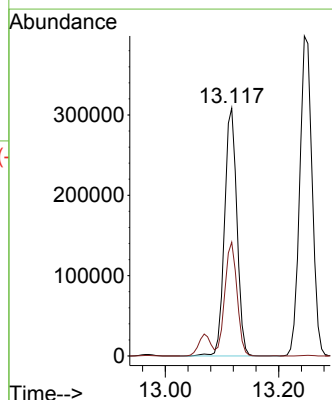
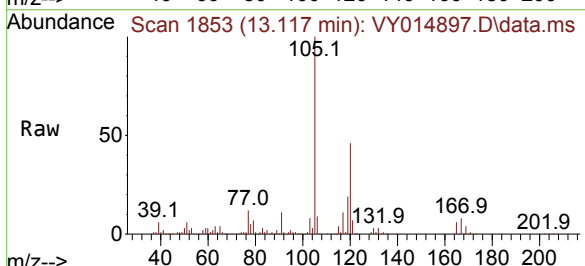
Acq: 28 Jul 2023 09:54

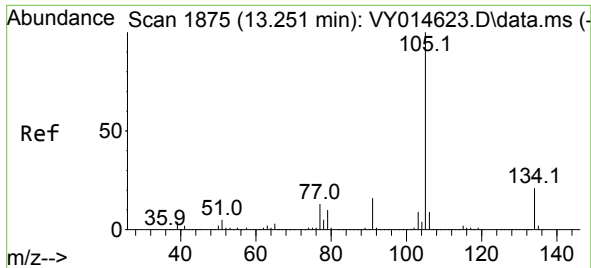
Tgt Ion:105 Resp: 467194

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

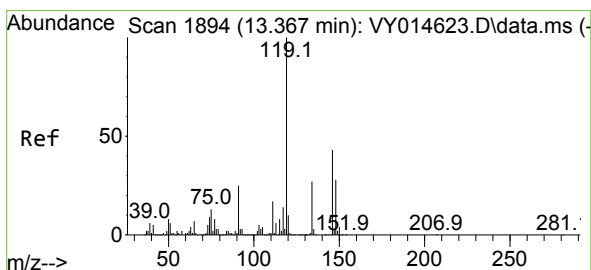
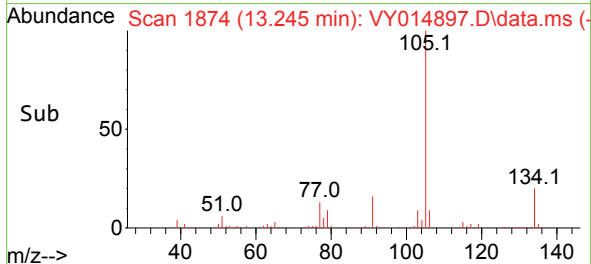
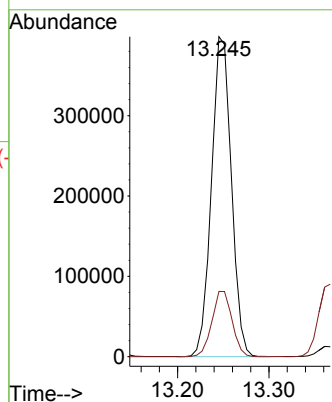
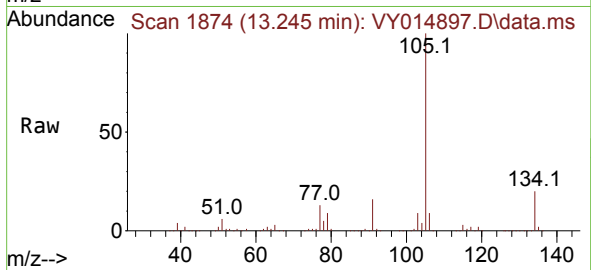




#85
 sec-Butylbenzene
 Concen: 46.821 ug/l
 RT: 13.245 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

