

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014110.D
 Acq On : 12 Jun 2023 10:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 05:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	212547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128319	43.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.700%
35) Dibromofluoromethane	7.716	113	112161	50.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.179	98	399968	47.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.477	95	147341	49.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	117647	49.666	ug/l	97
3) Chloromethane	2.113	50	133257	44.366	ug/l	99
4) Vinyl Chloride	2.253	62	133554	45.735	ug/l	100
5) Bromomethane	2.656	94	99471	41.285	ug/l	98
6) Chloroethane	2.790	64	88338	44.518	ug/l	97
7) Trichlorofluoromethane	3.125	101	242046	51.021	ug/l	96
8) Diethyl Ether	3.528	74	72831	45.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	127953	53.441	ug/l	99
10) Methyl Iodide	4.088	142	154970	49.017	ug/l	98
11) Tert butyl alcohol	4.960	59	73945	212.754	ug/l	98
12) 1,1-Dichloroethene	3.869	96	118179	48.697	ug/l	98
13) Acrolein	3.729	56	31355	226.441	ug/l	99
14) Allyl chloride	4.472	41	212052	48.205	ug/l	98
15) Acrylonitrile	5.161	53	193463	236.774	ug/l	98
16) Acetone	3.948	43	233667	261.911	ug/l	97
17) Carbon Disulfide	4.192	76	325079	41.338	ug/l	98
18) Methyl Acetate	4.479	43	149966	43.306	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	357785	49.987	ug/l	100
20) Methylene Chloride	4.710	84	148695	52.376	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	131707	48.659	ug/l	99
22) Diisopropyl ether	6.112	45	414231	49.181	ug/l	99
23) Vinyl Acetate	6.058	43	1173682	236.179	ug/l	99
24) 1,1-Dichloroethane	6.009	63	235962	48.590	ug/l	98
25) 2-Butanone	6.984	43	260390	237.104	ug/l	98
26) 2,2-Dichloropropane	6.978	77	231787	50.819	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	148033	48.889	ug/l	99
28) Bromochloromethane	7.332	49	86041	43.569	ug/l	94
29) Tetrahydrofuran	7.344	42	149490	214.665	ug/l	97
30) Chloroform	7.502	83	262353	50.924	ug/l	99
31) Cyclohexane	7.783	56	186902	47.139	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	239109	51.459	ug/l	99
36) 1,1-Dichloropropene	7.917	75	183212	52.644	ug/l	100
37) Ethyl Acetate	7.070	43	113261	47.167	ug/l	100
38) Carbon Tetrachloride	7.899	117	221564	55.169	ug/l	98
39) Methylcyclohexane	9.179	83	204640	52.998	ug/l	99
40) Benzene	8.155	78	527176	50.941	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014110.D
 Acq On : 12 Jun 2023 10:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 05:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	51596	42.102	ug/l	98
42) 1,2-Dichloroethane	8.234	62	181738	49.661	ug/l	100
43) Isopropyl Acetate	8.271	43	198424	47.146	ug/l	98
44) Trichloroethene	8.935	130	143010	51.723	ug/l	99
45) 1,2-Dichloropropane	9.209	63	133174	50.664	ug/l	99
46) Dibromomethane	9.301	93	77816	48.093	ug/l	98
47) Bromodichloromethane	9.496	83	196696	51.919	ug/l	98
48) Methyl methacrylate	9.289	41	93037	47.395	ug/l	98
49) 1,4-Dioxane	9.307	88	19862	966.071	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	554846	242.659	ug/l	99
52) Toluene	10.240	92	340491	53.076	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	206503	51.778	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	225810	51.894	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	110148	51.324	ug/l	98
56) Ethyl methacrylate	10.508	69	148767	50.256	ug/l	99
57) 1,3-Dichloropropane	10.788	76	183654	50.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	297936	228.078	ug/l	98
59) 2-Hexanone	10.831	43	410416	248.516	ug/l	100
60) Dibromochloromethane	10.983	129	143808	52.354	ug/l	98
61) 1,2-Dibromoethane	11.087	107	104679	49.422	ug/l	100
64) Tetrachloroethene	10.715	164	129552	51.433	ug/l	98
65) Chlorobenzene	11.514	112	364298	51.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	144717	51.816	ug/l	99
67) Ethyl Benzene	11.593	91	660772	53.163	ug/l	98
68) m/p-Xylenes	11.703	106	509602	106.595	ug/l	99
69) o-Xylene	12.026	106	243439	53.859	ug/l	98
70) Styrene	12.044	104	416401	53.978	ug/l	100
71) Bromoform	12.203	173	96658	50.534	ug/l #	98
73) Isopropylbenzene	12.325	105	649625	54.016	ug/l	100
74) N-amyl acetate	12.142	43	182611	47.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126685	47.142	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	175185	84.699	ug/l #	100
77) Bromobenzene	12.605	156	160241	50.694	ug/l	95
78) n-propylbenzene	12.666	91	789244	53.729	ug/l	99
79) 2-Chlorotoluene	12.751	91	438985	51.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	551964	53.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	45627	47.685	ug/l	96
82) 4-Chlorotoluene	12.849	91	466297	52.060	ug/l	99
83) tert-Butylbenzene	13.075	119	483244	55.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	555021	54.449	ug/l	99
85) sec-Butylbenzene	13.251	105	705254	55.433	ug/l	100
86) p-Isopropyltoluene	13.367	119	593560	54.512	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	314924	52.182	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	308429	50.723	ug/l	100
89) n-Butylbenzene	13.696	91	555983	55.053	ug/l	99
90) Hexachloroethane	13.959	117	116107	53.513	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	278475	51.375	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24297	47.479	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	177022	51.553	ug/l	98
94) Hexachlorobutadiene	15.111	225	109690	55.332	ug/l	98
95) Naphthalene	15.233	128	345018	49.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	157536	50.772	ug/l	100

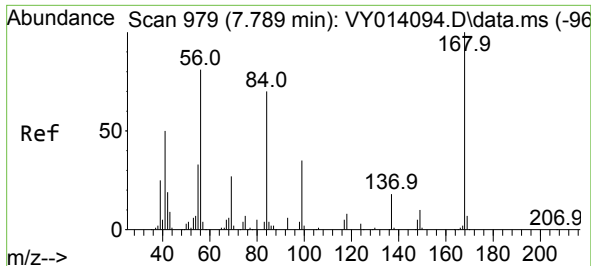
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
Data File : VY014110.D
Acq On : 12 Jun 2023 10:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 13 05:37:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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

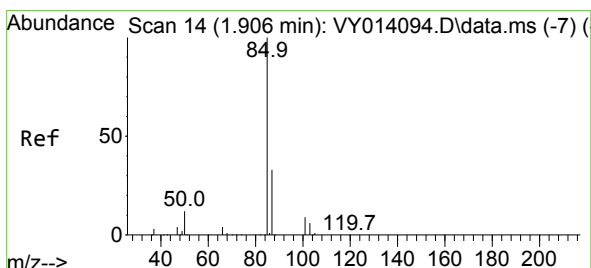
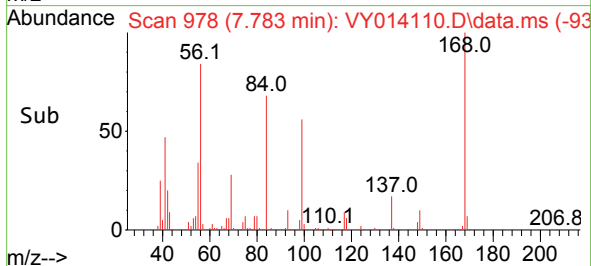
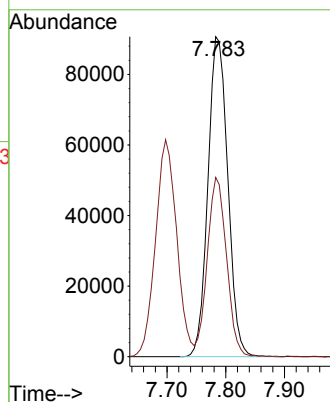
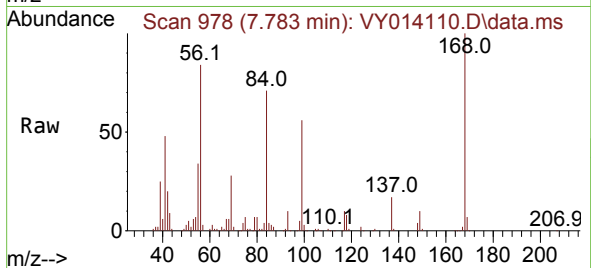
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

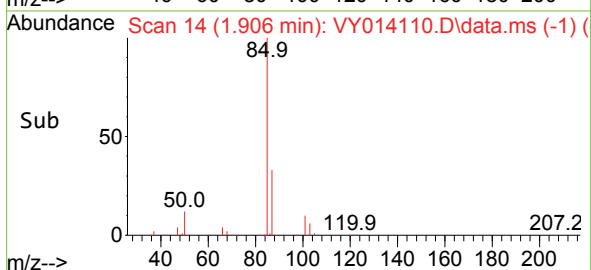
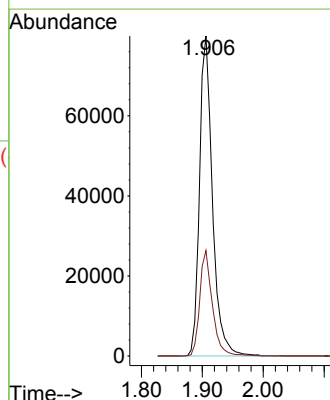
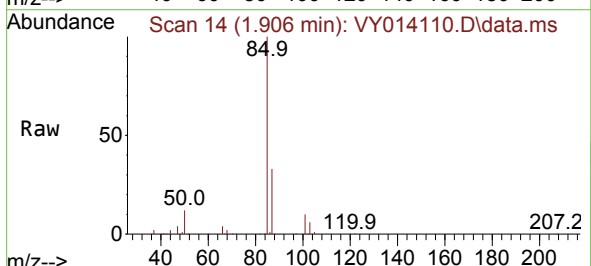
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

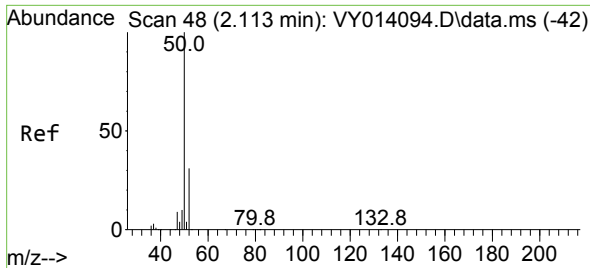
Tgt Ion:168 Resp: 212547
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.666 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 85 Resp: 117647
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

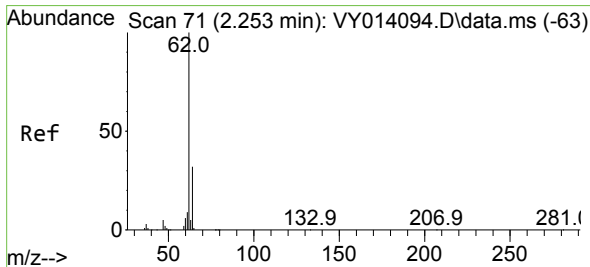
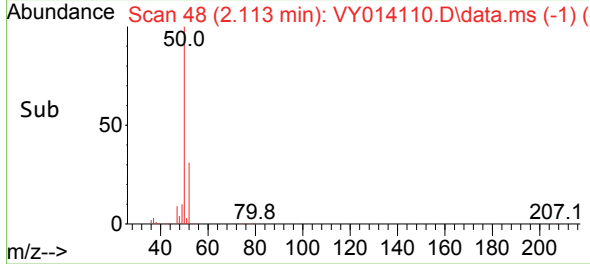
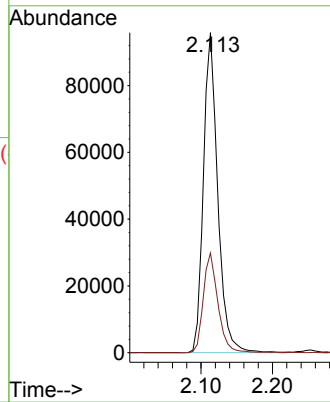
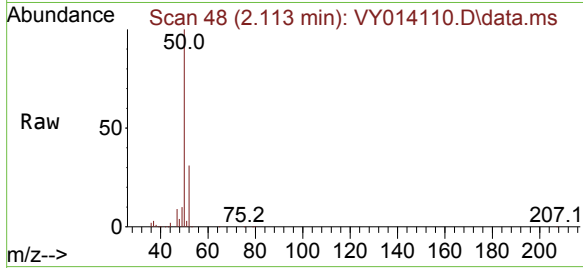




#3
Chloromethane
Concen: 44.366 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

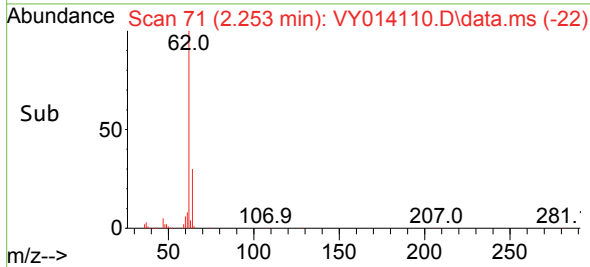
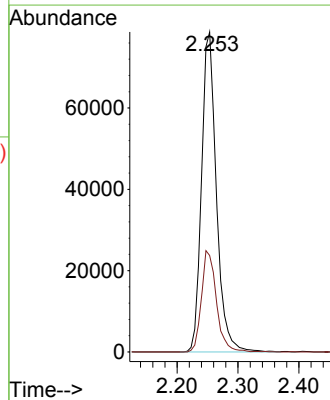
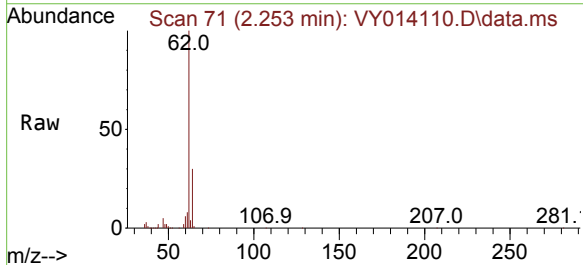
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

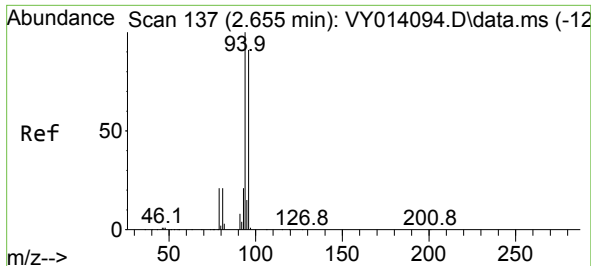
Tgt Ion: 50 Resp: 133257
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 45.735 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 62 Resp: 133554
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5

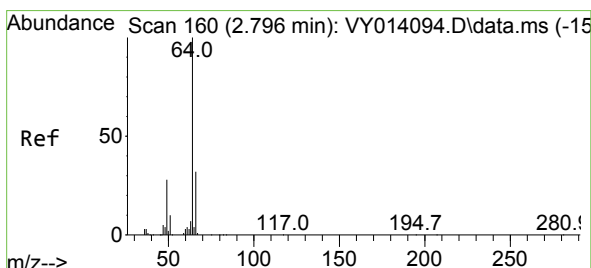
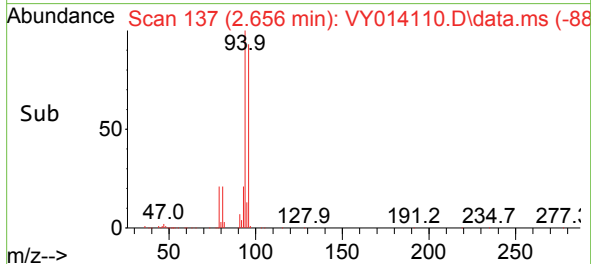
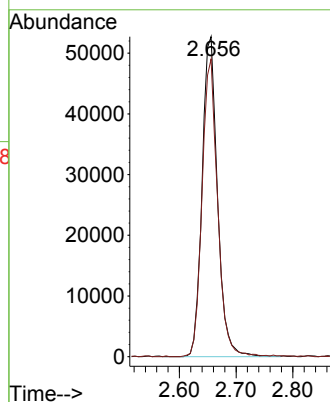
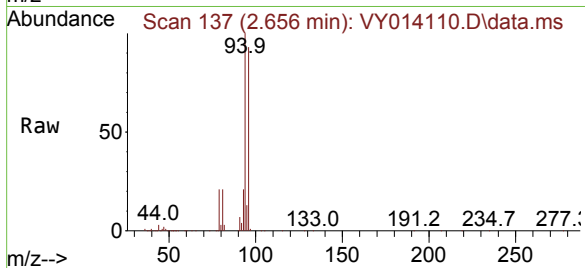




#5
Bromomethane
Concen: 41.285 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

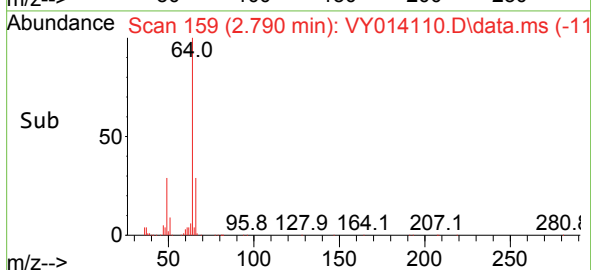
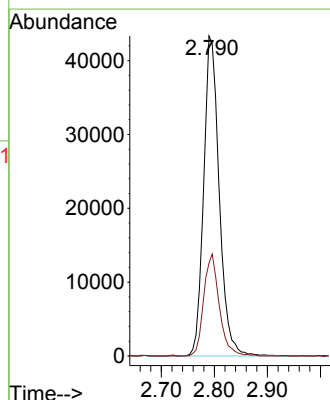
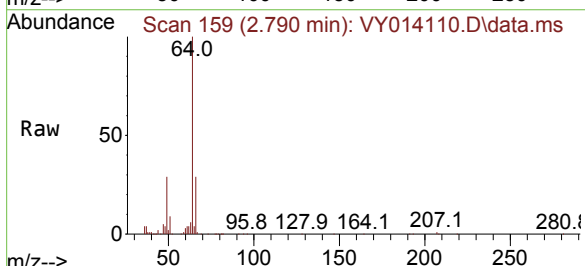
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

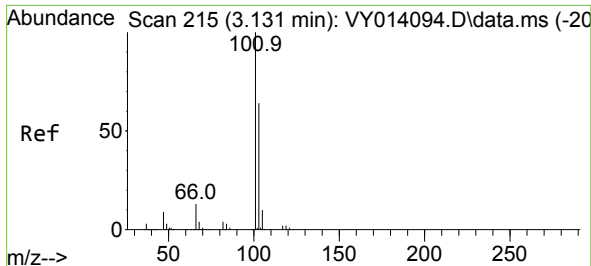
Tgt Ion: 94 Resp: 99471
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 44.518 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 64 Resp: 88338
Ion Ratio Lower Upper
64 100
66 29.0 24.4 36.6

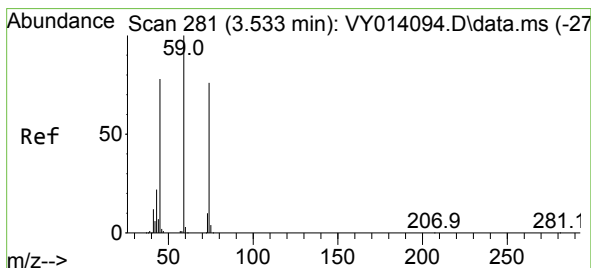
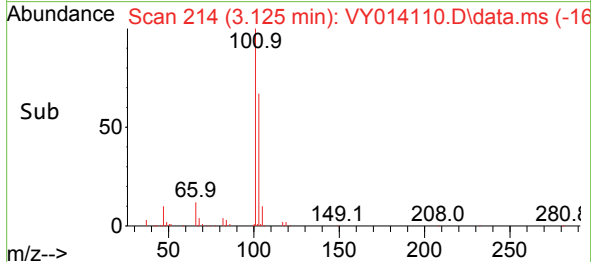
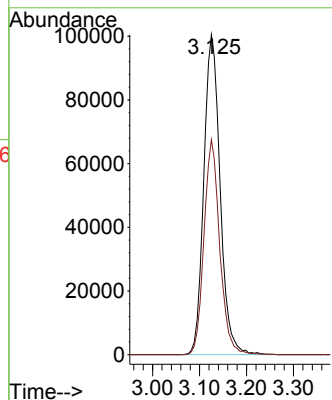
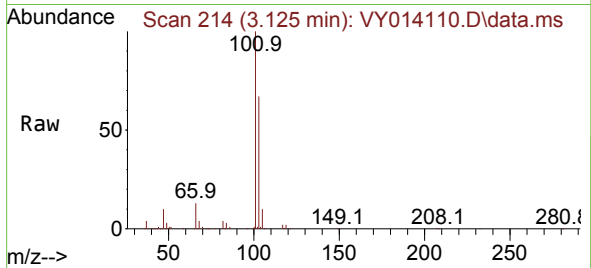




#7
Trichlorofluoromethane
Concen: 51.021 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

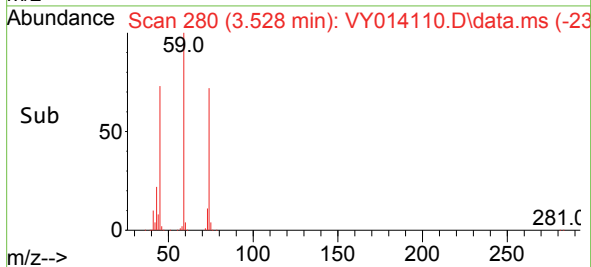
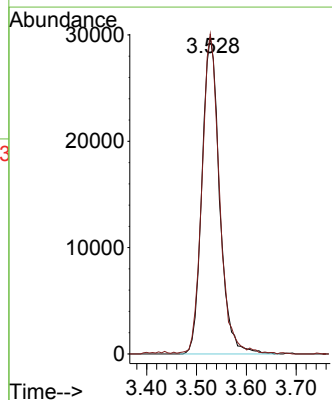
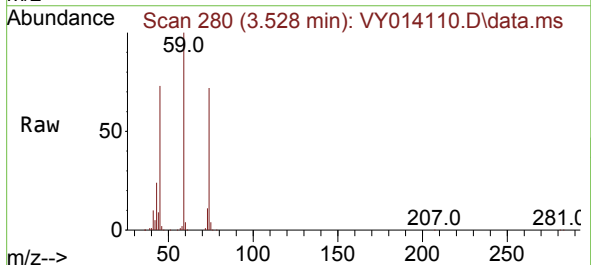
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

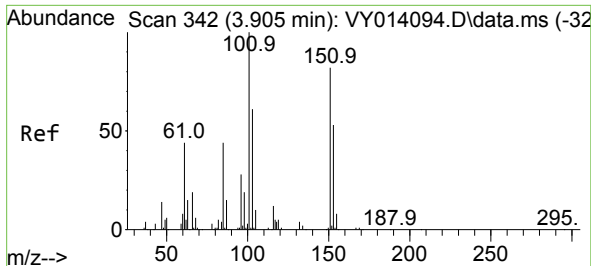
Tgt Ion:101 Resp: 242046
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.0



#8
Diethyl Ether
Concen: 45.976 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 74 Resp: 72831
Ion Ratio Lower Upper
74 100
45 100.0 51.5 154.5

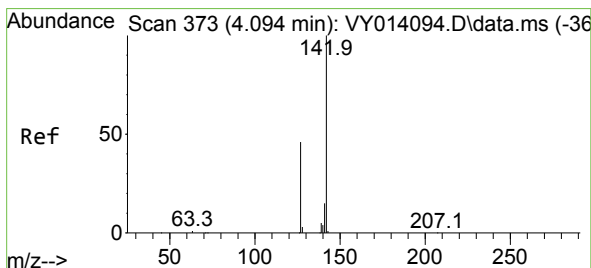
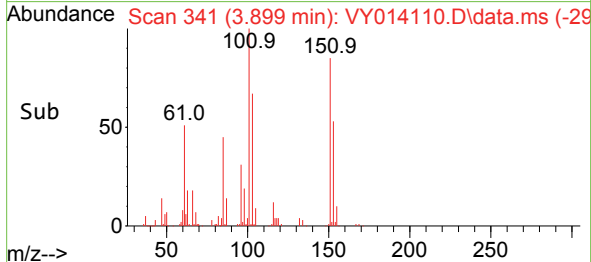
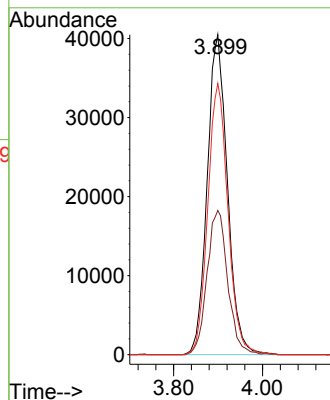
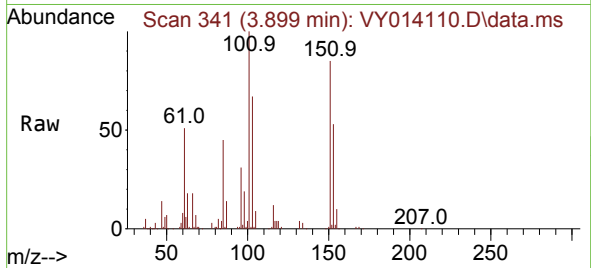




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.441 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

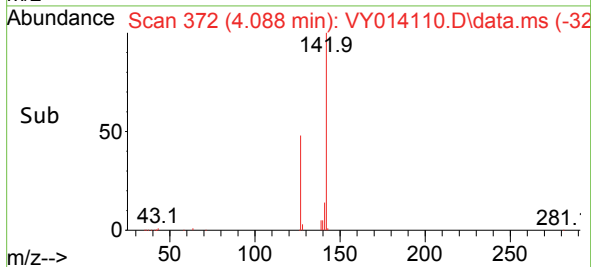
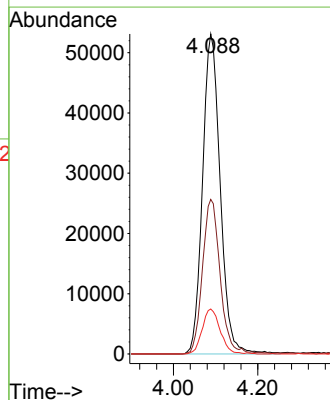
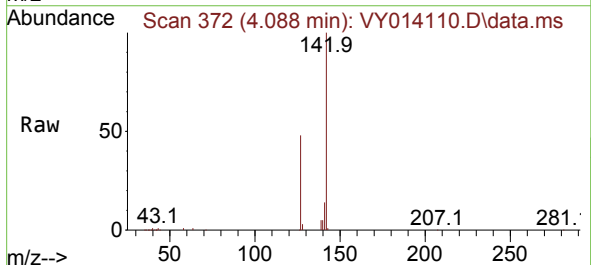
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

