

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014688.D
 Acq On : 18 Jul 2023 09:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 19 03:58:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	426709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	154081	53.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.716	113	145091	53.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.179	98	522514	52.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.483	95	192101	50.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87769	42.749	ug/l	96
3) Chloromethane	2.107	50	132783	57.534	ug/l	99
4) Vinyl Chloride	2.247	62	145925	56.575	ug/l	97
5) Bromomethane	2.643	94	104221	61.142	ug/l	100
6) Chloroethane	2.790	64	96320	59.783	ug/l	97
7) Trichlorofluoromethane	3.119	101	212767	49.115	ug/l	97
8) Diethyl Ether	3.527	74	83469	51.786	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	126964	47.817	ug/l	95
10) Methyl Iodide	4.088	142	146941	52.100	ug/l	97
11) Tert butyl alcohol	4.960	59	137392	229.380	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	123493	49.763	ug/l	93
13) Acrolein	3.729	56	59761	199.104	ug/l	98
14) Allyl chloride	4.479	41	216064	49.036	ug/l	96
15) Acrylonitrile	5.161	53	245201	275.876	ug/l	99
16) Acetone	3.948	43	233229	256.293	ug/l	92
17) Carbon Disulfide	4.192	76	340053	47.862	ug/l	99
18) Methyl Acetate	4.472	43	194719	55.758	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	430835	53.445	ug/l	99
20) Methylene Chloride	4.710	84	151629	51.410	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	144432	51.285	ug/l	97
22) Diisopropyl ether	6.118	45	462220	51.597	ug/l	92
23) Vinyl Acetate	6.057	43	1395668	260.342	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	266315	51.956	ug/l	98
25) 2-Butanone	6.984	43	354863	266.547	ug/l	95
26) 2,2-Dichloropropane	6.978	77	254479	52.092	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	173720	52.994	ug/l	96
28) Bromochloromethane	7.332	49	115544	52.340	ug/l	94
29) Tetrahydrofuran	7.344	42	221761	270.514	ug/l	92
30) Chloroform	7.502	83	278533	52.695	ug/l	95
31) Cyclohexane	7.783	56	205474	43.103	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	246934	51.907	ug/l	99
36) 1,1-Dichloropropene	7.917	75	198617	48.894	ug/l	99
37) Ethyl Acetate	7.076	43	145932	52.178	ug/l #	95
38) Carbon Tetrachloride	7.899	117	214830	50.029	ug/l	98
39) Methylcyclohexane	9.185	83	234863	44.379	ug/l	93
40) Benzene	8.161	78	586267	50.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	203377	141.376	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	188777	51.599	ug/l	95
43) Isopropyl Acetate	8.271	43	275316	51.677	ug/l	96
44) Trichloroethene	8.941	130	162677	50.326	ug/l	100
45) 1,2-Dichloropropane	9.215	63	150351	49.839	ug/l	98
46) Dibromomethane	9.307	93	95687	52.284	ug/l	96
47) Bromodichloromethane	9.496	83	222928	51.683	ug/l	99
48) Methyl methacrylate	9.295	41	122299	51.015	ug/l	92
49) 1,4-Dioxane	9.301	88	31202	1045.582	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	750241	268.206	ug/l	94
52) Toluene	10.246	92	374163	50.612	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	239234	50.705	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	261010	50.871	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	133912	52.529	ug/l	97
56) Ethyl methacrylate	10.508	69	202716	52.081	ug/l	90
57) 1,3-Dichloropropane	10.788	76	227672	51.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	461389	254.403	ug/l	94
59) 2-Hexanone	10.831	43	540280	264.855	ug/l	92
60) Dibromochloromethane	10.983	129	164429	52.607	ug/l	100
61) 1,2-Dibromoethane	11.087	107	132115	51.949	ug/l	100
64) Tetrachloroethene	10.721	164	149864	49.714	ug/l	97
65) Chlorobenzene	11.514	112	408322	51.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	159665	53.018	ug/l	99
67) Ethyl Benzene	11.593	91	735031	50.969	ug/l	98
68) m/p-Xylenes	11.703	106	558249	101.410	ug/l	97
69) o-Xylene	12.032	106	274069	51.115	ug/l	98
70) Styrene	12.044	104	466334	51.603	ug/l	98
71) Bromoform	12.209	173	110821	54.289	ug/l #	99
73) Isopropylbenzene	12.331	105	725029	50.566	ug/l	100
74) N-amyl acetate	12.142	43	241757	50.344	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	171869	52.563	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	225058	97.313	ug/l #	100
77) Bromobenzene	12.611	156	169446	51.772	ug/l	95
78) n-propylbenzene	12.672	91	855833	49.534	ug/l	99
79) 2-Chlorotoluene	12.758	91	491394	49.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	600720	50.167	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	60817	50.915	ug/l	95
82) 4-Chlorotoluene	12.855	91	508853	49.648	ug/l	100
83) tert-Butylbenzene	13.075	119	529923	49.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	591222	50.310	ug/l	98
85) sec-Butylbenzene	13.251	105	778775	49.979	ug/l	99
86) p-Isopropyltoluene	13.373	119	646674	50.830	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	329936	51.796	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	326786	51.194	ug/l	99
89) n-Butylbenzene	13.696	91	598769	48.376	ug/l	96
90) Hexachloroethane	13.959	117	132900	50.858	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	301884	51.727	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	32648	52.211	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	189928	51.266	ug/l	99
94) Hexachlorobutadiene	15.111	225	99139	48.696	ug/l	98
95) Naphthalene	15.233	128	458159	53.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	169539	51.492	ug/l	98

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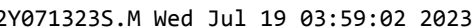
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

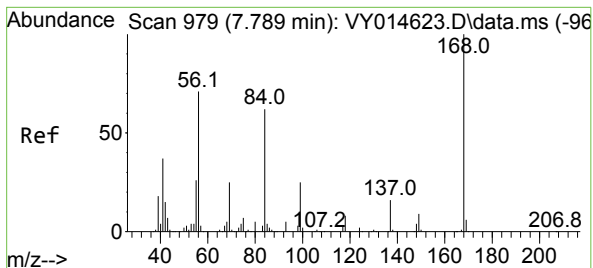
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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: VY014688.D

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MSVOA_Y

ClientSampleId :

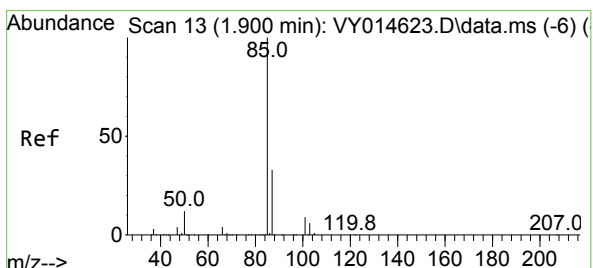
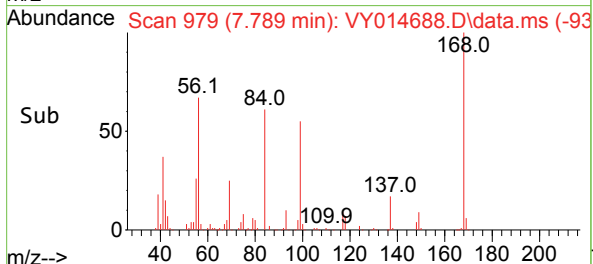
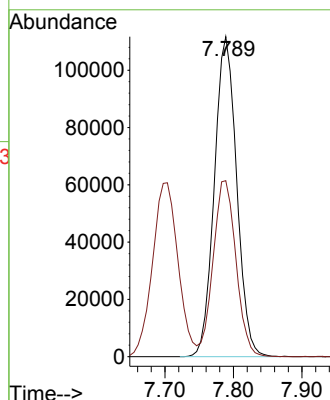
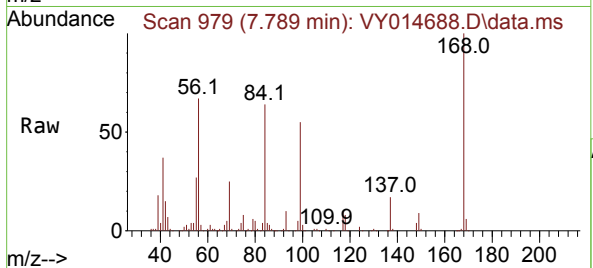
VSTDCCC050

Tgt Ion:168 Resp: 252006

Ion Ratio Lower Upper

168 100

99 54.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 42.749 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY014688.D

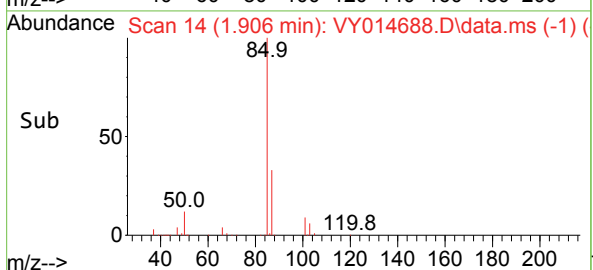
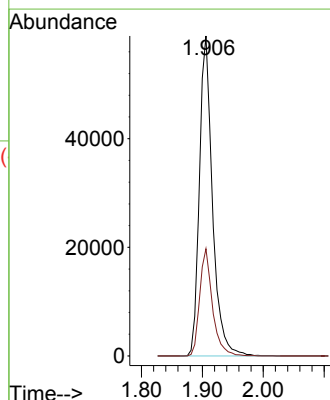
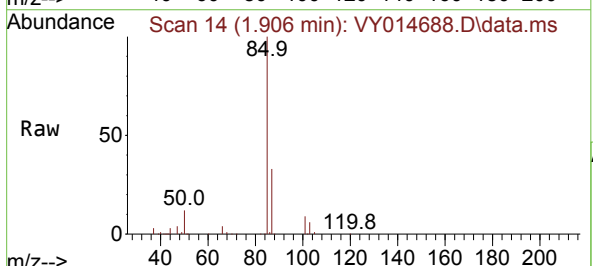
Acq: 18 Jul 2023 09:09

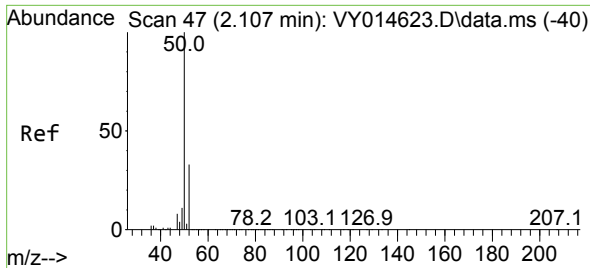
Tgt Ion: 85 Resp: 87769

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8

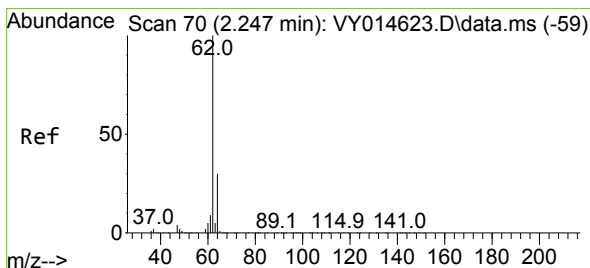
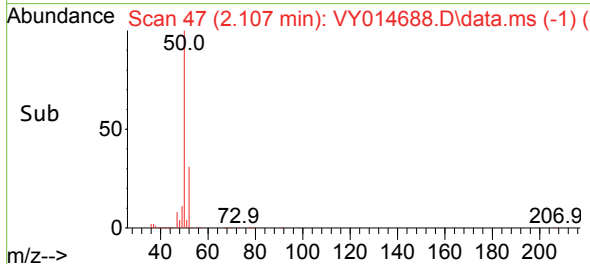
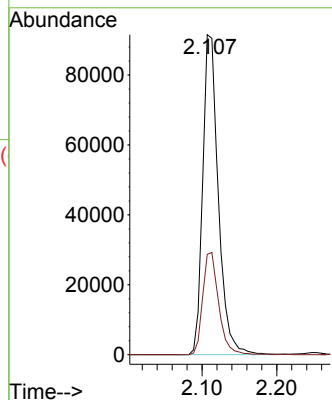
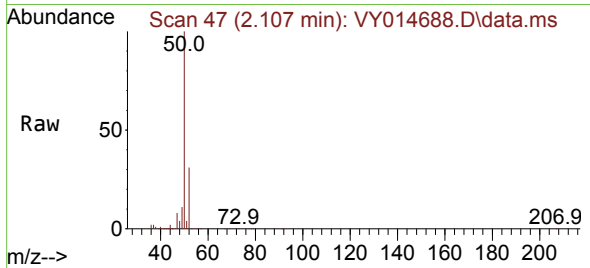




#3
Chloromethane
Concen: 57.534 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

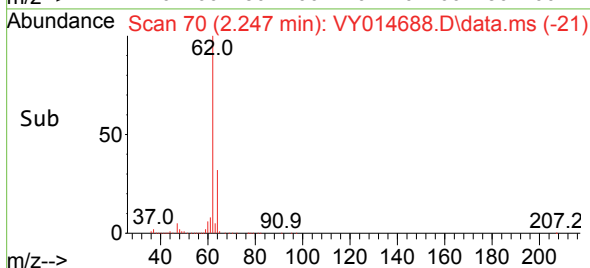
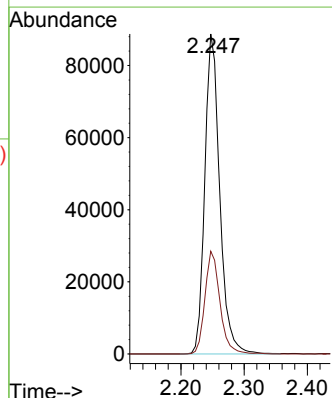
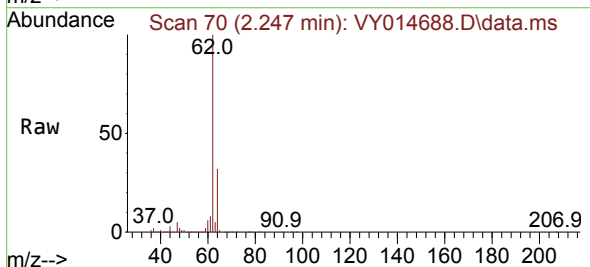
Instrument :
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ClientSampleId :
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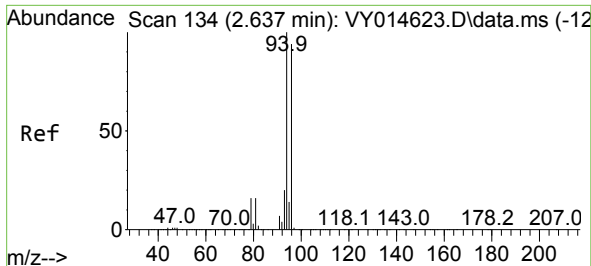
Tgt Ion: 50 Resp: 132783
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2



#4
Vinyl Chloride
Concen: 56.575 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 62 Resp: 145925
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

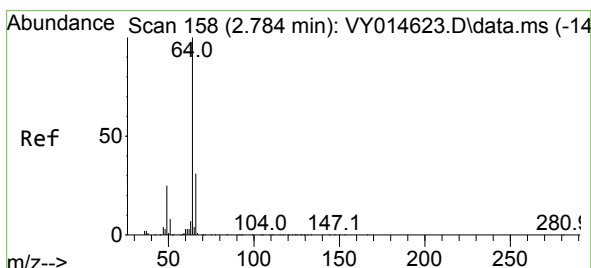
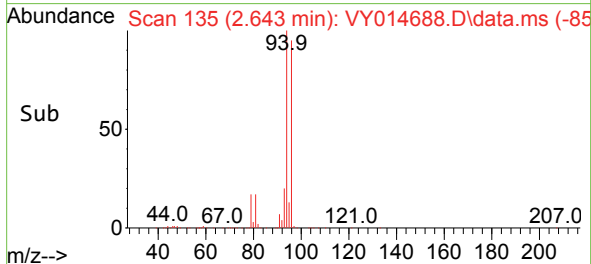
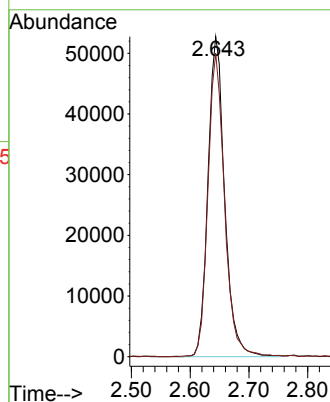
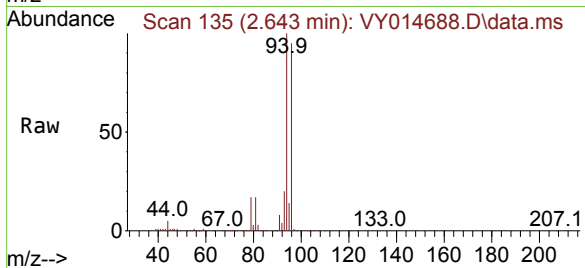




#5
Bromomethane
Concen: 61.142 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

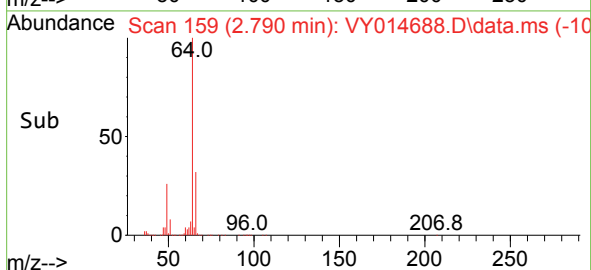
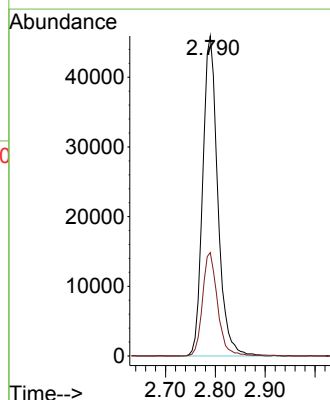
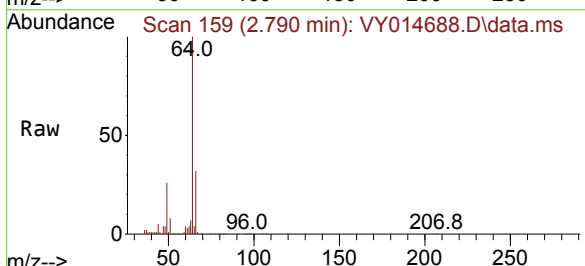
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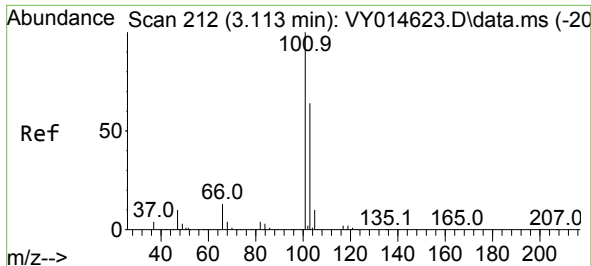
Tgt Ion: 94 Resp: 104221
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 59.783 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 64 Resp: 96320
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6

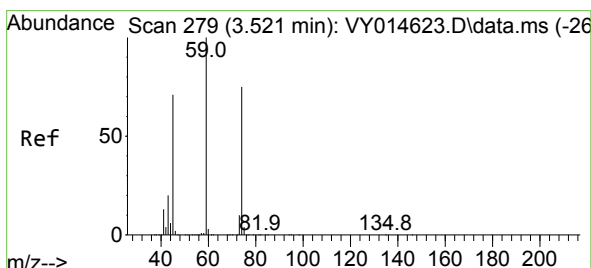
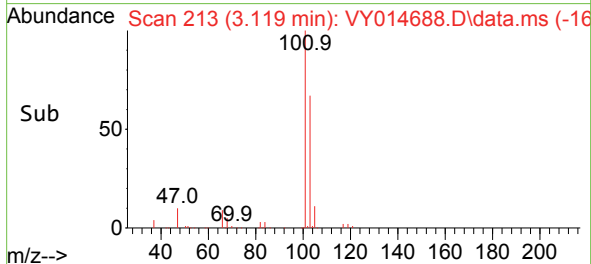
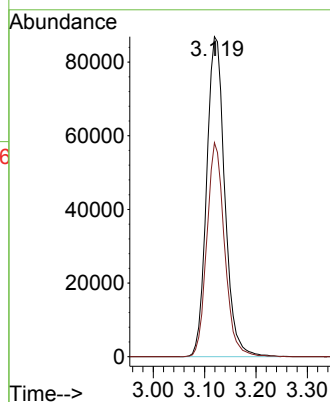
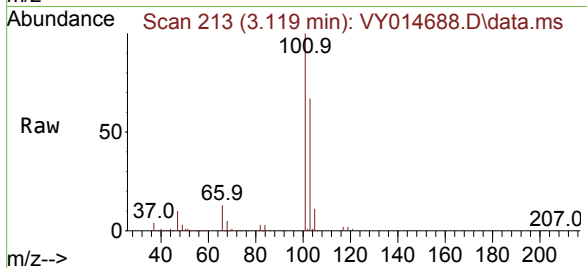




#7
 Trichlorofluoromethane
 Concen: 49.115 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

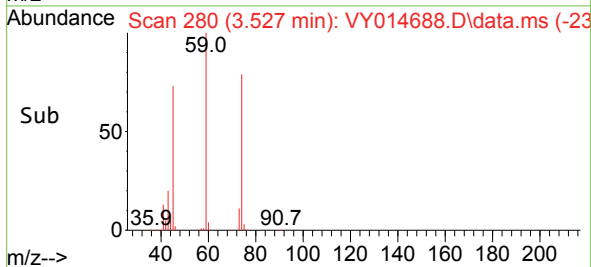
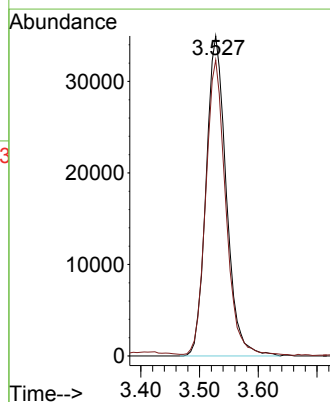
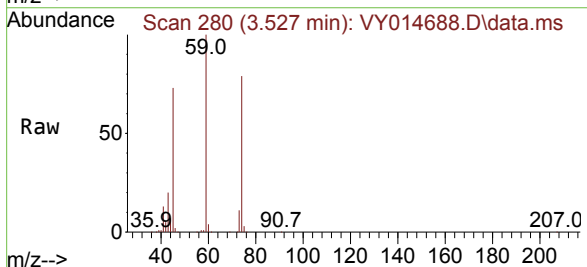
Instrument :
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 VSTDCCC050

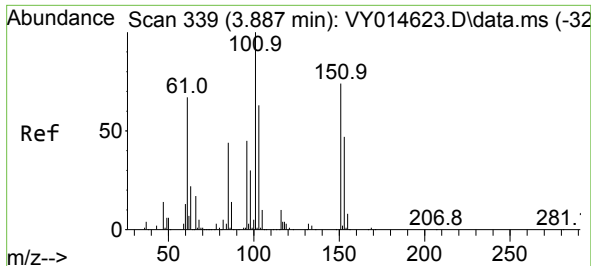
Tgt Ion:101 Resp: 212767
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.786 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

Tgt Ion: 74 Resp: 83469
 Ion Ratio Lower Upper
 74 100
 45 91.4 51.5 154.5

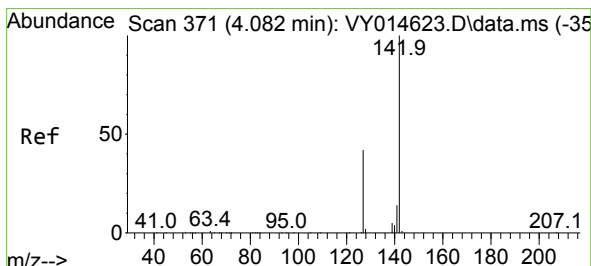
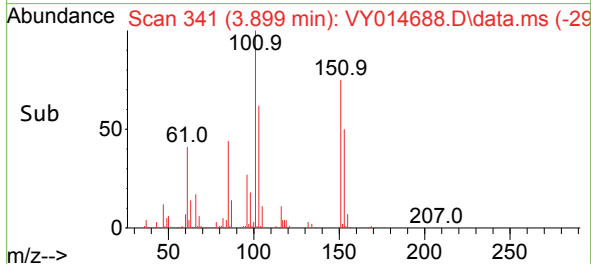
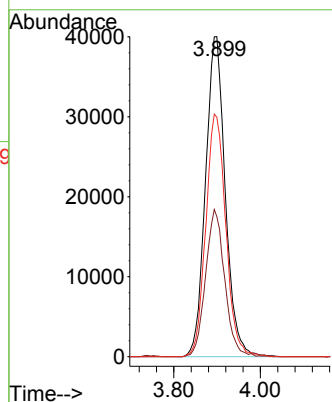
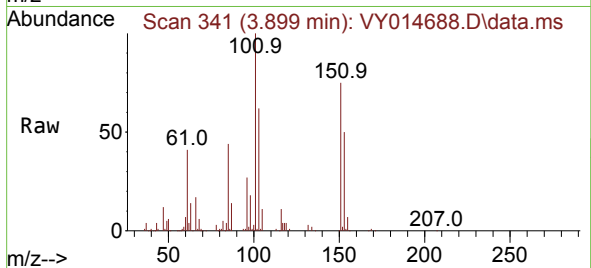




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.817 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

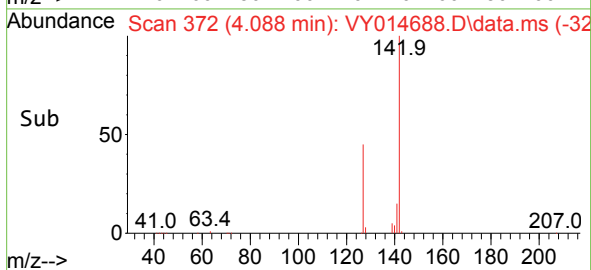
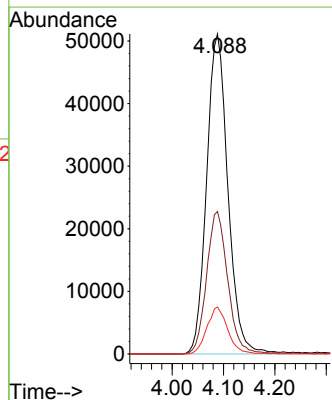
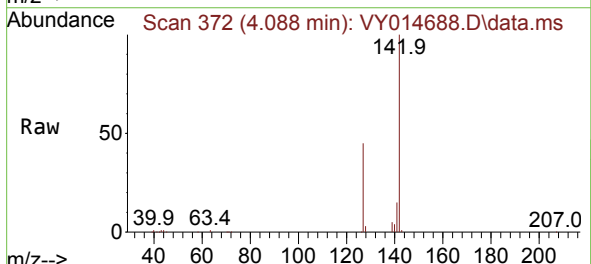
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

