

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014839.D
 Acq On : 26 Jul 2023 06:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 07:42:27 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	7.801	168	190816	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	334787	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	299234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111480	51.269	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.728	113	102075	47.896	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.800%	
50) Toluene-d8	10.184	98	363118	46.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.420%	
62) 4-Bromofluorobenzene	12.483	95	132620	44.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	68109	43.811	ug/l	98
3) Chloromethane	2.119	50	104889	60.021	ug/l	99
4) Vinyl Chloride	2.253	62	118244	60.544	ug/l	98
5) Bromomethane	2.655	94	86905	67.333	ug/l	95
6) Chloroethane	2.796	64	83194	68.194	ug/l	96
7) Trichlorofluoromethane	3.131	101	166545	50.774	ug/l	98
8) Diethyl Ether	3.539	74	67477	55.289	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	100148	49.813	ug/l	95
10) Methyl Iodide	4.100	142	107414	50.380	ug/l	97
11) Tert butyl alcohol	4.984	59	103502	228.053	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	95881	51.026	ug/l	91
13) Acrolein	3.741	56	30585	134.576	ug/l	97
14) Allyl chloride	4.490	41	154055	46.175	ug/l	96
15) Acrylonitrile	5.179	53	204246	303.488	ug/l	98
16) Acetone	3.966	43	164352	238.521	ug/l	93
17) Carbon Disulfide	4.204	76	245898	45.709	ug/l	97
18) Methyl Acetate	4.490	43	195154	73.803	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	351263	57.548	ug/l	99
20) Methylene Chloride	4.728	84	121788	54.814	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	113024	53.003	ug/l	94
22) Diisopropyl ether	6.130	45	366731	54.065	ug/l	93
23) Vinyl Acetate	6.069	43	989927	243.871	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	211259	54.431	ug/l	96
25) 2-Butanone	7.002	43	280671	278.424	ug/l	96
26) 2,2-Dichloropropane	6.996	77	132208	35.742	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	138988	55.996	ug/l	92
28) Bromochloromethane	7.344	49	89142	53.329	ug/l	92
29) Tetrahydrofuran	7.362	42	185433	298.736	ug/l	92
30) Chloroform	7.514	83	225827	56.424	ug/l	100
31) Cyclohexane	7.795	56	155371	43.044	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	193382	53.685	ug/l	99
36) 1,1-Dichloropropene	7.929	75	155526	48.798	ug/l	100
37) Ethyl Acetate	7.087	43	114736	52.288	ug/l #	95
38) Carbon Tetrachloride	7.910	117	168673	50.066	ug/l	97
39) Methylcyclohexane	9.191	83	181221	43.645	ug/l	95
40) Benzene	8.173	78	470035	51.856	ug/l	99

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 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	61982	54.916	ug/l	93
42) 1,2-Dichloroethane	8.246	62	157163	54.753	ug/l	95
43) Isopropyl Acetate	8.282	43	219720	52.565	ug/l	97
44) Trichloroethene	8.947	130	130661	51.520	ug/l	98
45) 1,2-Dichloropropane	9.221	63	122640	51.815	ug/l	98
46) Dibromomethane	9.313	93	78384	54.590	ug/l	95
47) Bromodichloromethane	9.502	83	181875	53.742	ug/l	98
48) Methyl methacrylate	9.300	41	102069	54.267	ug/l	93
49) 1,4-Dioxane	9.307	88	26854	1146.959	ug/l #	55
51) 4-Methyl-2-Pentanone	10.075	43	637960	290.686	ug/l	94
52) Toluene	10.252	92	299335	51.607	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	170029	45.932	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	188212	46.754	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	111335	55.664	ug/l	98
56) Ethyl methacrylate	10.514	69	165672	54.250	ug/l	89
57) 1,3-Dichloropropane	10.794	76	187354	54.308	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	352613	247.809	ug/l	94
59) 2-Hexanone	10.837	43	447116	279.365	ug/l	92
60) Dibromochloromethane	10.989	129	134385	54.800	ug/l	100
61) 1,2-Dibromoethane	11.093	107	109001	54.628	ug/l	99
64) Tetrachloroethene	10.727	164	134950	56.074	ug/l	97
65) Chlorobenzene	11.520	112	330007	51.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	130260	54.179	ug/l	99
67) Ethyl Benzene	11.599	91	582359	50.583	ug/l	98
68) m/p-Xylenes	11.709	106	443965	101.021	ug/l	96
69) o-Xylene	12.032	106	219731	51.332	ug/l	98
70) Styrene	12.050	104	378833	52.509	ug/l	97
71) Bromoform	12.215	173	88374	54.228	ug/l #	99
73) Isopropylbenzene	12.330	105	572464	49.311	ug/l	100
74) N-amyl acetate	12.148	43	175180	45.055	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.586	83	140384	53.027	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	174039	92.942	ug/l #	100
77) Bromobenzene	12.611	156	139173	52.518	ug/l	98
78) n-propylbenzene	12.672	91	678038	48.469	ug/l	99
79) 2-Chlorotoluene	12.757	91	393345	48.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	474587	48.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	37110	38.371	ug/l	97
82) 4-Chlorotoluene	12.861	91	399575	48.151	ug/l	99
83) tert-Butylbenzene	13.080	119	420467	48.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	471281	49.531	ug/l	99
85) sec-Butylbenzene	13.257	105	612648	48.560	ug/l	100
86) p-Isopropyltoluene	13.373	119	502944	48.826	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	264152	51.216	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	266568	51.577	ug/l	99
89) n-Butylbenzene	13.696	91	463246	46.224	ug/l	97
90) Hexachloroethane	13.964	117	101944	48.183	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	246439	52.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26806	52.946	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	147208	49.076	ug/l	98
94) Hexachlorobutadiene	15.110	225	74925	45.453	ug/l	98
95) Naphthalene	15.238	128	379305	54.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	136244	51.107	ug/l	98

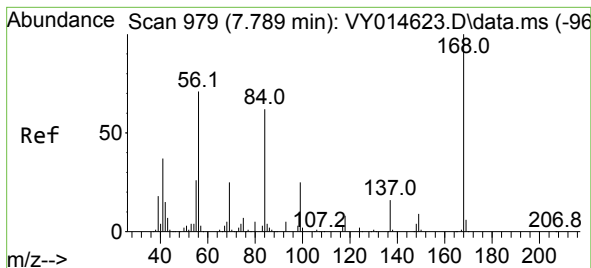
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

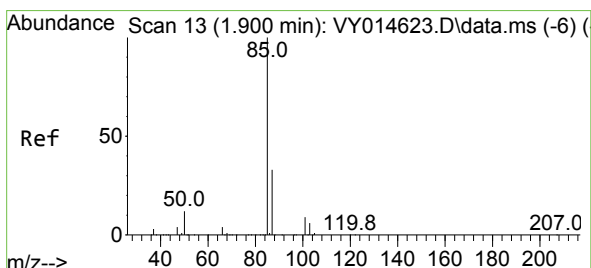
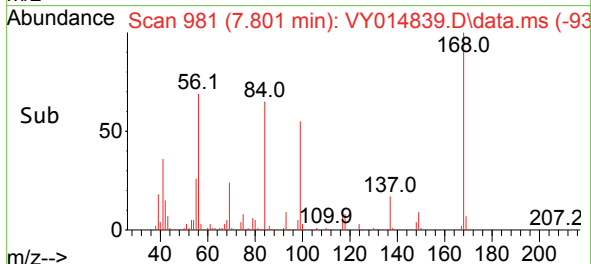
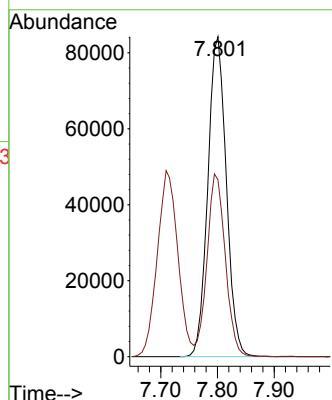
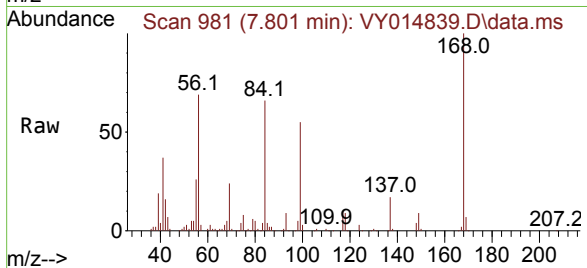
VSTDCCC050EC

Tgt Ion:168 Resp: 190816

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 43.811 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY014839.D

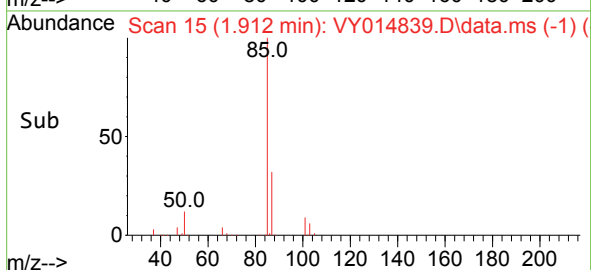
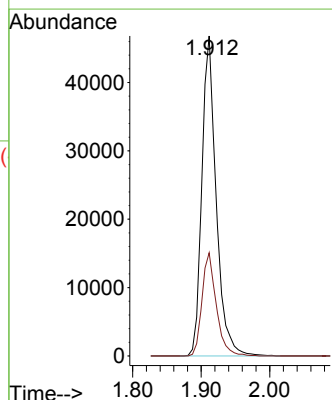
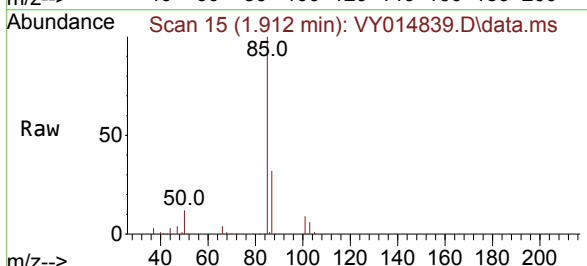
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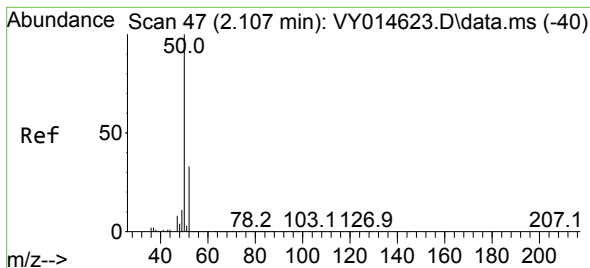
Tgt Ion: 85 Resp: 68109

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8





#3

Chloromethane

Concen: 60.021 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

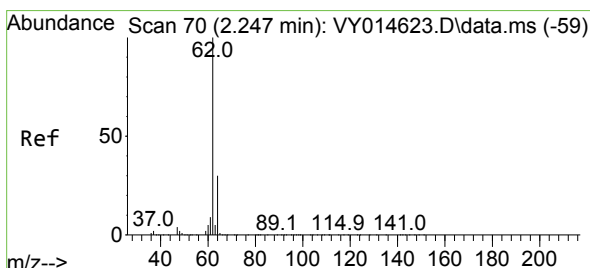
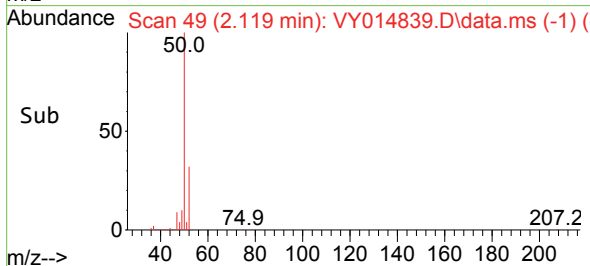
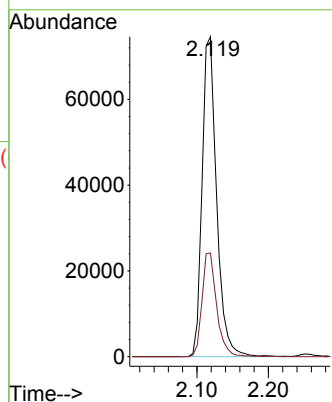
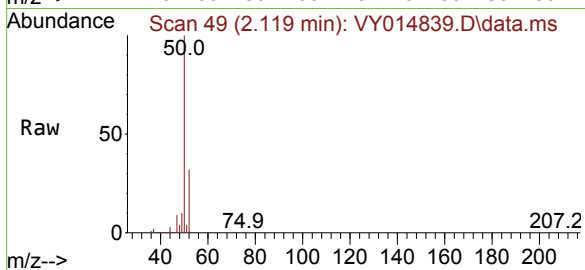
VSTDCCC050EC

Tgt Ion: 50 Resp: 104889

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 60.544 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY014839.D

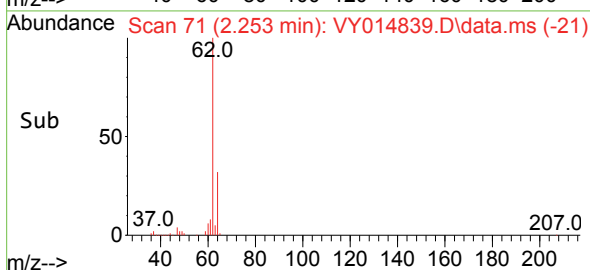
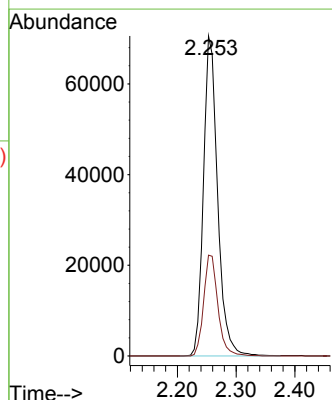
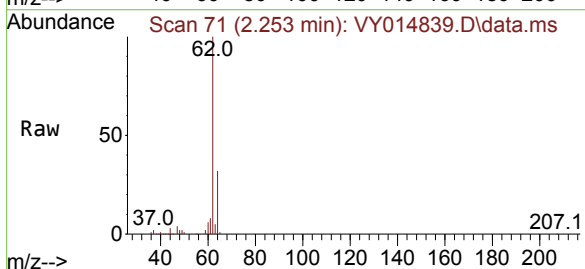
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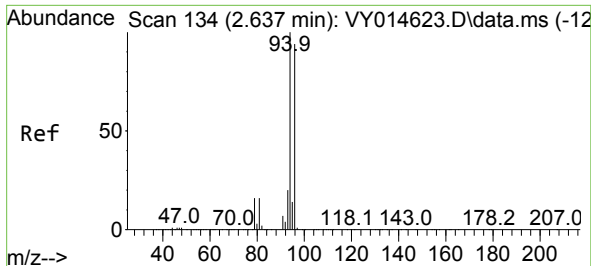
Tgt Ion: 62 Resp: 118244

Ion Ratio Lower Upper

62 100

64 31.5 24.3 36.5

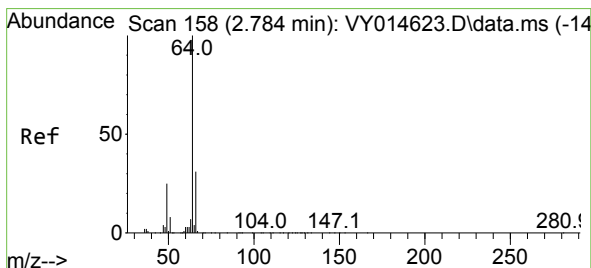
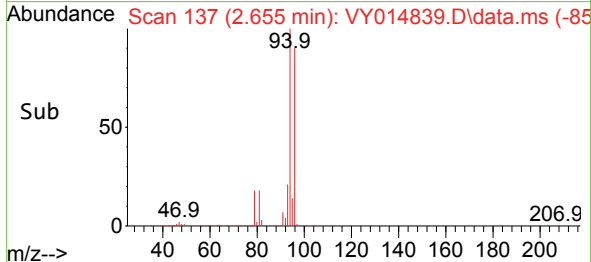
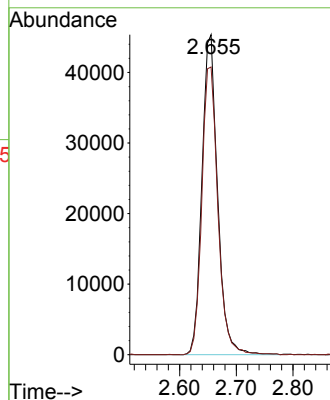
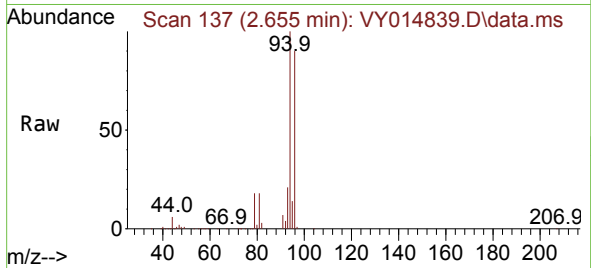




#5
Bromomethane
Concen: 67.333 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

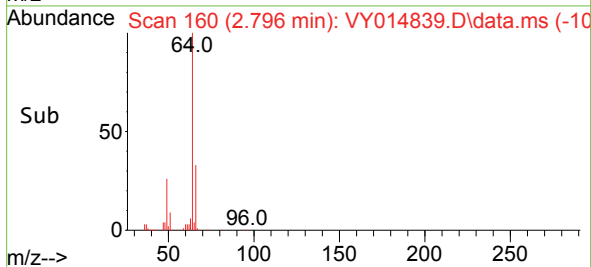
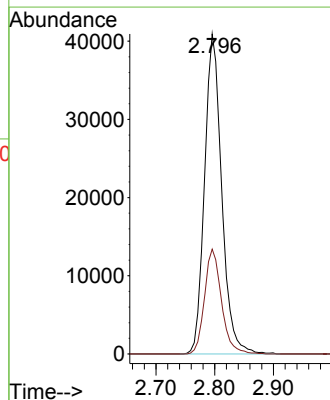
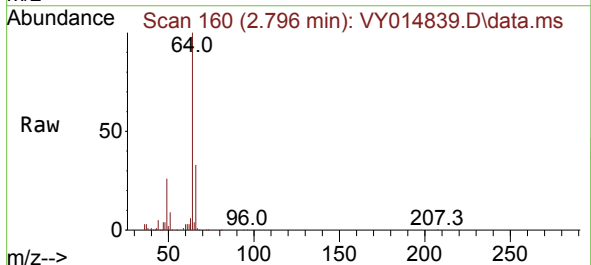
Instrument :
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VSTDCCC050EC

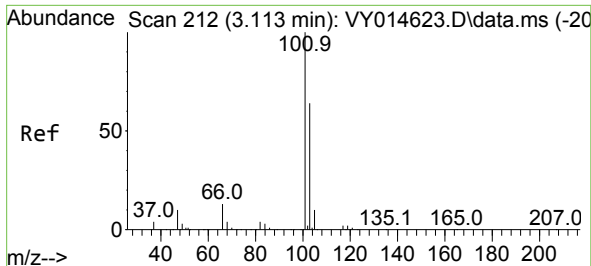
Tgt Ion: 94 Resp: 86905
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 68.194 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 64 Resp: 83194
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

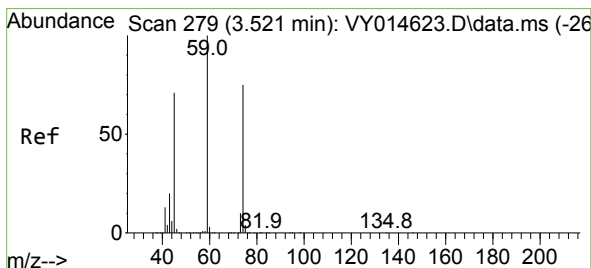
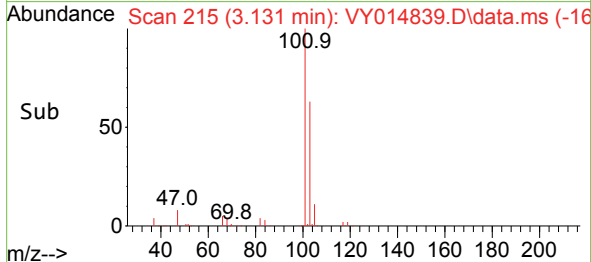
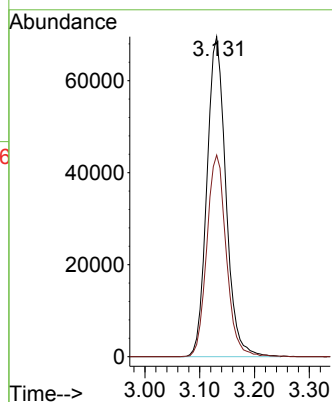
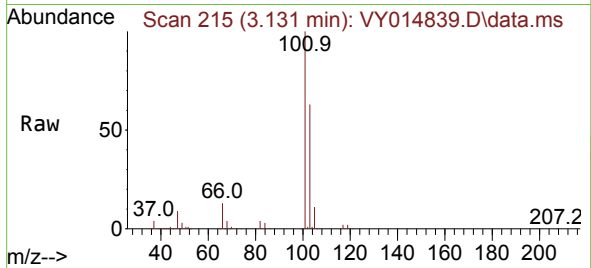




#7
 Trichlorofluoromethane
 Concen: 50.774 ug/l
 RT: 3.131 min Scan# 212
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

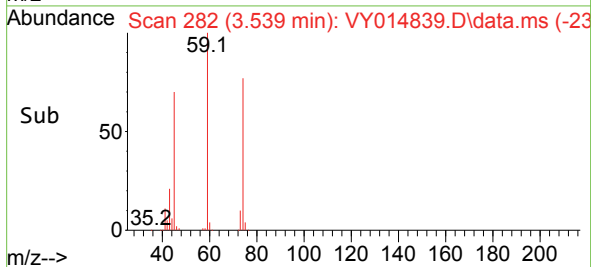
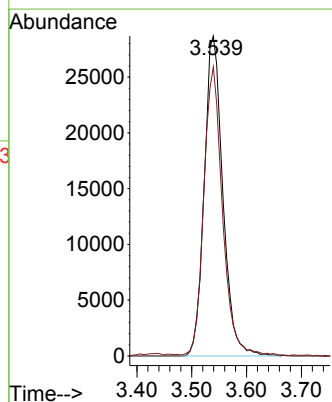
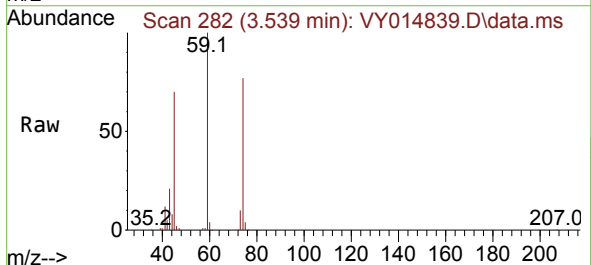
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

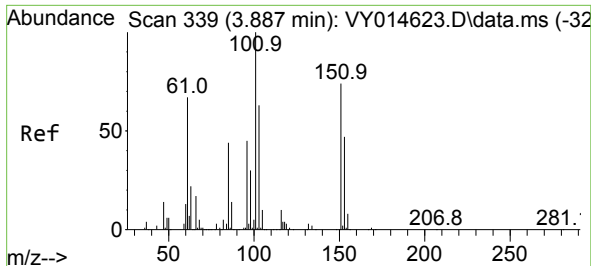
Tgt Ion:101 Resp: 166545
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 55.289 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

Tgt Ion: 74 Resp: 67477
 Ion Ratio Lower Upper
 74 100
 45 91.4 51.5 154.5

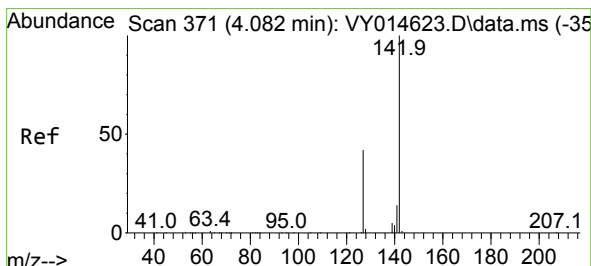
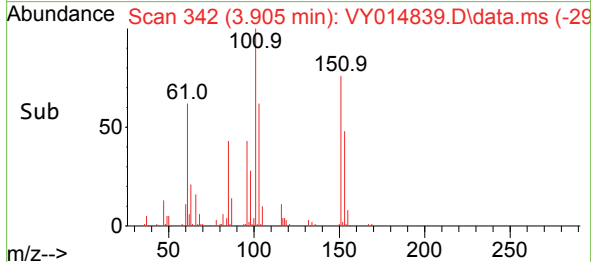
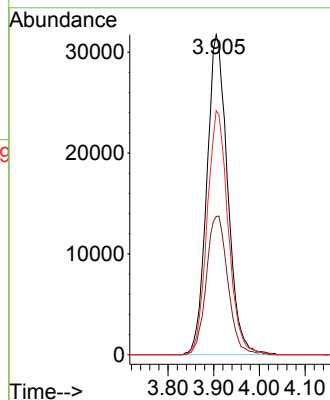
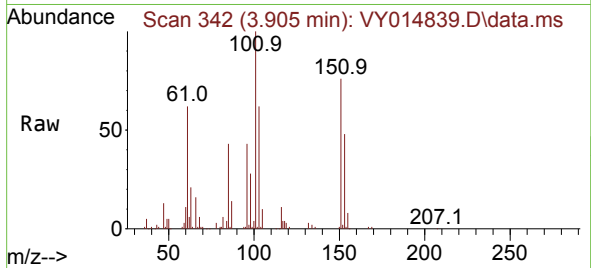




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.813 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY014839.D
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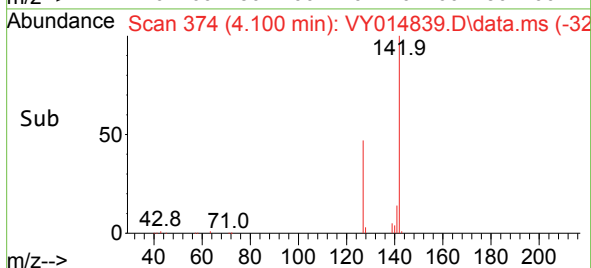
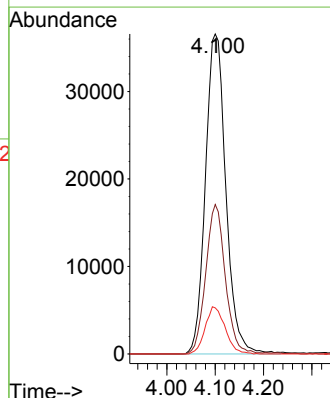
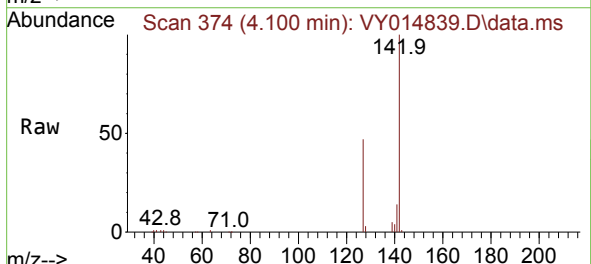
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