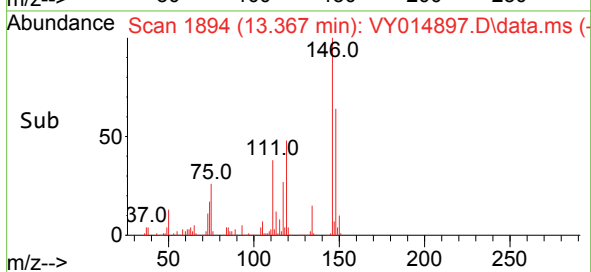
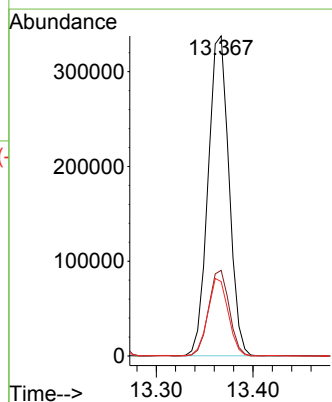
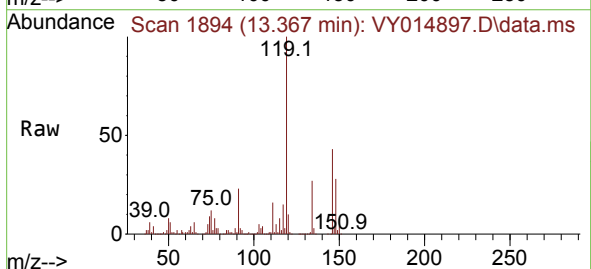
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

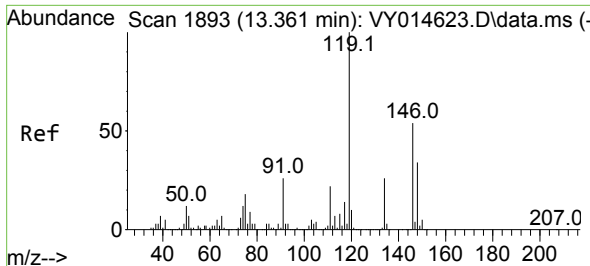
Tgt Ion:105 Resp: 602277
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 48.285 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014897.D
 Acq: 28 Jul 2023 09:54

Tgt Ion:119 Resp: 507117
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.7 12.4 37.4

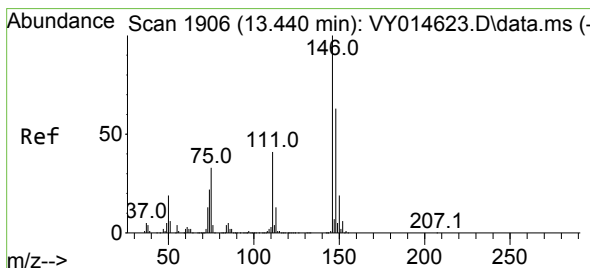
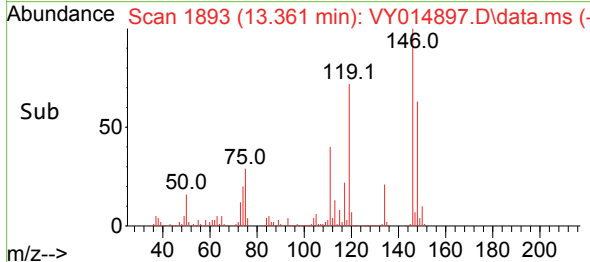
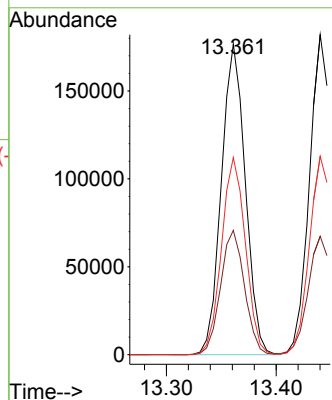
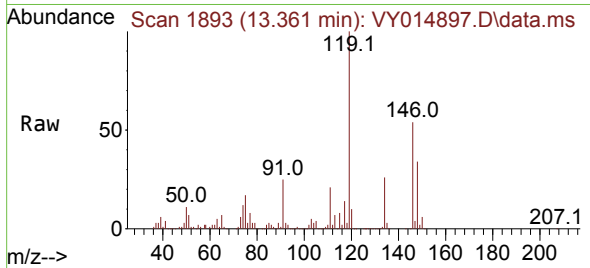




#87
1,3-Dichlorobenzene
Concen: 50.980 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