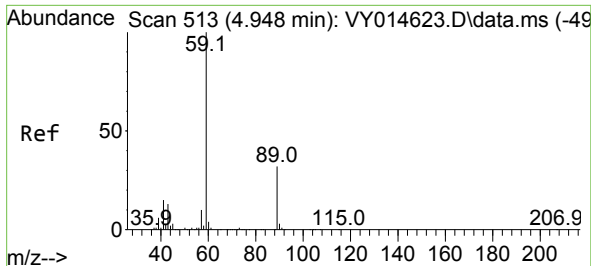
Tgt Ion:101 Resp: 126964
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.0 67.0 100.6



#10
Methyl Iodide
Concen: 52.100 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:142 Resp: 146941
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.4 11.8 17.8

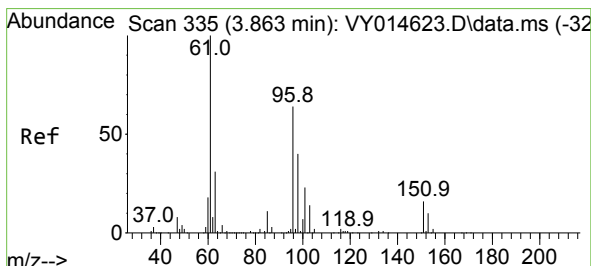
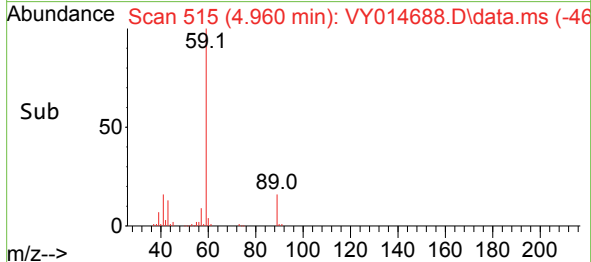
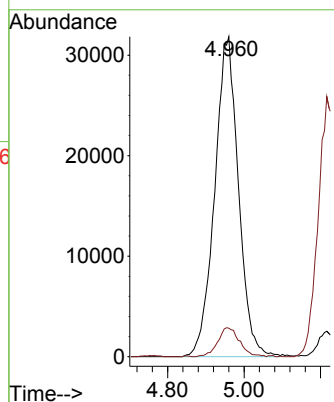
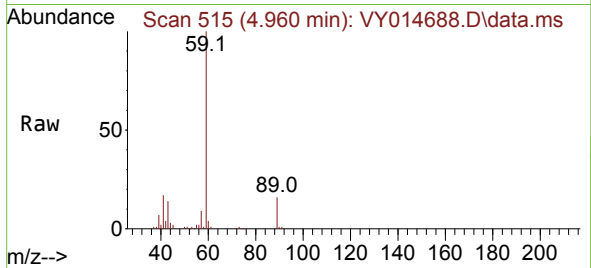




#11
Tert butyl alcohol
Concen: 229.380 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

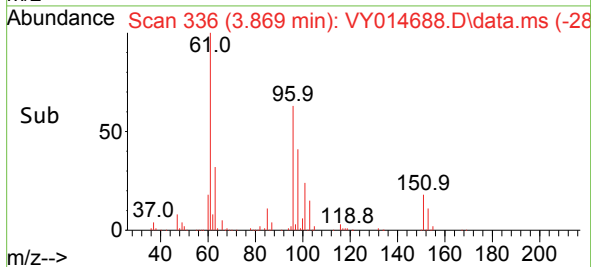
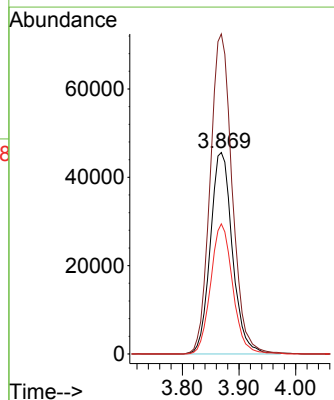
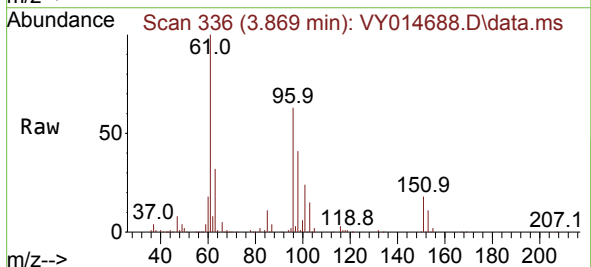
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

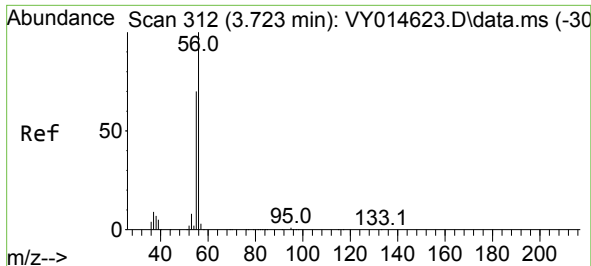
Tgt Ion: 59 Resp: 137392
Ion Ratio Lower Upper
59 100
57 8.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.763 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 96 Resp: 123493
Ion Ratio Lower Upper
96 100
61 158.8 136.4 204.6
98 64.5 49.4 74.2





#13

Acrolein

Concen: 199.104 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

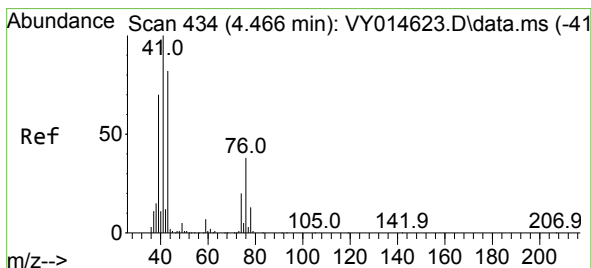
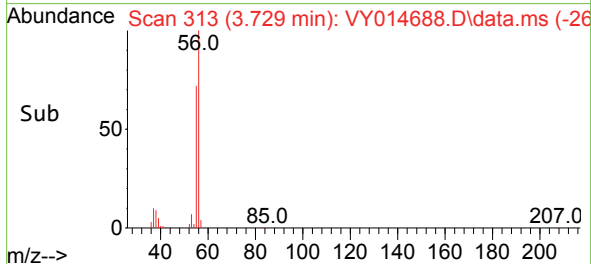
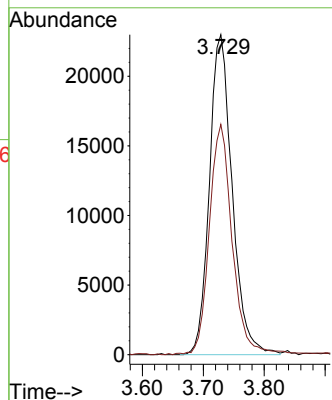
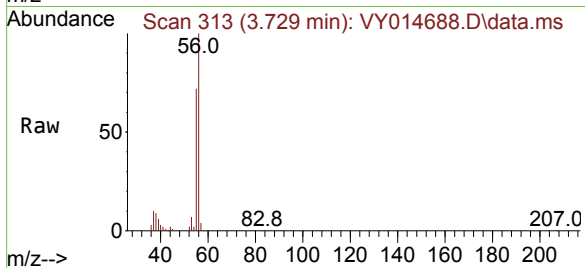
VSTDCCC050

Tgt Ion: 56 Resp: 59761

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 49.036 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

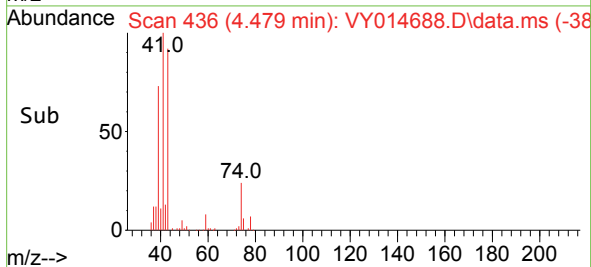
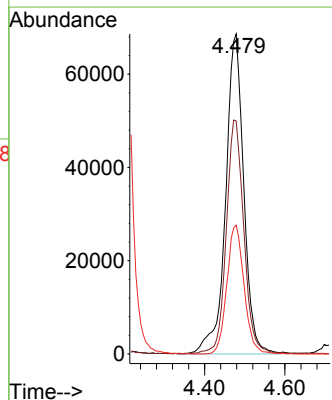
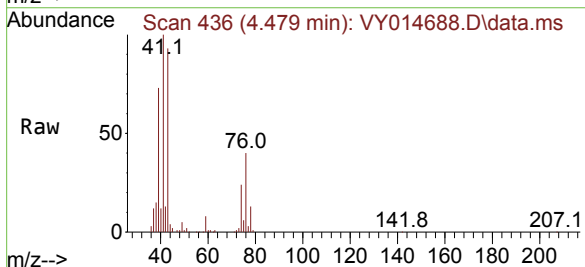
Tgt Ion: 41 Resp: 216064

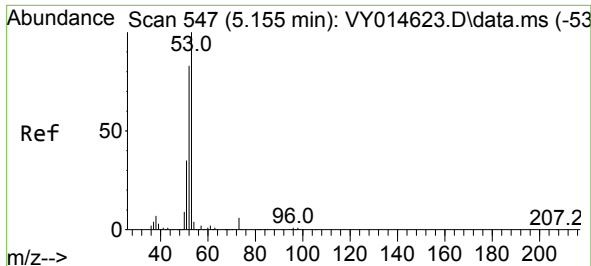
Ion Ratio Lower Upper

41 100

39 70.6 58.0 87.0

76 38.1 27.4 41.2

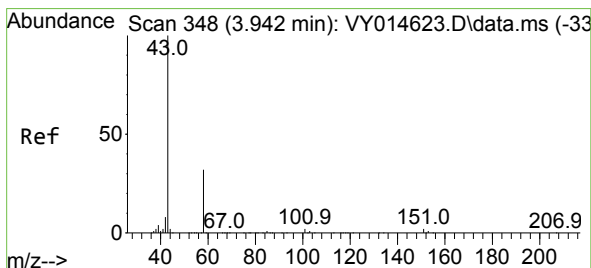
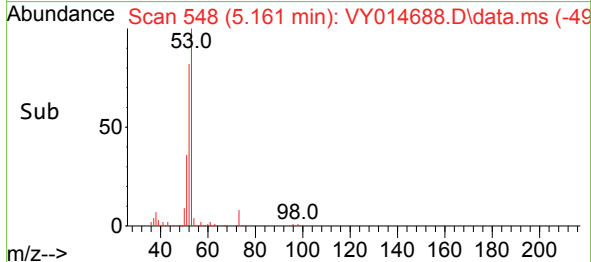
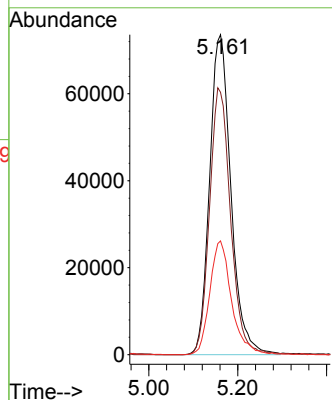
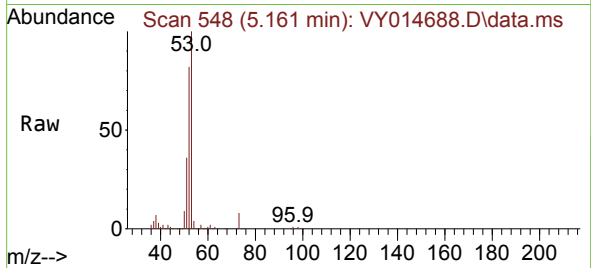




#15
Acrylonitrile
Concen: 275.876 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

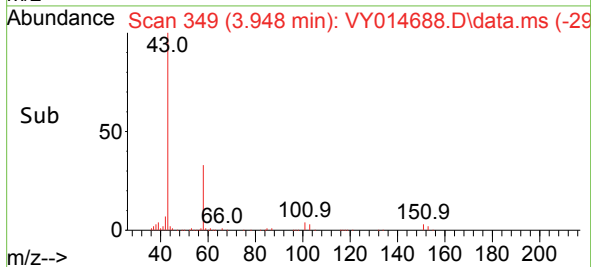
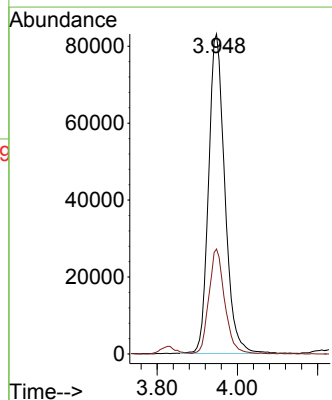
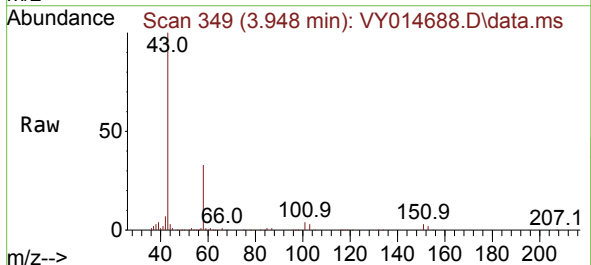
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

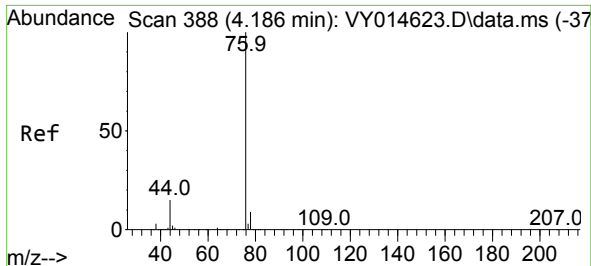
Tgt Ion: 53 Resp: 245201
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 256.293 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 43 Resp: 233229
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1

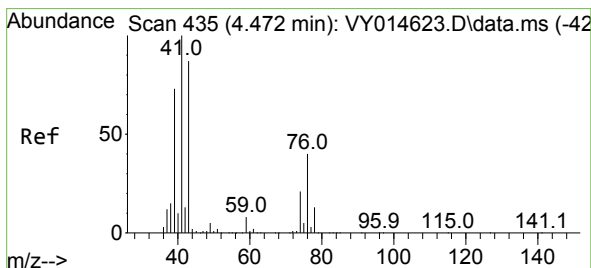
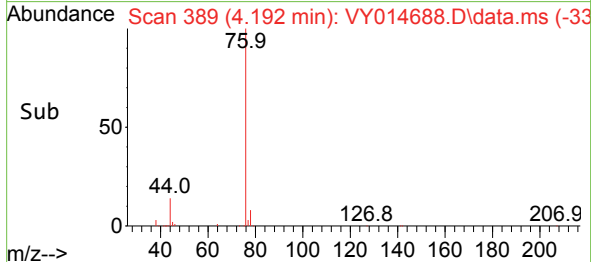
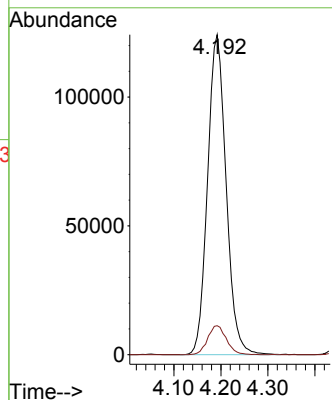
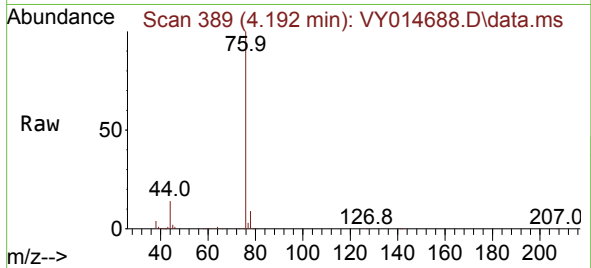




#17
Carbon Disulfide
Concen: 47.862 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

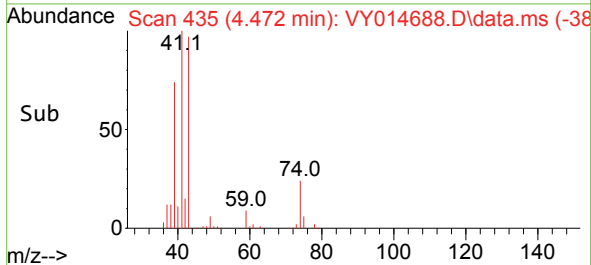
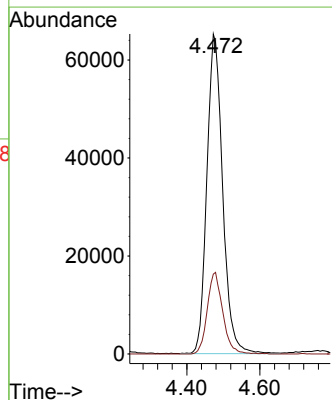
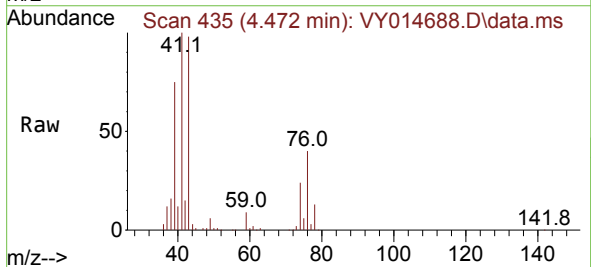
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

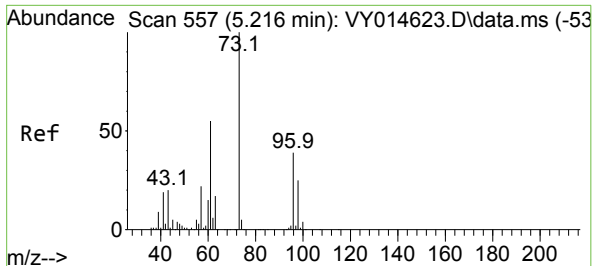
Tgt Ion: 76 Resp: 340053
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 55.758 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 43 Resp: 194719
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

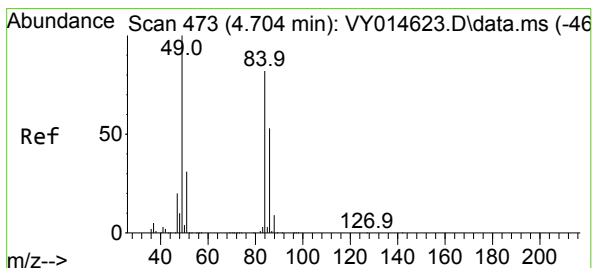
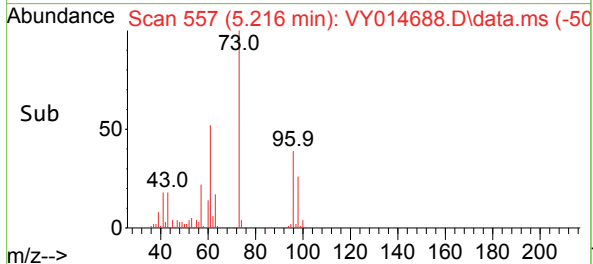
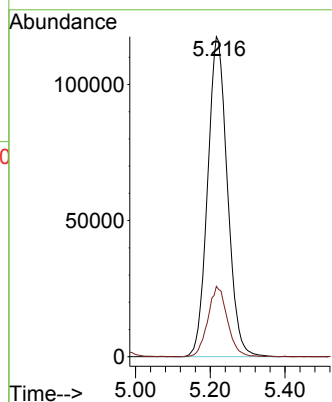
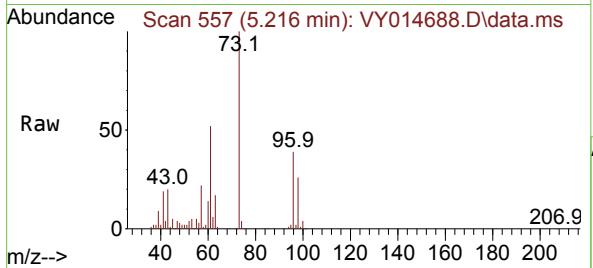




#19
Methyl tert-butyl Ether
Concen: 53.445 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

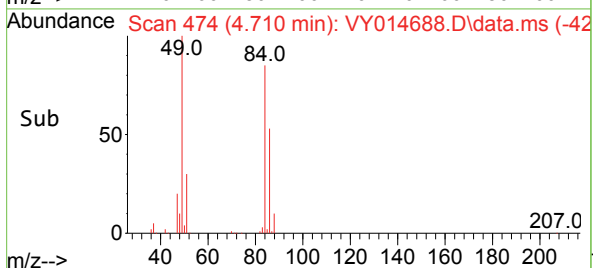
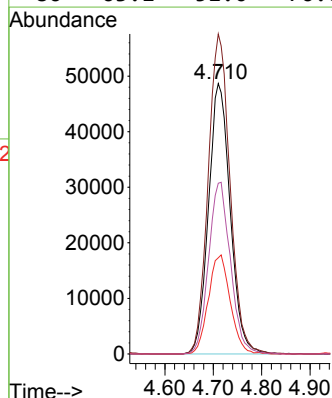
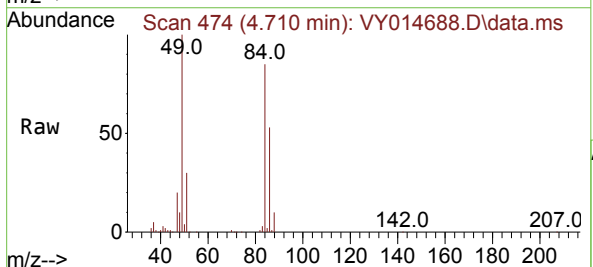
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

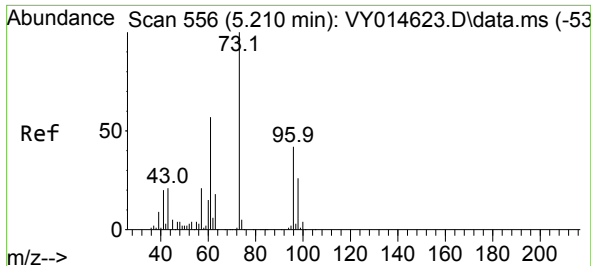
Tgt Ion: 73 Resp: 430835
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.410 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 84 Resp: 151629
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 35.5 33.2 49.8
86 63.1 51.0 76.6

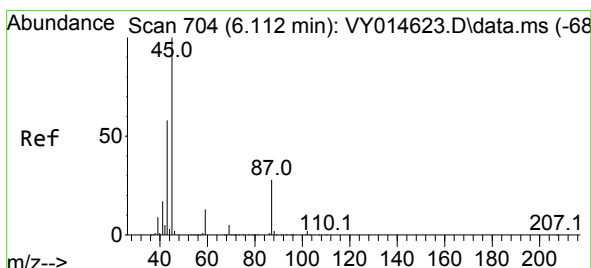
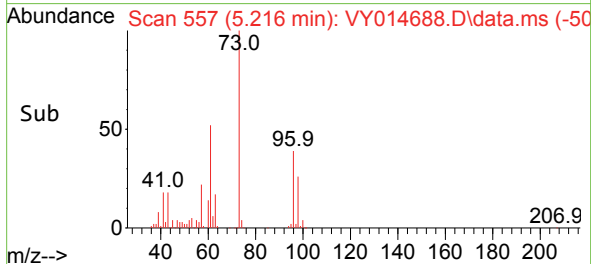
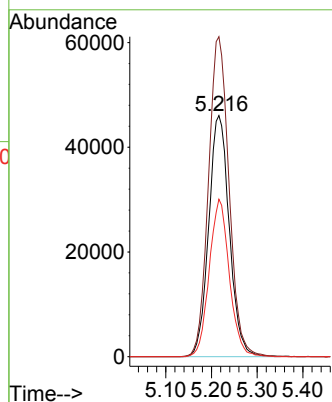
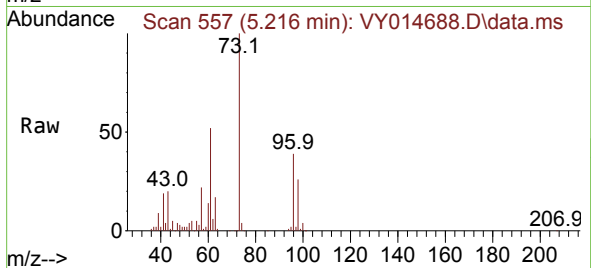




#21
trans-1,2-Dichloroethene
Concen: 51.285 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

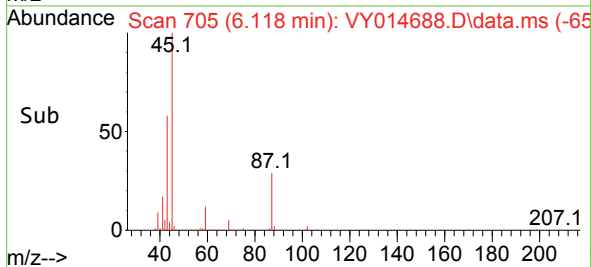
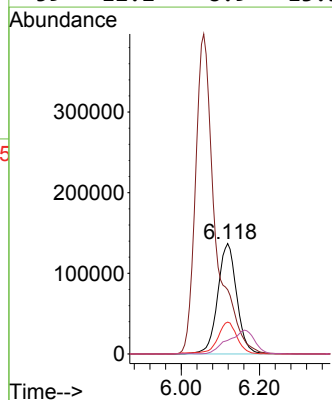
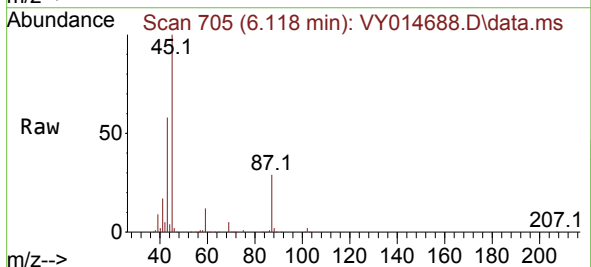
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