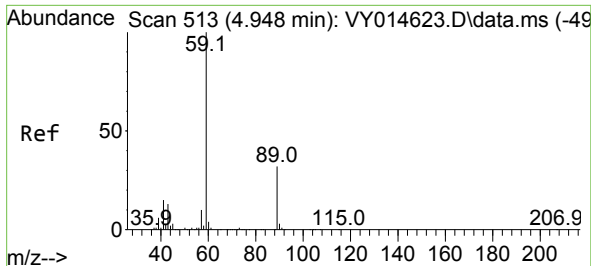
Tgt Ion:101 Resp: 100148
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.3 67.0 100.6



#10
Methyl Iodide
Concen: 50.380 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:142 Resp: 107414
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.5 11.8 17.8

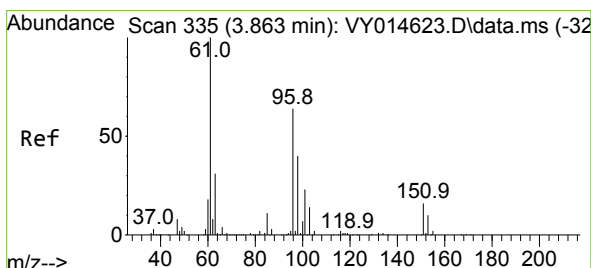
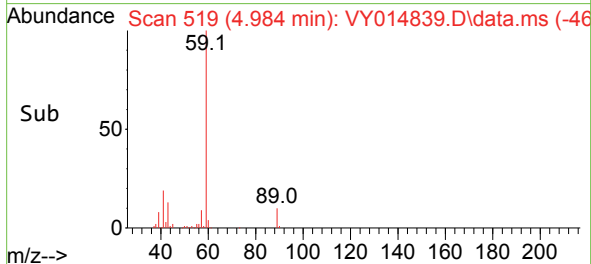
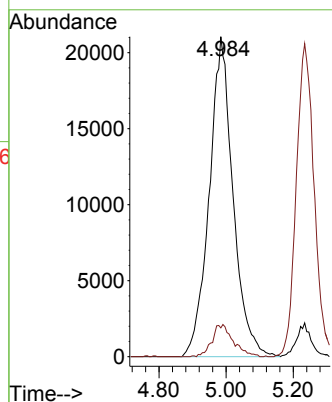
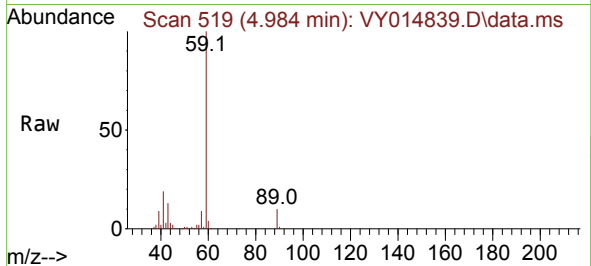




#11
Tert butyl alcohol
Concen: 228.053 ug/l
RT: 4.984 min Scan# 513
Delta R.T. 0.036 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

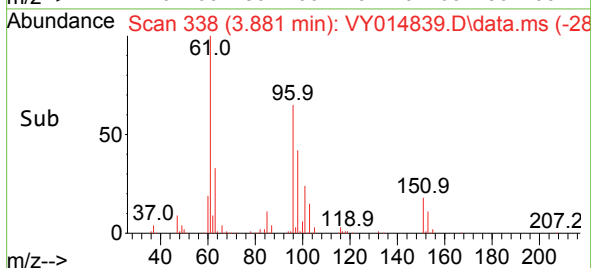
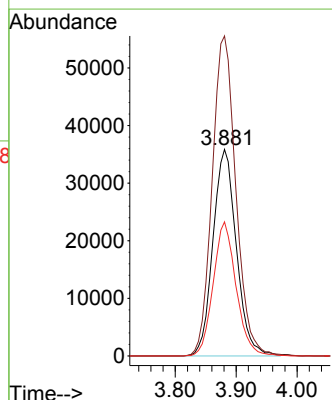
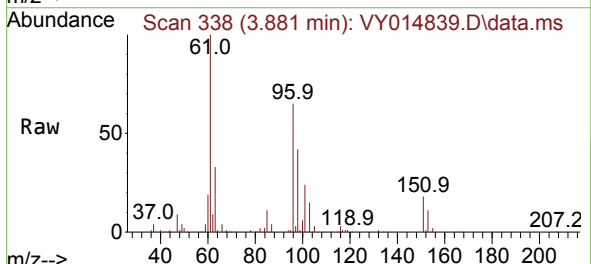
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

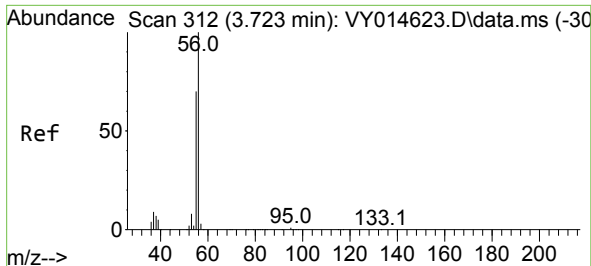
Tgt Ion: 59 Resp: 103502
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.026 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 96 Resp: 95881
Ion Ratio Lower Upper
96 100
61 154.9 136.4 204.6
98 64.9 49.4 74.2





#13

Acrolein

Concen: 134.576 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

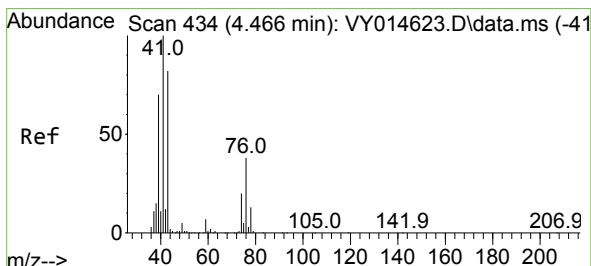
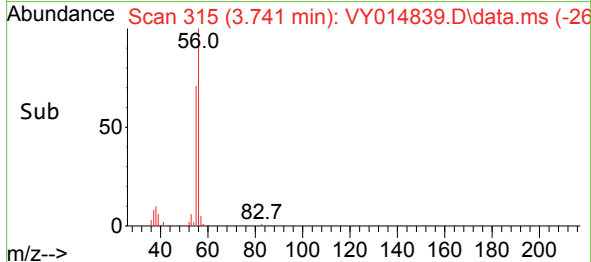
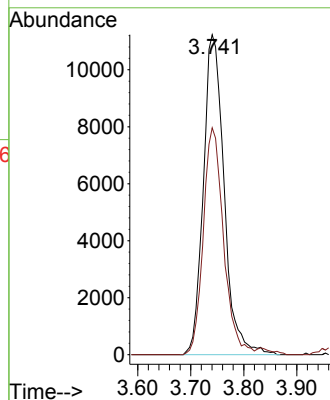
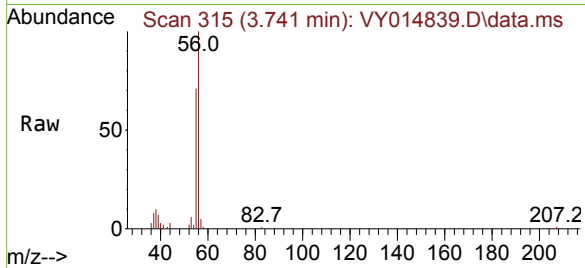
VSTDCCC050EC

Tgt Ion: 56 Resp: 30585

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4



#14

Allyl chloride

Concen: 46.175 ug/l

RT: 4.490 min Scan# 438

Delta R.T. 0.024 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

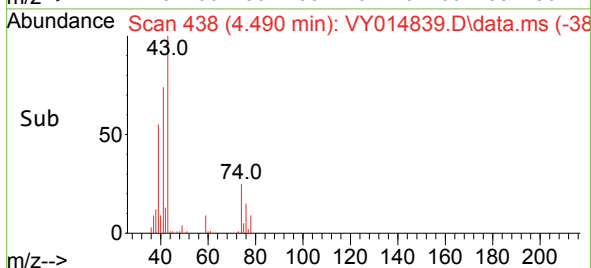
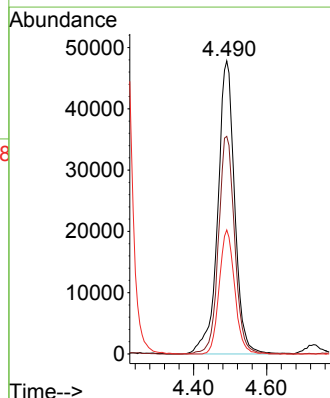
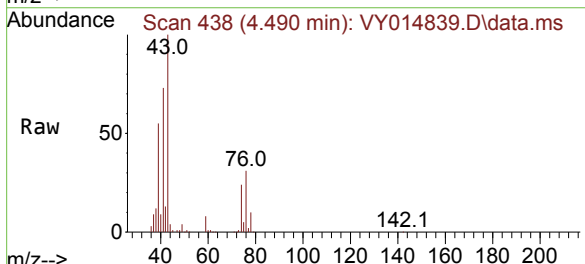
Tgt Ion: 41 Resp: 154055

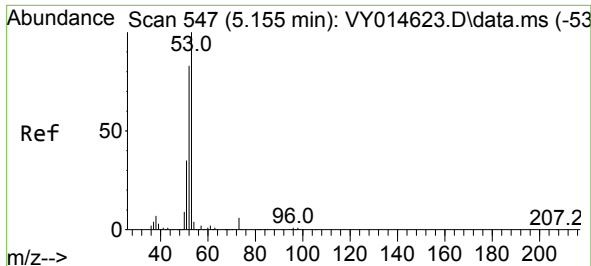
Ion Ratio Lower Upper

41 100

39 70.9 58.0 87.0

76 38.5 27.4 41.2

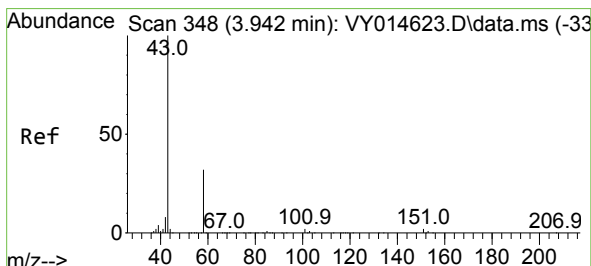
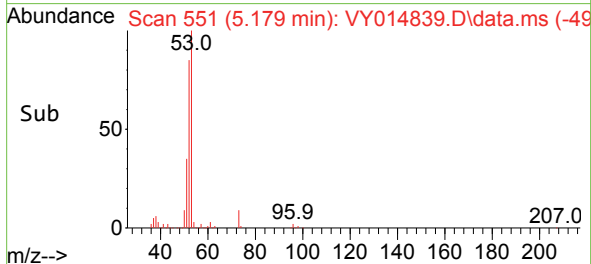
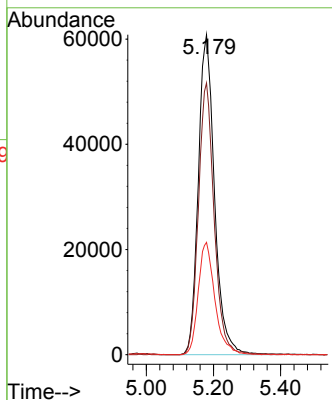
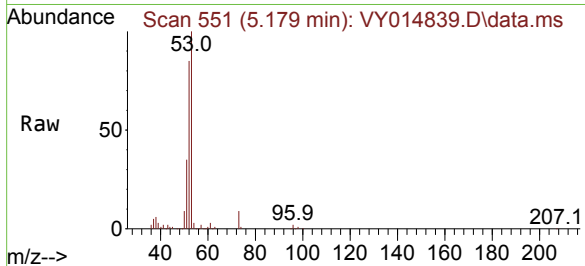




#15
Acrylonitrile
Concen: 303.488 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

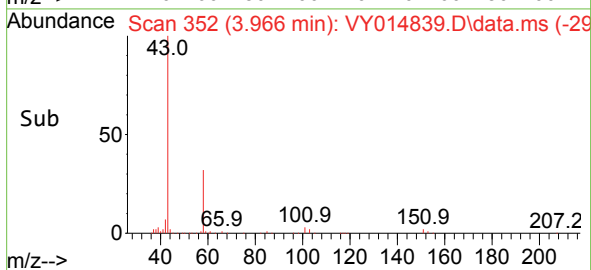
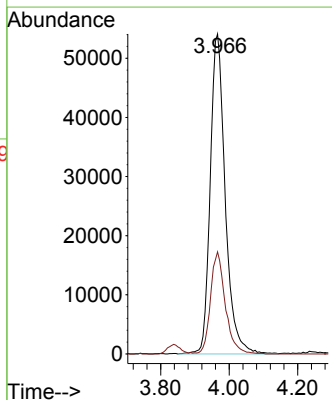
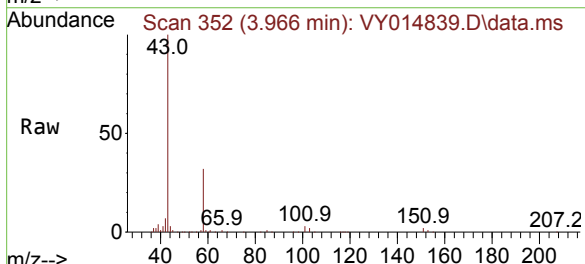
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

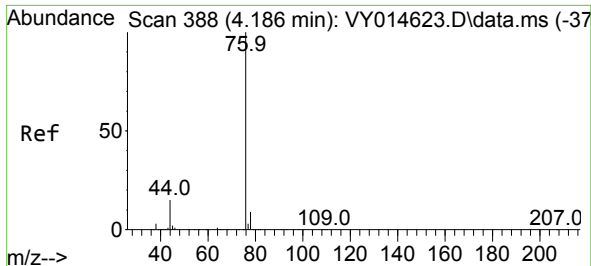
Tgt Ion: 53 Resp: 204246
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 238.521 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 43 Resp: 164352
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

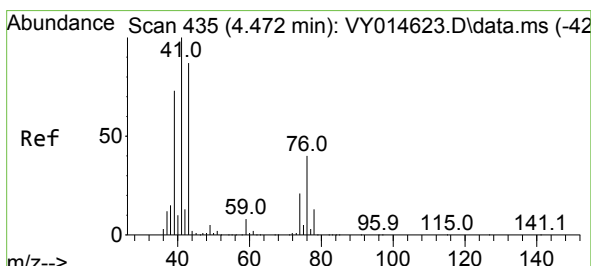
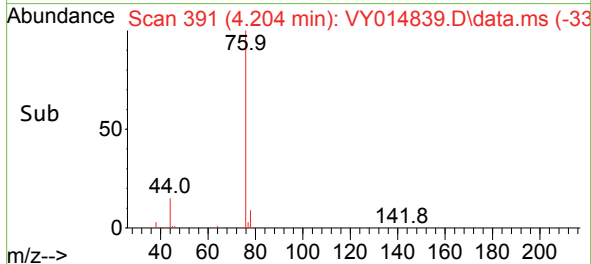
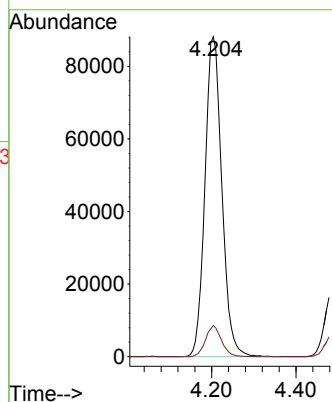
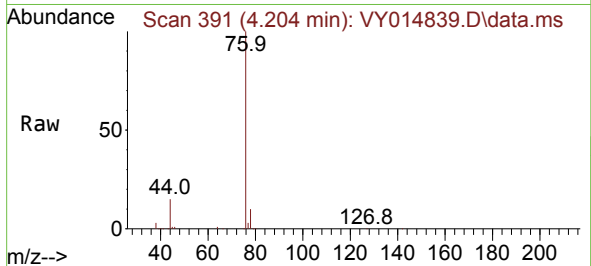




#17
Carbon Disulfide
Concen: 45.709 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

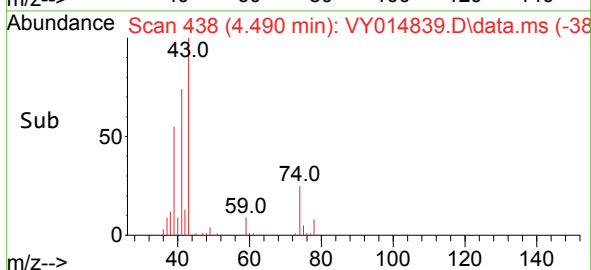
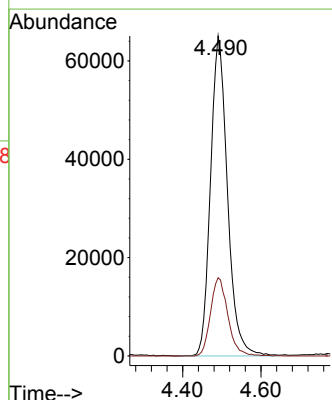
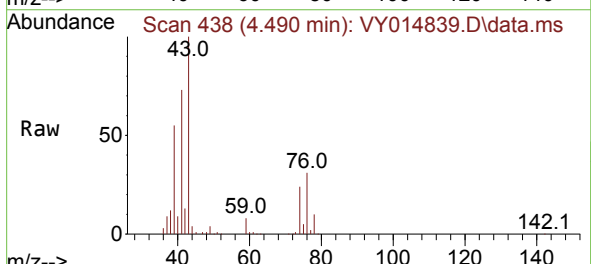
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

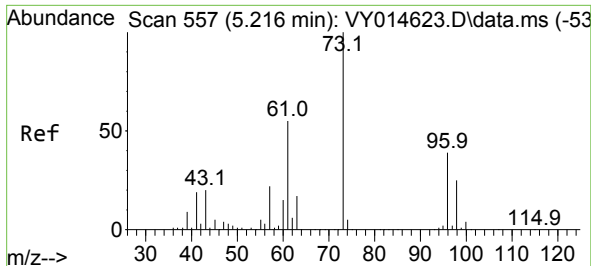
Tgt Ion: 76 Resp: 245898
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 73.803 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 43 Resp: 195154
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 57.548 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

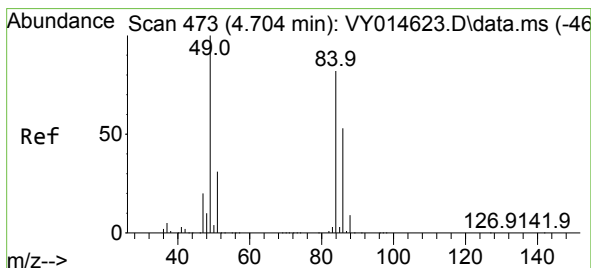
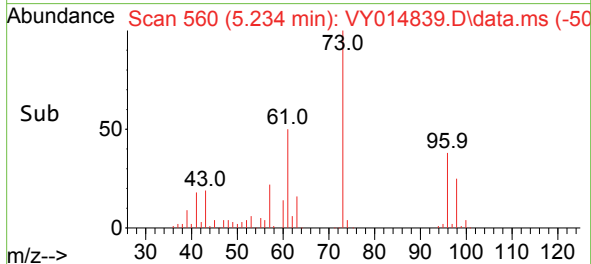
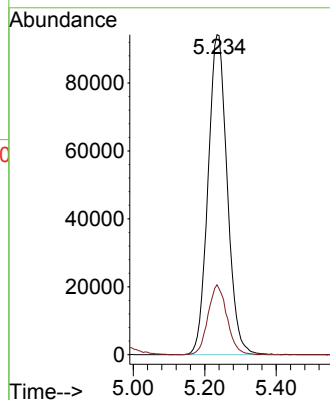
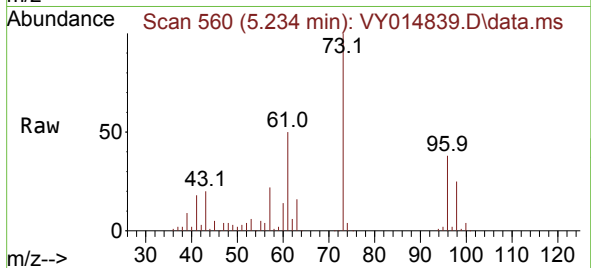
VSTDCCC050EC

Tgt Ion: 73 Resp: 351263

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 54.814 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.024 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion: 84 Resp: 121788

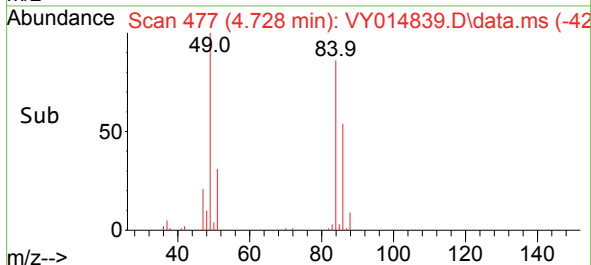
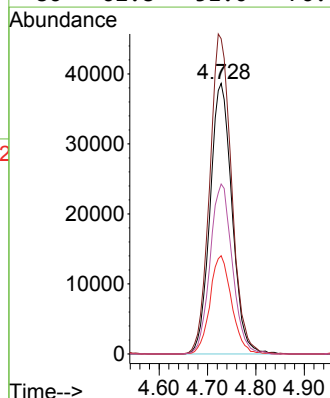
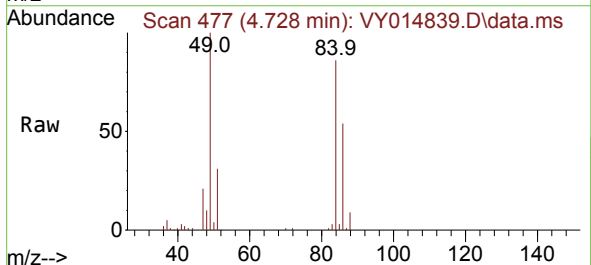
Ion Ratio Lower Upper

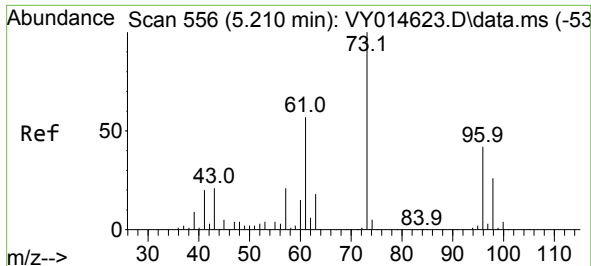
84 100

49 116.5 106.9 160.3

51 36.3 33.2 49.8

86 62.8 51.0 76.6

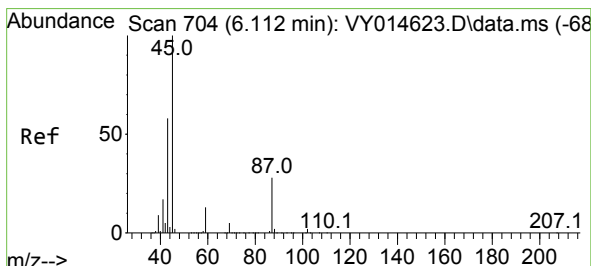
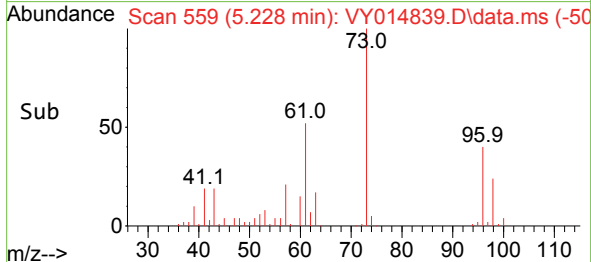
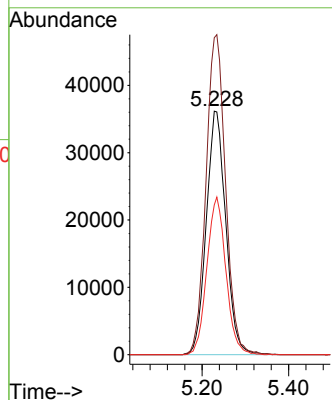
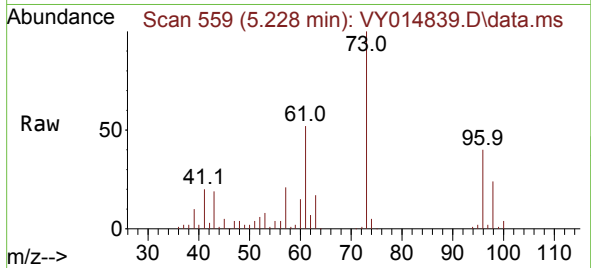




#21
trans-1,2-Dichloroethene
Concen: 53.003 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

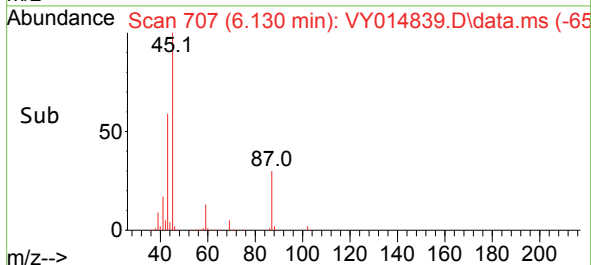
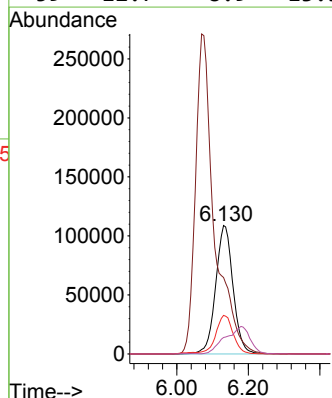
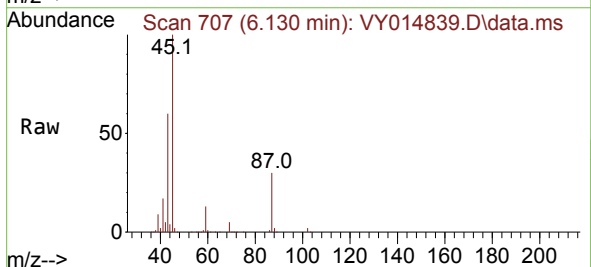
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

