

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014486.D
 Acq On : 28 Jun 2023 17:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 02:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	249428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	351489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148046	47.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.716	113	112194	49.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.179	98	436699	48.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.483	95	157851	48.909	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	98298	42.455	ug/l	95
3) Chloromethane	2.107	50	98189	43.335	ug/l	100
4) Vinyl Chloride	2.247	62	109392	44.297	ug/l	94
5) Bromomethane	2.637	94	95751	44.129	ug/l	94
6) Chloroethane	2.784	64	75302	46.035	ug/l	98
7) Trichlorofluoromethane	3.113	101	238408	48.898	ug/l	99
8) Diethyl Ether	3.521	74	69606	46.825	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	114106	49.518	ug/l	97
10) Methyl Iodide	4.082	142	129204	42.862	ug/l	96
11) Tert butyl alcohol	4.948	59	115161	294.666	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	110249	47.979	ug/l	94
13) Acrolein	3.723	56	136938	329.415	ug/l	99
14) Allyl chloride	4.472	41	167842	45.735	ug/l	91
15) Acrylonitrile	5.155	53	209111	251.569	ug/l	99
16) Acetone	3.942	43	209671	215.162	ug/l	97
17) Carbon Disulfide	4.186	76	329382	46.320	ug/l	100
18) Methyl Acetate	4.472	43	158482	47.307	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	358697	50.751	ug/l	99
20) Methylene Chloride	4.704	84	130089	45.753	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	125592	49.708	ug/l	95
22) Diisopropyl ether	6.112	45	360541	49.436	ug/l	97
23) Vinyl Acetate	6.058	43	1142684	306.876	ug/l	96
24) 1,1-Dichloroethane	6.009	63	209116	48.286	ug/l	99
25) 2-Butanone	6.978	43	289452	238.479	ug/l	97
26) 2,2-Dichloropropane	6.978	77	211181	46.117	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	142642	50.152	ug/l	95
28) Bromochloromethane	7.332	49	91395	48.390	ug/l	83
29) Tetrahydrofuran	7.344	42	189794	262.244	ug/l	91
30) Chloroform	7.502	83	247121	50.584	ug/l	96
31) Cyclohexane	7.783	56	178094	46.558	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	235040	50.544	ug/l	98
36) 1,1-Dichloropropene	7.911	75	175085	49.958	ug/l	99
37) Ethyl Acetate	7.070	43	122111	50.558	ug/l #	96
38) Carbon Tetrachloride	7.899	117	226285	51.309	ug/l	98
39) Methylcyclohexane	9.179	83	206776	51.283	ug/l	96
40) Benzene	8.155	78	501907	50.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	181700	151.801	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	192875	51.251	ug/l	100
43) Isopropyl Acetate	8.271	43	215303	50.484	ug/l	96
44) Trichloroethene	8.935	130	143182	50.242	ug/l	93
45) 1,2-Dichloropropane	9.216	63	118315	50.553	ug/l	98
46) Dibromomethane	9.301	93	83203	52.022	ug/l	95
47) Bromodichloromethane	9.496	83	192971	51.766	ug/l	99
48) Methyl methacrylate	9.289	41	103713	52.360	ug/l	94
49) 1,4-Dioxane	9.295	88	29448	1177.549	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	647496	269.005	ug/l	96
52) Toluene	10.240	92	333689	52.248	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	207390	51.314	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	212418	50.955	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	115904	54.119	ug/l	96
56) Ethyl methacrylate	10.508	69	166245	54.353	ug/l	96
57) 1,3-Dichloropropane	10.788	76	190013	52.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	369176	257.676	ug/l	92
59) 2-Hexanone	10.831	43	490030	270.175	ug/l	97
60) Dibromochloromethane	10.983	129	153872	54.161	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115313	54.078	ug/l	98
64) Tetrachloroethene	10.721	164	155801	52.089	ug/l	97
65) Chlorobenzene	11.514	112	362208	50.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	150551	51.758	ug/l	97
67) Ethyl Benzene	11.593	91	659564	51.294	ug/l	98
68) m/p-Xylenes	11.703	106	519722	103.483	ug/l	97
69) o-Xylene	12.026	106	246761	51.636	ug/l	99
70) Styrene	12.044	104	424813	51.865	ug/l	99
71) Bromoform	12.203	173	114351	53.192	ug/l #	99
73) Isopropylbenzene	12.325	105	656104	49.367	ug/l	99
74) N-amyl acetate	12.142	43	207643	49.333	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	144054	50.718	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	206568	83.431	ug/l #	100
77) Bromobenzene	12.605	156	170765	49.417	ug/l	94
78) n-propylbenzene	12.672	91	797303	49.725	ug/l	99
79) 2-Chlorotoluene	12.758	91	450271	49.171	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	573478	49.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	53687	49.367	ug/l	97
82) 4-Chlorotoluene	12.855	91	473739	48.563	ug/l	97
83) tert-Butylbenzene	13.075	119	495477	50.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	571393	50.156	ug/l	100
85) sec-Butylbenzene	13.251	105	717446	50.336	ug/l	99
86) p-Isopropyltoluene	13.367	119	615395	49.868	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328033	49.216	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	330945	49.389	ug/l	99
89) n-Butylbenzene	13.696	91	559440	49.616	ug/l	98
90) Hexachloroethane	13.959	117	115003	48.986	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	301904	49.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31415	50.044	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	193709	49.000	ug/l	99
94) Hexachlorobutadiene	15.111	225	113923	47.975	ug/l	98
95) Naphthalene	15.233	128	423878	49.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	173407	48.174	ug/l	99

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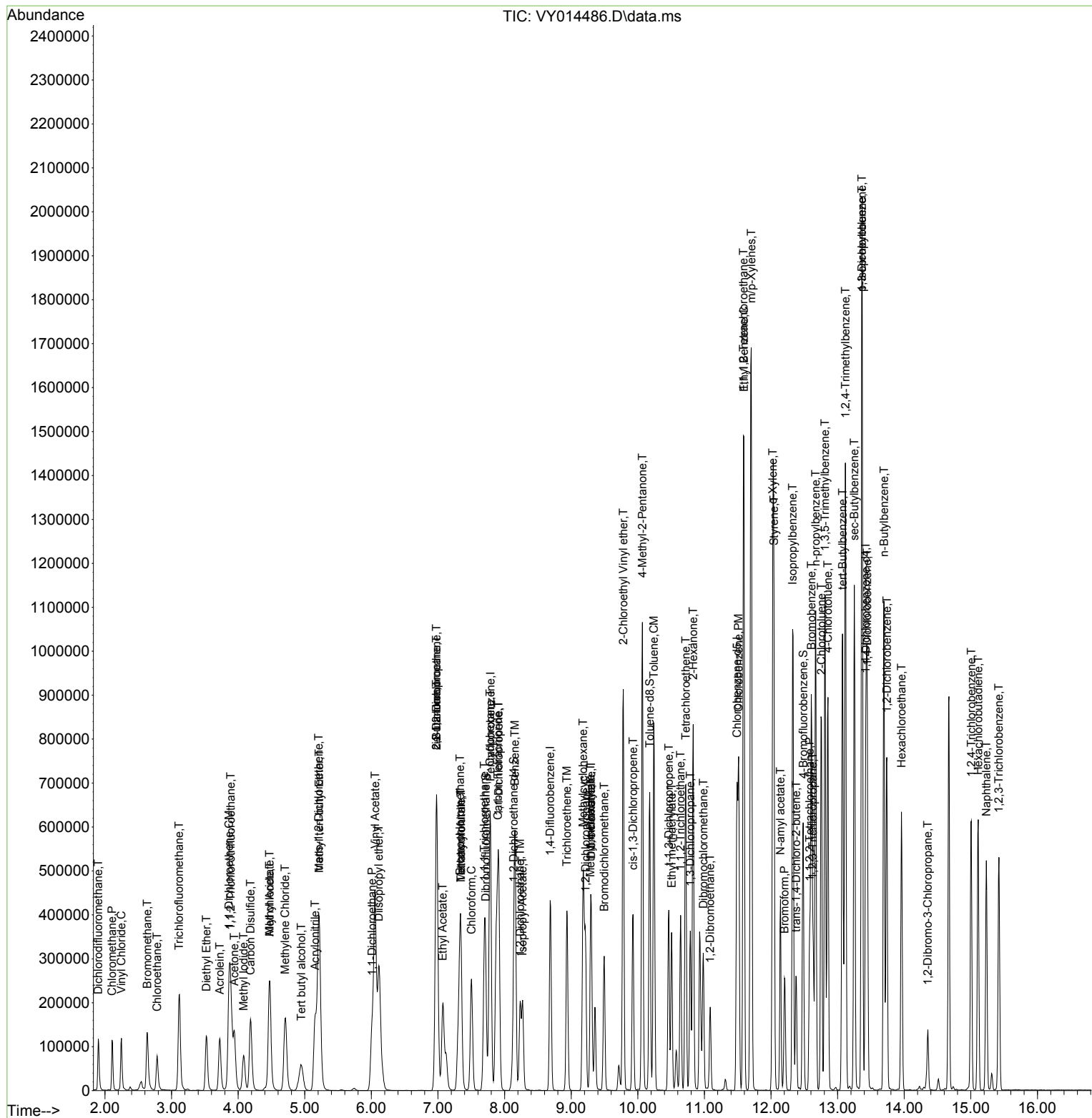
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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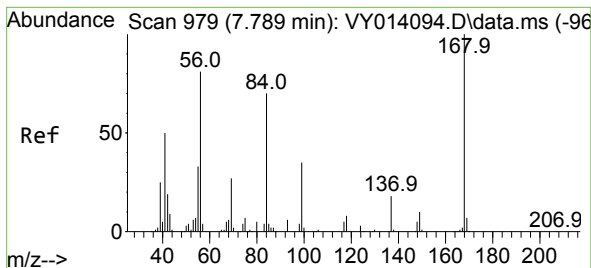
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY014486.D

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Instrument :

MSVOA_Y

ClientSampleId :

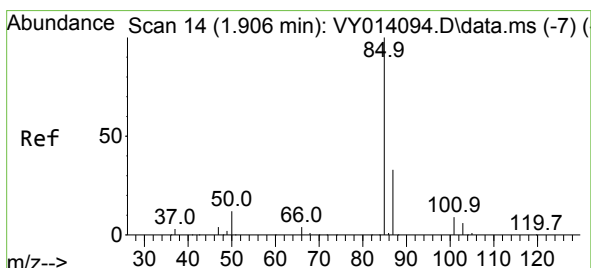
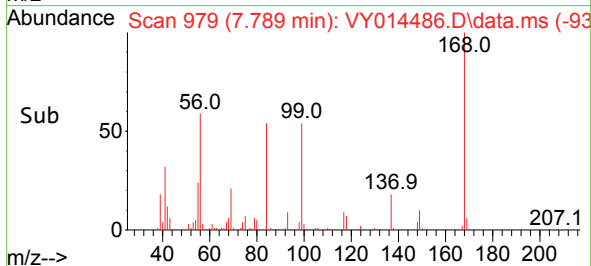
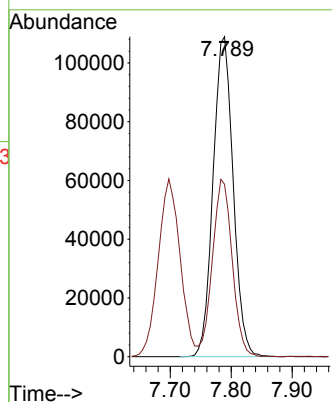
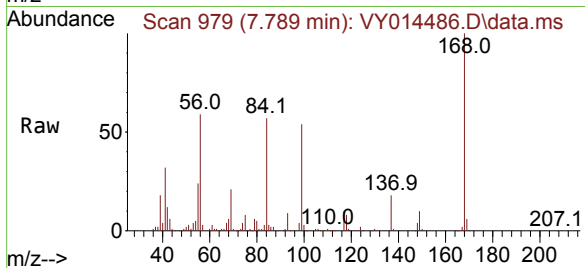
VSTDC050EC

Tgt Ion:168 Resp: 249428

Ion Ratio Lower Upper

168 100

99 53.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 42.455 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014486.D

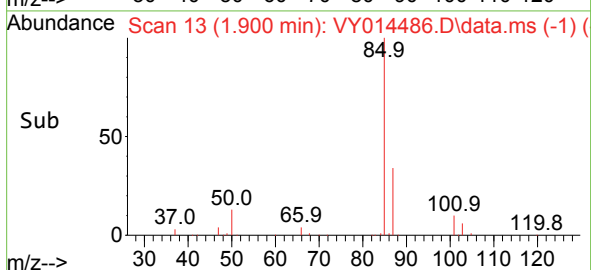
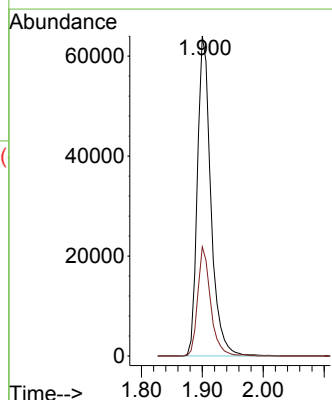
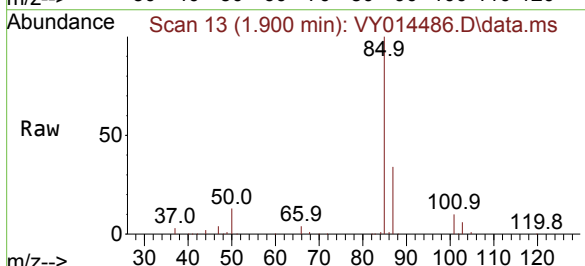
Acq: 28 Jun 2023 17:19

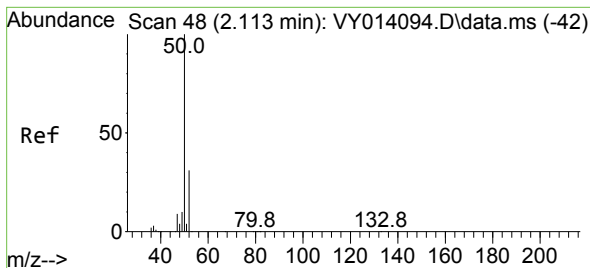
Tgt Ion: 85 Resp: 98298

Ion Ratio Lower Upper

85 100

87 34.1 15.6 46.8





#3

Chloromethane

Concen: 43.335 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

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ClientSampleId :

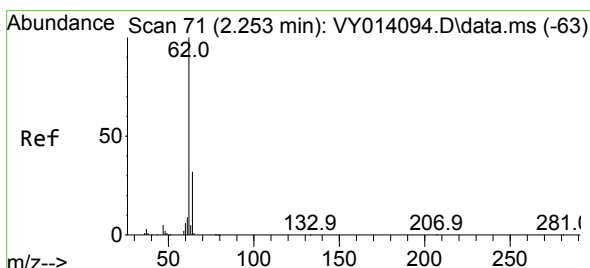
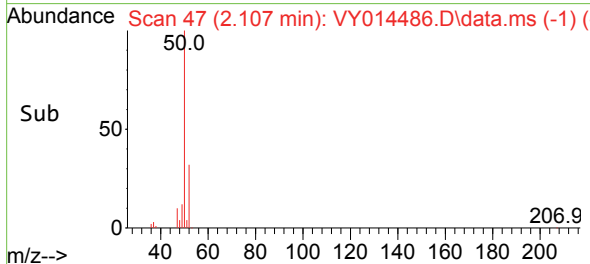
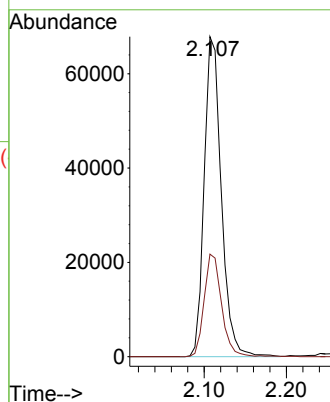
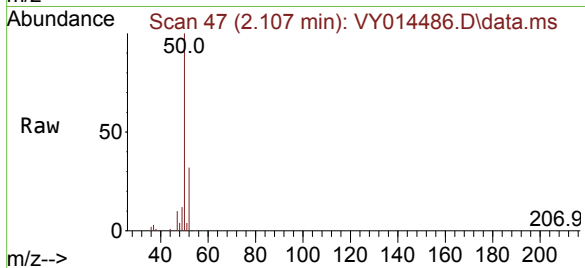
VSTDCCC050EC

Tgt Ion: 50 Resp: 98189

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 44.297 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY014486.D

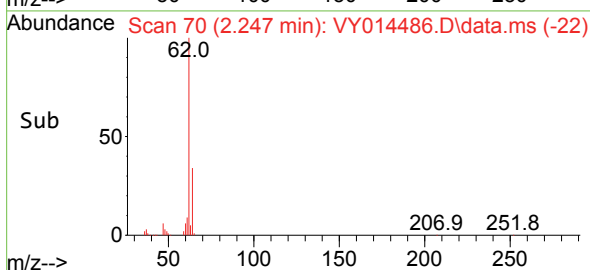
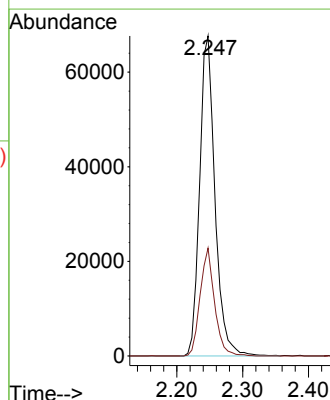
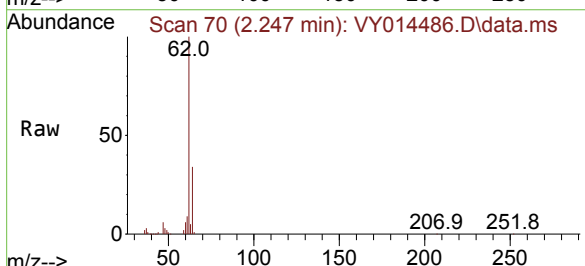
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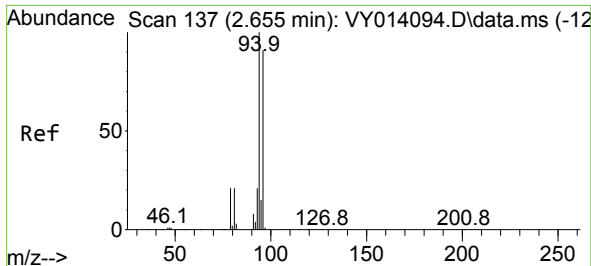
Tgt Ion: 62 Resp: 109392

Ion Ratio Lower Upper

62 100

64 33.7 24.3 36.5

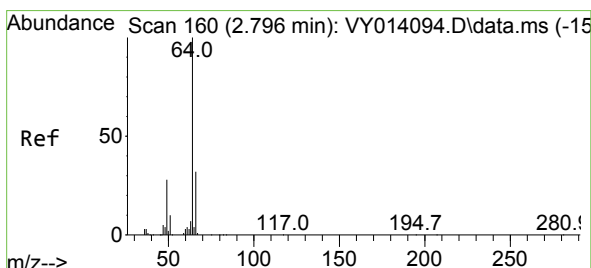
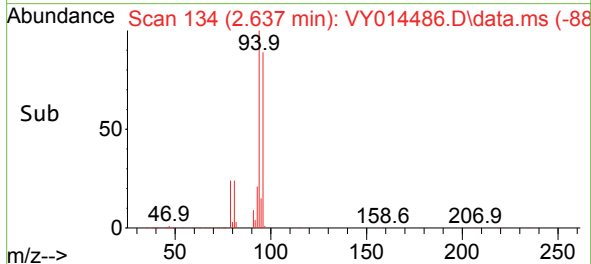
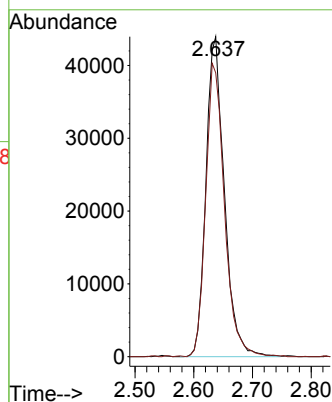
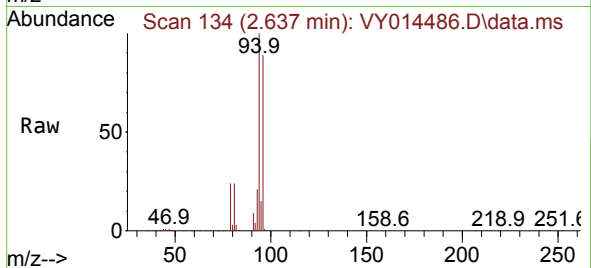




#5
Bromomethane
Concen: 44.129 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014486.D
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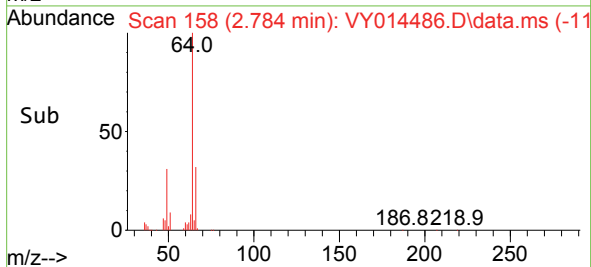
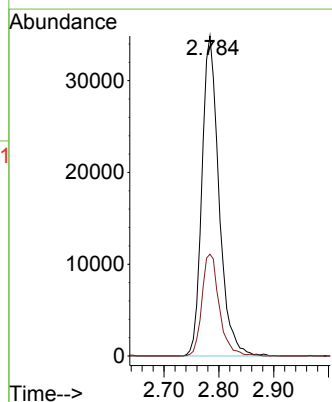
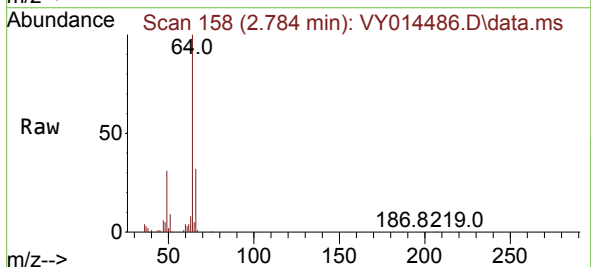
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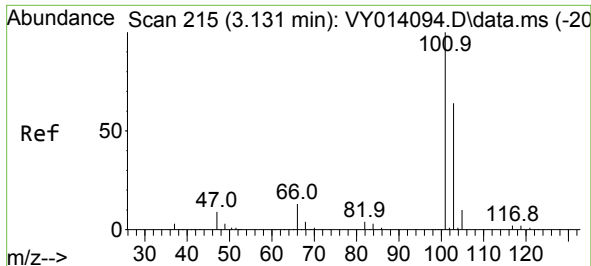
Tgt Ion: 94 Resp: 95751
Ion Ratio Lower Upper
94 100
96 88.5 75.8 113.6



#6
Chloroethane
Concen: 46.035 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014486.D
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Tgt Ion: 64 Resp: 75302
Ion Ratio Lower Upper
64 100
66 31.8 24.4 36.6

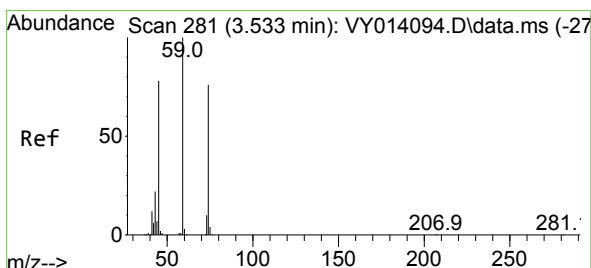
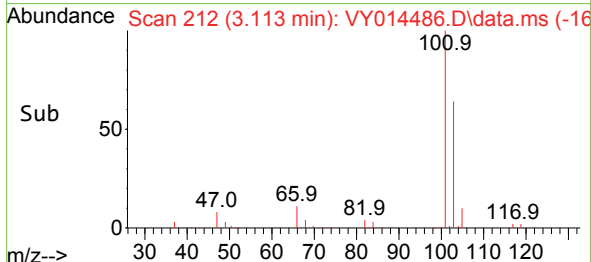
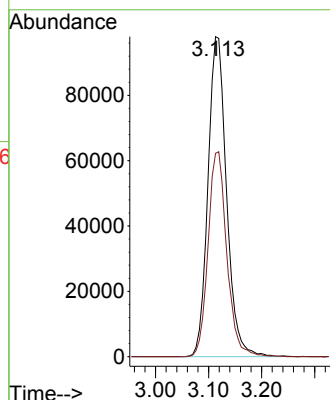
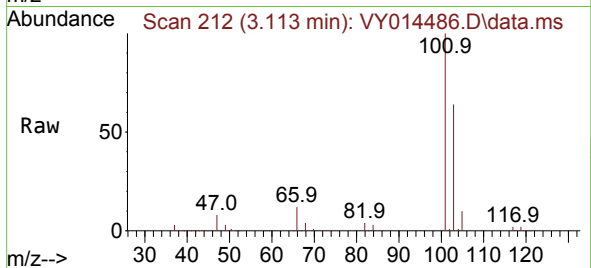




#7
 Trichlorofluoromethane
 Concen: 48.898 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

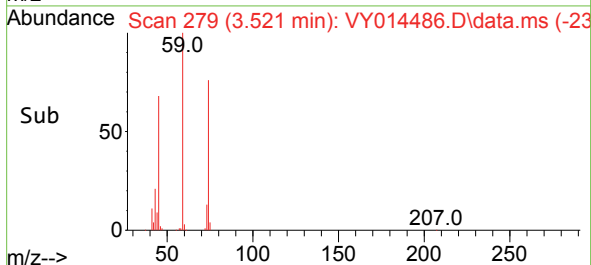
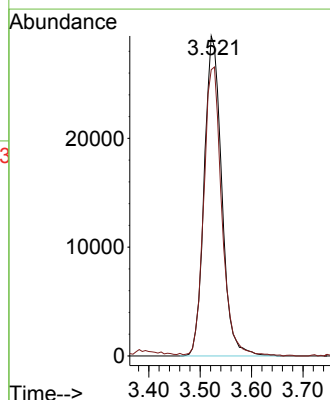
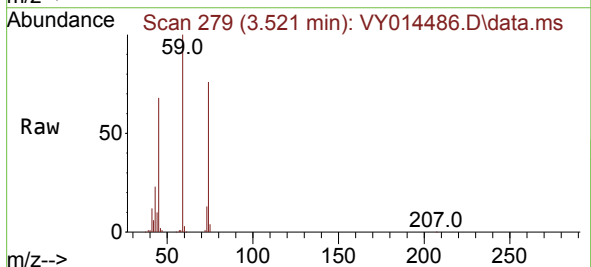
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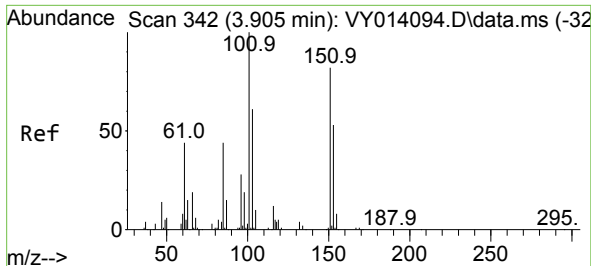
Tgt Ion:101 Resp: 238408
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.825 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.012 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion: 74 Resp: 69606
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5