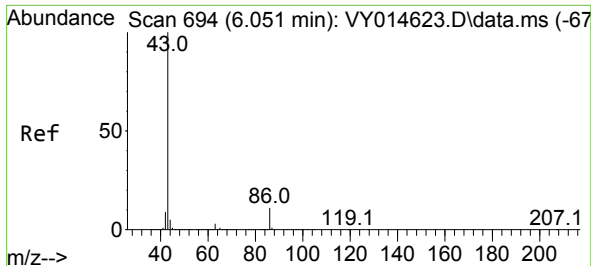
Tgt Ion: 96 Resp: 144432
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 65.3 51.8 77.6



#22
Diisopropyl ether
Concen: 51.597 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 45 Resp: 462220
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 28.9 21.0 31.6
59 12.2 8.9 13.3

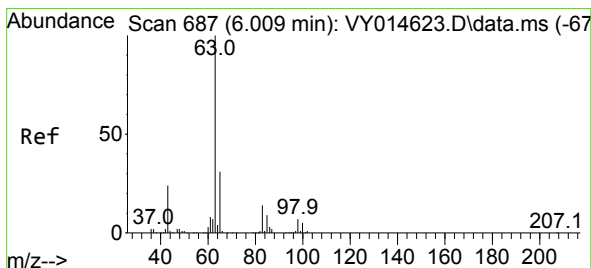
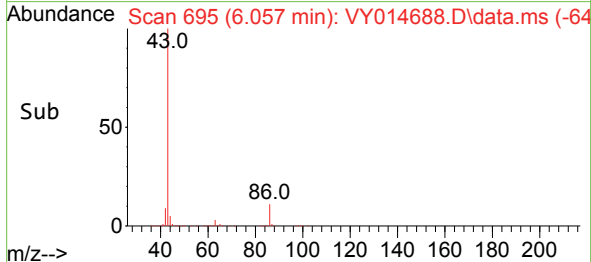
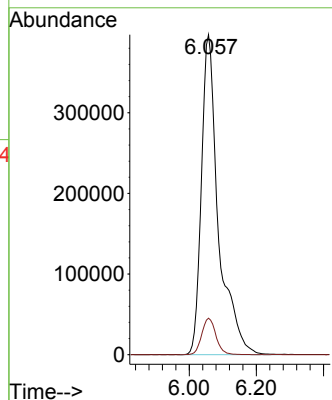
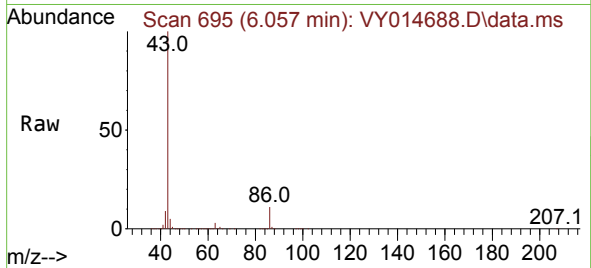




#23
 Vinyl Acetate
 Concen: 260.342 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

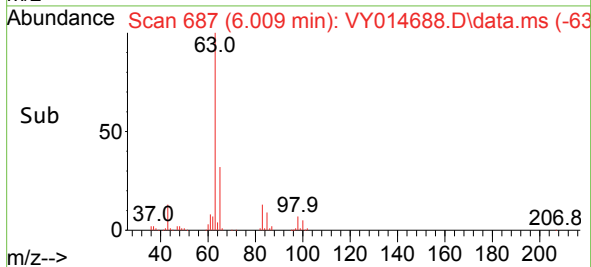
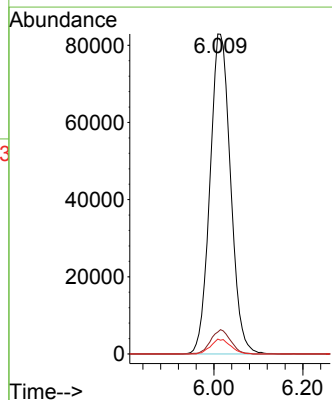
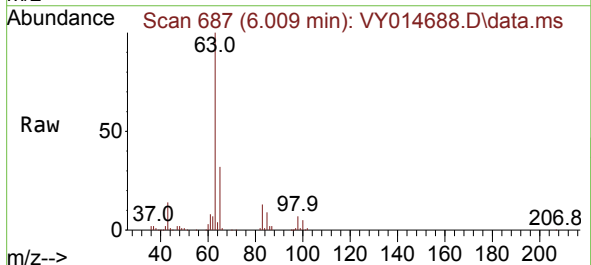
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

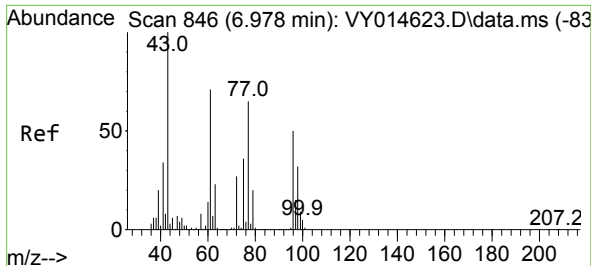
Tgt Ion: 43 Resp: 1395668
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.956 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

Tgt Ion: 63 Resp: 266315
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5

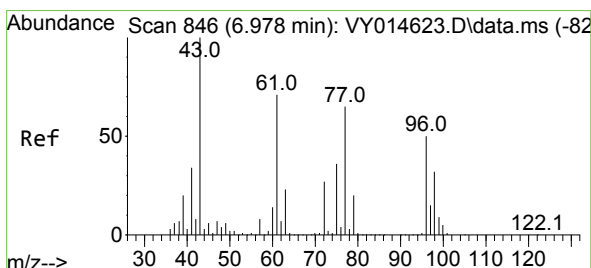
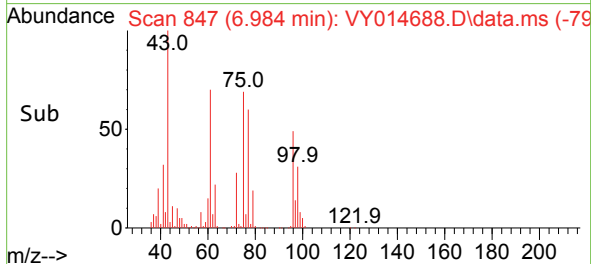
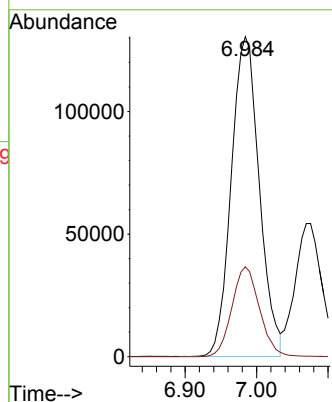
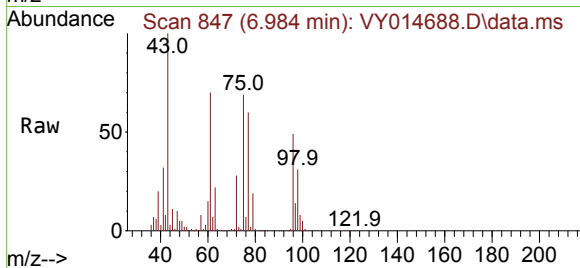




#25
2-Butanone
Concen: 266.547 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

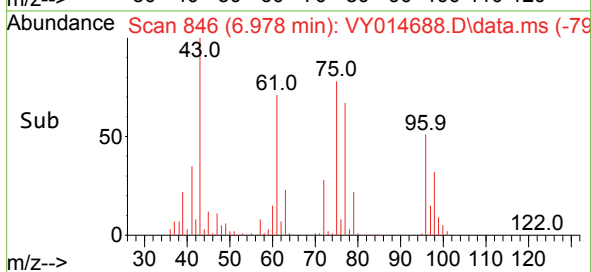
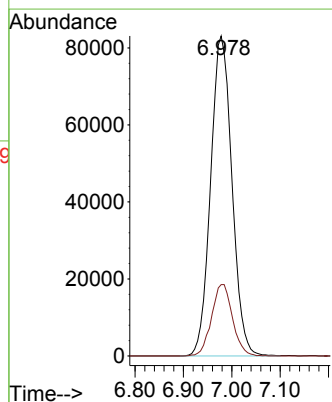
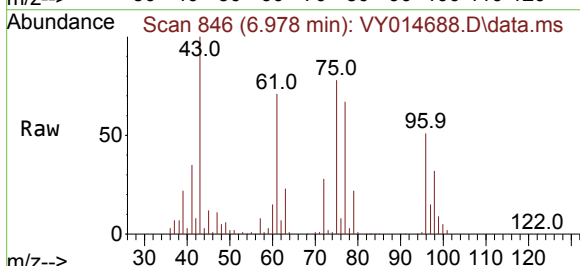
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

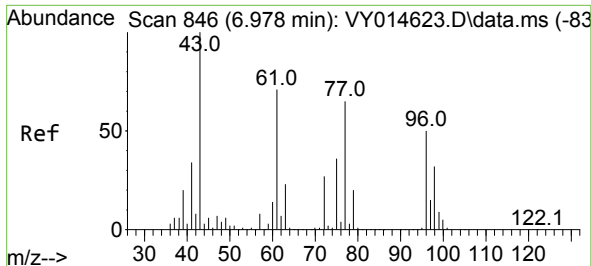
Tgt Ion: 43 Resp: 354863
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.092 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 77 Resp: 254479
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.994 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

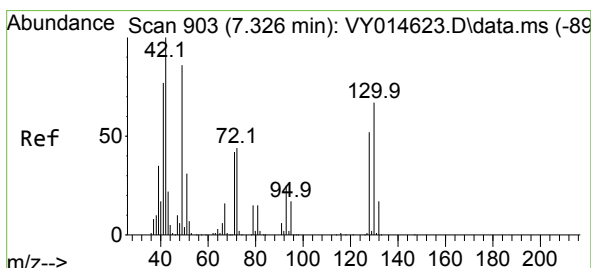
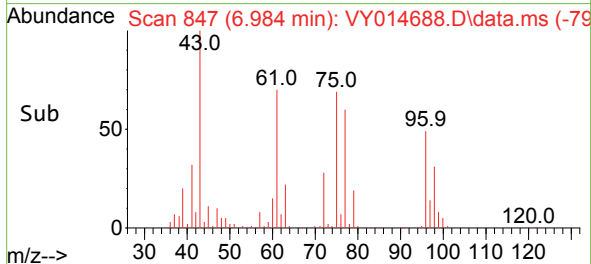
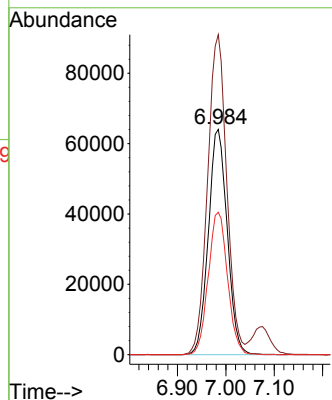
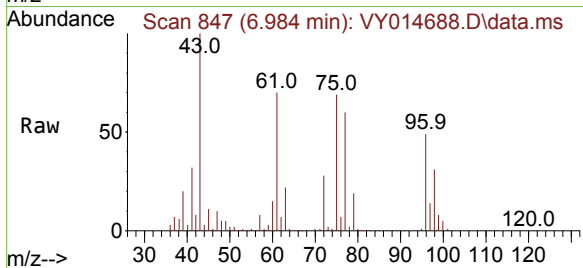
Tgt Ion: 96 Resp: 173720

Ion Ratio Lower Upper

96 100

61 144.2 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 52.340 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

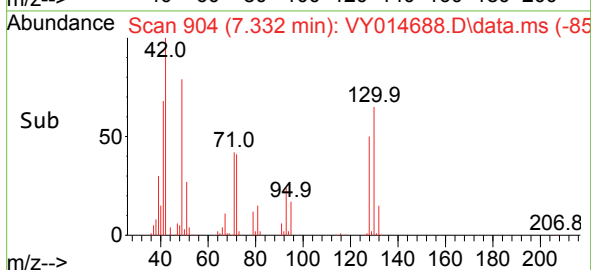
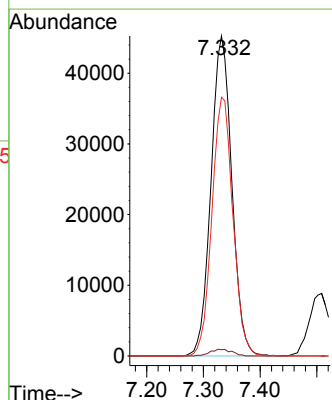
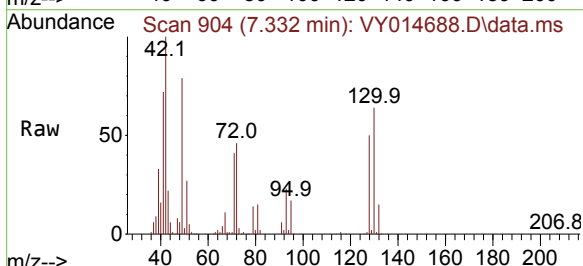
Tgt Ion: 49 Resp: 115544

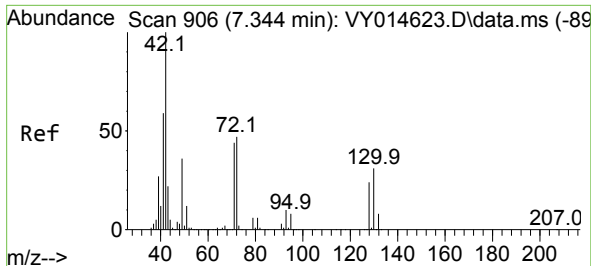
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 81.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 270.514 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

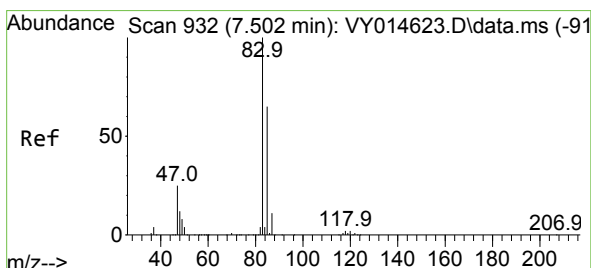
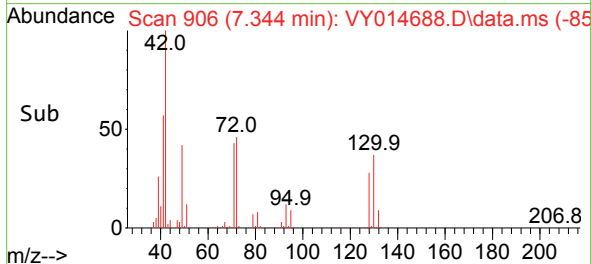
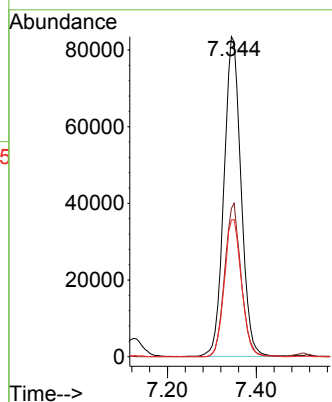
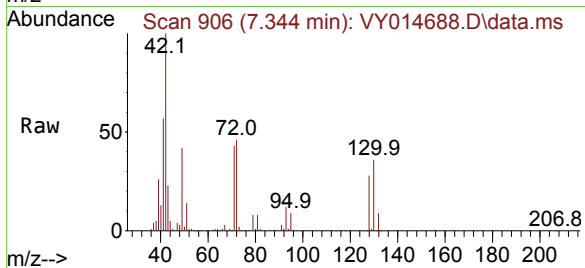
Tgt Ion: 42 Resp: 221761

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 52.695 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014688.D

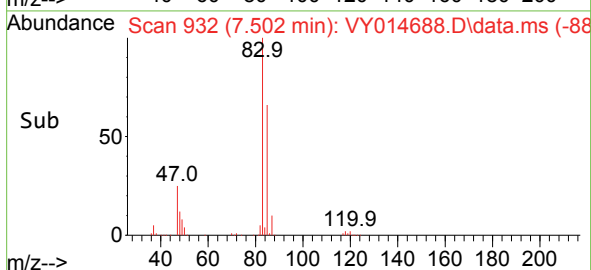
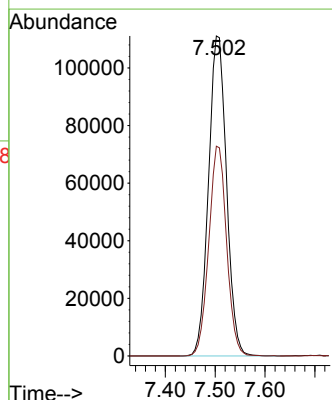
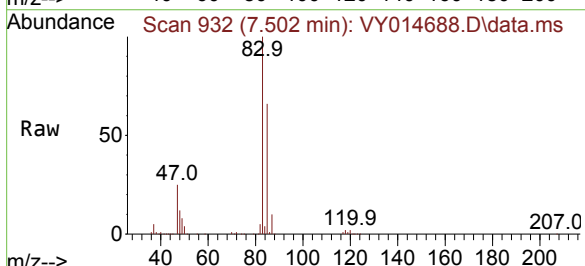
Acq: 18 Jul 2023 09:09

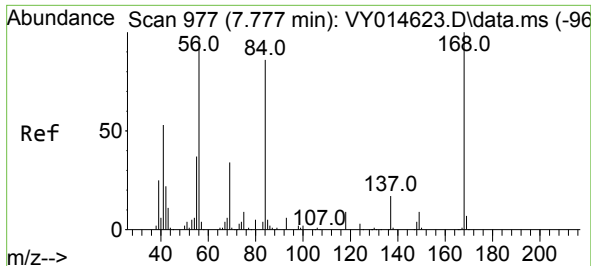
Tgt Ion: 83 Resp: 278533

Ion Ratio Lower Upper

83 100

85 65.6 49.7 74.5

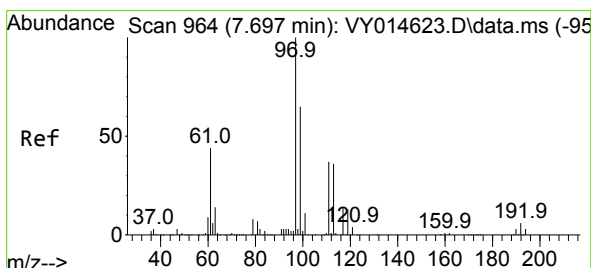
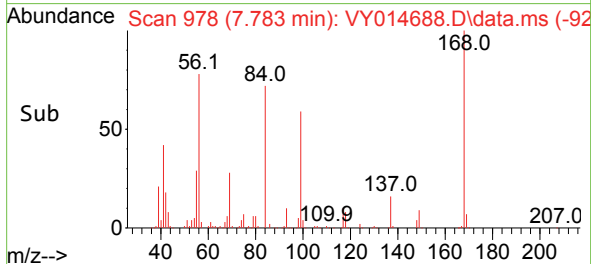
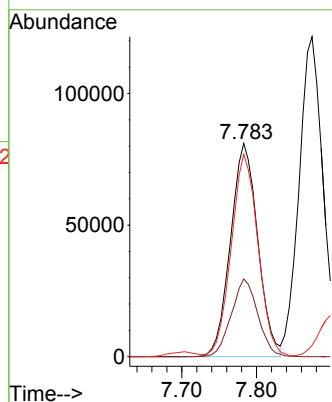
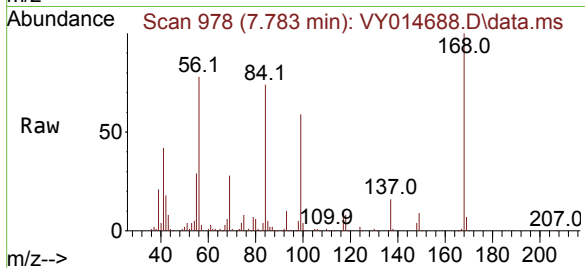




#31
Cyclohexane
Concen: 43.103 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

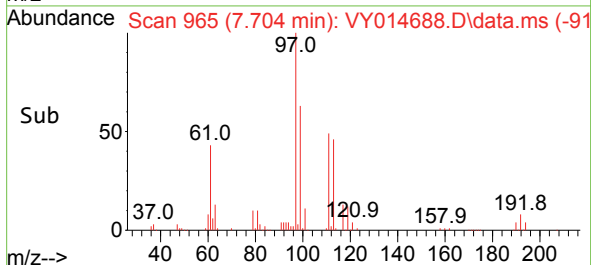
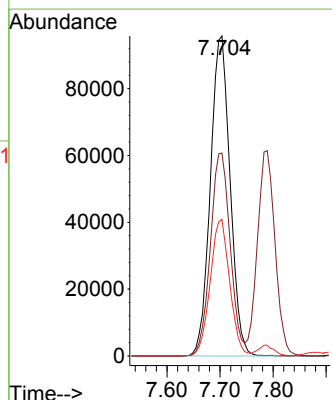
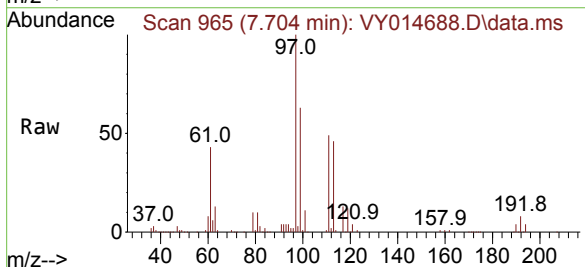
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

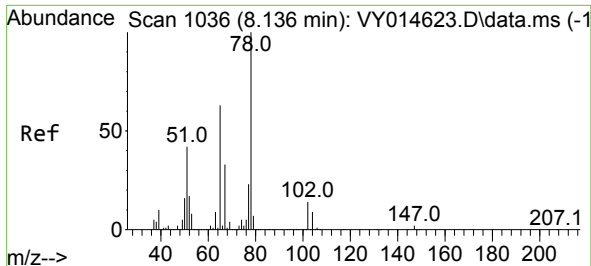
Tgt Ion: 56 Resp: 205474
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 92.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.907 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 97 Resp: 246934
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.3 35.1 52.7

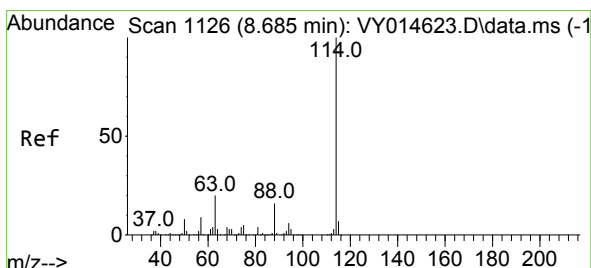
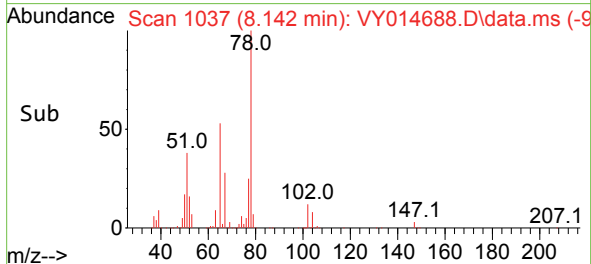
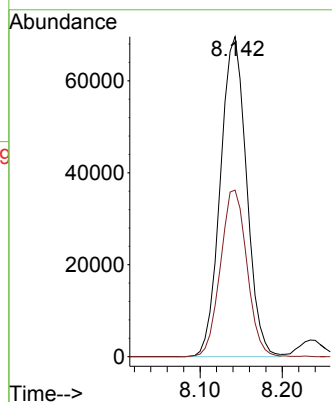
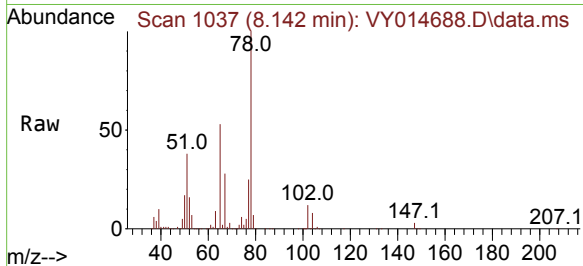




#33
1,2-Dichloroethane-d4
Concen: 53.655 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

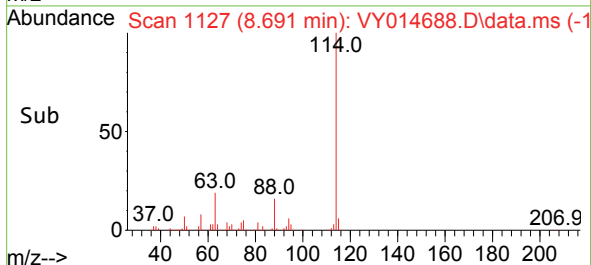
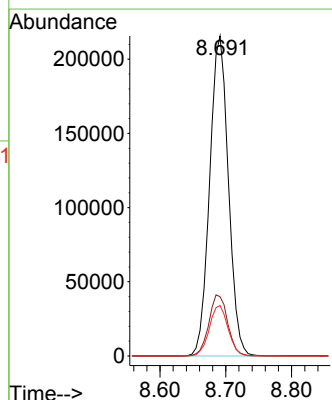
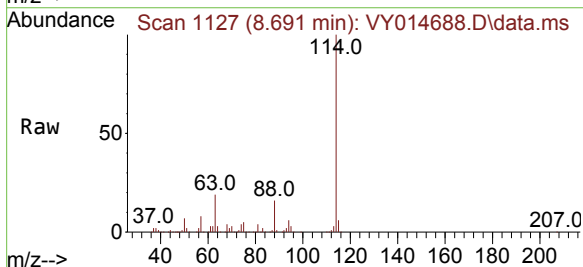
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