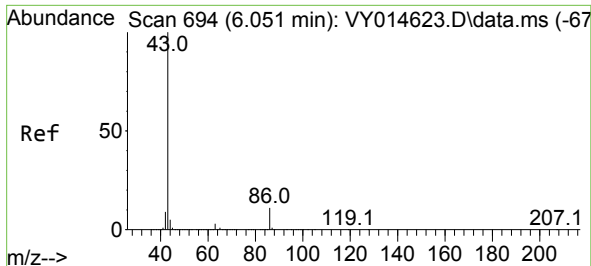
Tgt Ion: 96 Resp: 113024
Ion Ratio Lower Upper
96 100
61 130.1 110.2 165.4
98 61.5 51.8 77.6



#22
Diisopropyl ether
Concen: 54.065 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 45 Resp: 366731
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 30.0 21.0 31.6
59 12.7 8.9 13.3

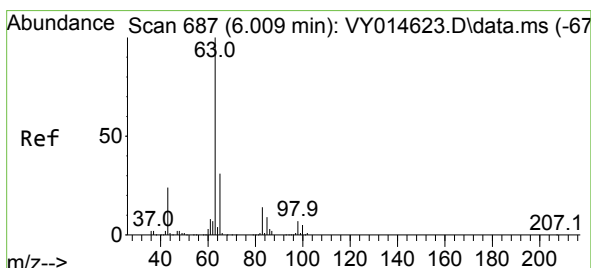
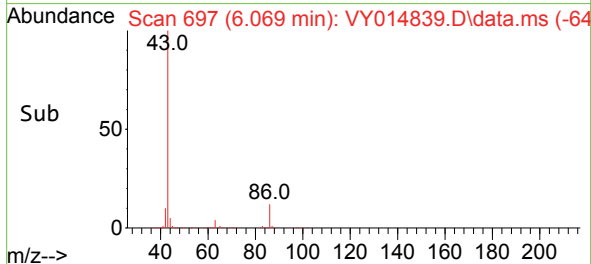
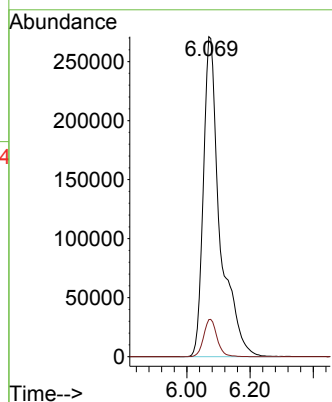
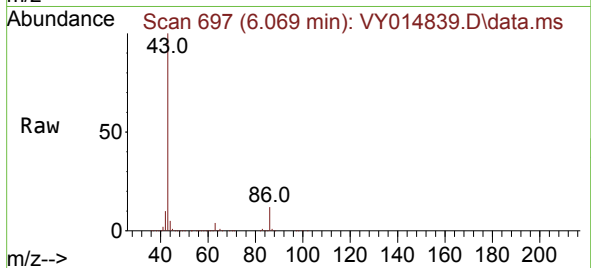




#23
 Vinyl Acetate
 Concen: 243.871 ug/l
 RT: 6.069 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

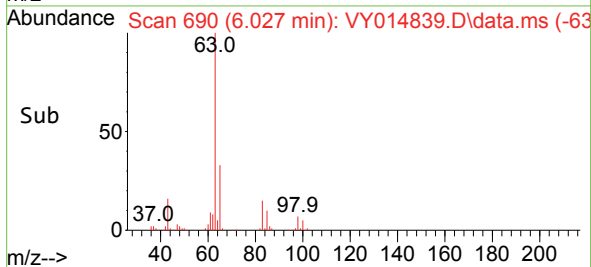
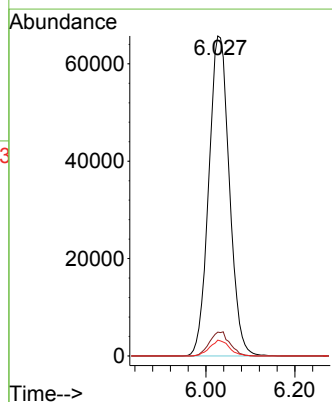
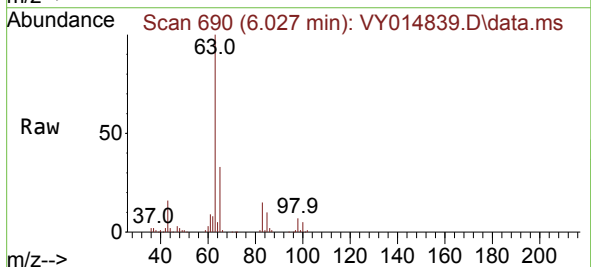
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

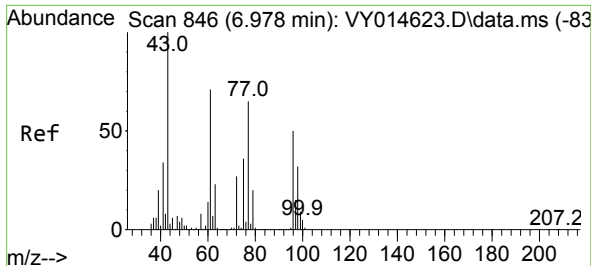
Tgt Ion: 43 Resp: 989927
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 54.431 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.018 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

Tgt Ion: 63 Resp: 211259
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.9 1.8 5.5

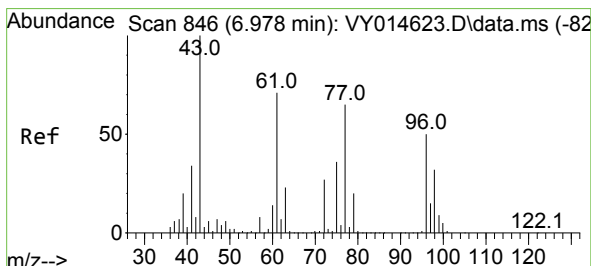
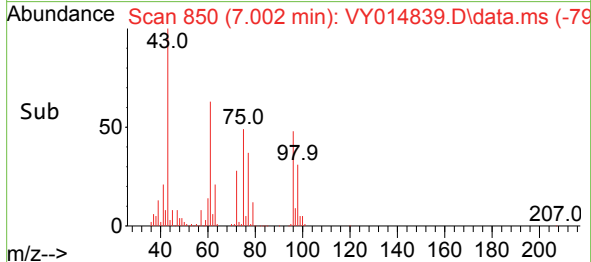
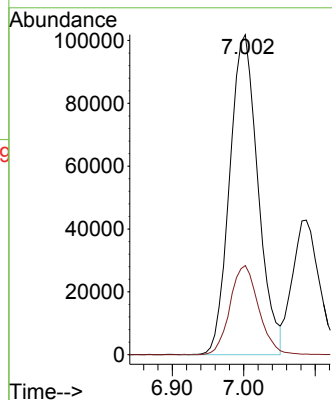
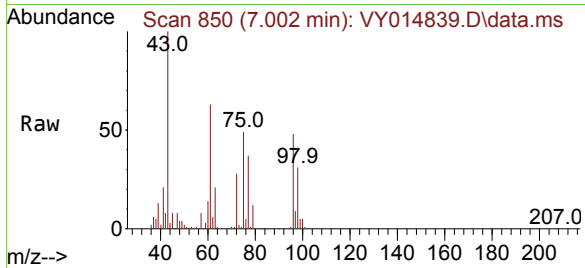




#25
2-Butanone
Concen: 278.424 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

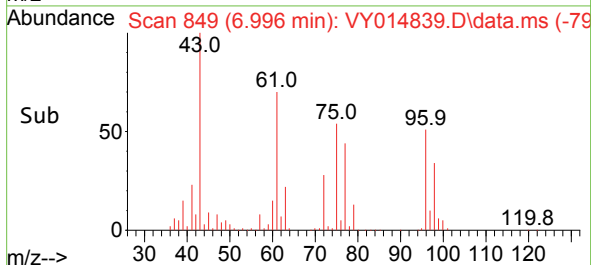
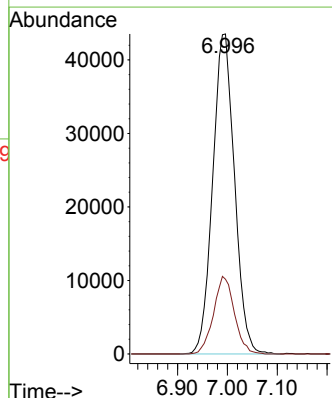
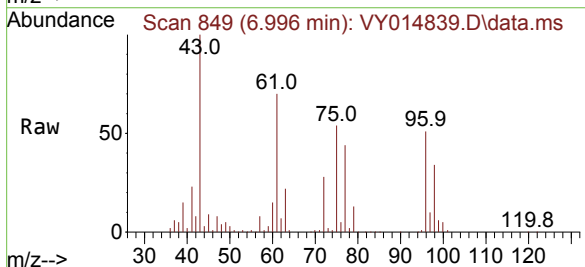
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

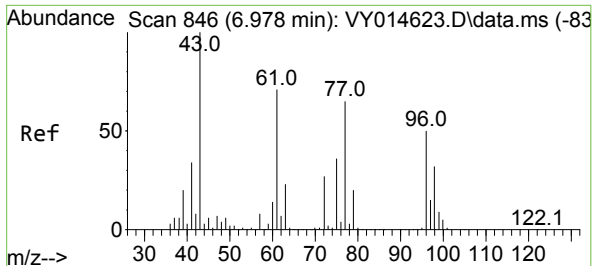
Tgt Ion: 43 Resp: 280671
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 35.742 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 77 Resp: 132208
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.996 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

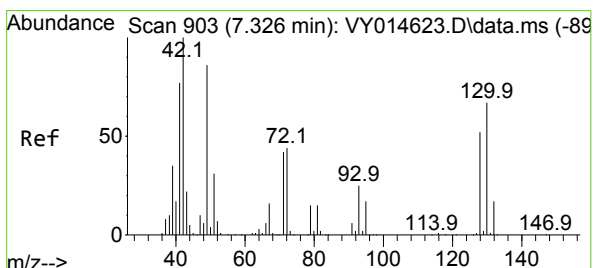
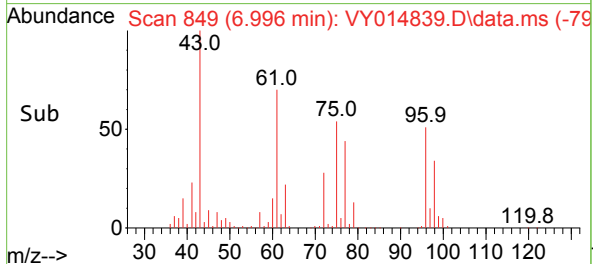
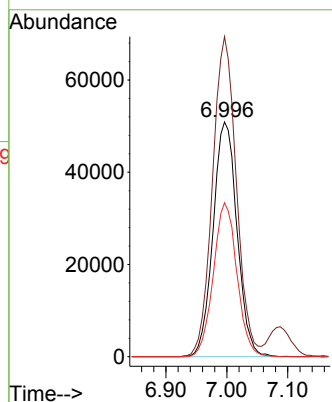
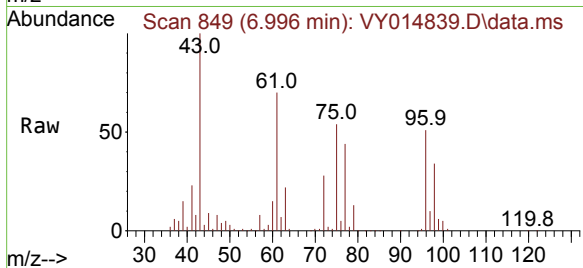
Tgt Ion: 96 Resp: 138988

Ion Ratio Lower Upper

96 100

61 136.0 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 53.329 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

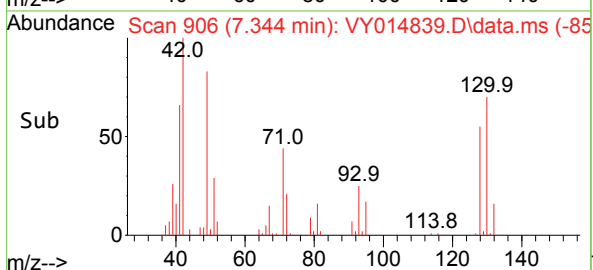
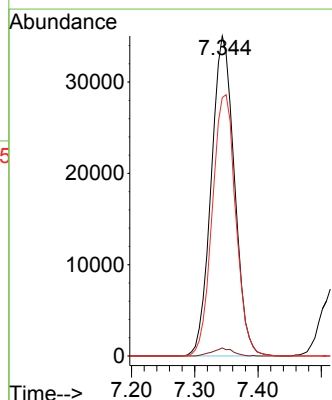
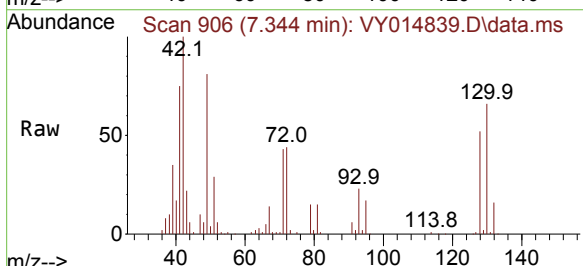
Tgt Ion: 49 Resp: 89142

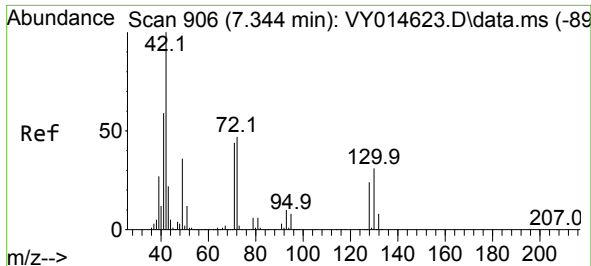
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.6 60.7 91.1

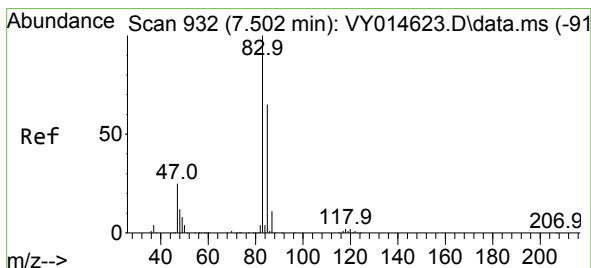
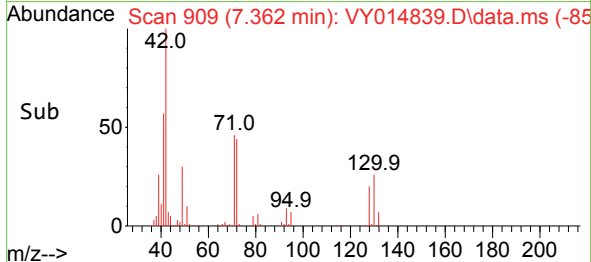
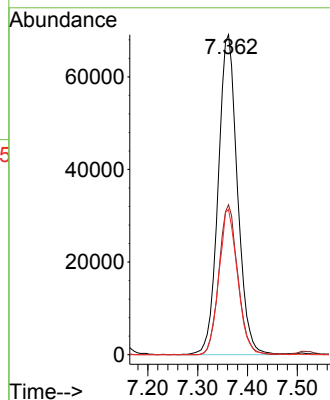
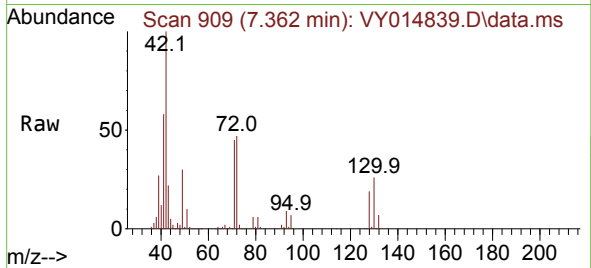




#29
Tetrahydrofuran
Concen: 298.736 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

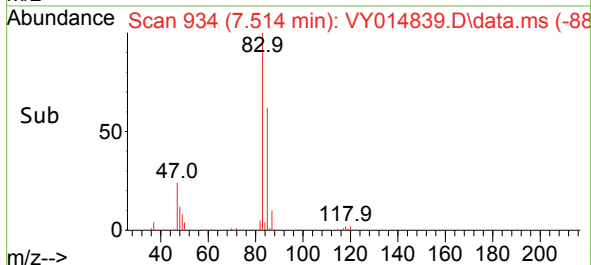
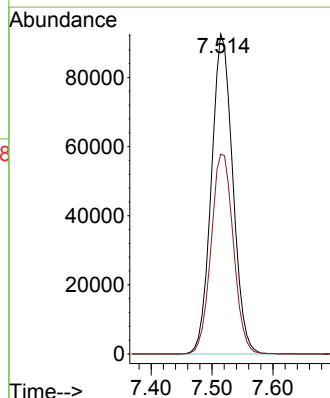
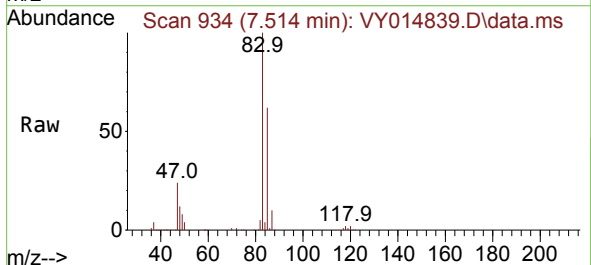
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

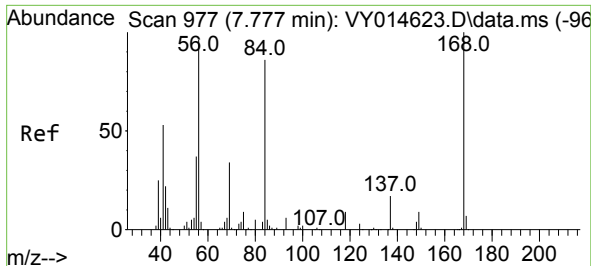
Tgt Ion: 42 Resp: 185433
Ion Ratio Lower Upper
42 100
72 45.9 32.8 49.2
71 44.2 31.0 46.4



#30
Chloroform
Concen: 56.424 ug/l
RT: 7.514 min Scan# 934
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 83 Resp: 225827
Ion Ratio Lower Upper
83 100
85 62.5 49.7 74.5

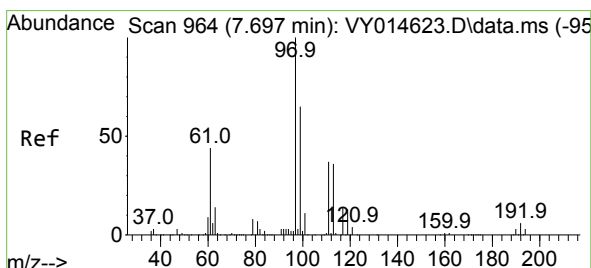
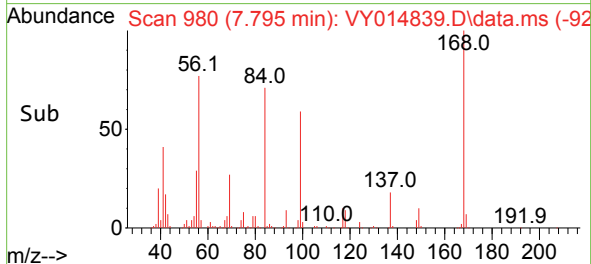
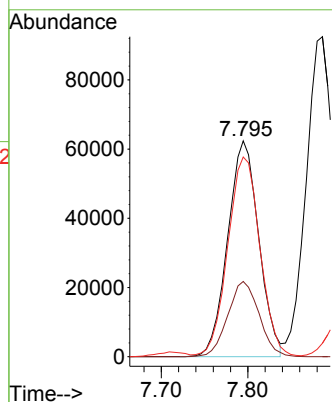
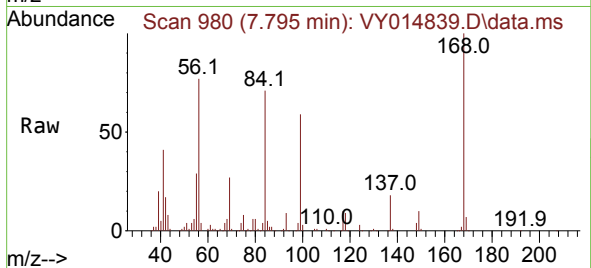




#31
Cyclohexane
Concen: 43.044 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

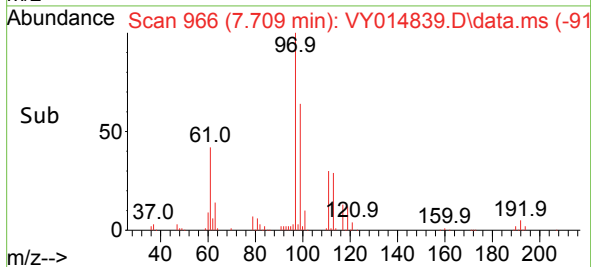
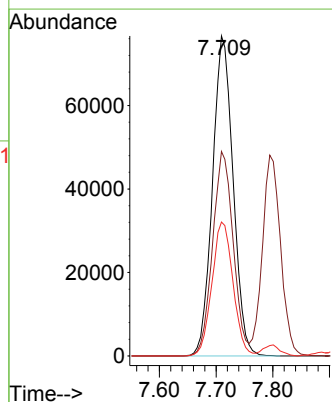
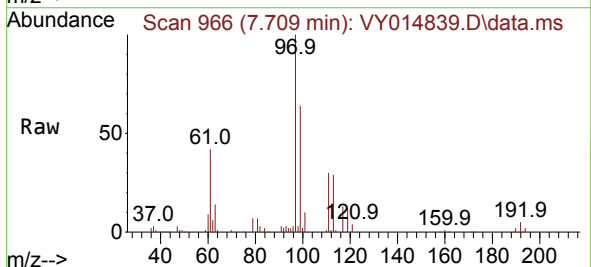
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

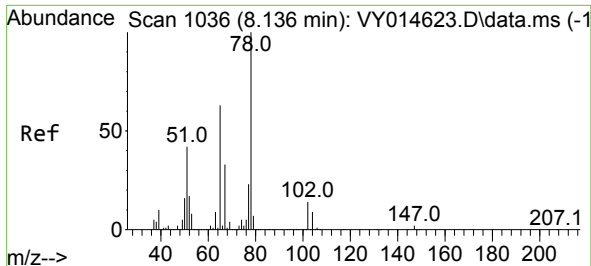
Tgt Ion: 56 Resp: 155371
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 90.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.685 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 97 Resp: 193382
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.9 35.1 52.7

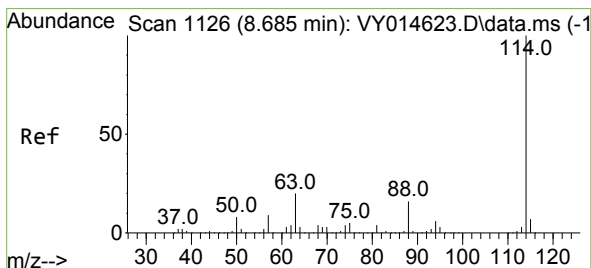
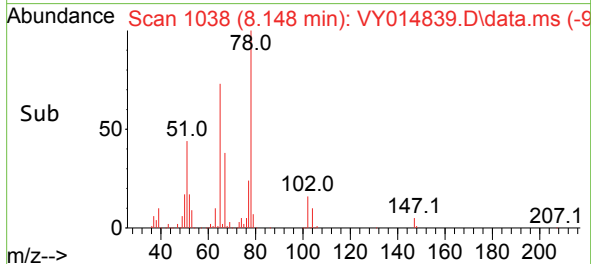
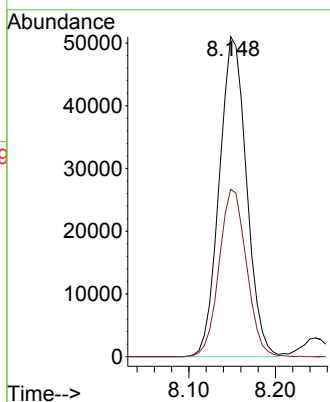
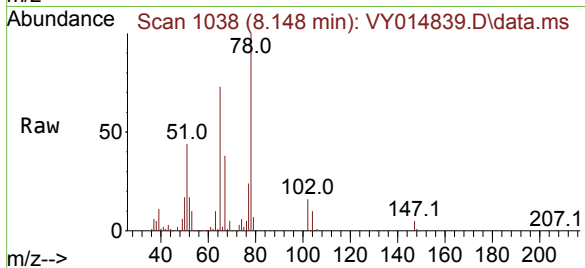




#33
 1,2-Dichloroethane-d4
 Concen: 51.269 ug/l
 RT: 8.148 min Scan# 111480
 Delta R.T. 0.012 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

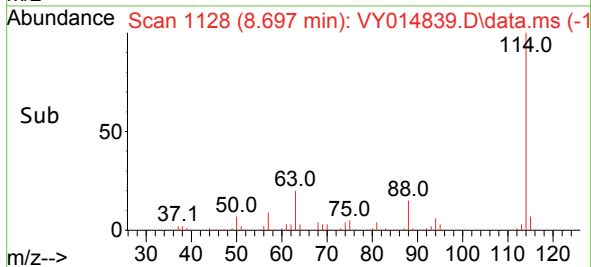
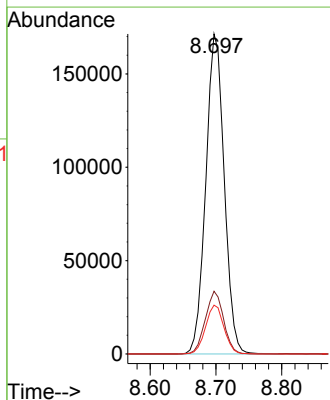
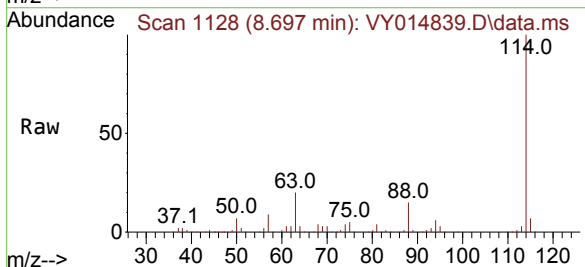
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