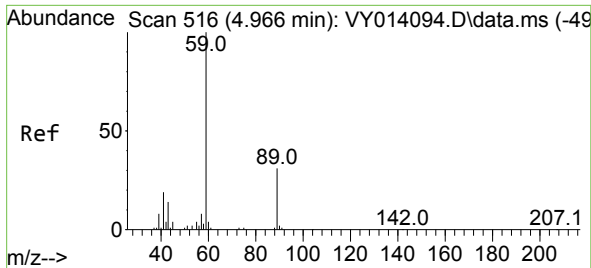
Tgt Ion:101 Resp: 127953
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 84.9 67.0 100.6



#10
Methyl Iodide
Concen: 49.017 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:142 Resp: 154970
Ion Ratio Lower Upper
142 100
127 48.4 37.6 56.4
141 14.2 11.8 17.8

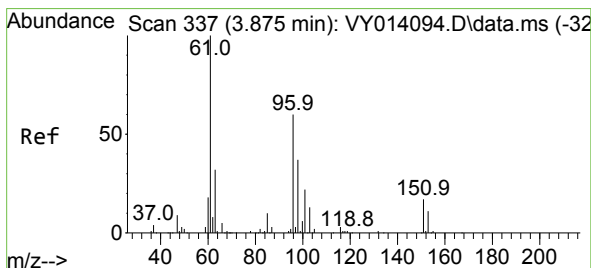
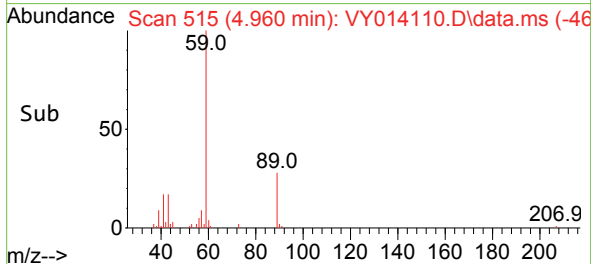
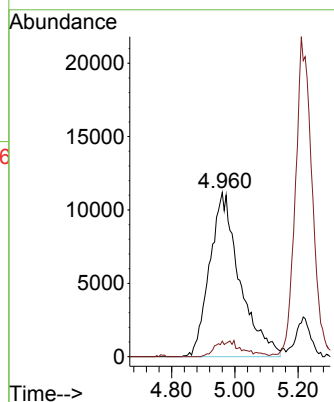
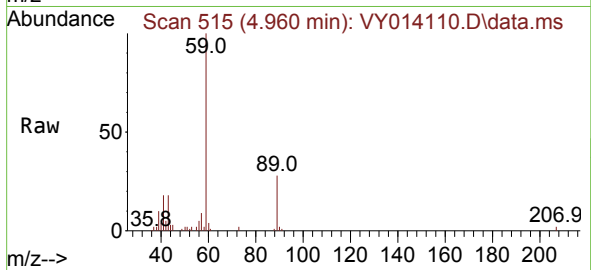




#11
Tert butyl alcohol
Concen: 212.754 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

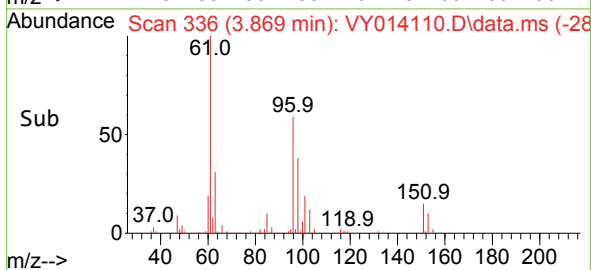
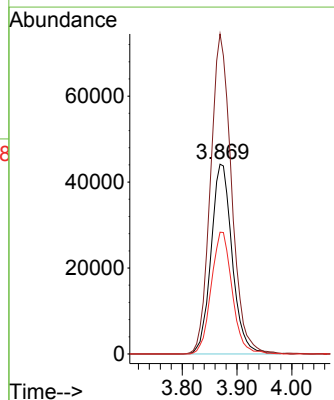
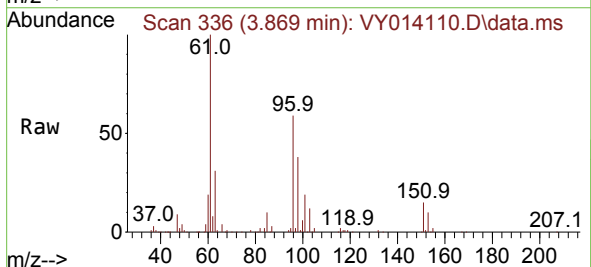
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

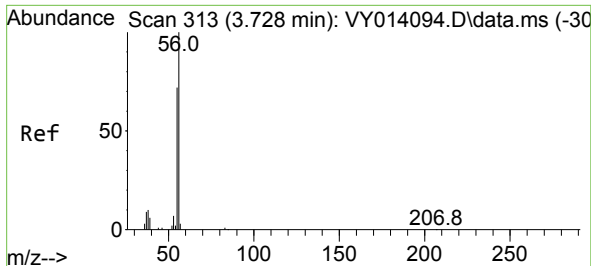
Tgt Ion: 59 Resp: 73945
Ion Ratio Lower Upper
59 100
57 3.2 3.0 4.4



#12
1,1-Dichloroethene
Concen: 48.697 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 96 Resp: 118179
Ion Ratio Lower Upper
96 100
61 168.7 136.4 204.6
98 64.2 49.4 74.2

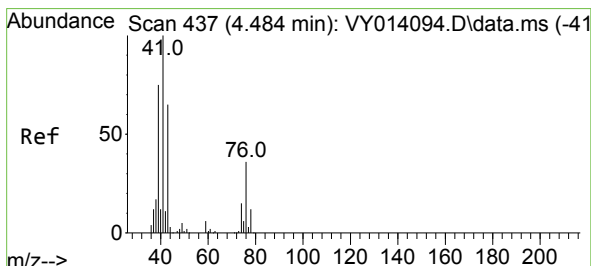
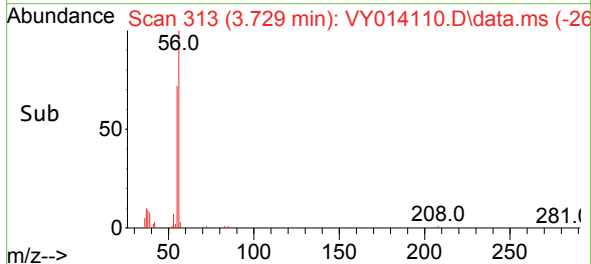
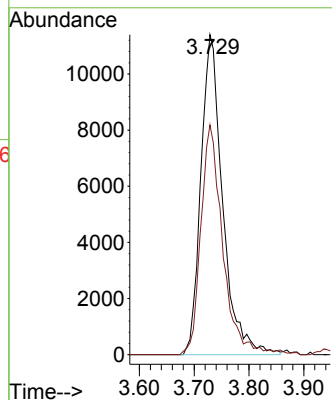
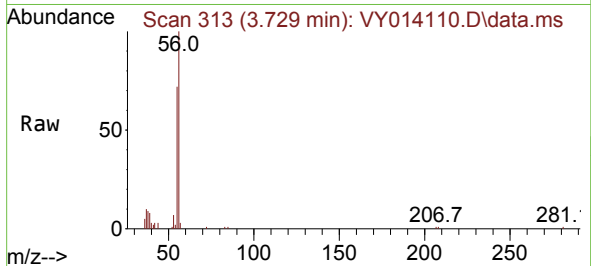




#13
Acrolein
Concen: 226.441 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

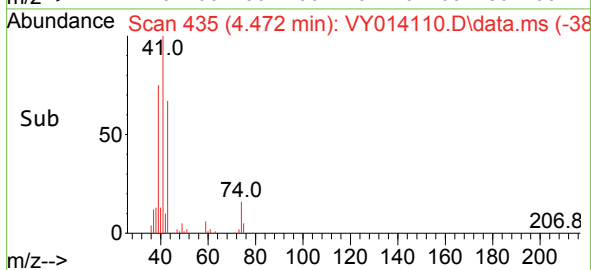
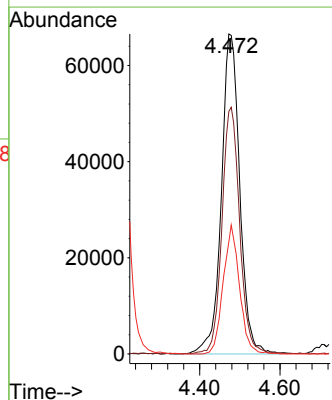
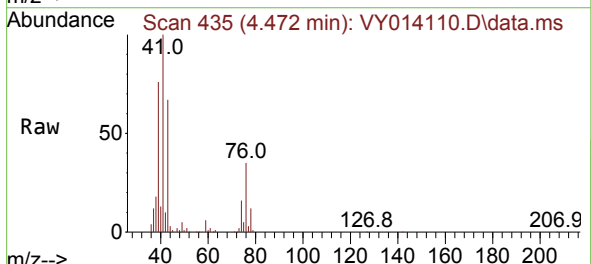
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

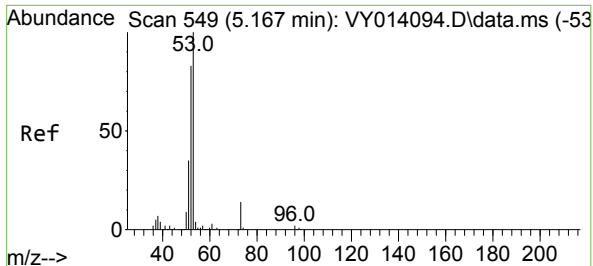
Tgt Ion: 56 Resp: 31355
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.4



#14
Allyl chloride
Concen: 48.205 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 41 Resp: 212052
Ion Ratio Lower Upper
41 100
39 74.4 58.0 87.0
76 35.8 27.4 41.2

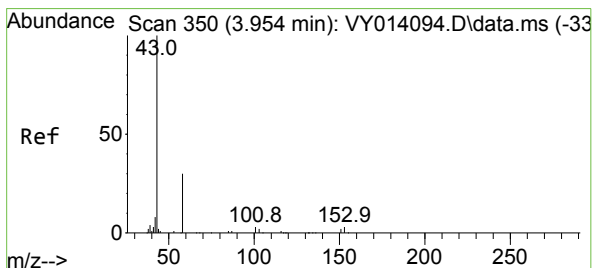
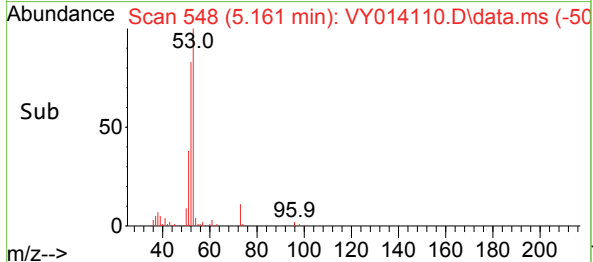
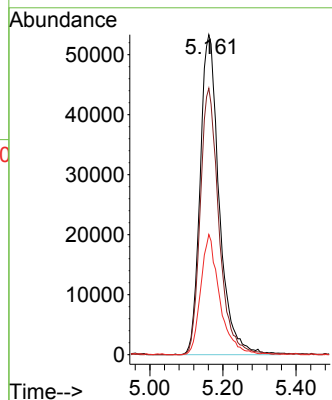
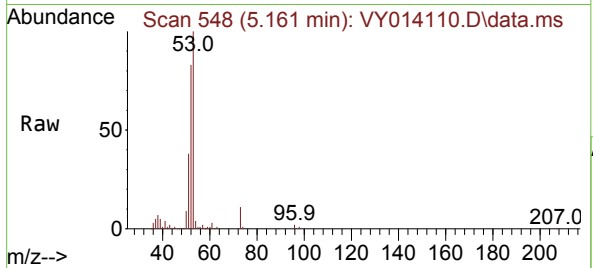




#15
Acrylonitrile
Concen: 236.774 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

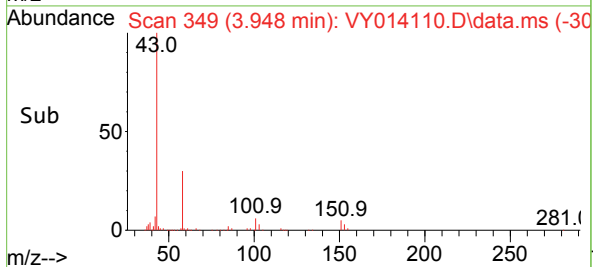
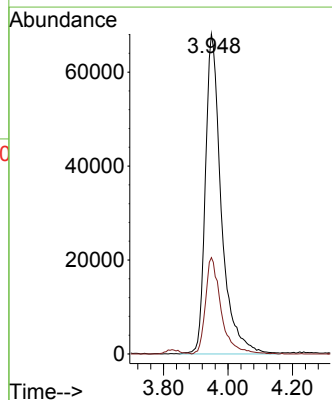
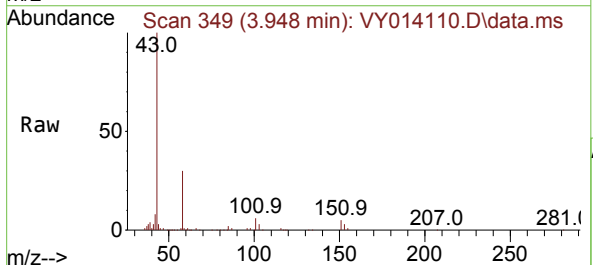
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

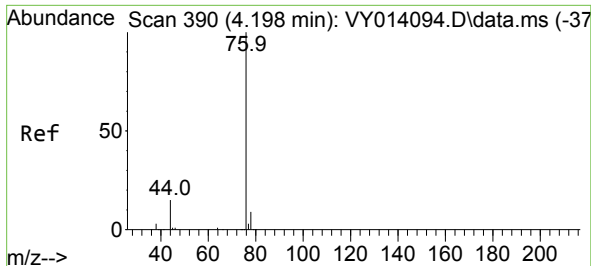
Tgt Ion: 53 Resp: 193463
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 261.911 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 43 Resp: 233667
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

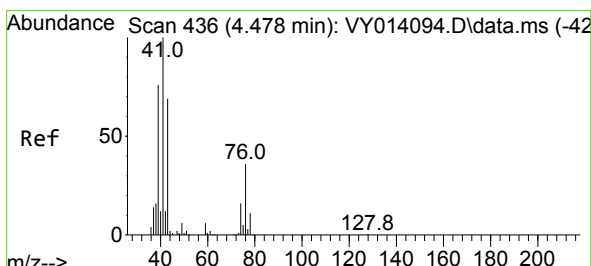
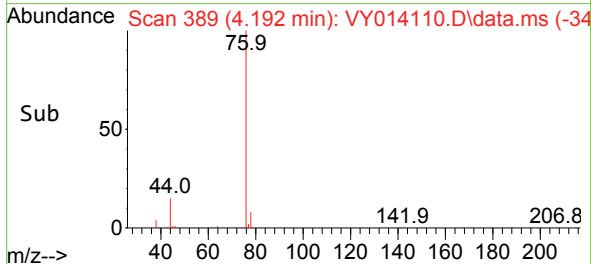
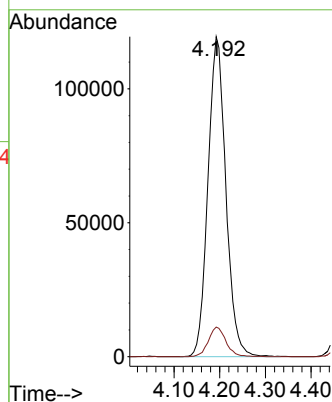
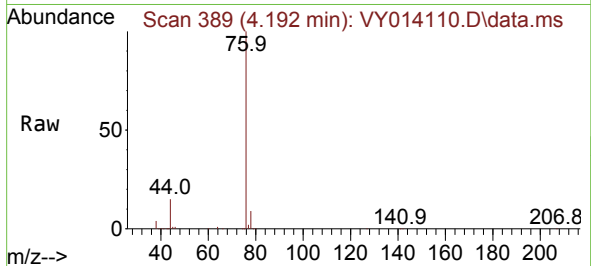




#17
Carbon Disulfide
Concen: 41.338 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

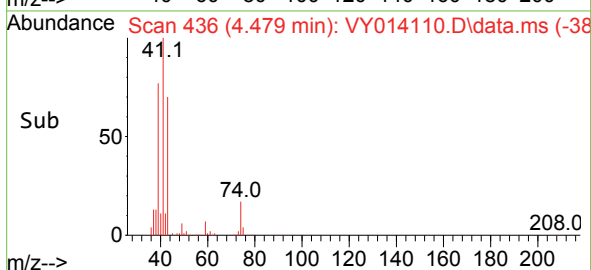
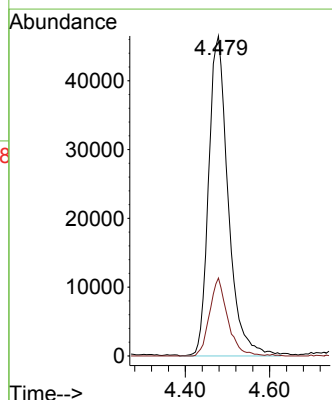
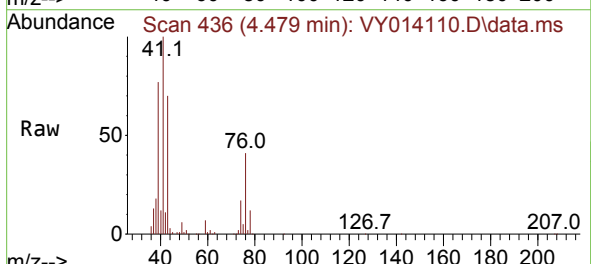
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

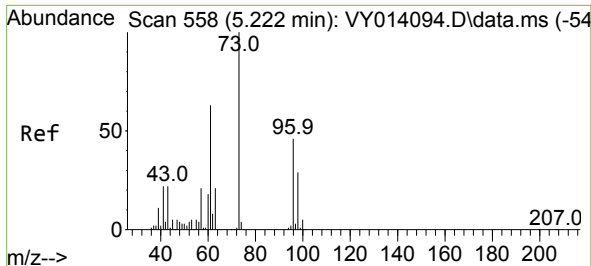
Tgt Ion: 76 Resp: 325079
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 43.306 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 43 Resp: 149966
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

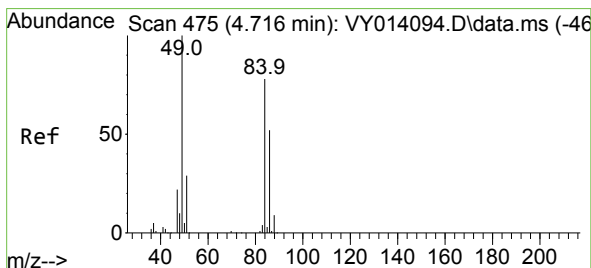
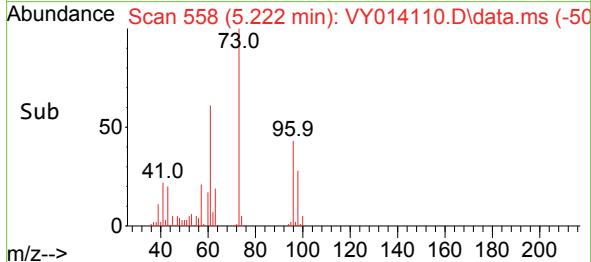
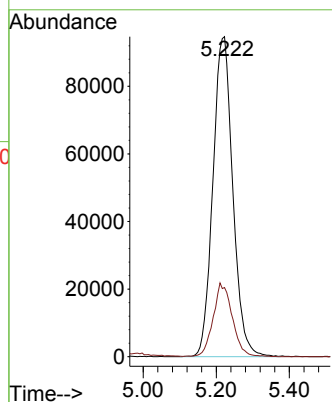
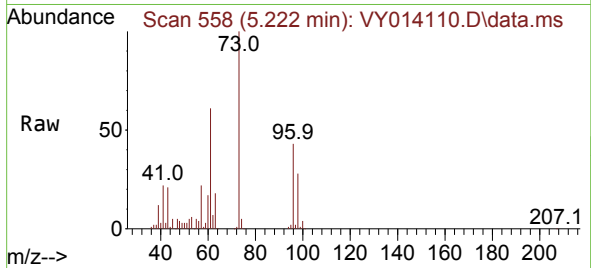




#19
Methyl tert-butyl Ether
Concen: 49.987 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

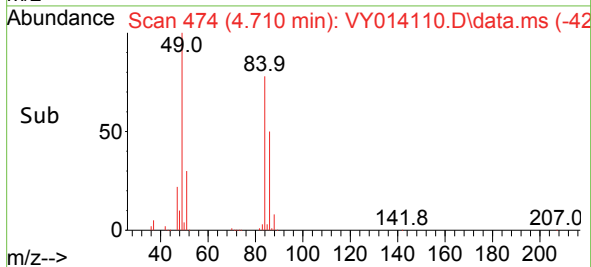
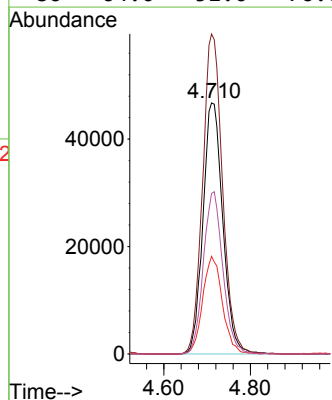
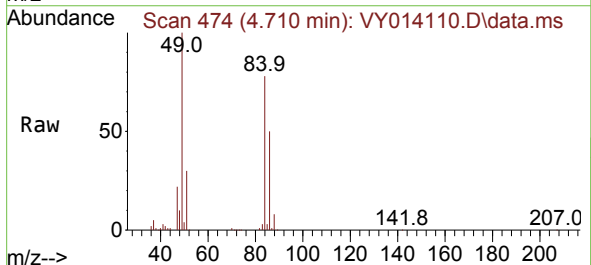
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

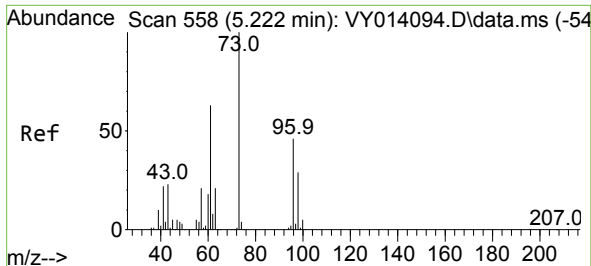
Tgt Ion: 73 Resp: 357785
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 52.376 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 84 Resp: 148695
Ion Ratio Lower Upper
84 100
49 127.5 106.9 160.3
51 38.9 33.2 49.8
86 64.0 51.0 76.6

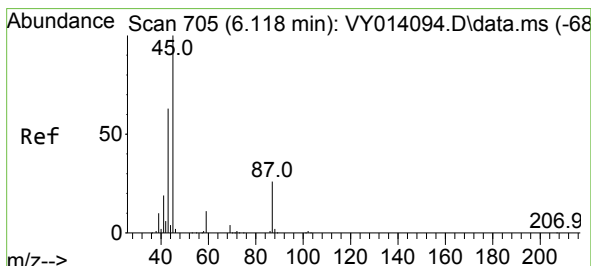
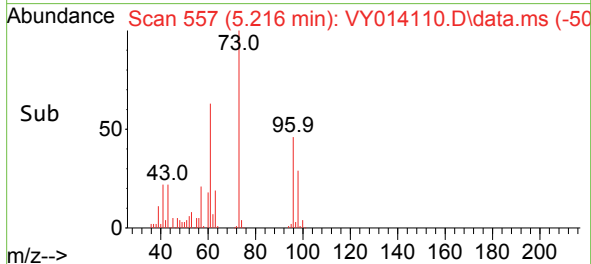
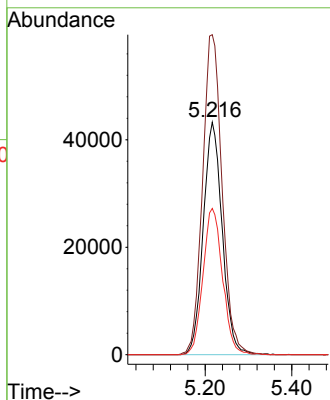
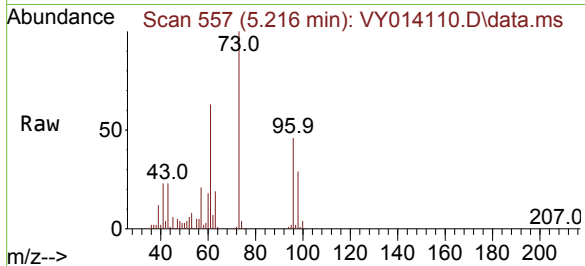




#21
trans-1,2-Dichloroethene
Concen: 48.659 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

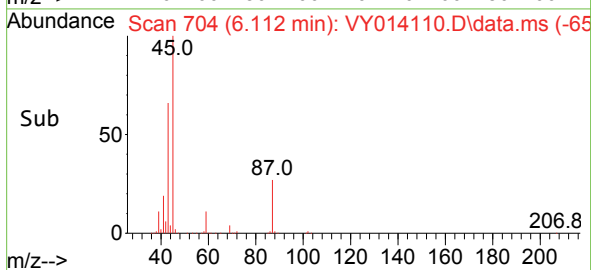
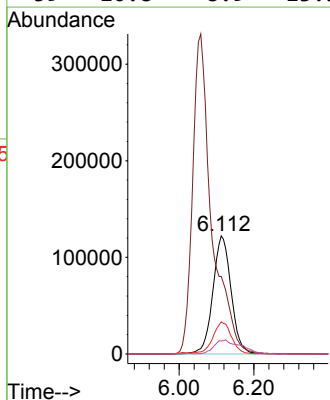
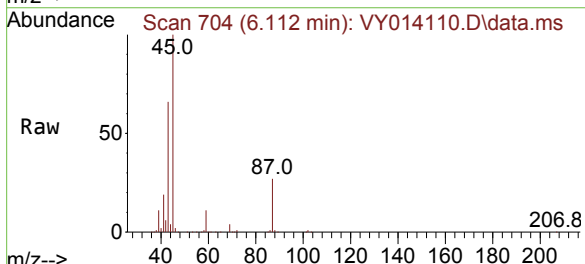
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