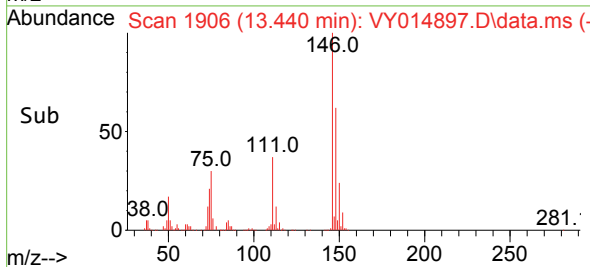
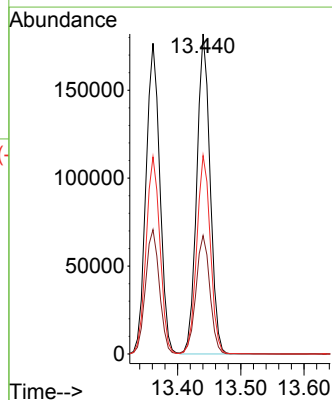
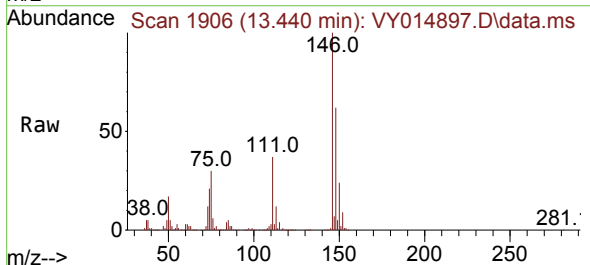
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

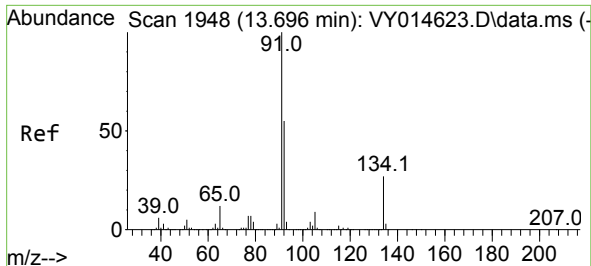
Tgt Ion:146 Resp: 268083
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 63.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.769 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:146 Resp: 267527
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.2 32.1 96.5

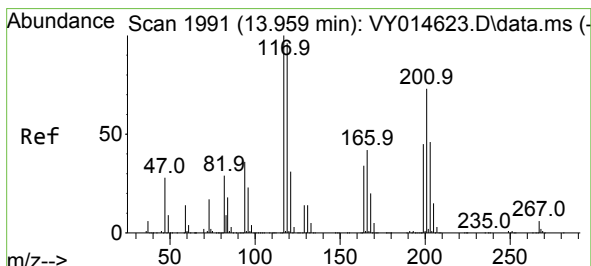
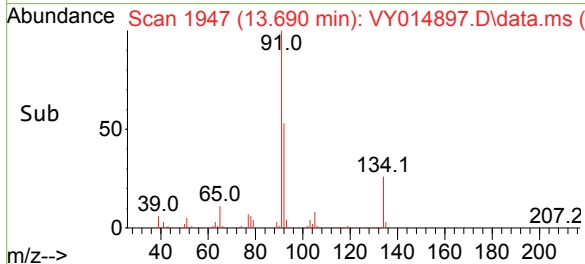
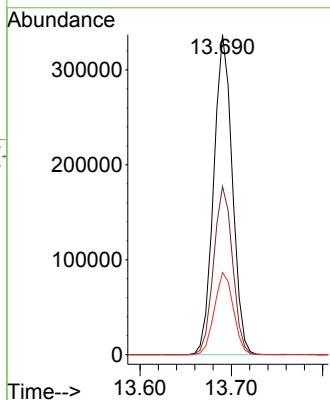
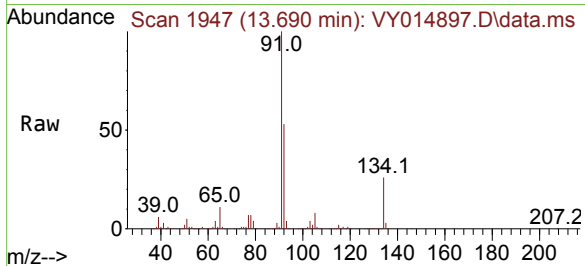




#89
n-Butylbenzene
Concen: 46.672 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