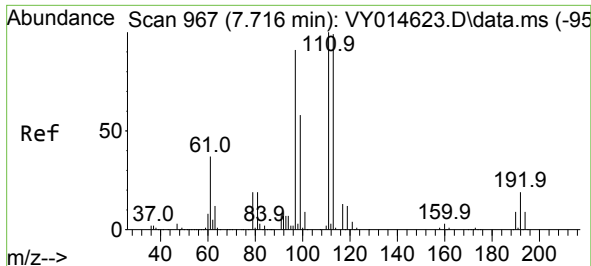
Tgt Ion: 65 Resp: 111480
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

Tgt Ion: 114 Resp: 334787
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.2 0.0 30.6

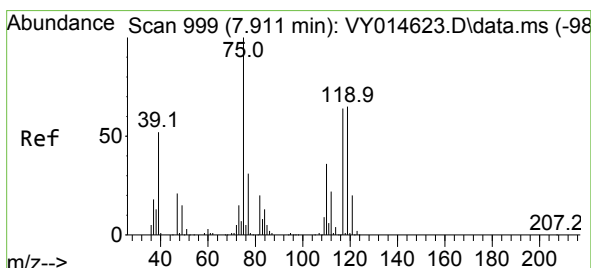
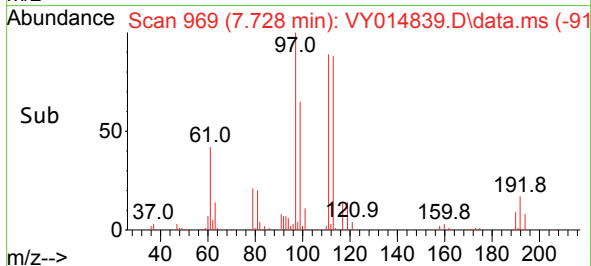
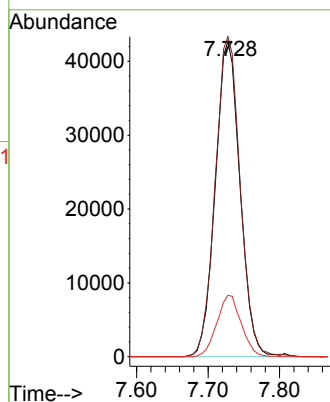
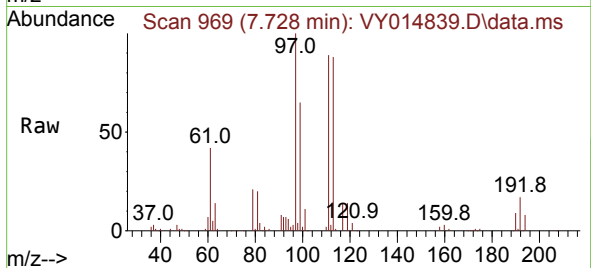




#35
Dibromofluoromethane
Concen: 47.896 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

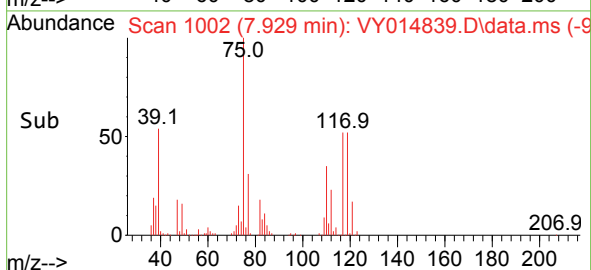
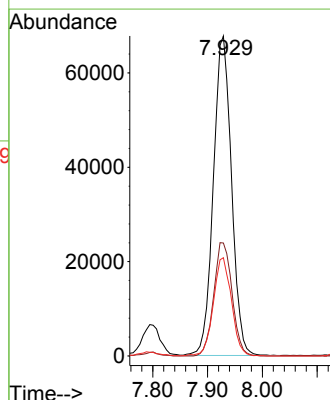
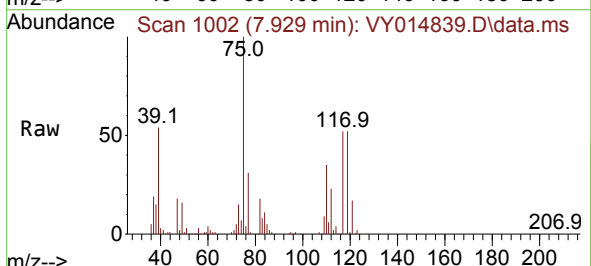
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

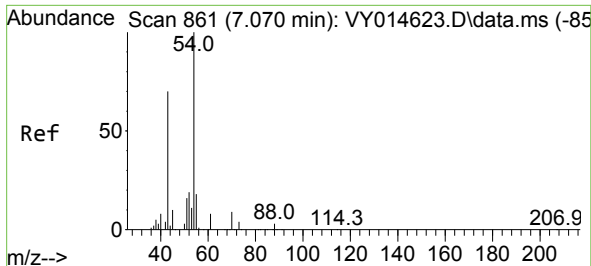
Tgt Ion:113 Resp: 102075
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.798 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 75 Resp: 155526
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 52.288 ug/l

RT: 7.087 min Scan# 861

Delta R.T. 0.017 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

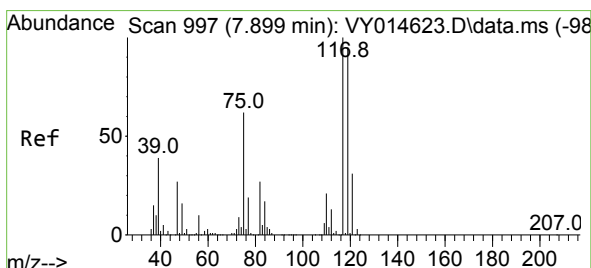
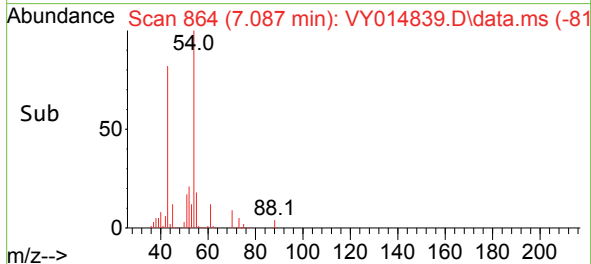
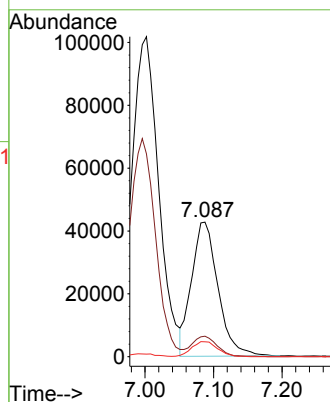
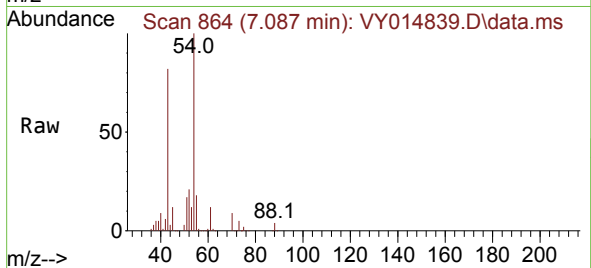
Tgt Ion: 43 Resp: 114736

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.066 ug/l

RT: 7.910 min Scan# 999

Delta R.T. 0.011 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

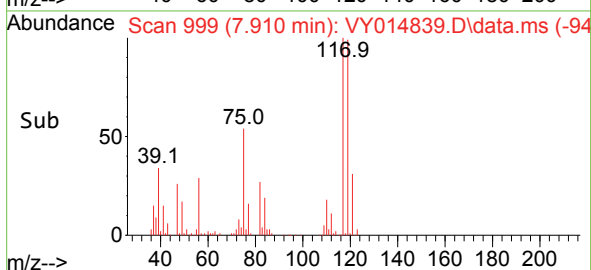
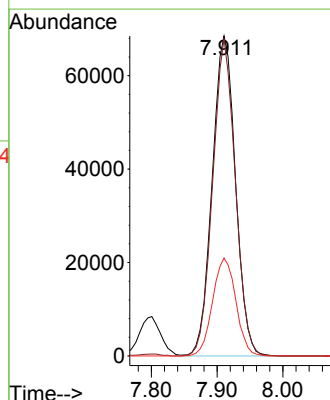
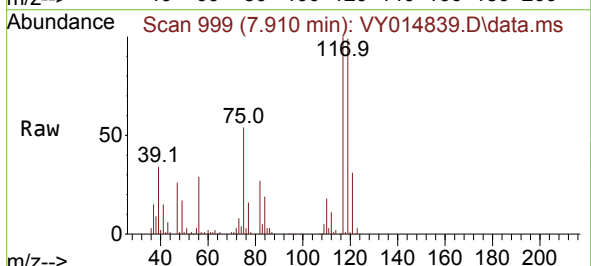
Tgt Ion: 117 Resp: 168673

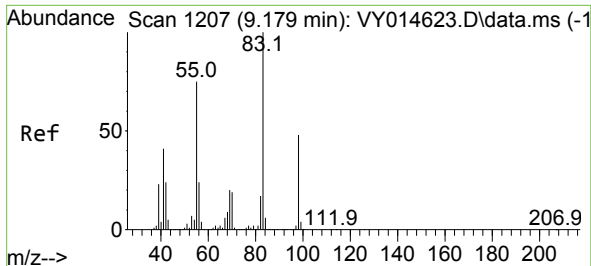
Ion Ratio Lower Upper

117 100

119 99.1 76.4 114.6

121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 43.645 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

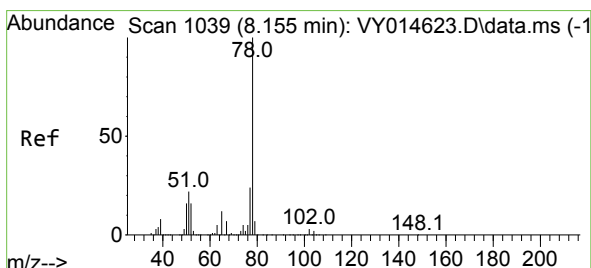
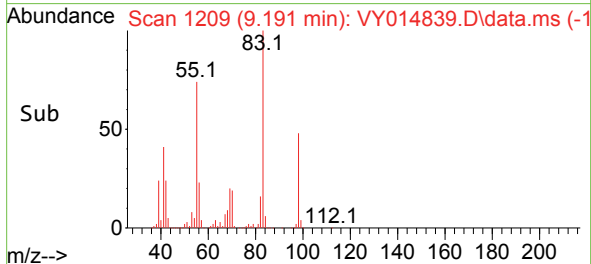
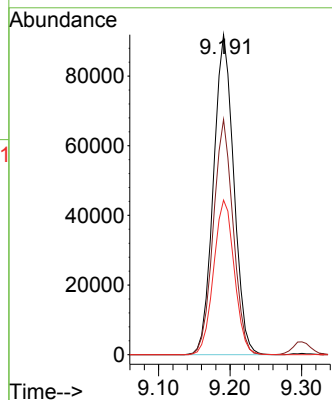
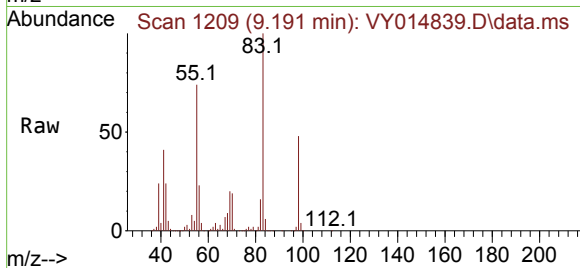
Tgt Ion: 83 Resp: 181221

Ion Ratio Lower Upper

83 100

55 73.5 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 51.856 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.018 min

Lab File: VY014839.D

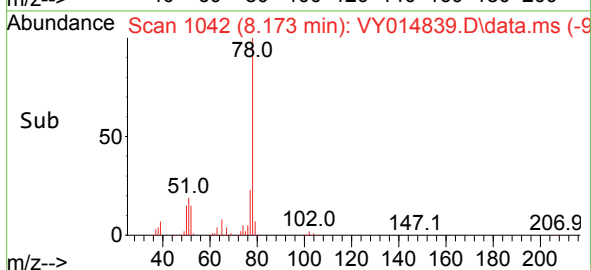
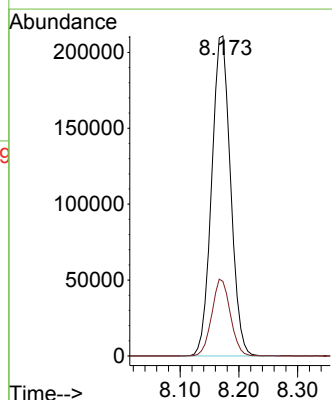
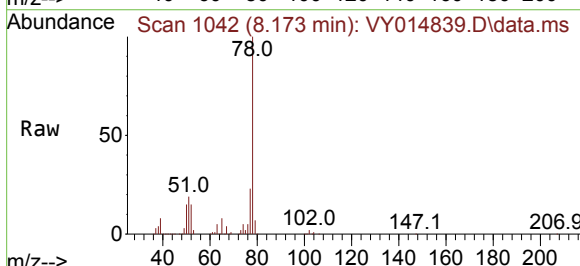
Acq: 26 Jul 2023 06:39

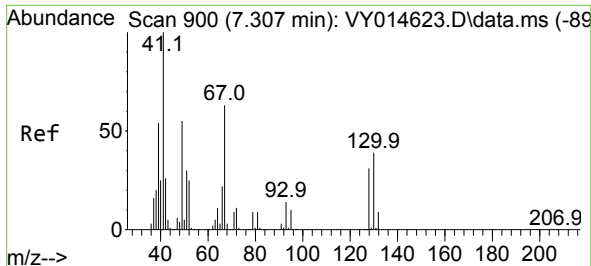
Tgt Ion: 78 Resp: 470035

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

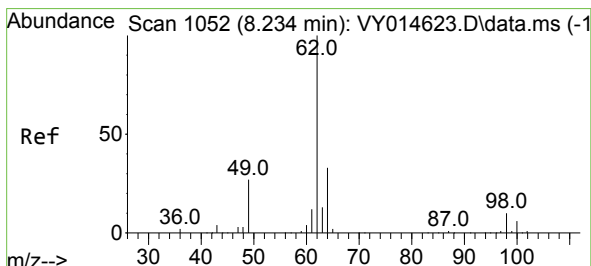
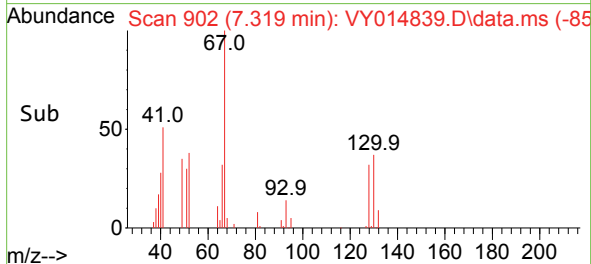
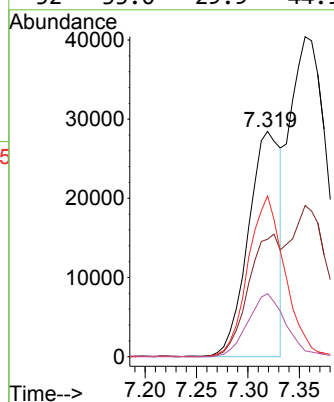
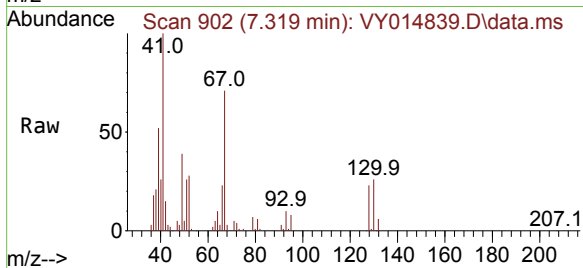




#41
Methacrylonitrile
Concen: 54.916 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

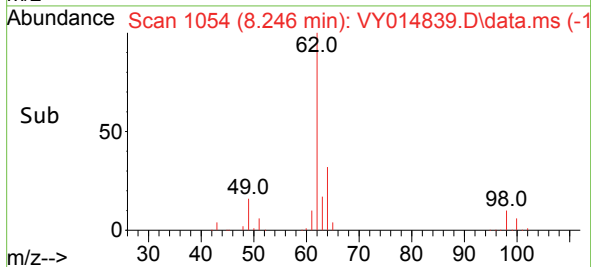
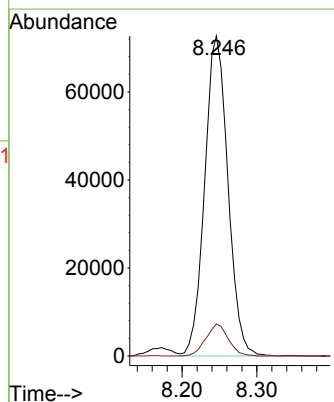
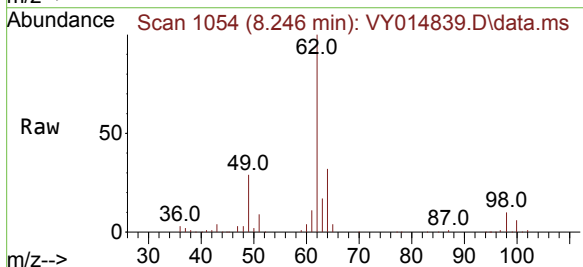
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

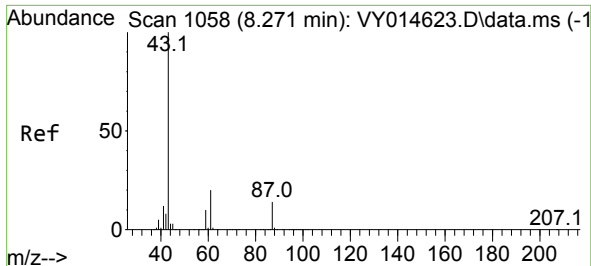
Tgt Ion:	41	Resp:	61982
Ion	Ratio	Lower	Upper
41	100		
39	54.1	52.1	78.1
67	81.8	66.2	99.2
52	33.0	29.9	44.9



#42
1,2-Dichloroethane
Concen: 54.753 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

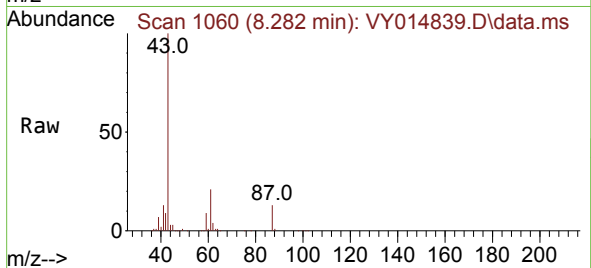
Tgt Ion:	62	Resp:	157163
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



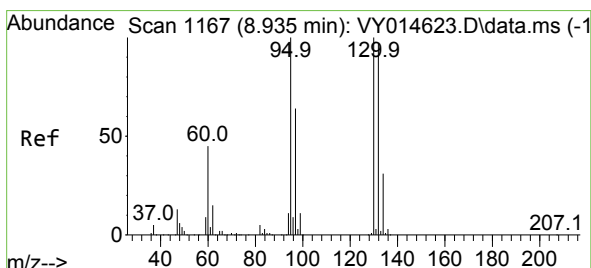
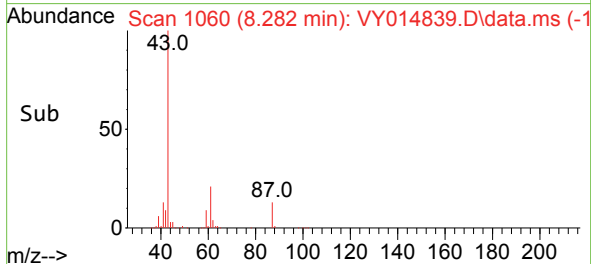
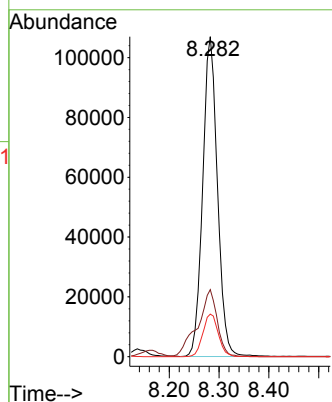


#43
Isopropyl Acetate
Concen: 52.565 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. 0.011 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

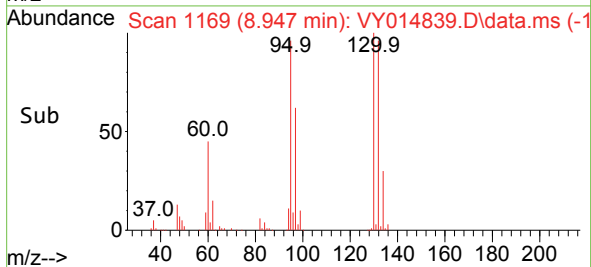
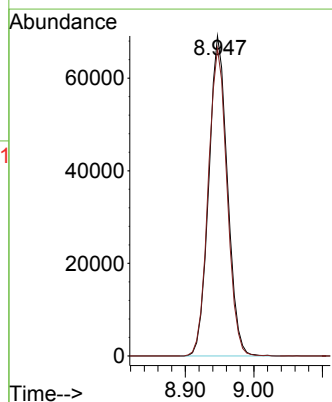
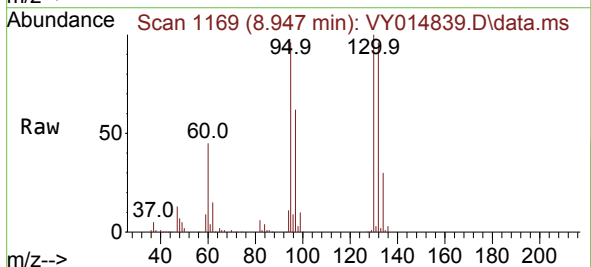


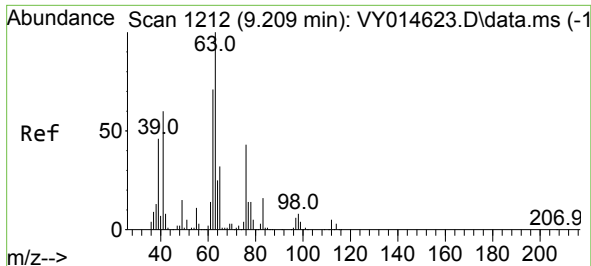
Tgt Ion: 43 Resp: 219720
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 51.520 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 130 Resp: 130661
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0

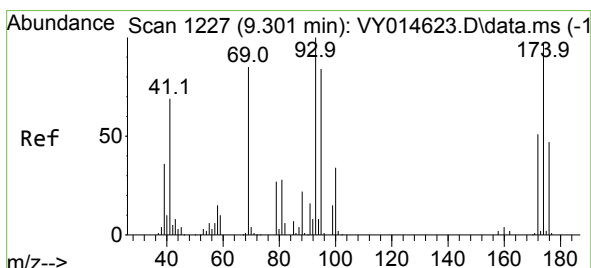
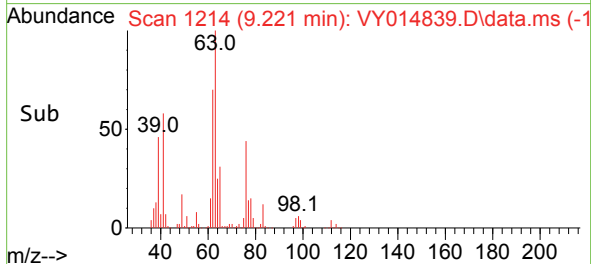
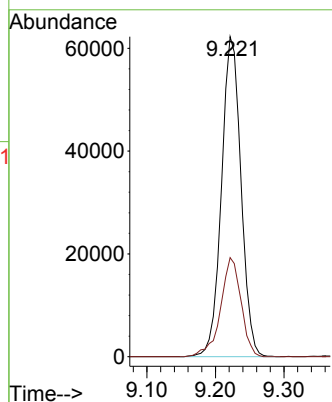
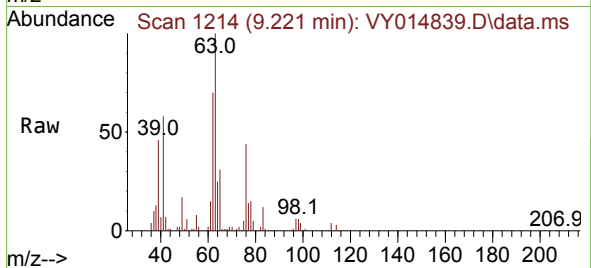




#45
1,2-Dichloropropane
Concen: 51.815 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

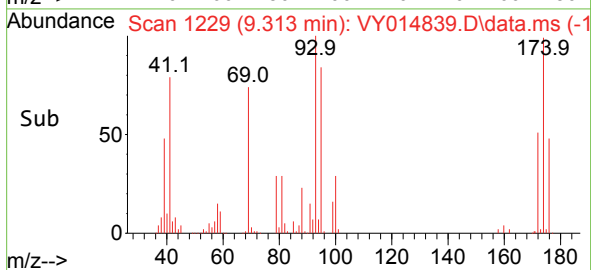
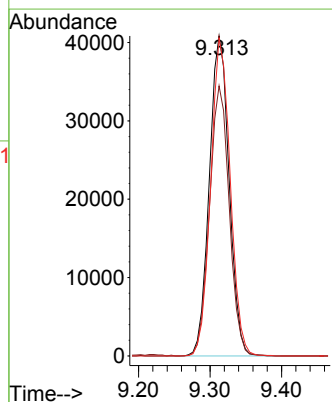
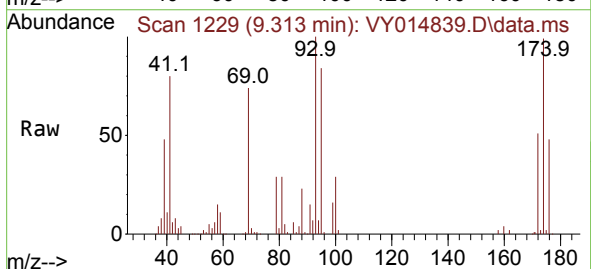
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