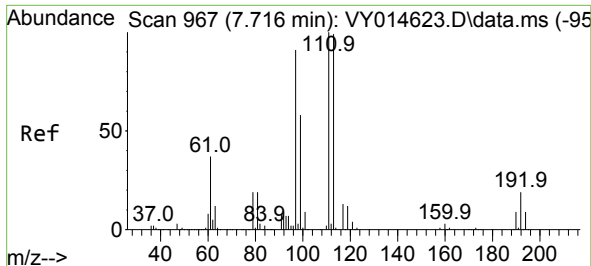
Tgt Ion: 65 Resp: 154081
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:114 Resp: 426709
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.8 0.0 30.6

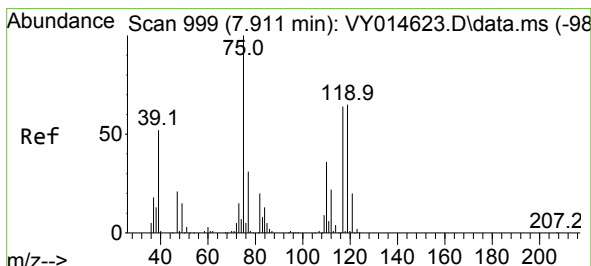
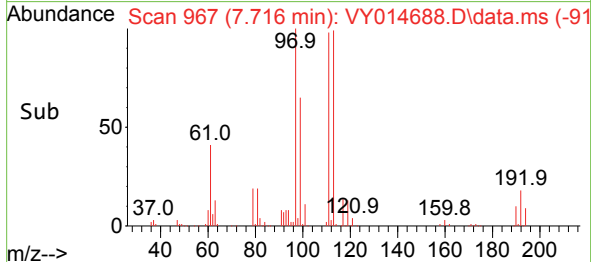
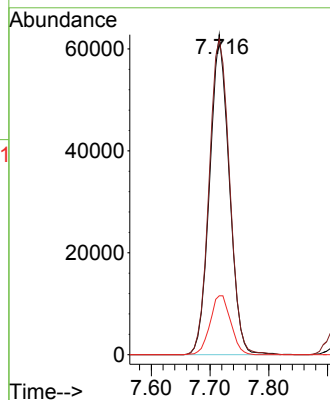
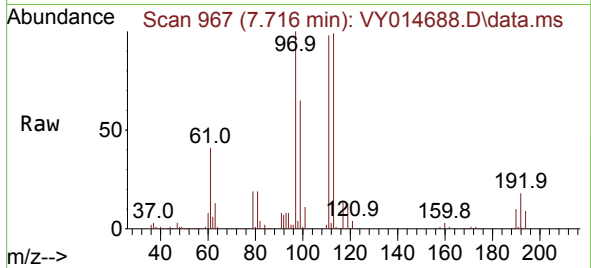




#35
Dibromofluoromethane
Concen: 53.414 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

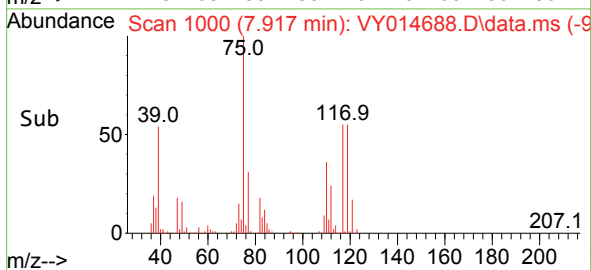
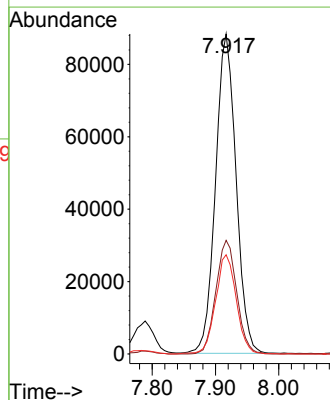
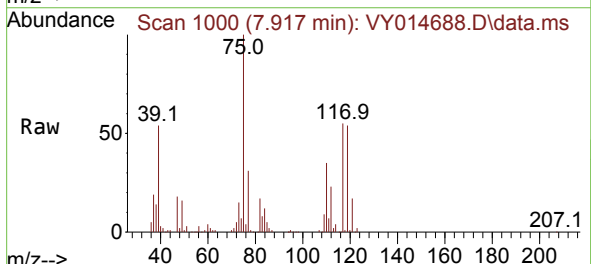
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

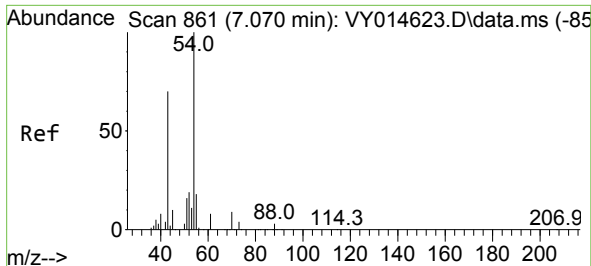
Tgt Ion:113 Resp: 145091
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.894 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 75 Resp: 198617
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 52.178 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

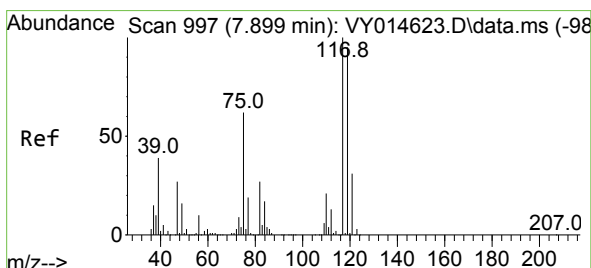
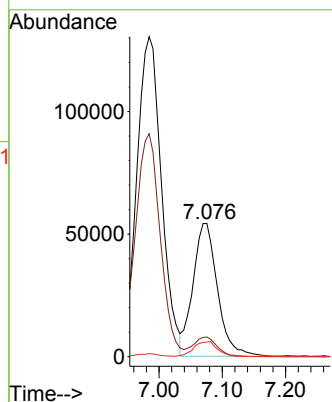
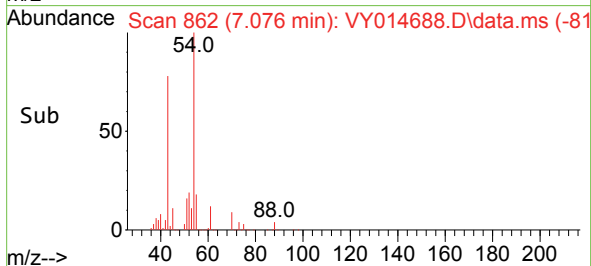
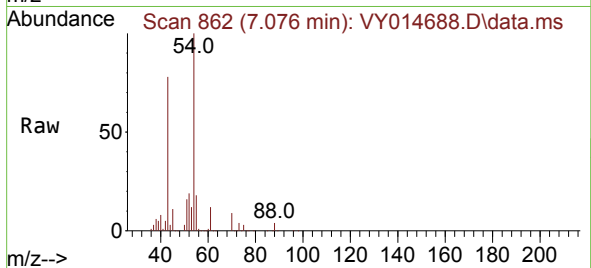
Tgt Ion: 43 Resp: 145932

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.029 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

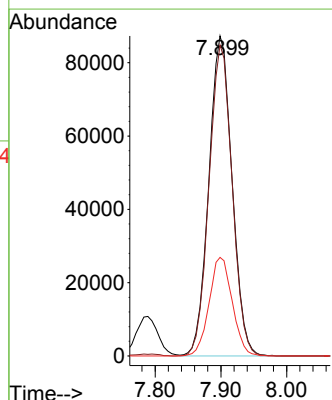
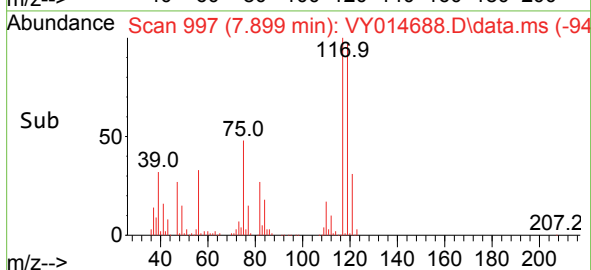
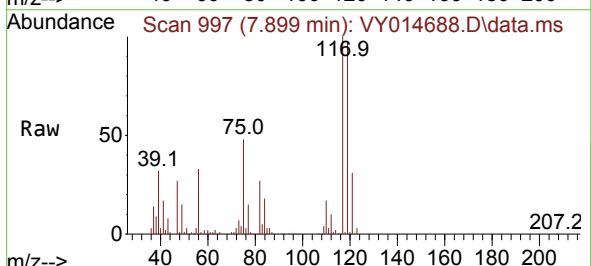
Tgt Ion: 117 Resp: 214830

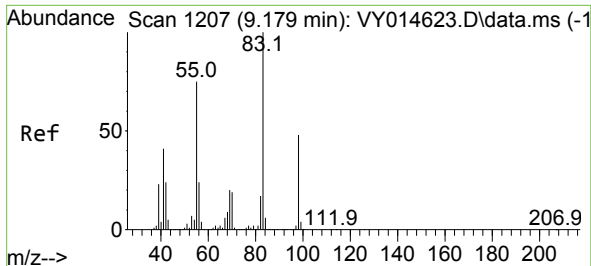
Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6

121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 44.379 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

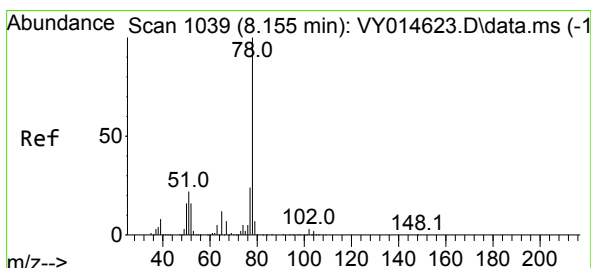
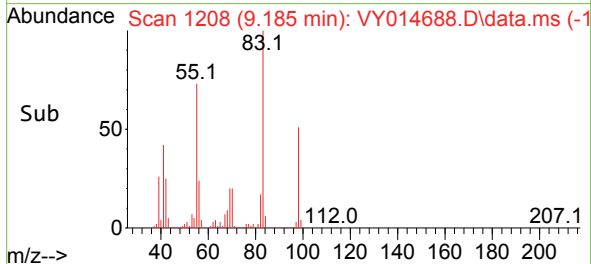
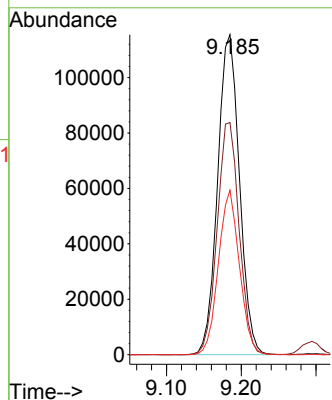
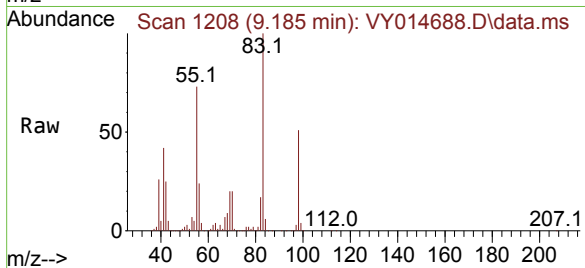
Tgt Ion: 83 Resp: 234863

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 51.4 37.4 56.2



#40

Benzene

Concen: 50.746 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014688.D

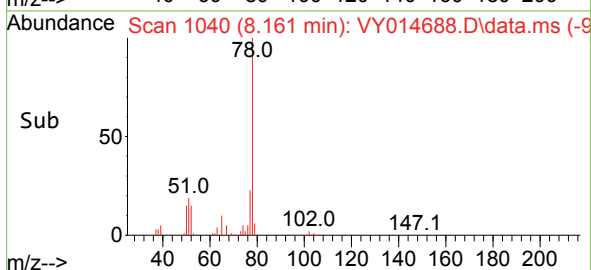
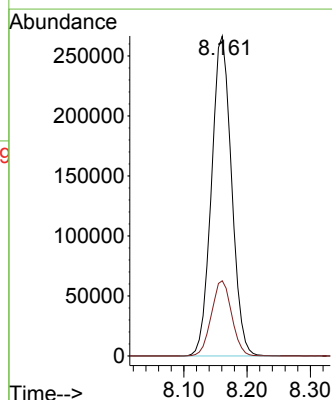
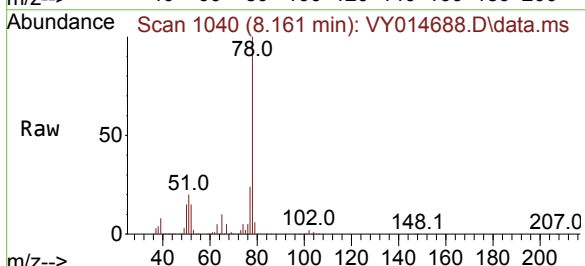
Acq: 18 Jul 2023 09:09

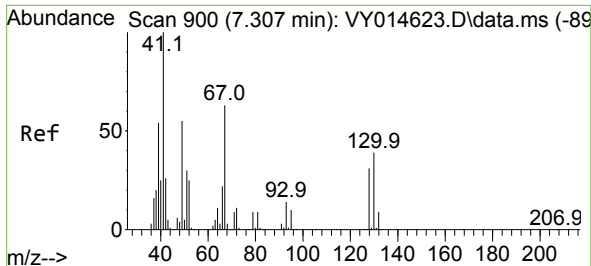
Tgt Ion: 78 Resp: 586267

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

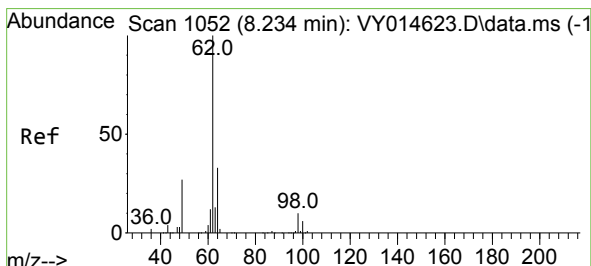
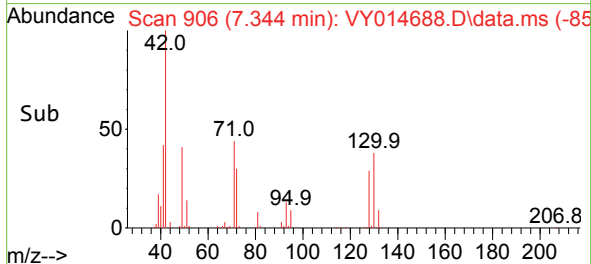
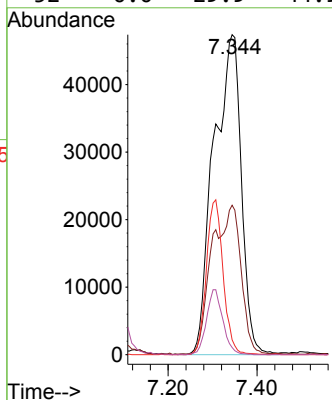
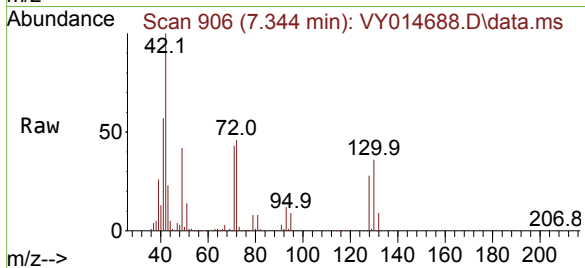




#41
Methacrylonitrile
Concen: 141.376 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

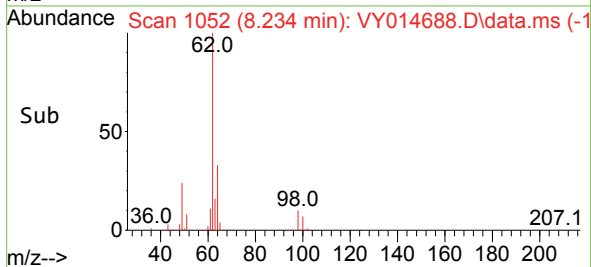
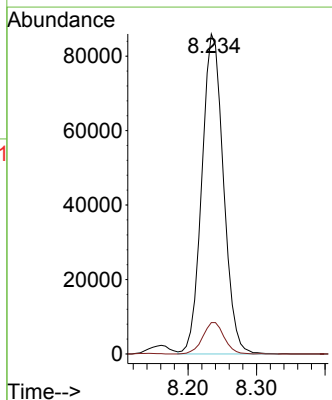
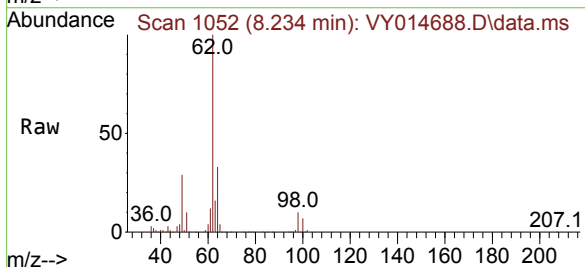
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

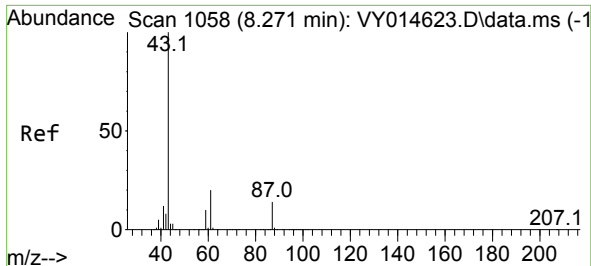
Tgt Ion: 41 Resp: 203377
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.599 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 62 Resp: 188777
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

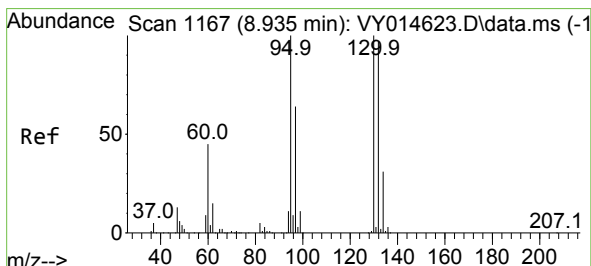
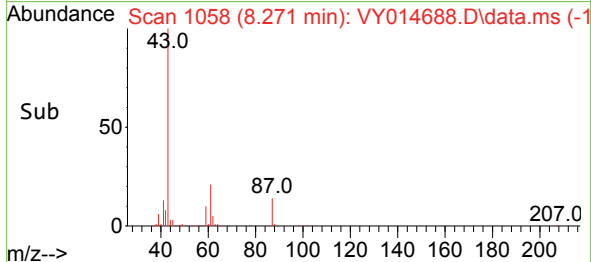
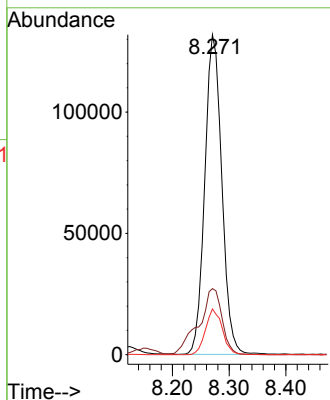
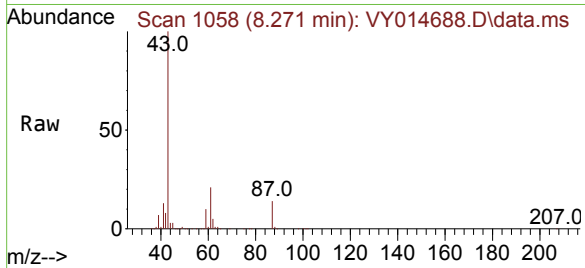




#43
Isopropyl Acetate
Concen: 51.677 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

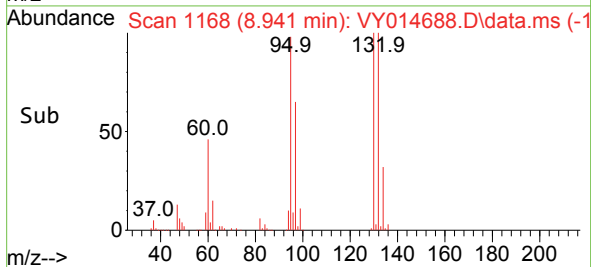
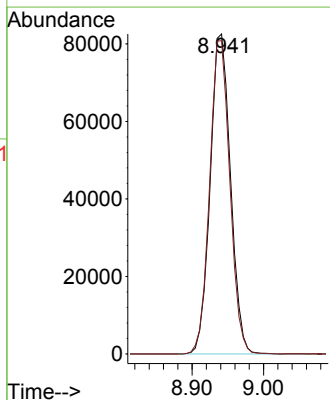
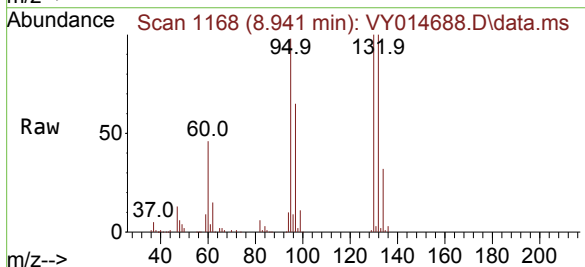
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

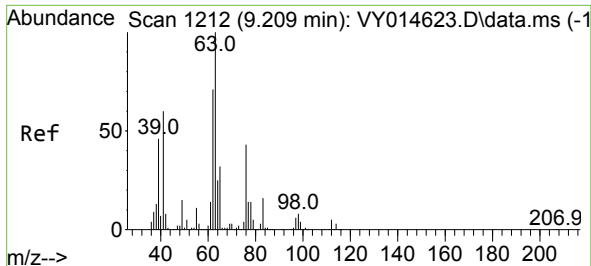
Tgt Ion:	43	Resp:	275316
Ion	Ratio	Lower	Upper
43	100		
61	28.3	21.1	31.7
87	14.1	9.8	14.8



#44
Trichloroethene
Concen: 50.326 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:	130	Resp:	162677
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	196.0





#45

1,2-Dichloropropane

Concen: 49.839 ug/l

RT: 9.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

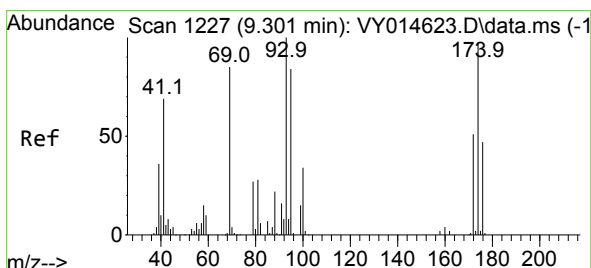
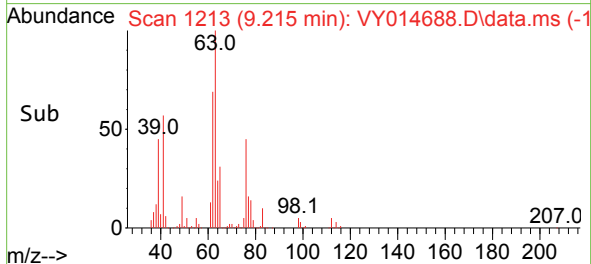
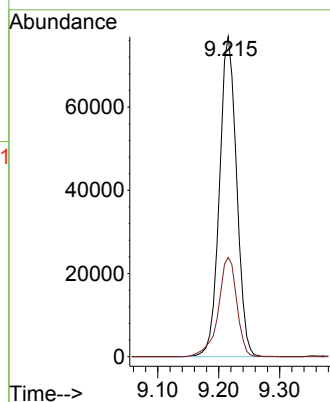
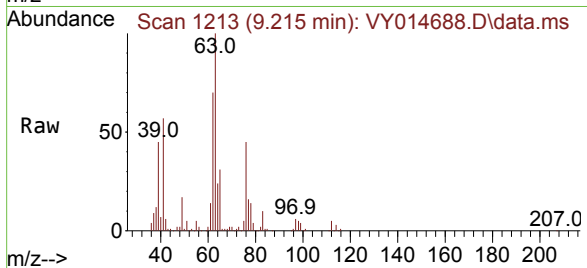
VSTDCCC050

Tgt Ion: 63 Resp: 150351

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 52.284 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

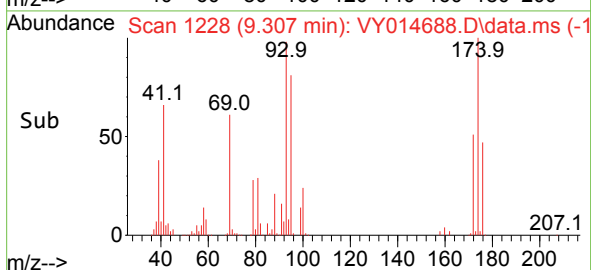
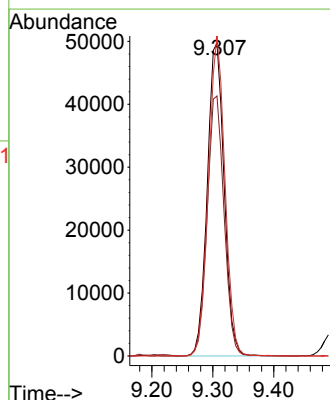
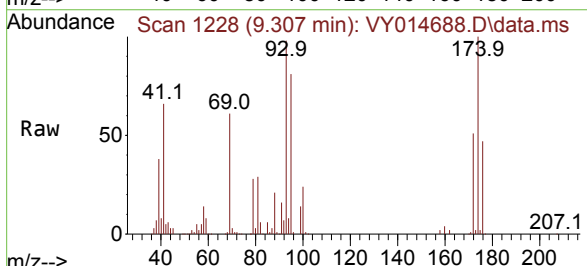
Tgt Ion: 93 Resp: 95687

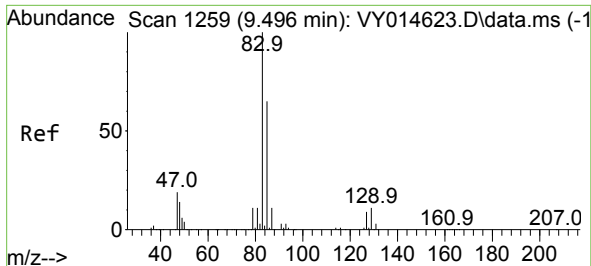
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 99.1 84.8 127.2