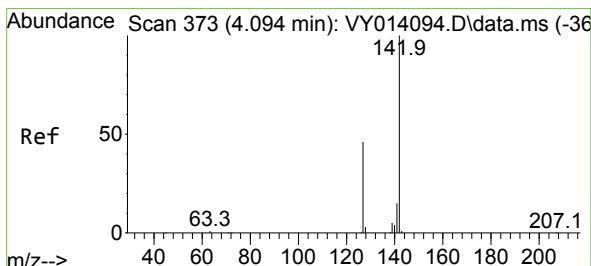
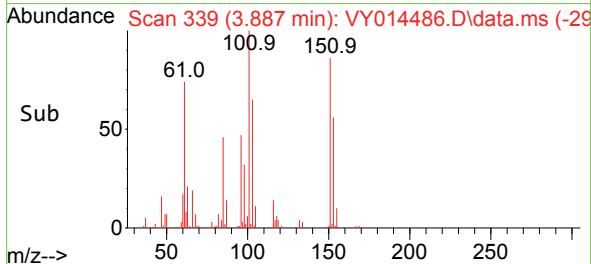
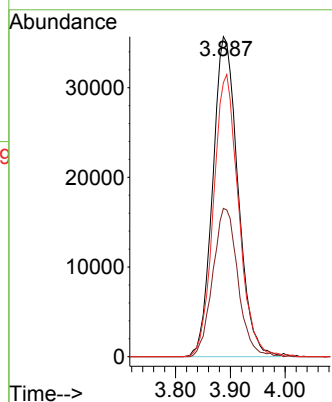
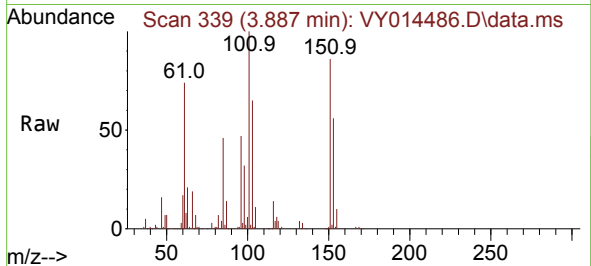




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.518 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

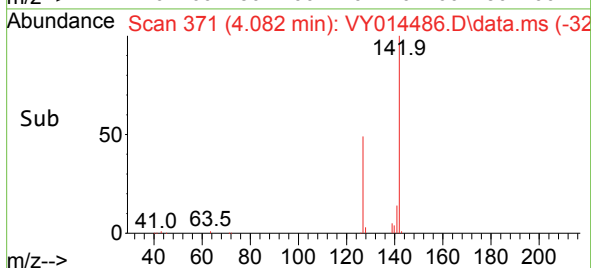
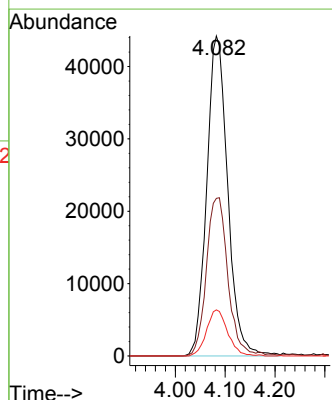
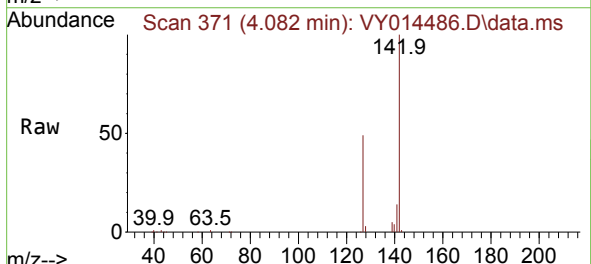
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

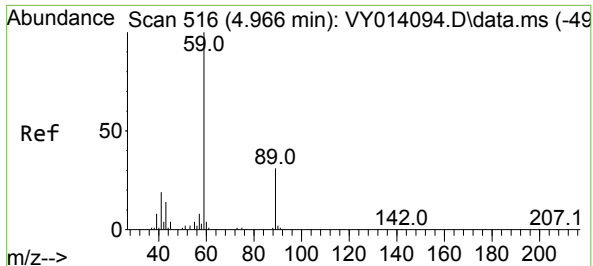
Tgt Ion:101 Resp: 114106
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 87.7 67.0 100.6



#10
Methyl Iodide
Concen: 42.862 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:142 Resp: 129204
Ion Ratio Lower Upper
142 100
127 50.3 37.6 56.4
141 14.5 11.8 17.8

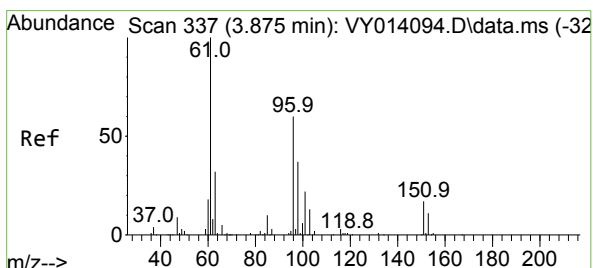
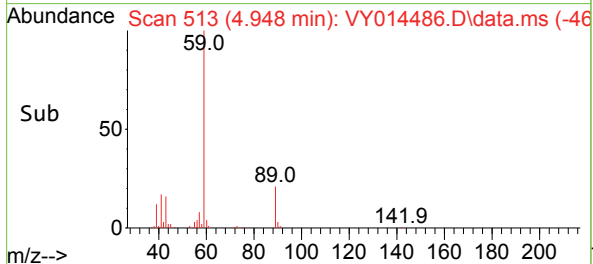
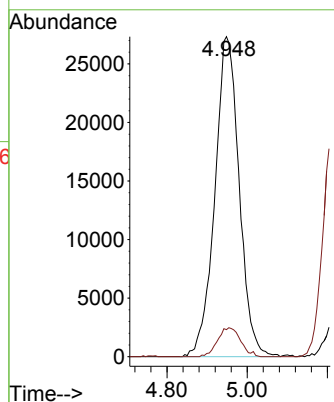
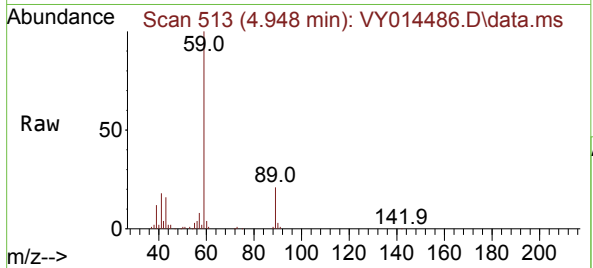




#11
Tert butyl alcohol
Concen: 294.666 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

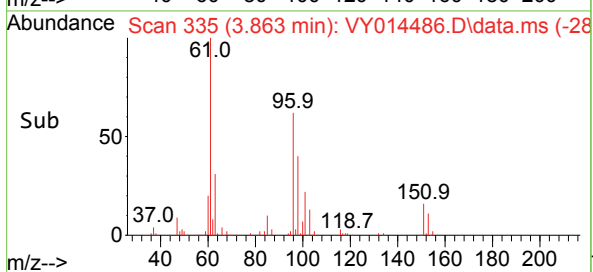
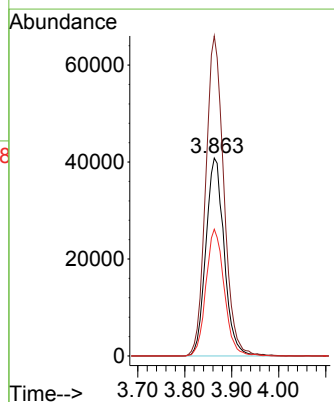
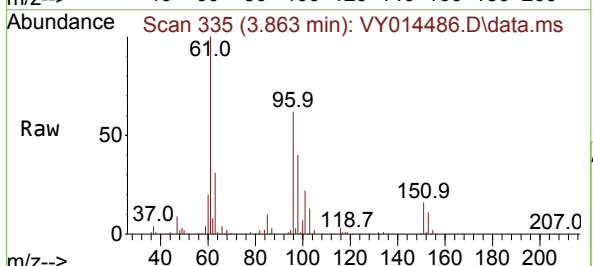
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

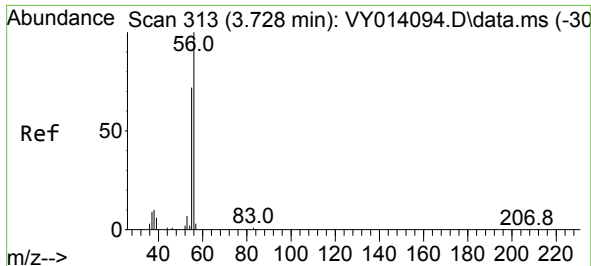
Tgt Ion: 59 Resp: 115161
Ion Ratio Lower Upper
59 100
57 8.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.979 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 96 Resp: 110249
Ion Ratio Lower Upper
96 100
61 161.6 136.4 204.6
98 64.0 49.4 74.2

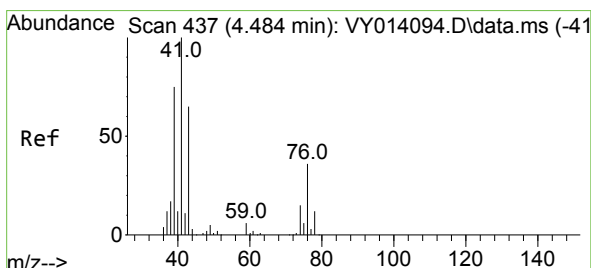
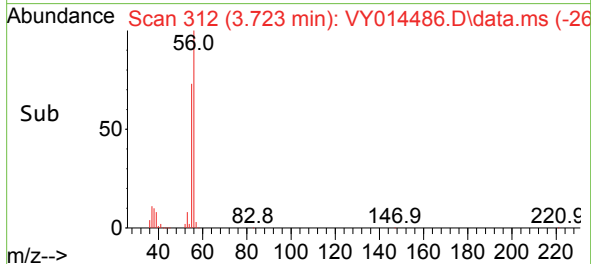
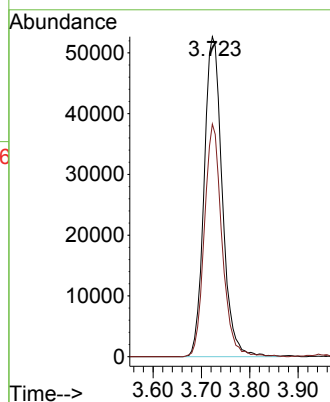
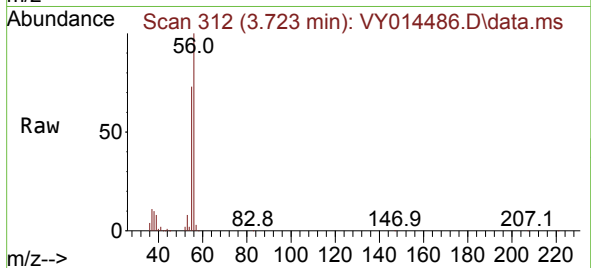




#13
Acrolein
Concen: 329.415 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

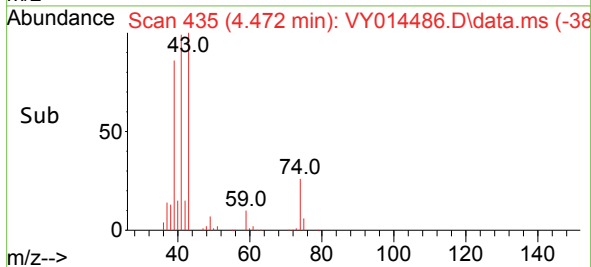
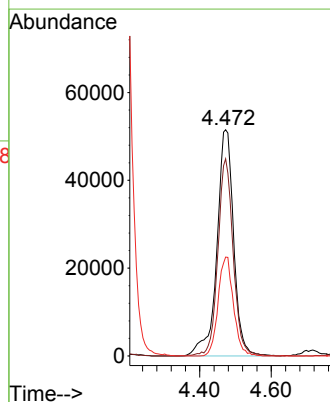
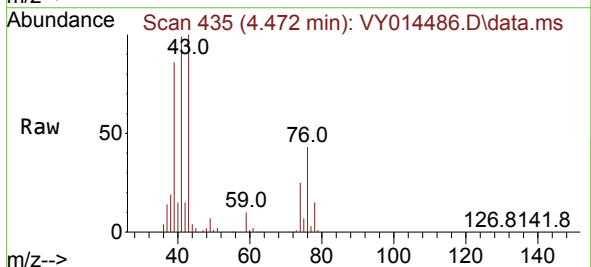
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

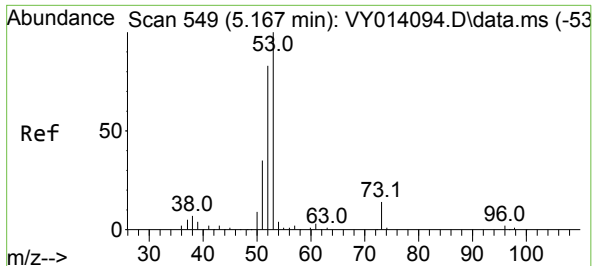
Tgt Ion: 56 Resp: 136938
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 45.735 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 41 Resp: 167842
Ion Ratio Lower Upper
41 100
39 79.7 58.0 87.0
76 39.9 27.4 41.2

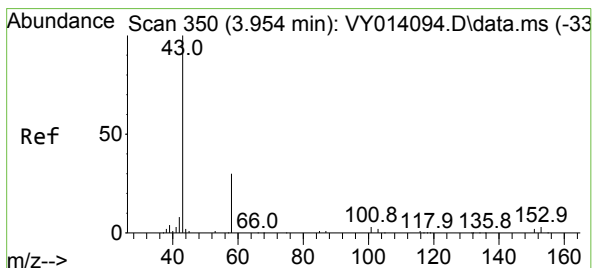
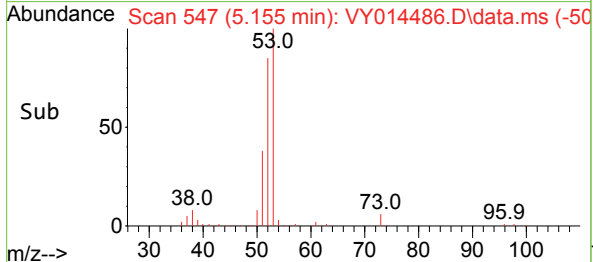
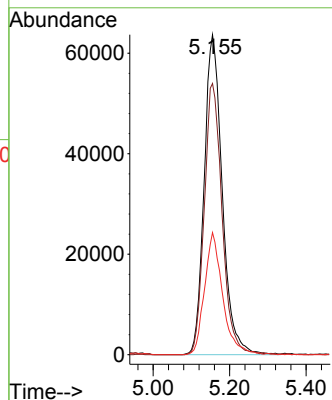
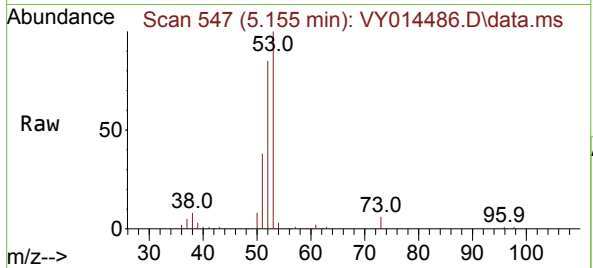




#15
Acrylonitrile
Concen: 251.569 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

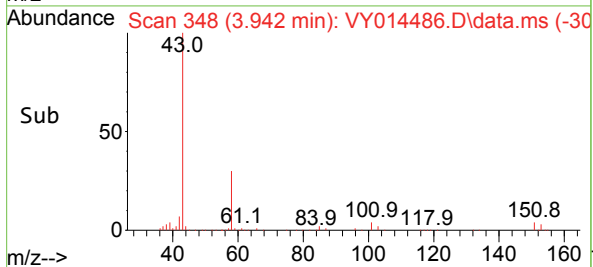
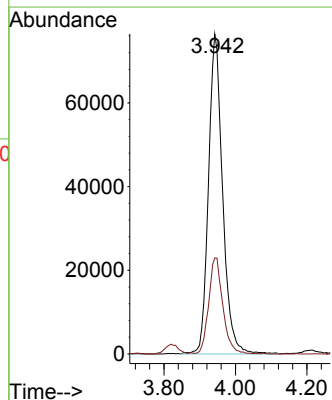
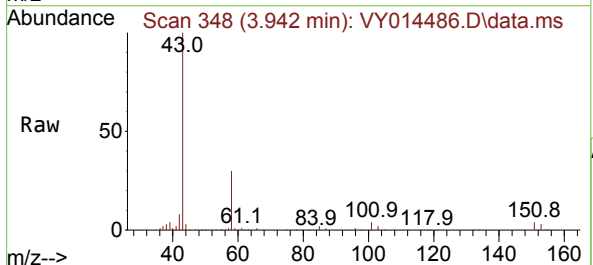
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

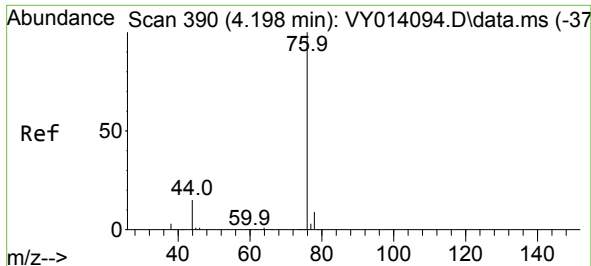
Tgt Ion: 53	Resp: 209111
Ion Ratio	Lower Upper
53 100	
52 83.3	66.9 100.3
51 38.3	29.8 44.6



#16
Acetone
Concen: 215.162 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 43	Resp: 209671
Ion Ratio	Lower Upper
43 100	
58 30.0	22.7 34.1

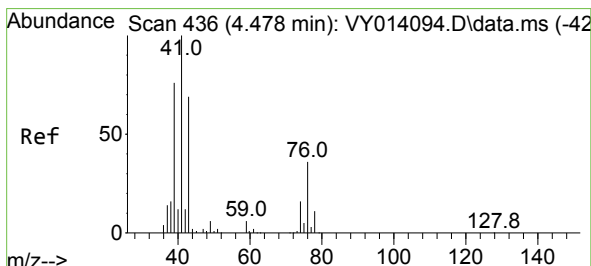
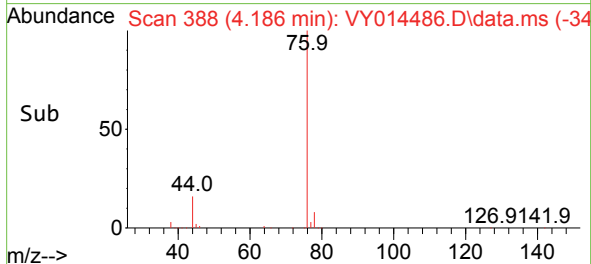
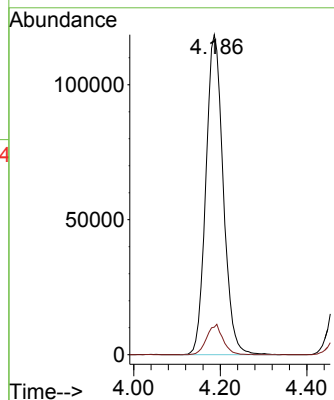
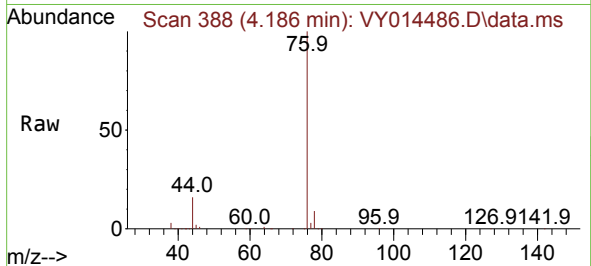




#17
Carbon Disulfide
Concen: 46.320 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

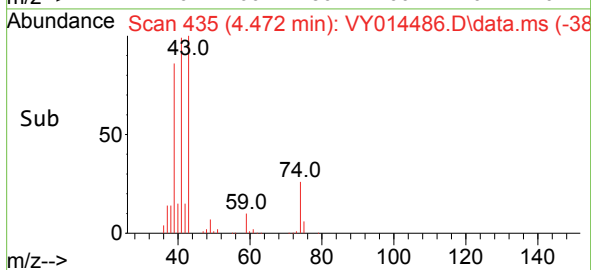
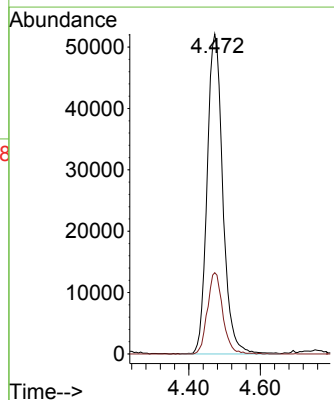
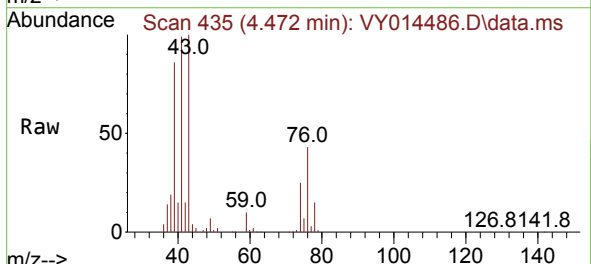
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

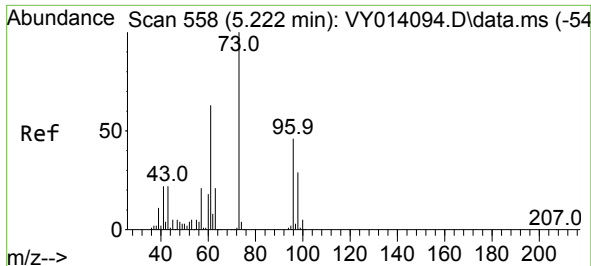
Tgt Ion: 76 Resp: 329382
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 47.307 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 43 Resp: 158482
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0

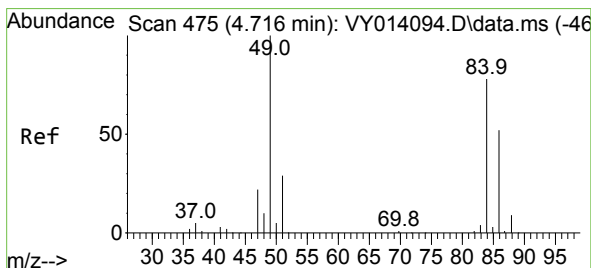
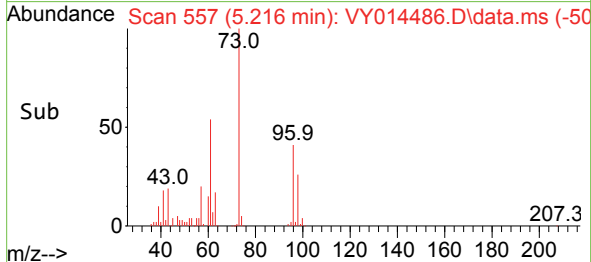
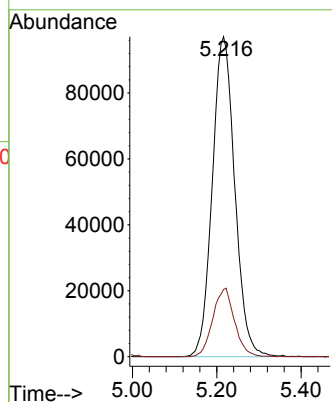
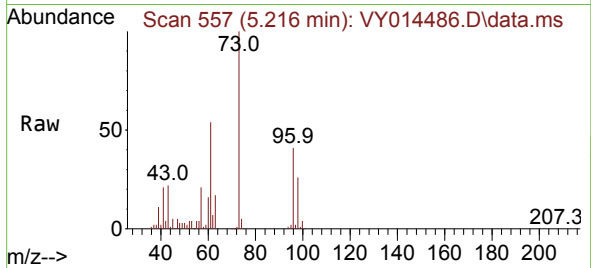




#19
Methyl tert-butyl Ether
Concen: 50.751 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

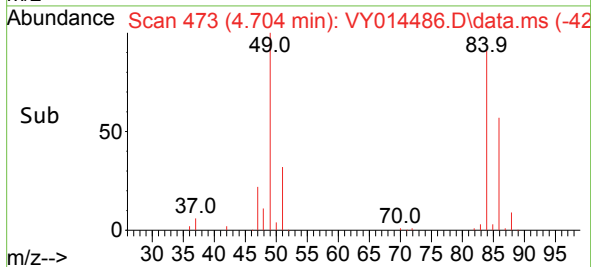
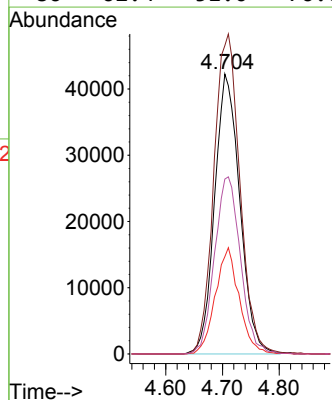
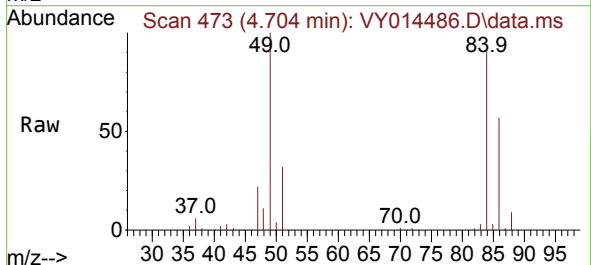
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

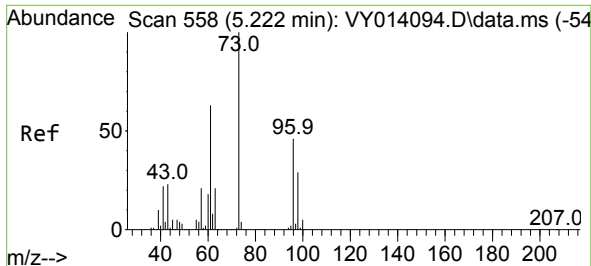
Tgt Ion: 73 Resp: 358697
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 45.753 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 84 Resp: 130089
Ion Ratio Lower Upper
84 100
49 110.2 106.9 160.3
51 34.8 33.2 49.8
86 62.4 51.0 76.6