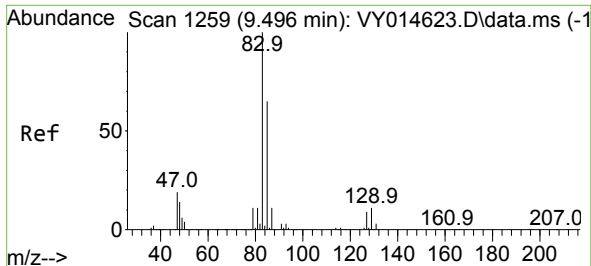
Tgt Ion: 63 Resp: 122640
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 54.590 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 93 Resp: 78384
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 98.2 84.8 127.2

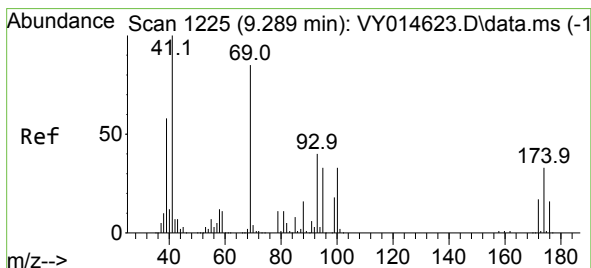
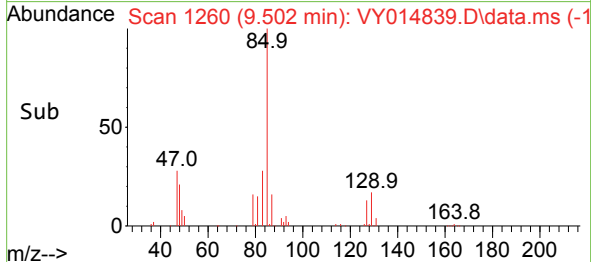
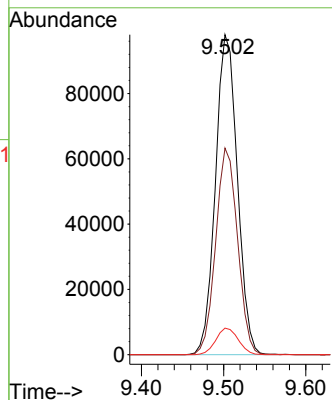
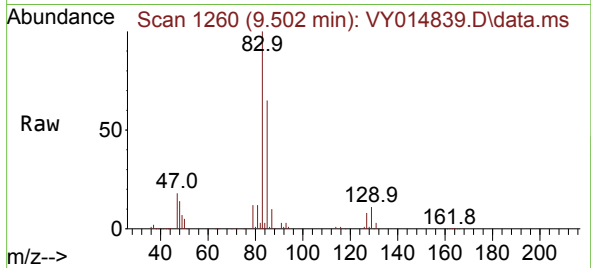




#47
Bromodichloromethane
Concen: 53.742 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

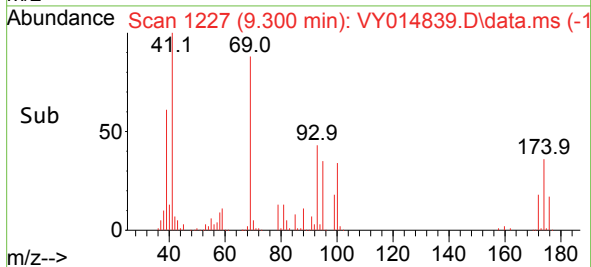
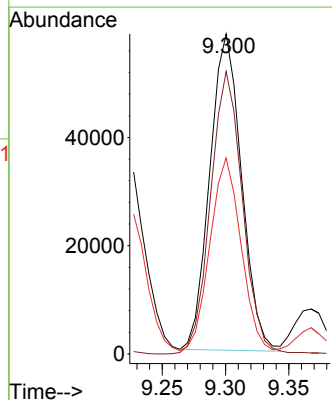
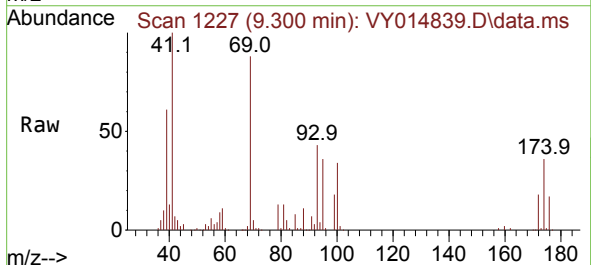
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

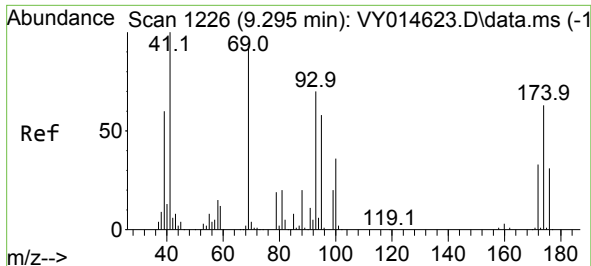
Tgt Ion: 83 Resp: 181875
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 54.267 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. 0.011 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 41 Resp: 102069
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 61.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1146.959 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

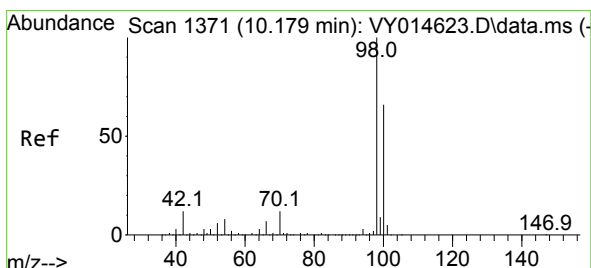
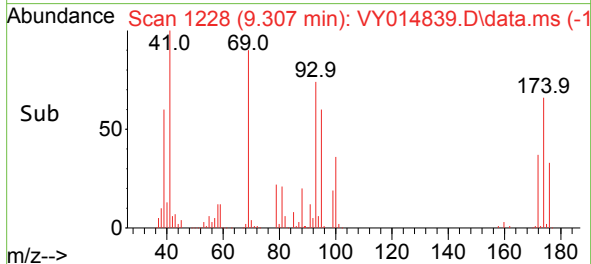
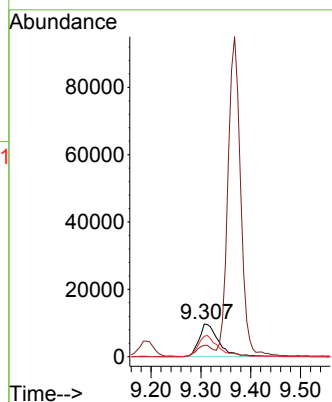
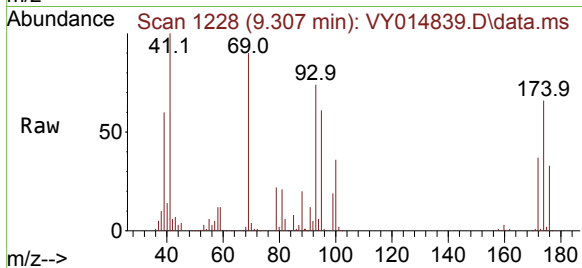
Tgt Ion: 88 Resp: 26854

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 65.9 30.9 46.3#



#50

Toluene-d8

Concen: 46.215 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. 0.005 min

Lab File: VY014839.D

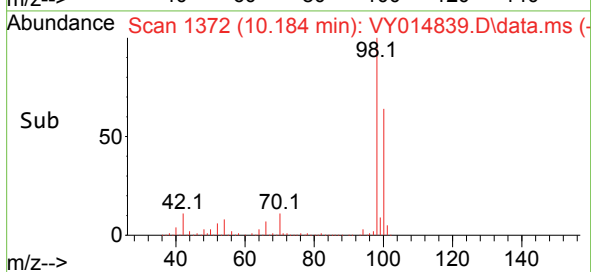
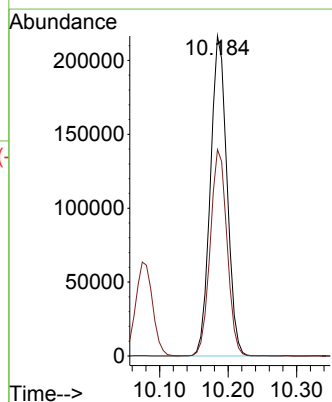
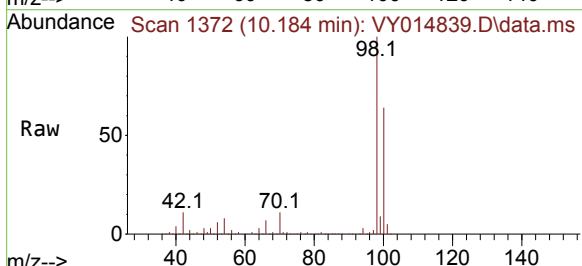
Acq: 26 Jul 2023 06:39

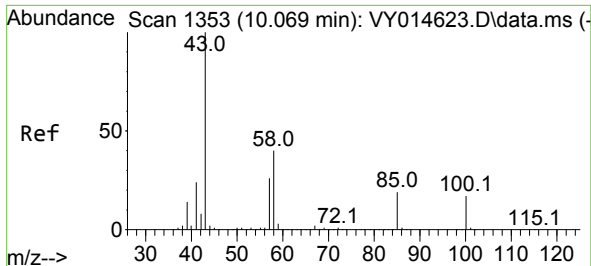
Tgt Ion: 98 Resp: 363118

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

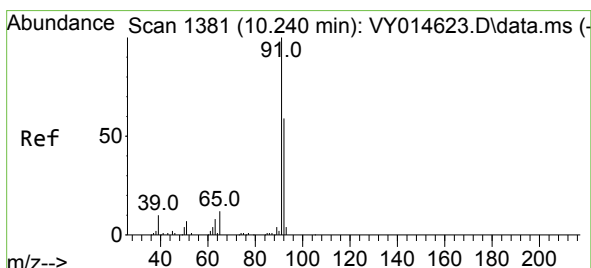
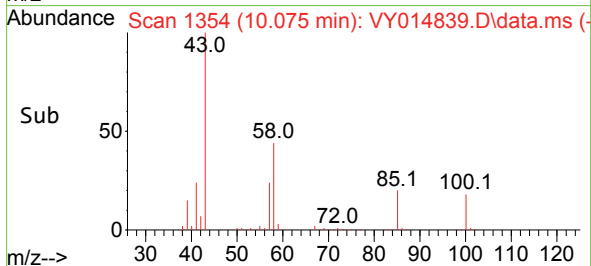
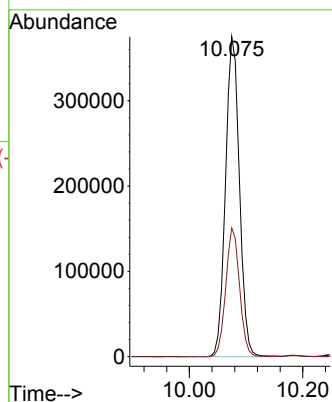
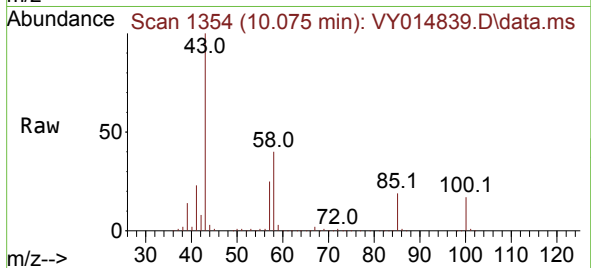




#51
4-Methyl-2-Pentanone
Concen: 290.686 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

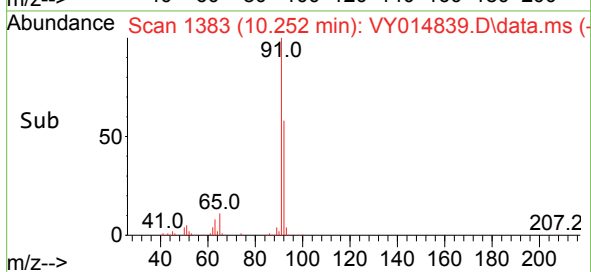
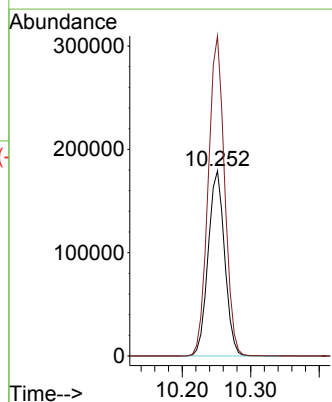
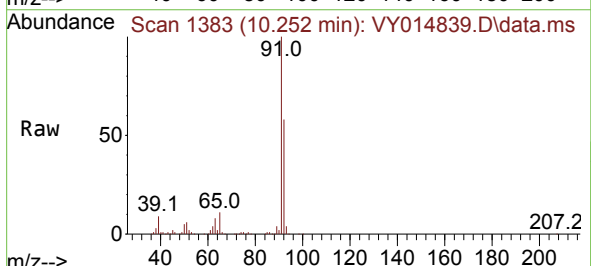
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

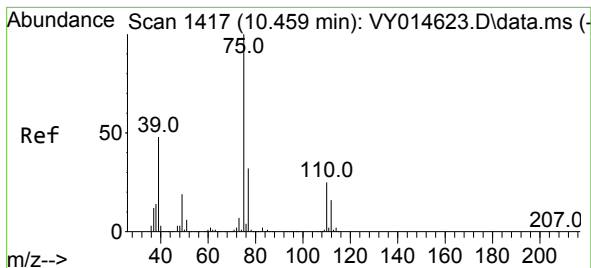
Tgt Ion: 43 Resp: 637960
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 51.607 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 92 Resp: 299335
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

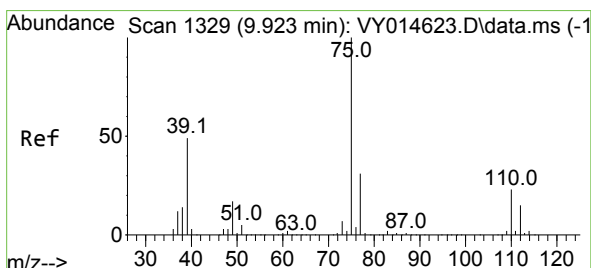
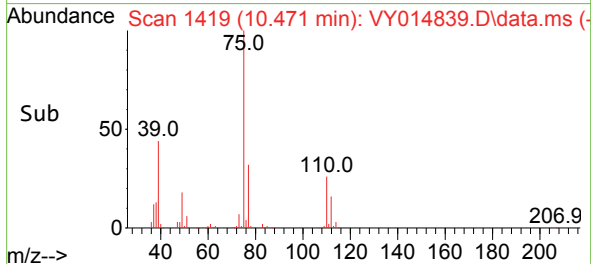
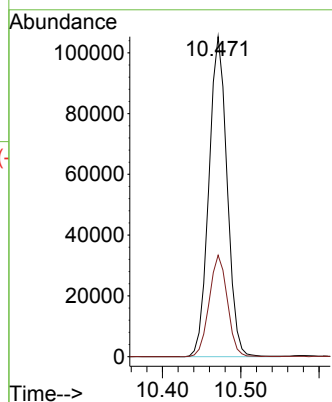
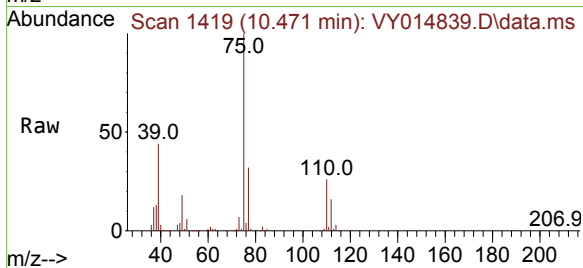




#53
 t-1,3-Dichloropropene
 Concen: 45.932 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

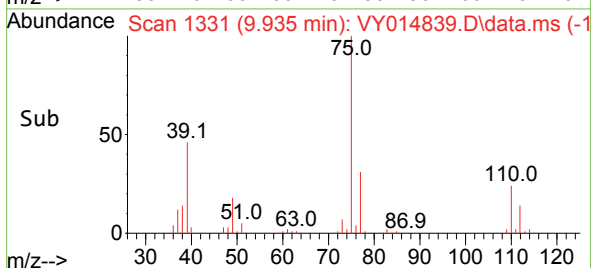
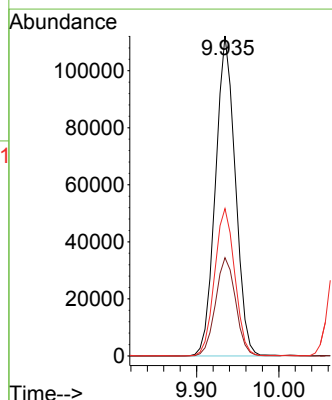
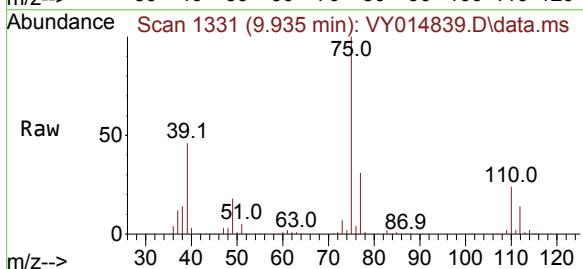
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

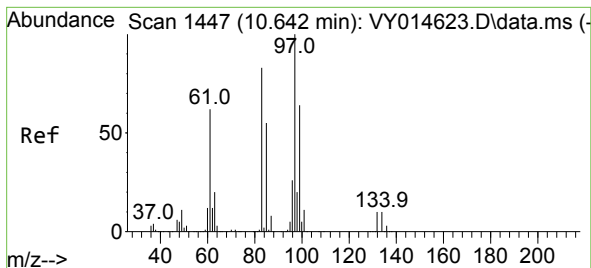
Tgt Ion: 75 Resp: 170029
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.754 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY014839.D
 Acq: 26 Jul 2023 06:39

Tgt Ion: 75 Resp: 188212
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 46.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 55.664 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 111335

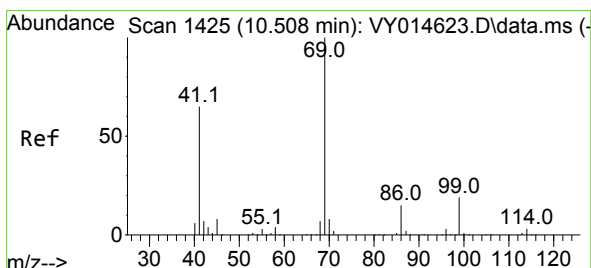
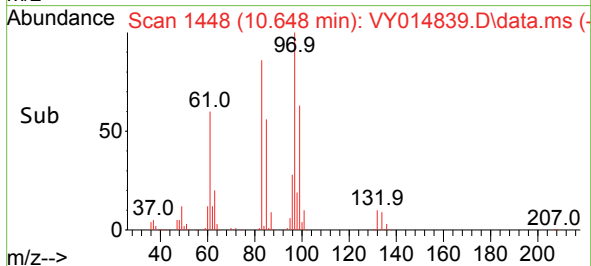
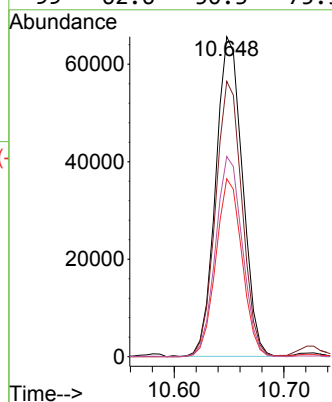
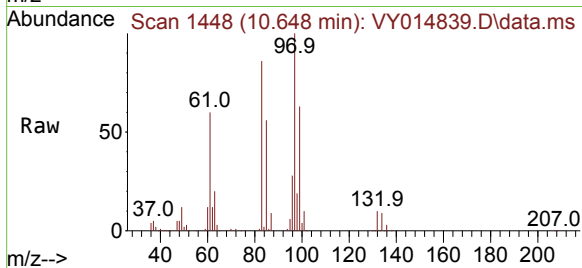
Ion Ratio Lower Upper

97 100

83 86.2 72.0 108.0

85 55.7 45.4 68.0

99 62.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.250 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

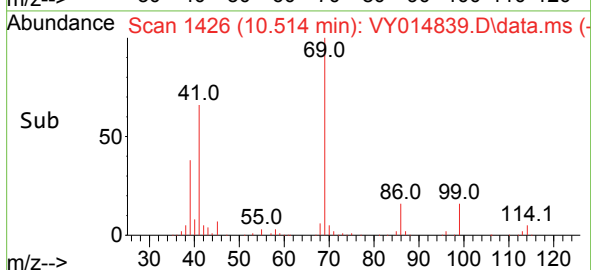
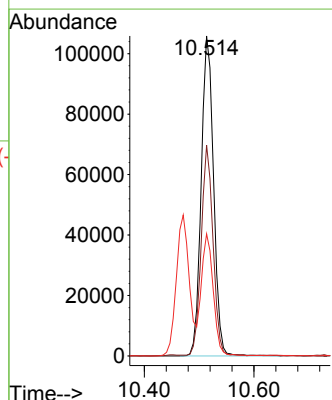
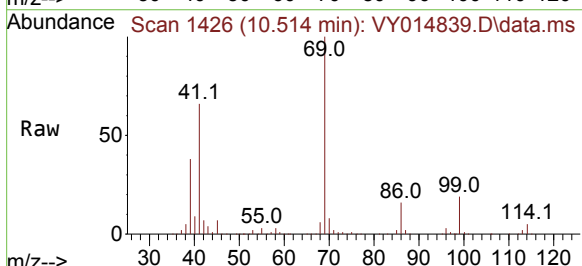
Tgt Ion: 69 Resp: 165672

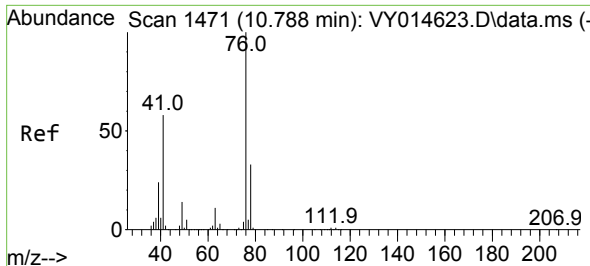
Ion Ratio Lower Upper

69 100

41 62.8 57.6 86.4

39 35.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 54.308 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

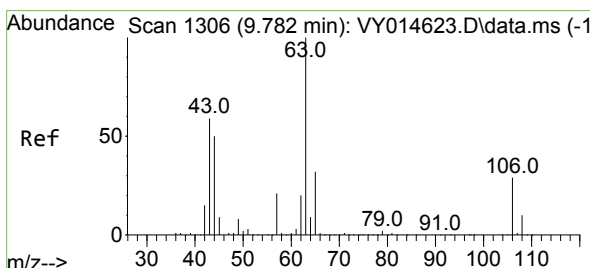
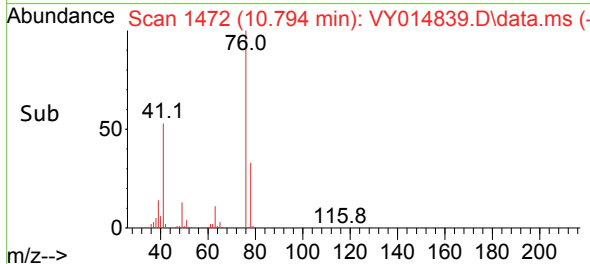
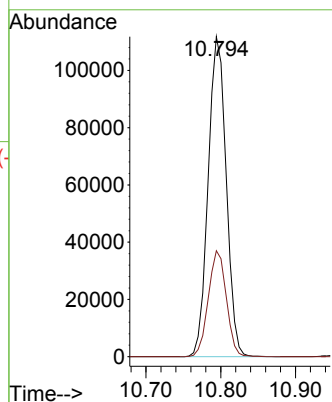
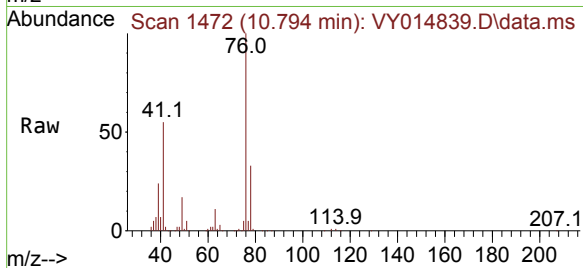
VSTDCCC050EC

Tgt Ion: 76 Resp: 187354

Ion Ratio Lower Upper

76 100

78 33.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 247.809 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY014839.D

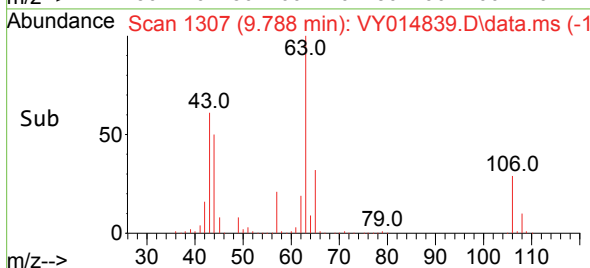
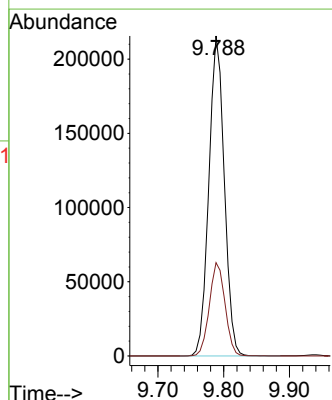
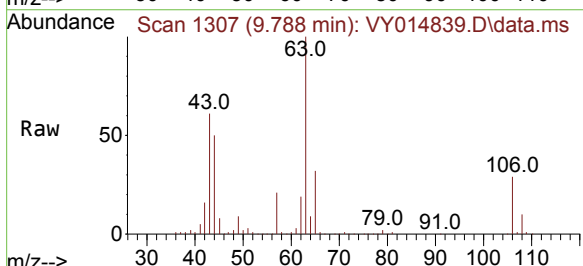
Acq: 26 Jul 2023 06:39