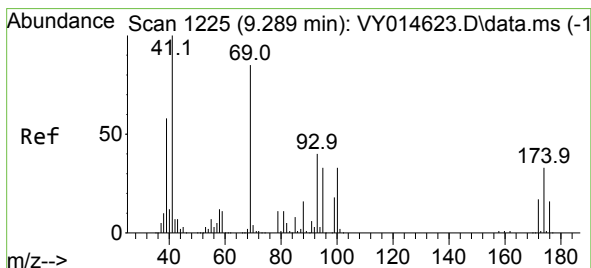
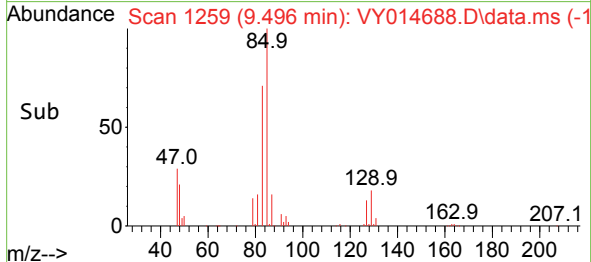
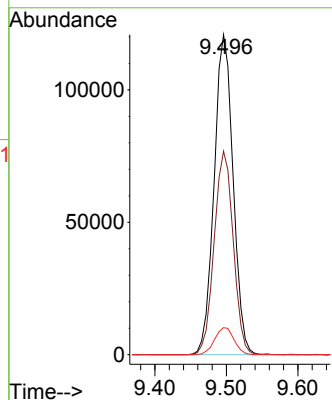
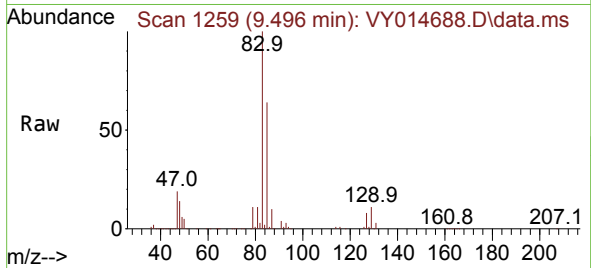




#47
Bromodichloromethane
Concen: 51.683 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

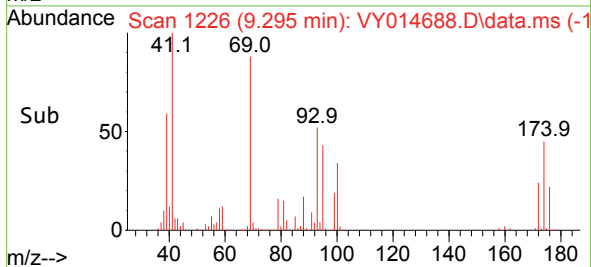
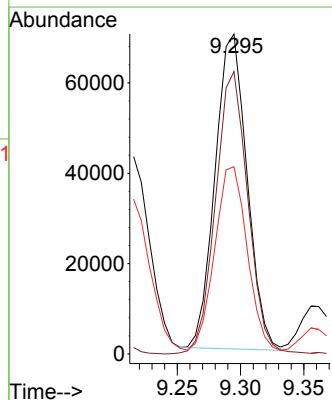
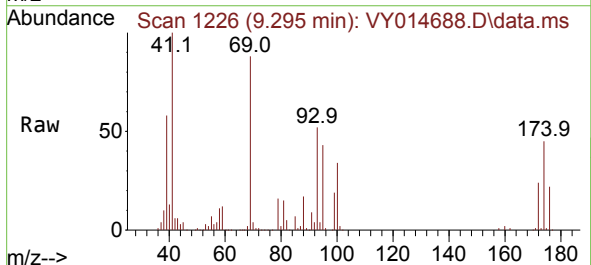
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

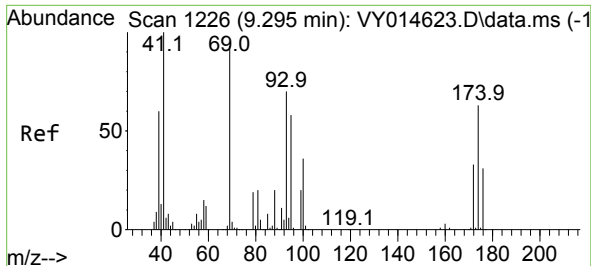
Tgt Ion: 83 Resp: 222928
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 51.015 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 41 Resp: 122299
Ion Ratio Lower Upper
41 100
69 90.9 64.5 96.7
39 61.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1045.582 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

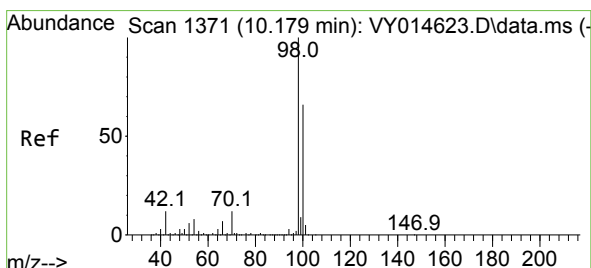
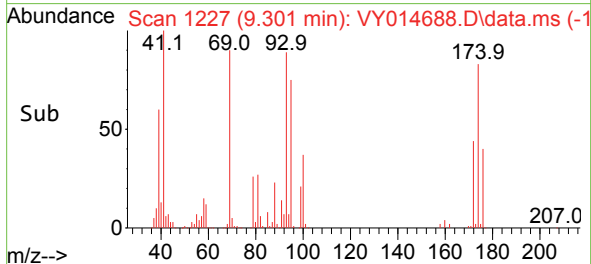
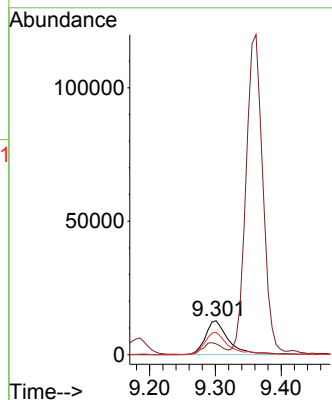
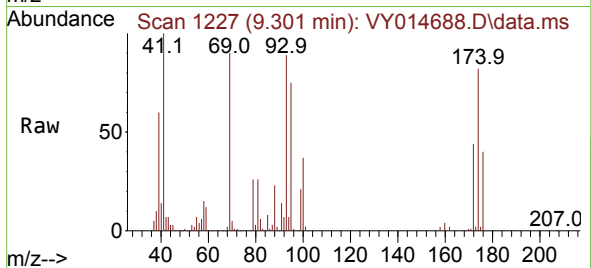
Tgt Ion: 88 Resp: 31202

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 69.0 30.9 46.3#



#50

Toluene-d8

Concen: 52.176 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014688.D

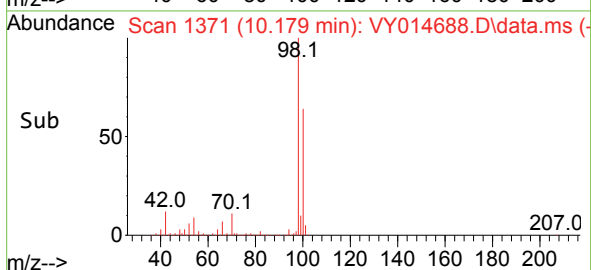
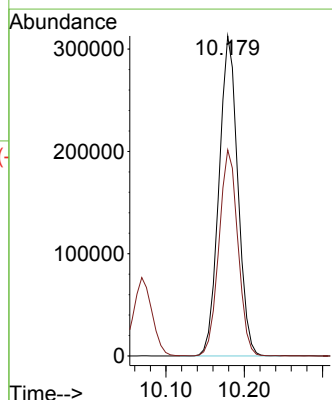
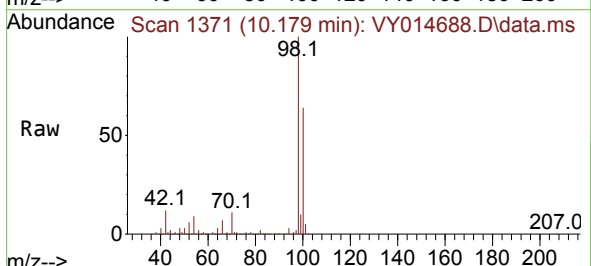
Acq: 18 Jul 2023 09:09

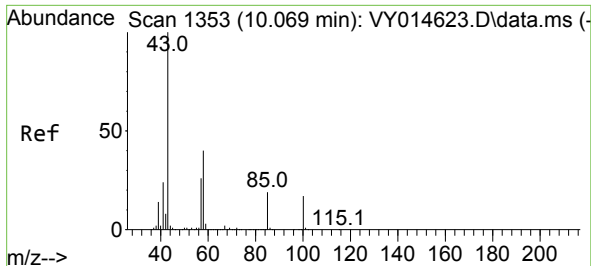
Tgt Ion: 98 Resp: 522514

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

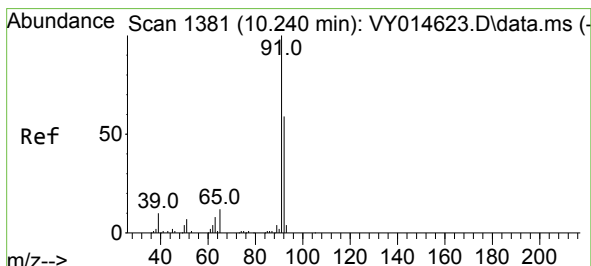
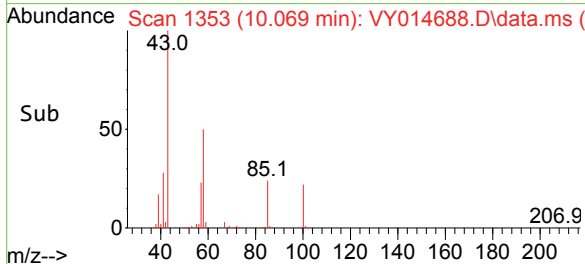
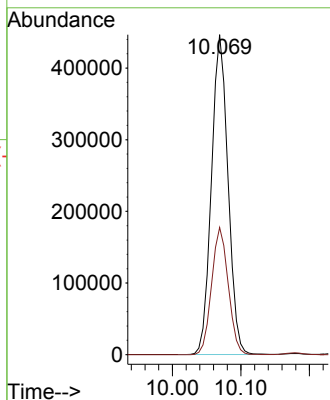
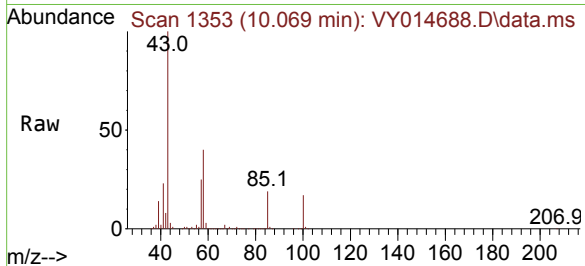




#51
4-Methyl-2-Pentanone
Concen: 268.206 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

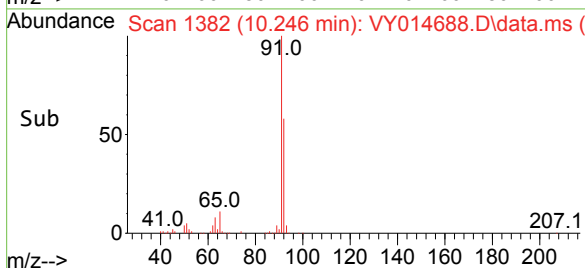
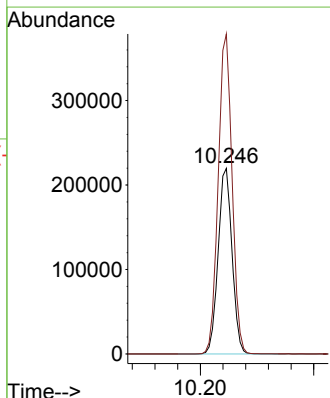
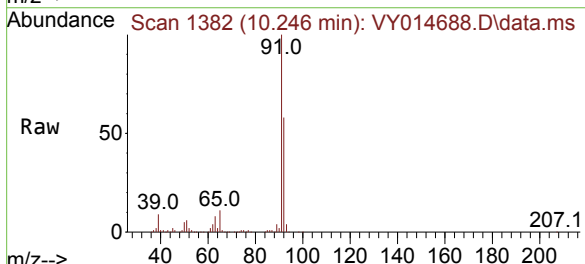
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

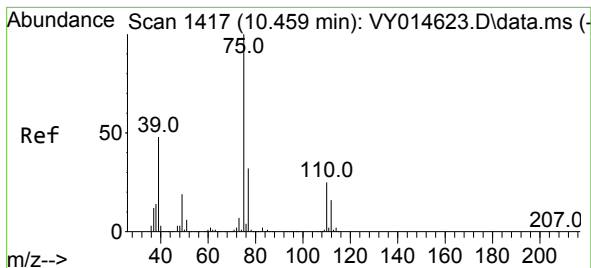
Tgt Ion: 43 Resp: 750241
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 50.612 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 92 Resp: 374163
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

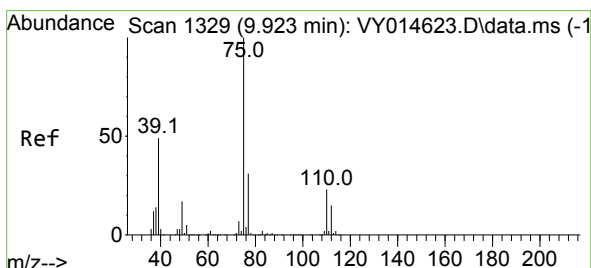
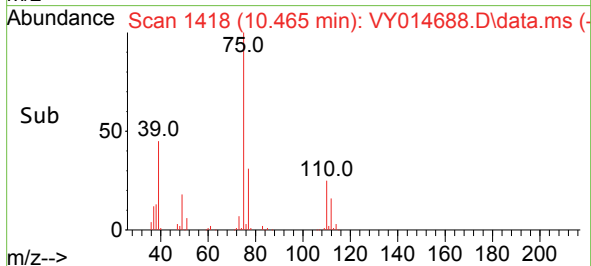
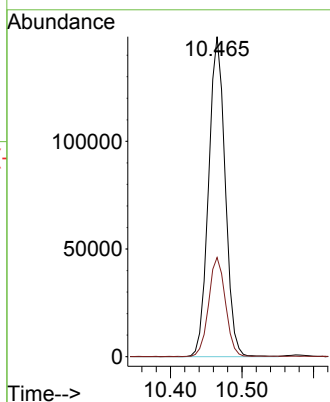
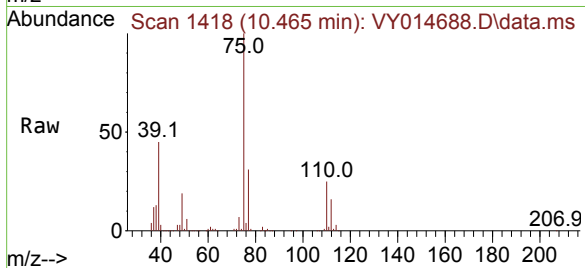




#53
 t-1,3-Dichloropropene
 Concen: 50.705 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

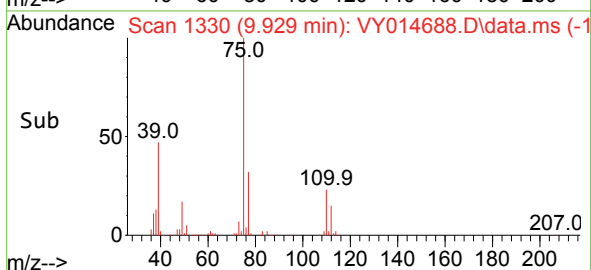
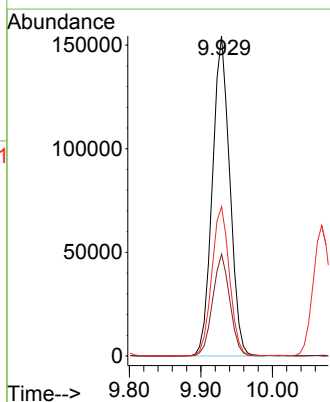
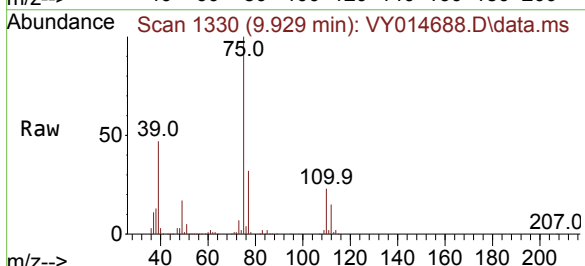
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

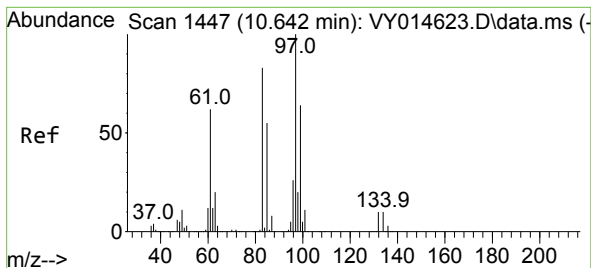
Tgt Ion: 75 Resp: 239234
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.871 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014688.D
 Acq: 18 Jul 2023 09:09

Tgt Ion: 75 Resp: 261010
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 46.6 42.2 63.4

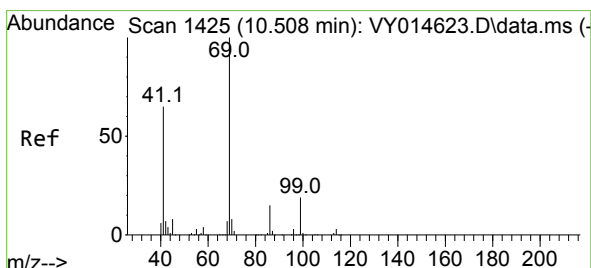
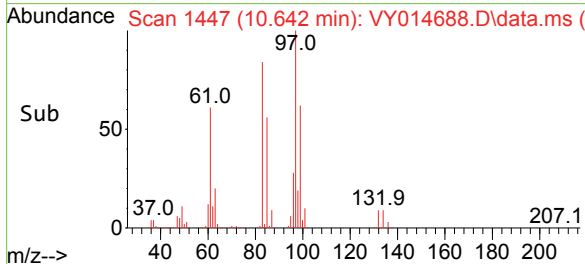
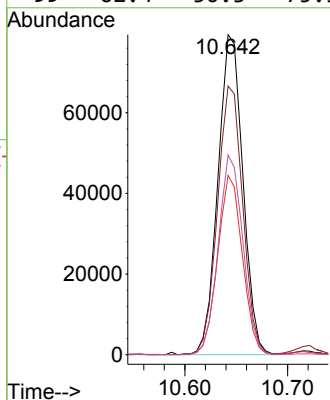
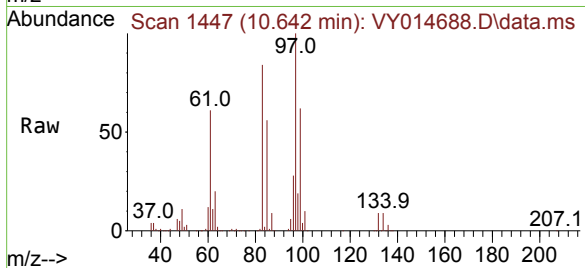




#55
1,1,2-Trichloroethane
Concen: 52.529 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

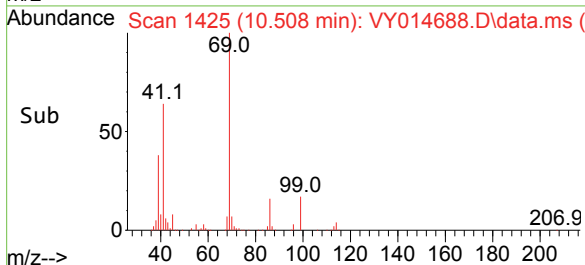
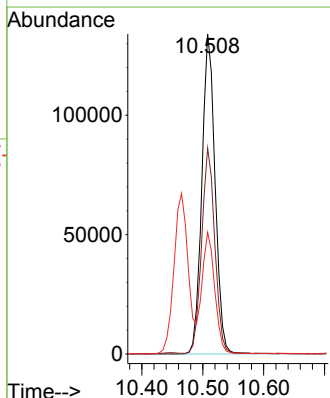
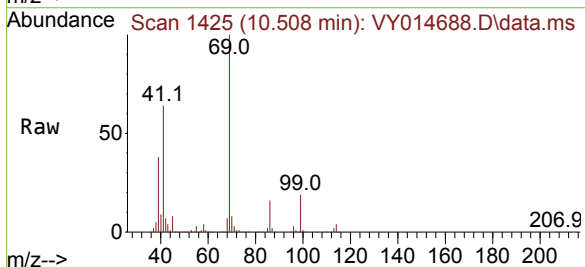
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

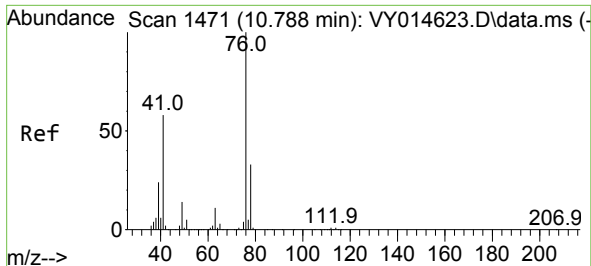
Tgt Ion:	97	Resp:	133912
Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	55.9	45.4	68.0
99	62.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 52.081 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:	69	Resp:	202716
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.6	86.4
39	36.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

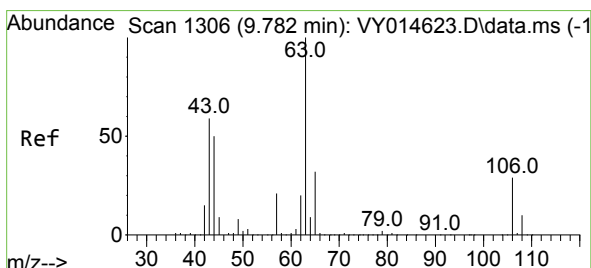
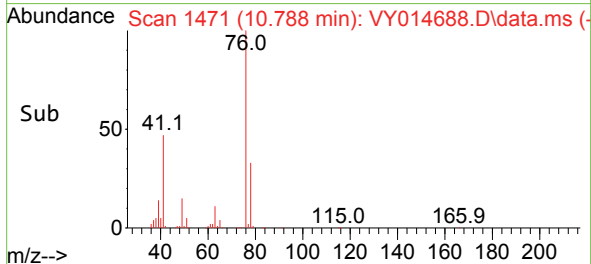
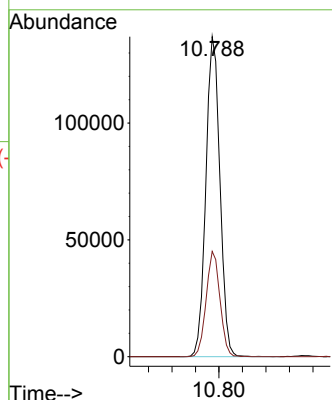
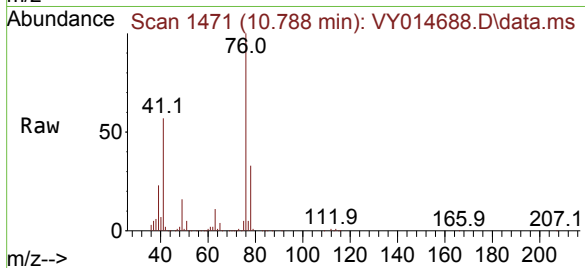
VSTDCCC050

Tgt Ion: 76 Resp: 227672

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.403 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014688.D

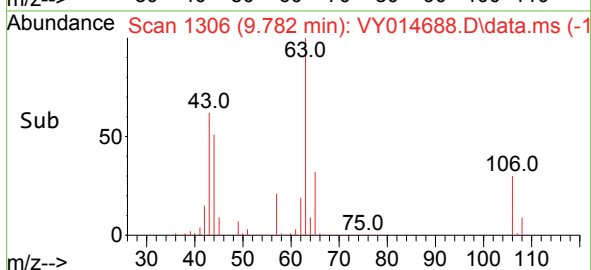
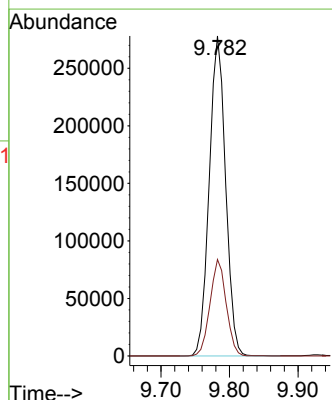
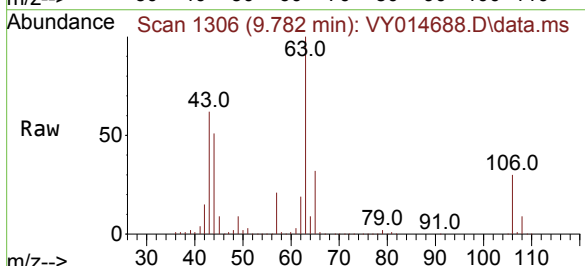
Acq: 18 Jul 2023 09:09