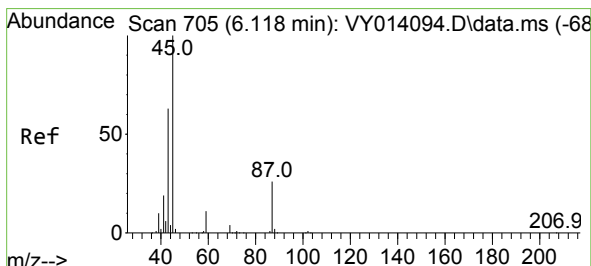
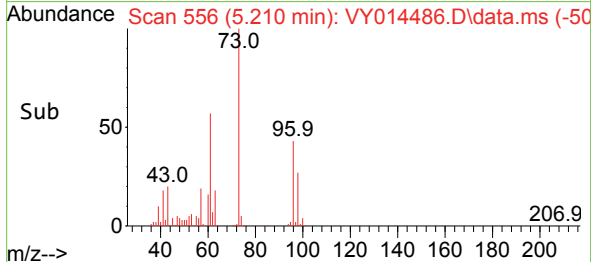
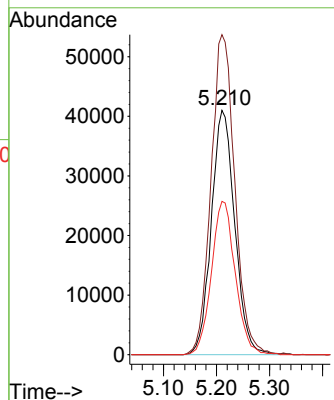
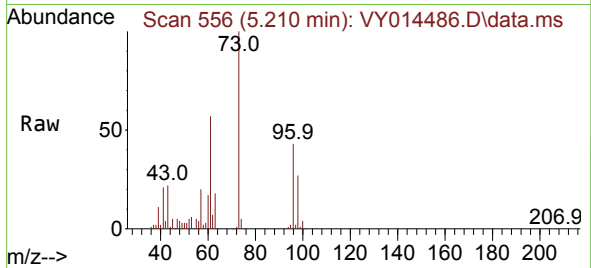




#21
trans-1,2-Dichloroethene
Concen: 49.708 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

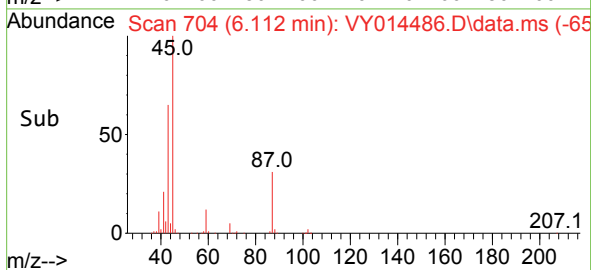
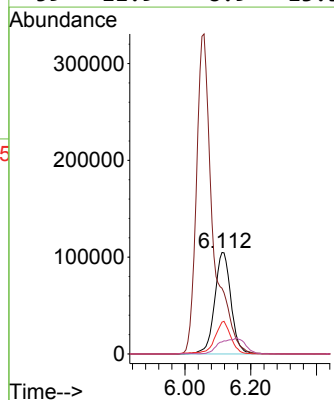
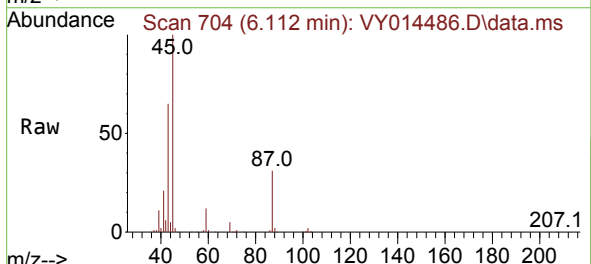
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

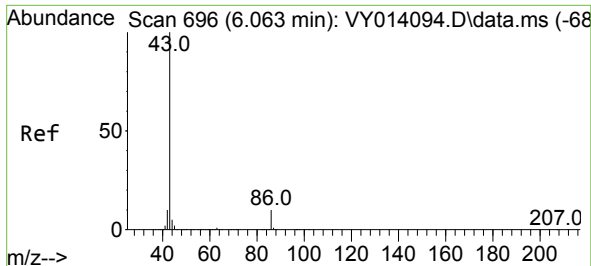
Tgt Ion: 96 Resp: 125592
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 62.8 51.8 77.6



#22
Diisopropyl ether
Concen: 49.436 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 45 Resp: 360541
Ion Ratio Lower Upper
45 100
43 64.7 52.2 78.4
87 31.4 21.0 31.6
59 11.9 8.9 13.3

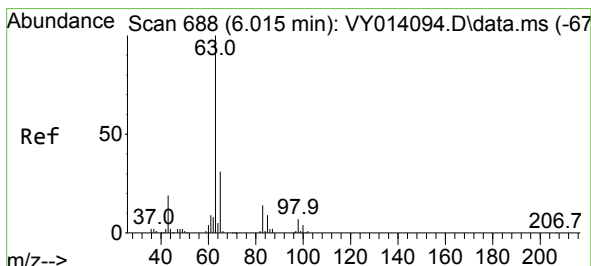
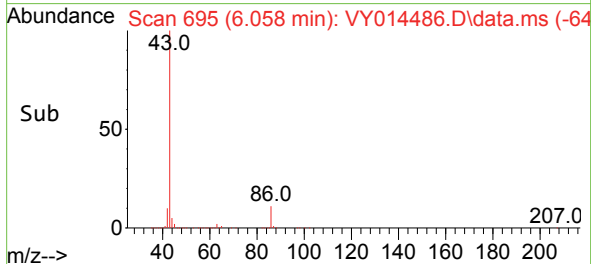
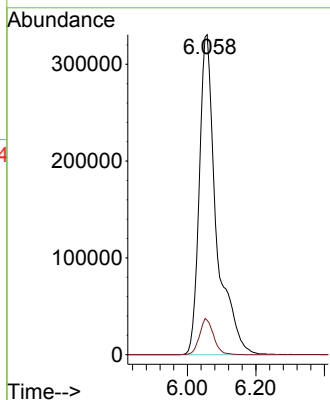
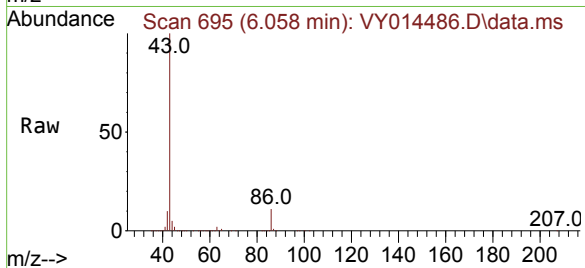




#23
 Vinyl Acetate
 Concen: 306.876 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

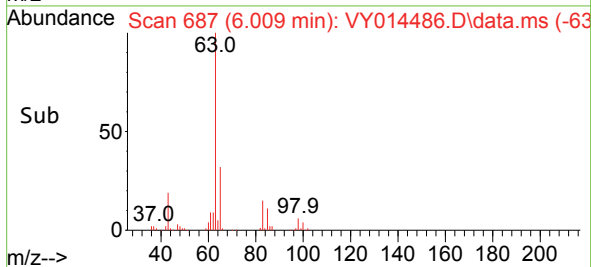
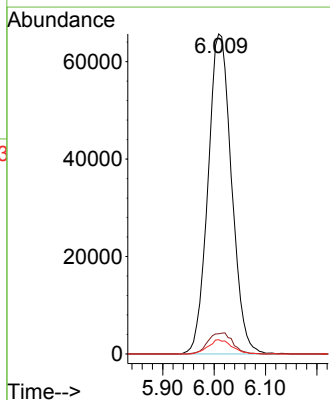
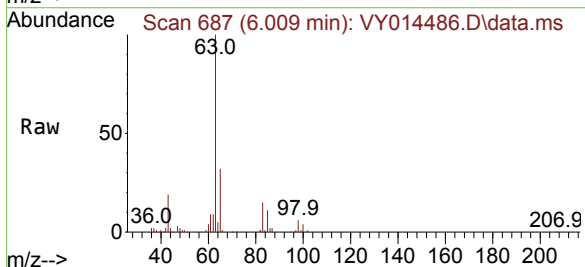
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

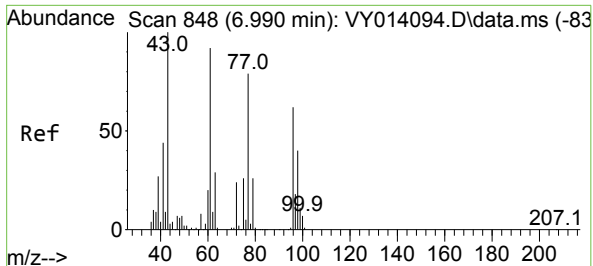
Tgt Ion: 43 Resp: 1142684
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.286 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion: 63 Resp: 209116
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 238.479 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

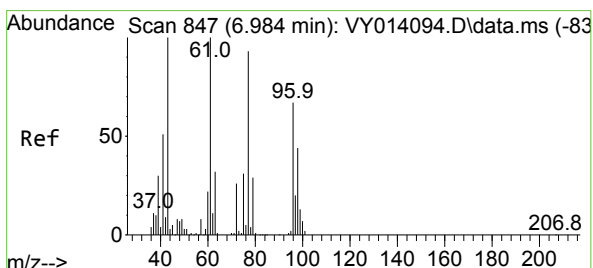
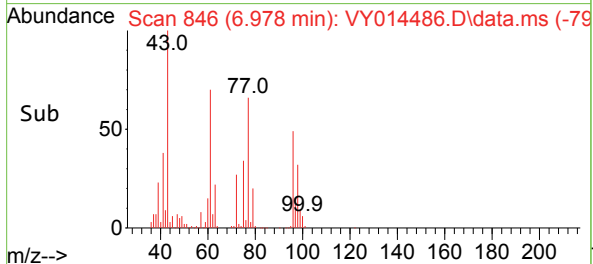
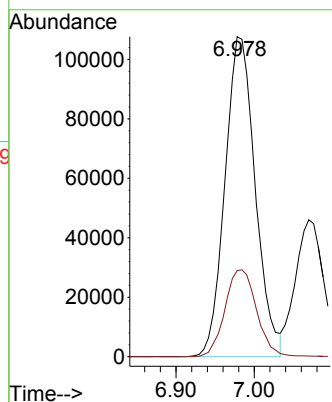
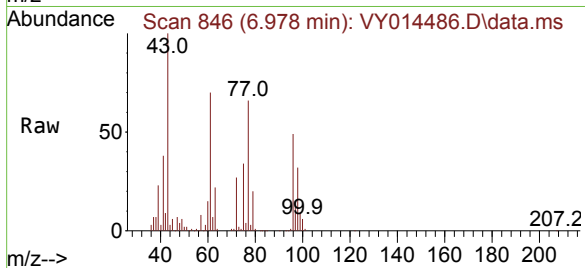
VSTDCCC050EC

Tgt Ion: 43 Resp: 289452

Ion Ratio Lower Upper

43 100

72 26.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.117 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014486.D

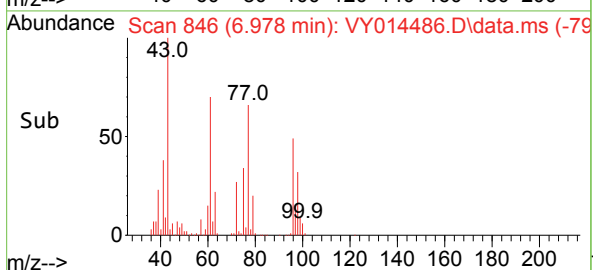
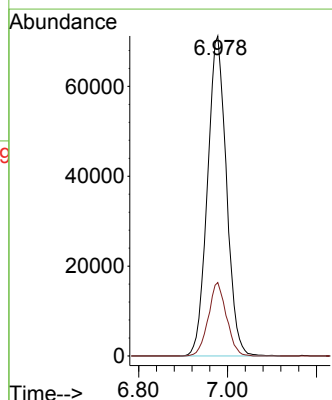
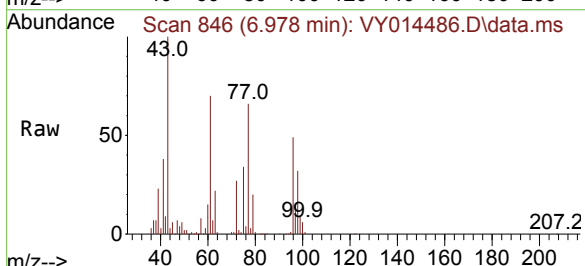
Acq: 28 Jun 2023 17:19

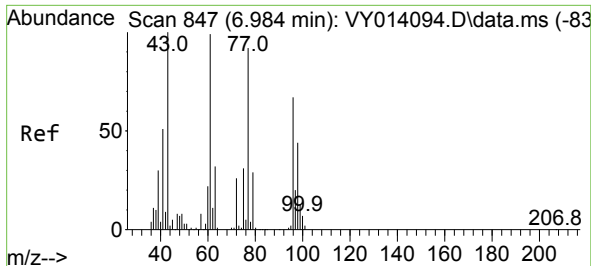
Tgt Ion: 77 Resp: 211181

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9

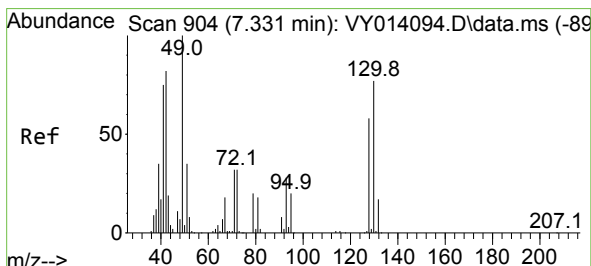
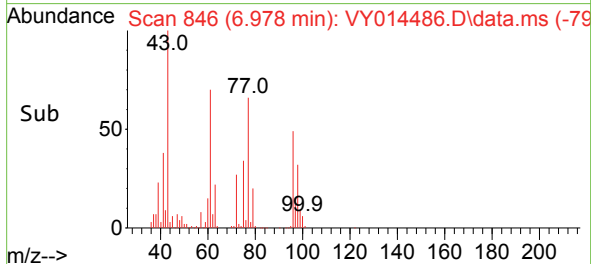
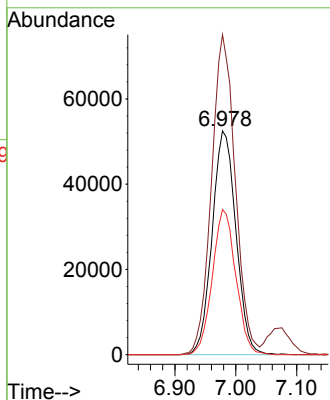
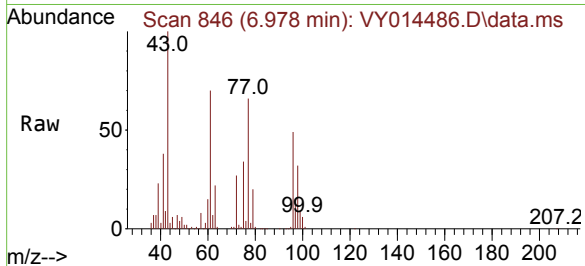




#27
 cis-1,2-Dichloroethene
 Concen: 50.152 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

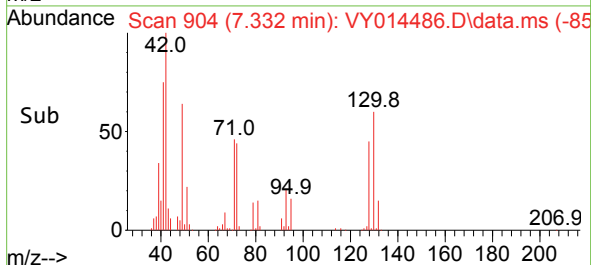
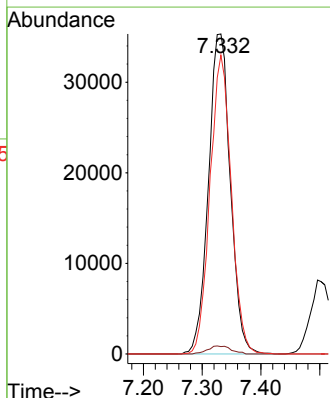
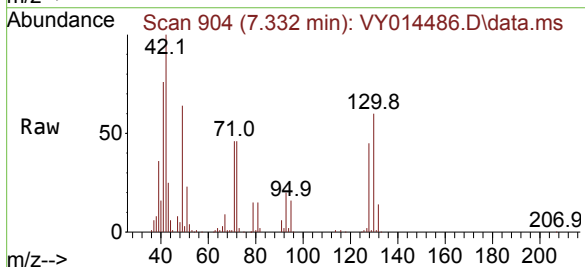
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

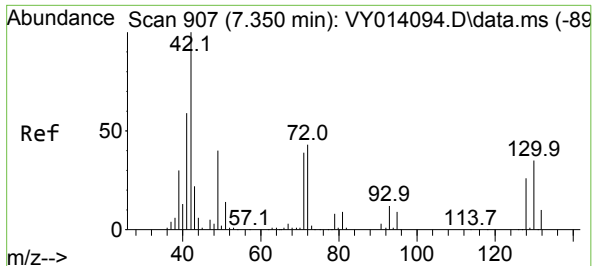
Tgt Ion: 96 Resp: 142642
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 301.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 48.390 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion: 49 Resp: 91395
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 90.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 262.244 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

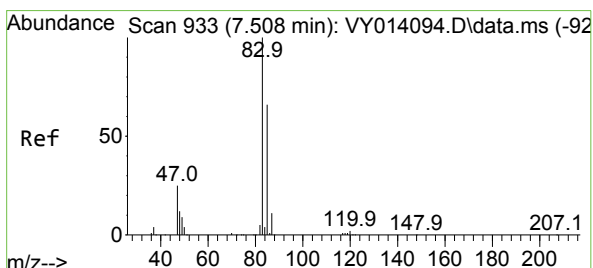
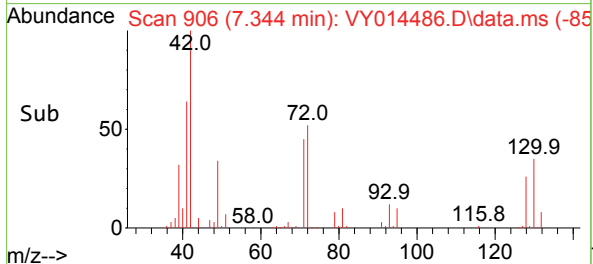
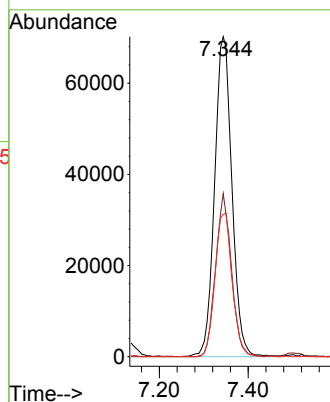
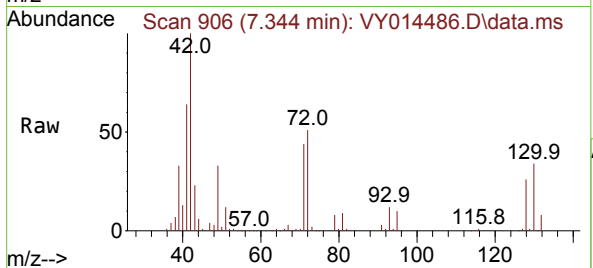
Tgt Ion: 42 Resp: 189794

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 50.584 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014486.D

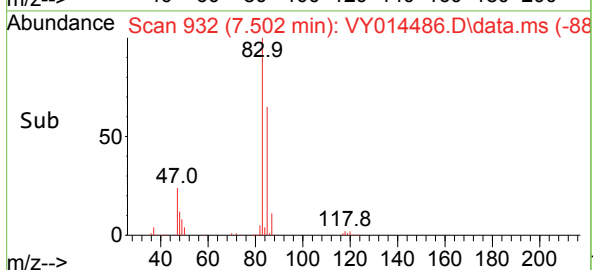
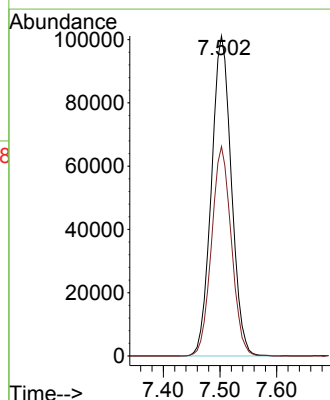
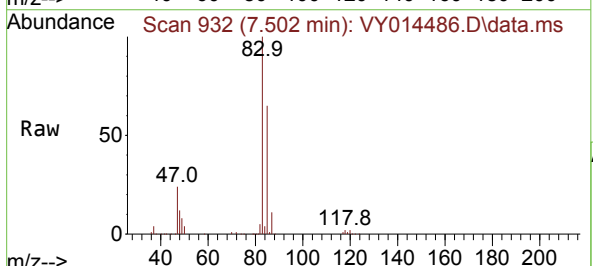
Acq: 28 Jun 2023 17:19

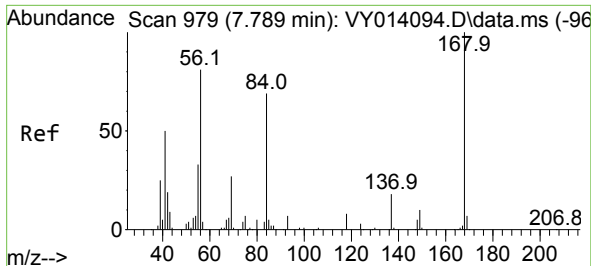
Tgt Ion: 83 Resp: 247121

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

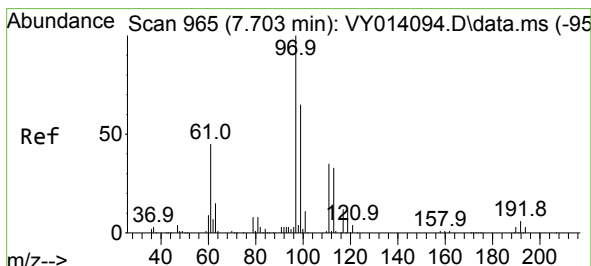
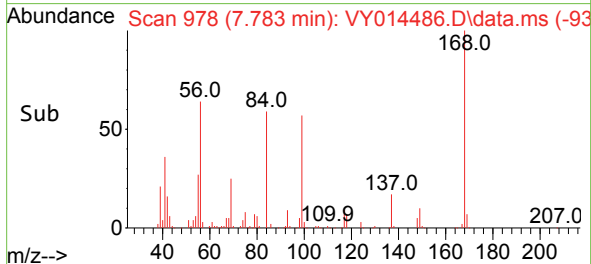
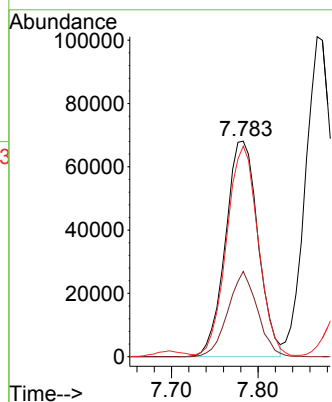
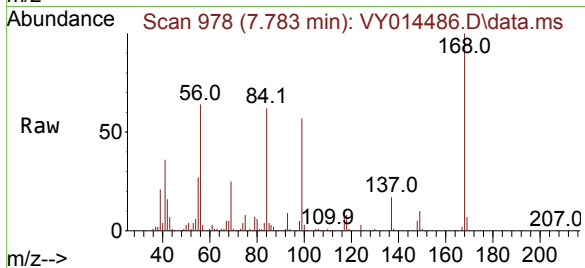




#31
Cyclohexane
Concen: 46.558 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

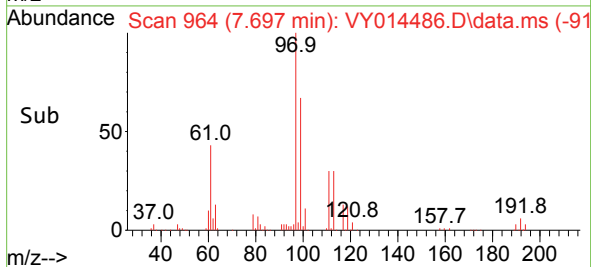
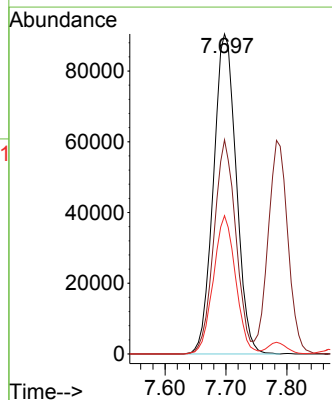
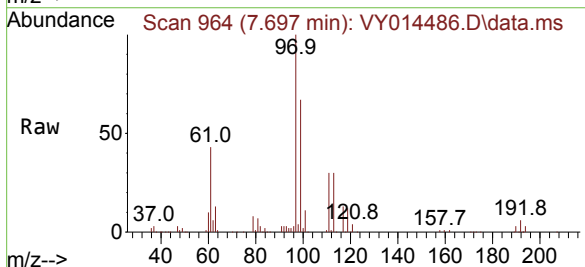
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

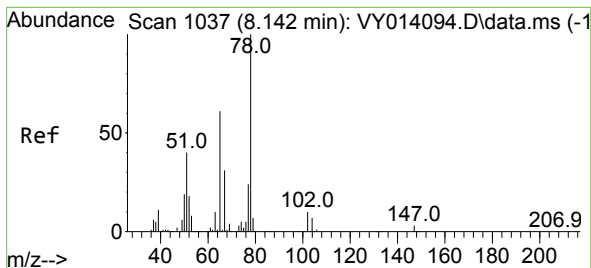
Tgt Ion: 56 Resp: 178094
Ion Ratio Lower Upper
56 100
69 39.6 27.8 41.6
84 95.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.544 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 97 Resp: 235040
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.805 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

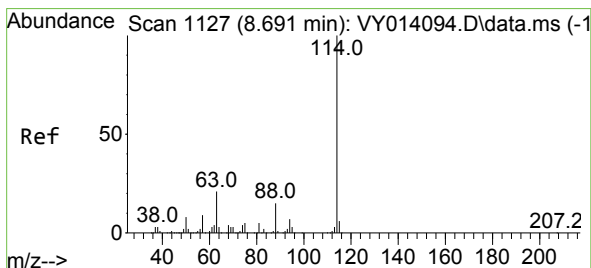
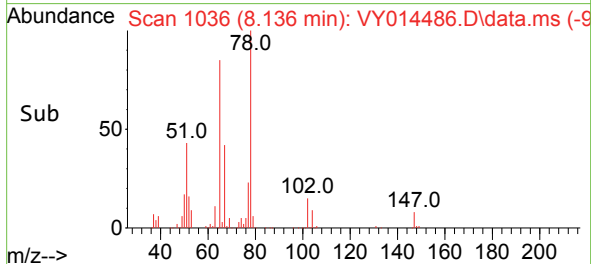
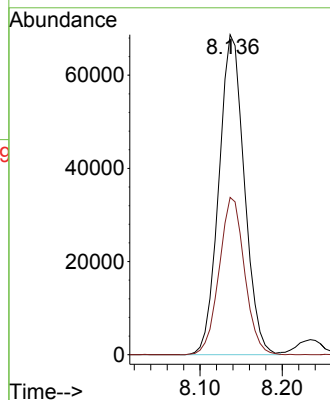
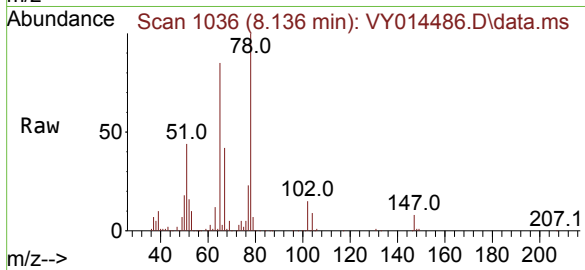
VSTDCCC050EC