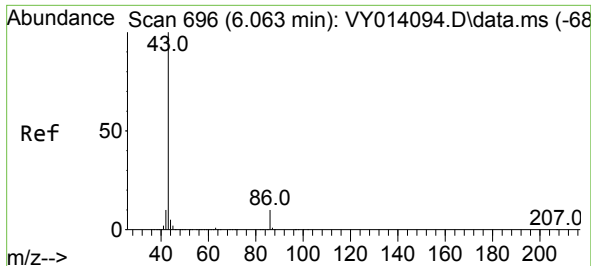
Tgt Ion: 96 Resp: 131707
Ion Ratio Lower Upper
96 100
61 137.6 110.2 165.4
98 62.9 51.8 77.6



#22
Diisopropyl ether
Concen: 49.181 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 45 Resp: 414231
Ion Ratio Lower Upper
45 100
43 65.1 52.2 78.4
87 27.2 21.0 31.6
59 10.8 8.9 13.3

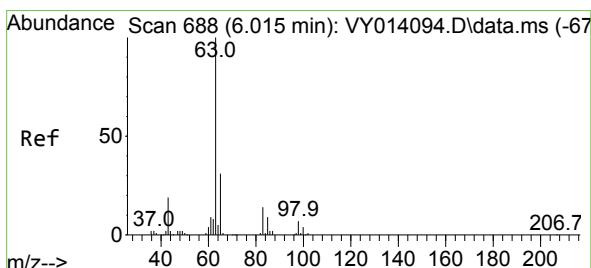
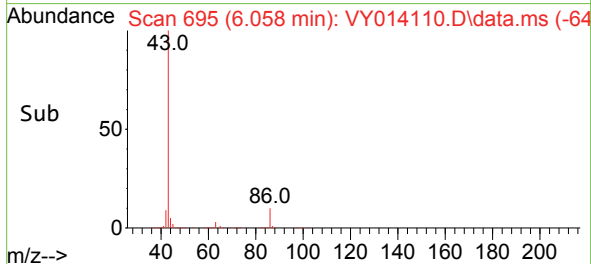
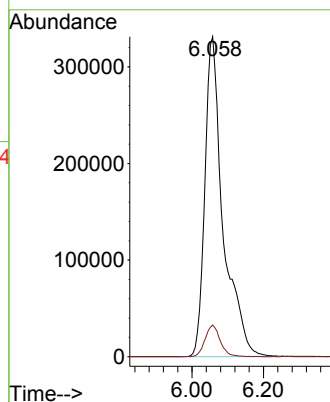
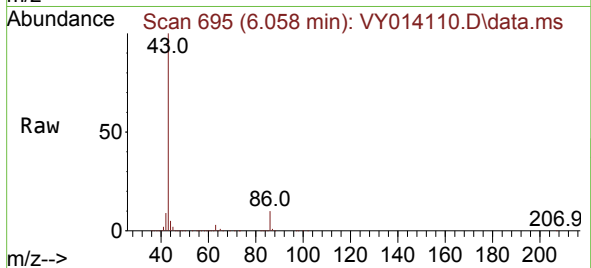




#23
 Vinyl Acetate
 Concen: 236.179 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014110.D
 Acq: 12 Jun 2023 10:28

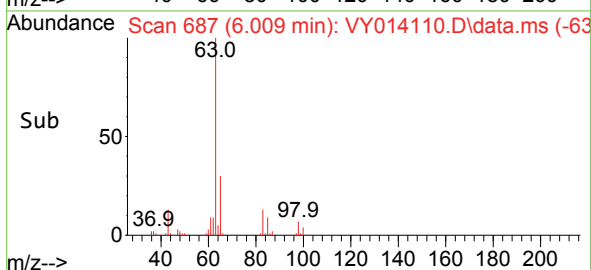
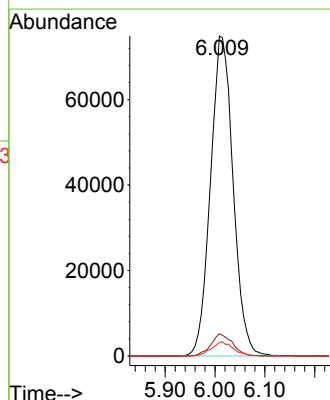
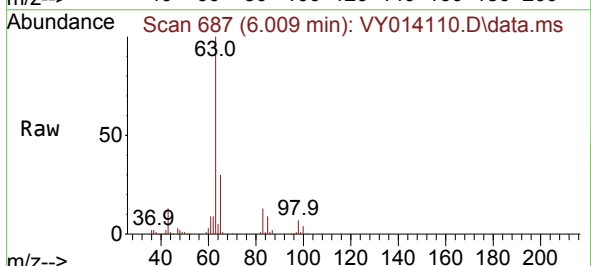
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

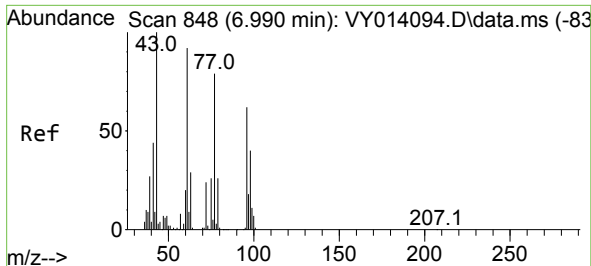
Tgt Ion: 43 Resp: 1173682
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.590 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014110.D
 Acq: 12 Jun 2023 10:28

Tgt Ion: 63 Resp: 235962
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.2 1.8 5.5

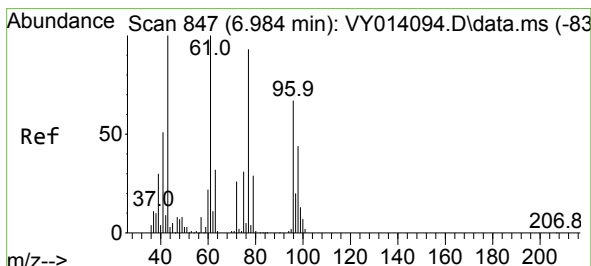
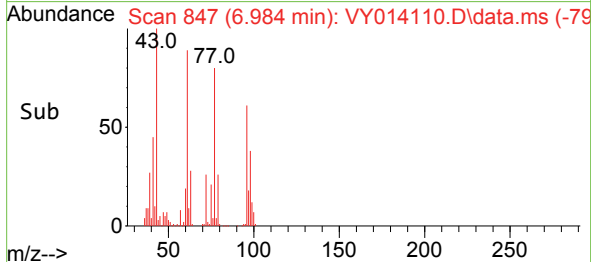
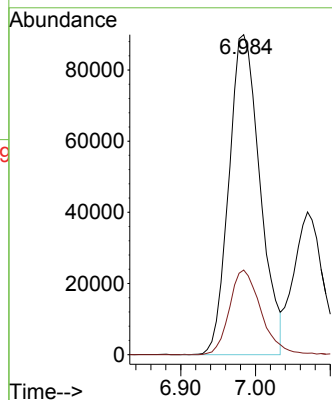
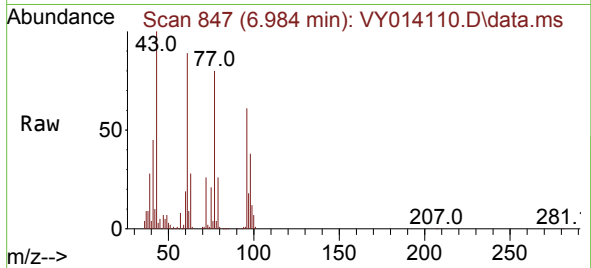




#25
2-Butanone
Concen: 237.104 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

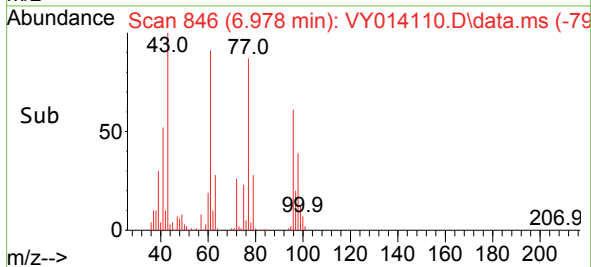
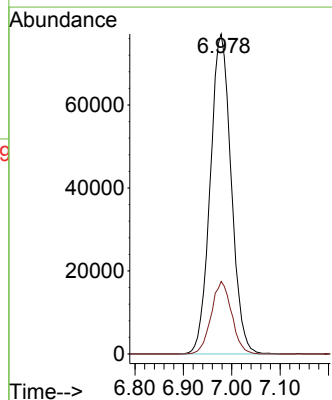
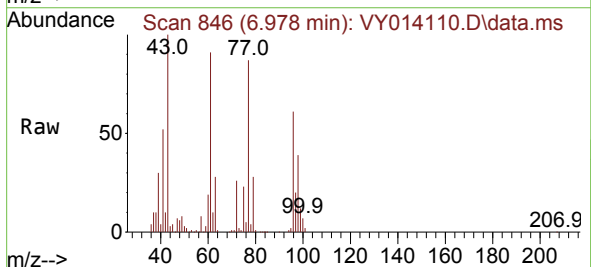
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

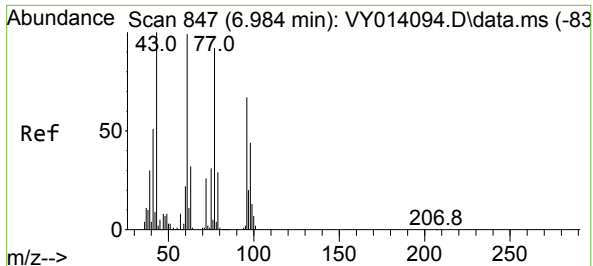
Tgt Ion: 43 Resp: 260390
Ion Ratio Lower Upper
43 100
72 26.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.819 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 77 Resp: 231787
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.889 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

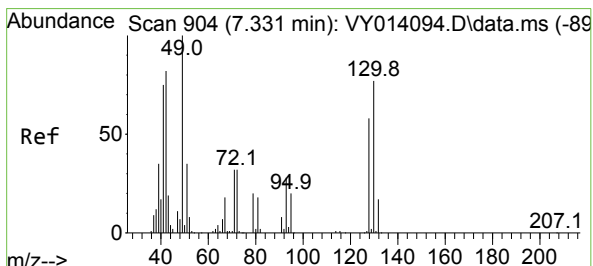
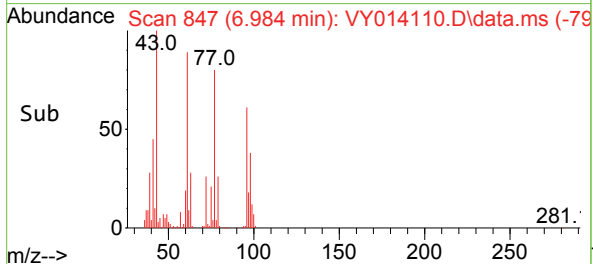
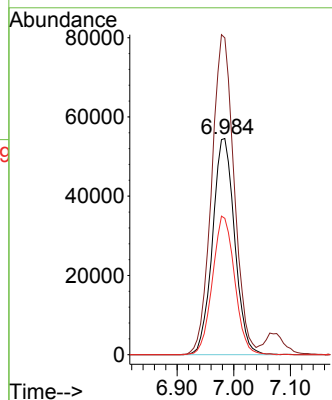
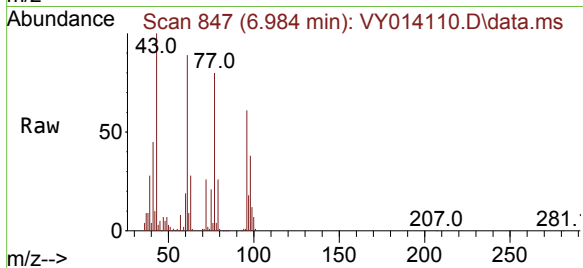
Tgt Ion: 96 Resp: 148033

Ion Ratio Lower Upper

96 100

61 150.3 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 43.569 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

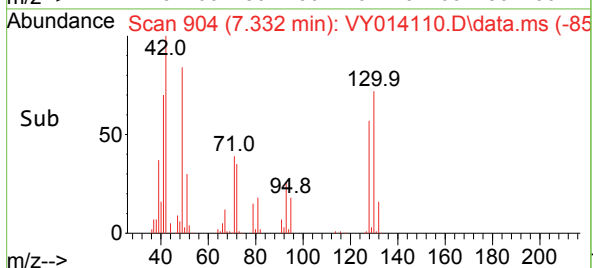
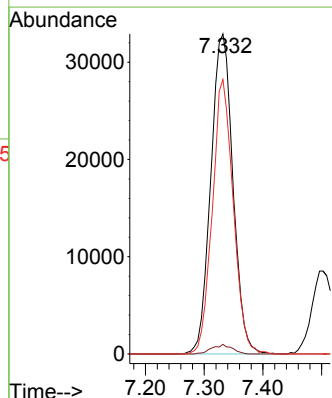
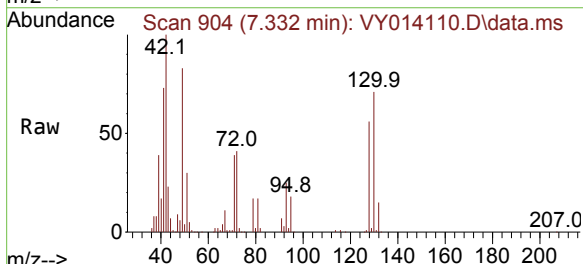
Tgt Ion: 49 Resp: 86041

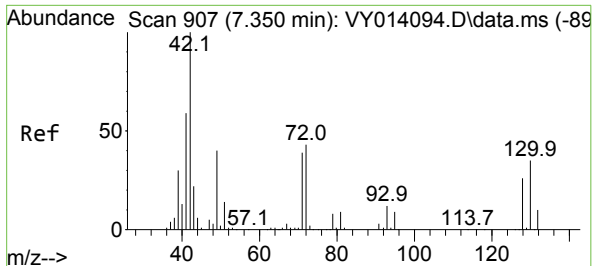
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 81.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 214.665 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

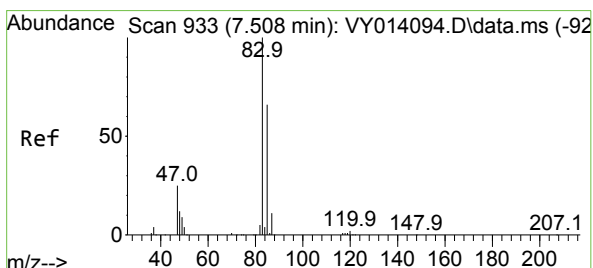
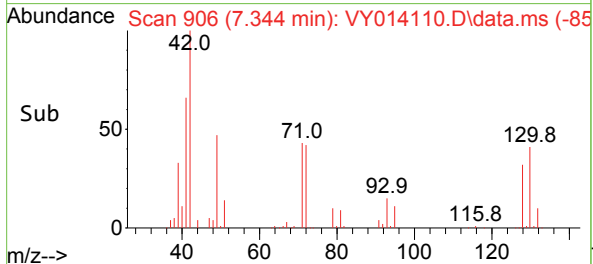
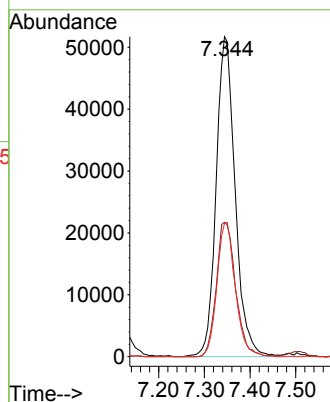
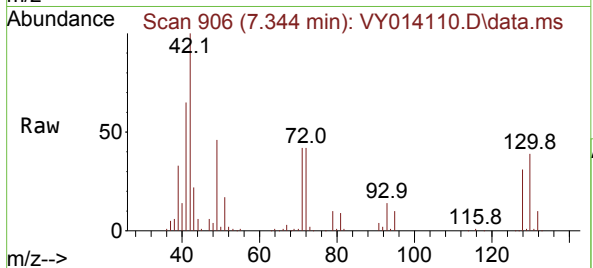
Tgt Ion: 42 Resp: 149490

Ion Ratio Lower Upper

42 100

72 42.7 32.8 49.2

71 40.6 31.0 46.4



#30

Chloroform

Concen: 50.924 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014110.D

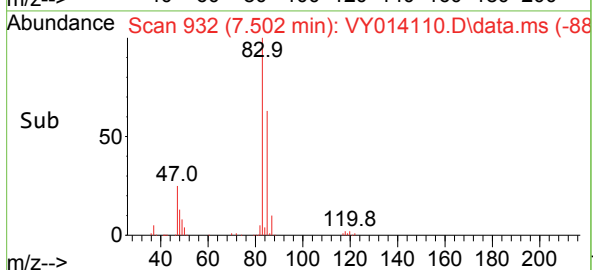
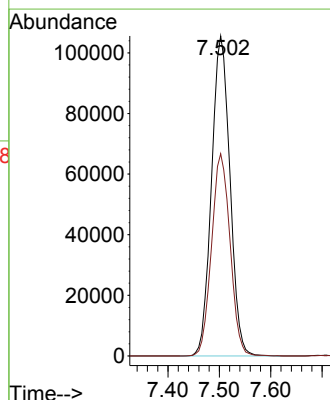
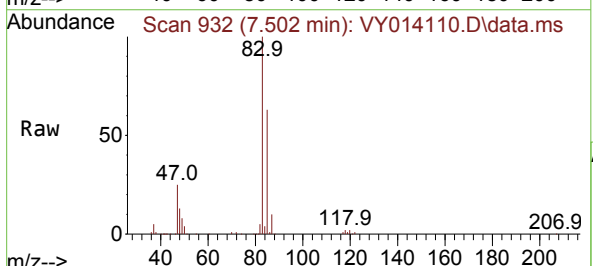
Acq: 12 Jun 2023 10:28

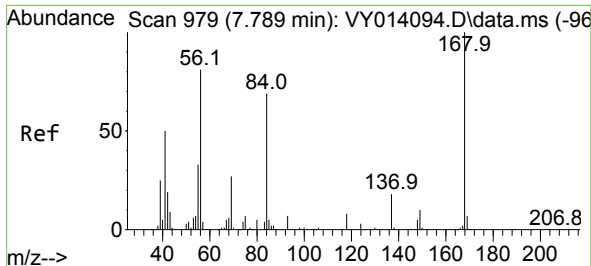
Tgt Ion: 83 Resp: 262353

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

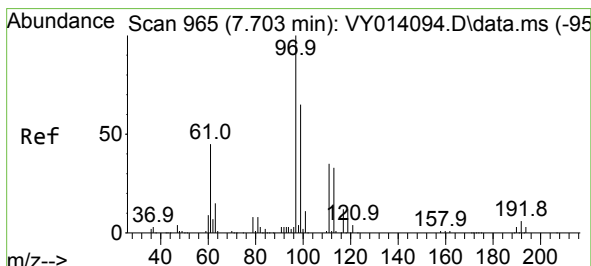
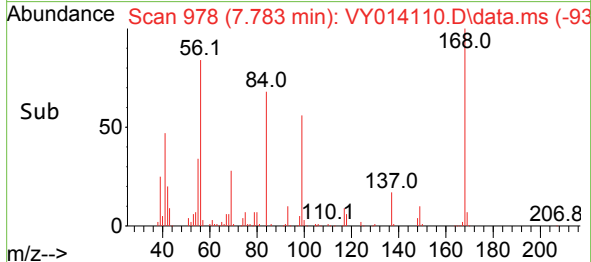
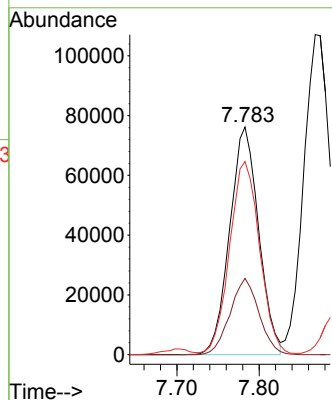
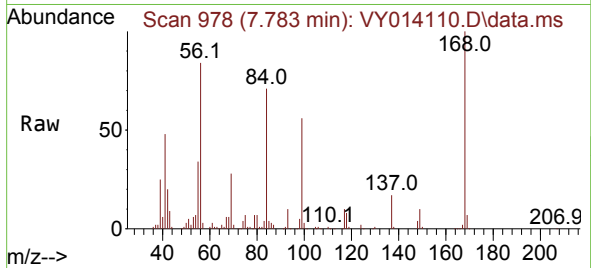




#31
Cyclohexane
Concen: 47.139 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

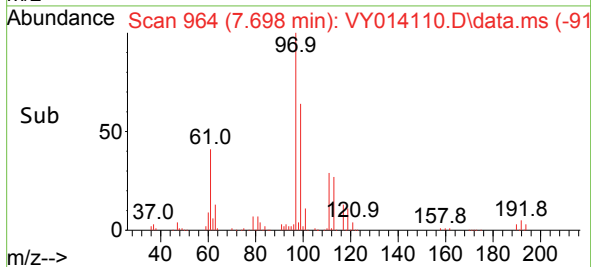
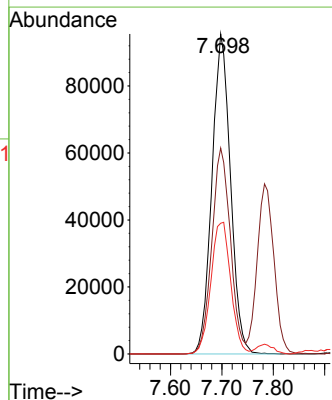
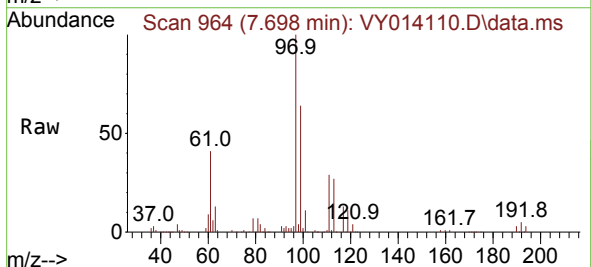
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

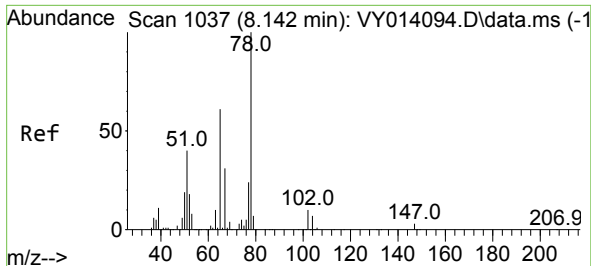
Tgt Ion: 56 Resp: 186902
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 82.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.459 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 97 Resp: 239109
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.355 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

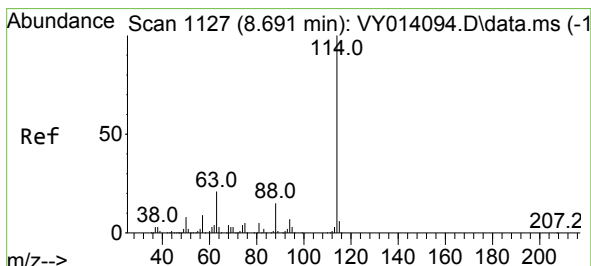
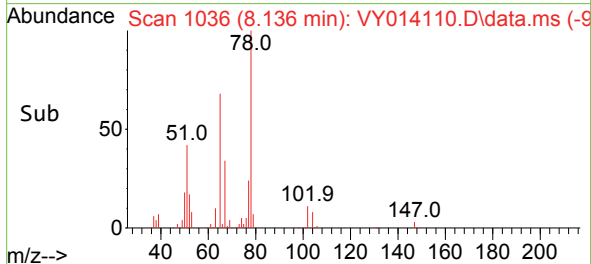
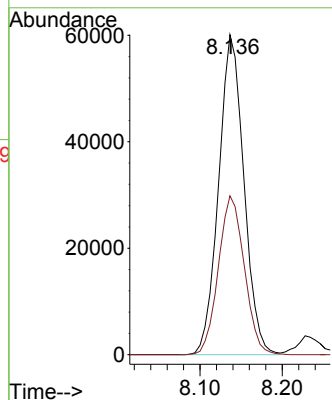
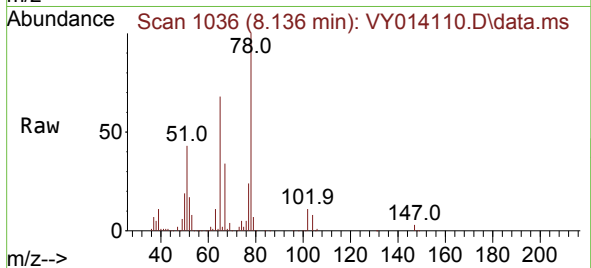
VSTDCCC050

Tgt Ion: 65 Resp: 128319

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

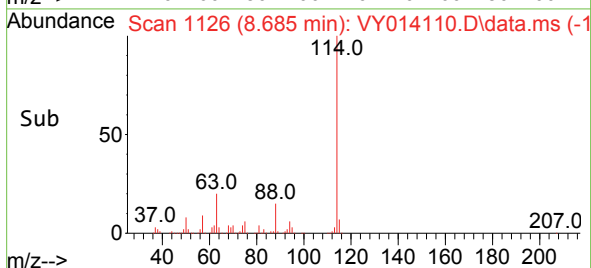
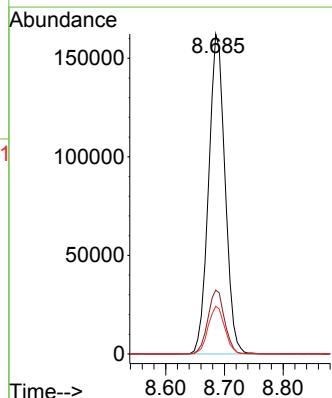
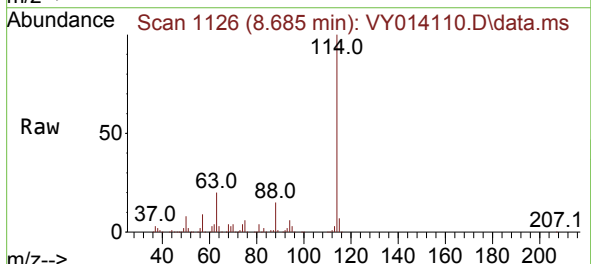
Tgt Ion: 114 Resp: 314774