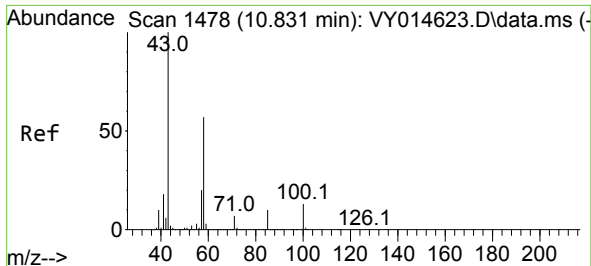
Tgt Ion: 63 Resp: 461389

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

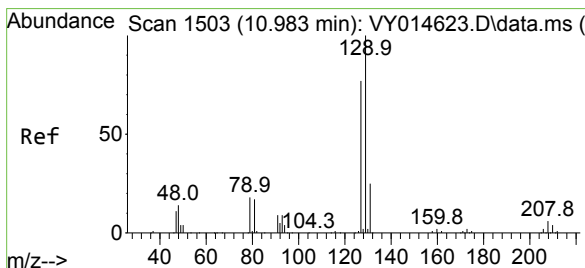
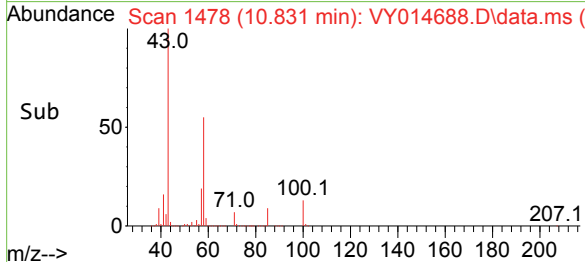
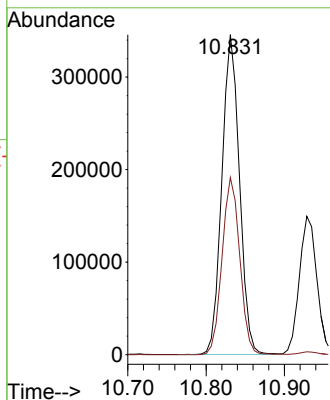
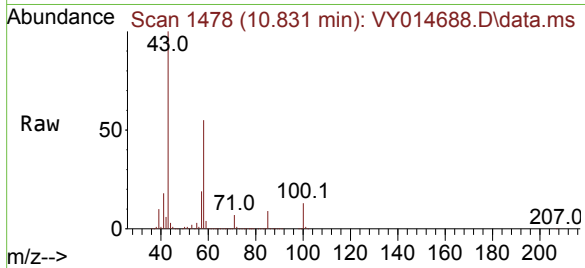




#59
2-Hexanone
Concen: 264.855 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

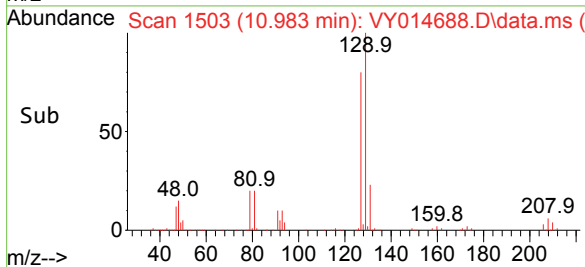
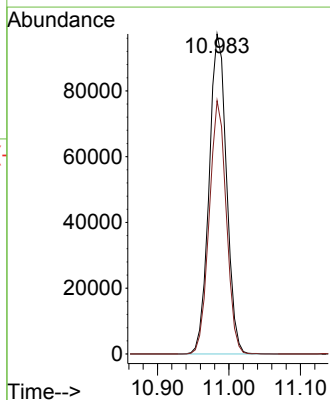
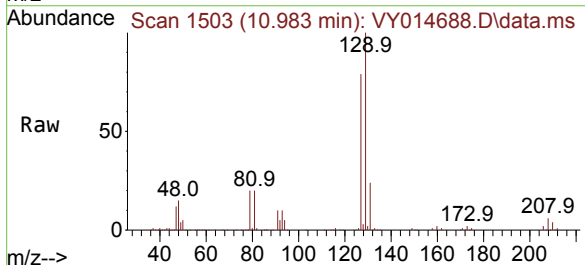
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

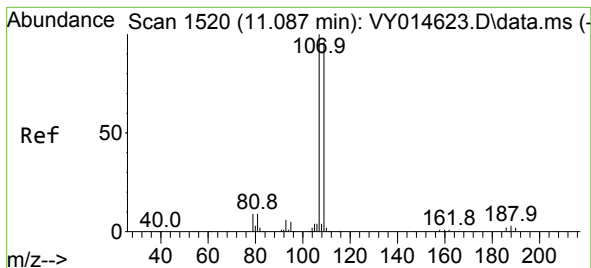
Tgt Ion: 43 Resp: 540280
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 52.607 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 129 Resp: 164429
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

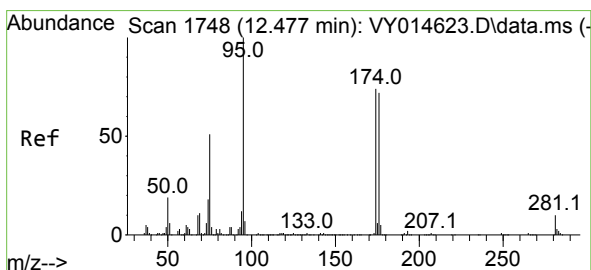
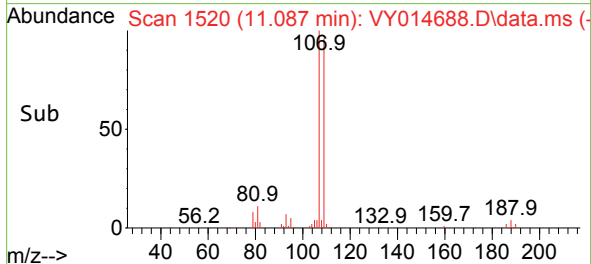
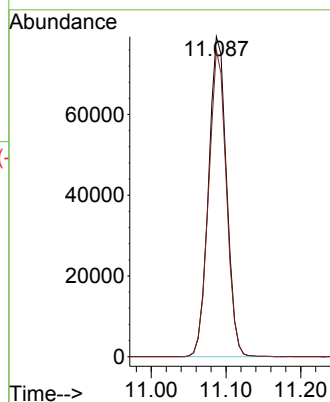
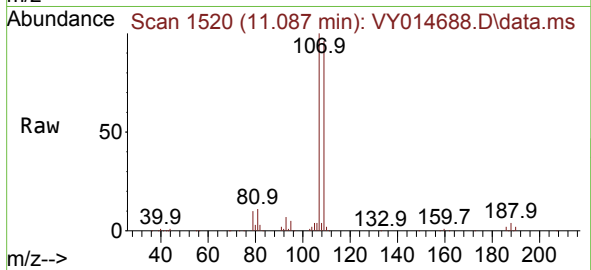




#61
1,2-Dibromoethane
Concen: 51.949 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

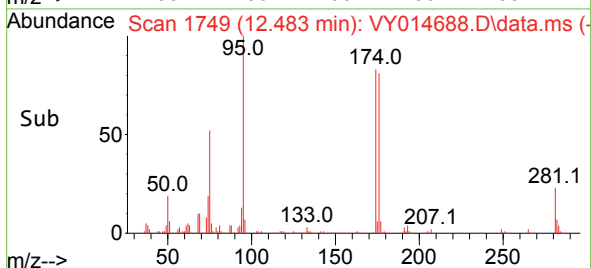
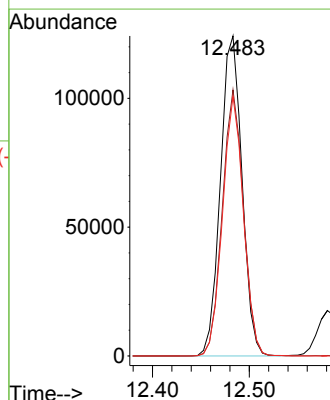
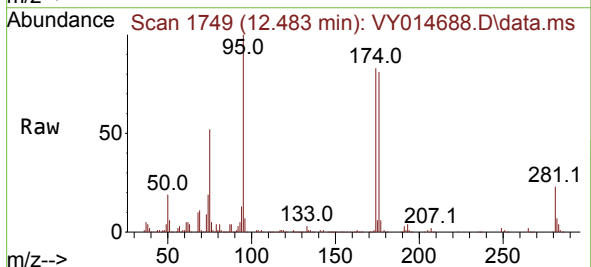
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

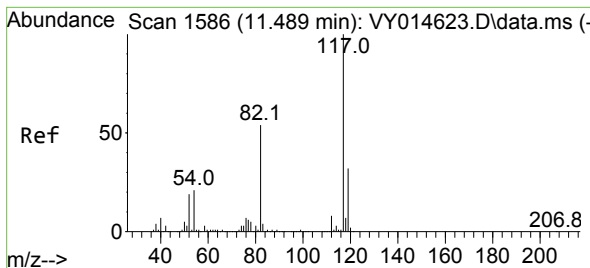
Tgt Ion:107 Resp: 132115
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 95 Resp: 192101
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 78.7 0.0 173.8

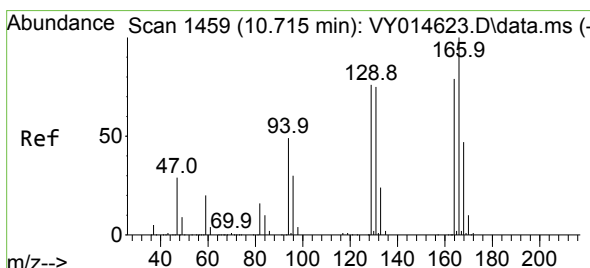
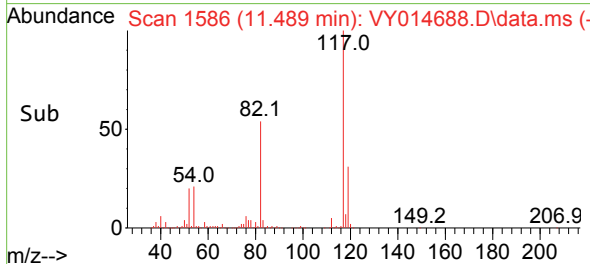
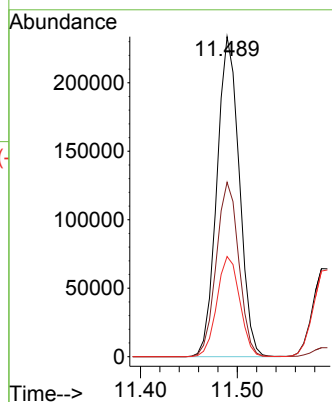
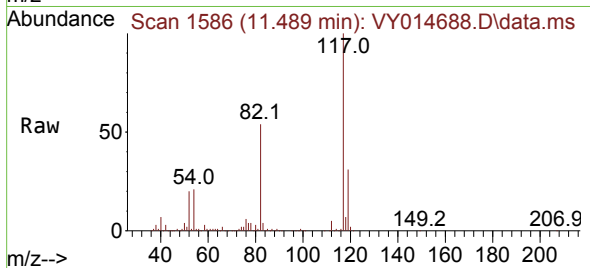




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

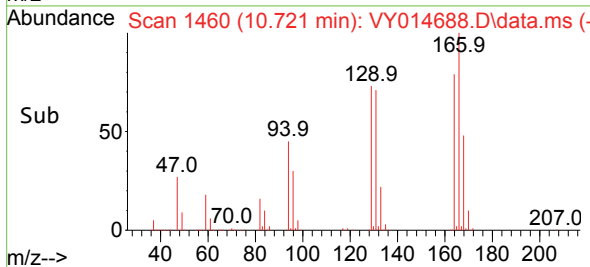
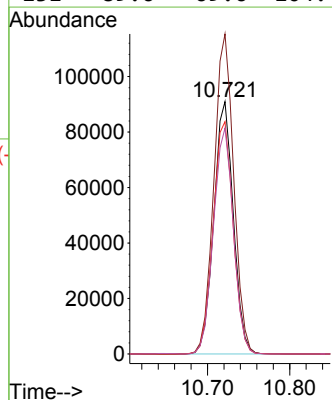
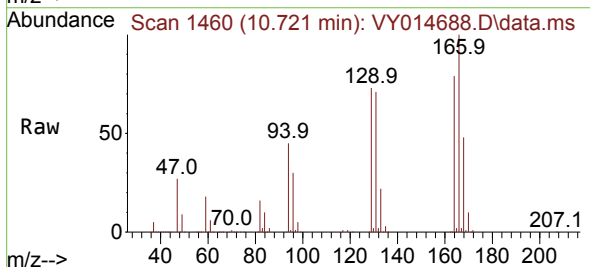
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

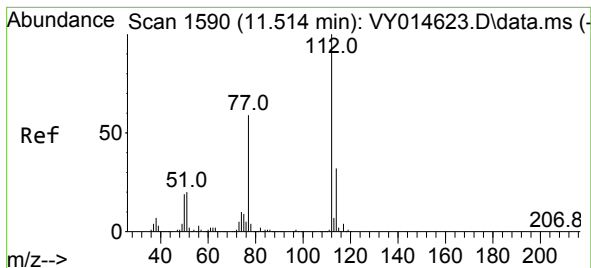
Tgt Ion:117 Resp: 374816
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 49.714 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:164 Resp: 149864
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 92.1 77.2 115.8
131 89.6 69.6 104.4





#65

Chlorobenzene

Concen: 51.122 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

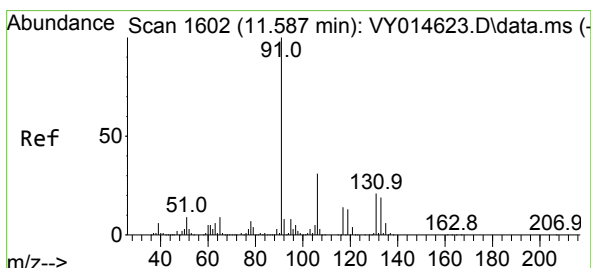
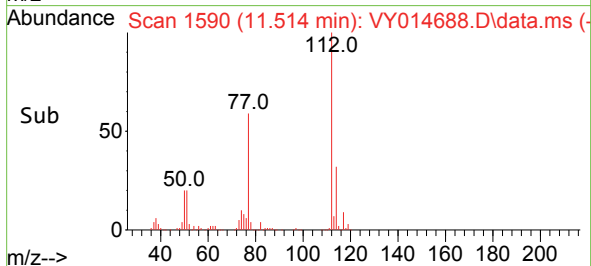
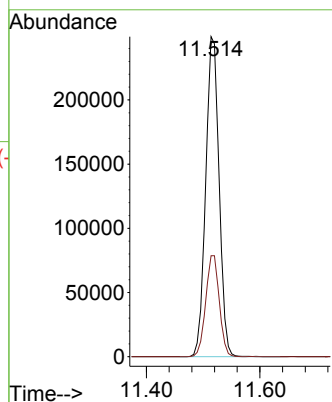
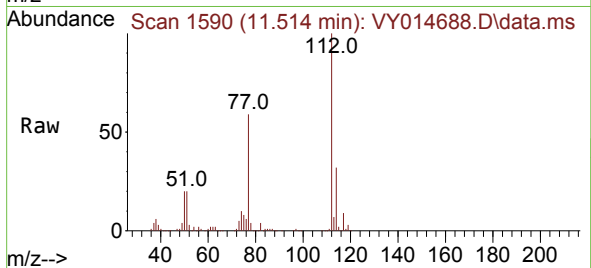
VSTDCCC050

Tgt Ion:112 Resp: 408322

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.018 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

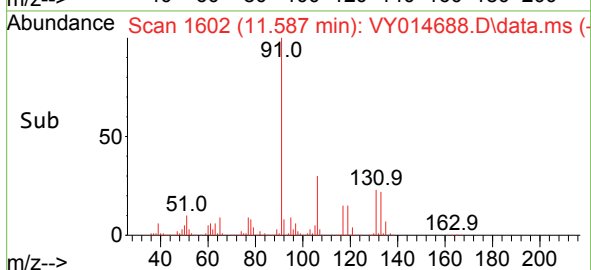
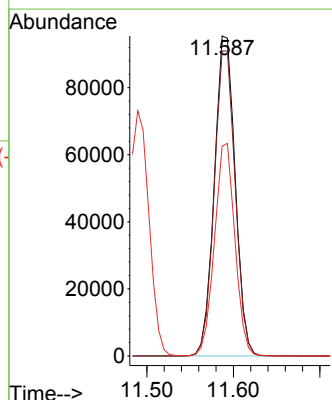
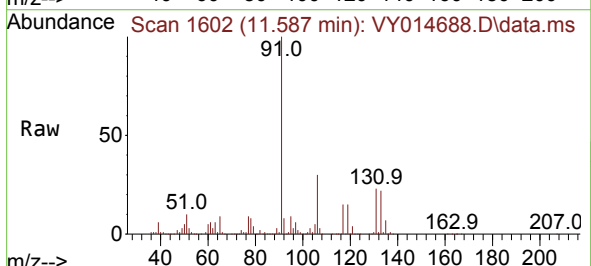
Tgt Ion:131 Resp: 159665

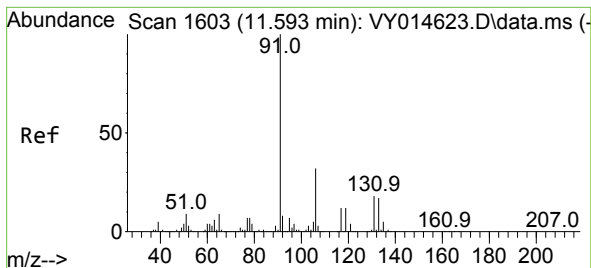
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 50.969 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

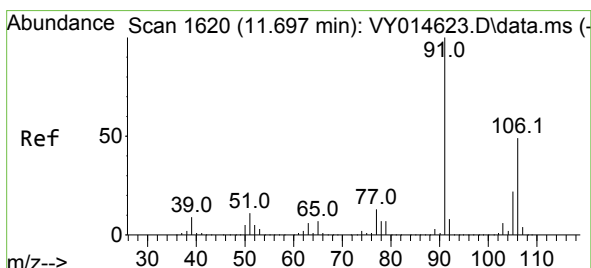
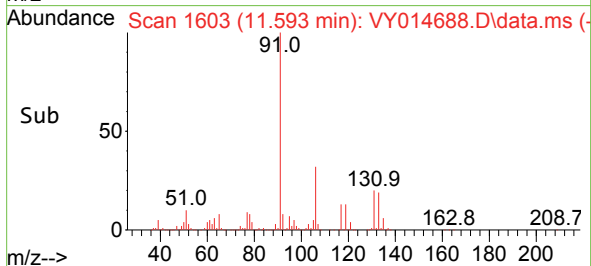
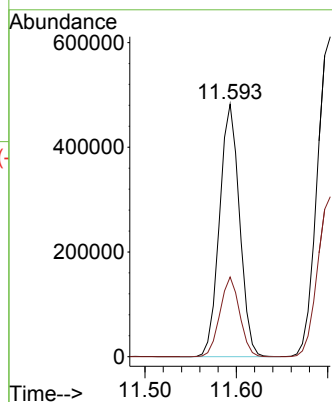
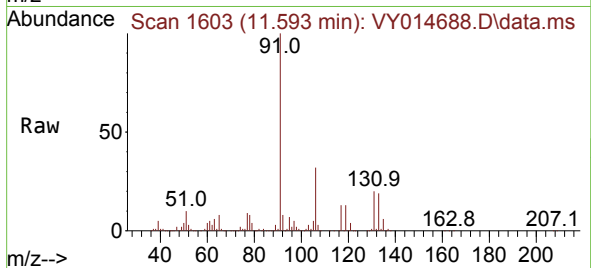
VSTDCCC050

Tgt Ion: 91 Resp: 735031

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 101.410 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014688.D

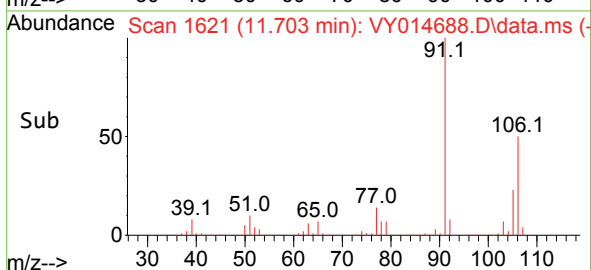
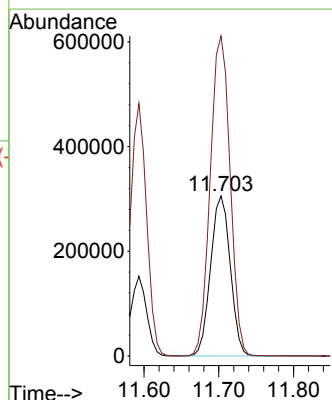
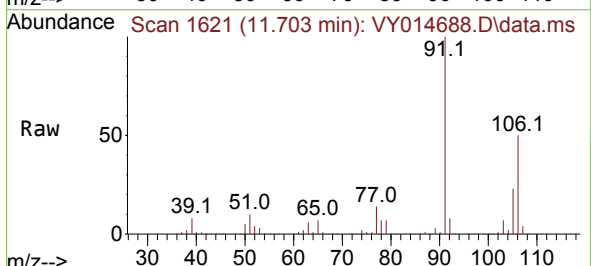
Acq: 18 Jul 2023 09:09

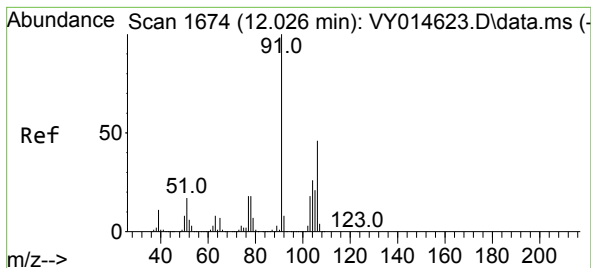
Tgt Ion:106 Resp: 558249

Ion Ratio Lower Upper

106 100

91 202.6 166.1 249.1





#69

o-Xylene

Concen: 51.115 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

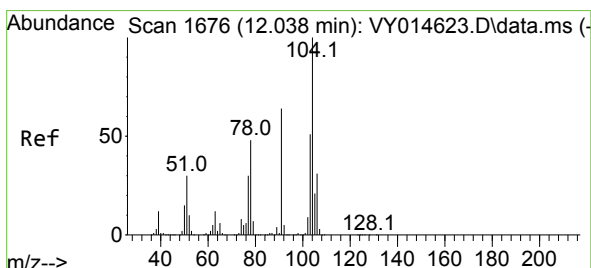
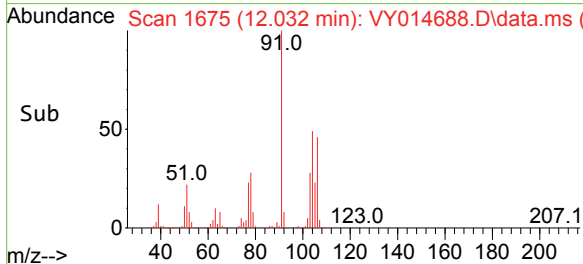
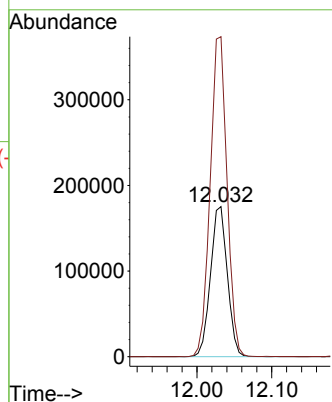
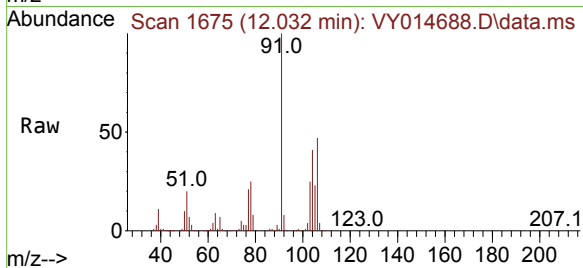
VSTDCCC050

Tgt Ion:106 Resp: 274069

Ion Ratio Lower Upper

106 100

91 213.2 108.1 324.3



#70

Styrene

Concen: 51.603 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

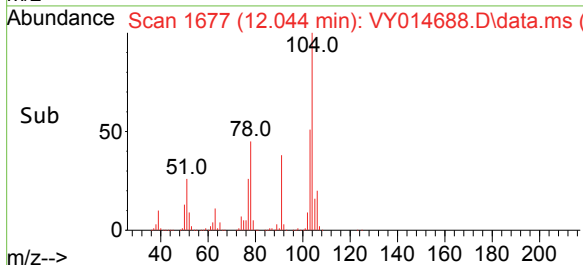
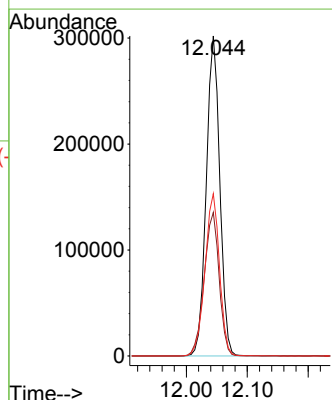
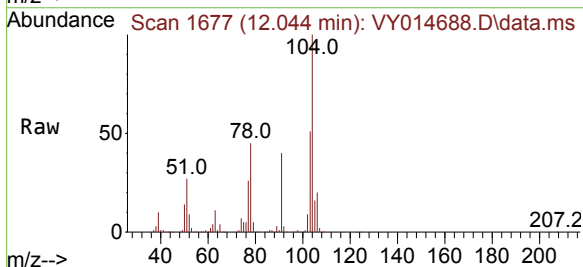
Tgt Ion:104 Resp: 466334

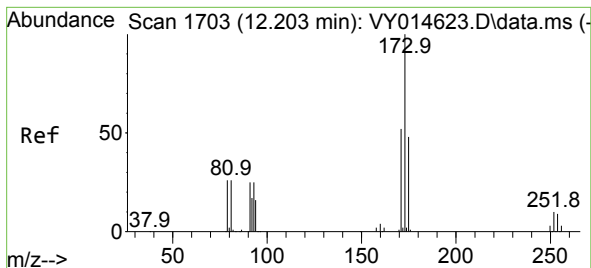
Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 54.289 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

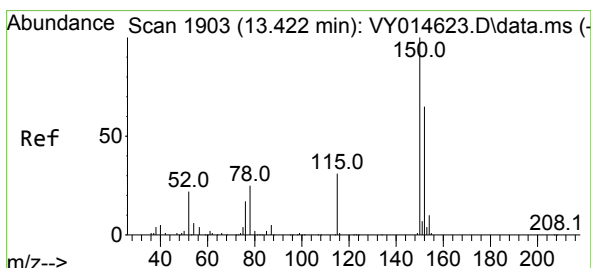
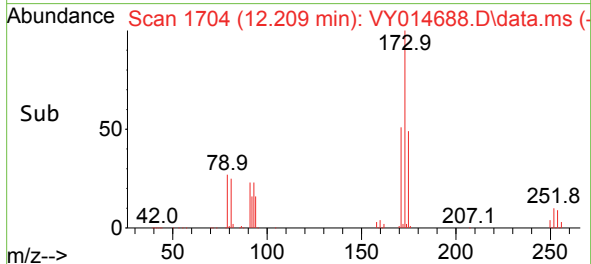
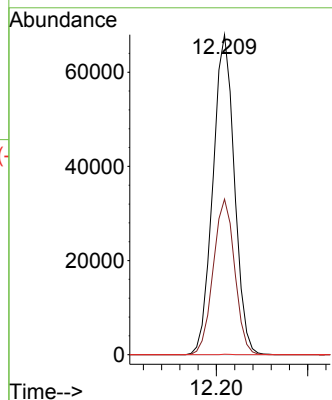
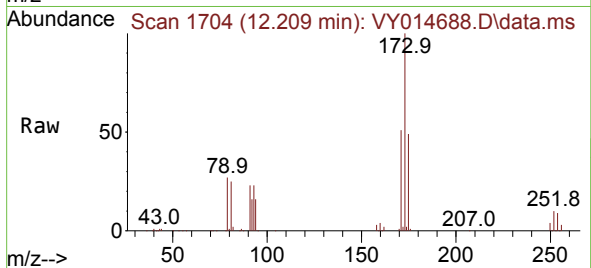
Tgt Ion:173 Resp: 110821