Tgt Ion: 65 Resp: 148046

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

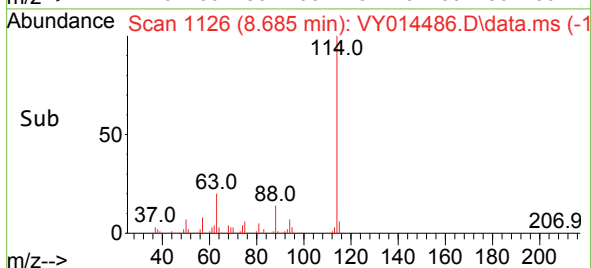
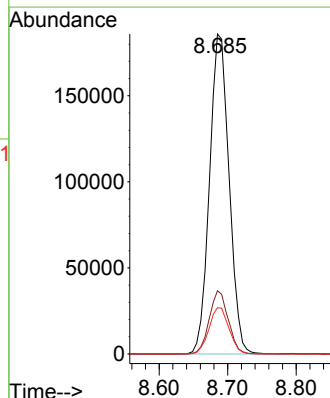
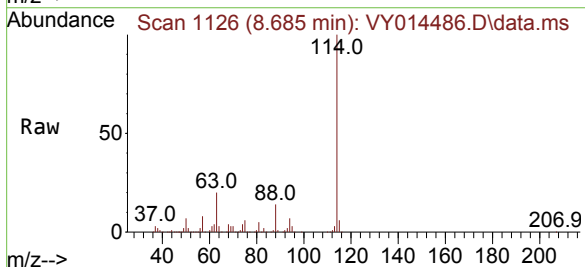
Tgt Ion: 114 Resp: 368107

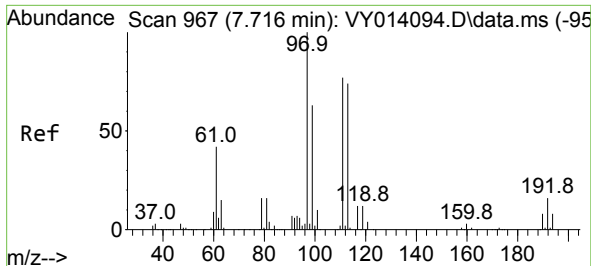
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.5 0.0 30.6

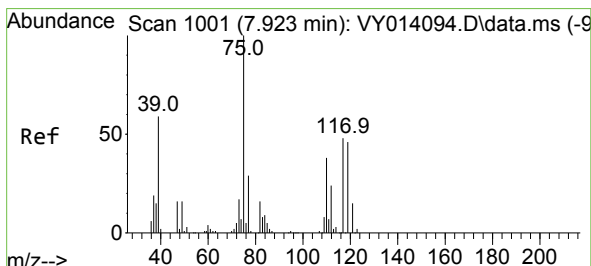
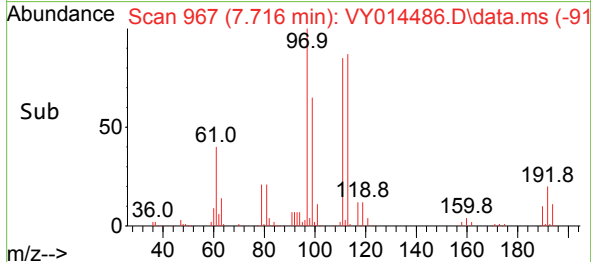
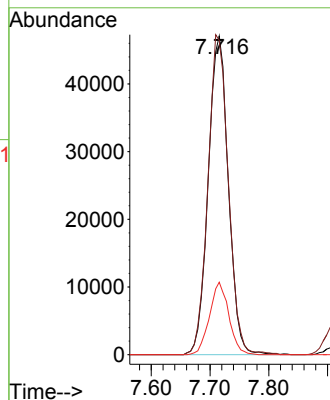
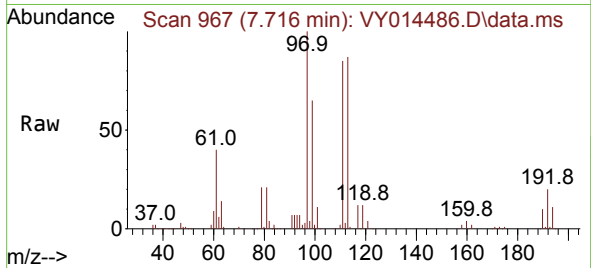




#35
Dibromofluoromethane
Concen: 49.332 ug/l
RT: 7.716 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

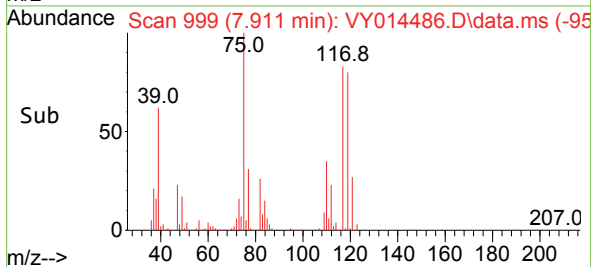
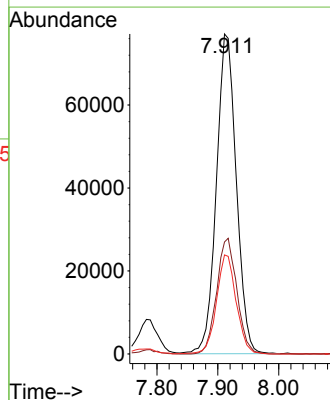
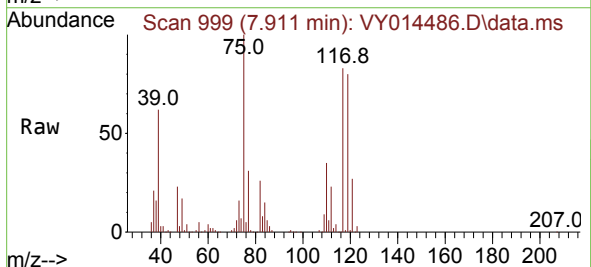
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

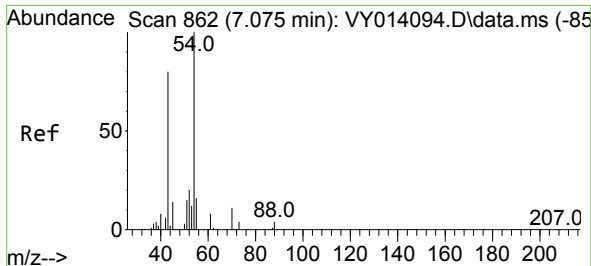
Tgt Ion:113 Resp: 112194
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.958 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 75 Resp: 175085
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.7 24.4 36.6

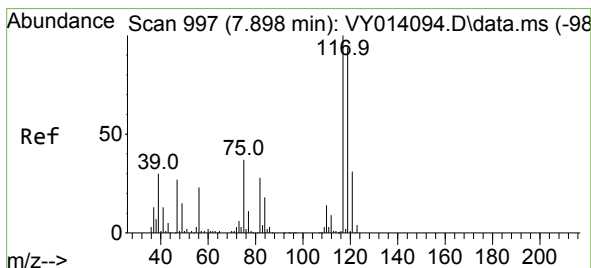
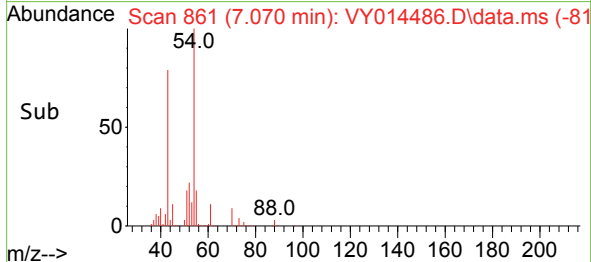
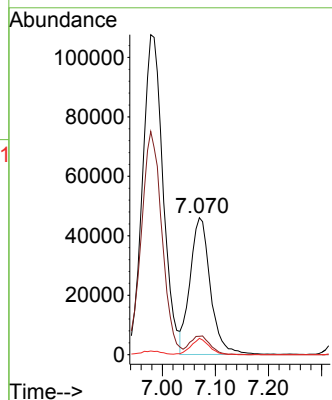
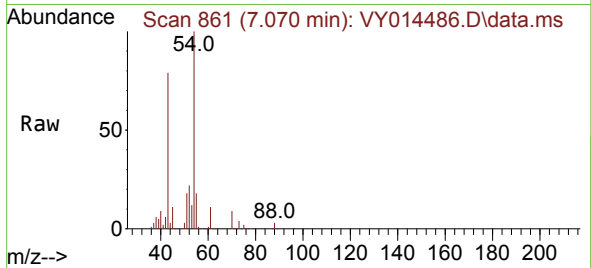




#37
Ethyl Acetate
Concen: 50.558 ug/l
RT: 7.070 min Scan# 862
Delta R.T. -0.005 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

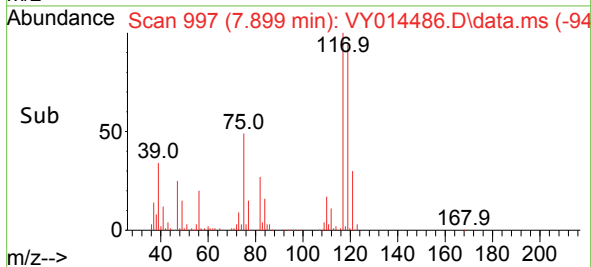
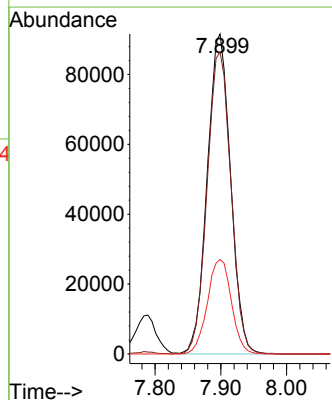
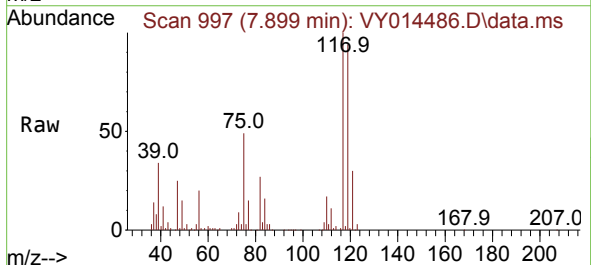
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

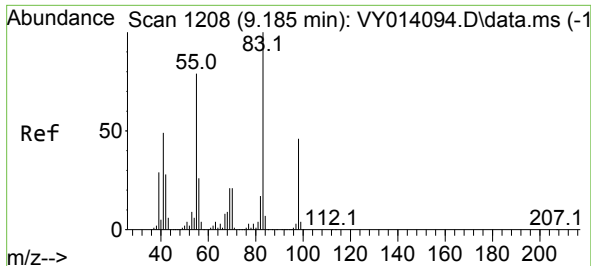
Tgt Ion: 43 Resp: 122111
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 51.309 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:117 Resp: 226285
Ion Ratio Lower Upper
117 100
119 94.3 76.4 114.6
121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.283 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014486.D

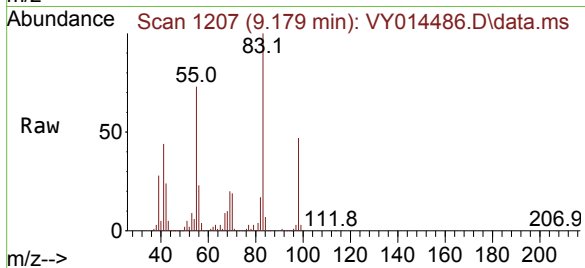
Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



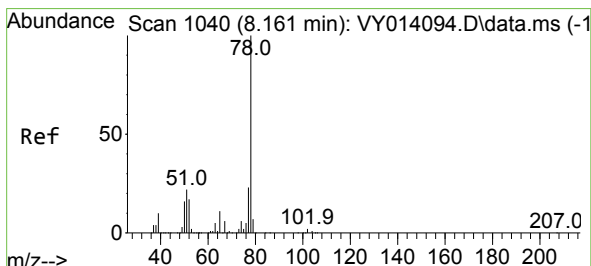
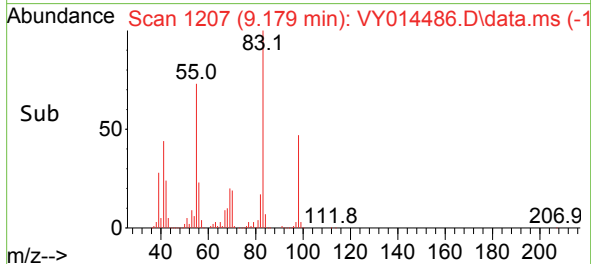
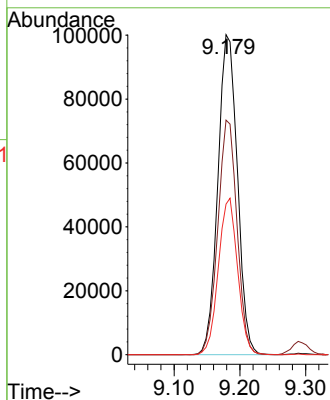
Tgt Ion: 83 Resp: 206776

Ion Ratio Lower Upper

83 100

55 73.3 63.0 94.4

98 47.1 37.4 56.2



#40

Benzene

Concen: 50.564 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014486.D

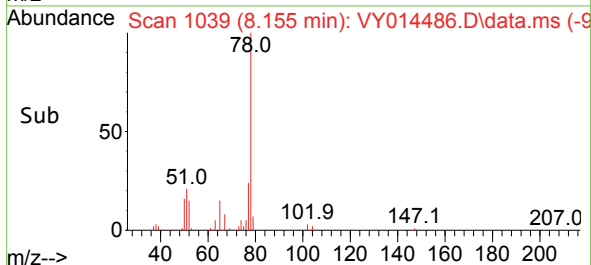
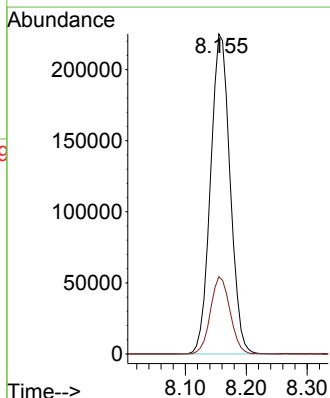
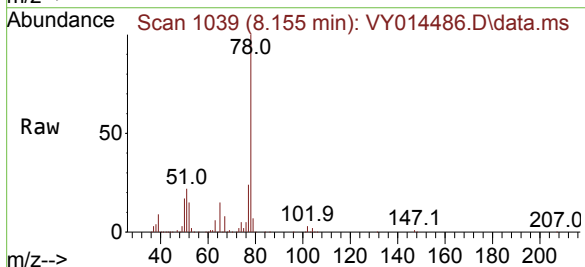
Acq: 28 Jun 2023 17:19

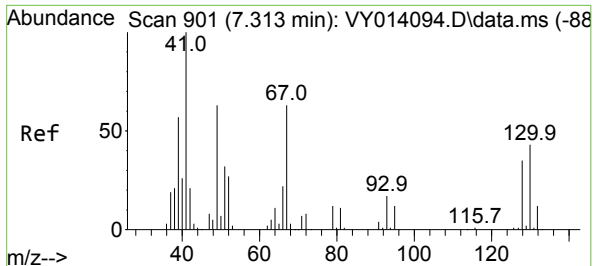
Tgt Ion: 78 Resp: 501907

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

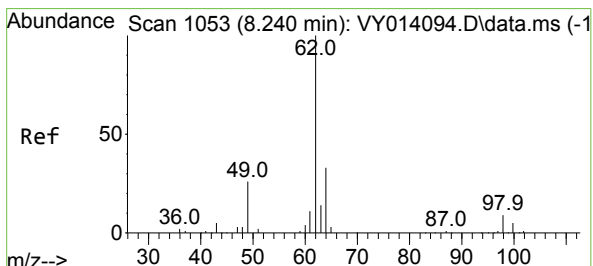
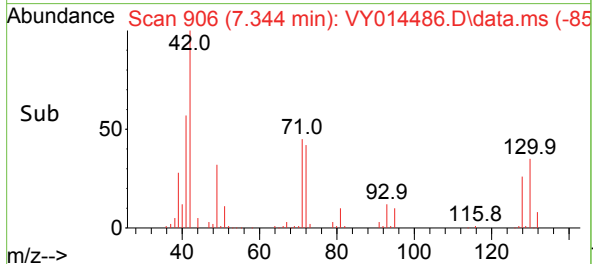
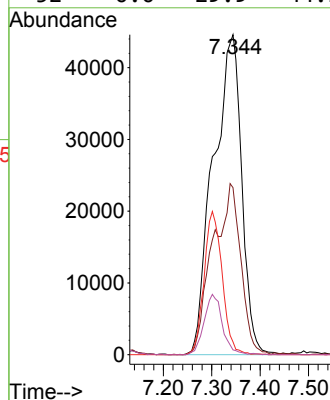
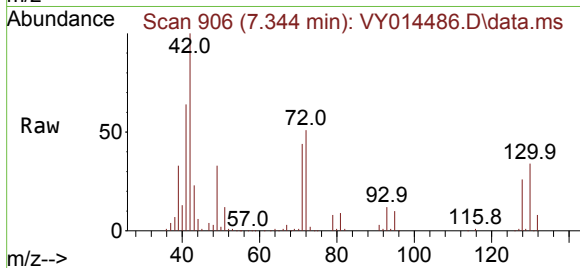




#41
Methacrylonitrile
Concen: 151.801 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

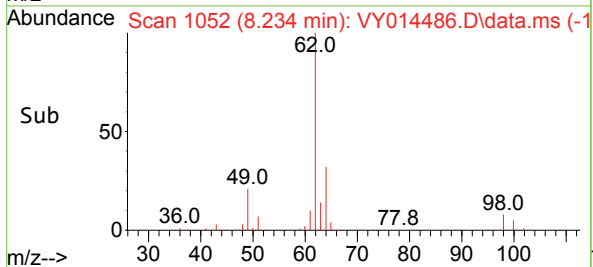
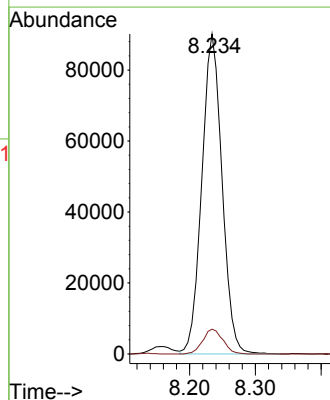
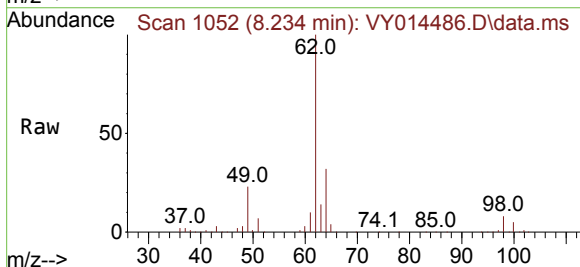
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

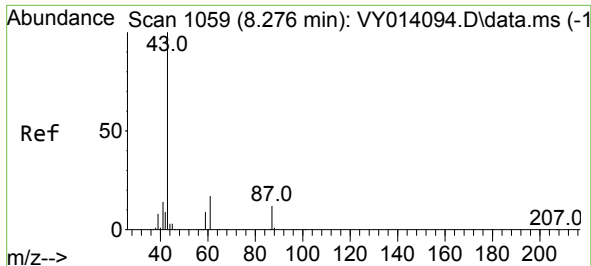
Tgt Ion: 41 Resp: 181700
Ion Ratio Lower Upper
41 100
39 52.8 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.251 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 62 Resp: 192875
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8

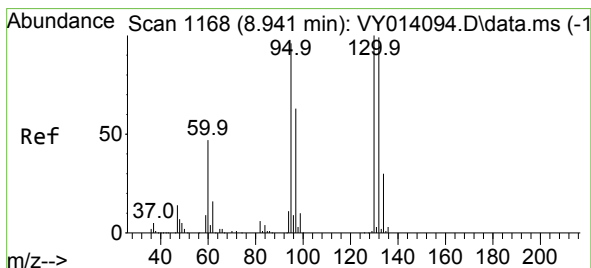
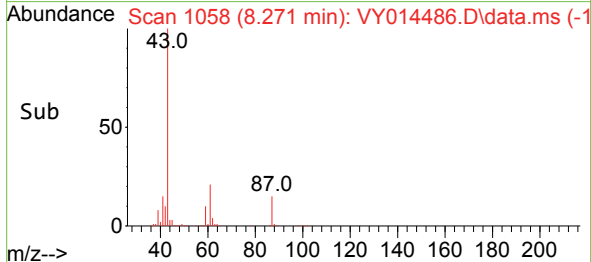
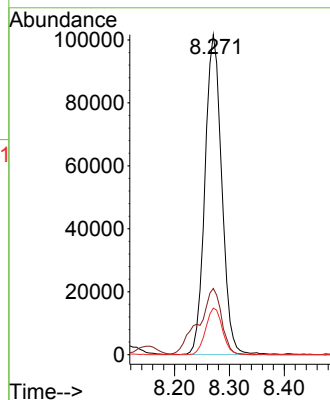
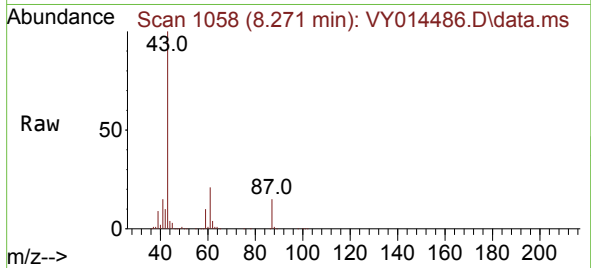




#43
Isopropyl Acetate
Concen: 50.484 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

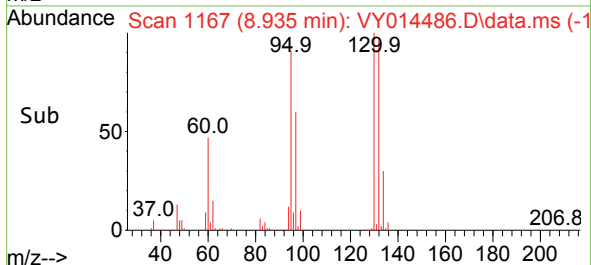
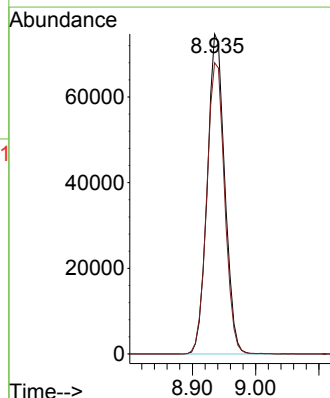
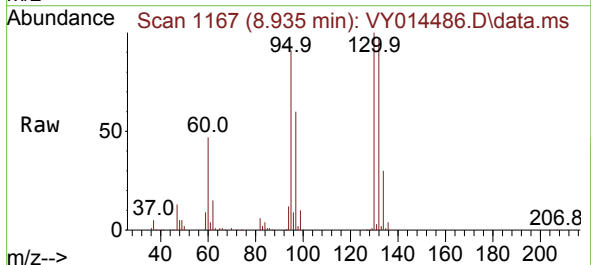
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

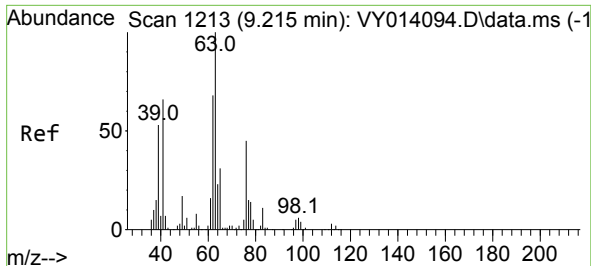
Tgt Ion: 43 Resp: 215303
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 50.242 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:130 Resp: 143182
Ion Ratio Lower Upper
130 100
95 91.0 0.0 196.0

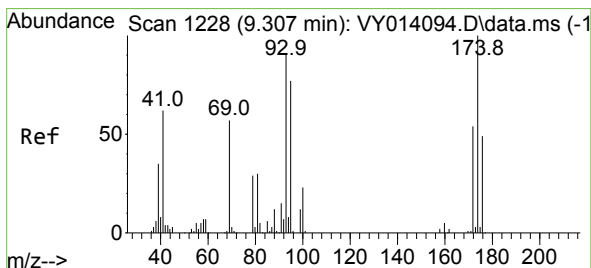
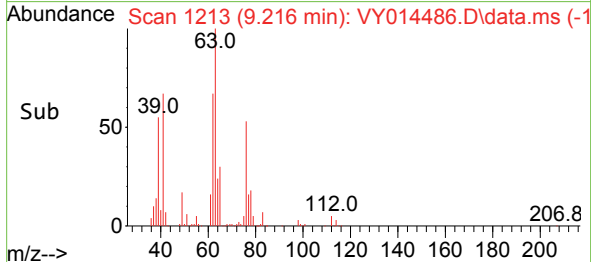
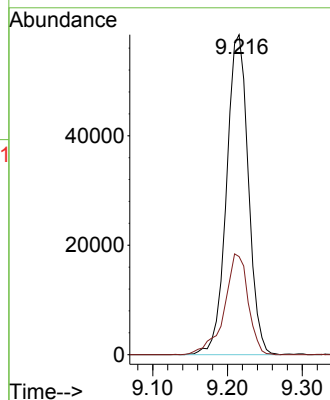
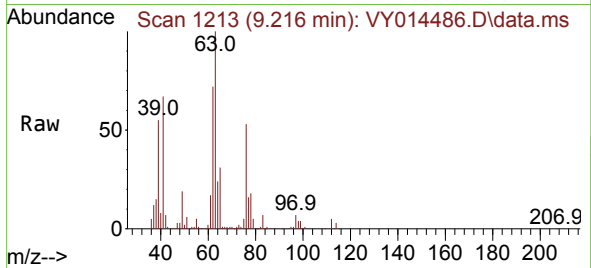




#45
1,2-Dichloropropane
Concen: 50.553 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