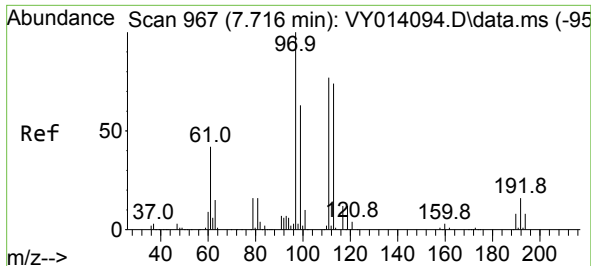
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.9 0.0 30.6

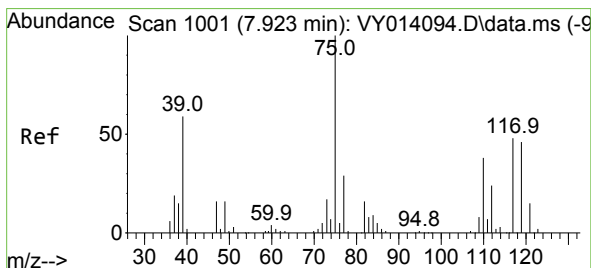
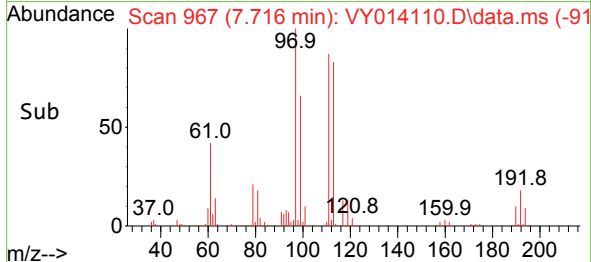
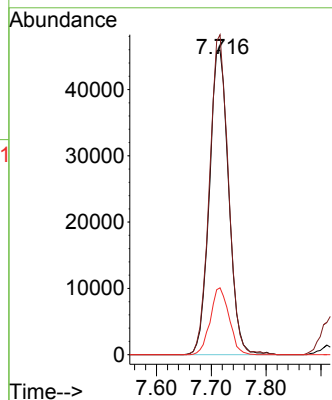
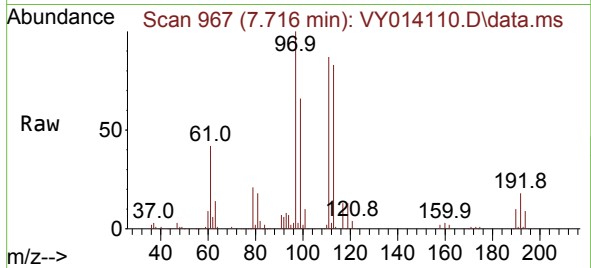




#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

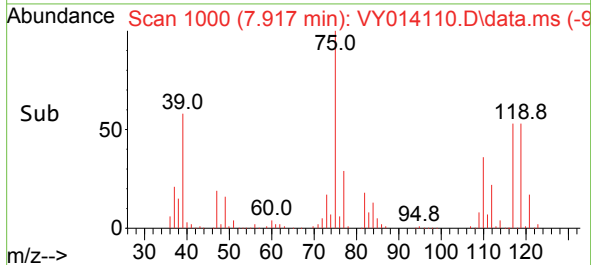
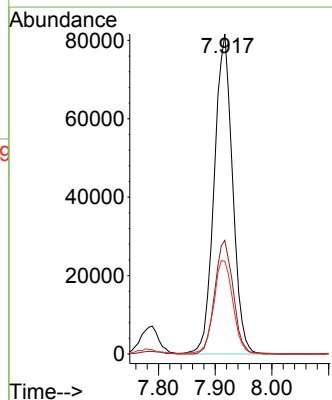
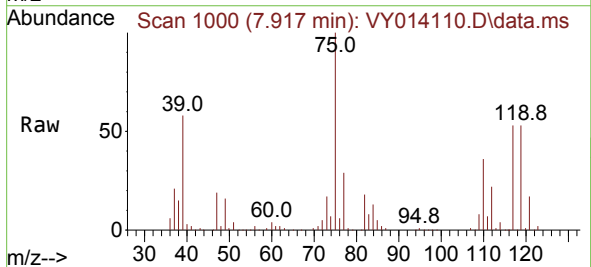
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

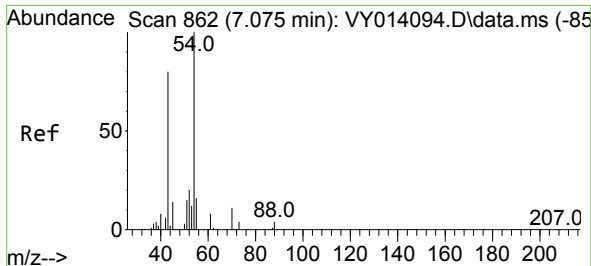
Tgt Ion:113 Resp: 112161
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.644 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 75 Resp: 183212
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.7 24.4 36.6

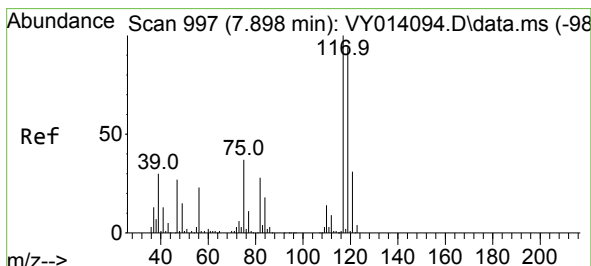
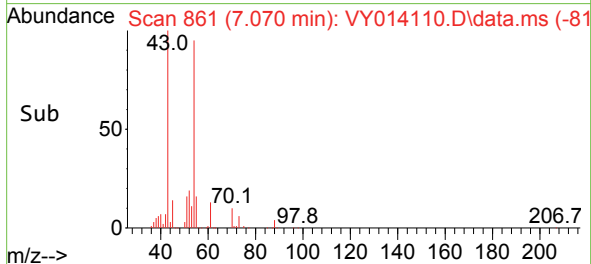
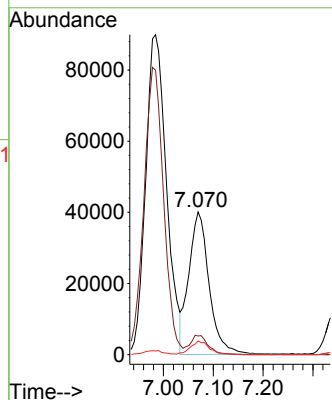
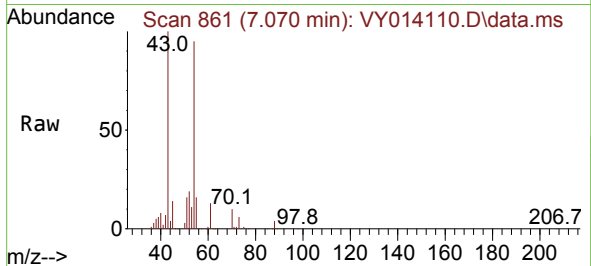




#37
Ethyl Acetate
Concen: 47.167 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

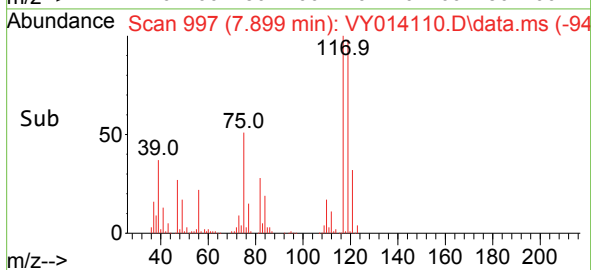
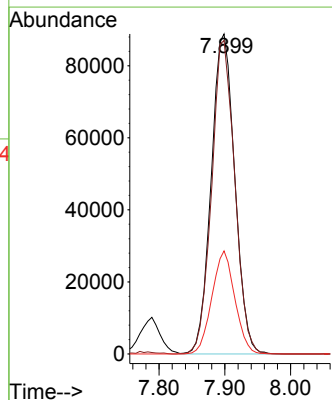
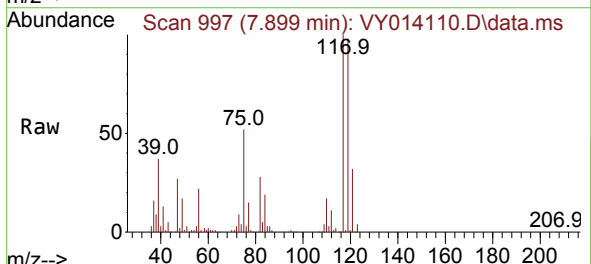
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

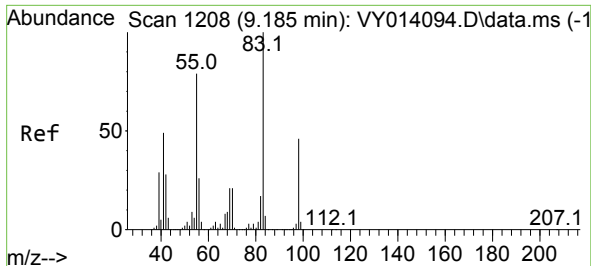
Tgt Ion: 43 Resp: 113261
Ion Ratio Lower Upper
43 100
61 12.3 10.1 15.1
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.169 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 117 Resp: 221564
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 32.2 25.8 38.6





#39

Methylcyclohexane

Concen: 52.998 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

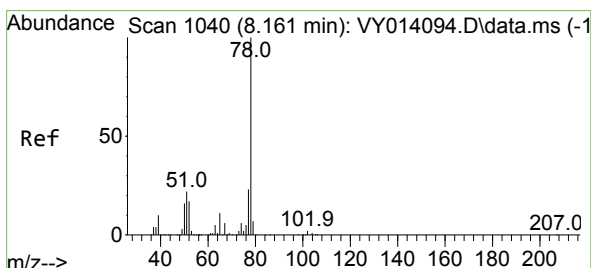
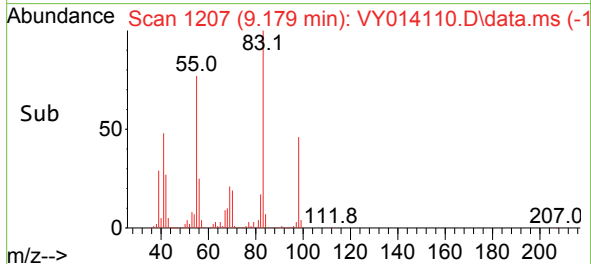
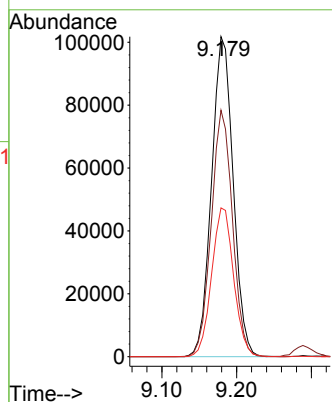
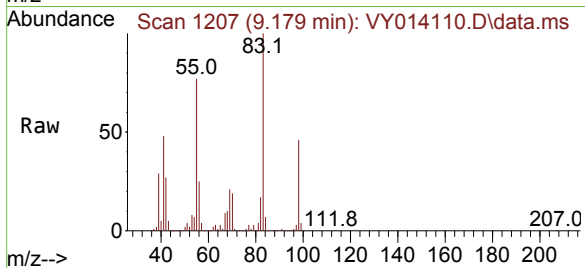
Tgt Ion: 83 Resp: 204640

Ion Ratio Lower Upper

83 100

55 76.9 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 50.941 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014110.D

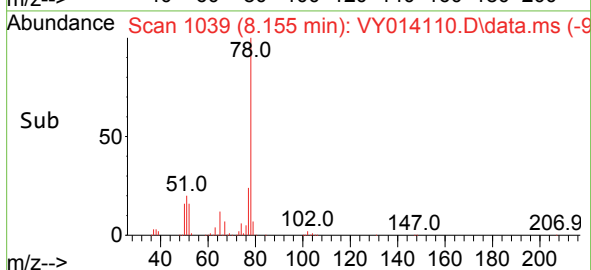
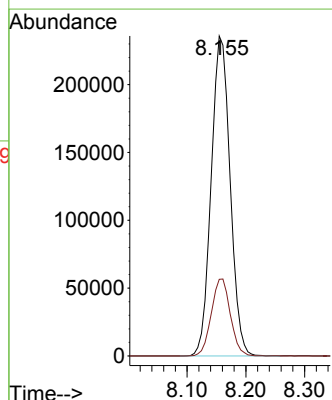
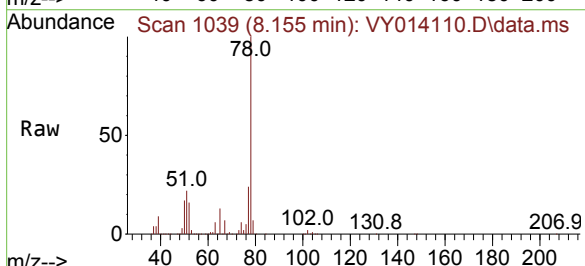
Acq: 12 Jun 2023 10:28

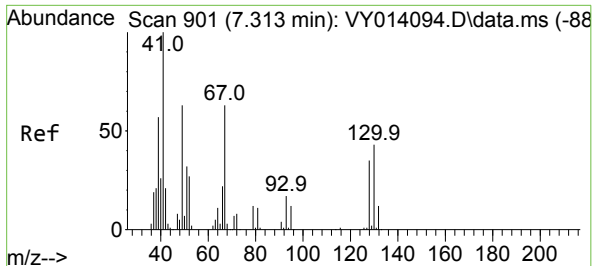
Tgt Ion: 78 Resp: 527176

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

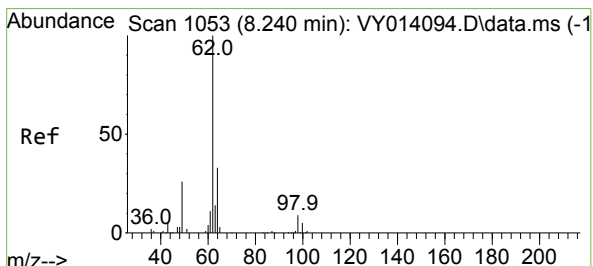
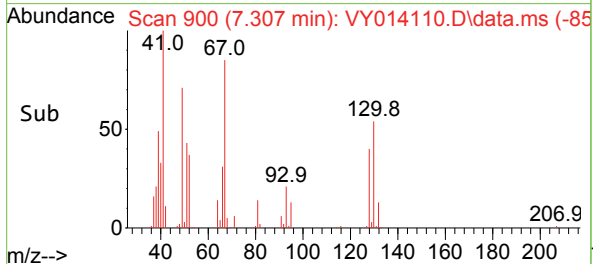
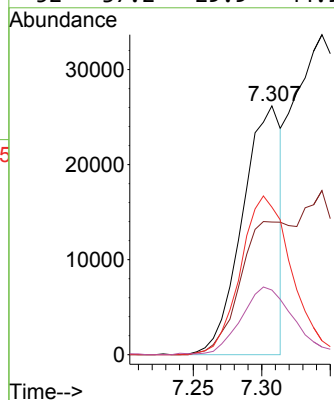
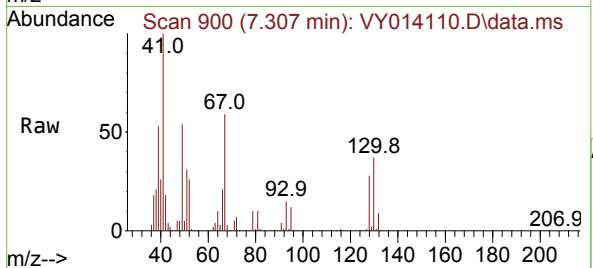




#41
Methacrylonitrile
Concen: 42.102 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

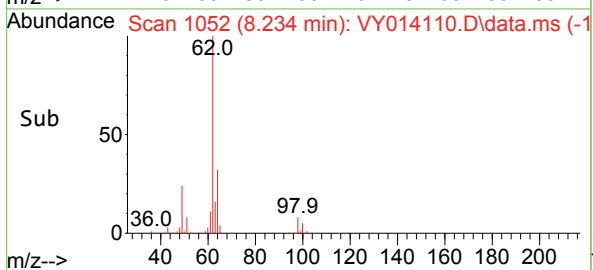
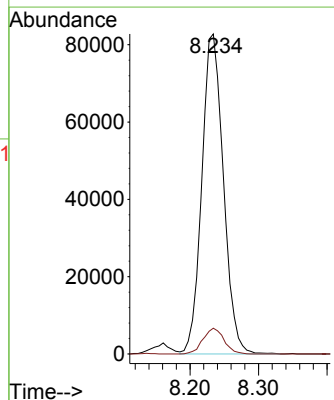
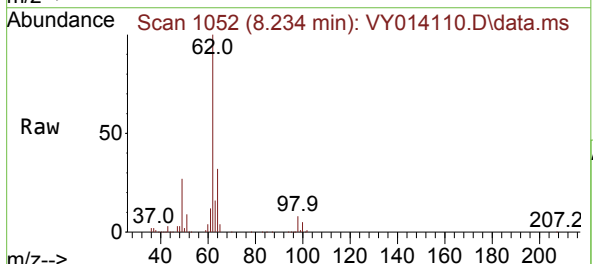
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

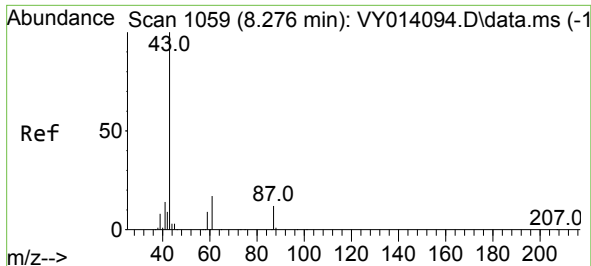
Tgt Ion:	41	Resp:	51596
Ion	Ratio	Lower	Upper
41	100		
39	66.7	52.1	78.1
67	84.7	66.2	99.2
52	37.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 49.661 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:	62	Resp:	181738
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

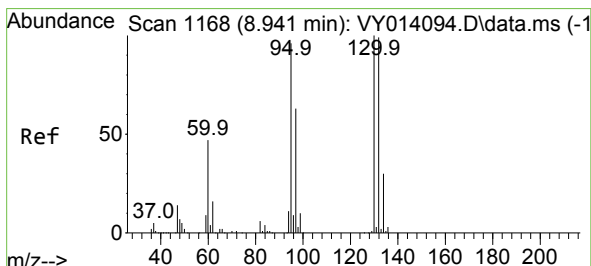
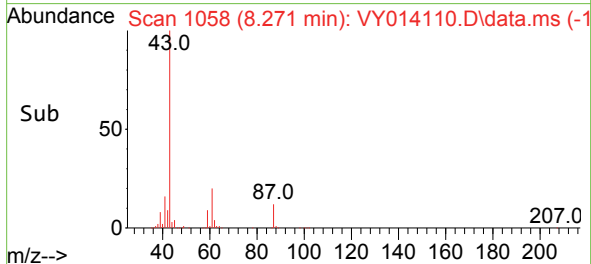
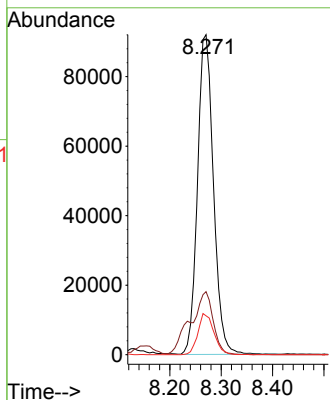
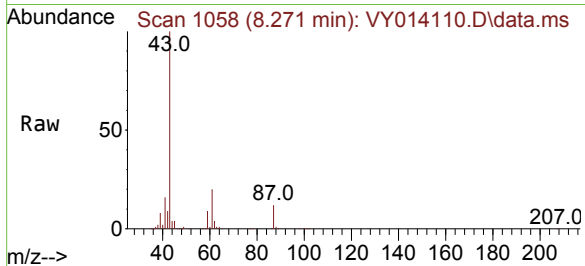




#43
Isopropyl Acetate
Concen: 47.146 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

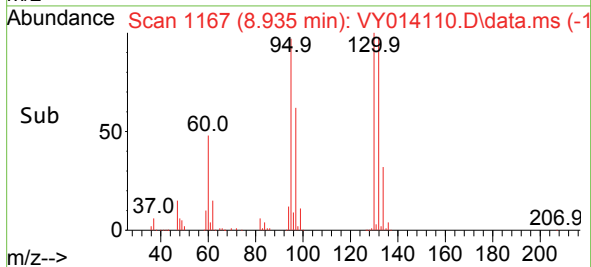
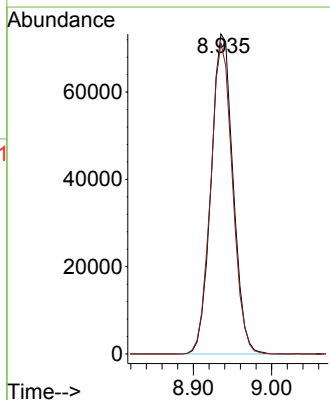
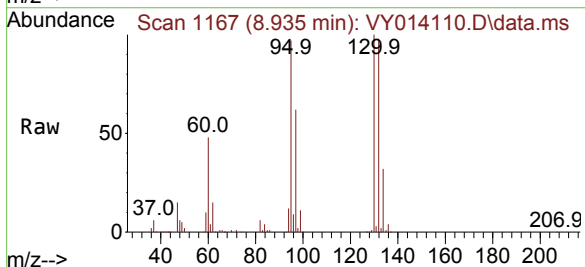
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

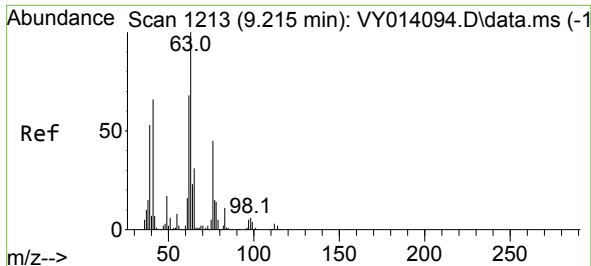
Tgt Ion: 43 Resp: 198424
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 12.9 9.8 14.8



#44
Trichloroethene
Concen: 51.723 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:130 Resp: 143010
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.664 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

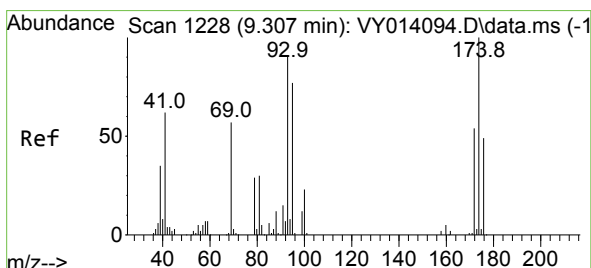
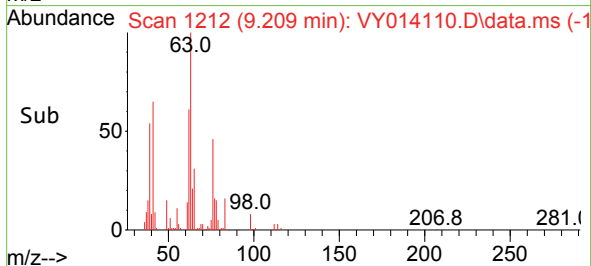
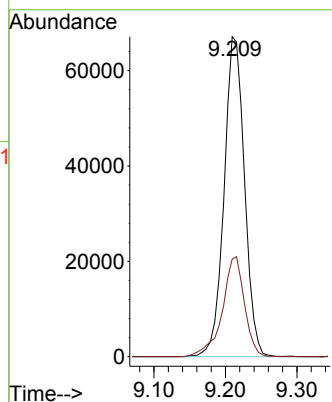
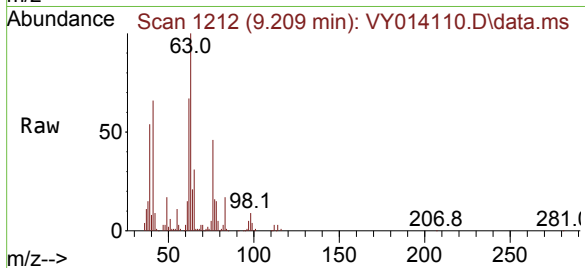
VSTDCCC050

Tgt Ion: 63 Resp: 133174

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 48.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

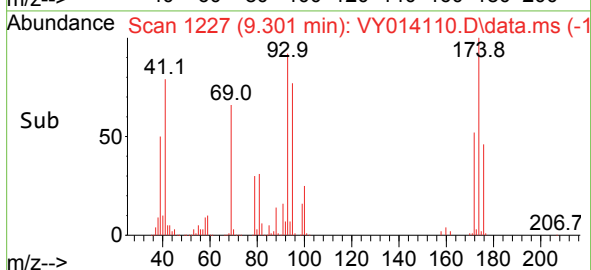
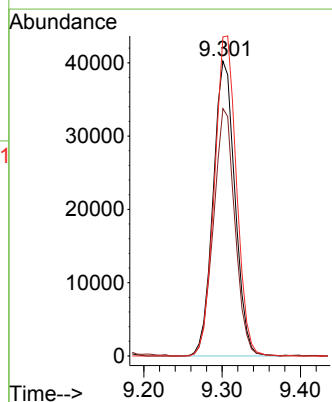
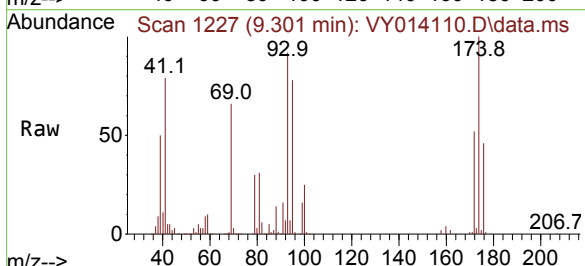
Tgt Ion: 93 Resp: 77816

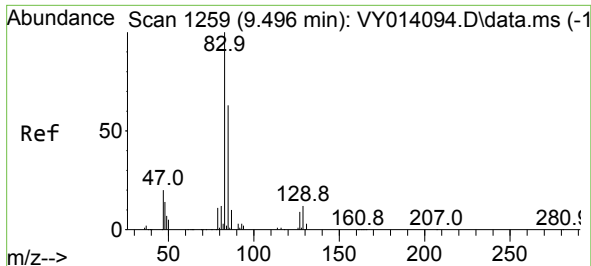
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 109.5 84.8 127.2