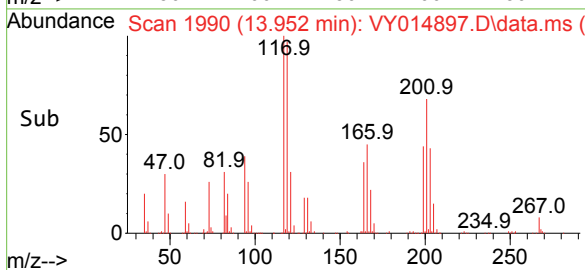
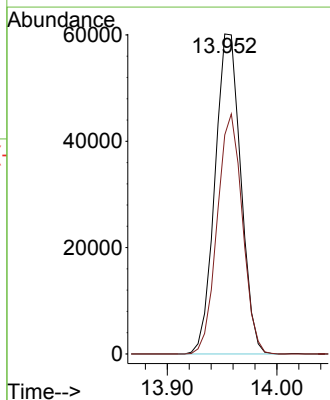
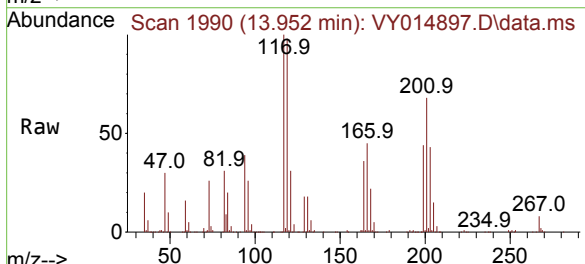
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

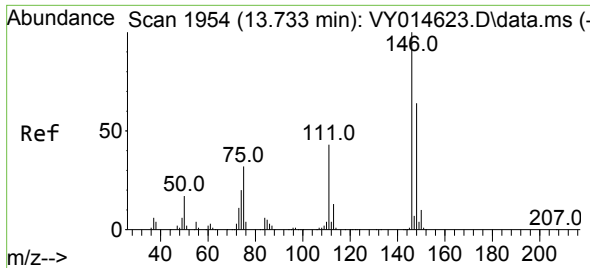
Tgt Ion: 91 Resp: 476897
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 45.603 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.007 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 117 Resp: 98376
Ion Ratio Lower Upper
117 100
201 73.3 41.6 124.8

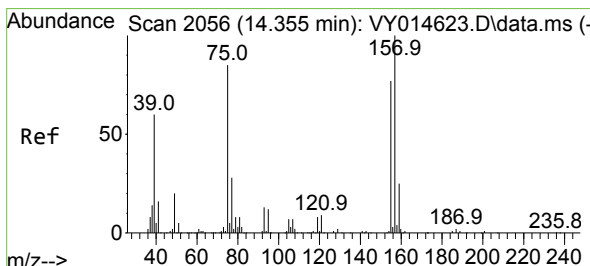
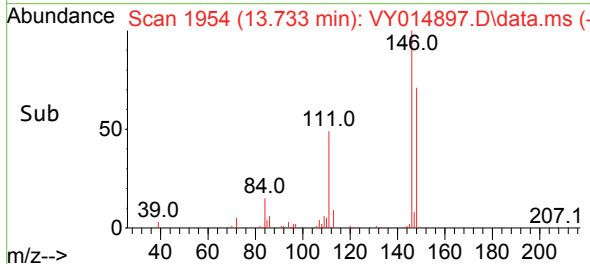
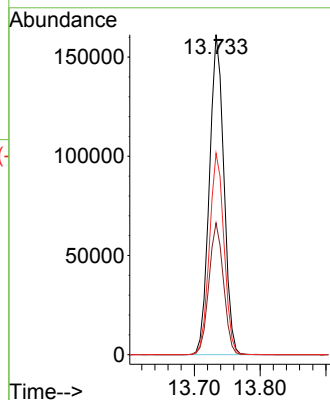
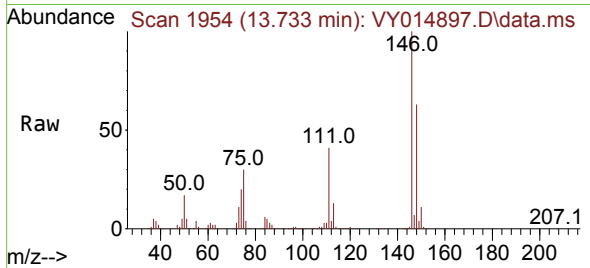




#91
1,2-Dichlorobenzene
Concen: 51.392 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