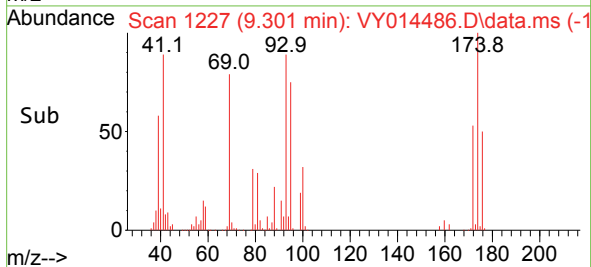
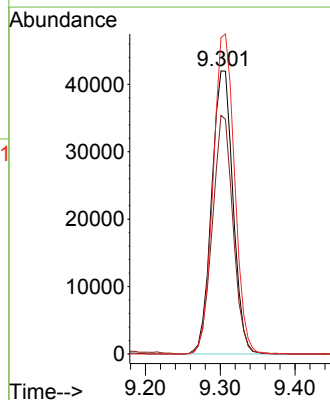
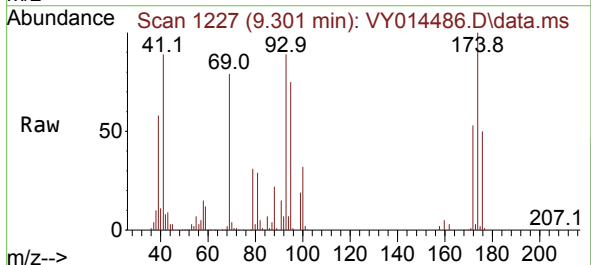
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

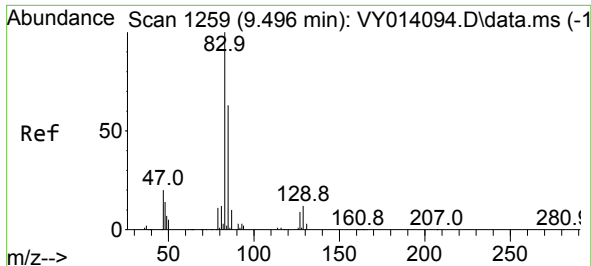
Tgt Ion: 63 Resp: 118315
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 52.022 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 93 Resp: 83203
Ion Ratio Lower Upper
93 100
95 81.6 66.6 100.0
174 113.7 84.8 127.2

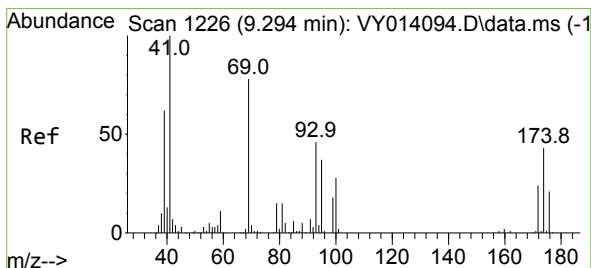
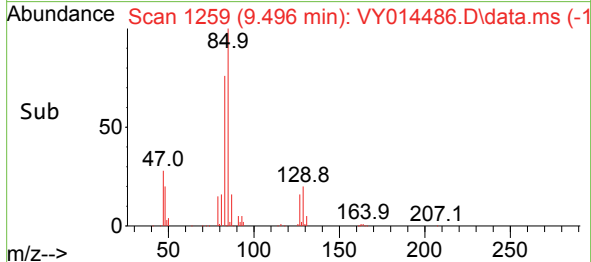
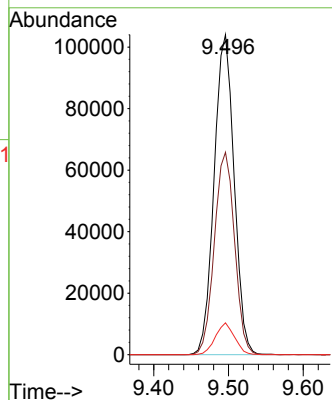
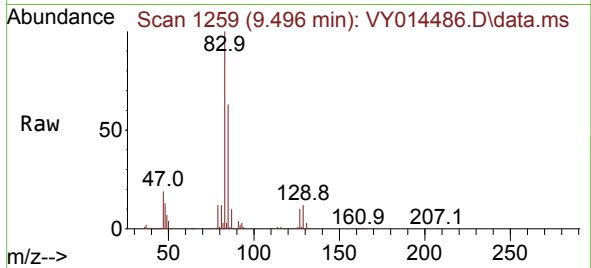




#47
Bromodichloromethane
Concen: 51.766 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

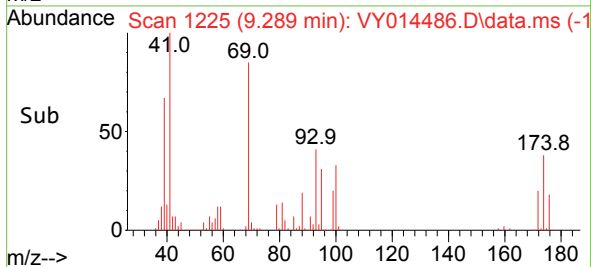
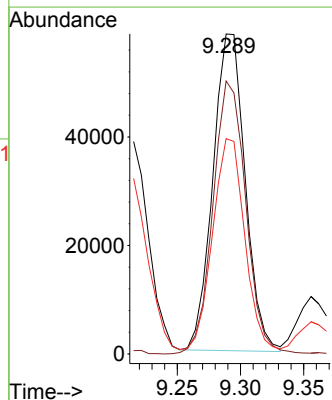
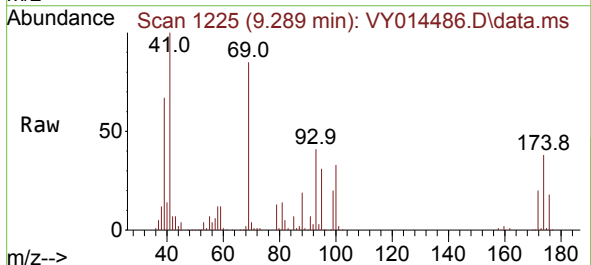
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

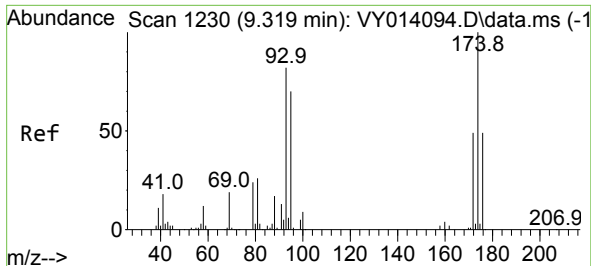
Tgt Ion: 83 Resp: 192971
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 10.0 7.1 10.7



#48
Methyl methacrylate
Concen: 52.360 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 41 Resp: 103713
Ion Ratio Lower Upper
41 100
69 87.7 64.5 96.7
39 65.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1177.549 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

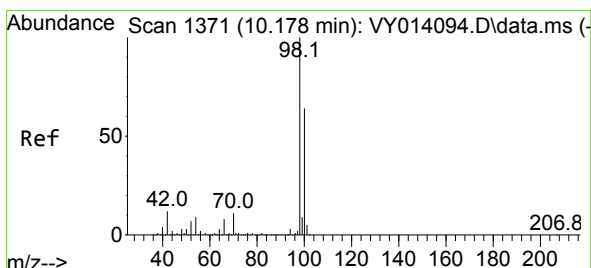
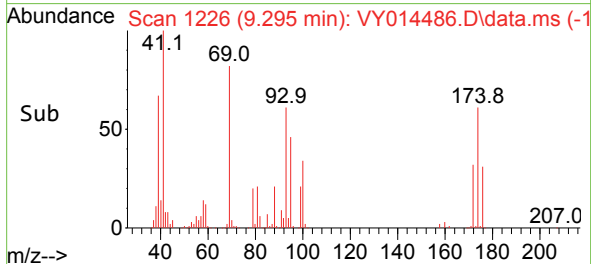
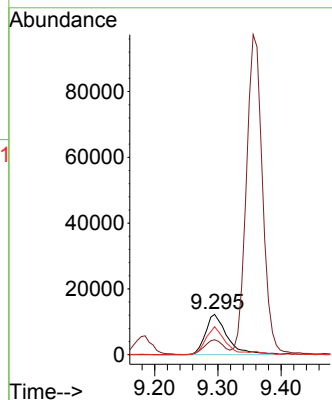
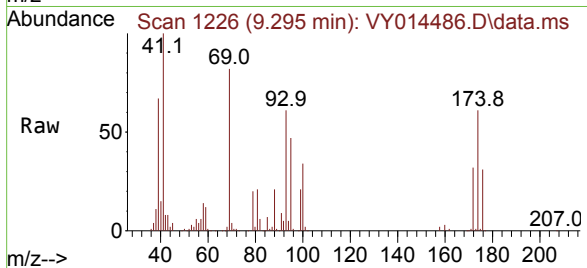
Tgt Ion: 88 Resp: 29448

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 59.7 30.9 46.3#



#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014486.D

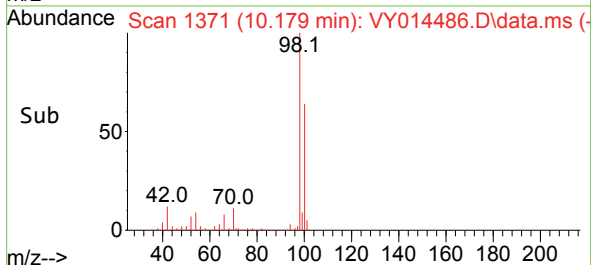
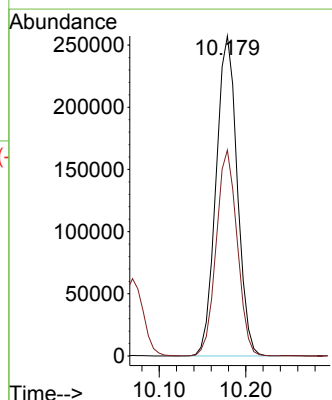
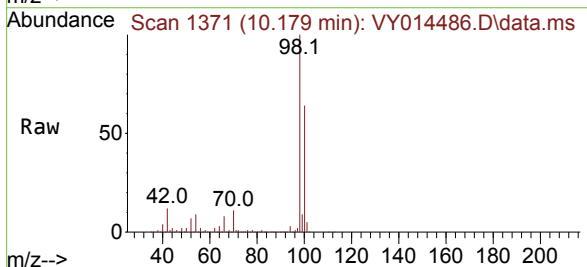
Acq: 28 Jun 2023 17:19

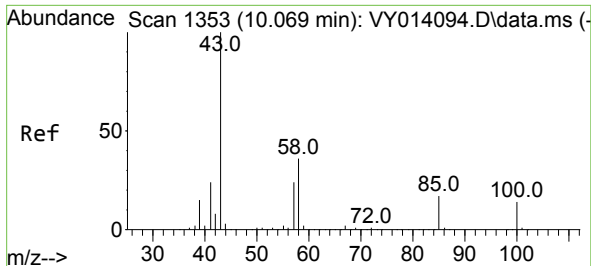
Tgt Ion: 98 Resp: 436699

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1

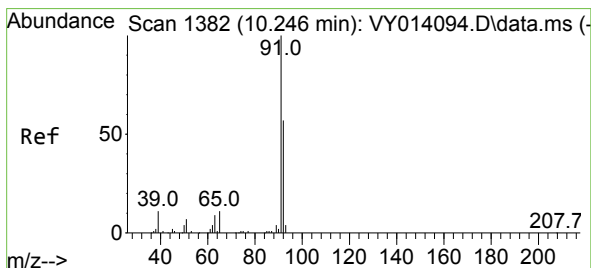
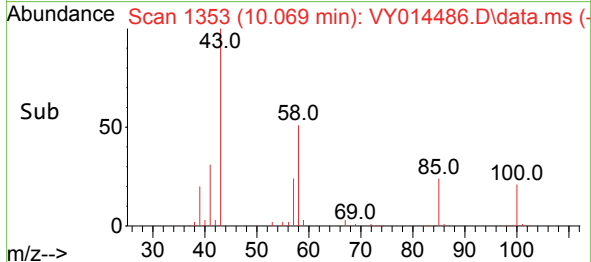
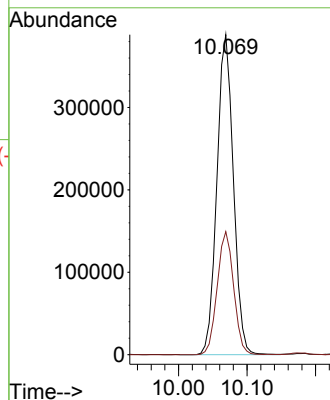
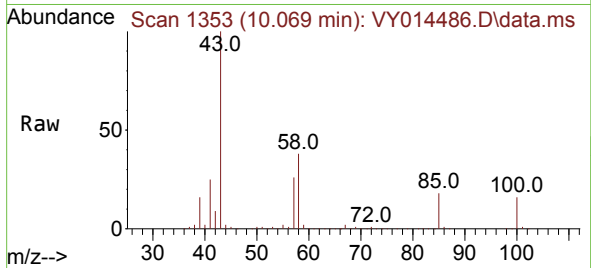




#51
4-Methyl-2-Pentanone
Concen: 269.005 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

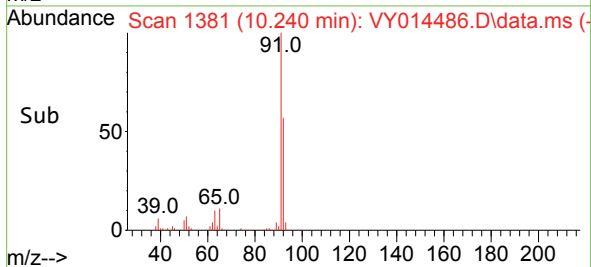
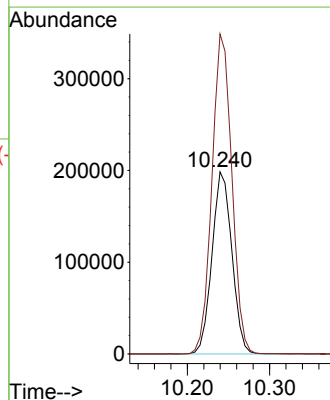
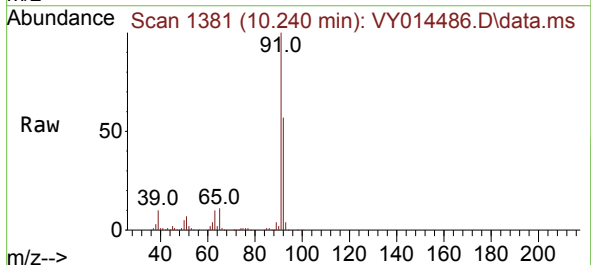
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

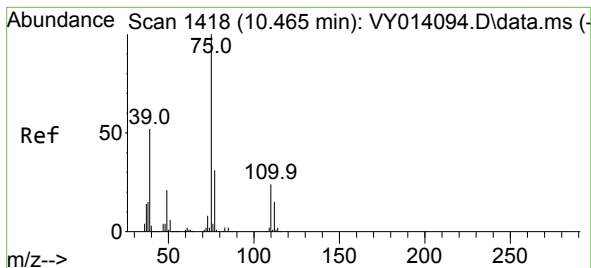
Tgt Ion: 43 Resp: 647496
Ion Ratio Lower Upper
43 100
58 38.4 29.0 43.6



#52
Toluene
Concen: 52.248 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 92 Resp: 333689
Ion Ratio Lower Upper
92 100
91 175.8 143.8 215.6

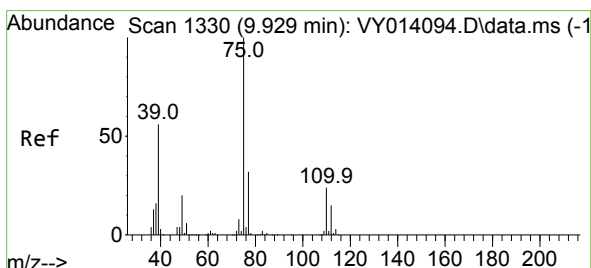
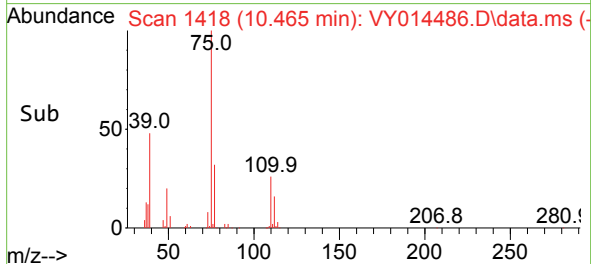
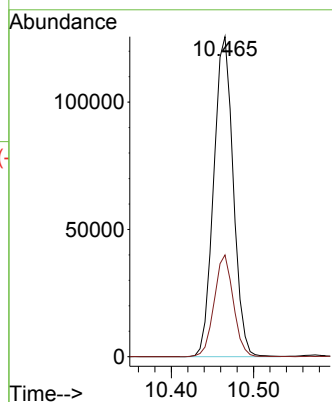
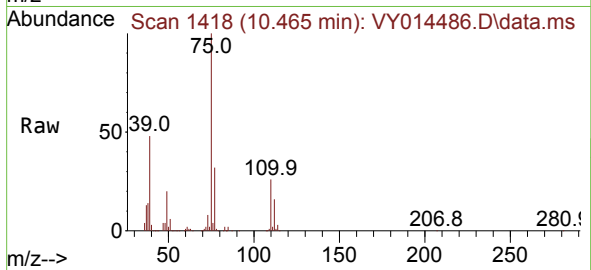




#53
t-1,3-Dichloropropene
Concen: 51.314 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

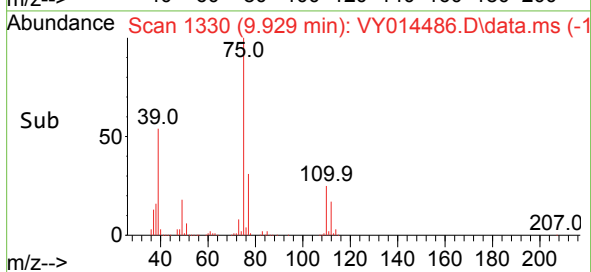
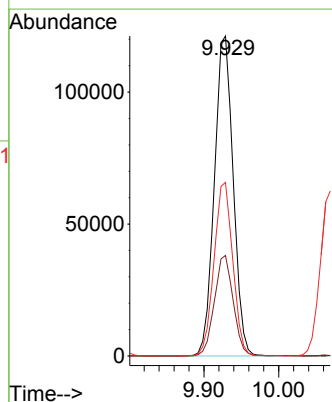
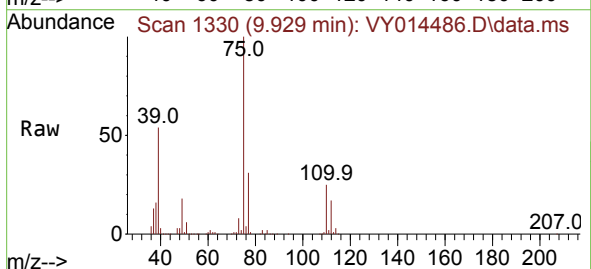
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

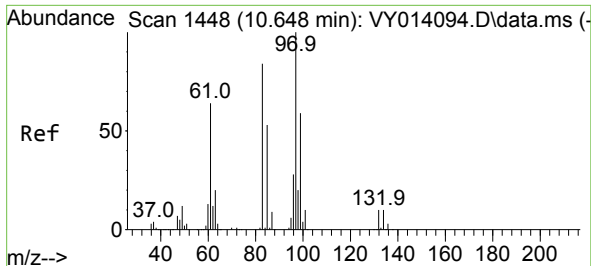
Tgt Ion: 75 Resp: 207390
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.955 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 75 Resp: 212418
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 54.2 42.2 63.4



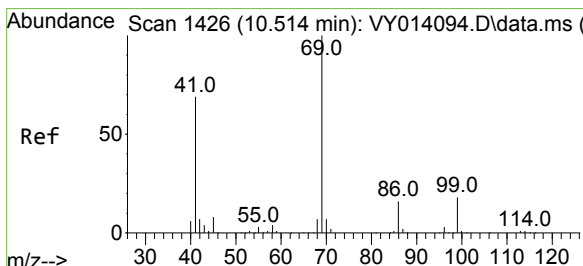
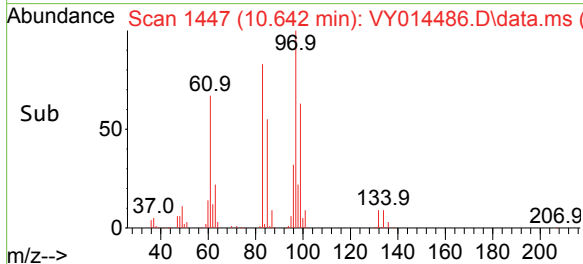
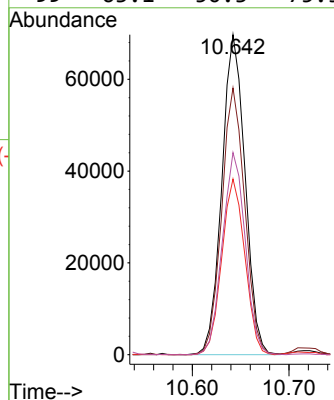
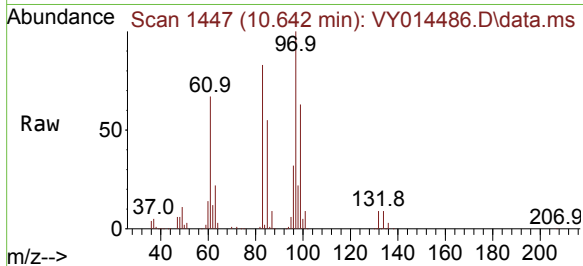


#55
1,1,2-Trichloroethane
Concen: 54.119 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 115904

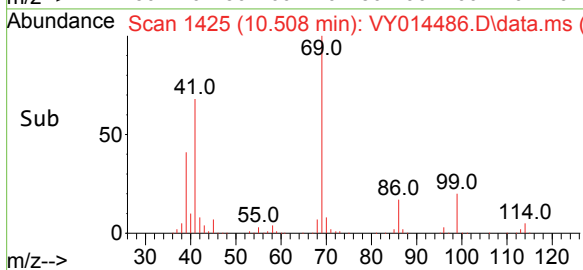
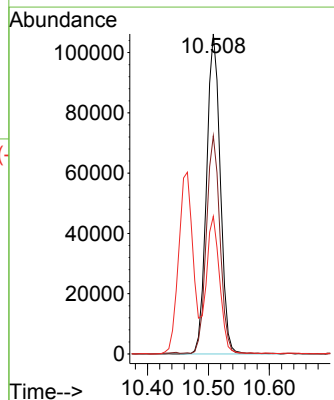
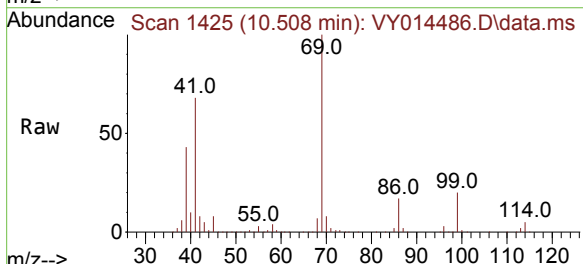
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	54.9	45.4	68.0
99	63.1	50.3	75.5

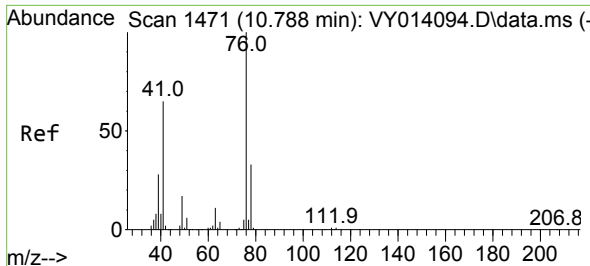


#56
Ethyl methacrylate
Concen: 54.353 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 69 Resp: 166245

Ion	Ratio	Lower	Upper
69	100		
41	67.1	57.6	86.4
39	41.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.748 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

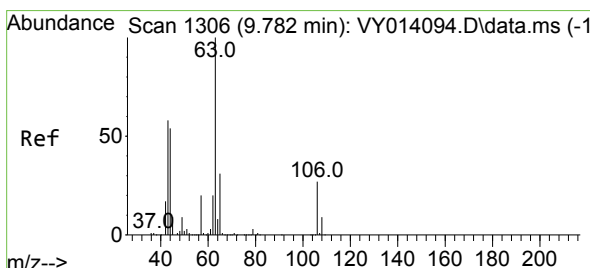
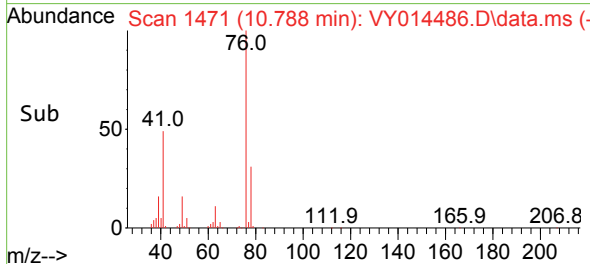
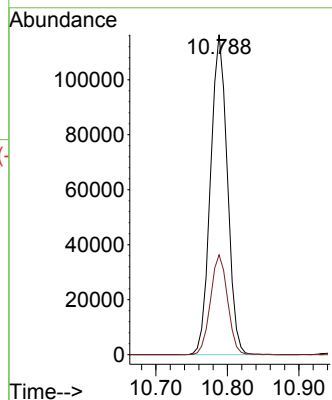
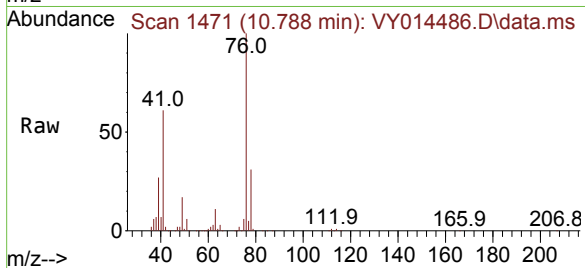
VSTDCCC050EC

Tgt Ion: 76 Resp: 190013

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 257.676 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014486.D

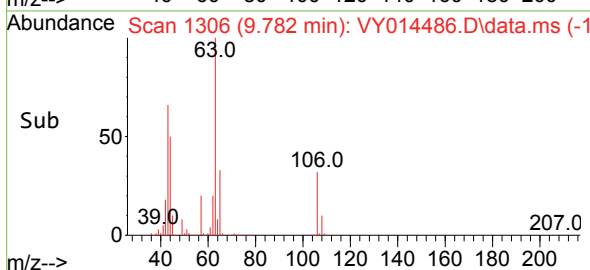
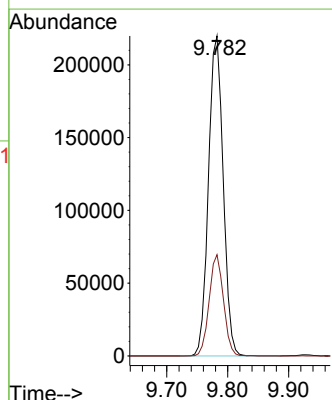
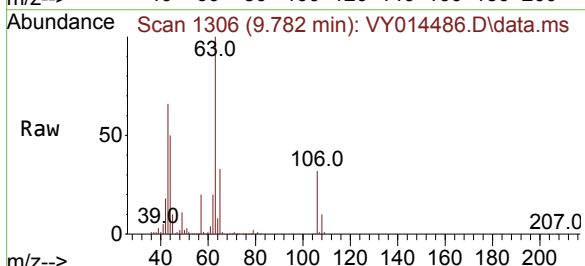
Acq: 28 Jun 2023 17:19