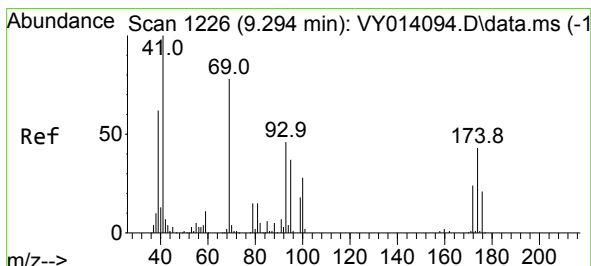
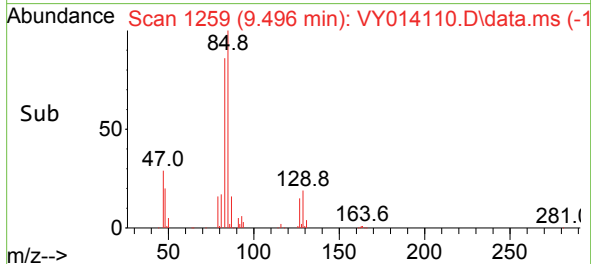
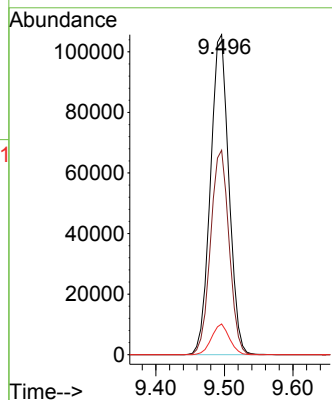
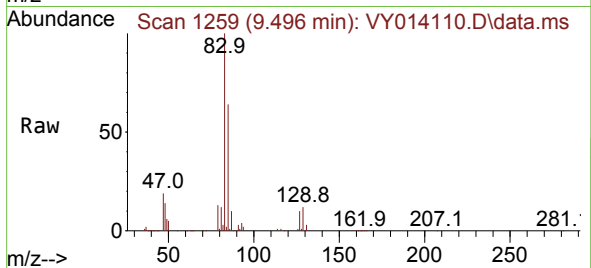




#47
Bromodichloromethane
Concen: 51.919 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

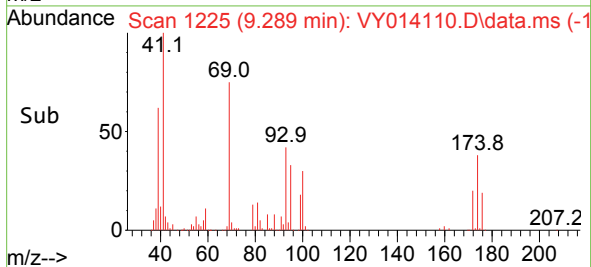
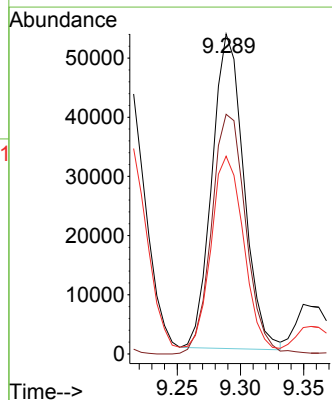
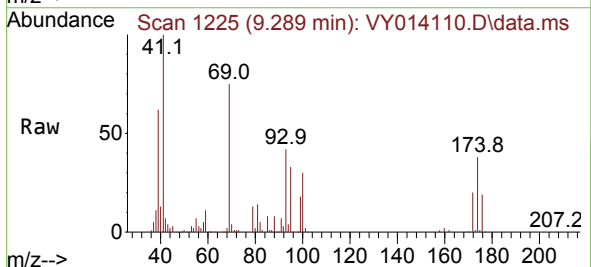
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

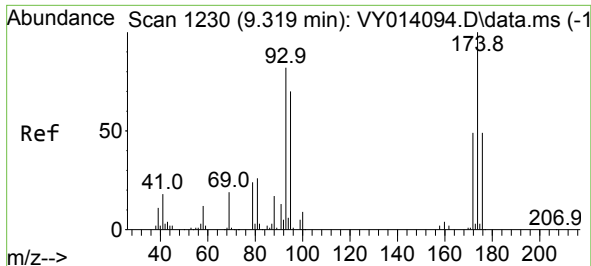
Tgt Ion: 83 Resp: 196696
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 47.395 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 41 Resp: 93037
Ion Ratio Lower Upper
41 100
69 82.1 64.5 96.7
39 65.8 50.8 76.2





#49

1,4-Dioxane

Concen: 966.071 ug/l

RT: 9.307 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

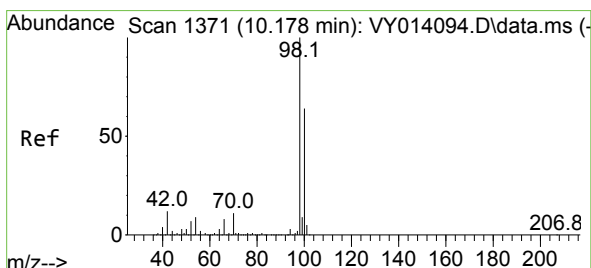
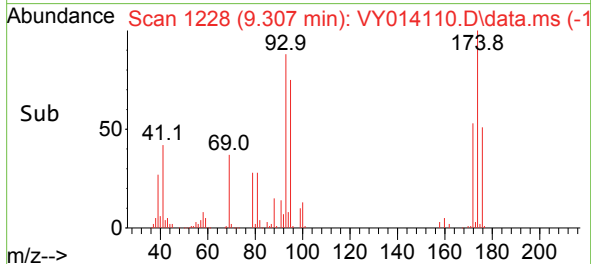
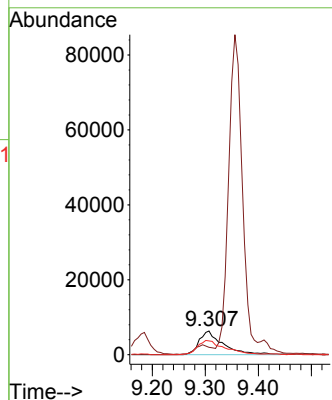
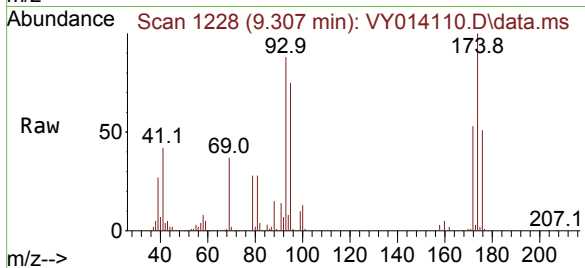
Tgt Ion: 88 Resp: 19862

Ion Ratio Lower Upper

88 100

43 28.6 0.0 0.0#

58 68.7 30.9 46.3#



#50

Toluene-d8

Concen: 47.925 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014110.D

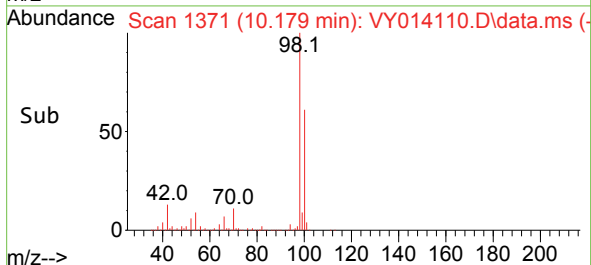
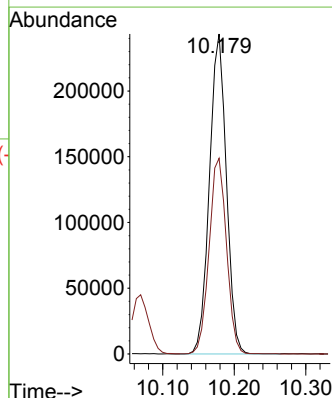
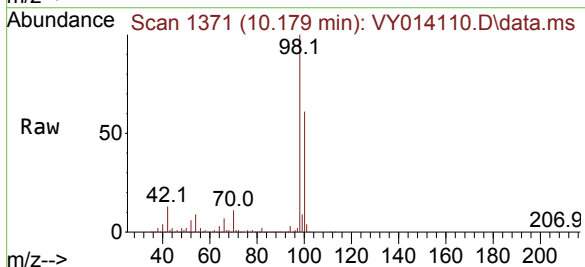
Acq: 12 Jun 2023 10:28

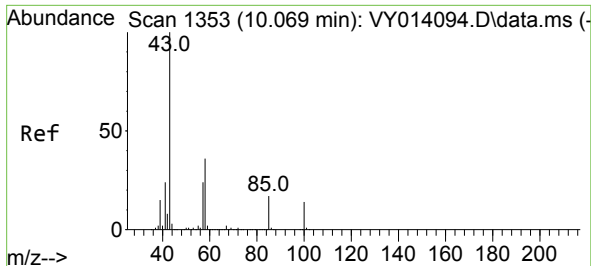
Tgt Ion: 98 Resp: 399968

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

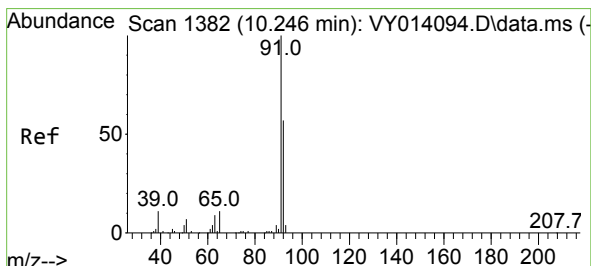
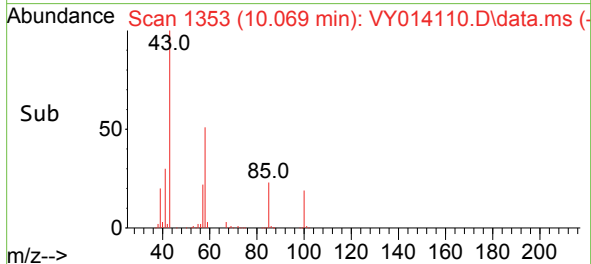
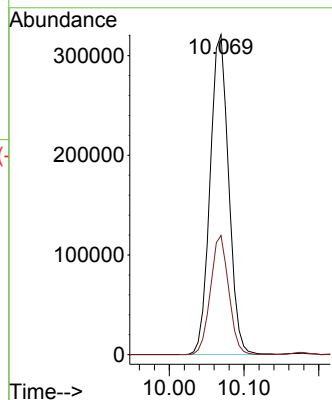
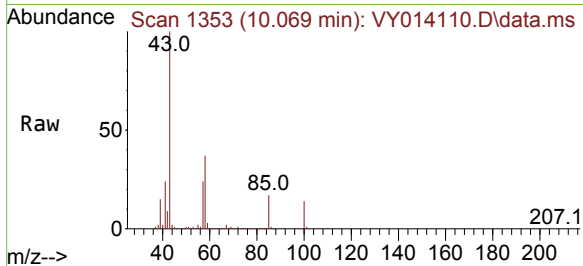




#51
4-Methyl-2-Pentanone
Concen: 242.659 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

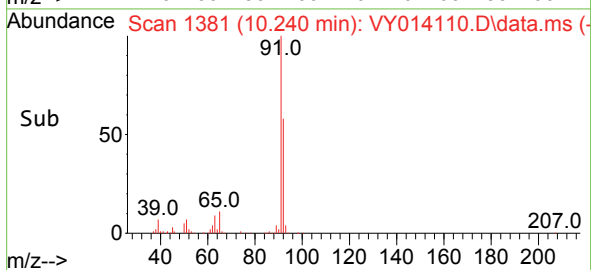
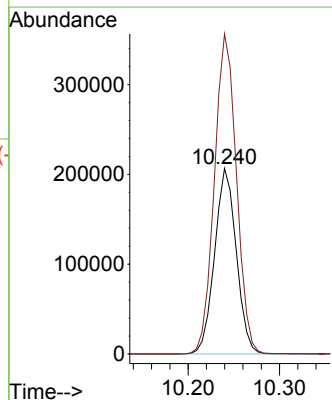
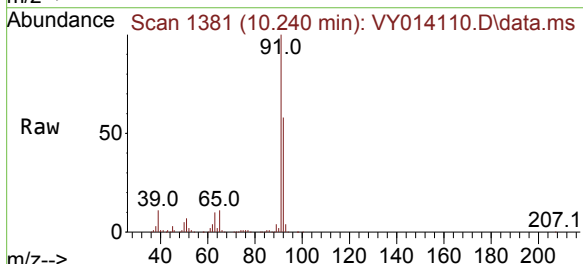
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

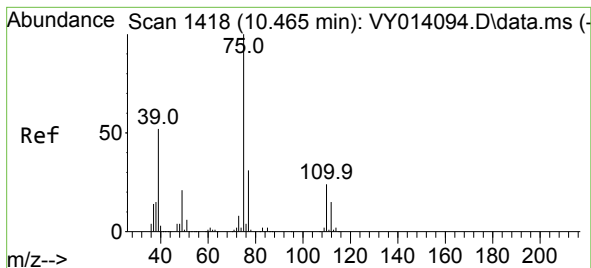
Tgt Ion: 43 Resp: 554846
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6



#52
Toluene
Concen: 53.076 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 92 Resp: 340491
Ion Ratio Lower Upper
92 100
91 176.1 143.8 215.6

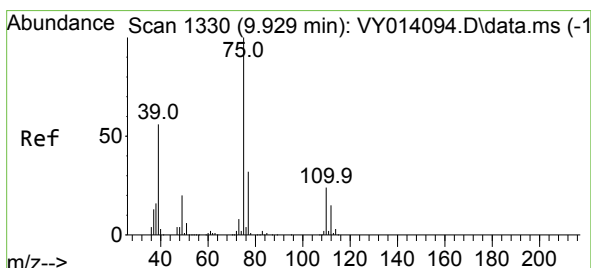
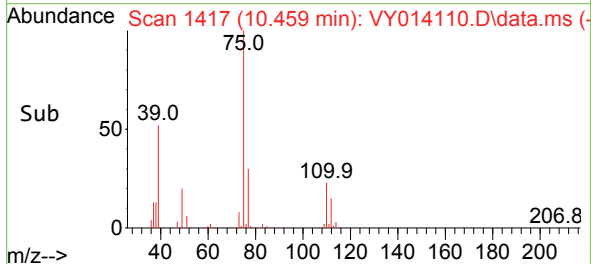
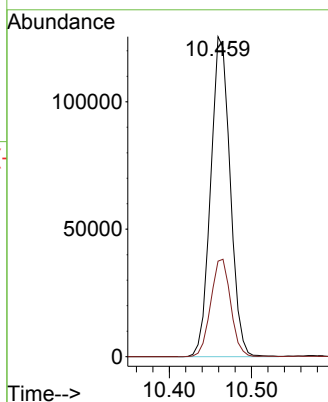
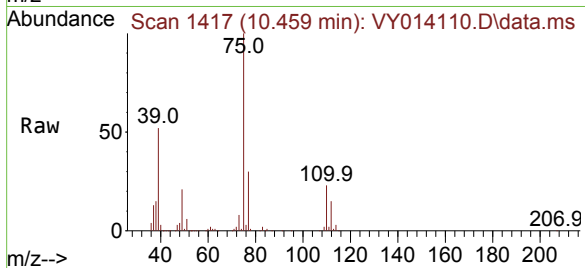




#53
t-1,3-Dichloropropene
Concen: 51.778 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

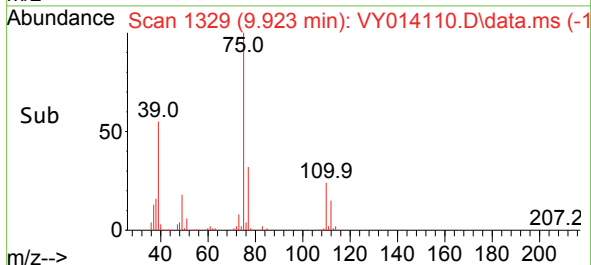
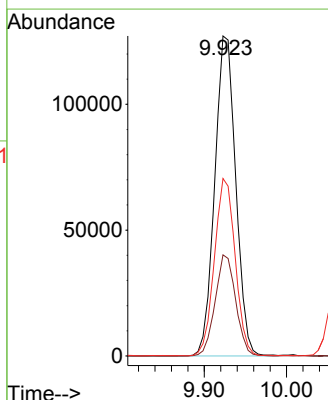
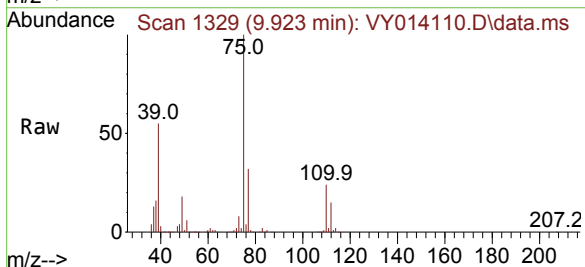
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

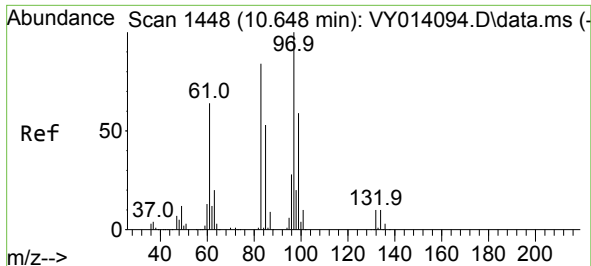
Tgt Ion: 75 Resp: 206503
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.894 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 75 Resp: 225810
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 55.4 42.2 63.4

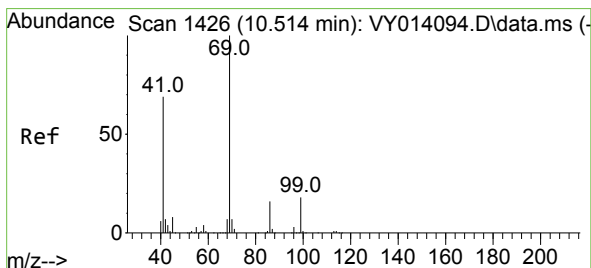
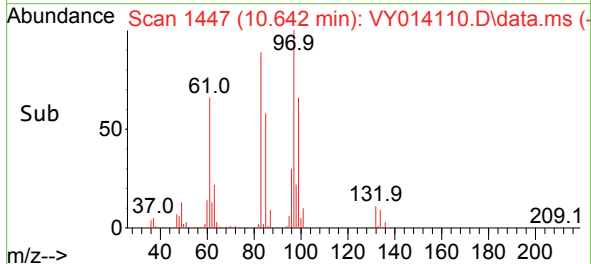
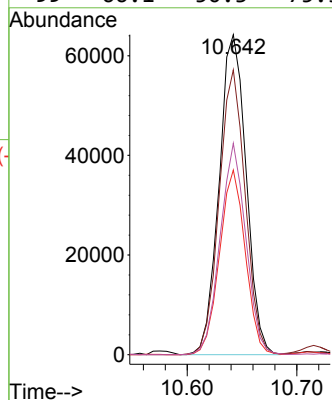
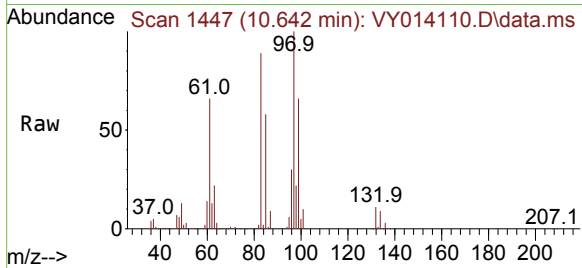




#55
1,1,2-Trichloroethane
Concen: 51.324 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

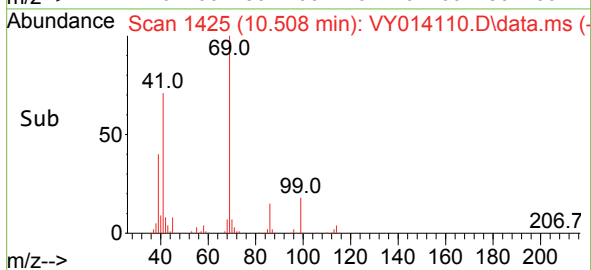
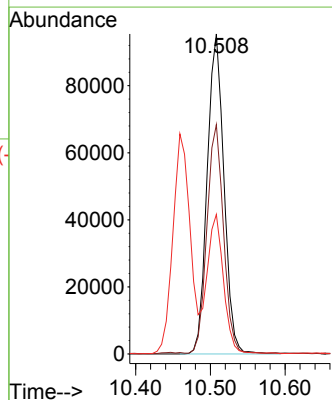
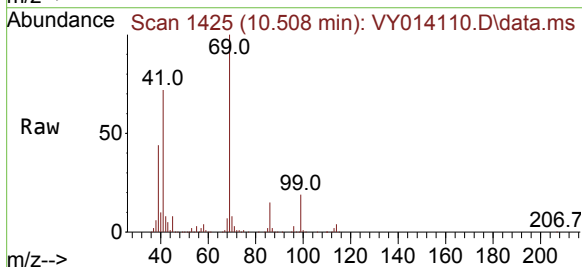
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

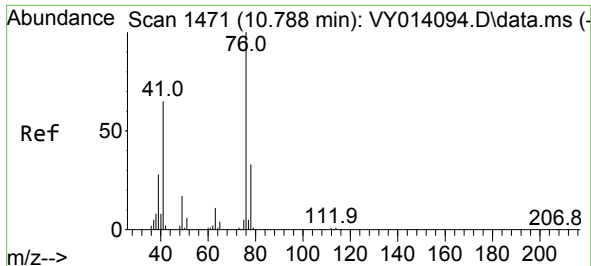
Tgt Ion: 97 Resp: 110148
Ion Ratio Lower Upper
97 100
83 89.0 72.0 108.0
85 57.7 45.4 68.0
99 66.1 50.3 75.5



#56
Ethyl methacrylate
Concen: 50.256 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 69 Resp: 148767
Ion Ratio Lower Upper
69 100
41 70.4 57.6 86.4
39 42.5 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.035 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

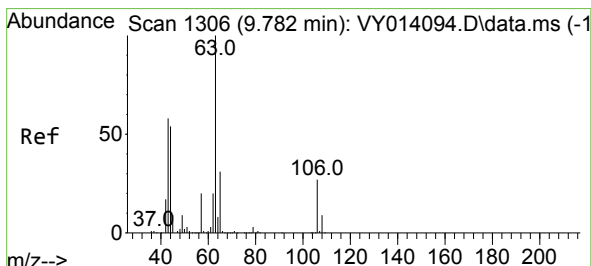
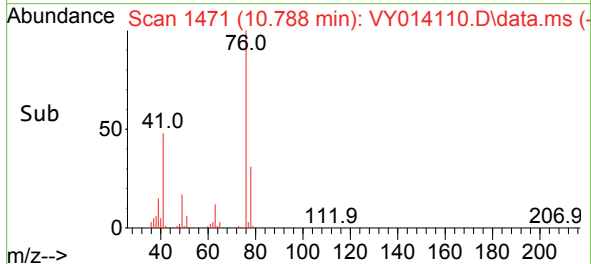
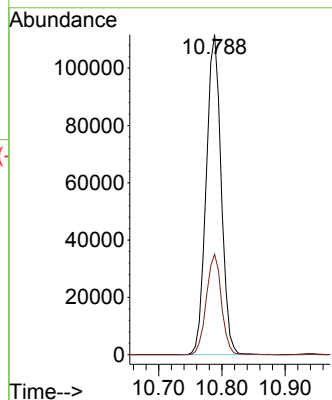
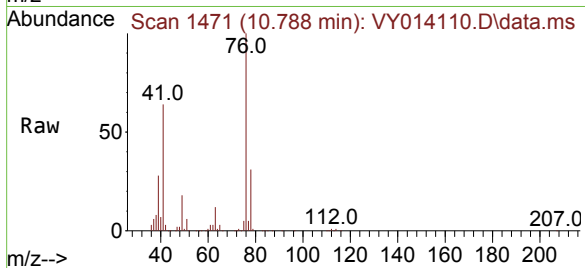
VSTDCCC050

Tgt Ion: 76 Resp: 183654

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 228.078 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014110.D

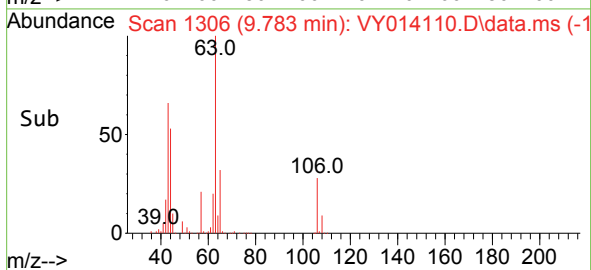
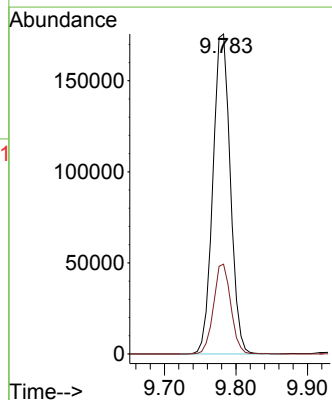
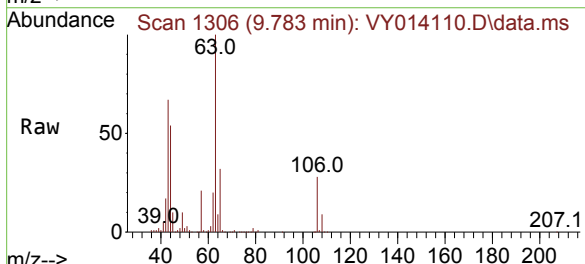
Acq: 12 Jun 2023 10:28