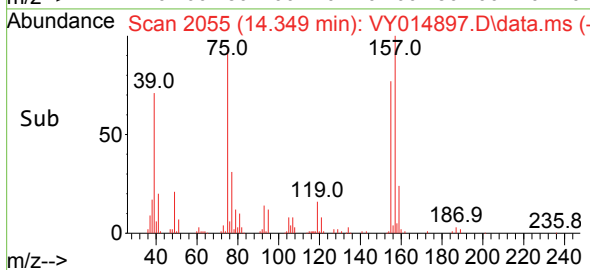
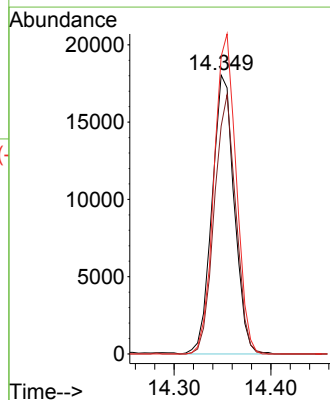
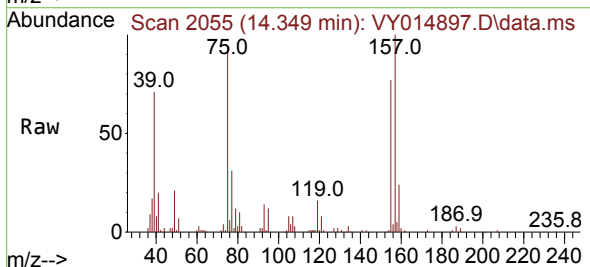
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

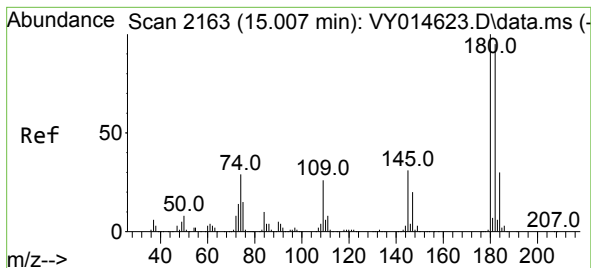
Tgt Ion:146 Resp: 247603
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.764 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion: 75 Resp: 28786
Ion Ratio Lower Upper
75 100
155 90.0 41.5 124.6
157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.076 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

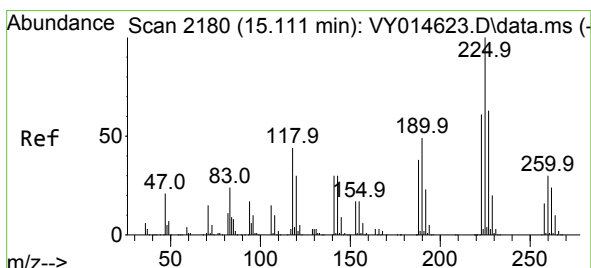
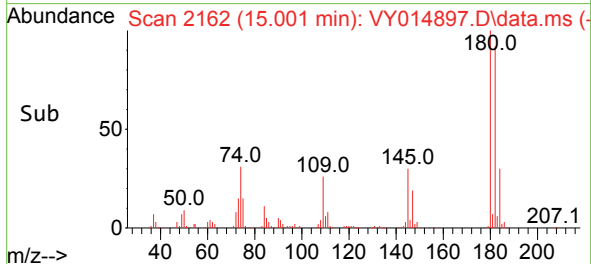
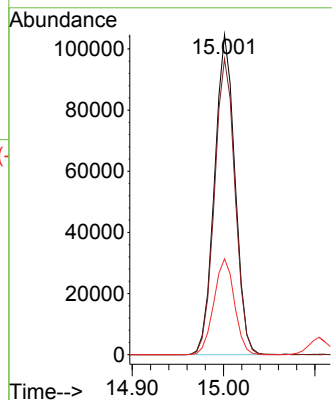
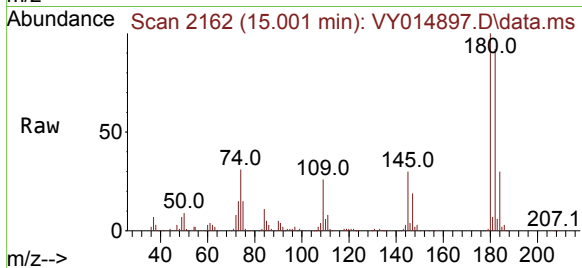
Tgt Ion:180 Resp: 162327

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.018 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014897.D