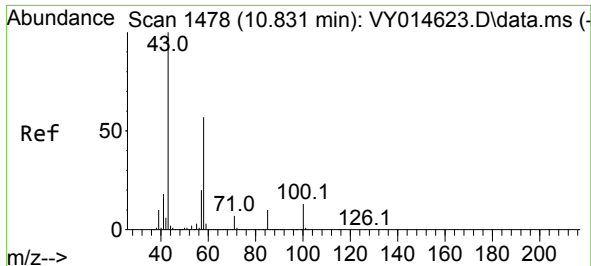
Tgt Ion: 63 Resp: 352613

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8

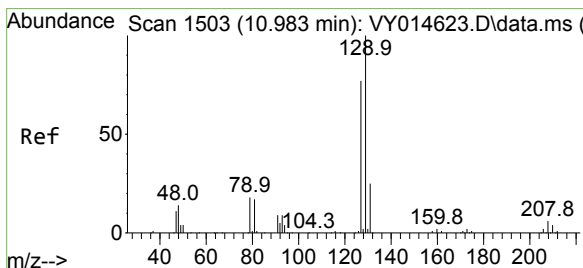
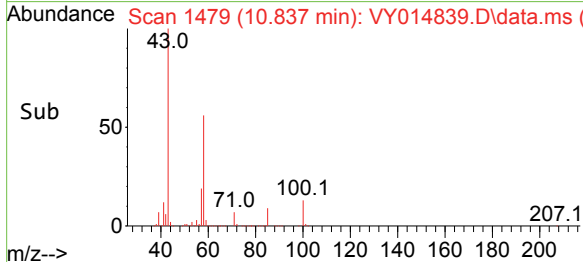
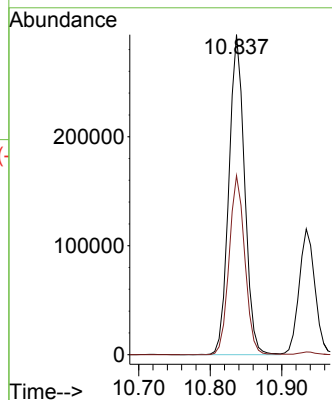
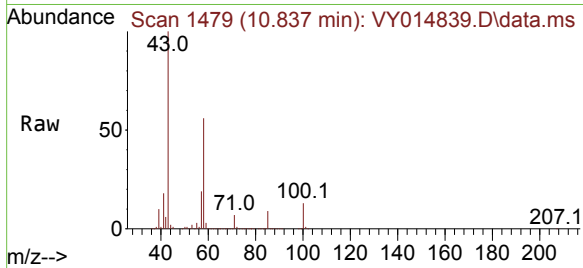




#59
2-Hexanone
Concen: 279.365 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

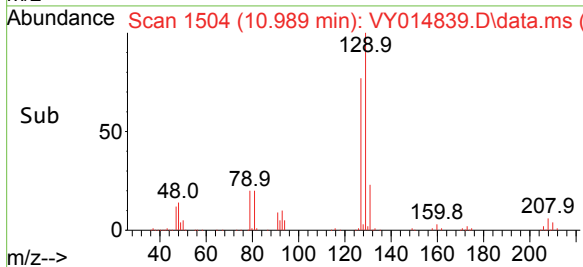
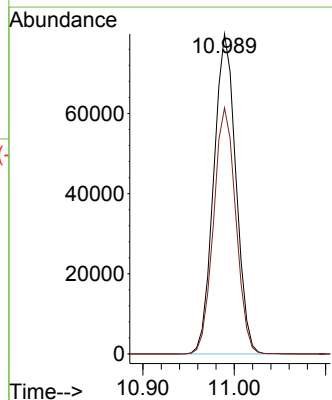
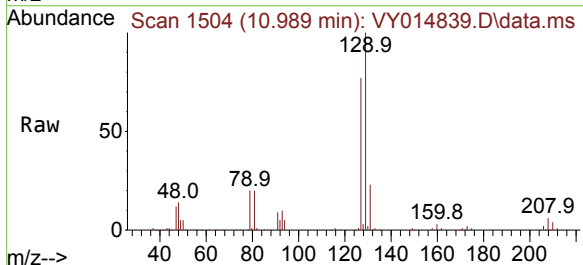
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

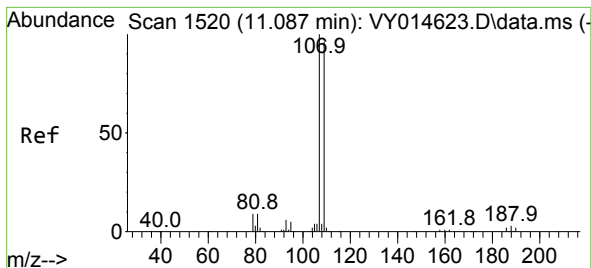
Tgt Ion: 43 Resp: 447116
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 54.800 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:129 Resp: 134385
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.628 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

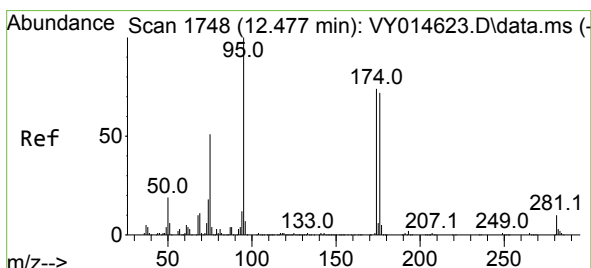
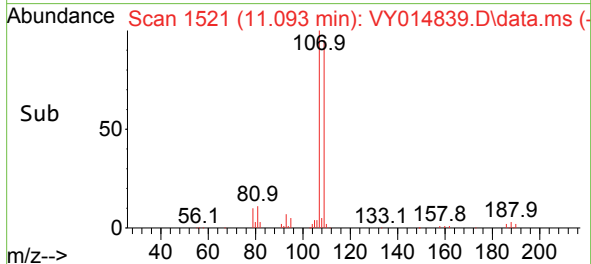
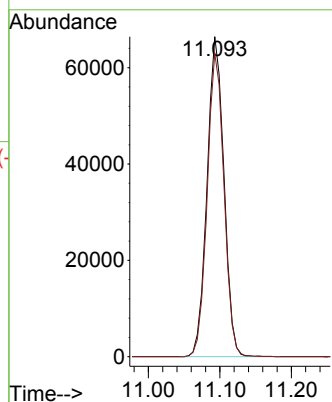
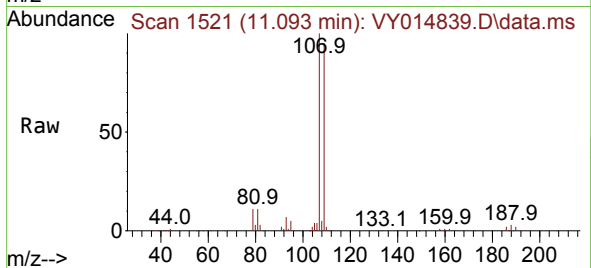
VSTDCCC050EC

Tgt Ion:107 Resp: 109001

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 44.020 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

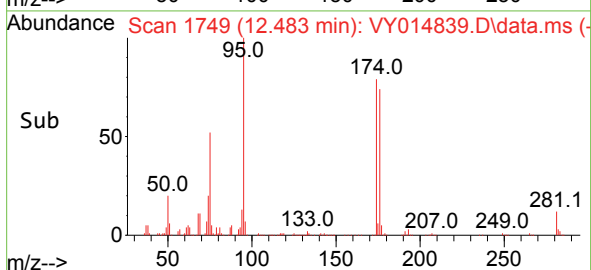
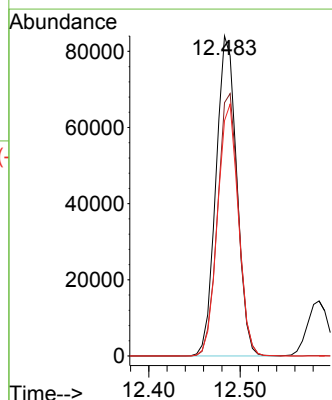
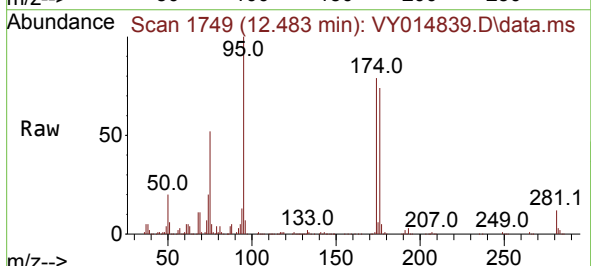
Tgt Ion: 95 Resp: 132620

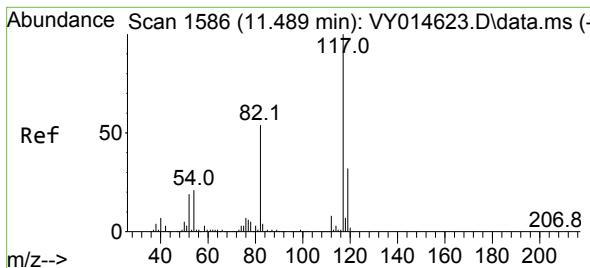
Ion Ratio Lower Upper

95 100

174 82.5 0.0 178.2

176 78.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

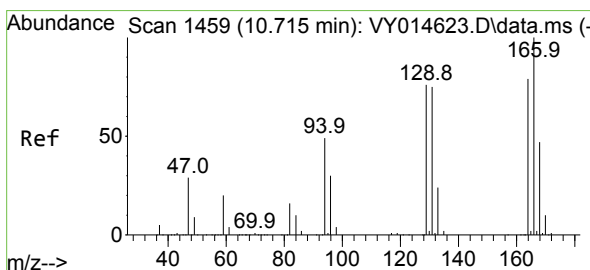
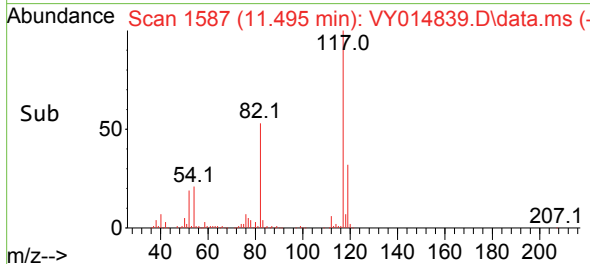
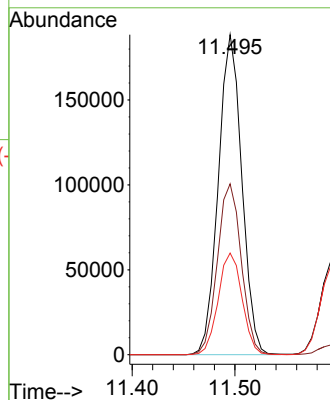
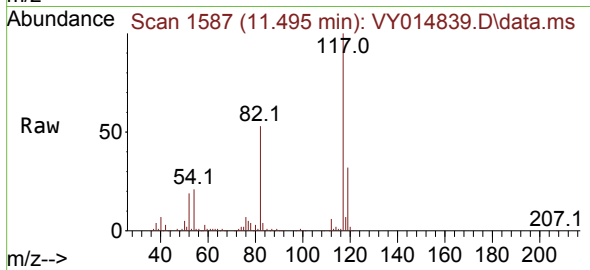
Tgt Ion:117 Resp: 299234

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 56.074 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion:164 Resp: 134950

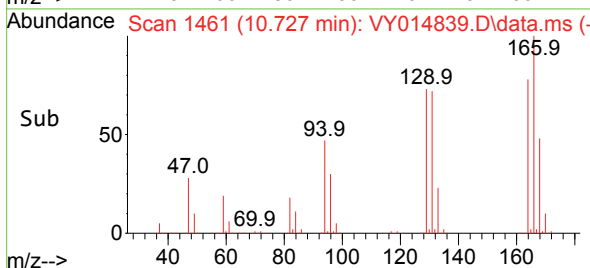
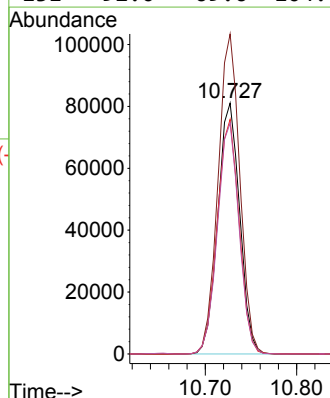
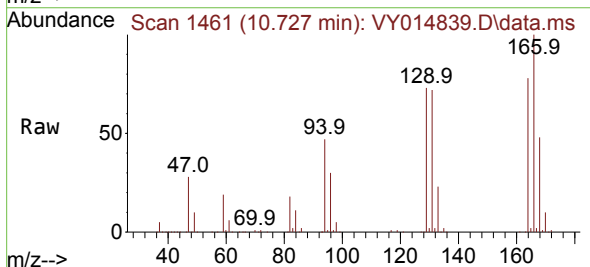
Ion Ratio Lower Upper

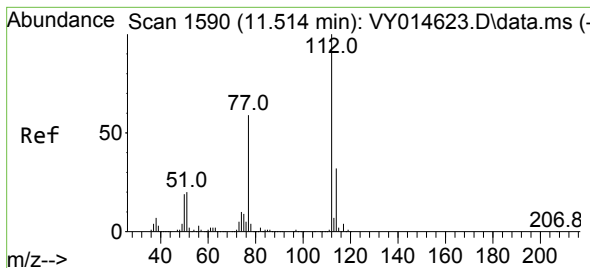
164 100

166 127.5 103.0 154.6

129 93.5 77.2 115.8

131 92.0 69.6 104.4

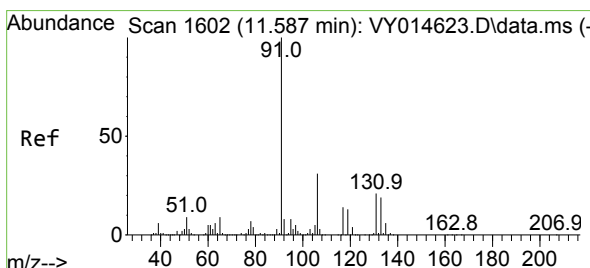
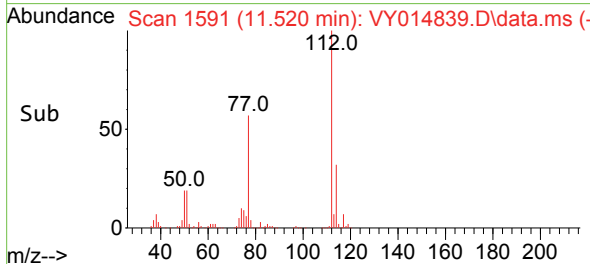
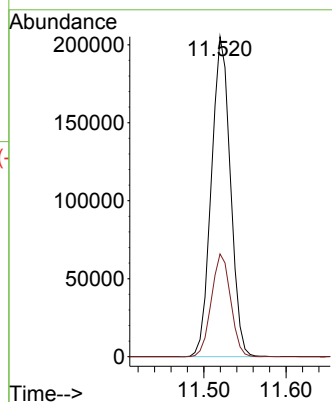
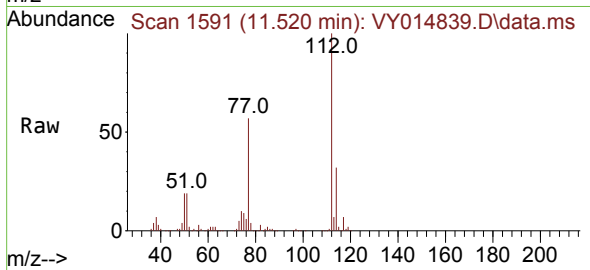




#65
Chlorobenzene
Concen: 51.753 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

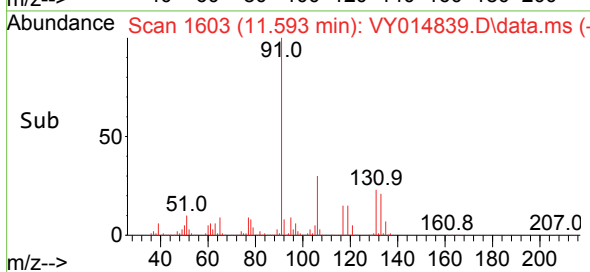
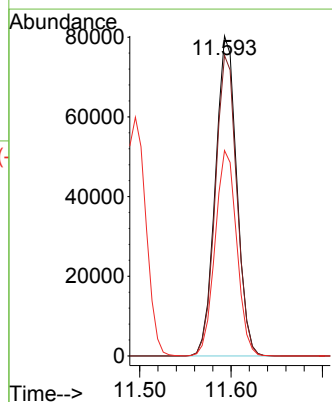
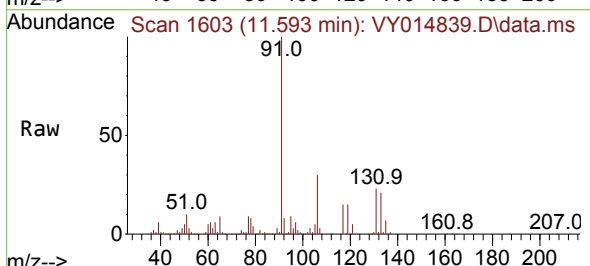
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

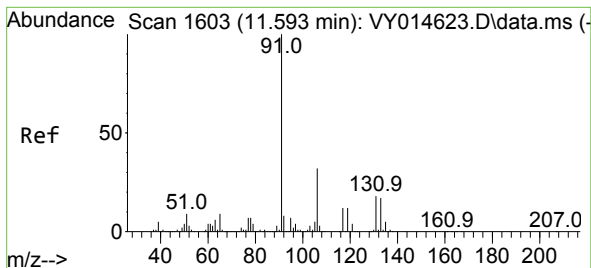
Tgt Ion:112 Resp: 330007
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.179 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:131 Resp: 130260
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 50.583 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

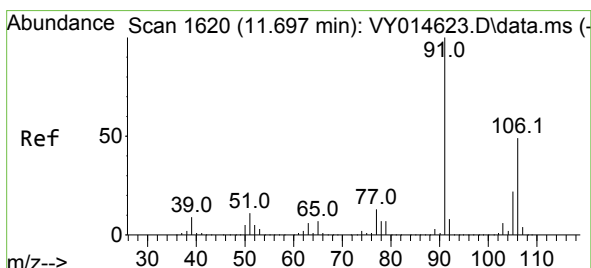
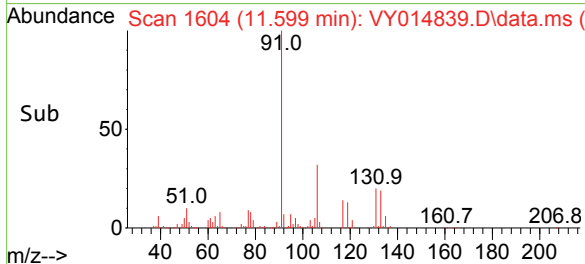
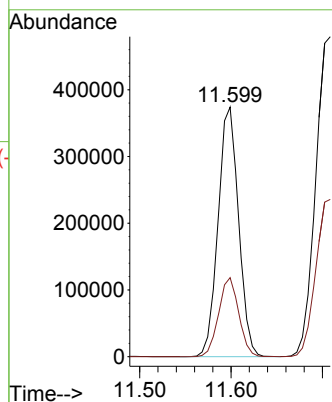
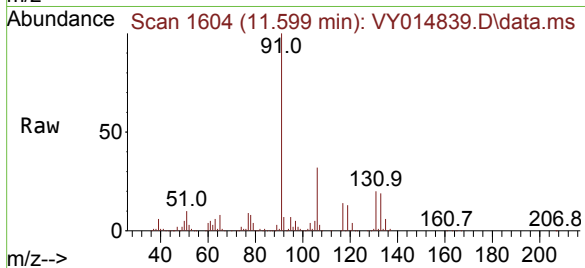
VSTDCCC050EC

Tgt Ion: 91 Resp: 582359

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 101.021 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.012 min

Lab File: VY014839.D

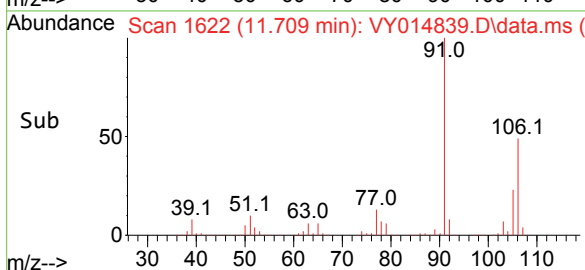
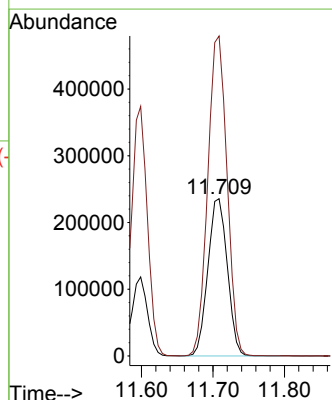
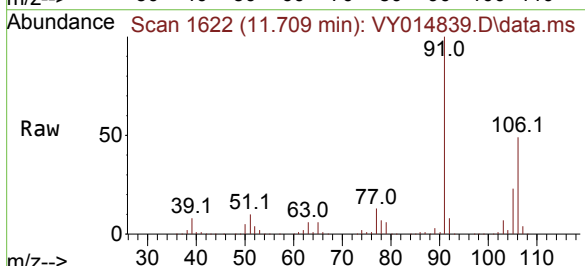
Acq: 26 Jul 2023 06:39

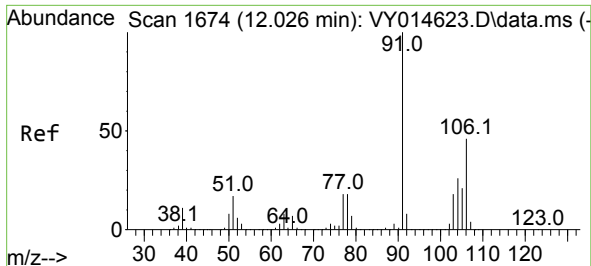
Tgt Ion:106 Resp: 443965

Ion Ratio Lower Upper

106 100

91 201.8 166.1 249.1

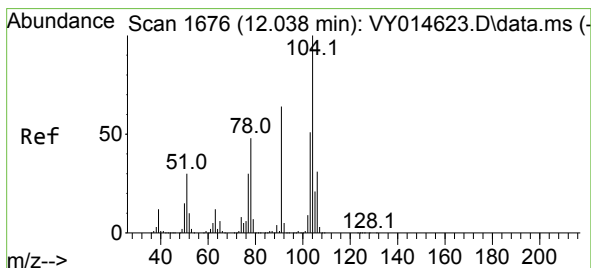
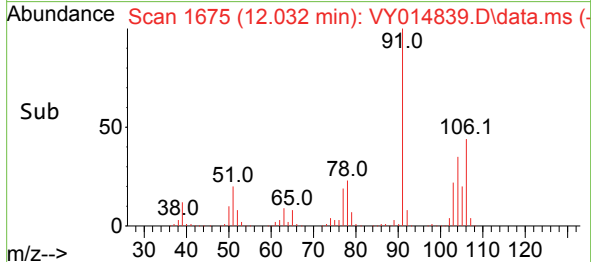
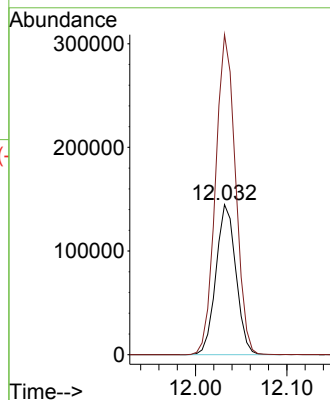
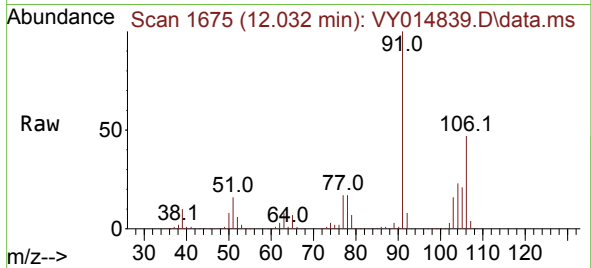




#69
o-Xylene
Concen: 51.332 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

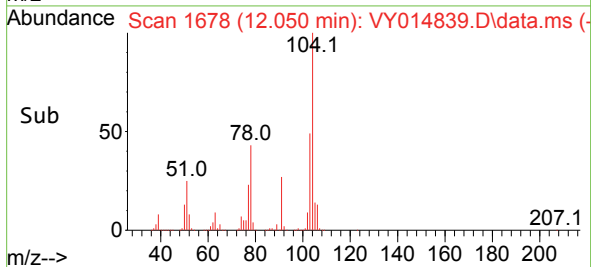
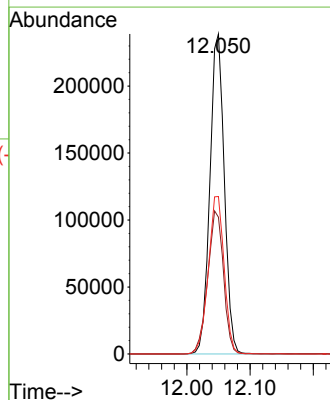
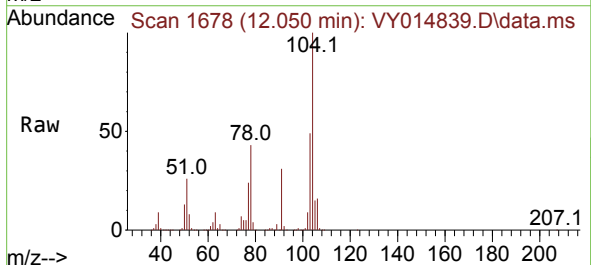
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

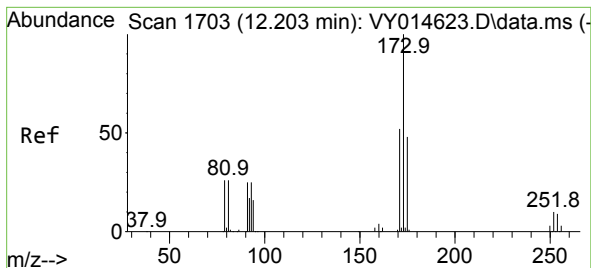
Tgt Ion:106 Resp: 219731
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3



#70
Styrene
Concen: 52.509 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:104 Resp: 378833
Ion Ratio Lower Upper
104 100
78 49.0 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 54.228 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