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

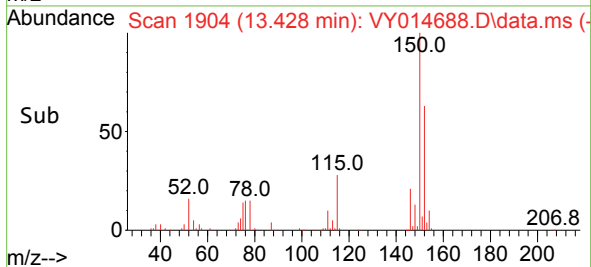
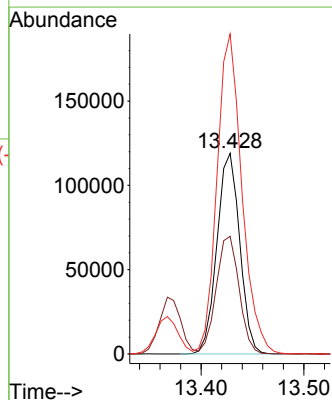
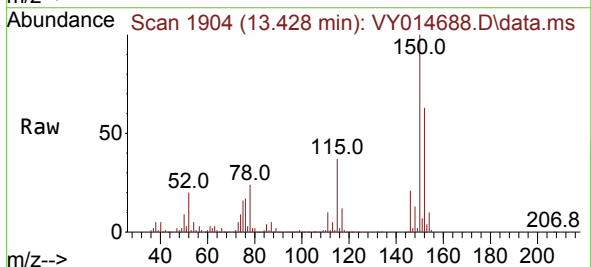
Tgt Ion:152 Resp: 183118

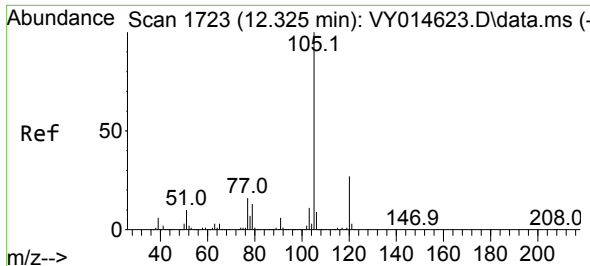
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 174.3 0.0 348.8

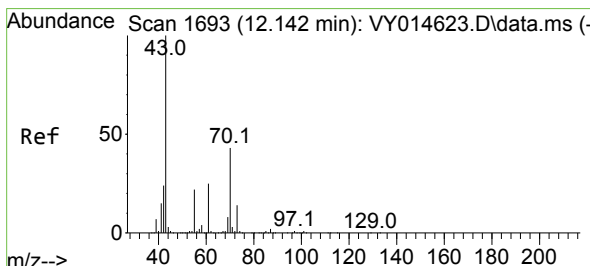
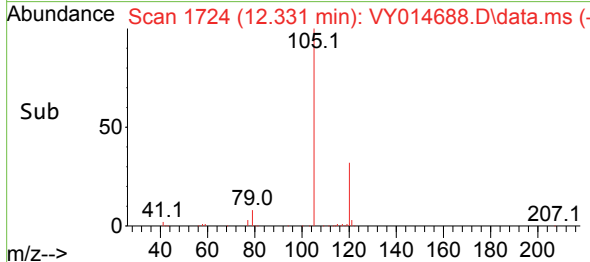
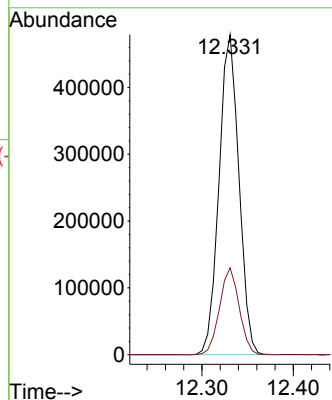
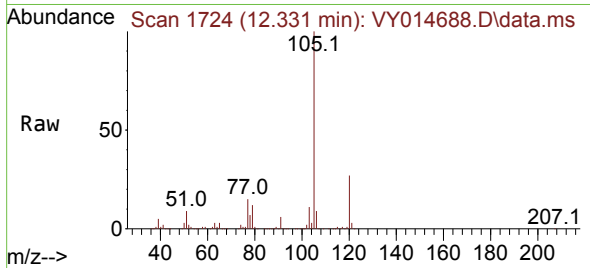




#73
Isopropylbenzene
Concen: 50.566 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

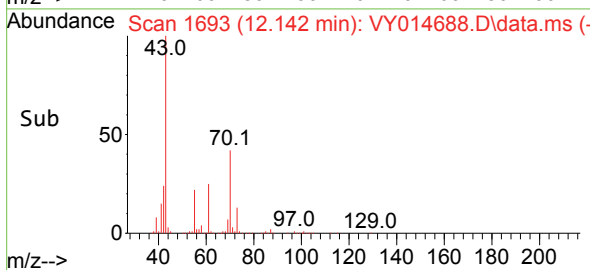
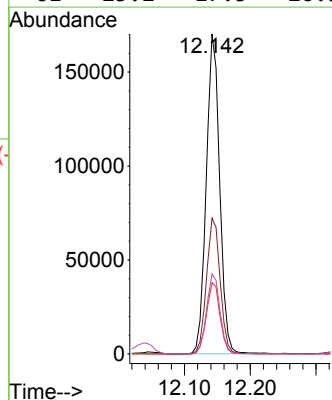
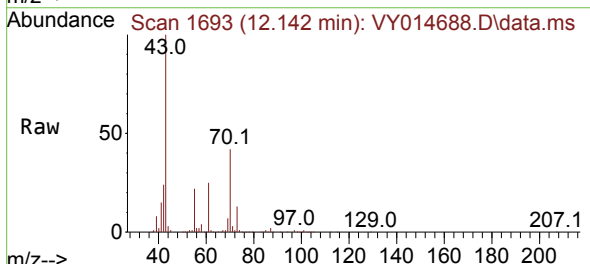
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

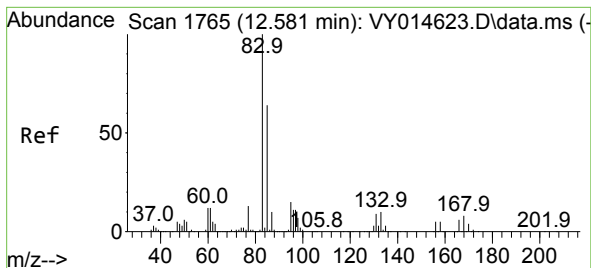
Tgt Ion:105 Resp: 725029
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 50.344 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 43 Resp: 241757
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 22.9 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.563 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

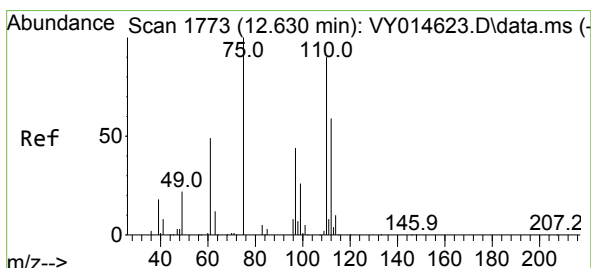
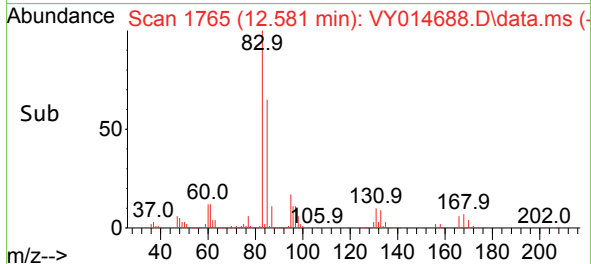
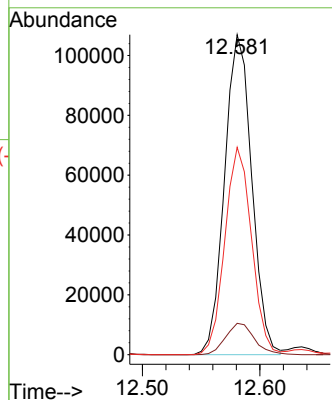
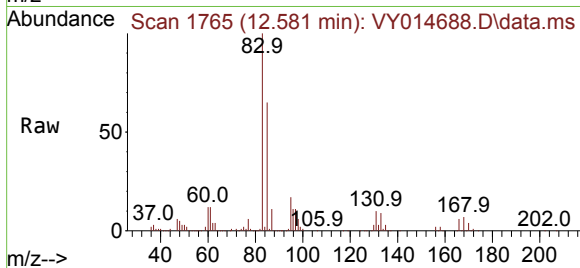
Tgt Ion: 83 Resp: 171869

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 97.313 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014688.D

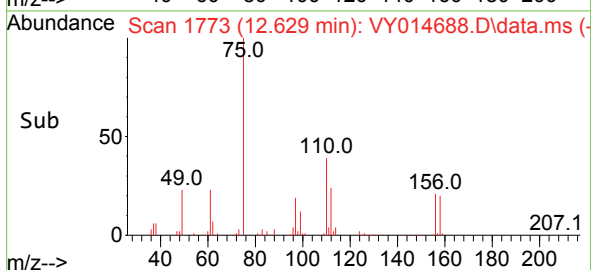
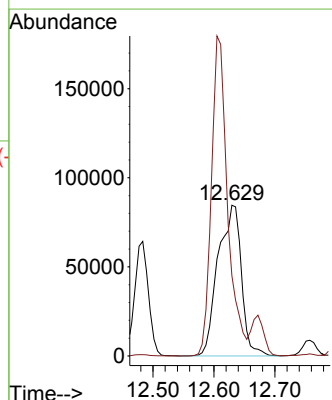
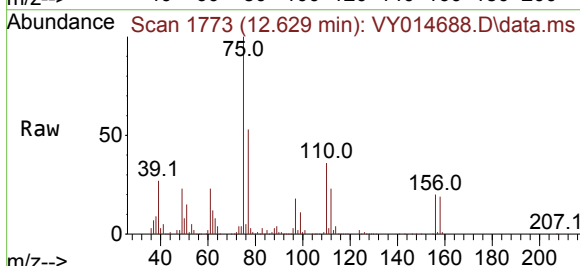
Acq: 18 Jul 2023 09:09

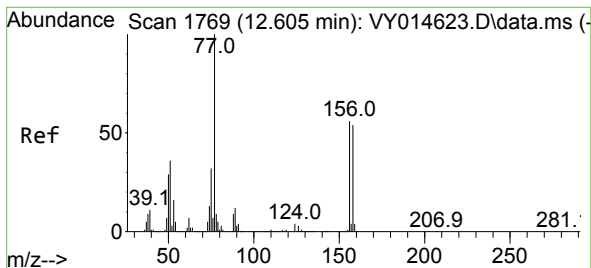
Tgt Ion: 75 Resp: 225058

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.772 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

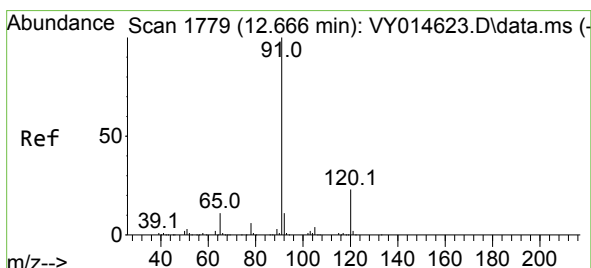
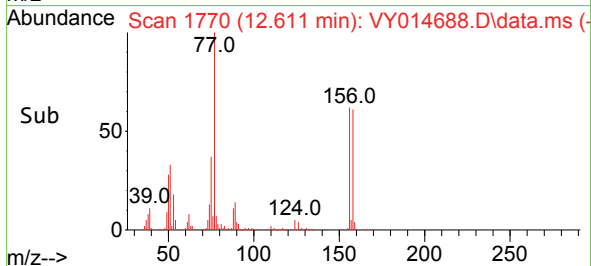
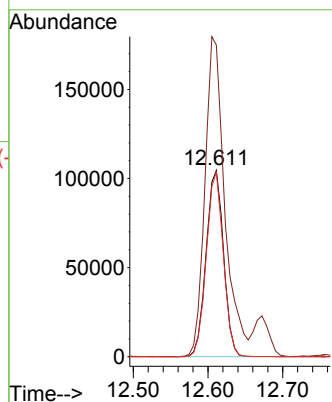
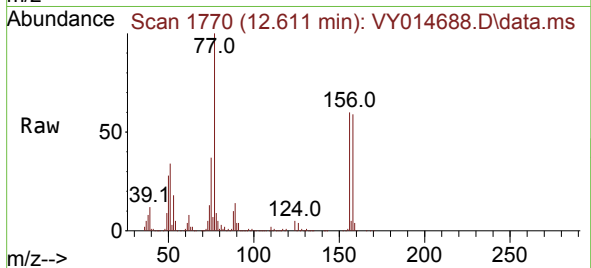
Tgt Ion:156 Resp: 169446

Ion Ratio Lower Upper

156 100

77 195.7 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 49.534 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014688.D

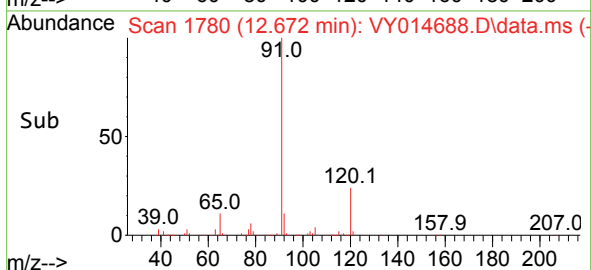
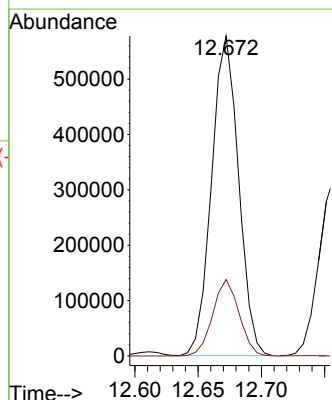
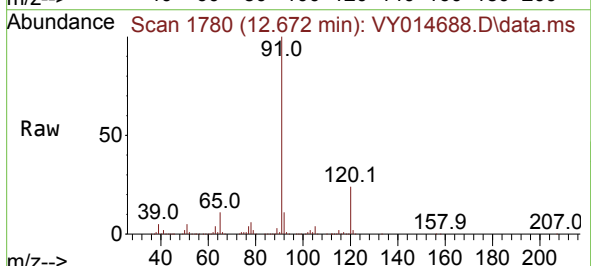
Acq: 18 Jul 2023 09:09

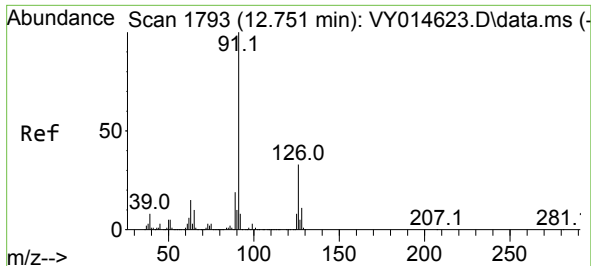
Tgt Ion: 91 Resp: 855833

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

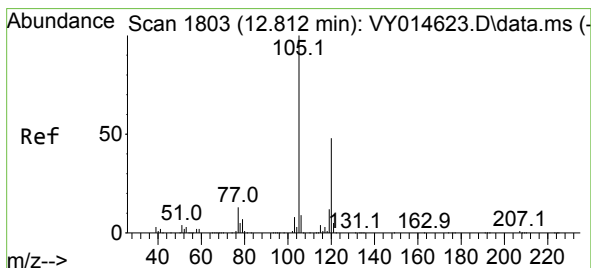
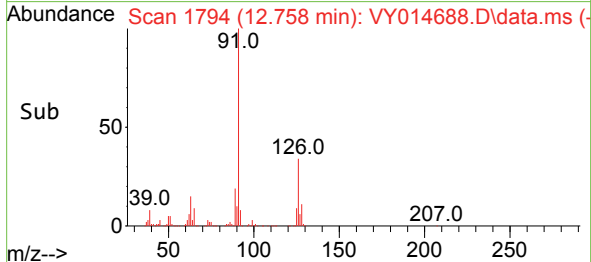
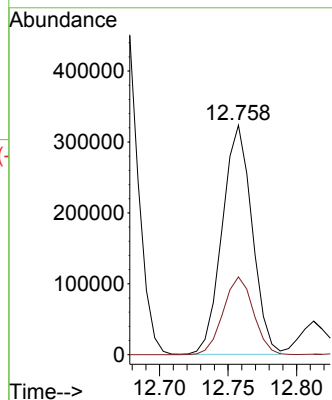
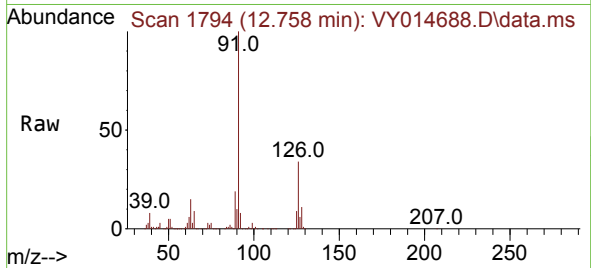




#79
2-Chlorotoluene
Concen: 49.378 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

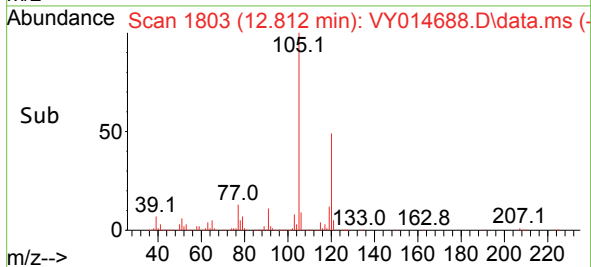
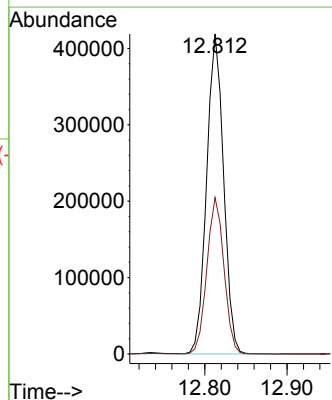
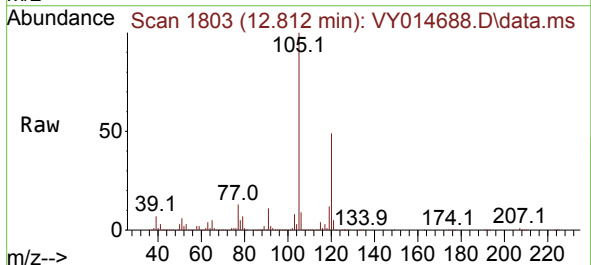
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

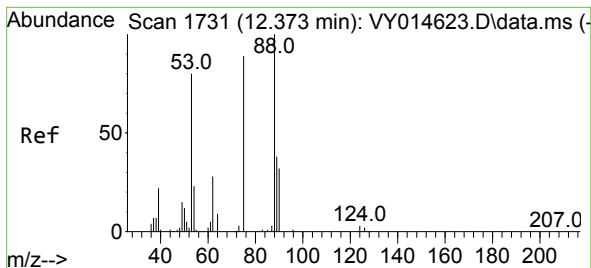
Tgt Ion: 91 Resp: 491394
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.167 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 105 Resp: 600720
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

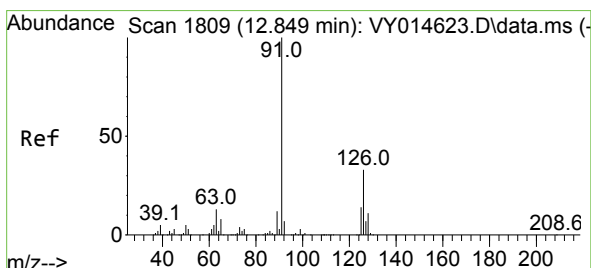
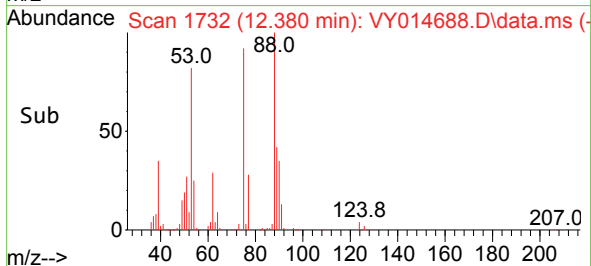
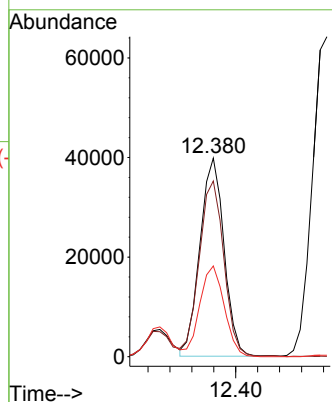
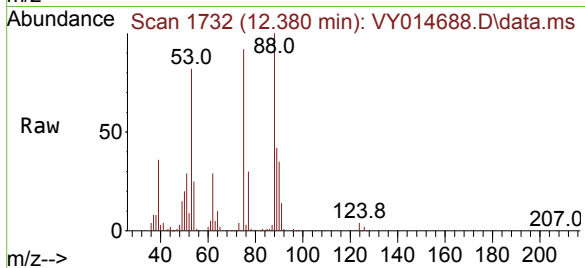




#81
trans-1,4-Dichloro-2-butene
Concen: 50.915 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

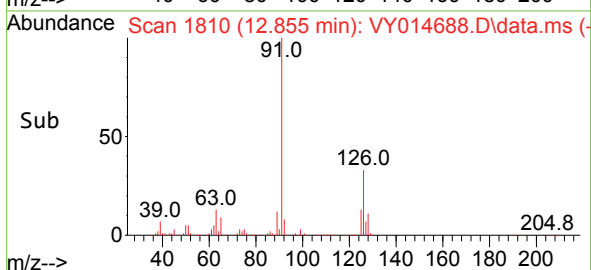
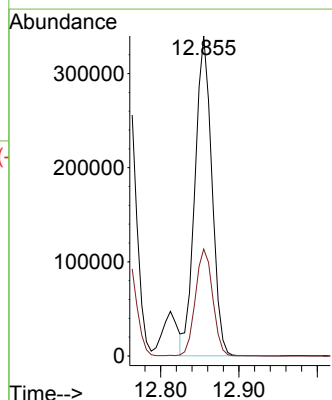
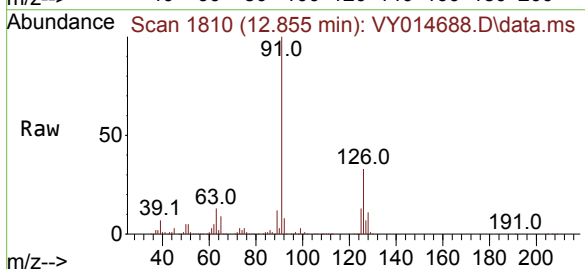
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

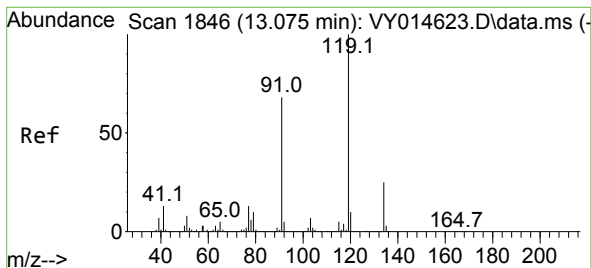
Tgt Ion: 75 Resp: 60817
Ion Ratio Lower Upper
75 100
53 90.0 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.648 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion: 91 Resp: 508853
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.888 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

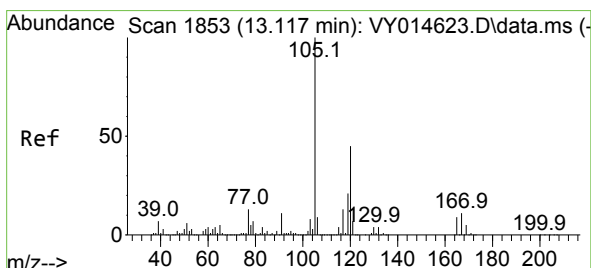
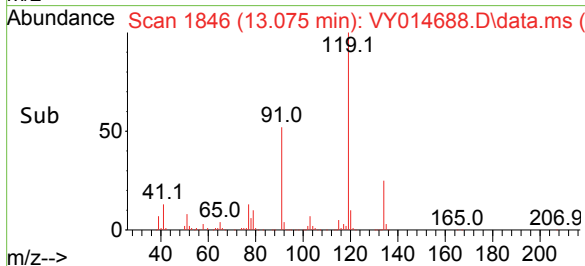
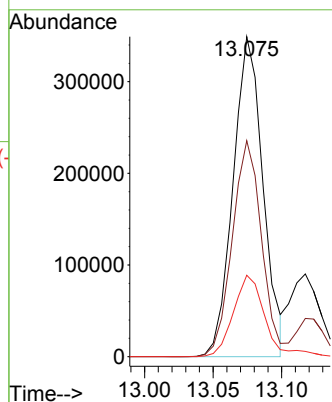
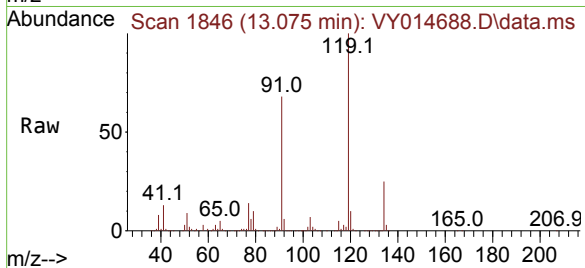
Tgt Ion:119 Resp: 529923