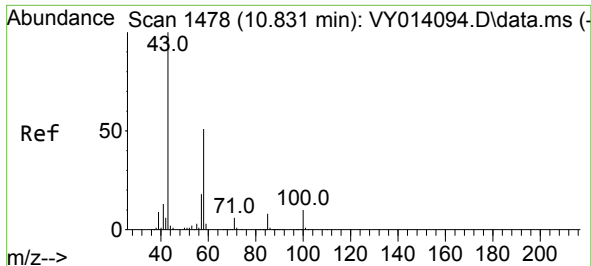
Tgt Ion: 63 Resp: 297936

Ion Ratio Lower Upper

63 100

106 27.7 21.2 31.8

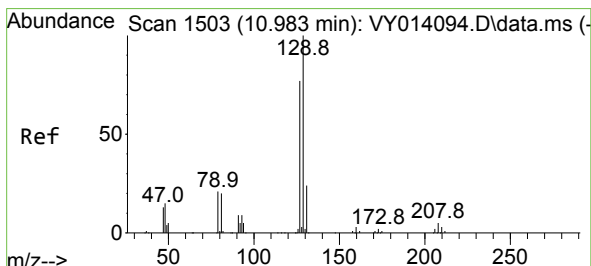
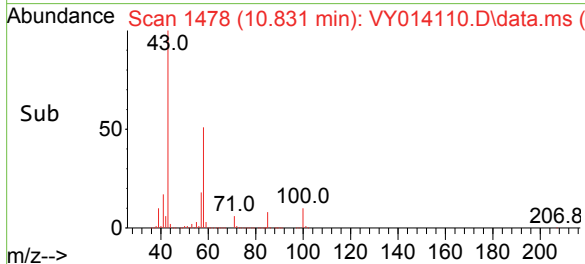
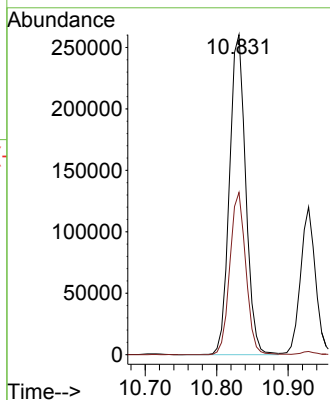
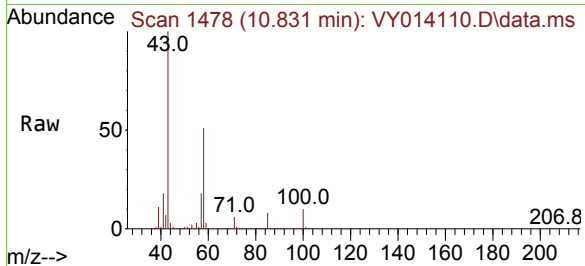




#59
2-Hexanone
Concen: 248.516 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

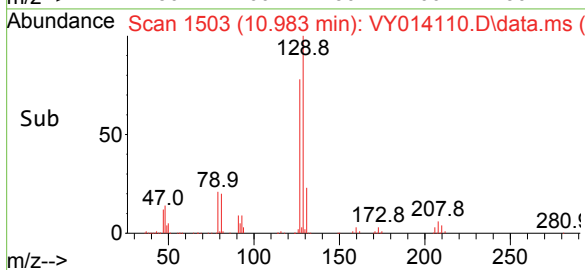
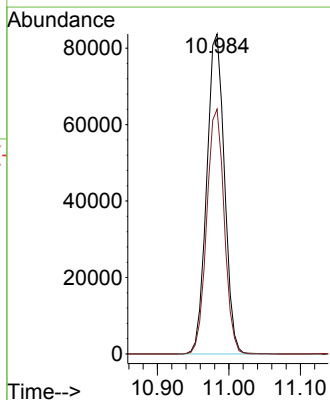
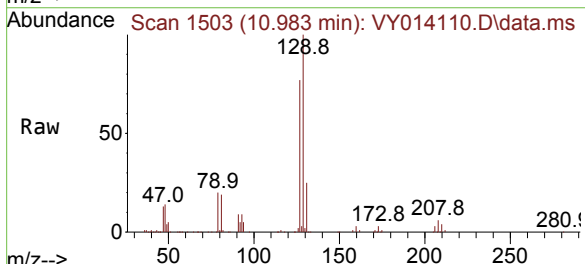
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

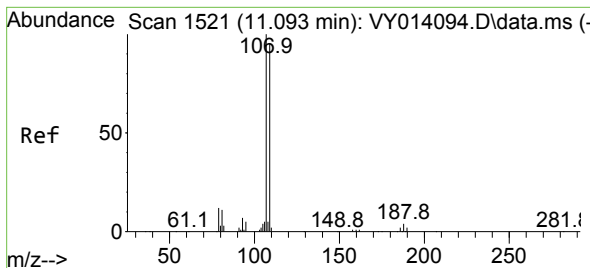
Tgt Ion: 43 Resp: 410416
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 52.354 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 129 Resp: 143808
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5

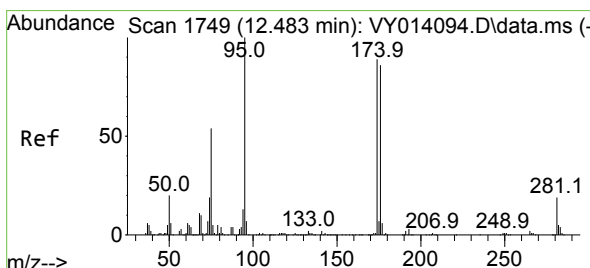
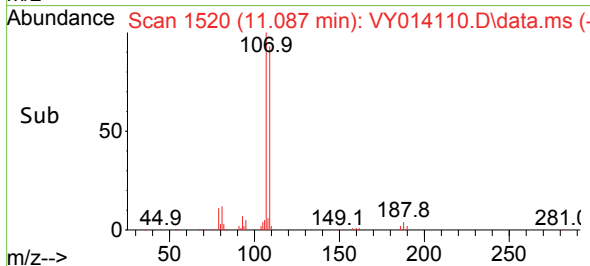
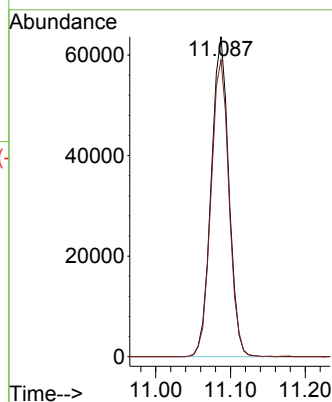
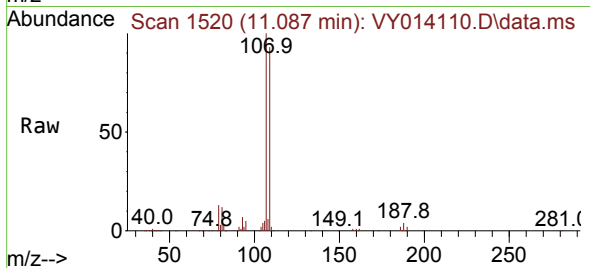




#61
1,2-Dibromoethane
Concen: 49.422 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

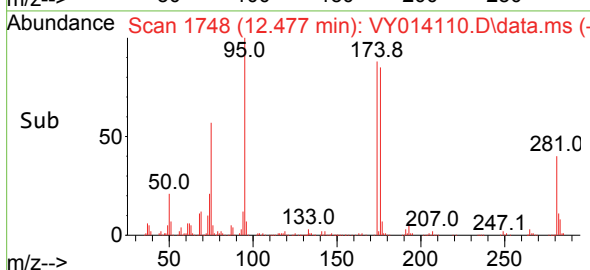
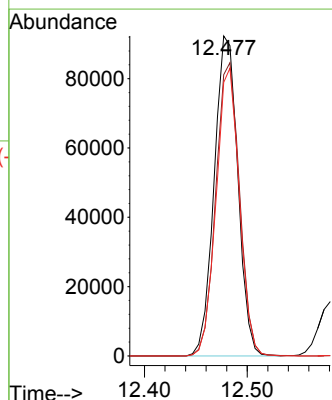
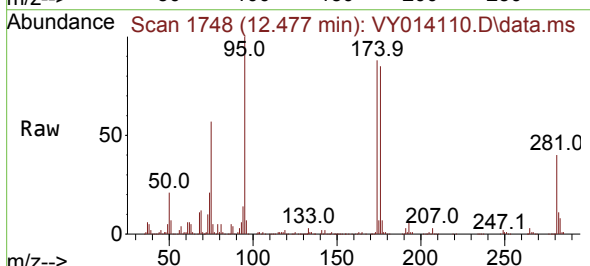
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

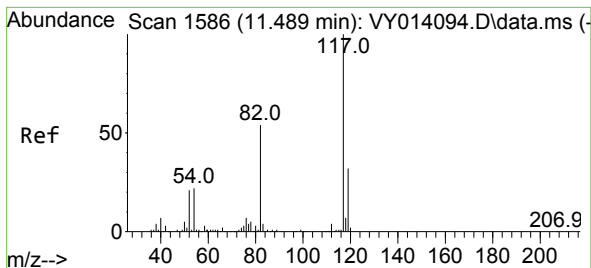
Tgt Ion:107 Resp: 104679
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.700 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 95 Resp: 147341
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 88.6 0.0 173.8

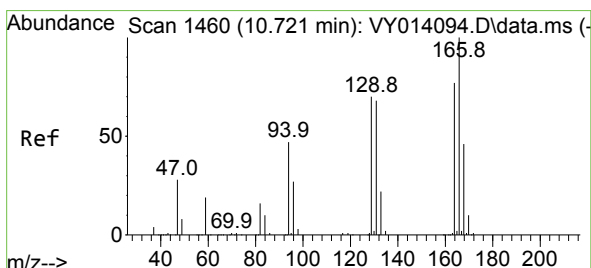
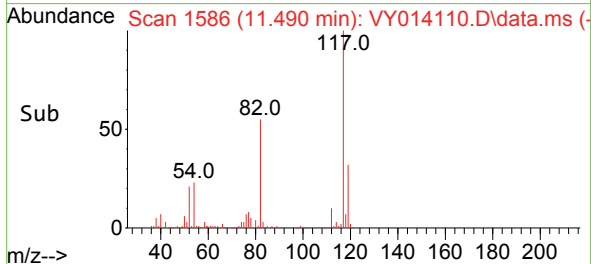
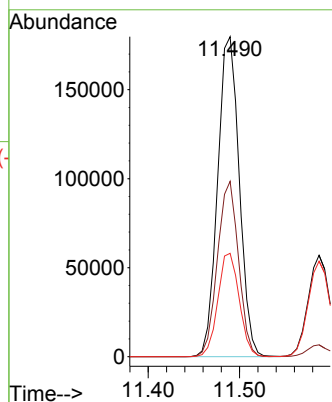
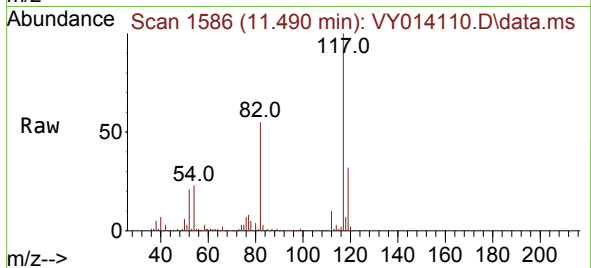




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

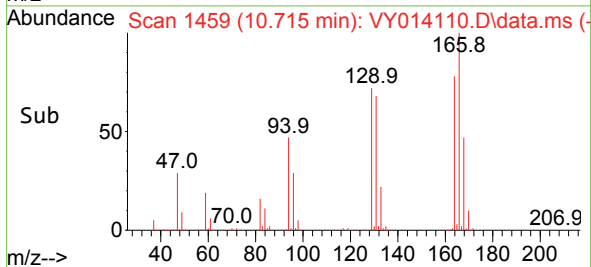
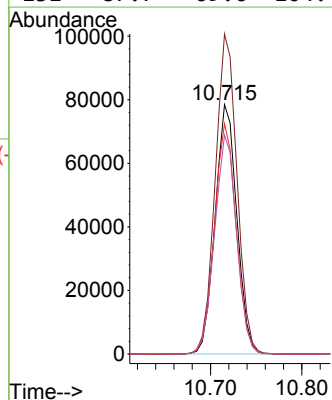
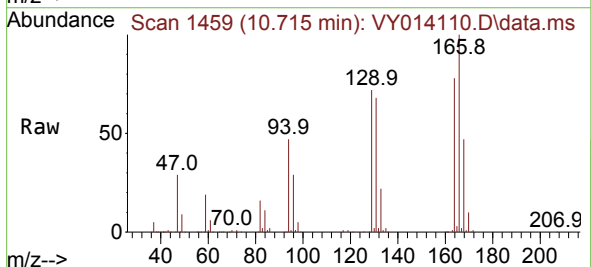
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

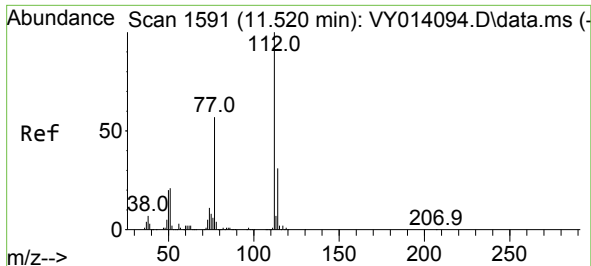
Tgt Ion:117 Resp: 295515
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 51.433 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:164 Resp: 129552
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 92.3 77.2 115.8
131 87.7 69.6 104.4

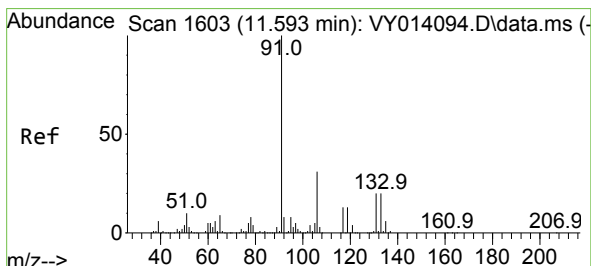
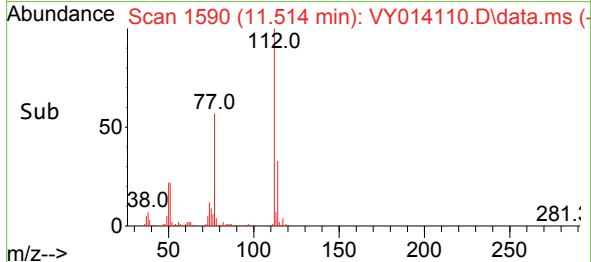
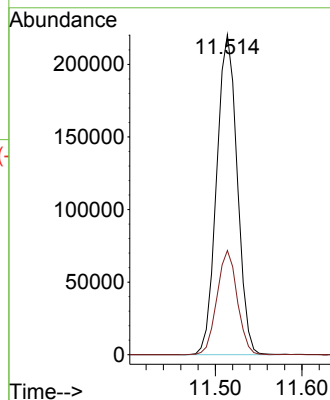
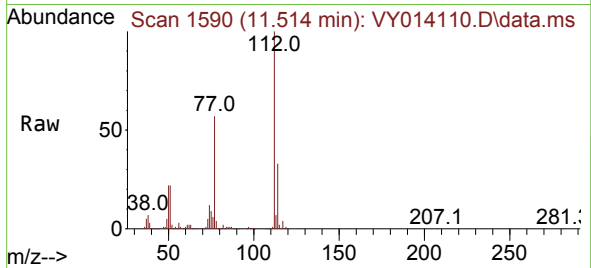




#65
Chlorobenzene
Concen: 51.304 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

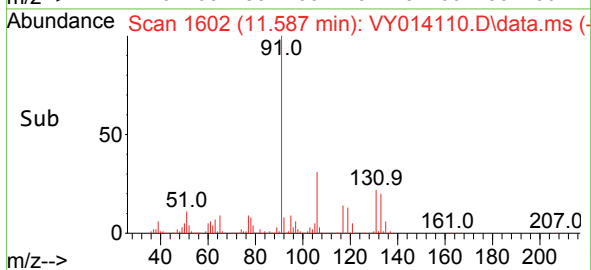
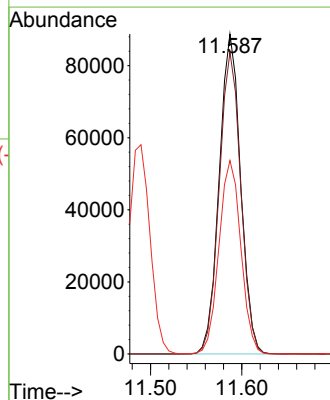
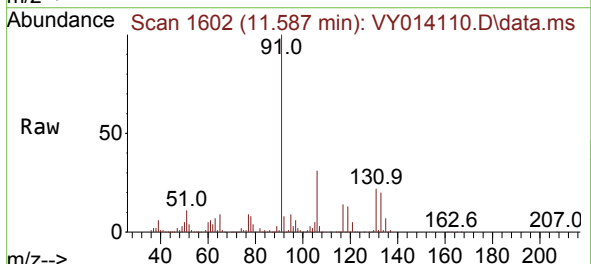
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

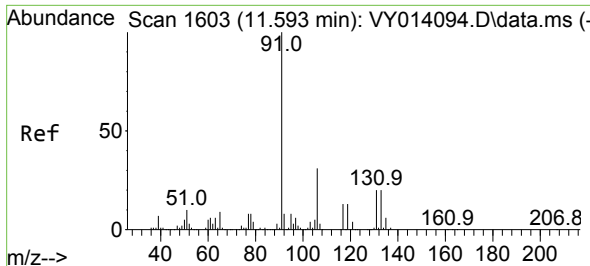
Tgt Ion:112 Resp: 364298
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.816 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:131 Resp: 144717
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 61.8 31.6 94.7





#67

Ethyl Benzene

Concen: 53.163 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

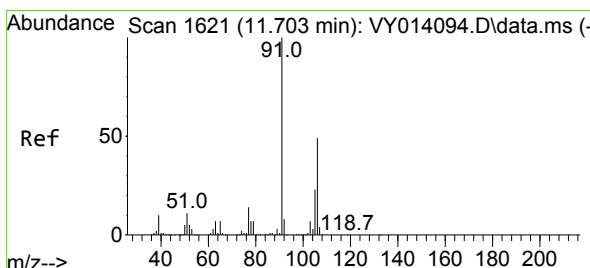
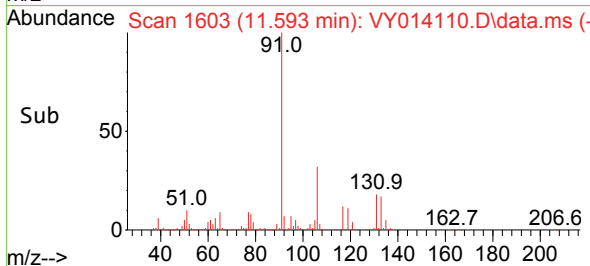
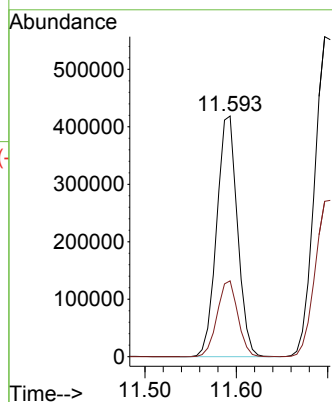
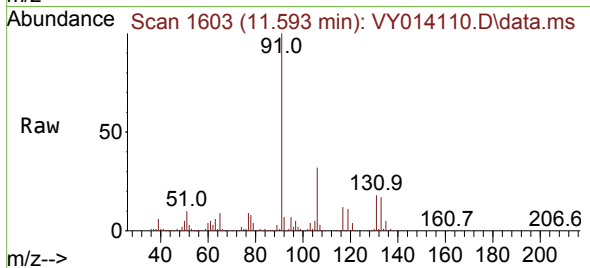
VSTDCCC050

Tgt Ion: 91 Resp: 660772

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 106.595 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014110.D

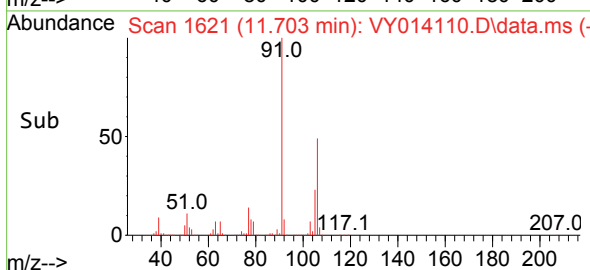
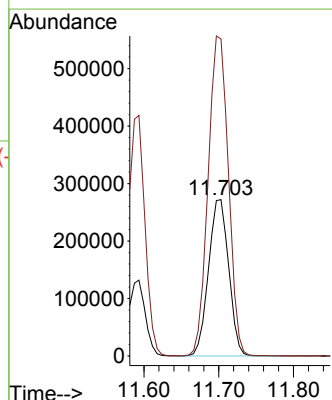
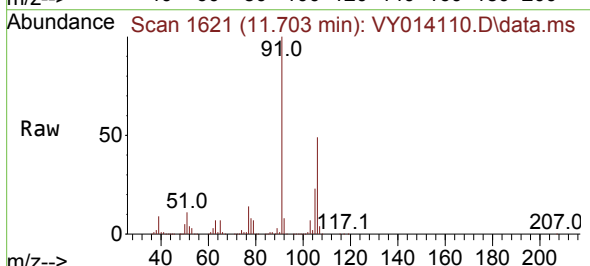
Acq: 12 Jun 2023 10:28

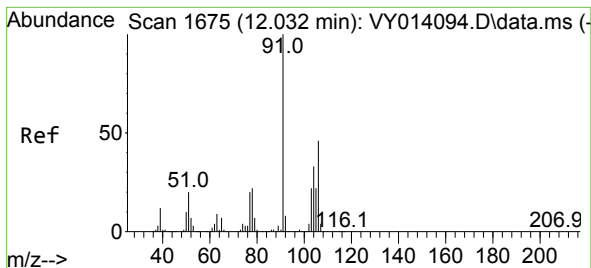
Tgt Ion:106 Resp: 509602

Ion Ratio Lower Upper

106 100

91 205.6 166.1 249.1





#69

o-Xylene

Concen: 53.859 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

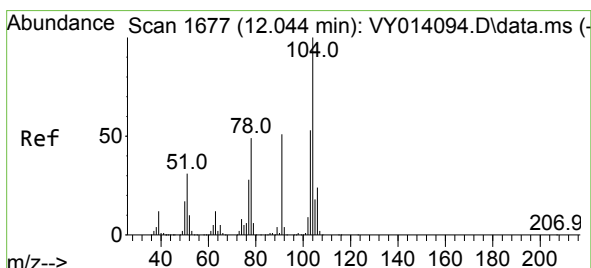
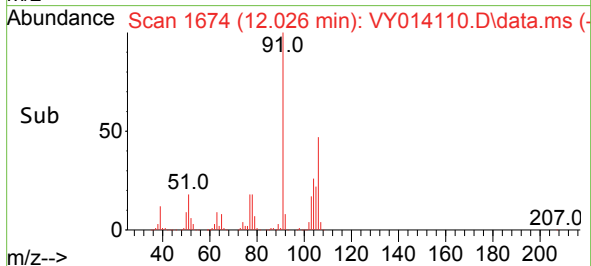
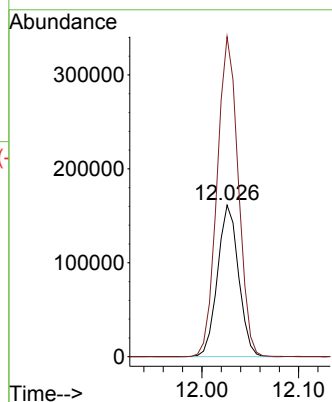
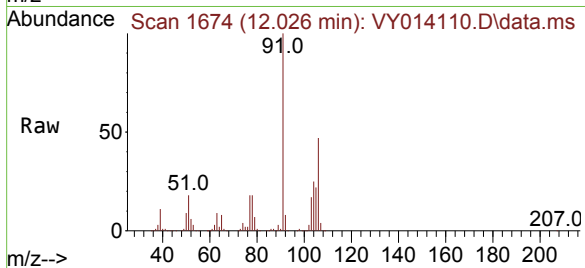
VSTDCCC050

Tgt Ion:106 Resp: 243439

Ion Ratio Lower Upper

106 100

91 212.7 108.1 324.3



#70

Styrene

Concen: 53.978 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

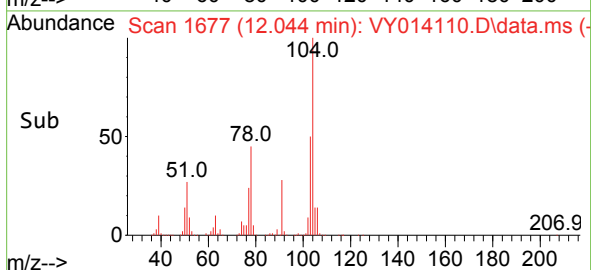
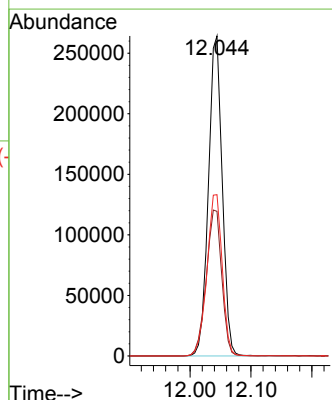
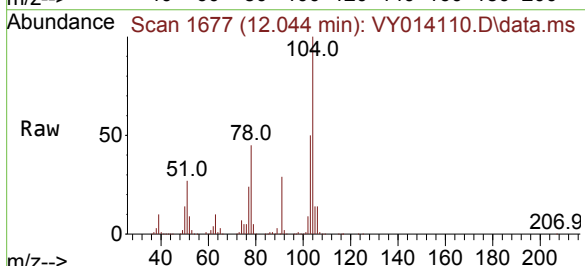
Tgt Ion:104 Resp: 416401

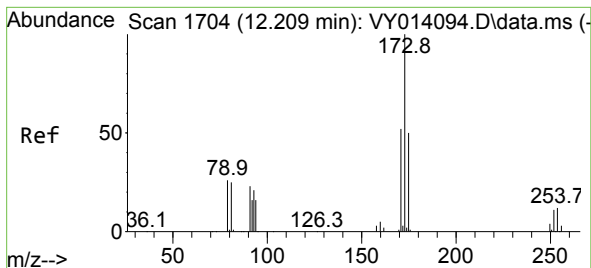
Ion Ratio Lower Upper

104 100

78 51.2 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 50.534 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

