

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014152.D
 Acq On : 13 Jun 2023 20:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 01:40:26 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	7.789	168	174851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118105	48.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.716	113	100211	52.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.179	98	339698	47.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.483	95	137221	54.297	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83696	42.950	ug/l	98
3) Chloromethane	2.113	50	96518	39.062	ug/l	100
4) Vinyl Chloride	2.247	62	98664	41.071	ug/l	98
5) Bromomethane	2.650	94	78398	39.553	ug/l	100
6) Chloroethane	2.790	64	67625	41.427	ug/l	92
7) Trichlorofluoromethane	3.125	101	179426	45.975	ug/l	99
8) Diethyl Ether	3.528	74	63338	48.604	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	94558	48.008	ug/l	100
10) Methyl Iodide	4.088	142	99759	38.357	ug/l	97
11) Tert butyl alcohol	4.954	59	63644	223.627	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	87854	44.006	ug/l	97
13) Acrolein	3.729	56	26835	236.351	ug/l	99
14) Allyl chloride	4.479	41	155985	43.104	ug/l	96
15) Acrylonitrile	5.161	53	177945	264.733	ug/l	99
16) Acetone	3.942	43	156219	212.852	ug/l	97
17) Carbon Disulfide	4.192	76	227746	35.204	ug/l	99
18) Methyl Acetate	4.479	43	138348	48.564	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	302903	51.443	ug/l	99
20) Methylene Chloride	4.716	84	158678	69.090	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	99124	44.516	ug/l	98
22) Diisopropyl ether	6.119	45	360981	52.099	ug/l	96
23) Vinyl Acetate	6.058	43	1052933	257.560	ug/l	99
24) 1,1-Dichloroethane	6.015	63	195377	48.907	ug/l	99
25) 2-Butanone	6.984	43	234154	259.180	ug/l	100
26) 2,2-Dichloropropane	6.978	77	168938	45.024	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	122804	49.301	ug/l	97
28) Bromochloromethane	7.332	49	77649	47.796	ug/l	95
29) Tetrahydrofuran	7.350	42	155486	271.411	ug/l	98
30) Chloroform	7.509	83	220789	52.095	ug/l	96
31) Cyclohexane	7.783	56	138199	42.370	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	187644	49.090	ug/l	100
36) 1,1-Dichloropropene	7.917	75	138988	46.849	ug/l	99
37) Ethyl Acetate	7.076	43	106784	52.166	ug/l	99
38) Carbon Tetrachloride	7.899	117	172156	50.285	ug/l	97
39) Methylcyclohexane	9.185	83	150667	45.773	ug/l	100
40) Benzene	8.161	78	431448	48.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	150949	144.491	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	161563	51.789	ug/l	99
43) Isopropyl Acetate	8.271	43	191664	53.422	ug/l	100
44) Trichloroethene	8.941	130	115444	48.979	ug/l	96
45) 1,2-Dichloropropane	9.216	63	113498	50.651	ug/l	99
46) Dibromomethane	9.307	93	72515	52.573	ug/l	99
47) Bromodichloromethane	9.496	83	171516	53.108	ug/l	97
48) Methyl methacrylate	9.295	41	90401	54.023	ug/l	98
49) 1,4-Dioxane	9.295	88	20196	1152.324	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	546289	280.265	ug/l	99
52) Toluene	10.246	92	276592	50.577	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	176307	51.858	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	190106	51.249	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	98520	53.851	ug/l	97
56) Ethyl methacrylate	10.508	69	137397	54.448	ug/l	97
57) 1,3-Dichloropropane	10.788	76	167663	53.584	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	317316	277.817	ug/l	98
59) 2-Hexanone	10.831	43	392237	278.614	ug/l	100
60) Dibromochloromethane	10.983	129	129053	55.114	ug/l	99
61) 1,2-Dibromoethane	11.087	107	95160	52.704	ug/l	100
64) Tetrachloroethene	10.721	164	107528	48.359	ug/l	97
65) Chlorobenzene	11.514	112	310369	49.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	126102	51.148	ug/l	99
67) Ethyl Benzene	11.593	91	544654	49.642	ug/l	100
68) m/p-Xylenes	11.703	106	430057	101.905	ug/l	99
69) o-Xylene	12.032	106	209382	52.477	ug/l	99
70) Styrene	12.044	104	364118	53.470	ug/l	100
71) Bromoform	12.209	173	91688	54.303	ug/l #	99
73) Isopropylbenzene	12.331	105	542694	48.331	ug/l	100
74) N-amyl acetate	12.142	43	186350	52.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126440	50.394	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	171090	88.597	ug/l #	100
77) Bromobenzene	12.611	156	142458	48.271	ug/l	97
78) n-propylbenzene	12.672	91	665444	48.520	ug/l	100
79) 2-Chlorotoluene	12.758	91	383160	48.554	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	460771	47.925	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	44348	49.641	ug/l	98
82) 4-Chlorotoluene	12.855	91	407854	48.771	ug/l	100
83) tert-Butylbenzene	13.075	119	391313	47.894	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	467853	49.159	ug/l	100
85) sec-Butylbenzene	13.251	105	579689	48.801	ug/l	100
86) p-Isopropyltoluene	13.367	119	493568	48.550	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	275307	48.859	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	275395	48.508	ug/l	99
89) n-Butylbenzene	13.696	91	460538	48.842	ug/l	99
90) Hexachloroethane	13.959	117	98076	48.414	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	253533	50.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23862	49.942	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	161300	50.313	ug/l	99
94) Hexachlorobutadiene	15.111	225	92051	49.734	ug/l	99
95) Naphthalene	15.239	128	341798	52.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	148509	51.264	ug/l	100