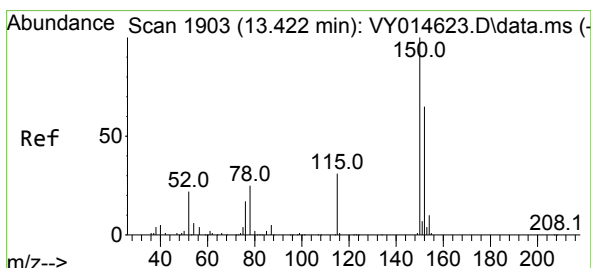
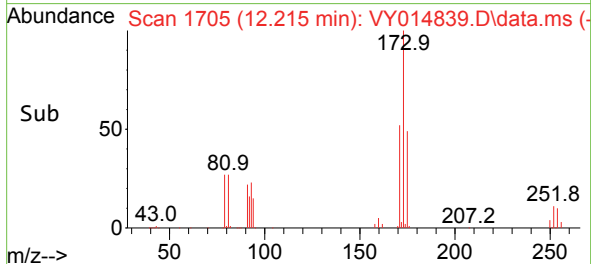
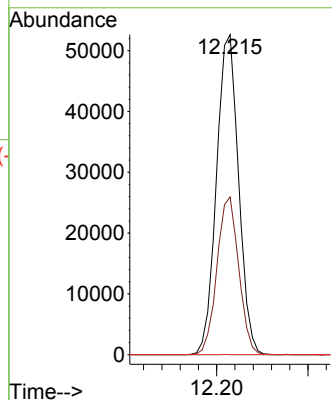
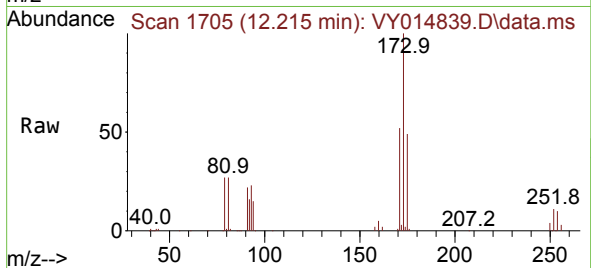
Tgt Ion:173 Resp: 88374

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 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: VY014839.D

Acq: 26 Jul 2023 06:39

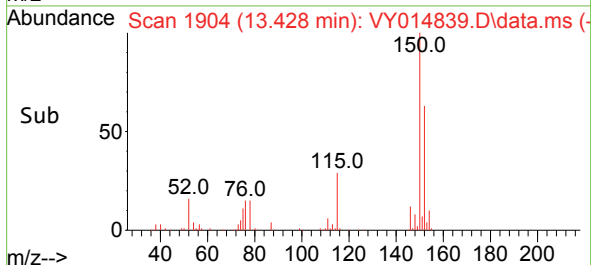
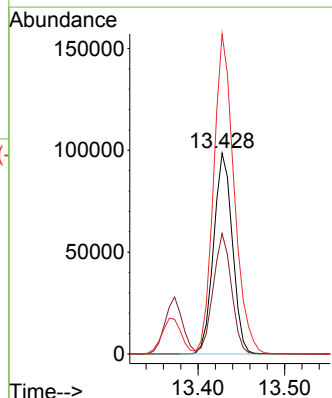
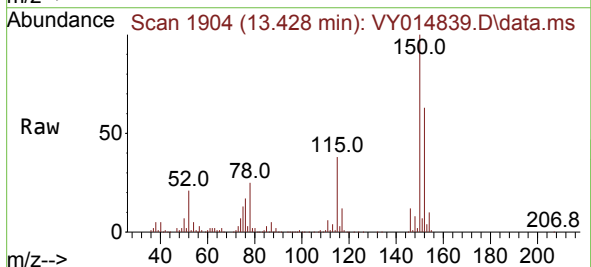
Tgt Ion:152 Resp: 148265

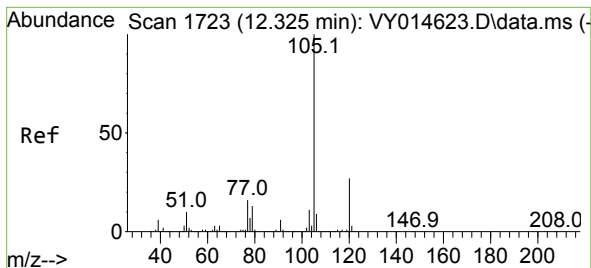
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 173.7 0.0 348.8





#73

Isopropylbenzene

Concen: 49.311 ug/l

RT: 12.330 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

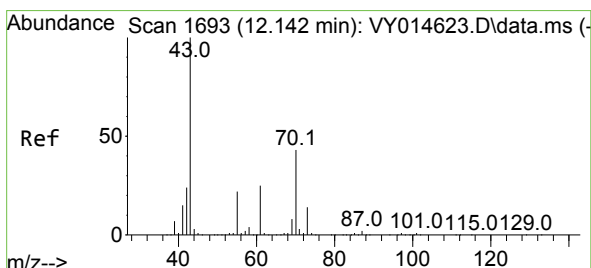
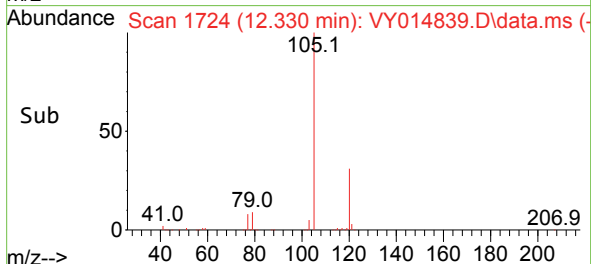
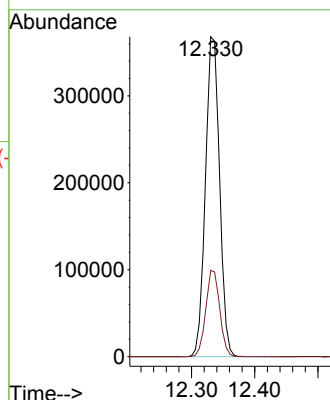
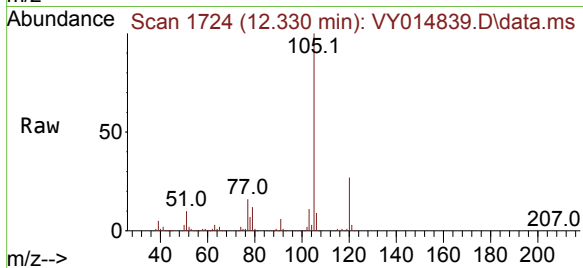
VSTDCCC050EC

Tgt Ion:105 Resp: 572464

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 45.055 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion: 43 Resp: 175180

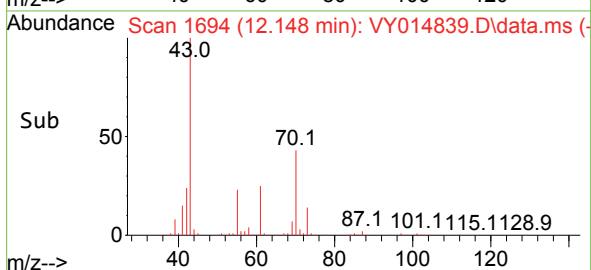
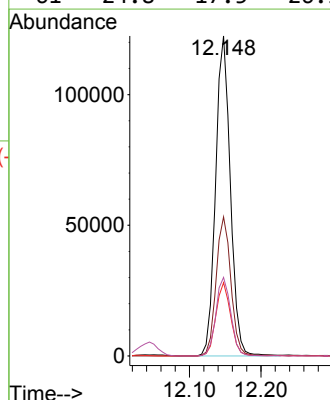
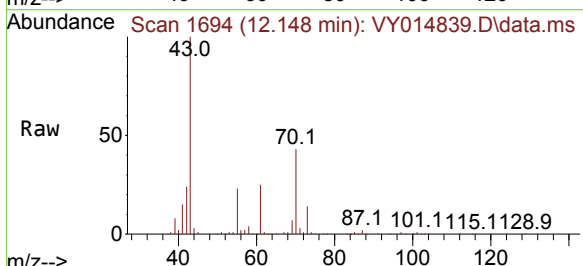
Ion Ratio Lower Upper

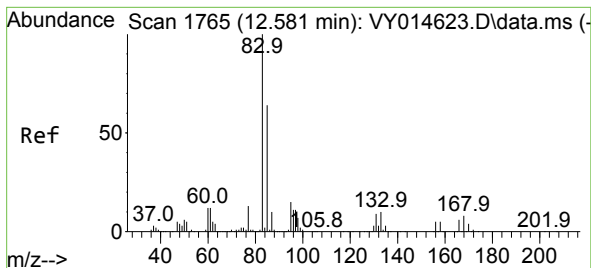
43 100

70 43.8 29.7 44.5

55 23.0 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.027 ug/l

RT: 12.586 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

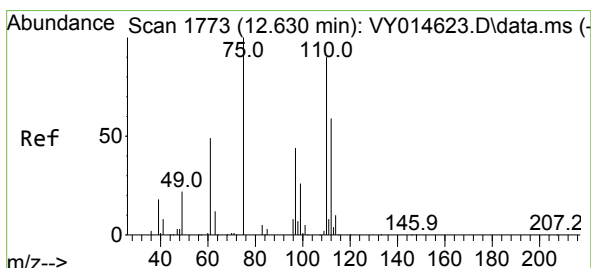
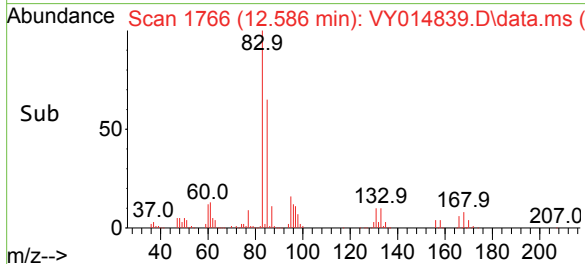
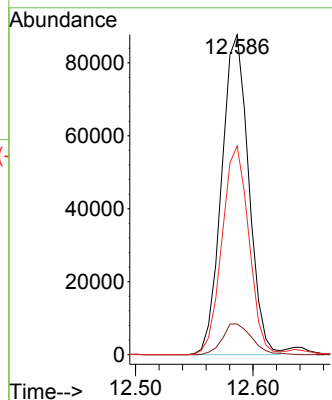
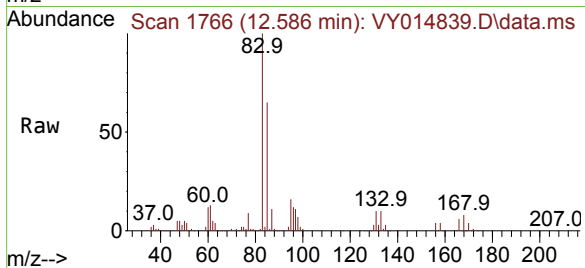
Tgt Ion: 83 Resp: 140384

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.942 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.005 min

Lab File: VY014839.D

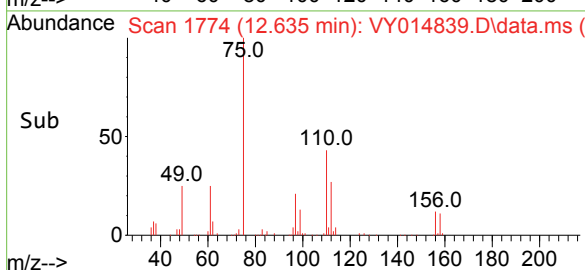
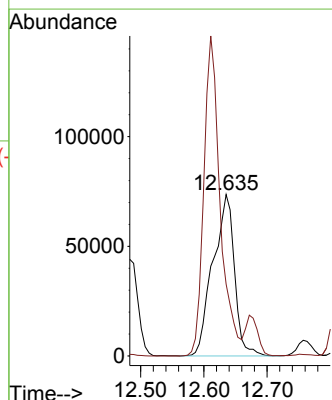
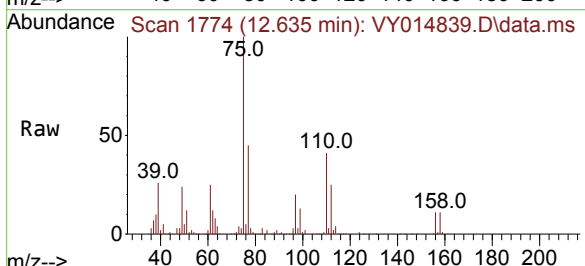
Acq: 26 Jul 2023 06:39

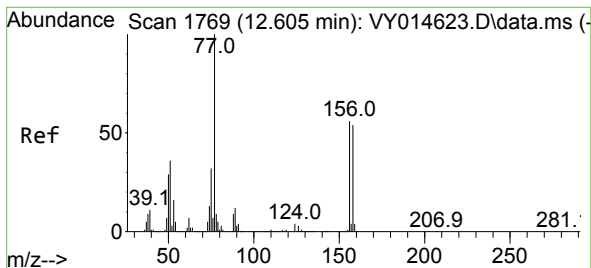
Tgt Ion: 75 Resp: 174039

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.518 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

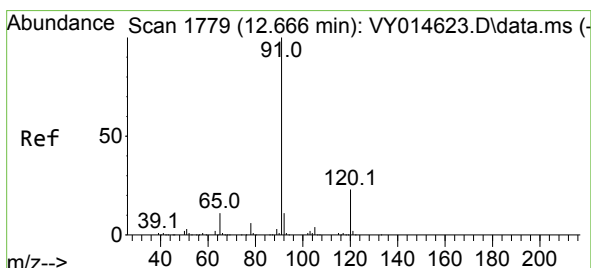
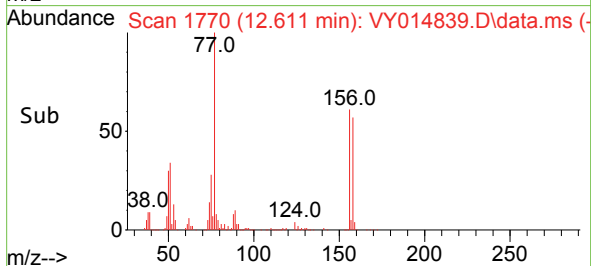
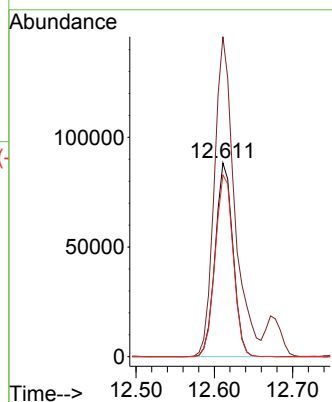
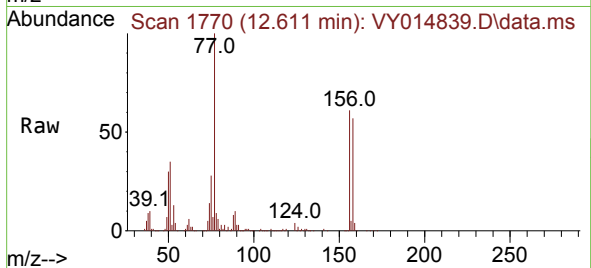
Tgt Ion:156 Resp: 139173

Ion Ratio Lower Upper

156 100

77 189.2 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 48.469 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014839.D

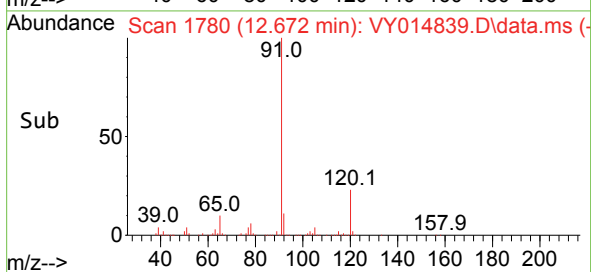
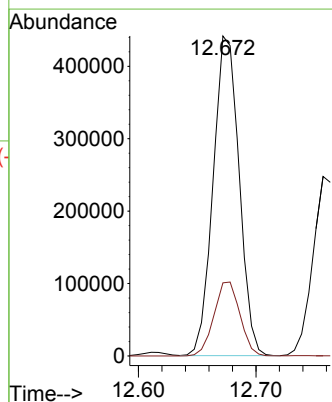
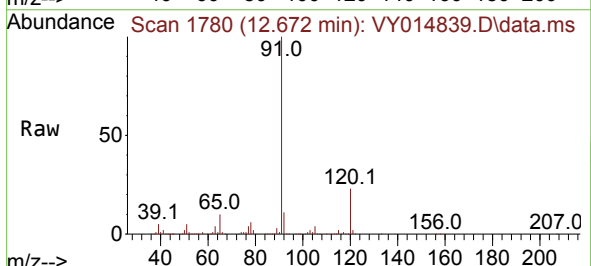
Acq: 26 Jul 2023 06:39

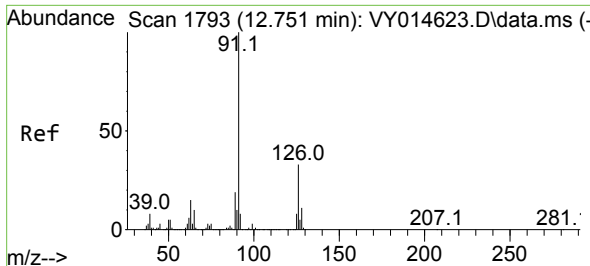
Tgt Ion: 91 Resp: 678038

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

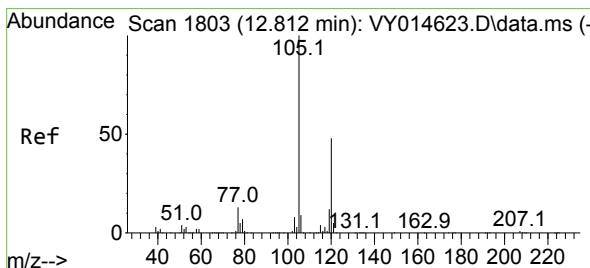
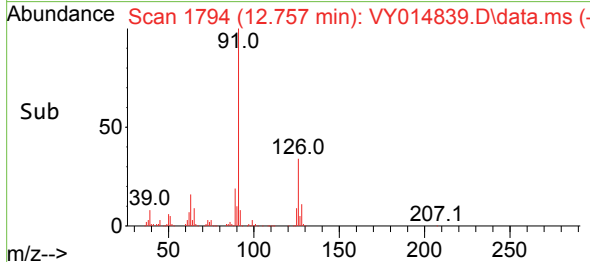
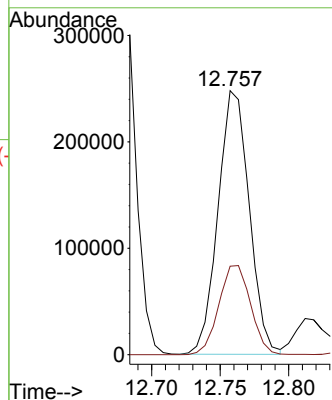
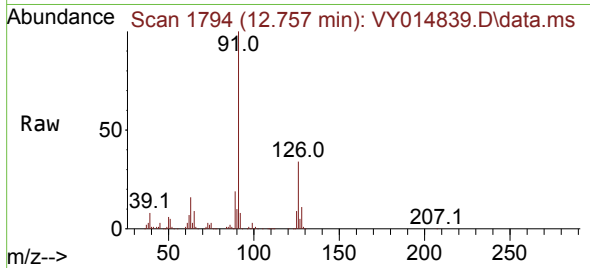




#79
2-Chlorotoluene
Concen: 48.817 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

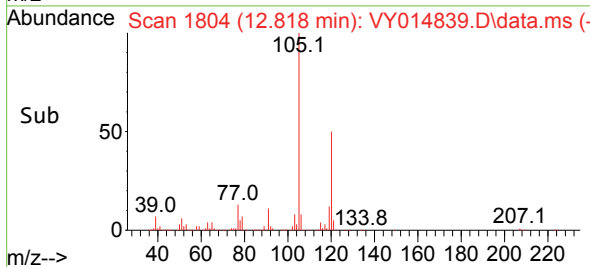
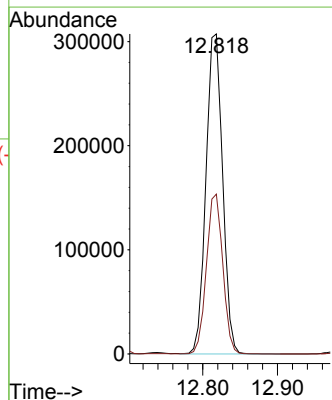
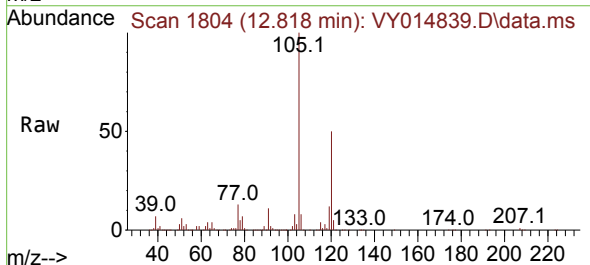
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

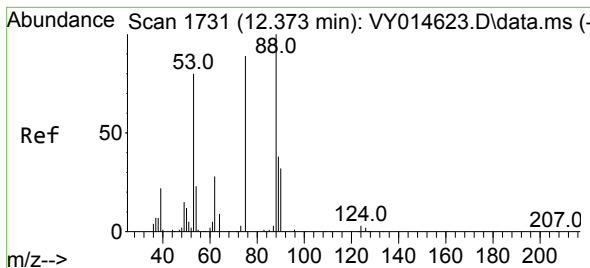
Tgt Ion: 91 Resp: 393345
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.950 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 105 Resp: 474587
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

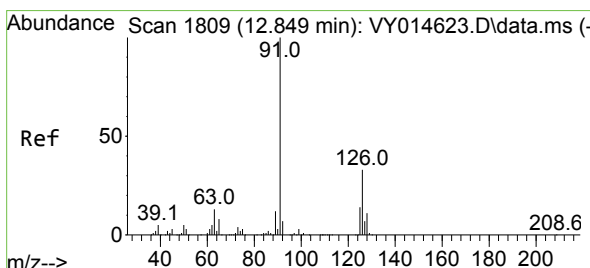
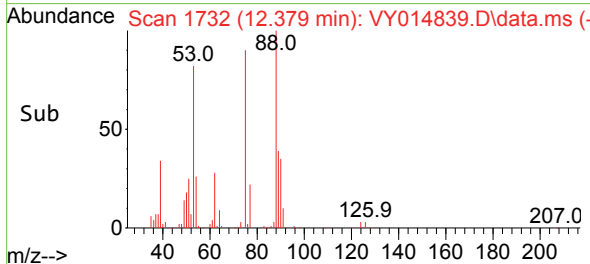
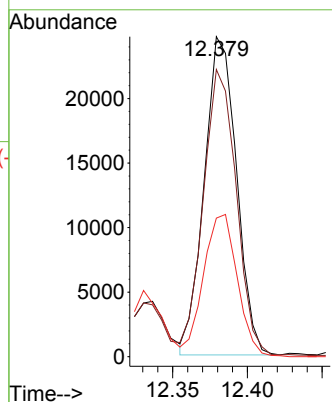
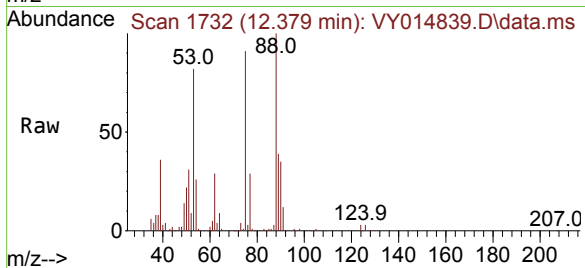




#81
trans-1,4-Dichloro-2-butene
Concen: 38.371 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

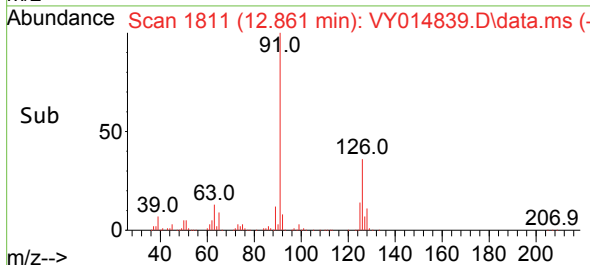
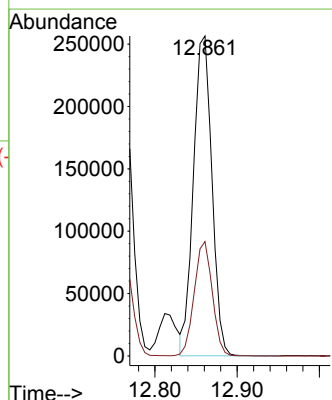
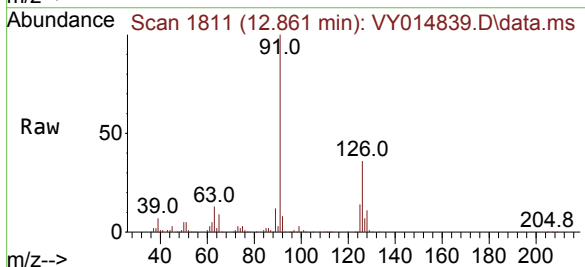
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

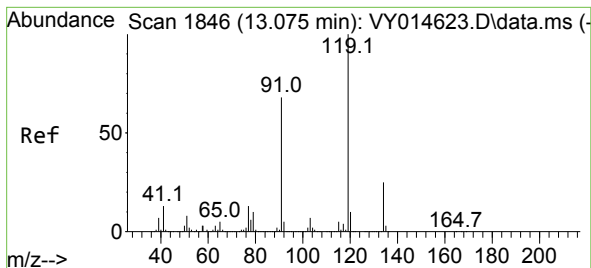
Tgt Ion: 75 Resp: 37110
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.151 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion: 91 Resp: 399575
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.889 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

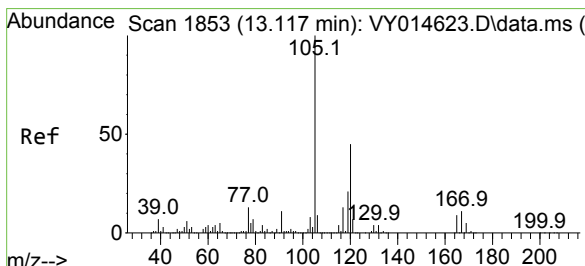
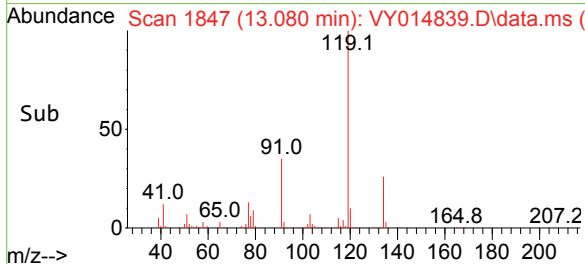
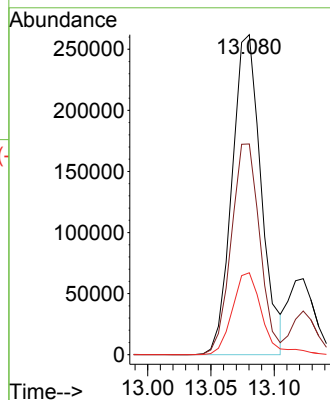
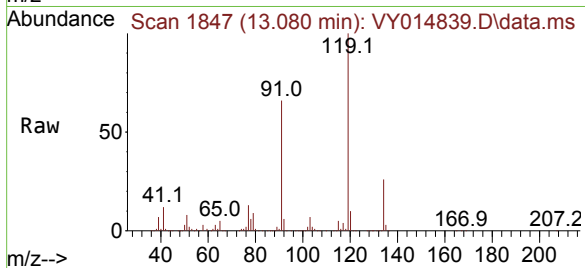
Tgt Ion:119 Resp: 420467