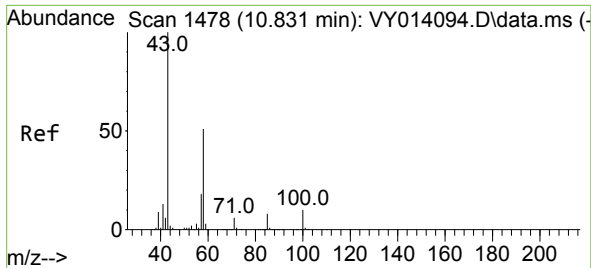
Tgt Ion: 63 Resp: 369176

Ion Ratio Lower Upper

63 100

106 30.8 21.2 31.8

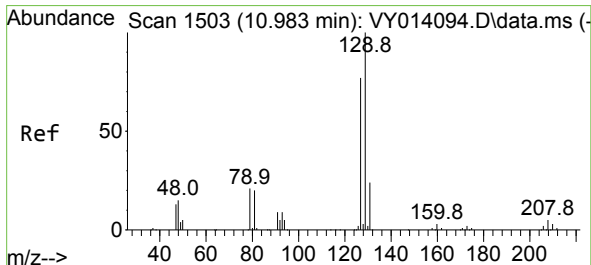
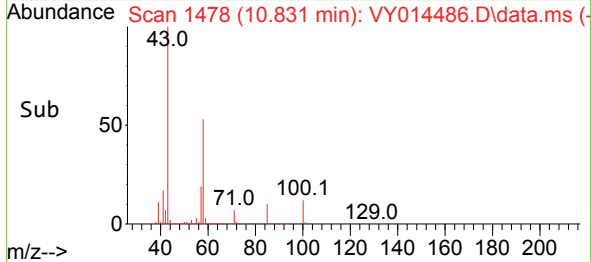
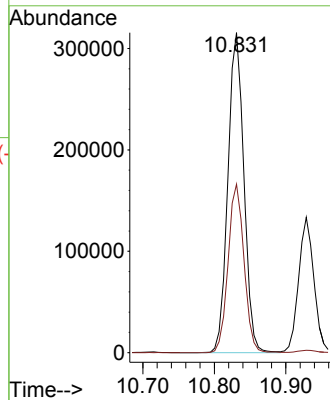
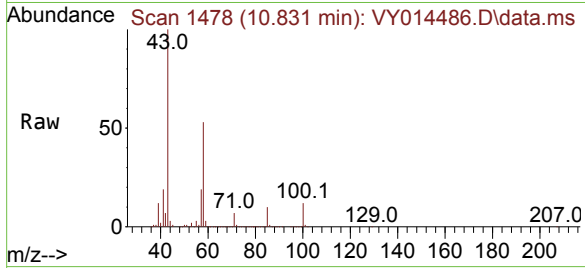




#59
2-Hexanone
Concen: 270.175 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

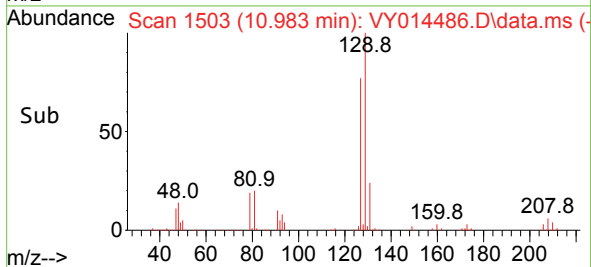
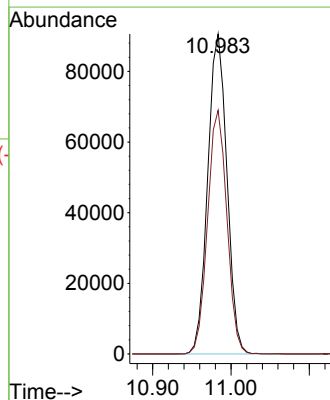
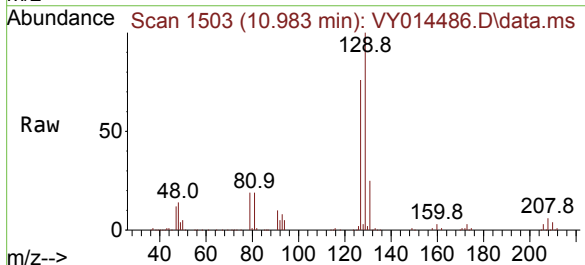
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

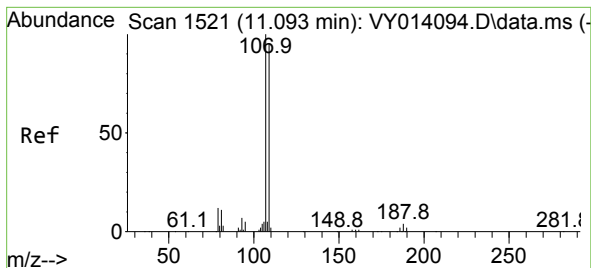
Tgt Ion: 43 Resp: 490030
Ion Ratio Lower Upper
43 100
58 52.4 25.1 75.3



#60
Dibromochloromethane
Concen: 54.161 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 129 Resp: 153872
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

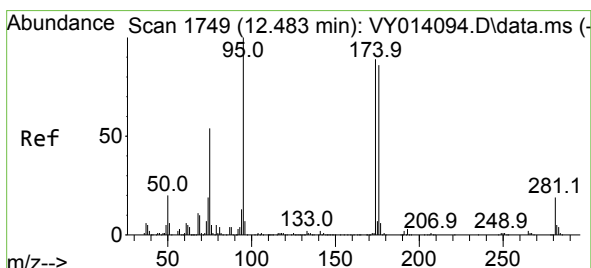
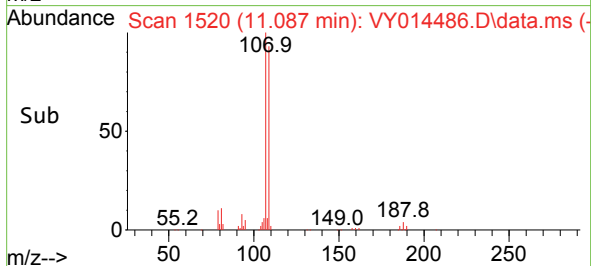
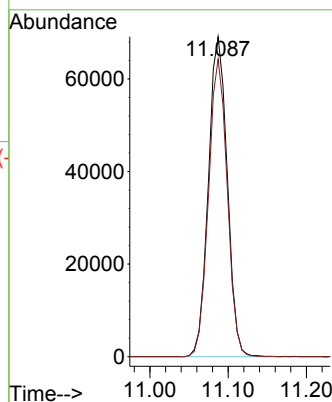
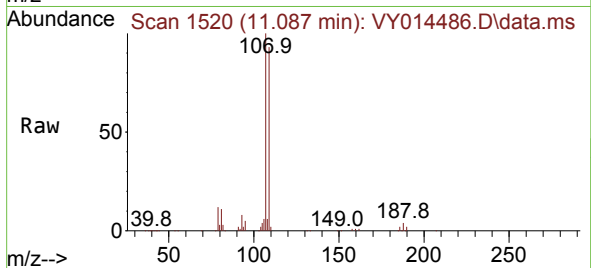




#61
1,2-Dibromoethane
Concen: 54.078 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

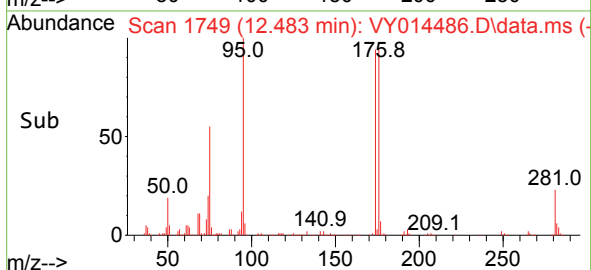
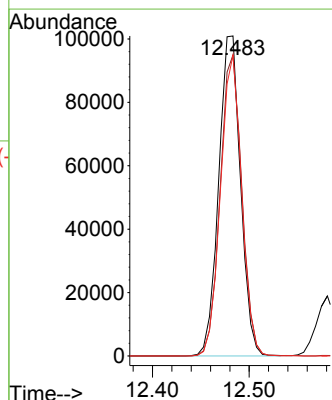
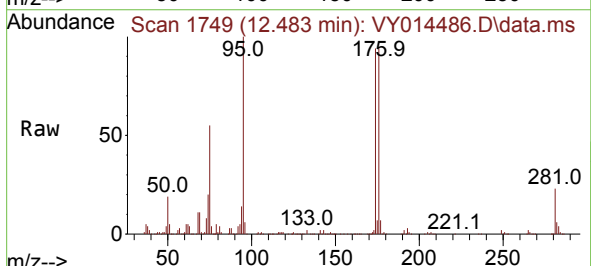
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

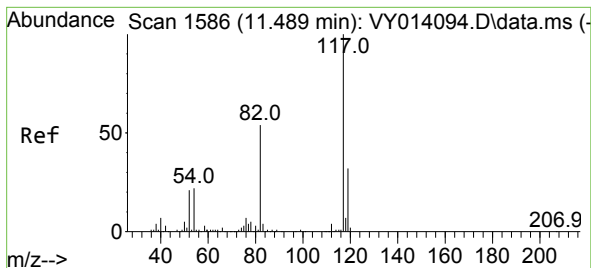
Tgt Ion:107 Resp: 115313
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 95 Resp: 157851
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 91.0 0.0 173.8

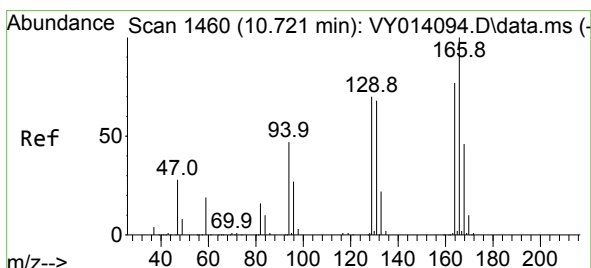
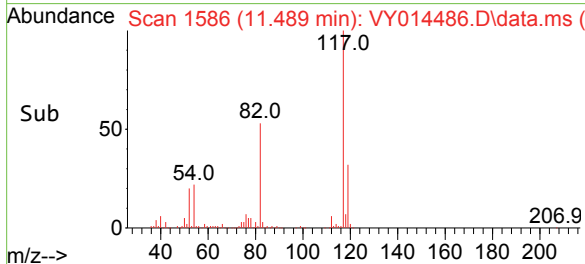
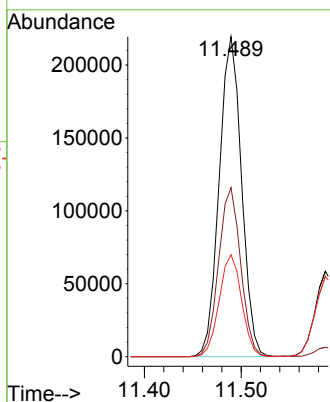
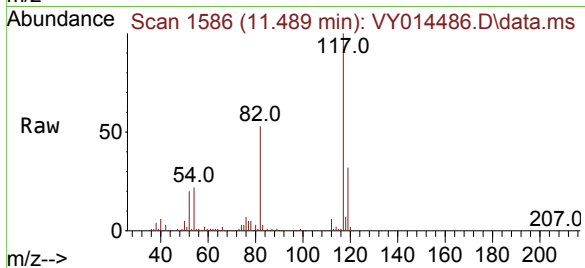




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

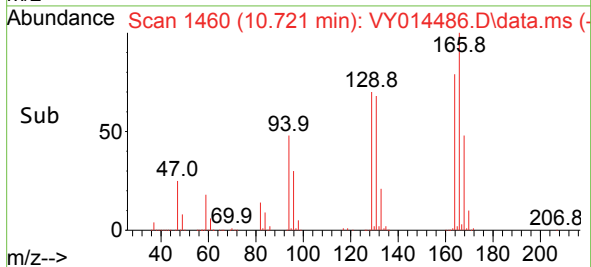
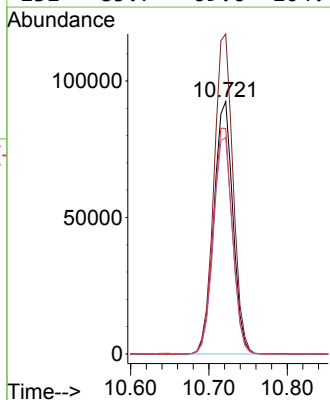
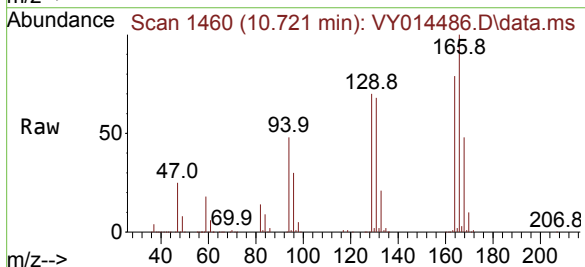
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

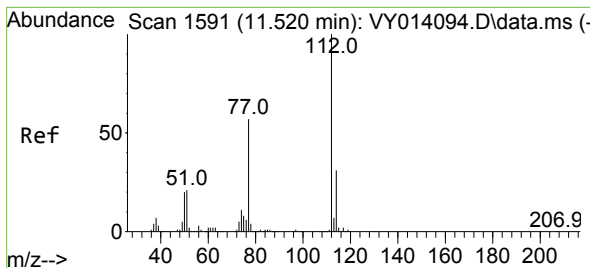
Tgt Ion:117 Resp: 351489
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 52.089 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:164 Resp: 155801
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 89.3 77.2 115.8
131 85.7 69.6 104.4

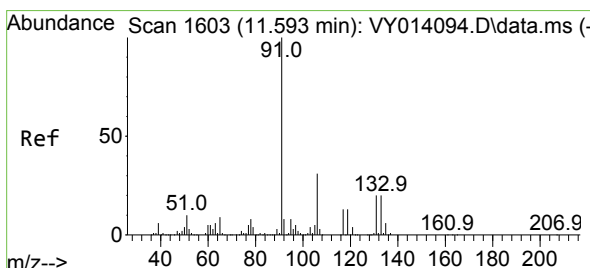
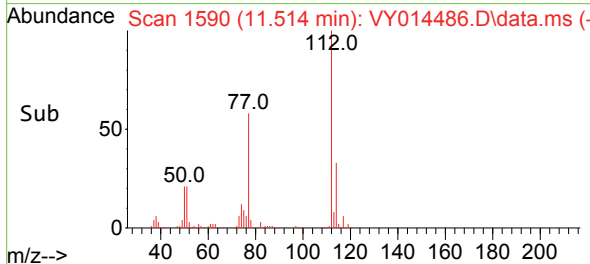
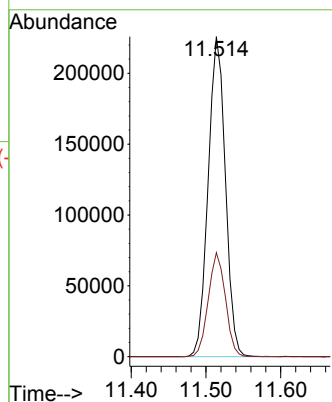
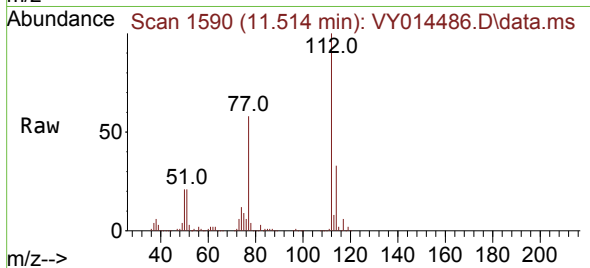




#65
Chlorobenzene
Concen: 50.160 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

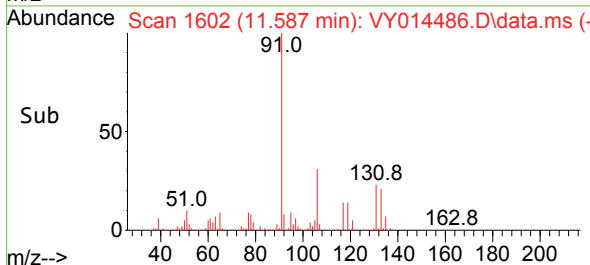
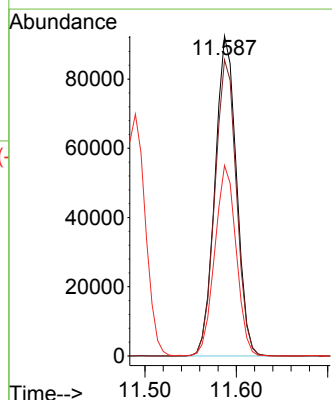
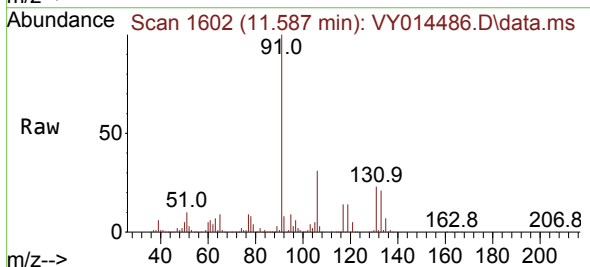
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

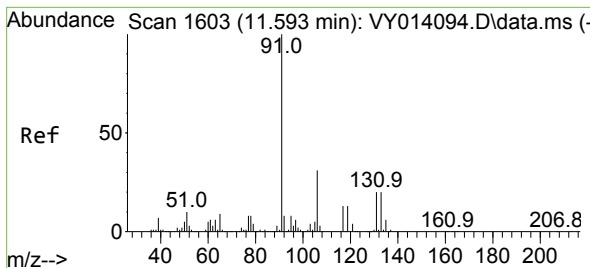
Tgt Ion:112 Resp: 362208
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.758 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:131 Resp: 150551
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 59.5 31.6 94.7





#67

Ethyl Benzene

Concen: 51.294 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

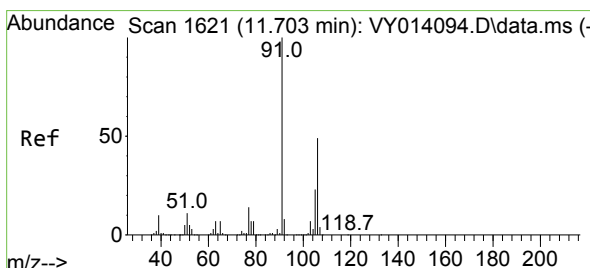
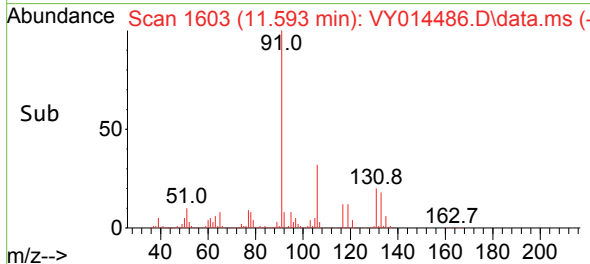
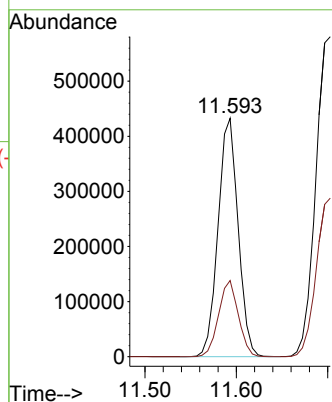
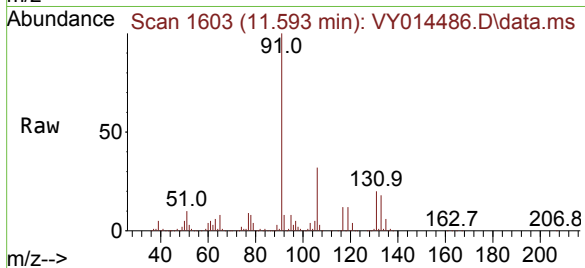
VSTDCCC050EC

Tgt Ion: 91 Resp: 659564

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 103.483 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014486.D

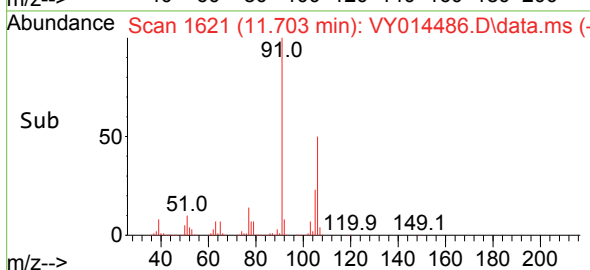
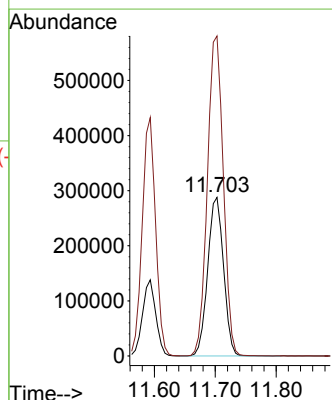
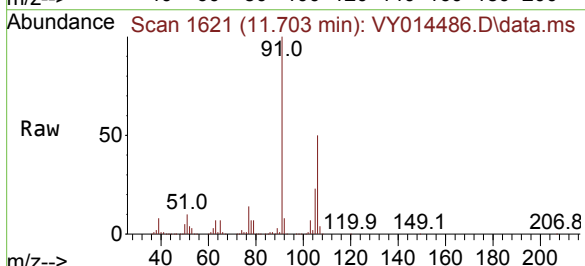
Acq: 28 Jun 2023 17:19

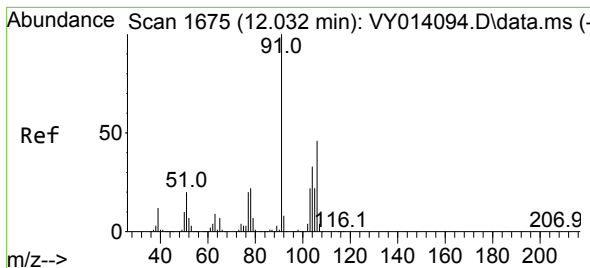
Tgt Ion:106 Resp: 519722

Ion Ratio Lower Upper

106 100

91 203.3 166.1 249.1





#69

o-Xylene

Concen: 51.636 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

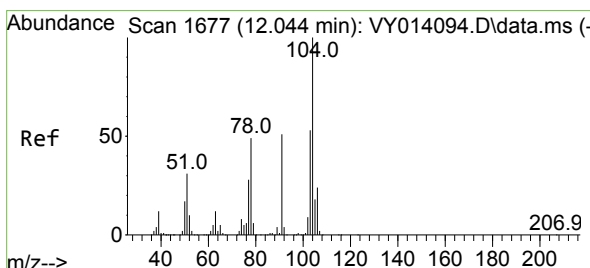
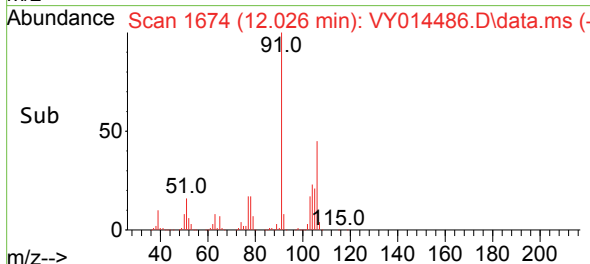
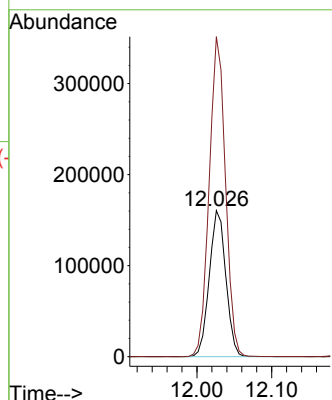
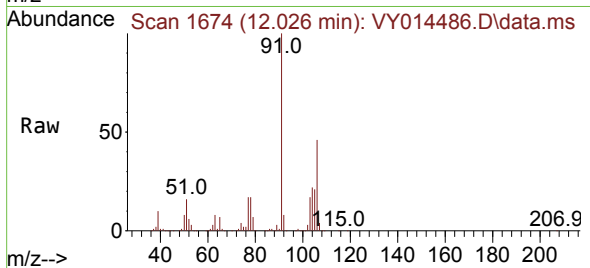
VSTDCCC050EC

Tgt Ion:106 Resp: 246761

Ion Ratio Lower Upper

106 100

91 215.2 108.1 324.3



#70

Styrene

Concen: 51.865 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

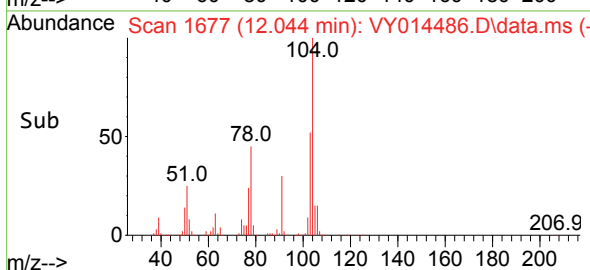
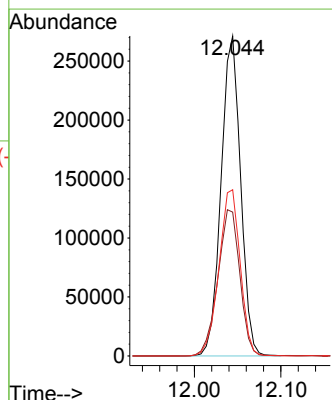
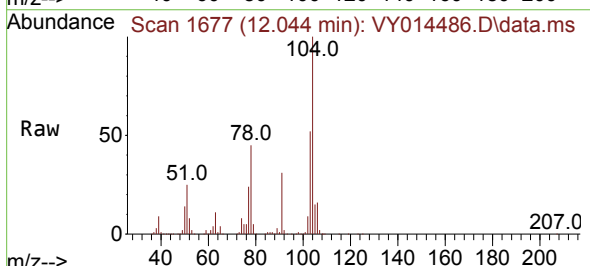
Tgt Ion:104 Resp: 424813