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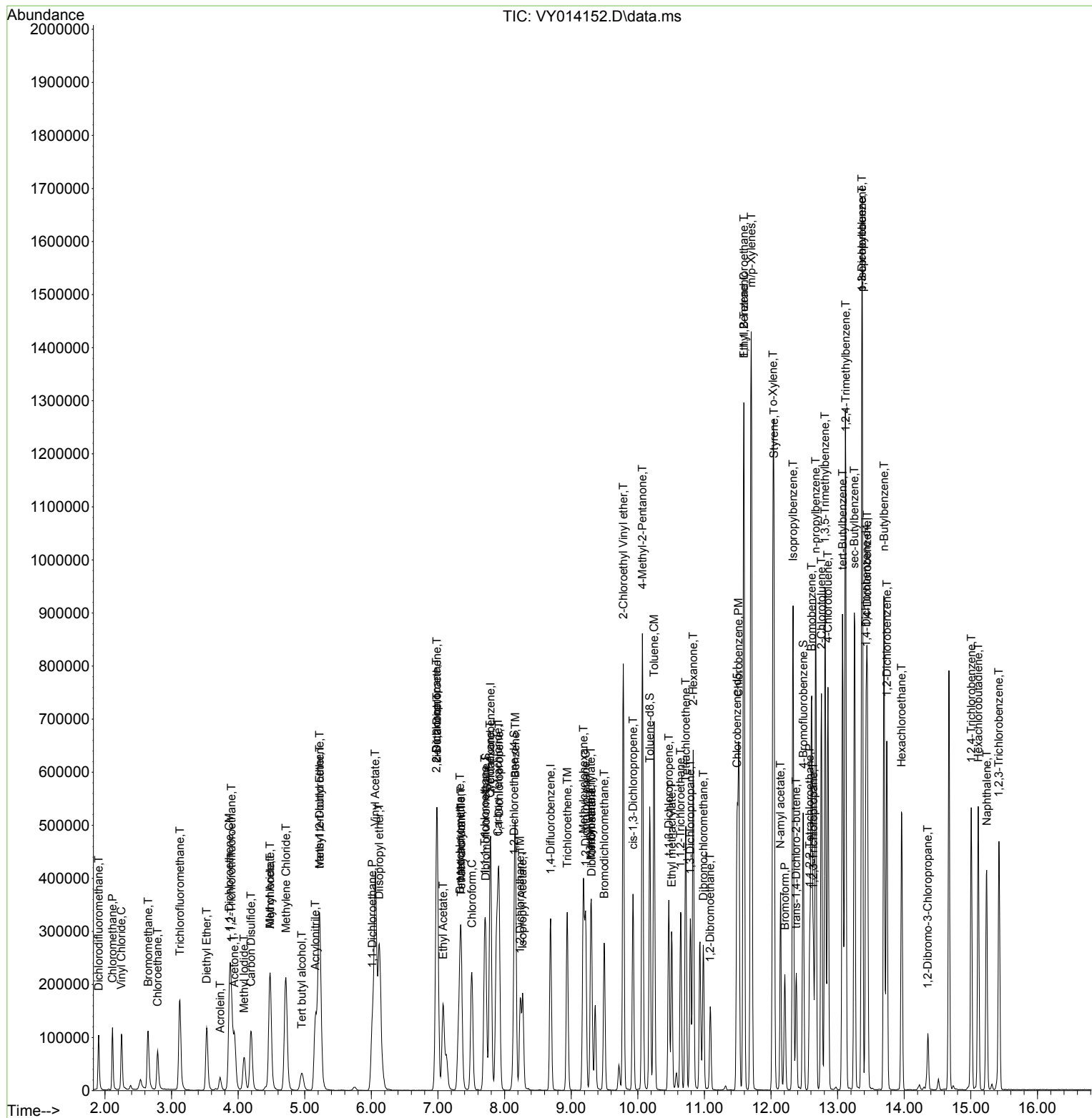
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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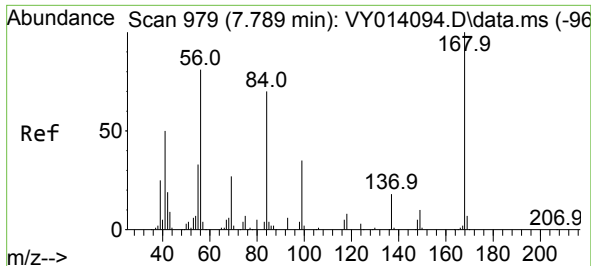
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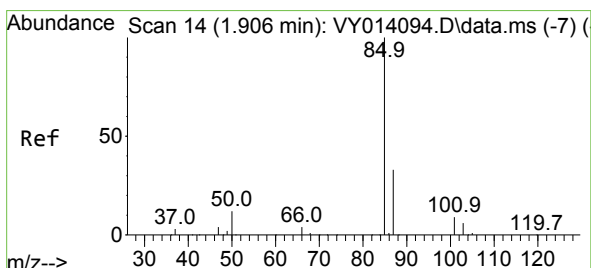
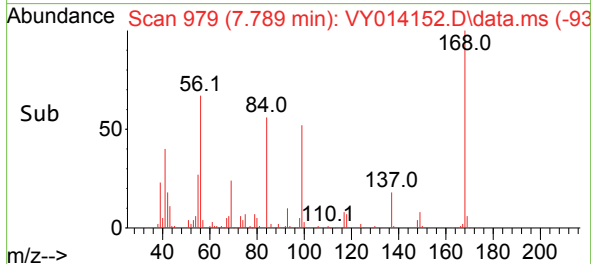
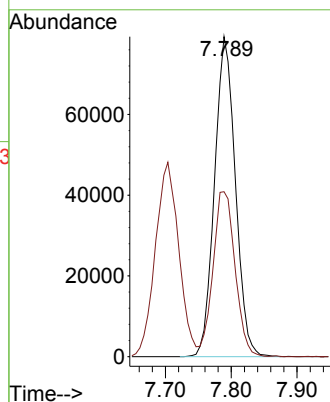
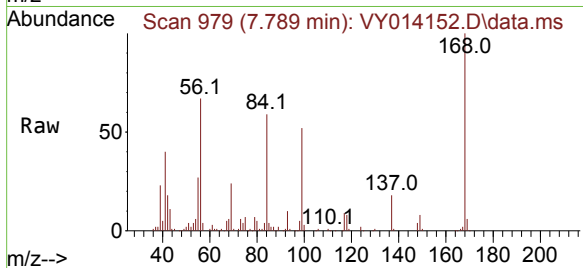