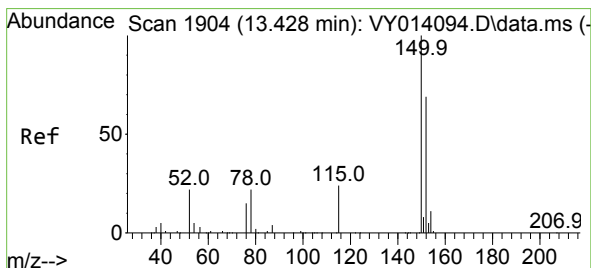
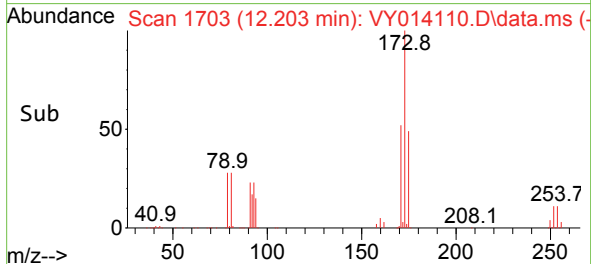
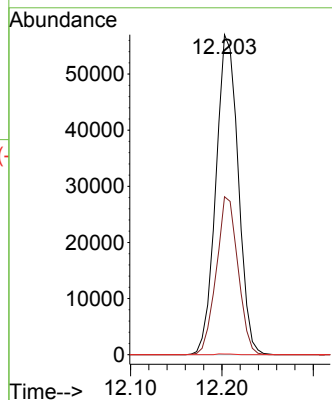
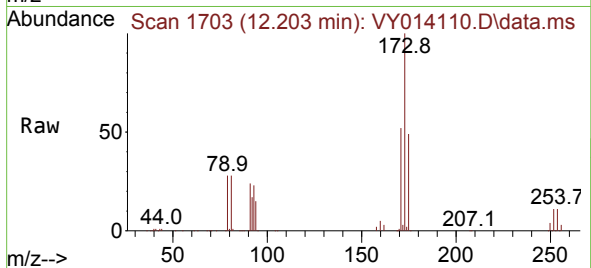
Tgt Ion:173 Resp: 96658

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

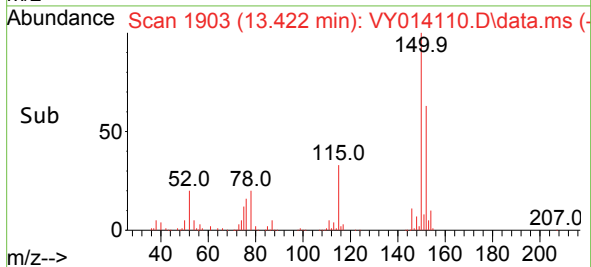
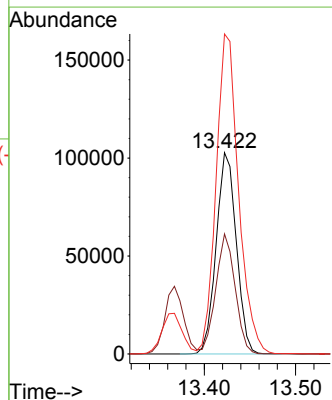
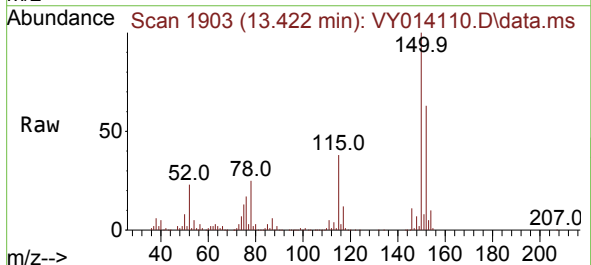
Tgt Ion:152 Resp: 157650

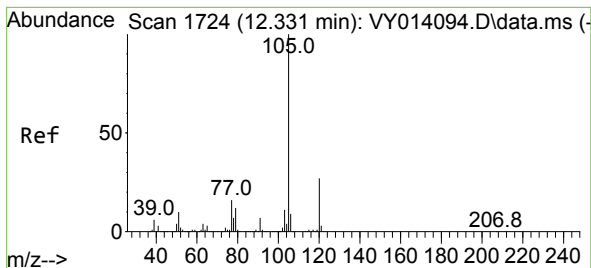
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 176.8 0.0 348.8





#73

Isopropylbenzene

Concen: 54.016 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

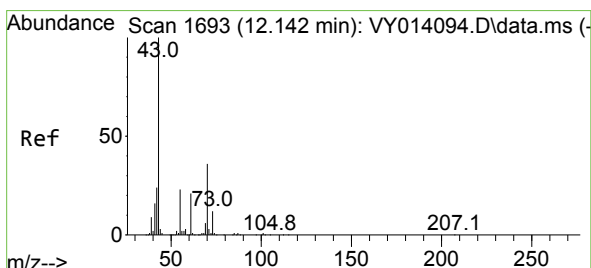
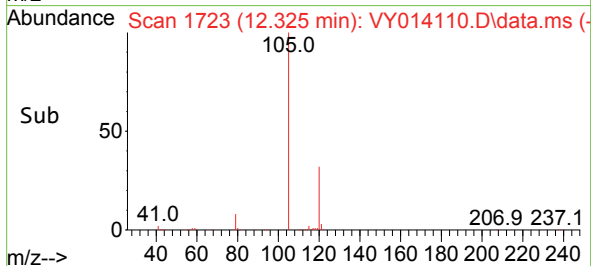
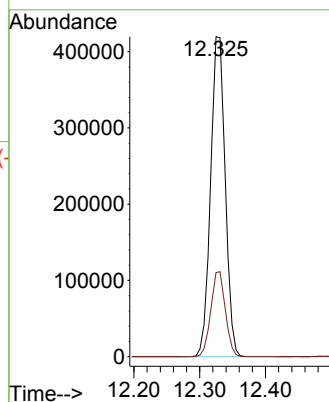
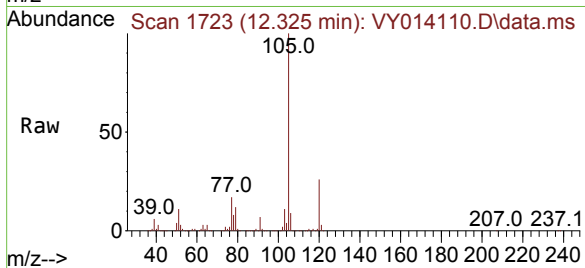
VSTDCCC050

Tgt Ion:105 Resp: 649625

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 47.915 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Tgt Ion: 43 Resp: 182611

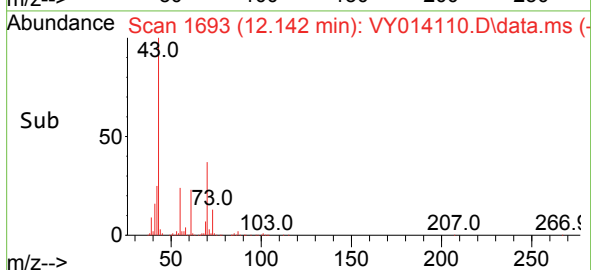
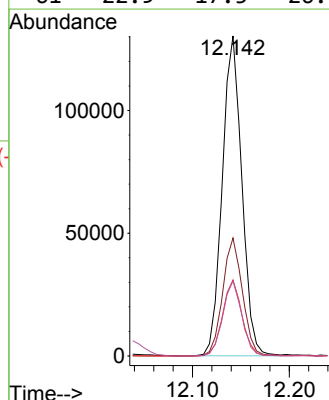
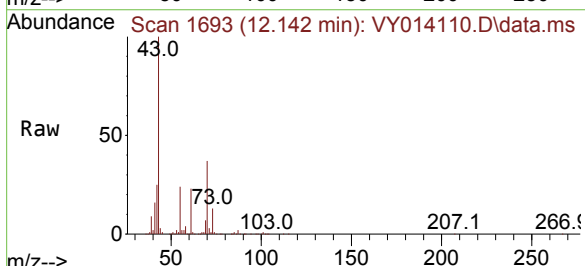
Ion Ratio Lower Upper

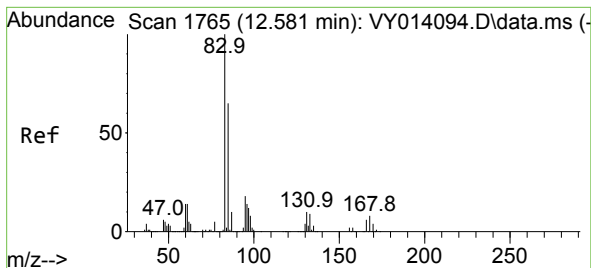
43 100

70 37.2 29.7 44.5

55 23.5 18.3 27.5

61 22.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.142 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

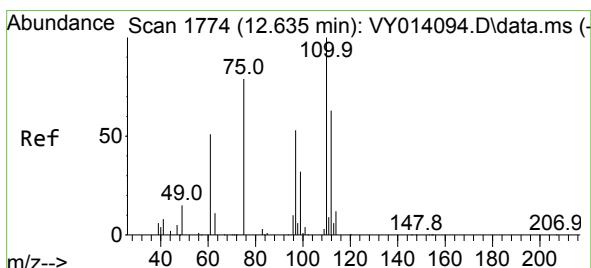
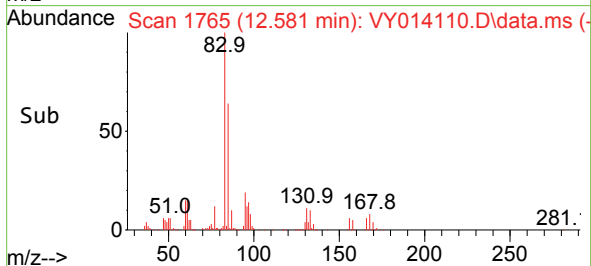
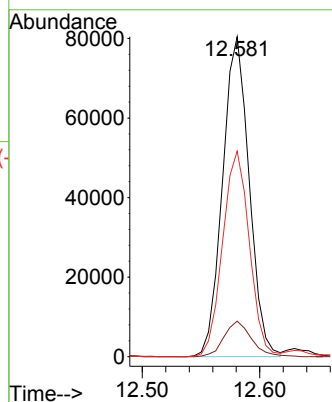
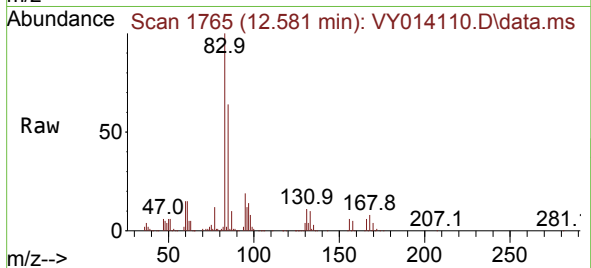
Tgt Ion: 83 Resp: 126685

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.699 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014110.D

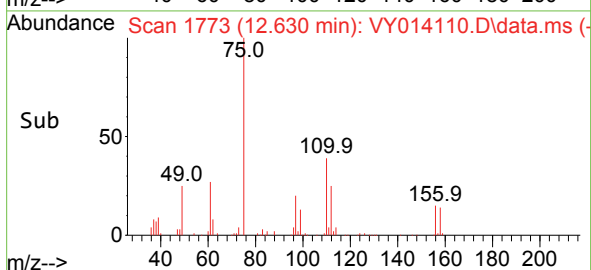
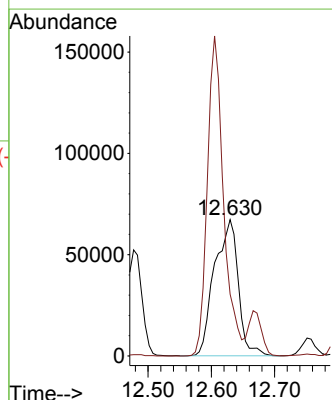
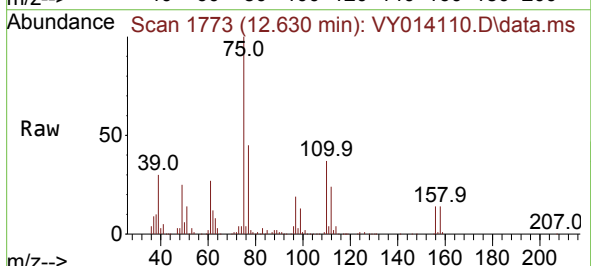
Acq: 12 Jun 2023 10:28

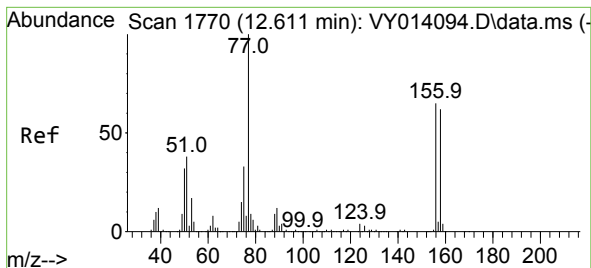
Tgt Ion: 75 Resp: 175185

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.694 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

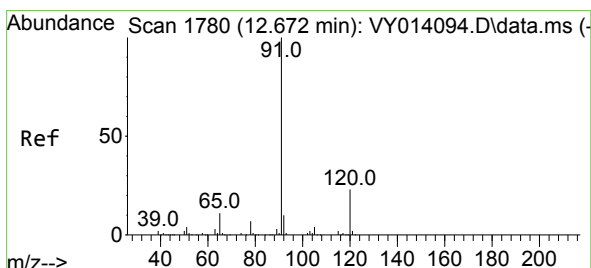
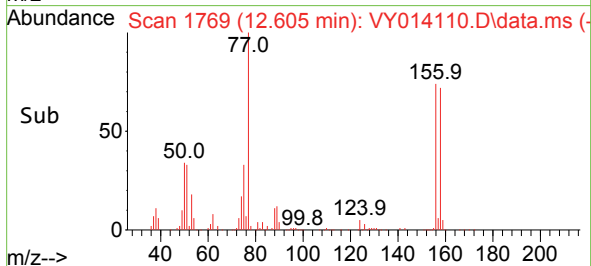
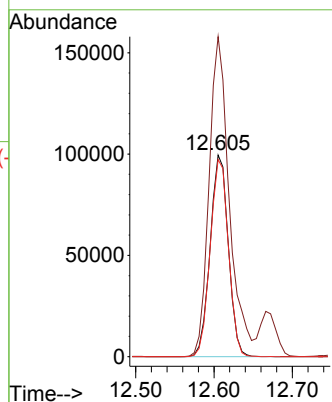
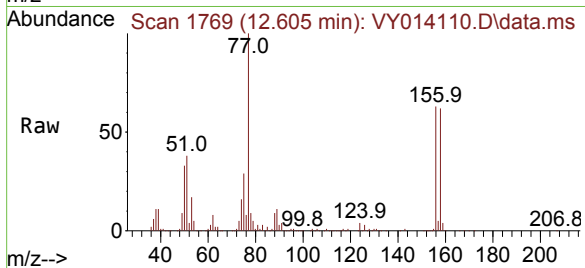
Tgt Ion:156 Resp: 160241

Ion Ratio Lower Upper

156 100

77 175.8 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 53.729 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014110.D

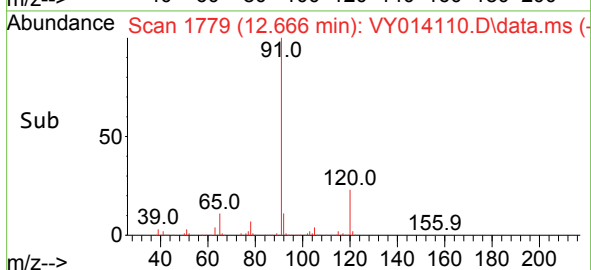
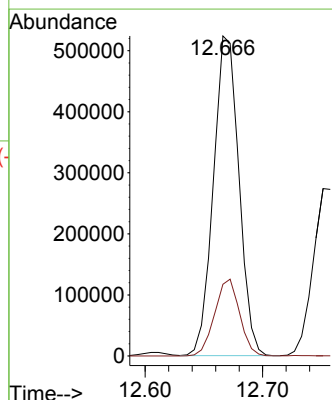
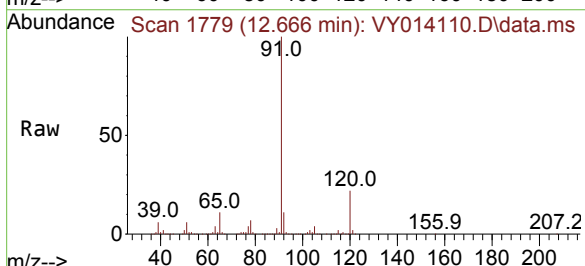
Acq: 12 Jun 2023 10:28

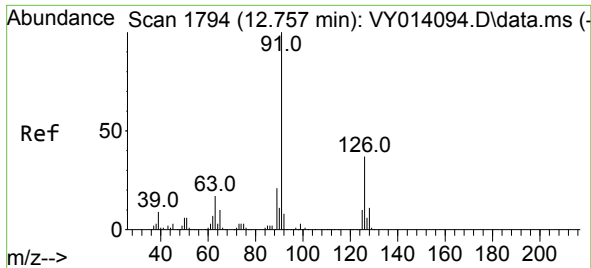
Tgt Ion: 91 Resp: 789244

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

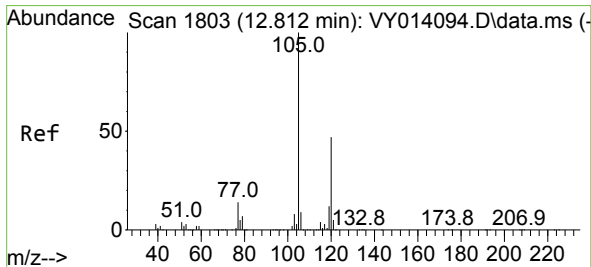
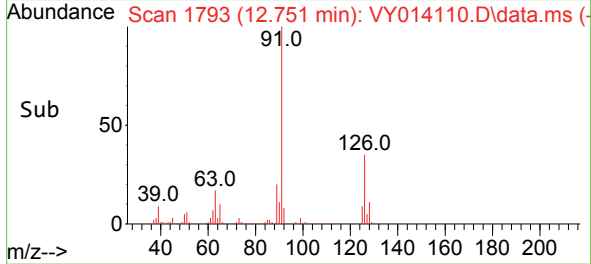
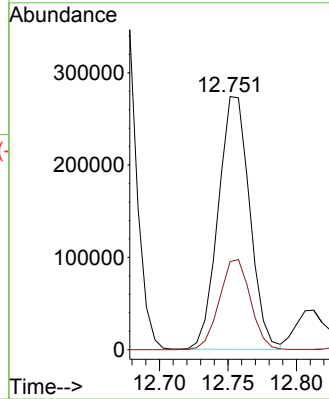
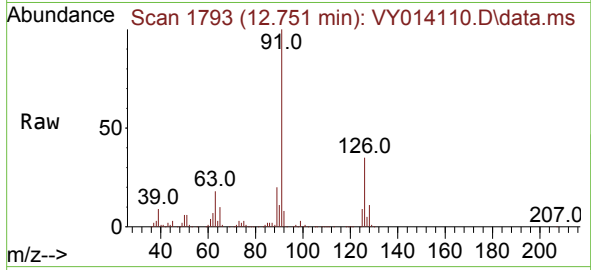




#79
2-Chlorotoluene
Concen: 51.937 ug/l
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

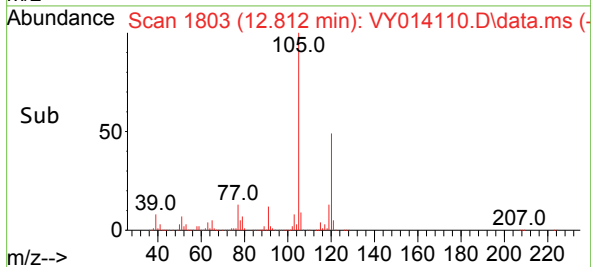
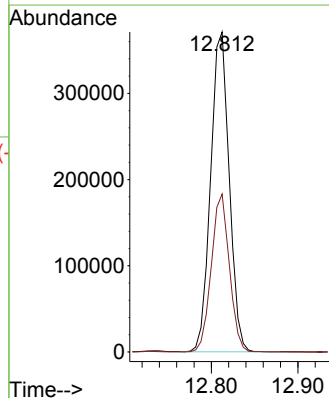
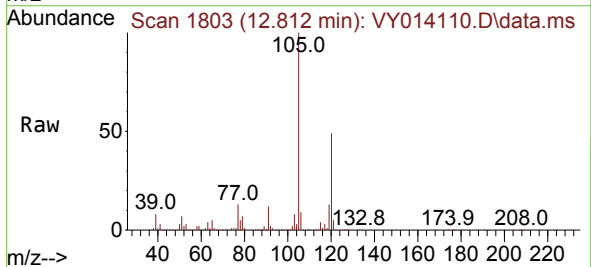
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

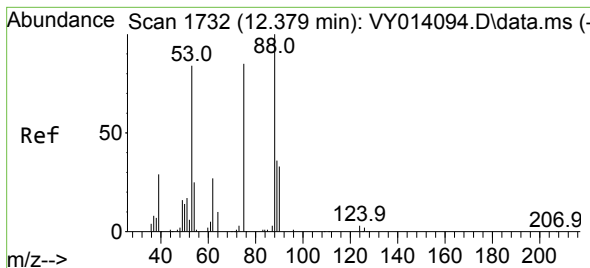
Tgt Ion: 91 Resp: 438985
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 53.601 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion:105 Resp: 551964
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7

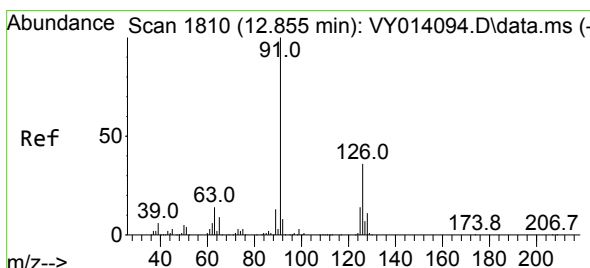
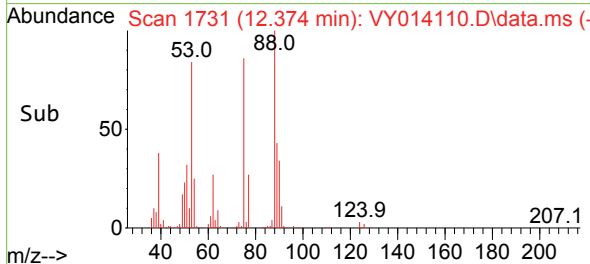
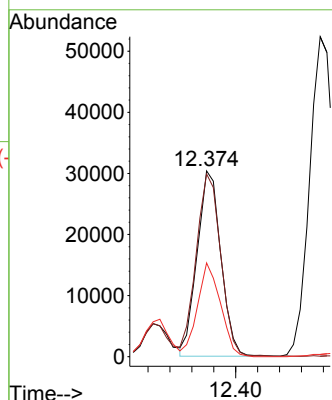
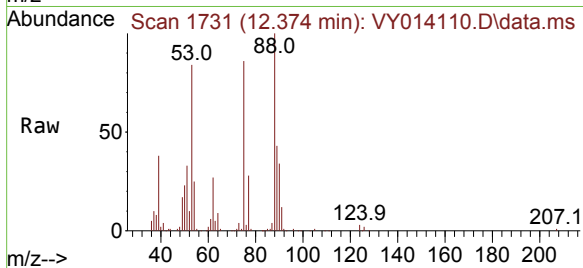




#81
trans-1,4-Dichloro-2-butene
Concen: 47.685 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

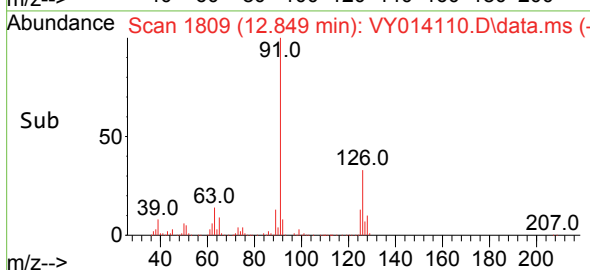
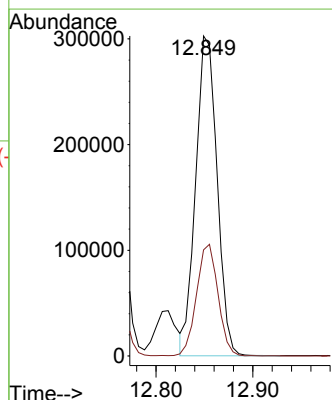
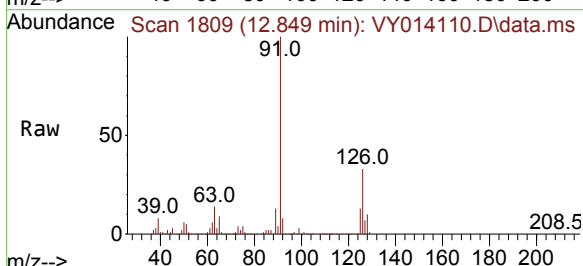
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

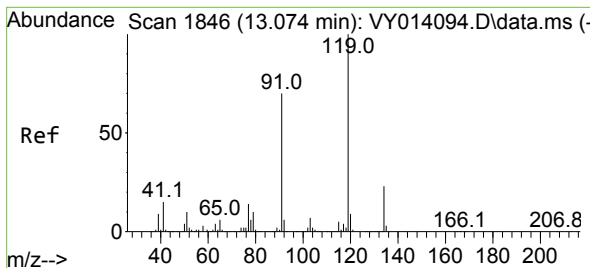
Tgt Ion: 75 Resp: 45627
Ion Ratio Lower Upper
75 100
53 102.1 77.8 116.8
89 49.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.060 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014110.D
Acq: 12 Jun 2023 10:28

Tgt Ion: 91 Resp: 466297
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.222 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

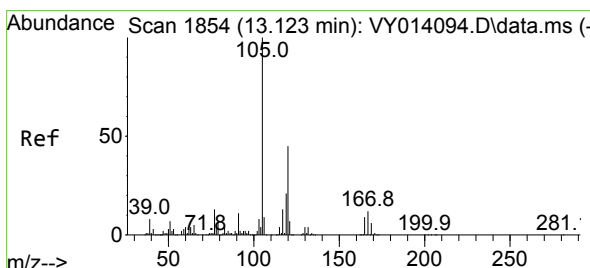
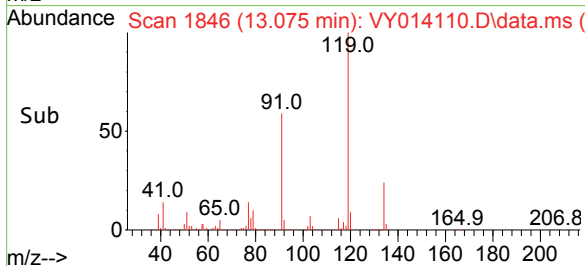
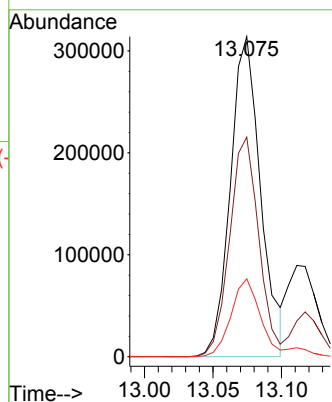
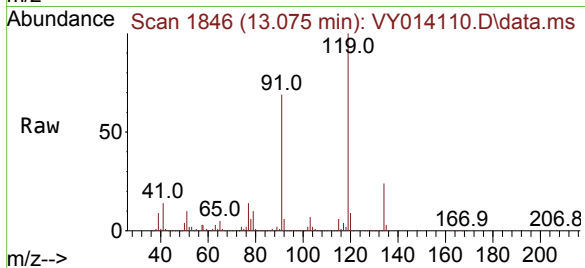
Tgt Ion:119 Resp: 483244