Ion Ratio Lower Upper

119 100

91 66.8 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.310 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014688.D

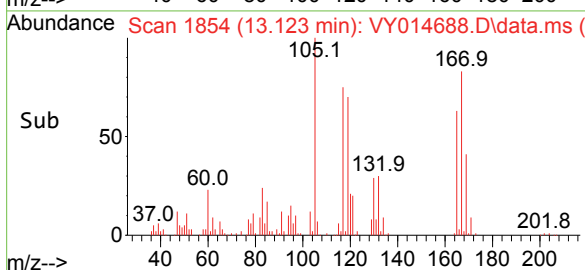
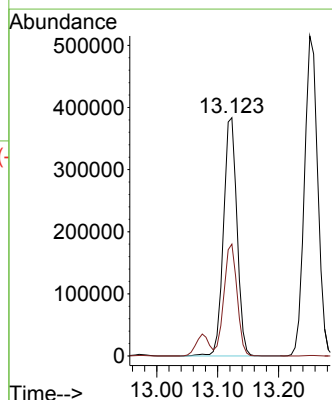
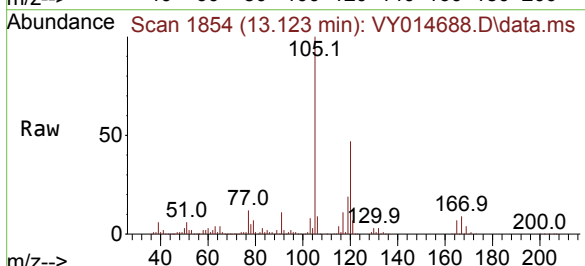
Acq: 18 Jul 2023 09:09

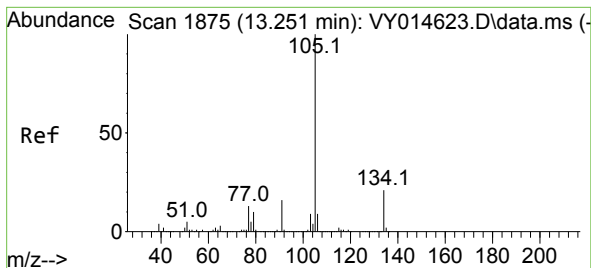
Tgt Ion:105 Resp: 591222

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.979 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

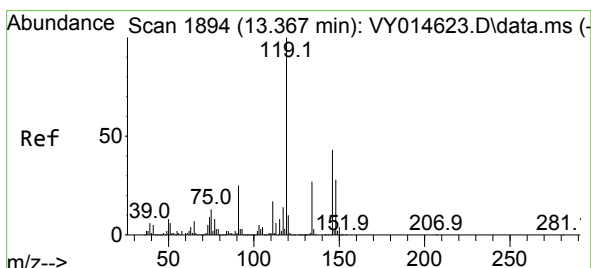
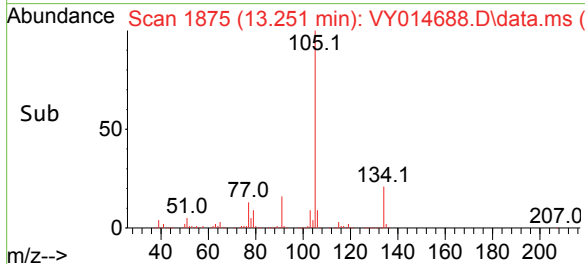
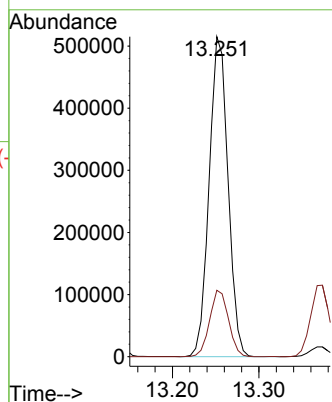
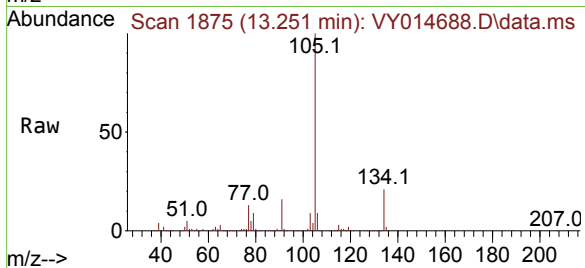
VSTDCCC050

Tgt Ion:105 Resp: 778775

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.830 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

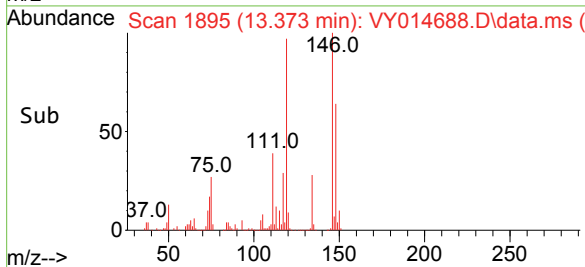
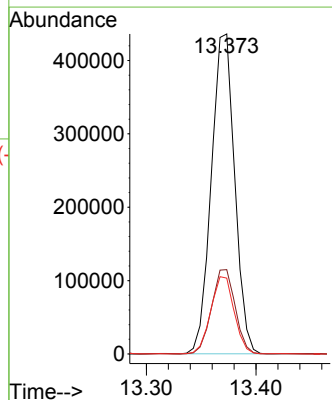
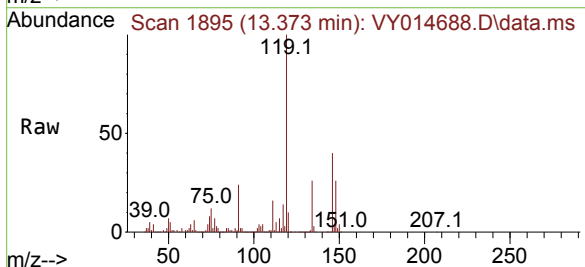
Tgt Ion:119 Resp: 646674

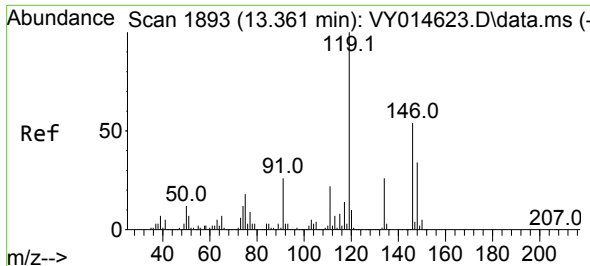
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.1 12.4 37.4

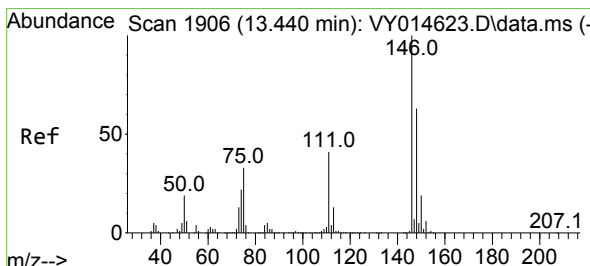
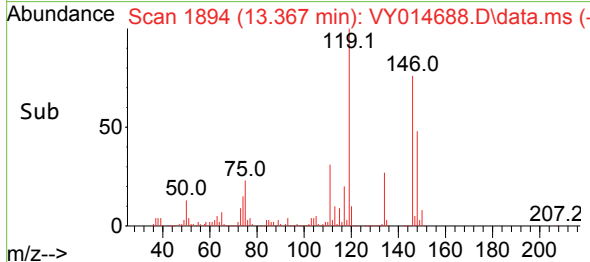
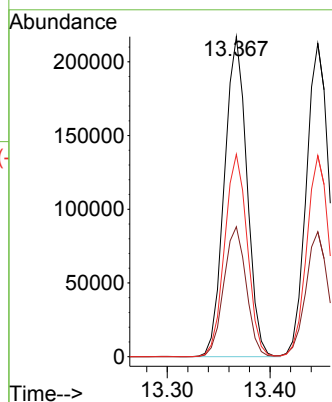
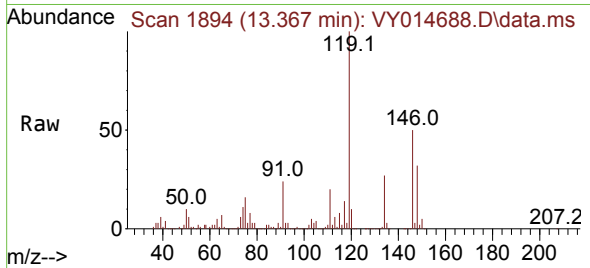




#87
1,3-Dichlorobenzene
Concen: 51.796 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

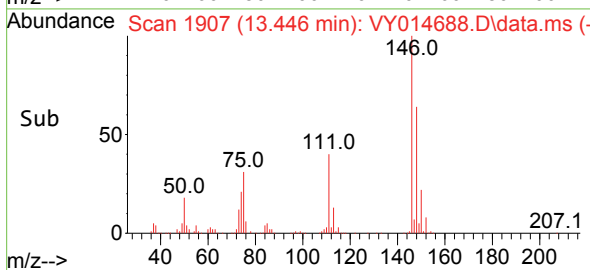
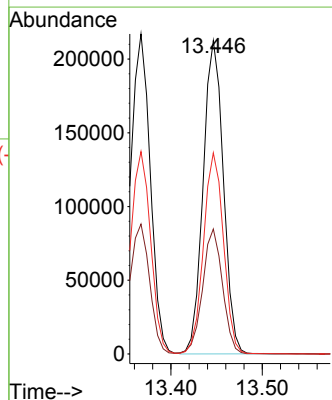
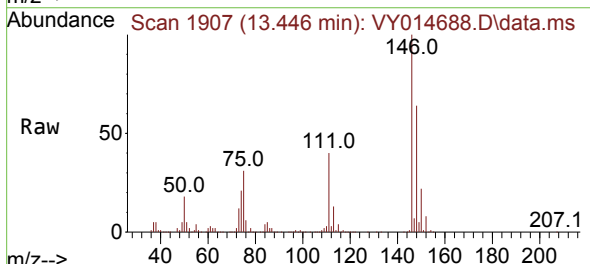
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

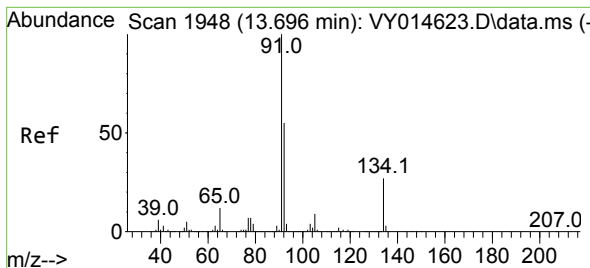
Tgt Ion:146 Resp: 329936
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.194 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014688.D
Acq: 18 Jul 2023 09:09

Tgt Ion:146 Resp: 326786
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.376 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

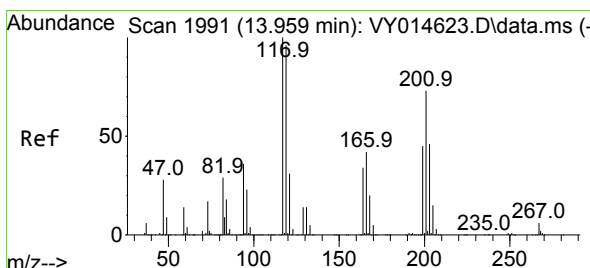
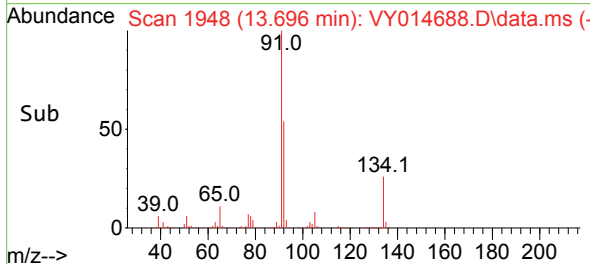
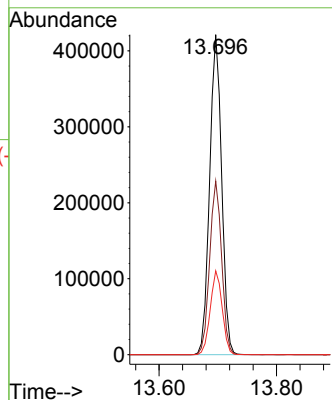
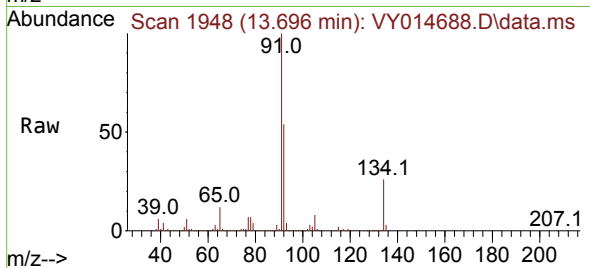
Tgt Ion: 91 Resp: 598769

Ion Ratio Lower Upper

91 100

92 54.1 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 50.858 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014688.D

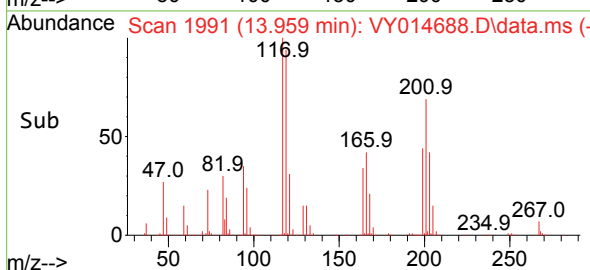
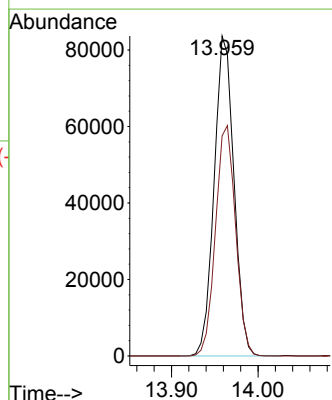
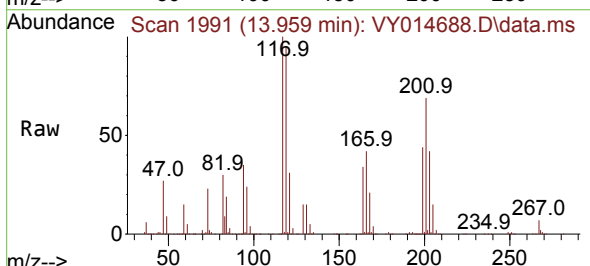
Acq: 18 Jul 2023 09:09

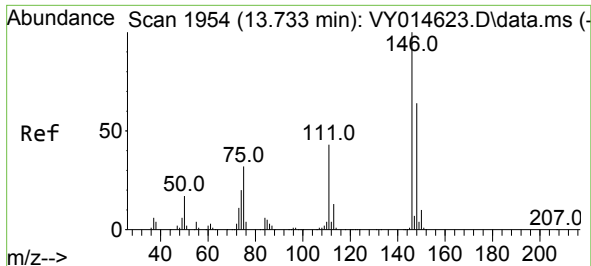
Tgt Ion: 117 Resp: 132900

Ion Ratio Lower Upper

117 100

201 73.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.727 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

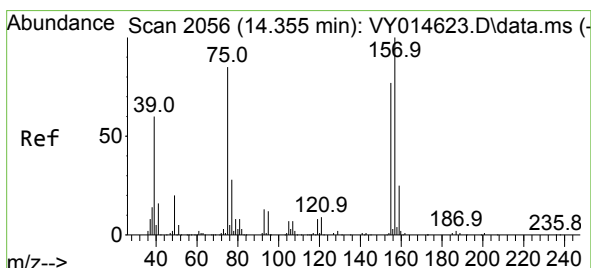
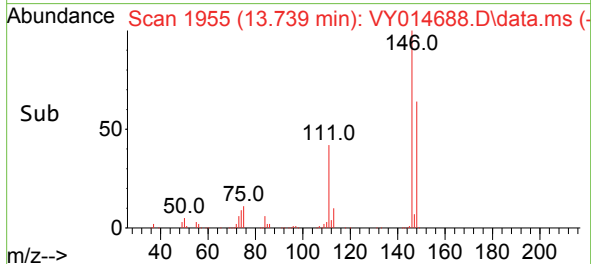
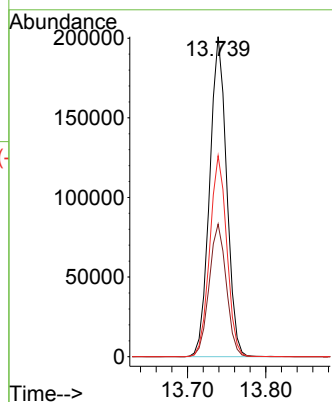
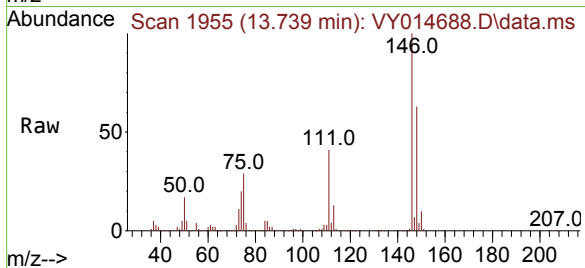
Tgt Ion:146 Resp: 301884

Ion Ratio Lower Upper

146 100

111 41.9 19.7 59.0

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.211 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

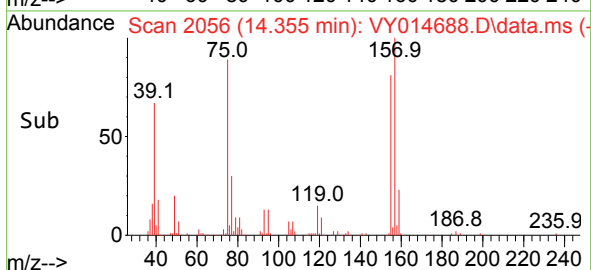
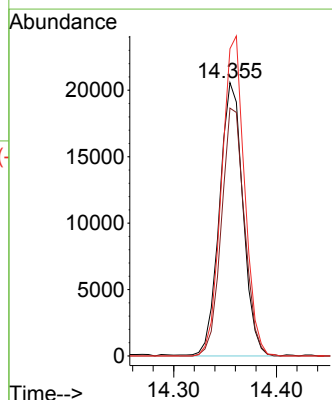
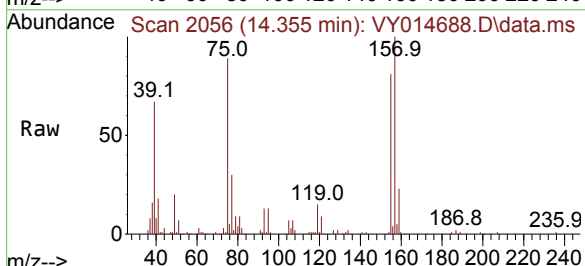
Tgt Ion: 75 Resp: 32648

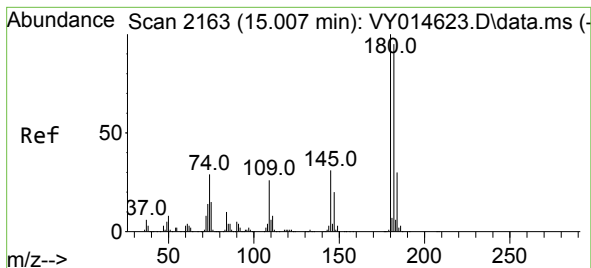
Ion Ratio Lower Upper

75 100

155 88.4 41.5 124.6

157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.266 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

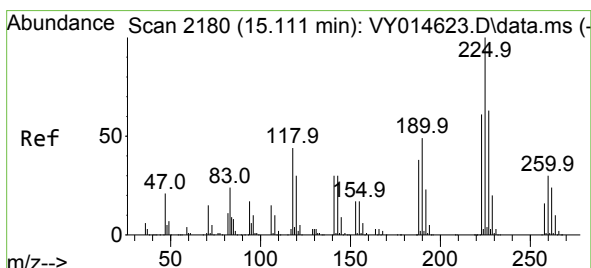
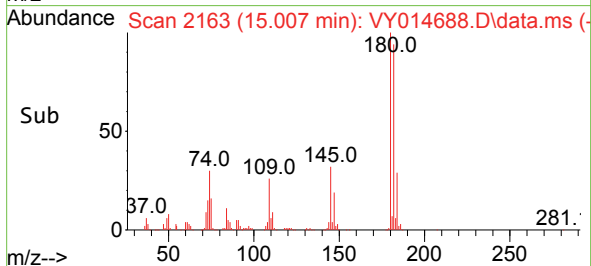
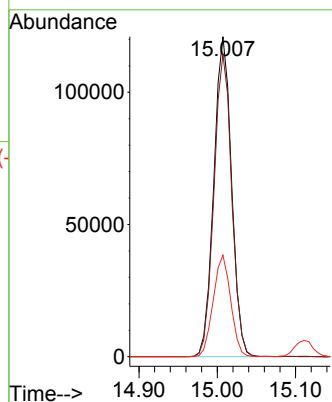
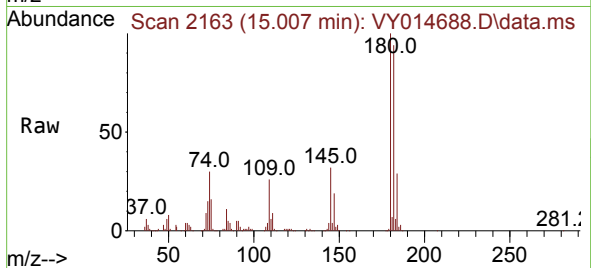
Tgt Ion:180 Resp: 189928

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.696 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

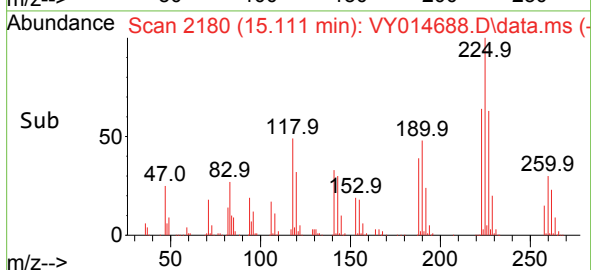
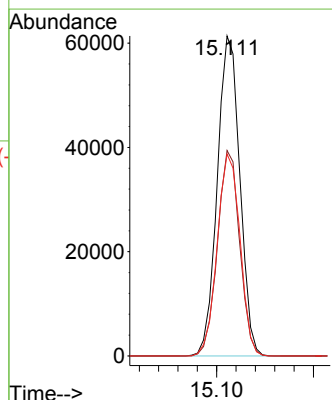
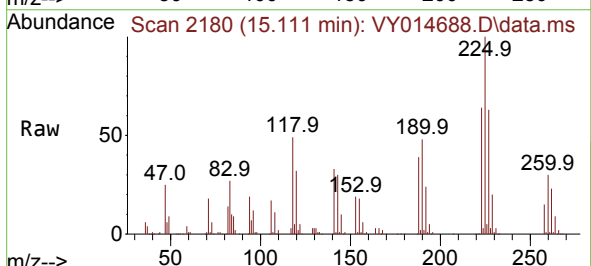
Tgt Ion:225 Resp: 99139

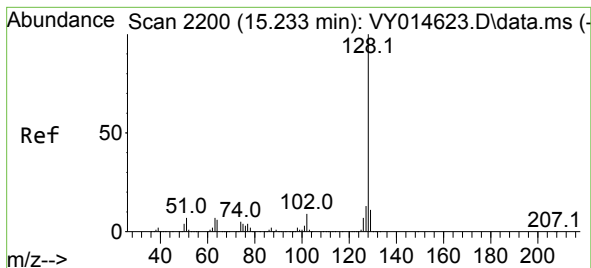
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 53.082 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

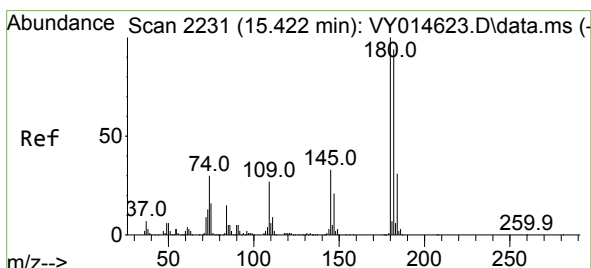
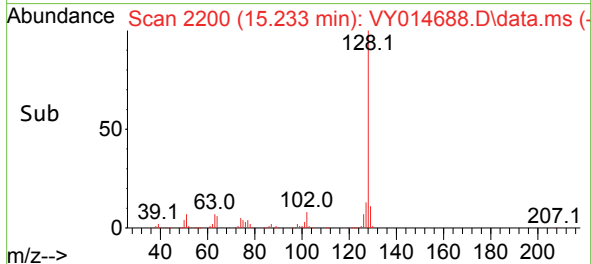
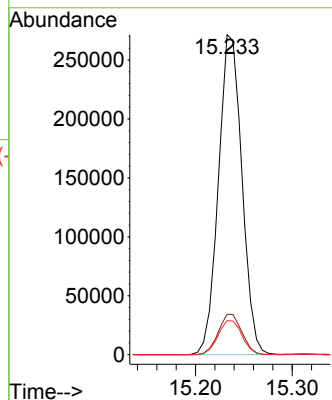
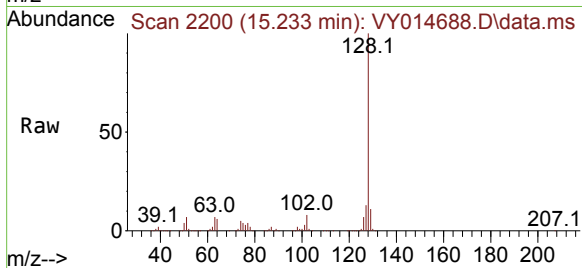
Tgt Ion:128 Resp: 458159

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.492 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014688.D

Acq: 18 Jul 2023 09:09

Tgt Ion:180 Resp: 169539

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 33.7 15.4 46.2