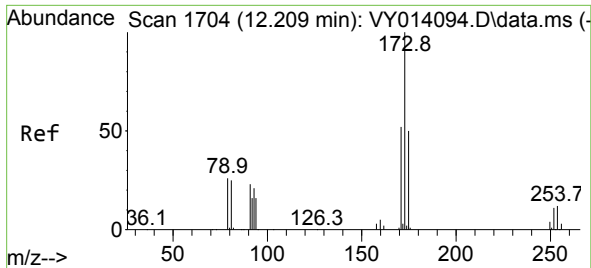
Ion Ratio Lower Upper

104 100

78 51.6 41.5 62.3

103 56.7 44.6 67.0

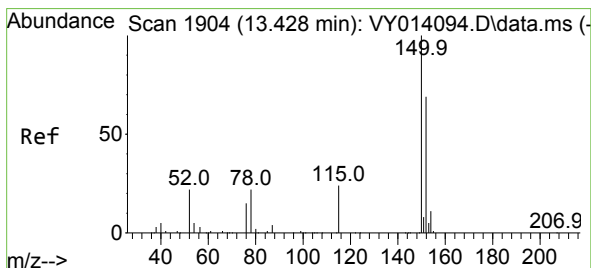
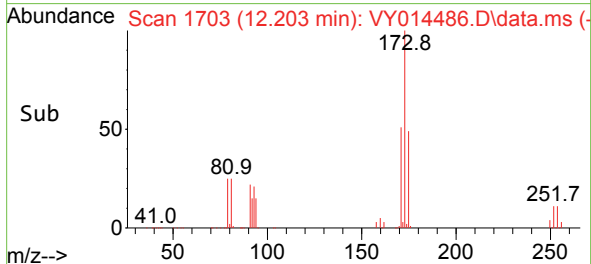
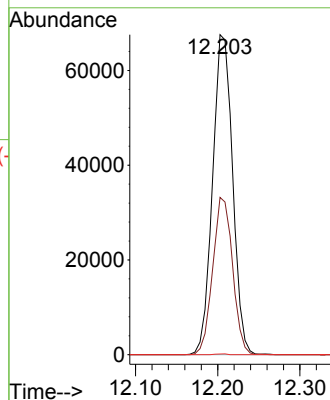
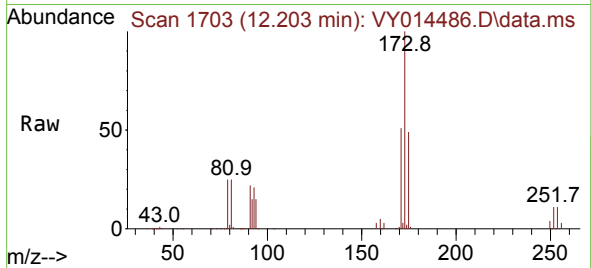




#71
Bromoform
Concen: 53.192 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

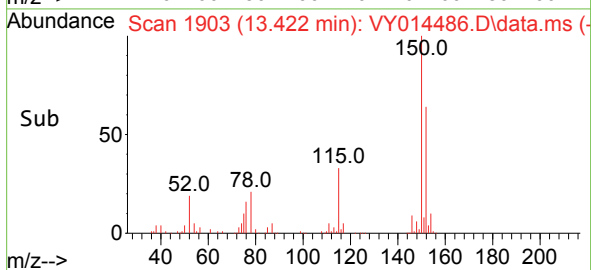
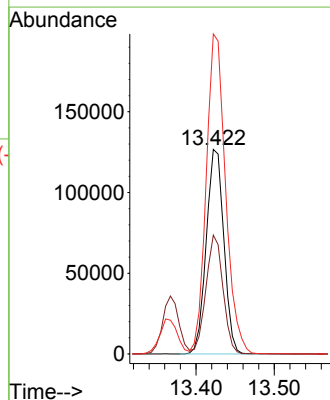
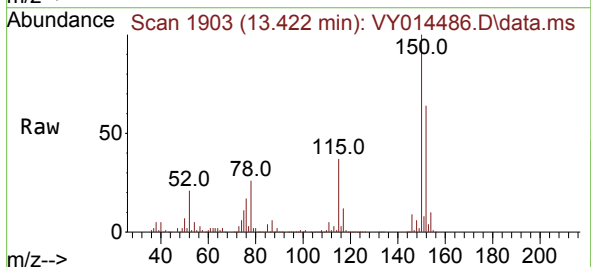
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

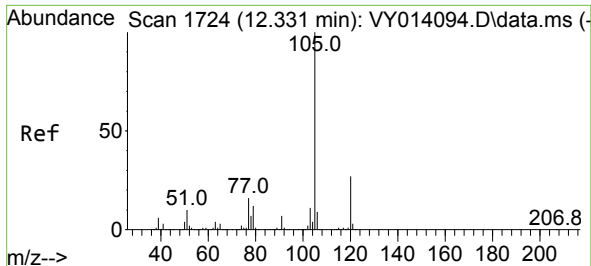
Tgt Ion:173 Resp: 114351
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:152 Resp: 197375
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 171.9 0.0 348.8

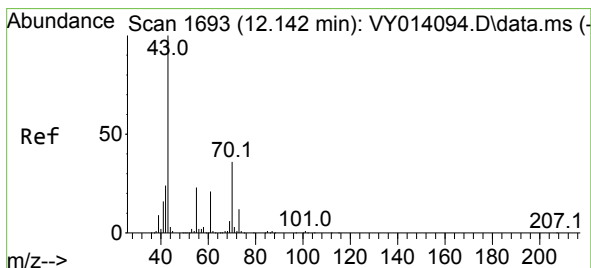
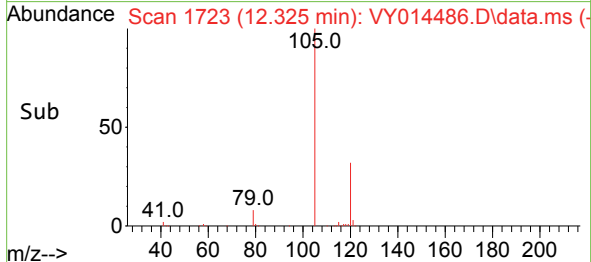
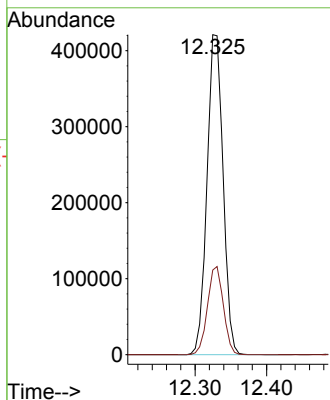
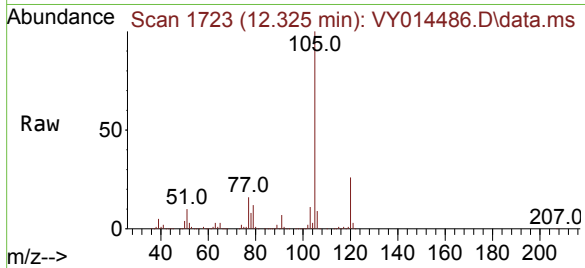




#73
Isopropylbenzene
Concen: 49.367 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

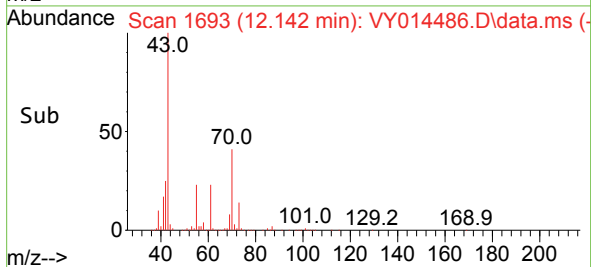
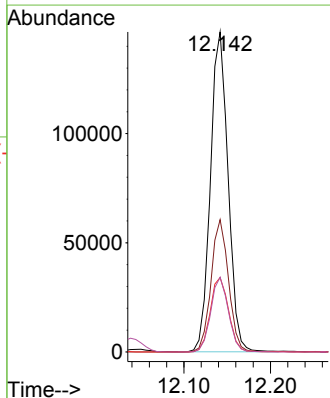
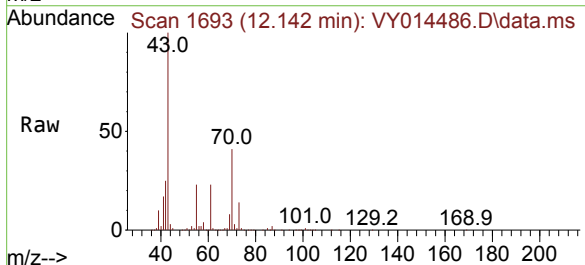
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

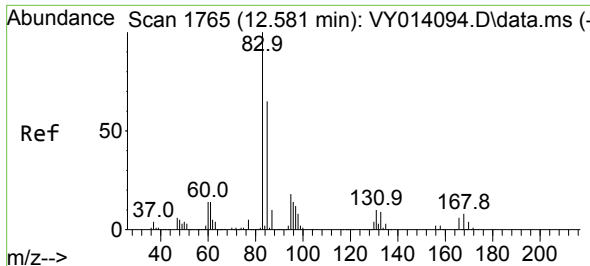
Tgt Ion:105 Resp: 656104
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 49.333 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 43 Resp: 207643
Ion Ratio Lower Upper
43 100
70 41.1 29.7 44.5
55 24.3 18.3 27.5
61 23.2 17.5 26.3

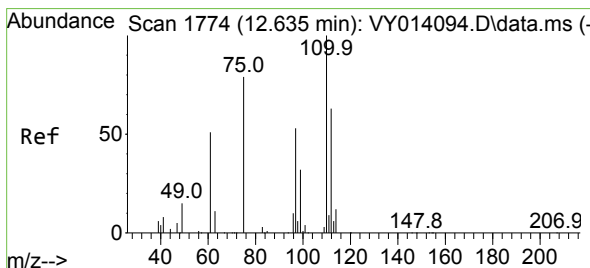
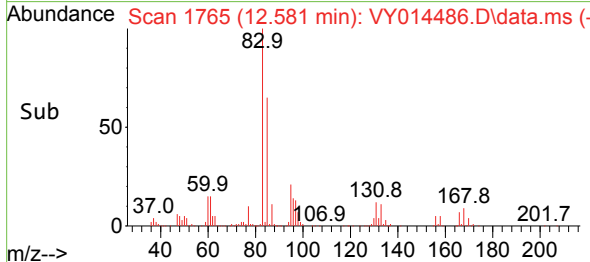
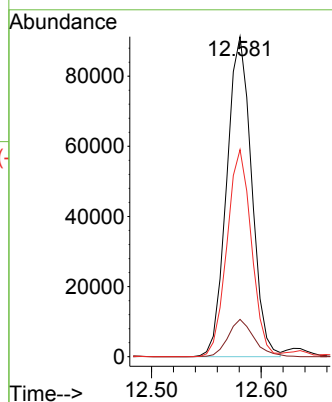
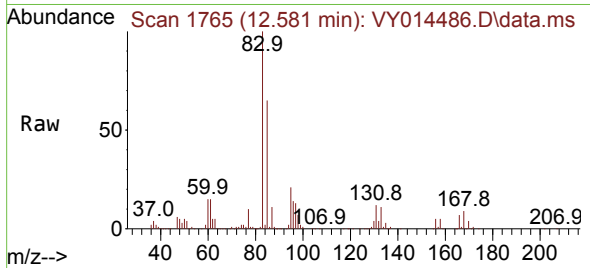




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.718 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

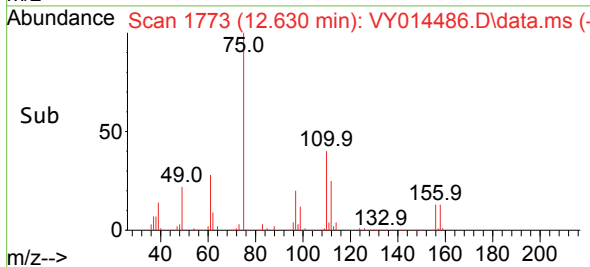
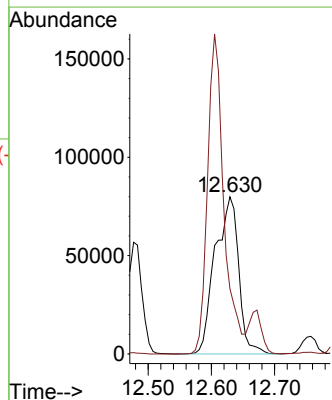
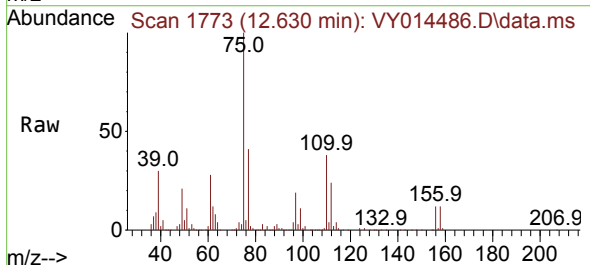
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

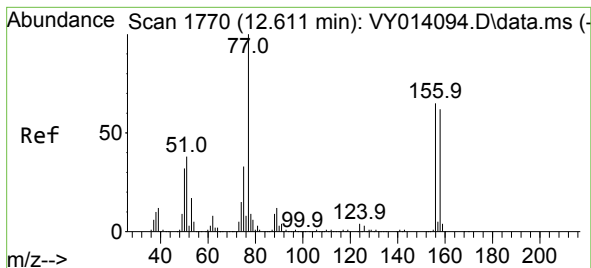
Tgt Ion: 83 Resp: 144054
 Ion Ratio Lower Upper
 83 100
 131 12.1 5.4 16.2
 85 63.8 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 83.431 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.005 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion: 75 Resp: 206568
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.417 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

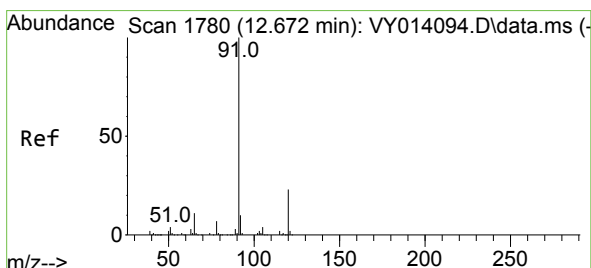
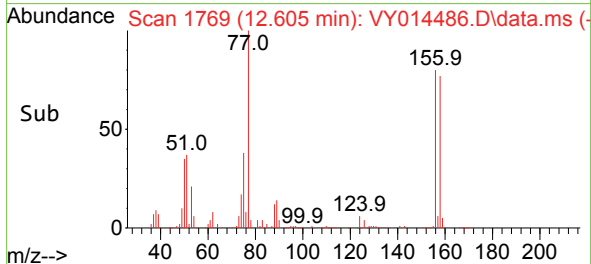
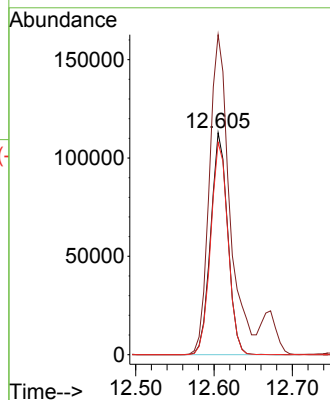
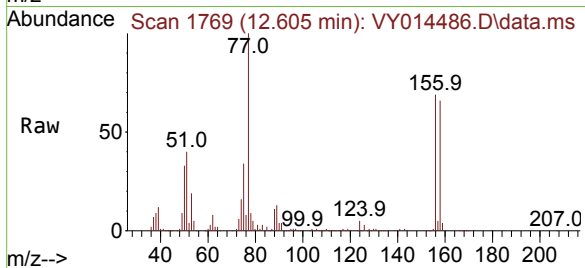
Tgt Ion:156 Resp: 170765

Ion Ratio Lower Upper

156 100

77 171.9 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 49.725 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014486.D

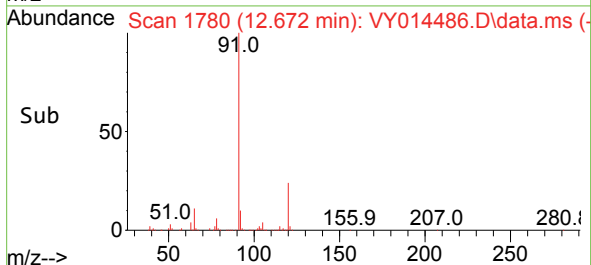
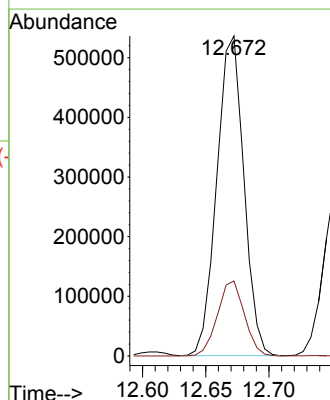
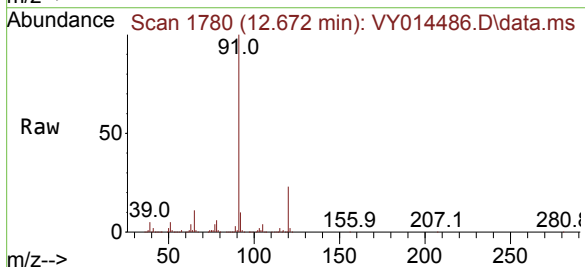
Acq: 28 Jun 2023 17:19

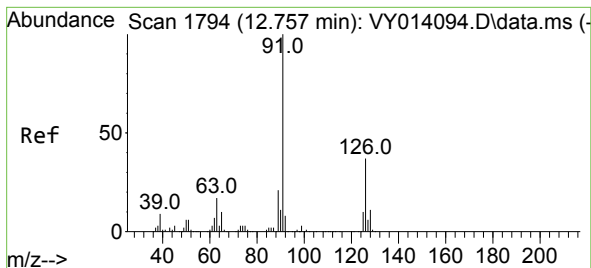
Tgt Ion: 91 Resp: 797303

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.171 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

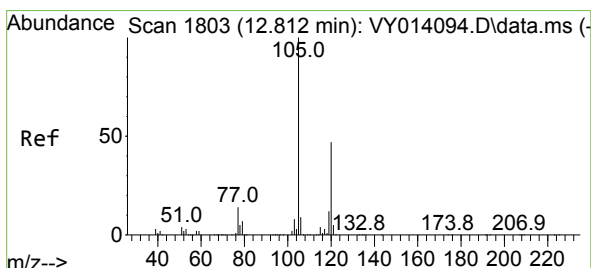
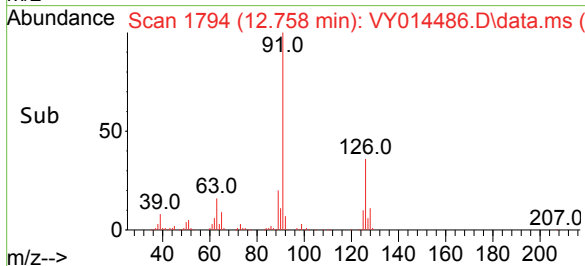
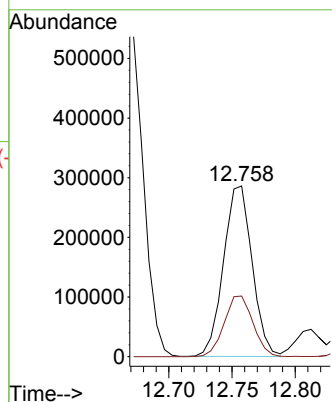
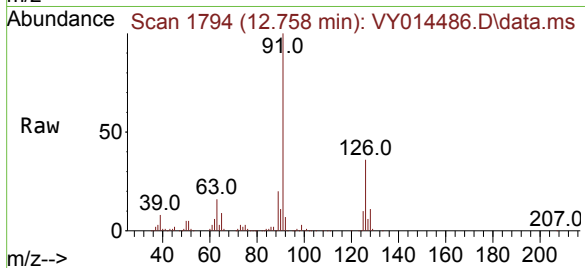
VSTDCCC050EC

Tgt Ion: 91 Resp: 450271

Ion Ratio Lower Upper

91 100

126 36.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.881 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014486.D

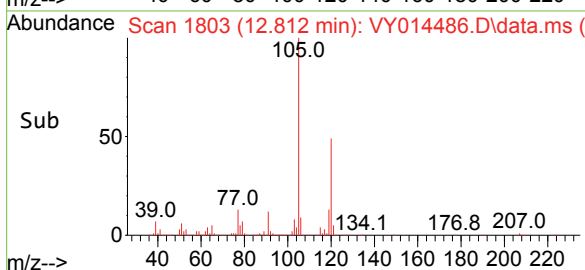
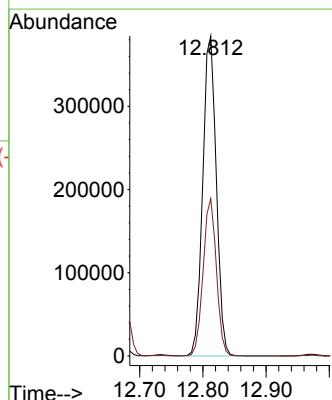
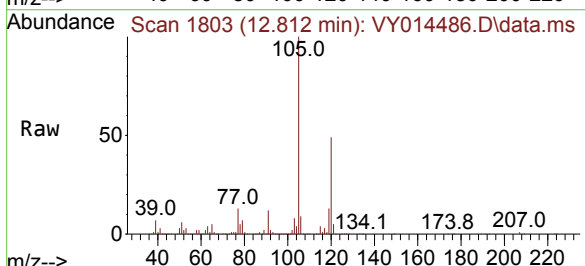
Acq: 28 Jun 2023 17:19

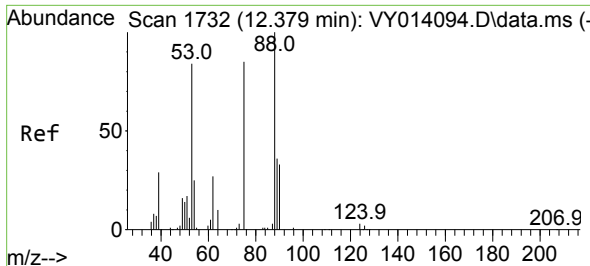
Tgt Ion:105 Resp: 573478

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

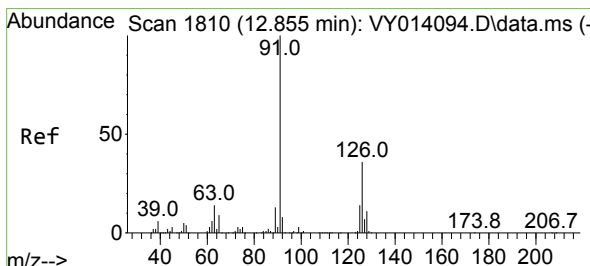
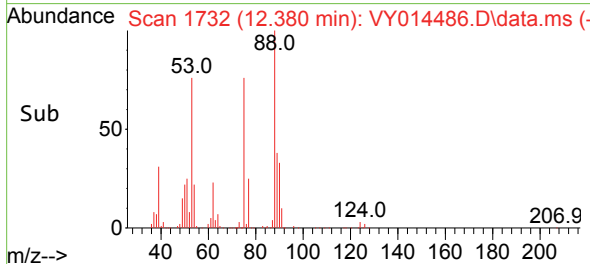
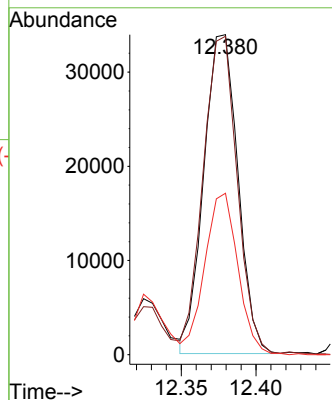
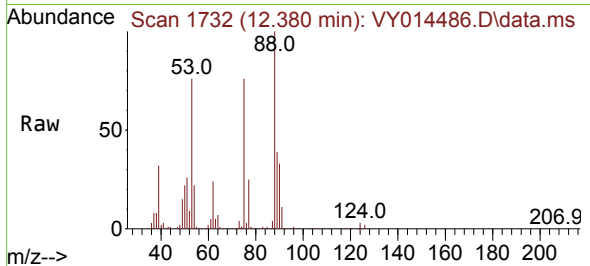




#81
trans-1,4-Dichloro-2-butene
Concen: 49.367 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

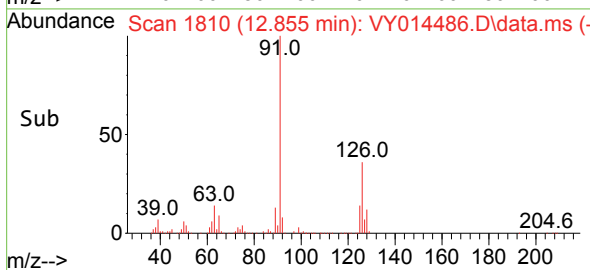
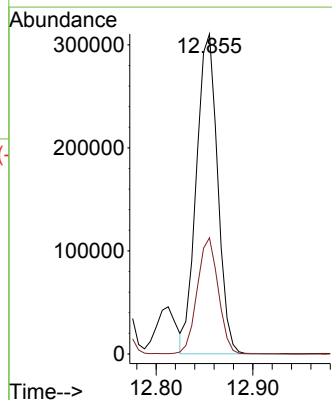
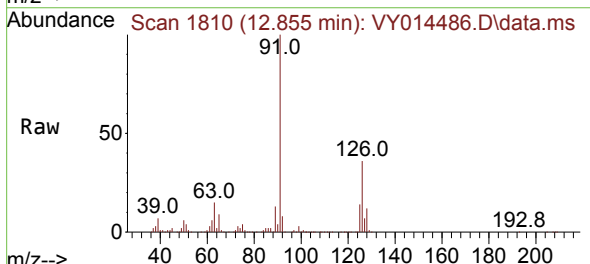
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

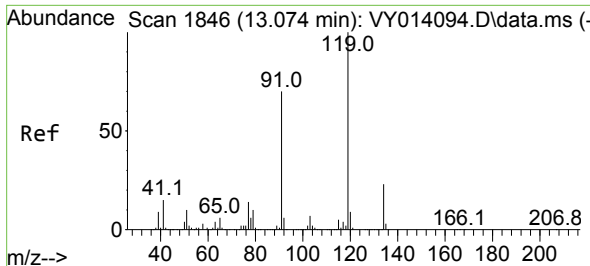
Tgt Ion: 75 Resp: 53687
Ion Ratio Lower Upper
75 100
53 99.2 77.8 116.8
89 49.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.563 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 91 Resp: 473739
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6

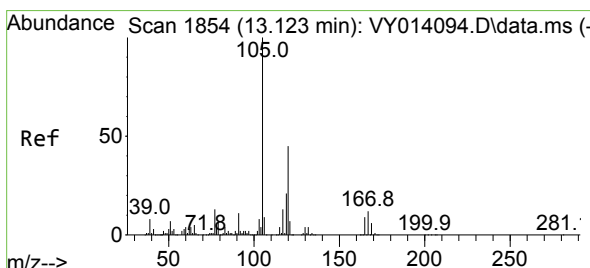
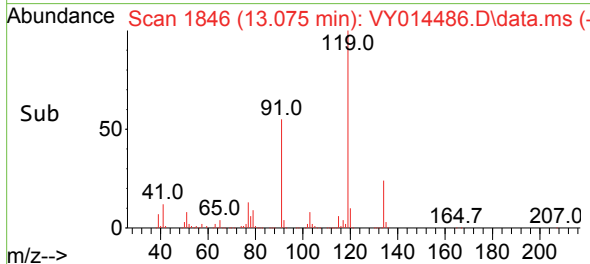
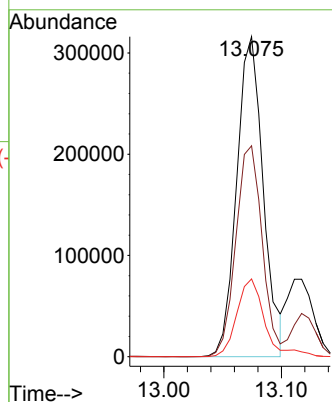
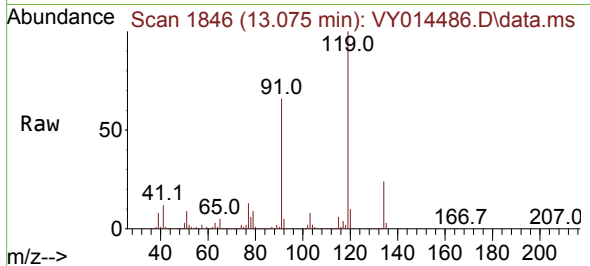