Ion Ratio Lower Upper

119 100

91 66.0 32.9 98.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.449 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014110.D

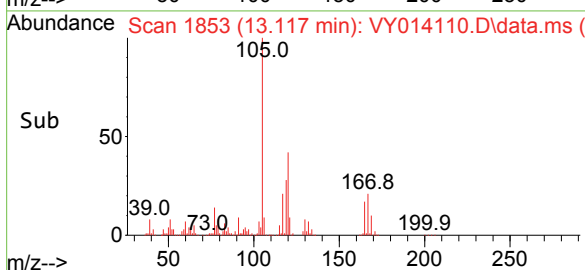
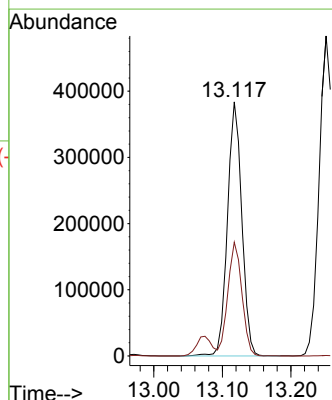
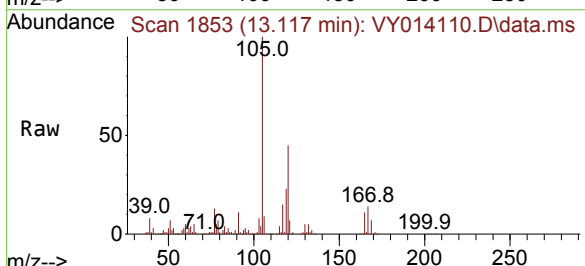
Acq: 12 Jun 2023 10:28

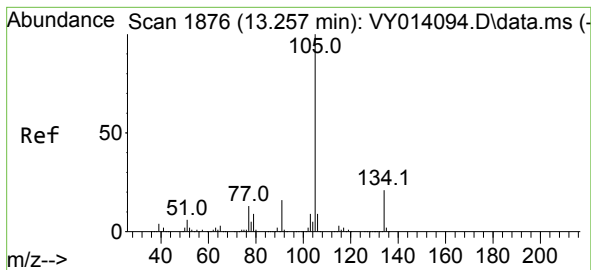
Tgt Ion:105 Resp: 555021

Ion Ratio Lower Upper

105 100

120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.433 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

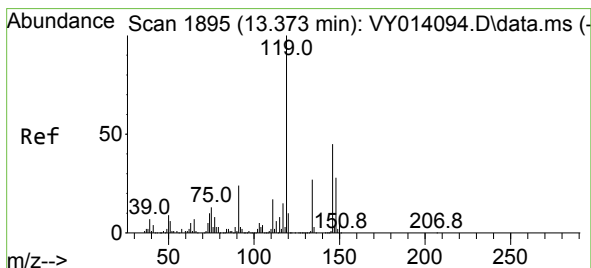
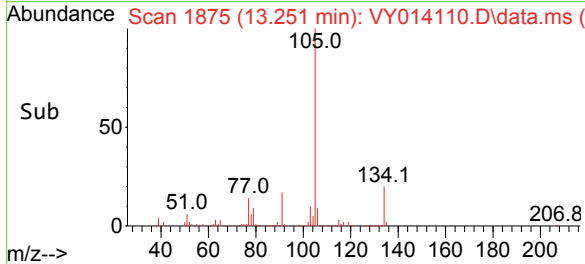
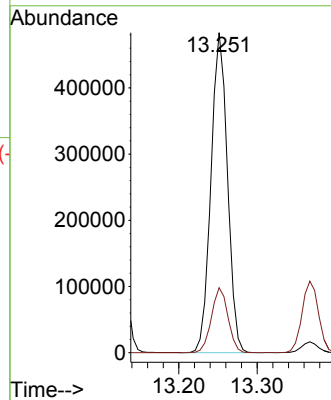
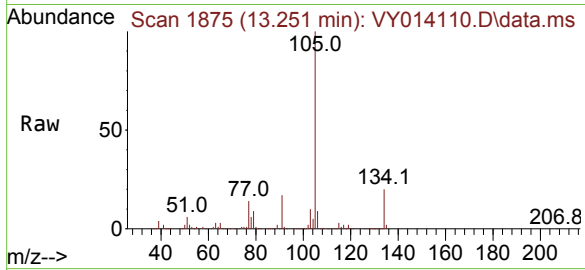
VSTDCCC050

Tgt Ion:105 Resp: 705254

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.512 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

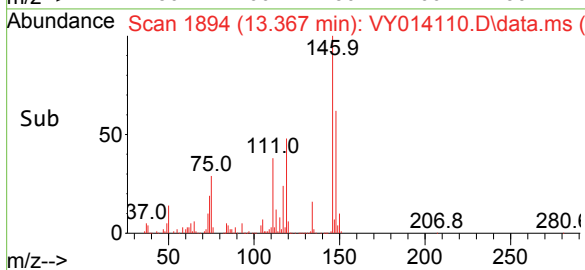
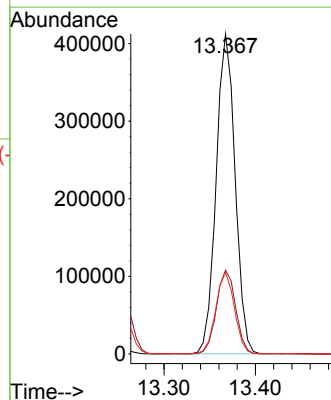
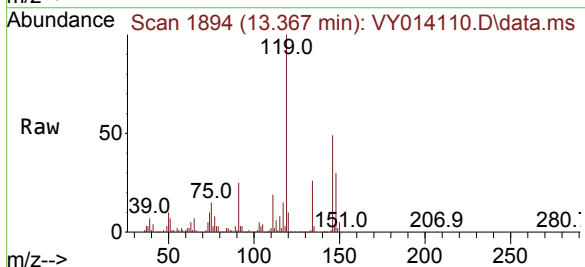
Tgt Ion:119 Resp: 593560

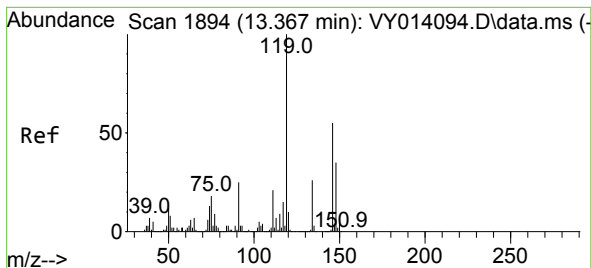
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.182 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

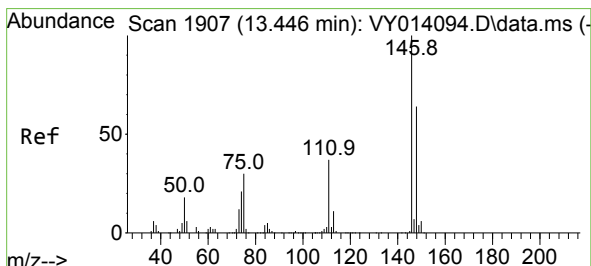
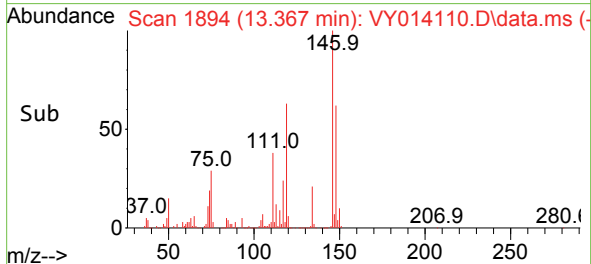
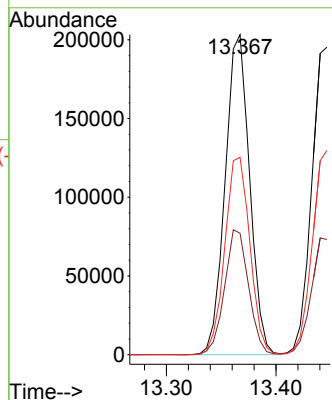
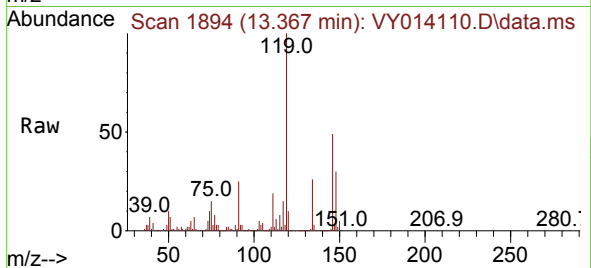
Tgt Ion:146 Resp: 314924

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.723 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

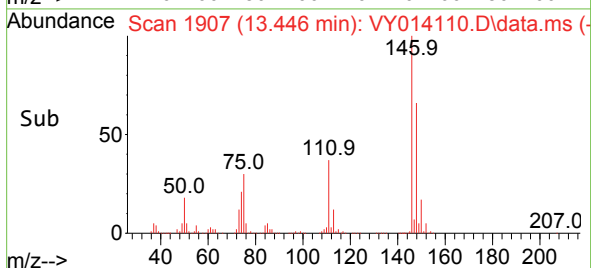
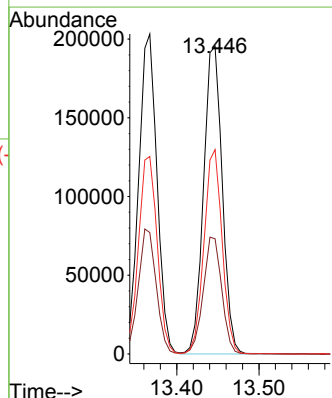
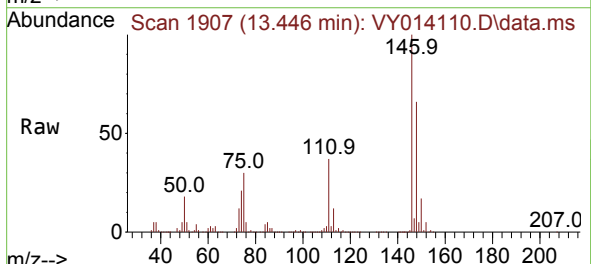
Tgt Ion:146 Resp: 308429

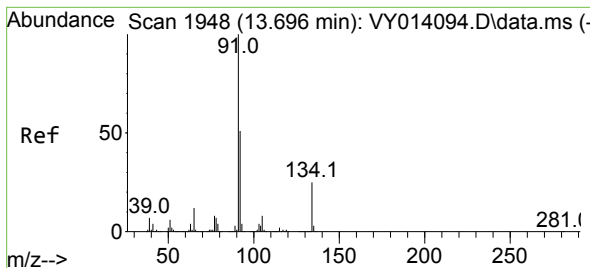
Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 55.053 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

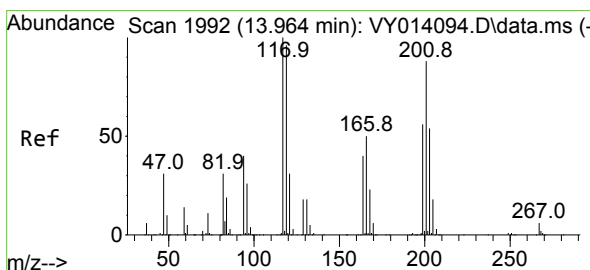
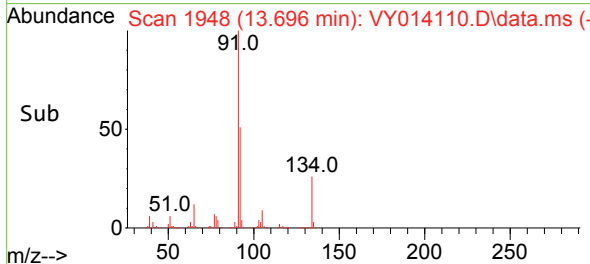
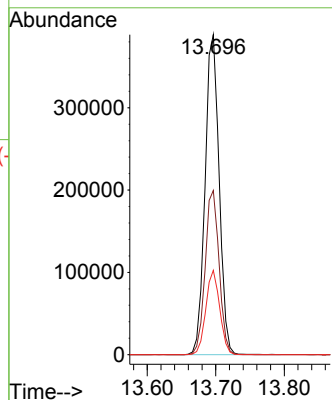
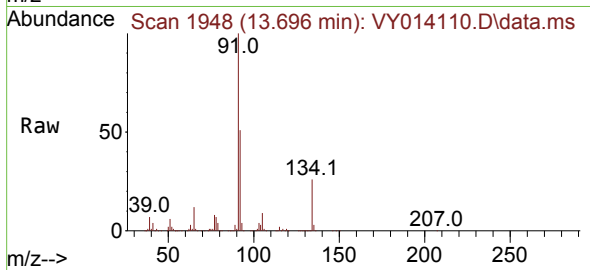
Tgt Ion: 91 Resp: 555983

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 53.513 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014110.D

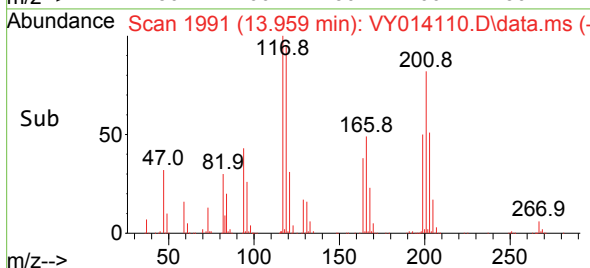
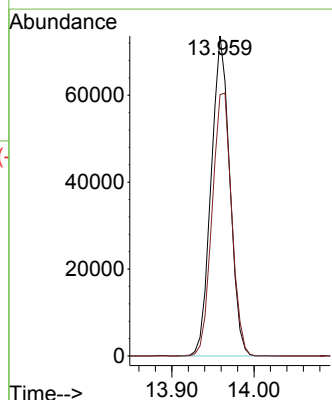
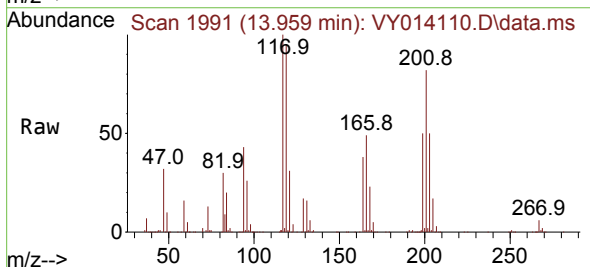
Acq: 12 Jun 2023 10:28

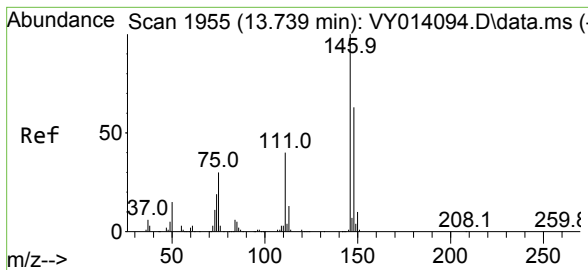
Tgt Ion: 117 Resp: 116107

Ion Ratio Lower Upper

117 100

201 85.8 41.6 124.8

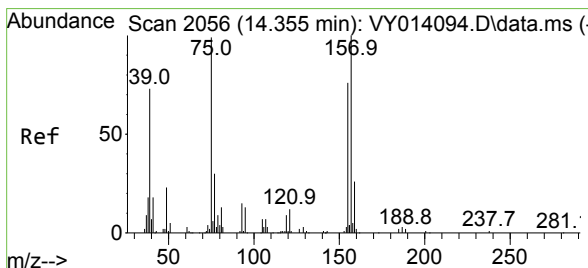
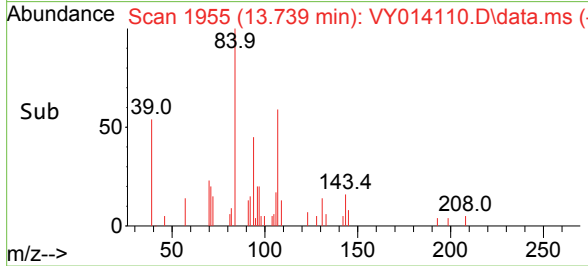
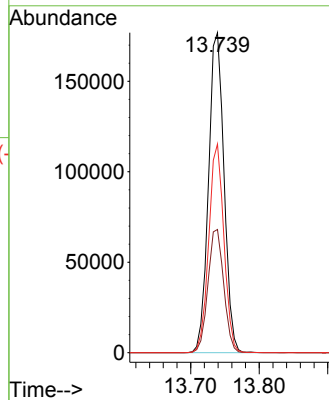
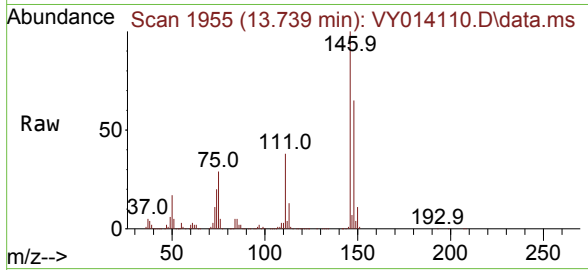




#91
 1,2-Dichlorobenzene
 Concen: 51.375 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014110.D
 Acq: 12 Jun 2023 10:28

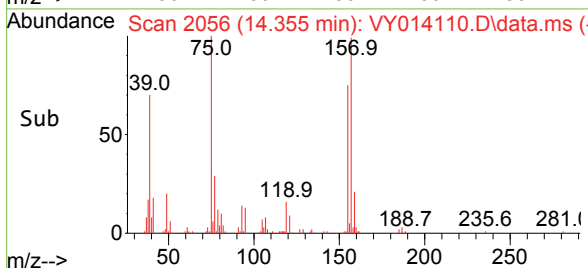
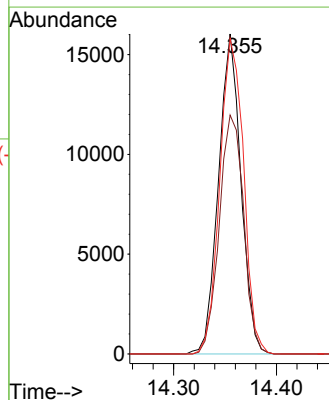
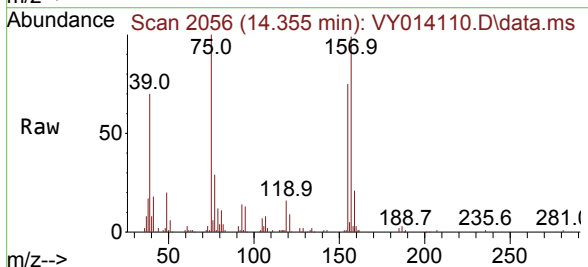
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

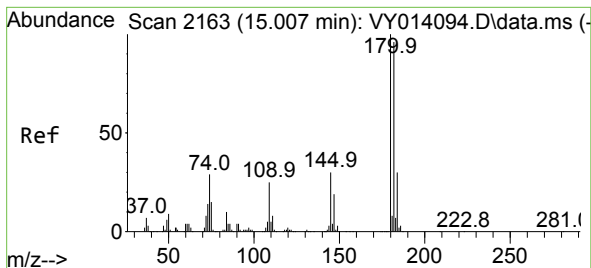
Tgt Ion:	146	Resp:	278475
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.0
148	63.7	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.479 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014110.D
 Acq: 12 Jun 2023 10:28

Tgt Ion:	75	Resp:	24297
Ion Ratio	Lower	Upper	
75	100		
155	80.8	41.5	124.6
157	104.4	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.553 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

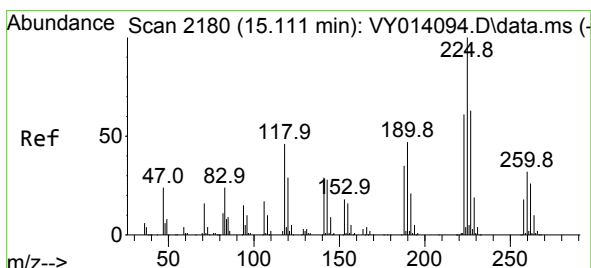
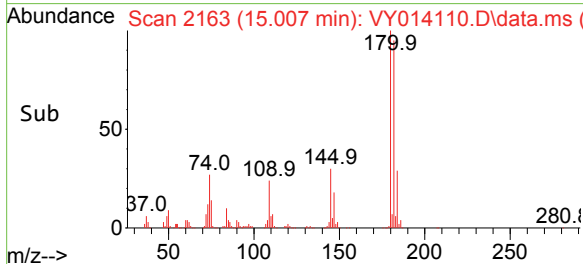
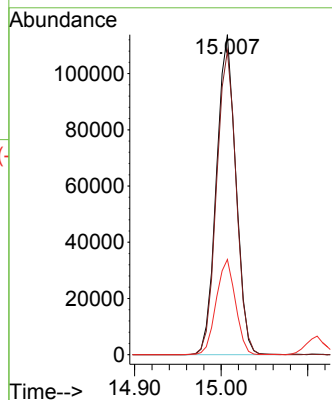
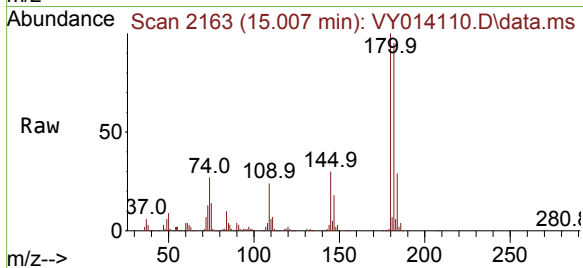
Tgt Ion:180 Resp: 177022

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.332 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

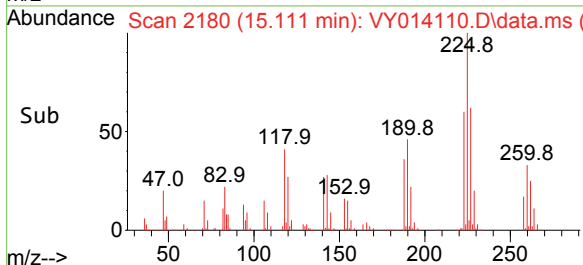
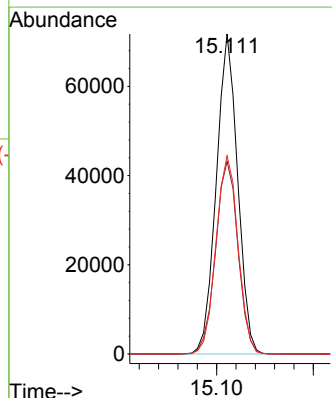
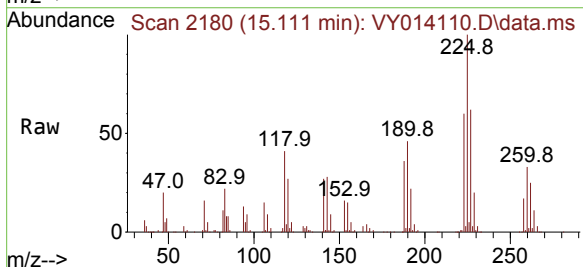
Tgt Ion:225 Resp: 109690

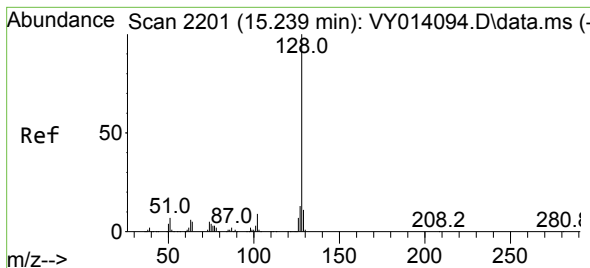
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 49.503 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

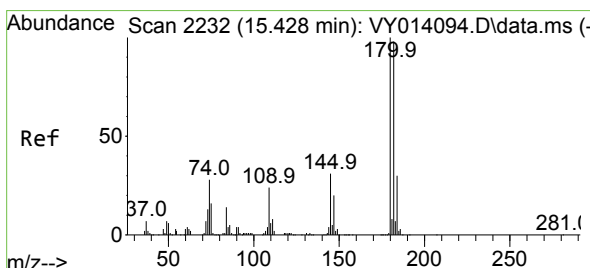
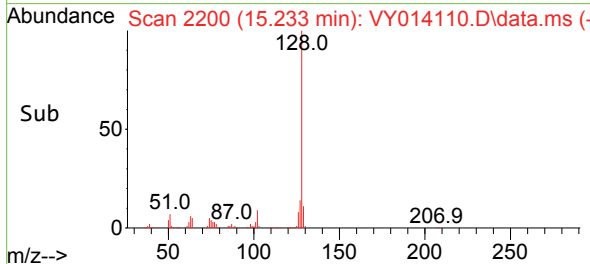
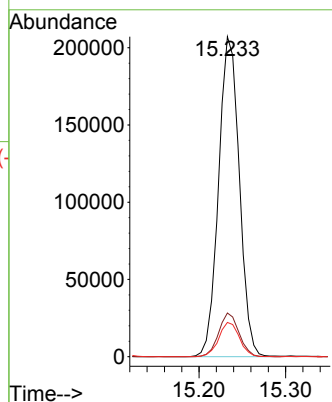
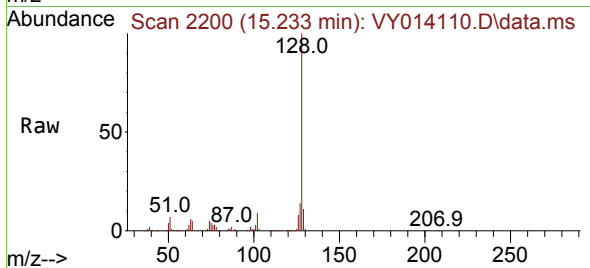
Tgt Ion:128 Resp: 345018

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.772 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014110.D

Acq: 12 Jun 2023 10:28

Tgt Ion:180 Resp: 157536

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 30.9 15.4 46.2