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.531 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014839.D

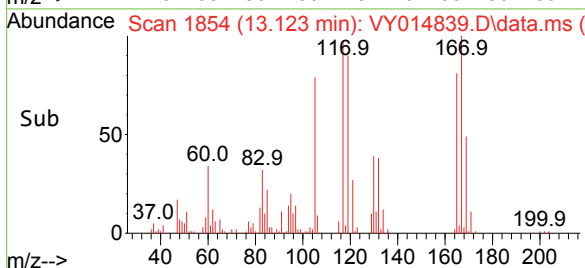
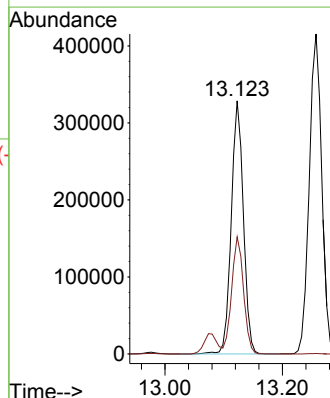
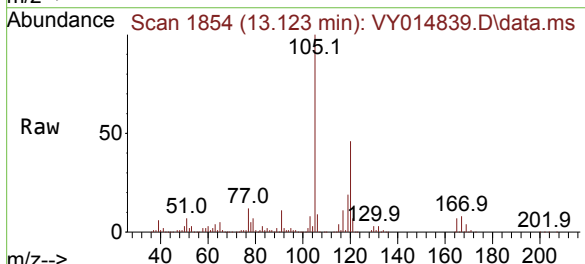
Acq: 26 Jul 2023 06:39

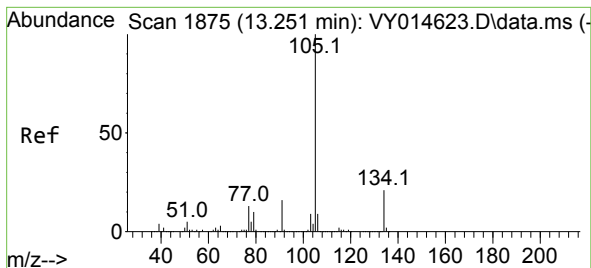
Tgt Ion:105 Resp: 471281

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.560 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

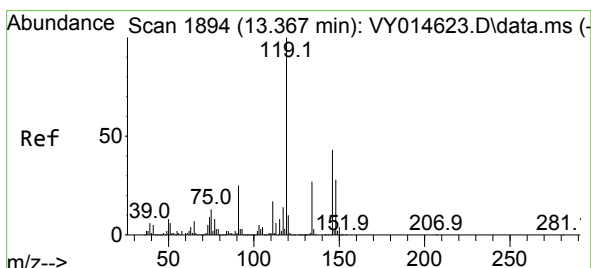
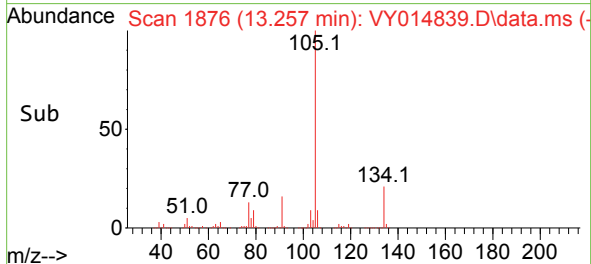
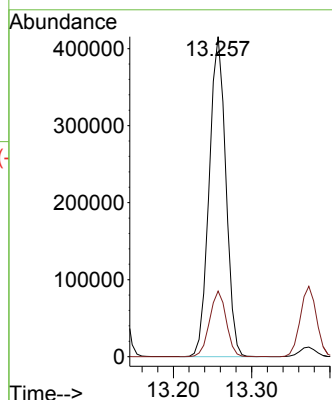
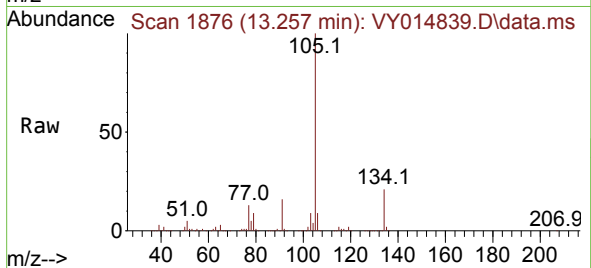
VSTDCCC050EC

Tgt Ion:105 Resp: 612648

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.826 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

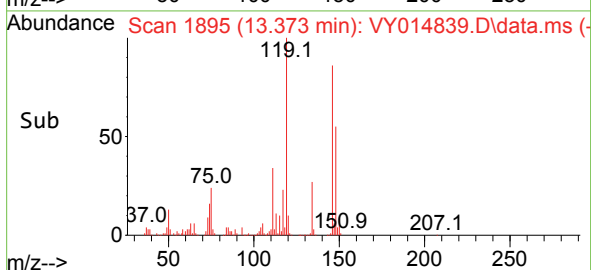
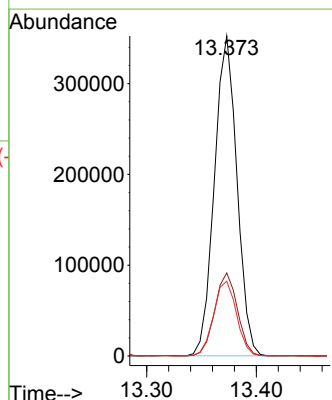
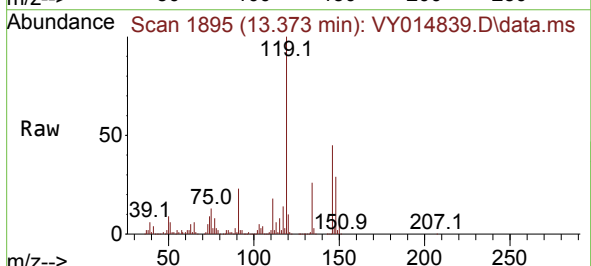
Tgt Ion:119 Resp: 502944

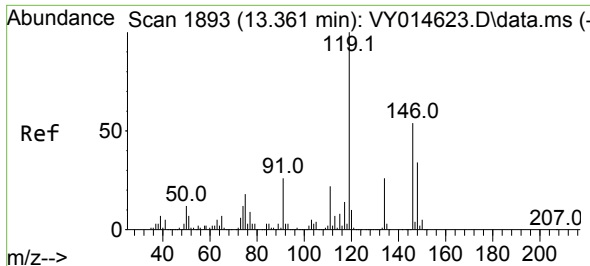
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.7 12.4 37.4

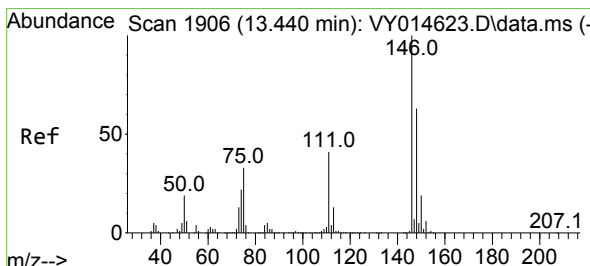
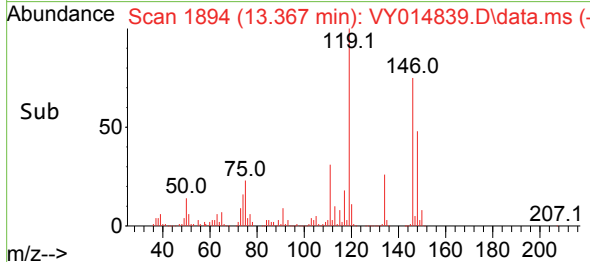
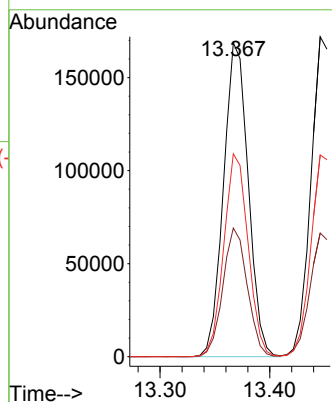
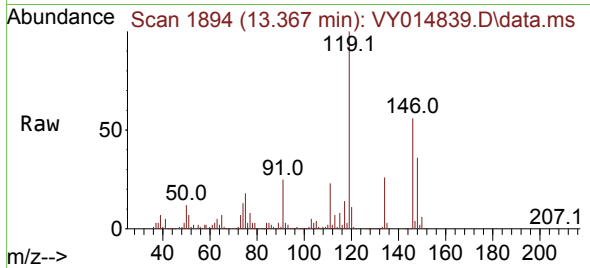




#87
1,3-Dichlorobenzene
Concen: 51.216 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

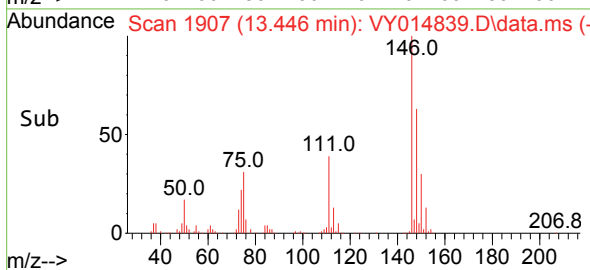
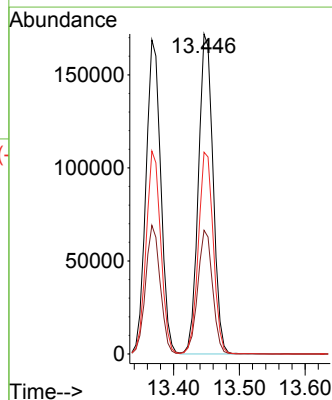
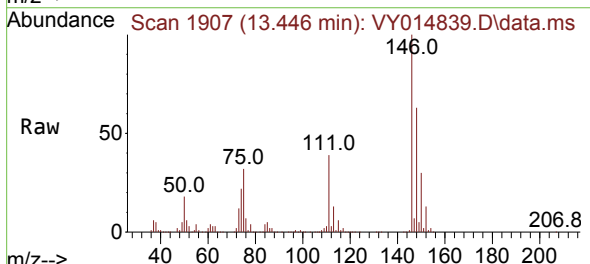
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

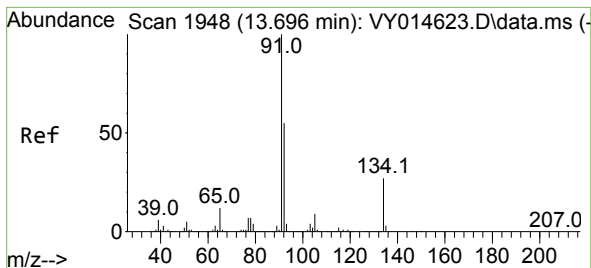
Tgt Ion:146 Resp: 264152
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.577 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014839.D
Acq: 26 Jul 2023 06:39

Tgt Ion:146 Resp: 266568
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 46.224 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

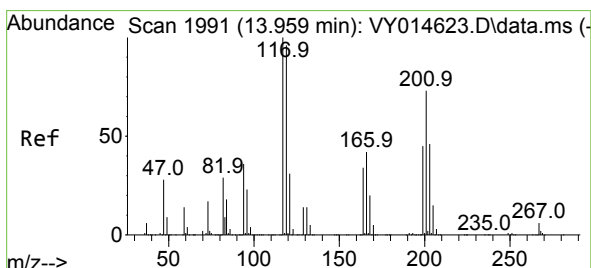
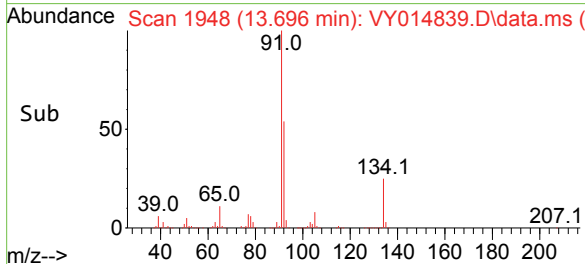
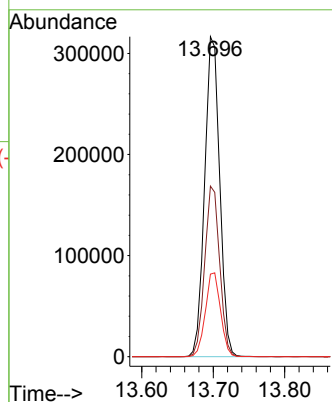
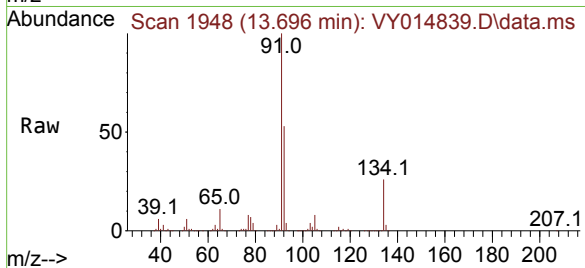
Tgt Ion: 91 Resp: 463246

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 48.183 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VY014839.D

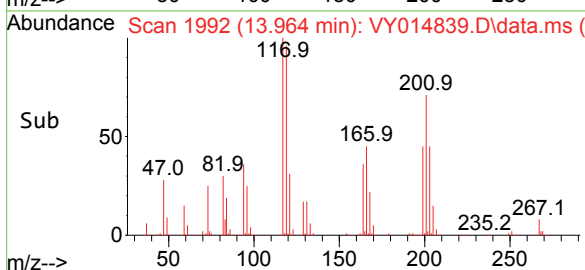
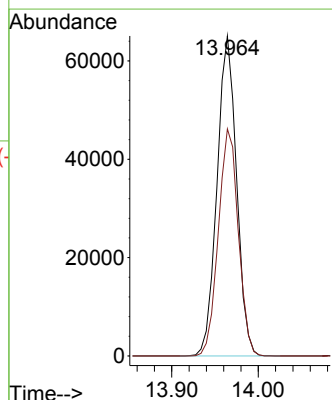
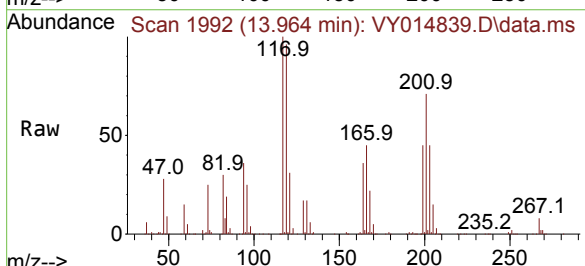
Acq: 26 Jul 2023 06:39

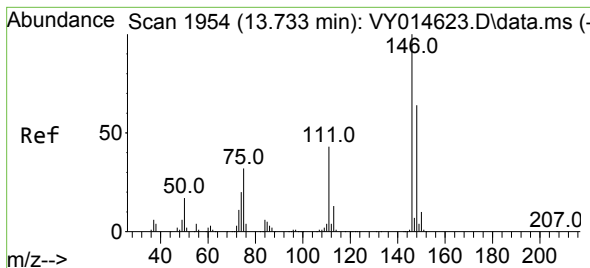
Tgt Ion: 117 Resp: 101944

Ion Ratio Lower Upper

117 100

201 72.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.153 ug/l

RT: 13.745 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

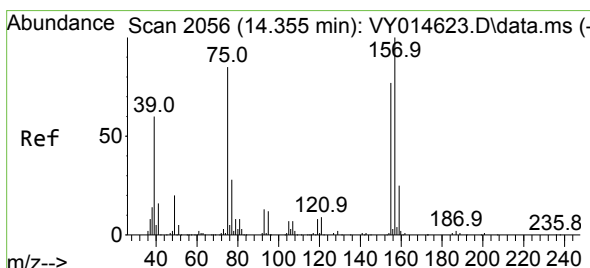
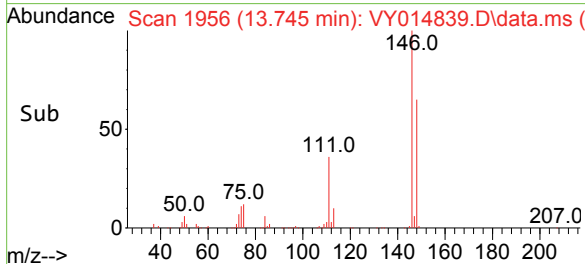
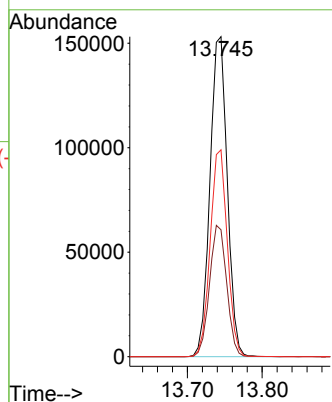
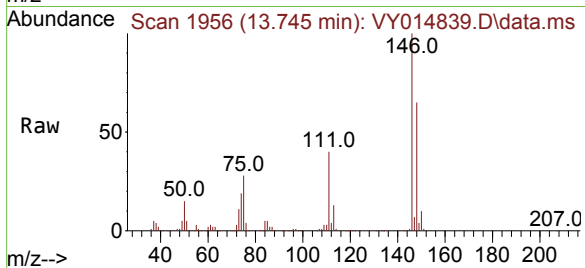
Tgt Ion:146 Resp: 246439

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.946 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

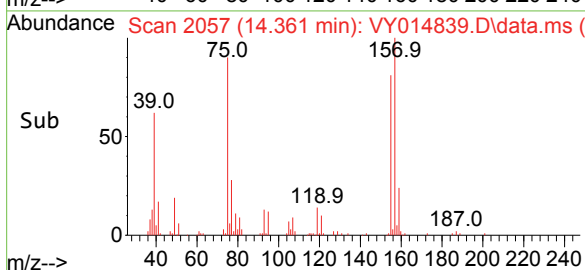
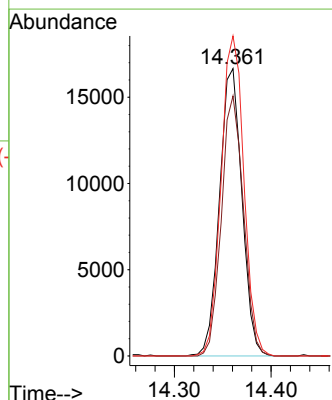
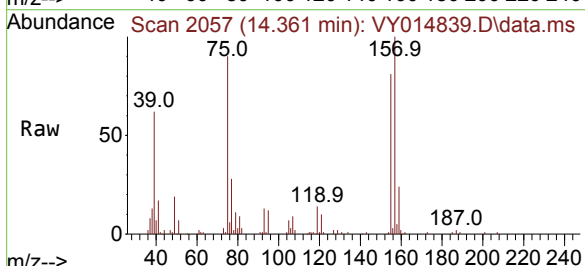
Tgt Ion: 75 Resp: 26806

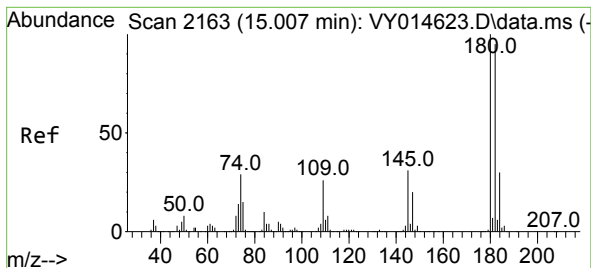
Ion Ratio Lower Upper

75 100

155 88.5 41.5 124.6

157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.076 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

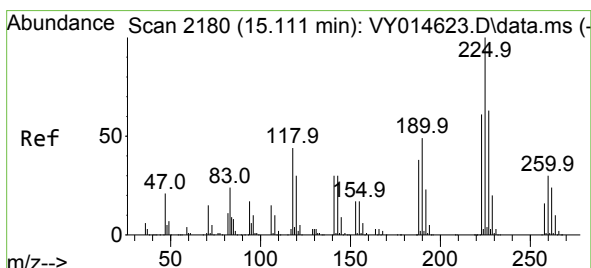
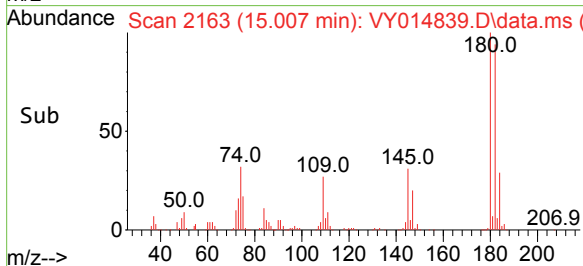
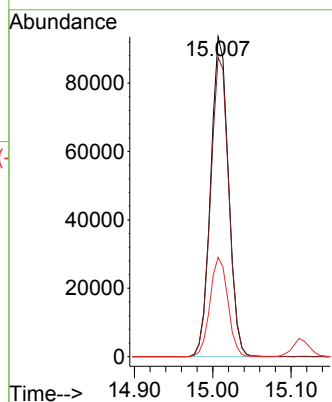
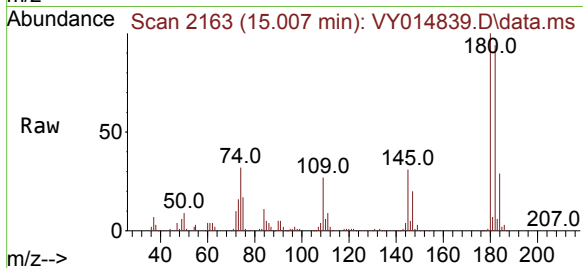
Tgt Ion:180 Resp: 147208

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.453 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

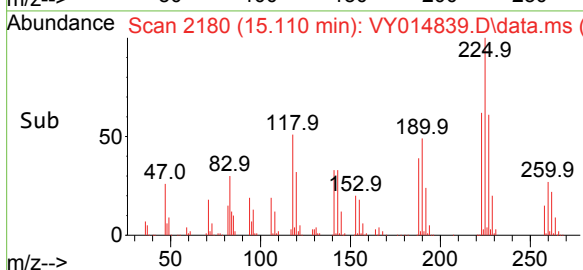
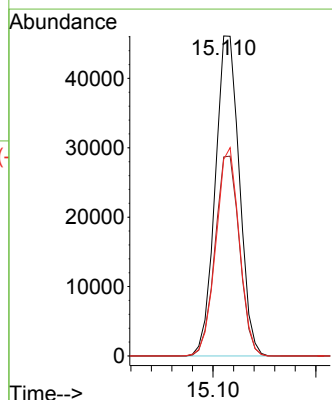
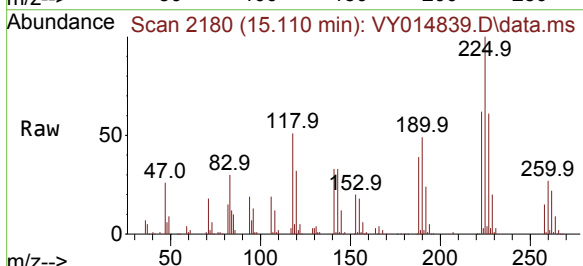
Tgt Ion:225 Resp: 74925

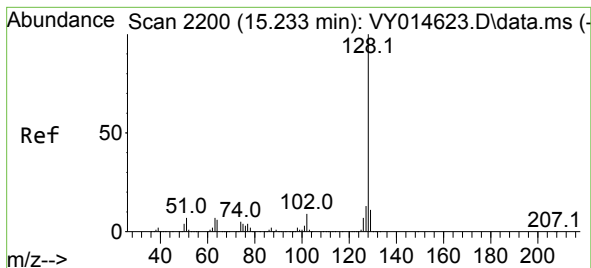
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 54.277 ug/l

RT: 15.238 min Scan# 21

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

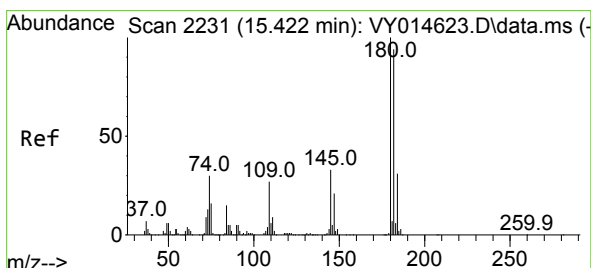
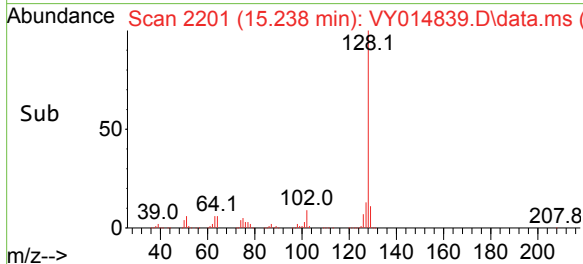
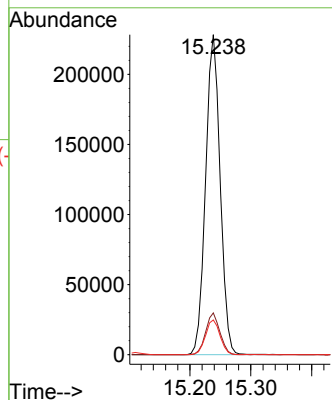
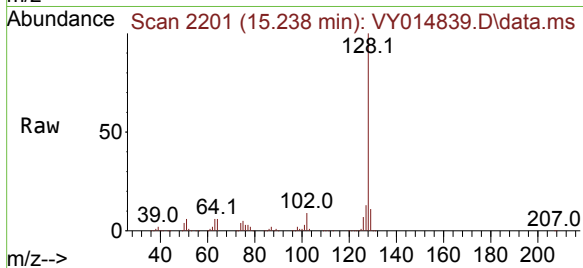
Tgt Ion:128 Resp: 379305

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.107 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.005 min

Lab File: VY014839.D

Acq: 26 Jul 2023 06:39

Tgt Ion:180 Resp: 136244

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 32.8 15.4 46.2