Acq: 28 Jul 2023 09:54

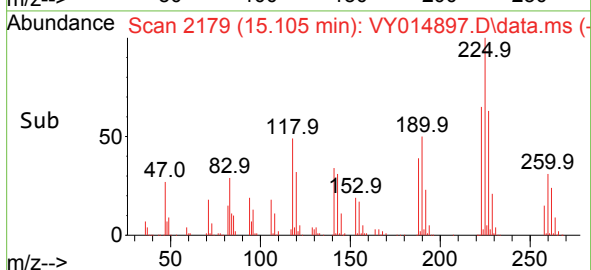
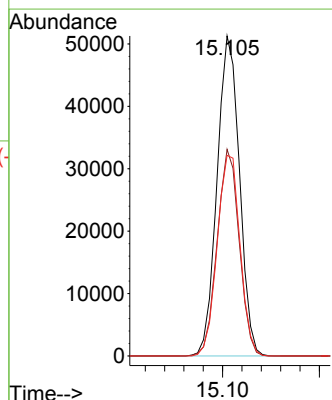
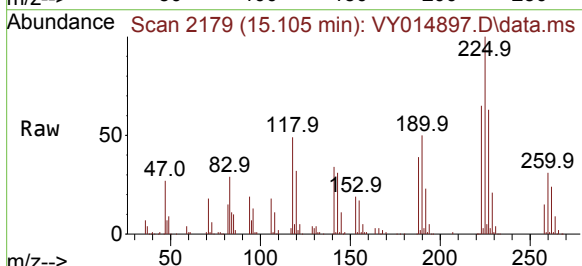
Tgt Ion:225 Resp: 82384

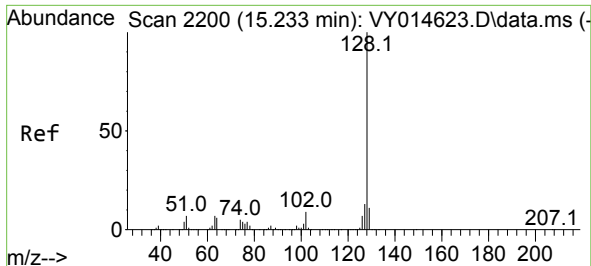
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.9 33.0 98.9

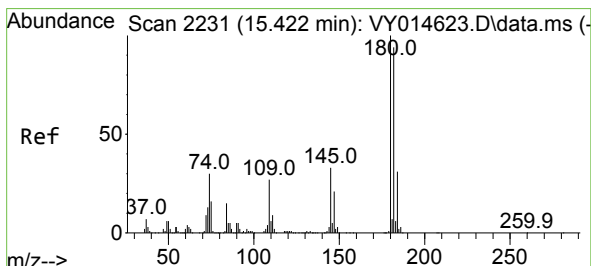
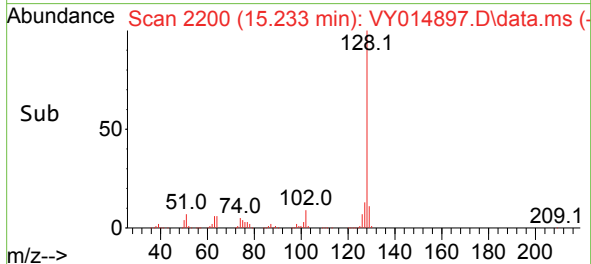
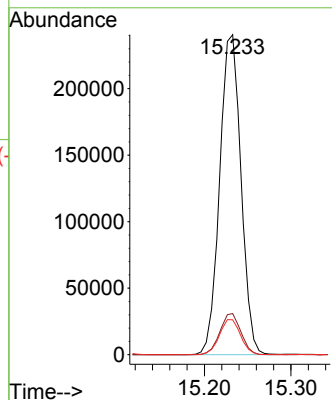
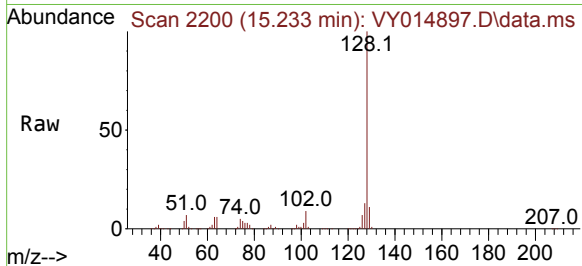




#95
Naphthalene
Concen: 57.725 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 411307
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.154 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY014897.D
Acq: 28 Jul 2023 09:54

Tgt Ion:180 Resp: 147196
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 33.0 15.4 46.2