#83
tert-Butylbenzene
Concen: 50.271 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

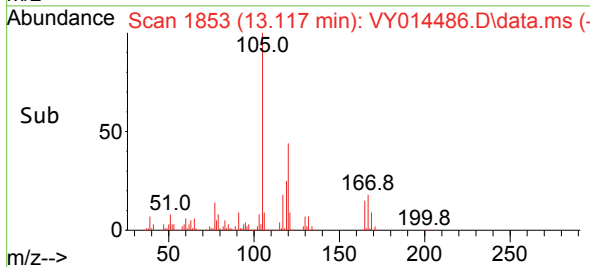
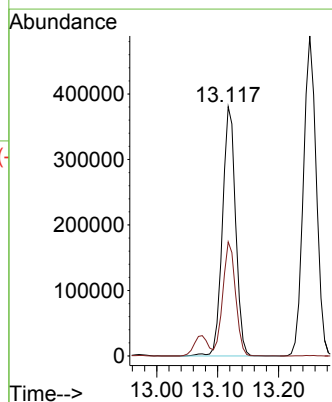
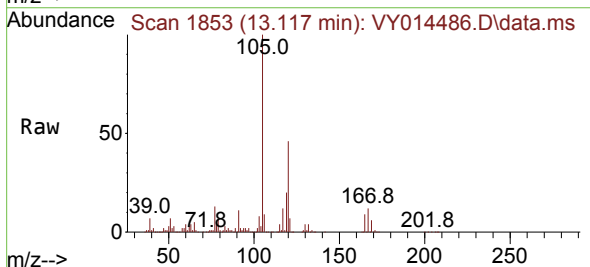
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

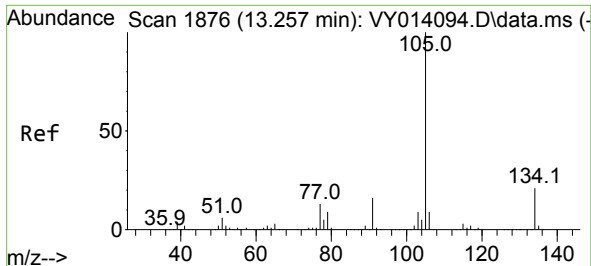
Tgt Ion:119 Resp: 495477
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.6
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.156 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:105 Resp: 571393
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6

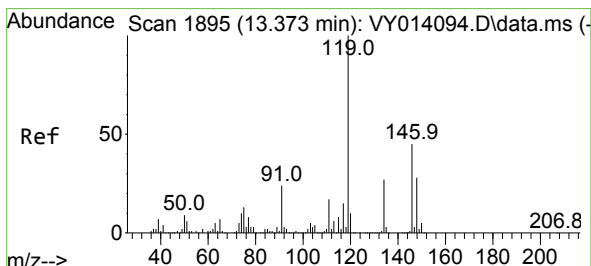
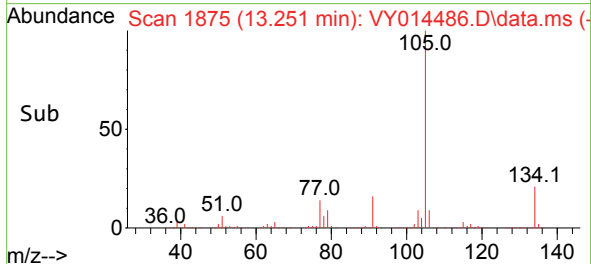
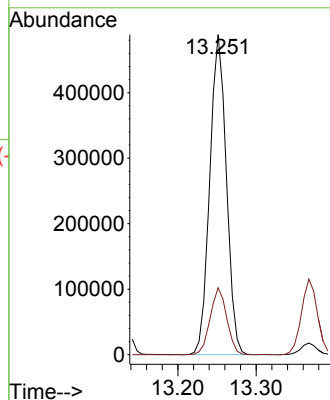
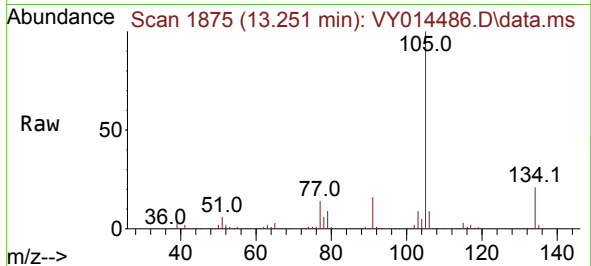




#85
 sec-Butylbenzene
 Concen: 50.336 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

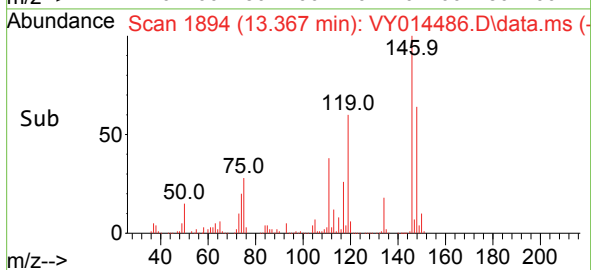
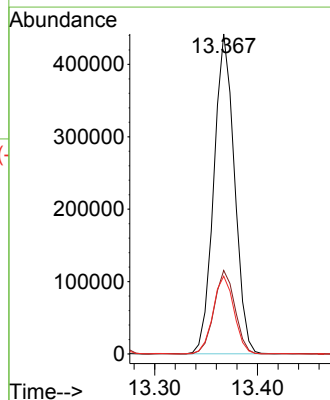
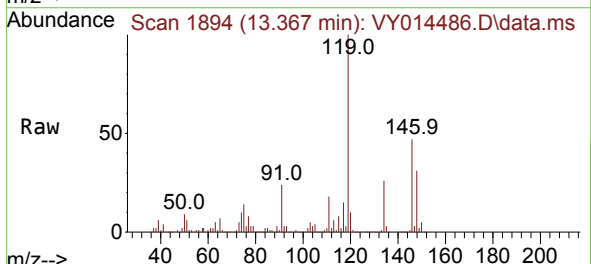
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

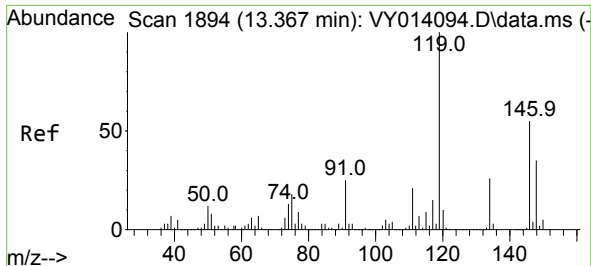
Tgt Ion:105 Resp: 717446
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.868 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion:119 Resp: 615395
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.7 12.4 37.4

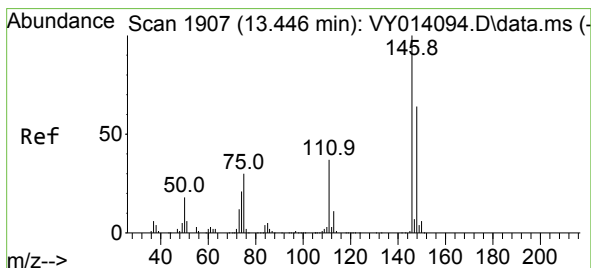
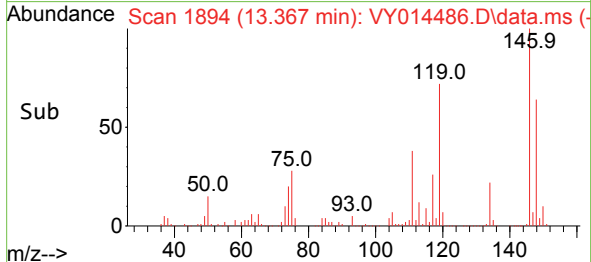
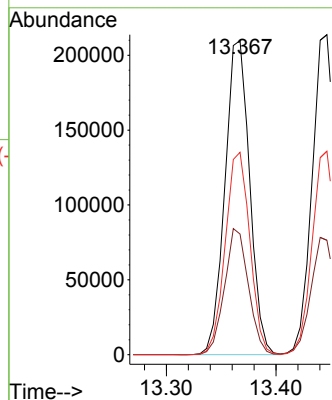
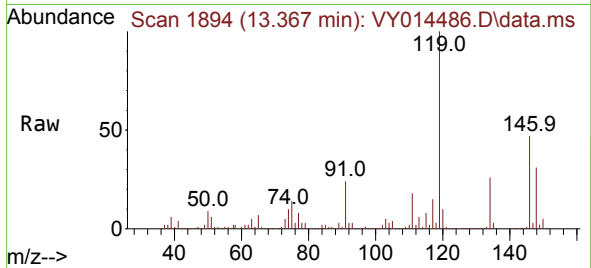




#87
1,3-Dichlorobenzene
Concen: 49.216 ug/l
RT: 13.367 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

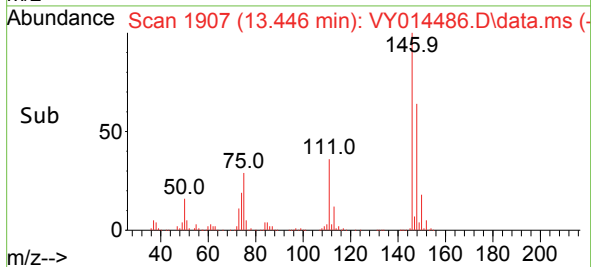
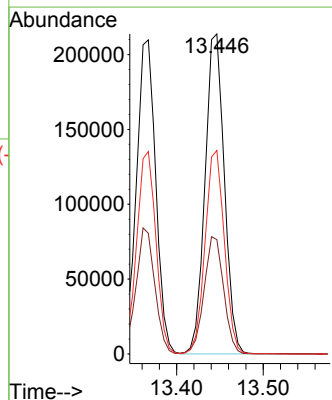
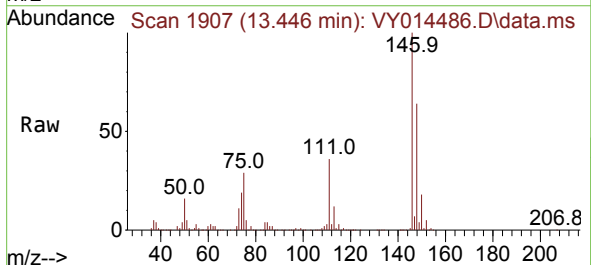
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

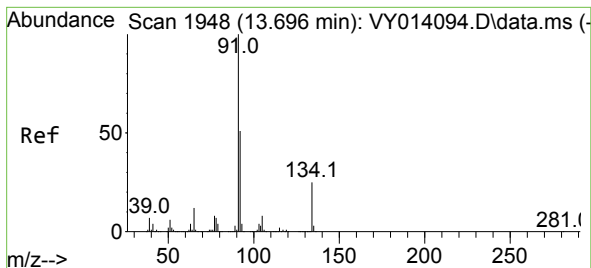
Tgt Ion:146 Resp: 328033
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 64.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.389 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion:146 Resp: 330945
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 49.616 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

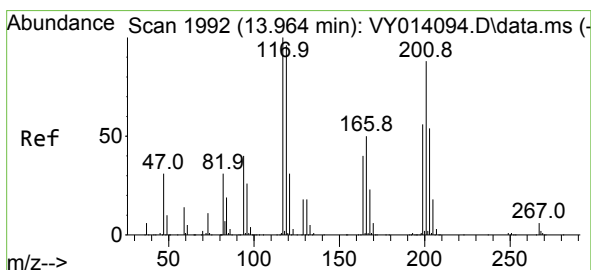
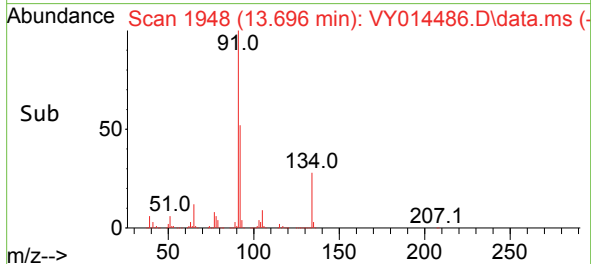
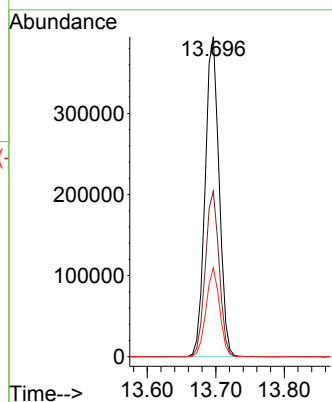
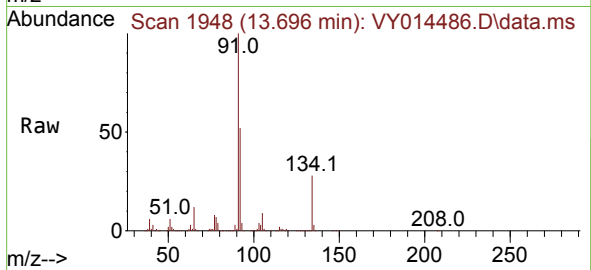
Tgt Ion: 91 Resp: 559440

Ion Ratio Lower Upper

91 100

92 51.5 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 48.986 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014486.D

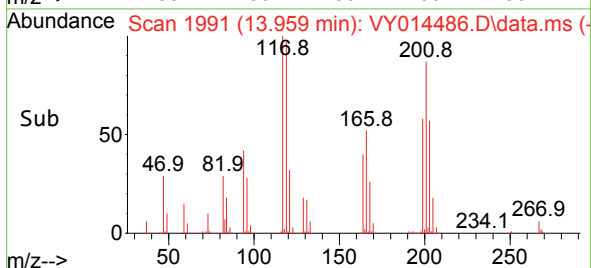
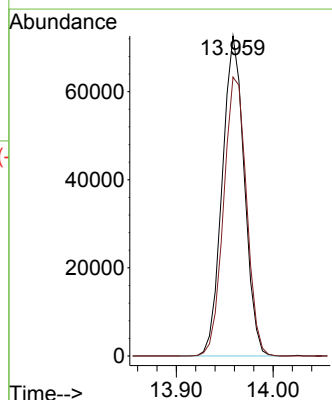
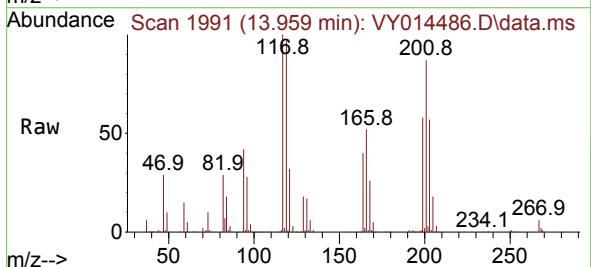
Acq: 28 Jun 2023 17:19

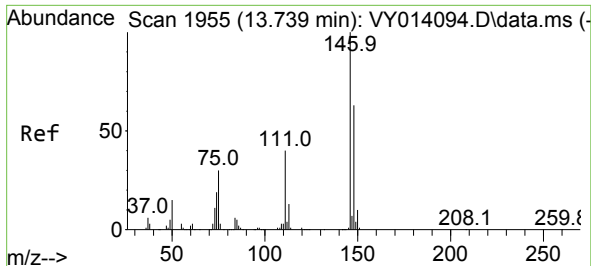
Tgt Ion: 117 Resp: 115003

Ion Ratio Lower Upper

117 100

201 90.4 41.6 124.8

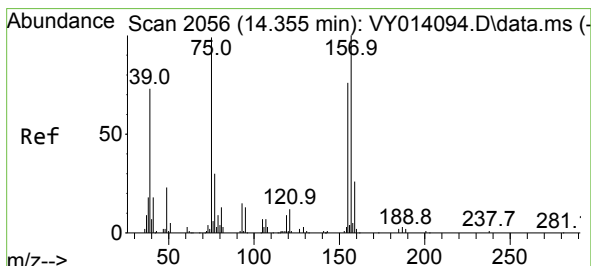
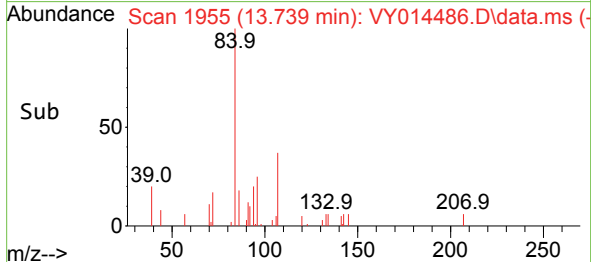
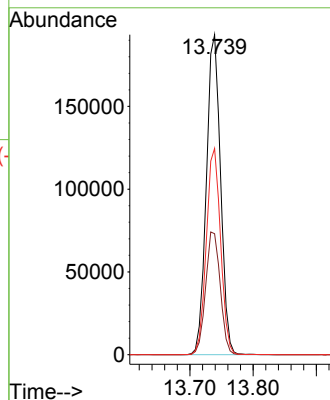
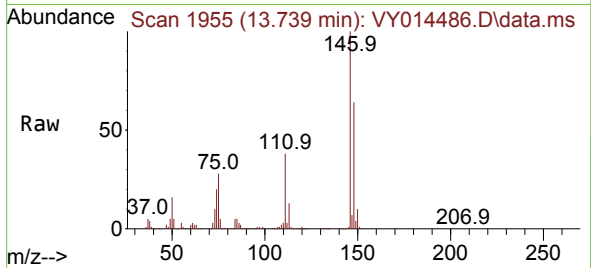




#91
1,2-Dichlorobenzene
Concen: 49.616 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

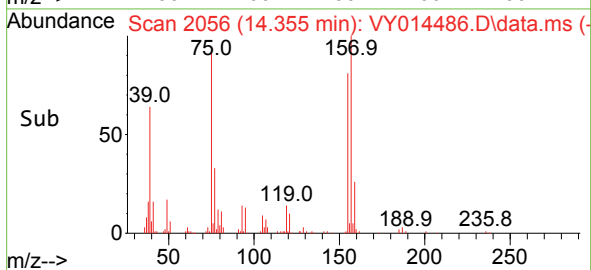
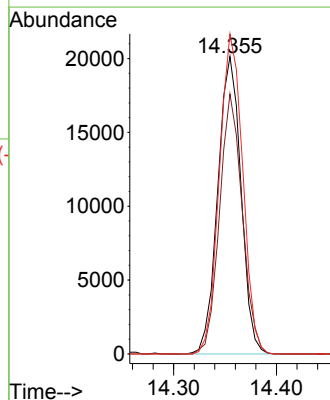
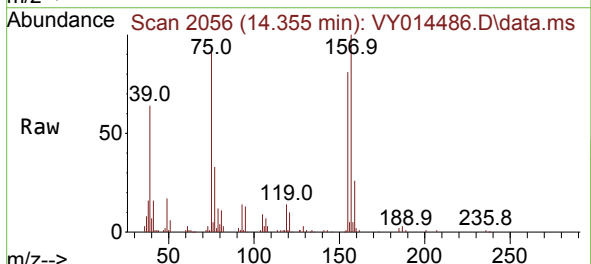
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

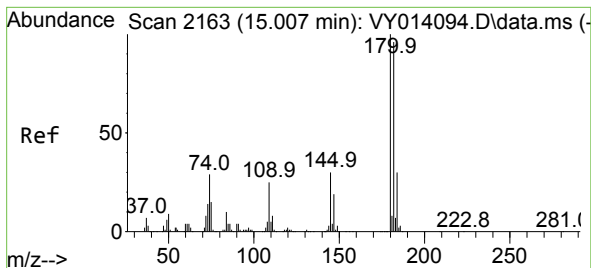
Tgt Ion:146 Resp: 301904
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.044 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014486.D
Acq: 28 Jun 2023 17:19

Tgt Ion: 75 Resp: 31415
Ion Ratio Lower Upper
75 100
155 85.8 41.5 124.6
157 108.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.000 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

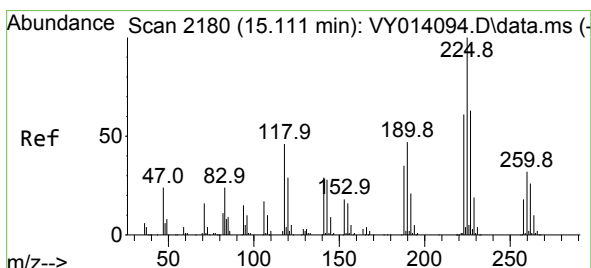
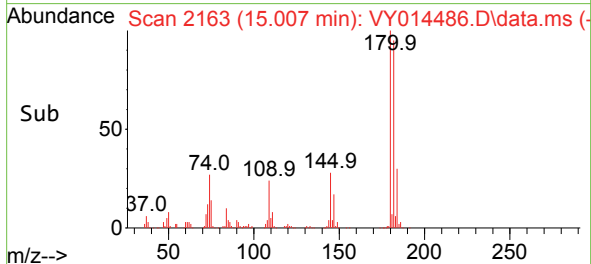
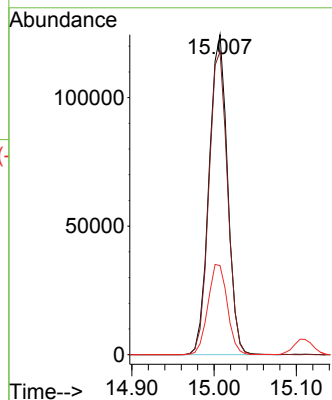
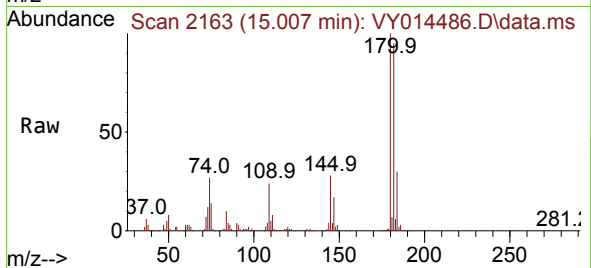
Tgt Ion:180 Resp: 193709

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.975 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014486.D

Acq: 28 Jun 2023 17:19

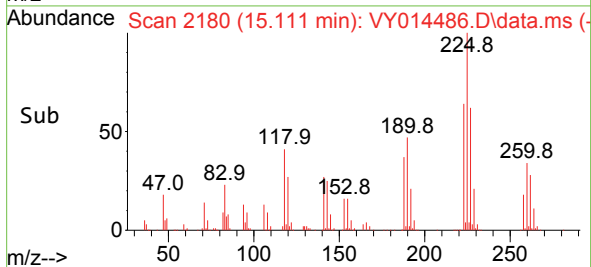
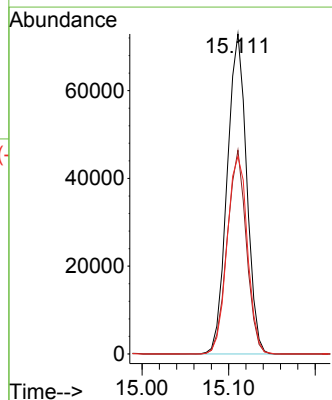
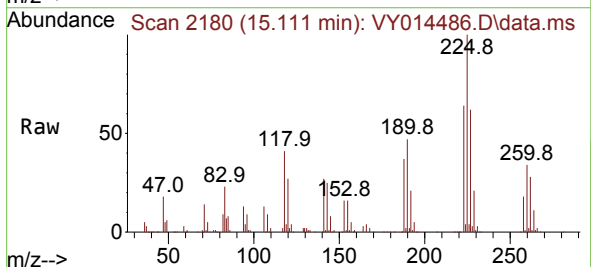
Tgt Ion:225 Resp: 113923

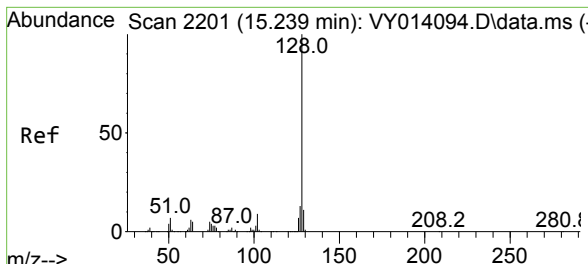
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 64.6 33.0 98.9



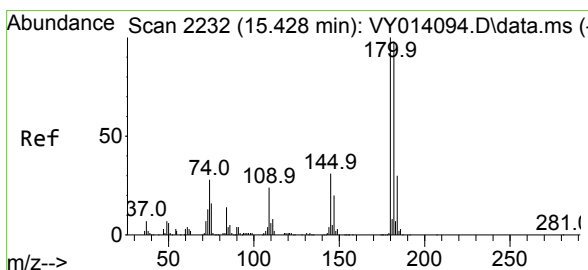
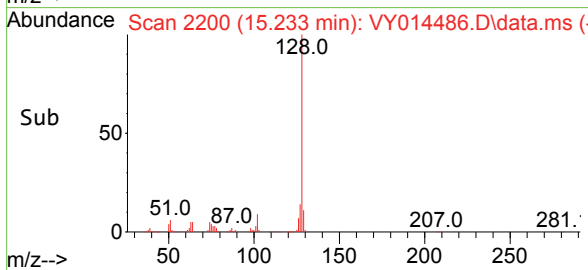
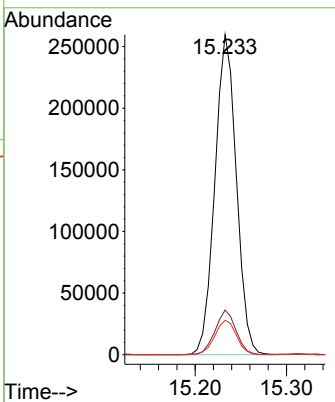
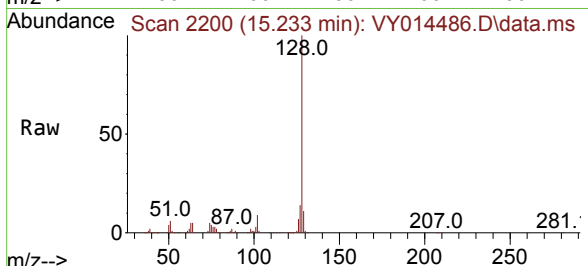


#95
 Naphthalene
 Concen: 49.872 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:128 Resp: 423878

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.9	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 48.174 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY014486.D
 Acq: 28 Jun 2023 17:19

Tgt Ion:180 Resp: 173407

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	31.3	15.4	46.2