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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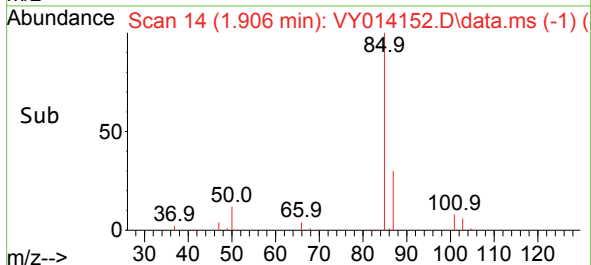
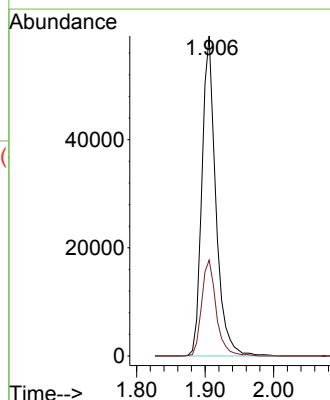
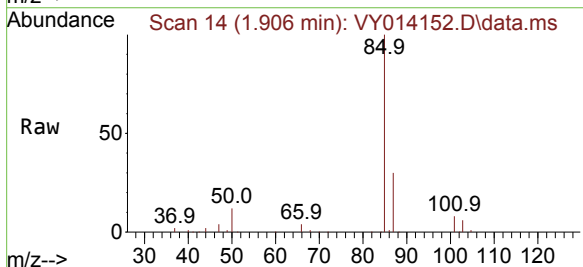
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

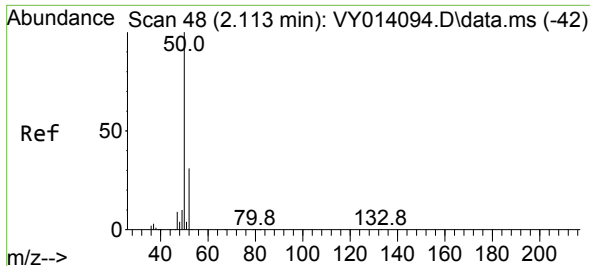
Tgt Ion:168 Resp: 174851
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.950 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 85 Resp: 83696
Ion Ratio Lower Upper
85 100
87 29.9 15.6 46.8

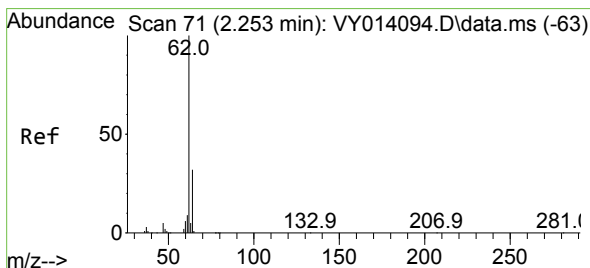
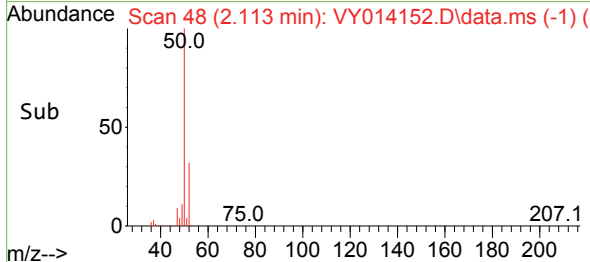
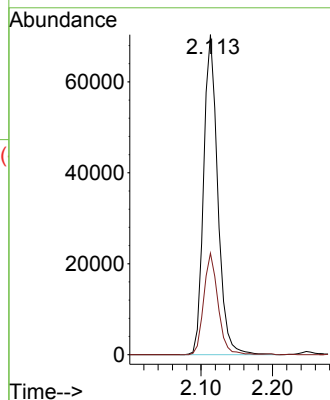
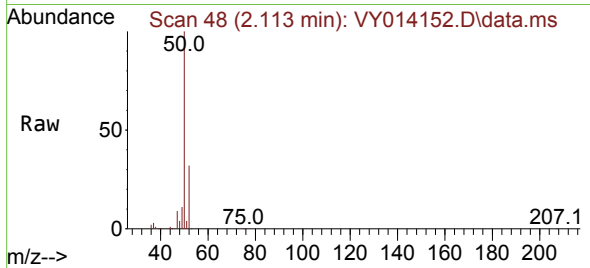




#3
Chloromethane
Concen: 39.062 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

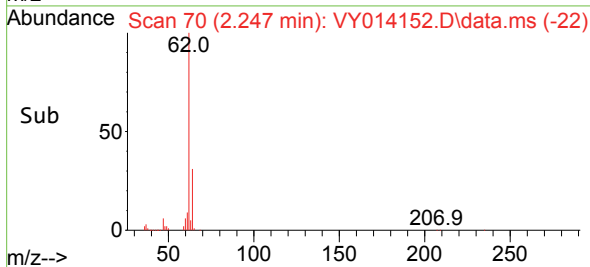
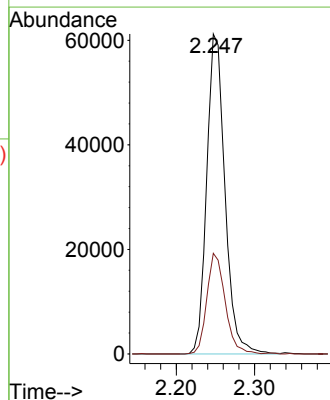
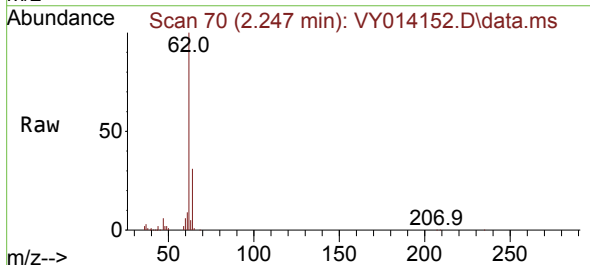
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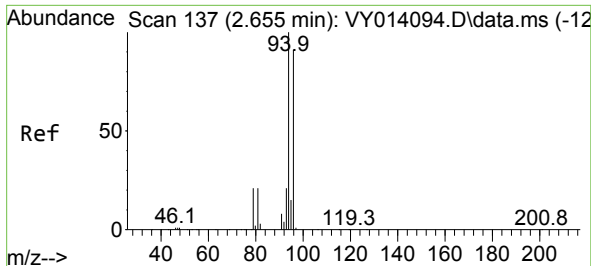
Tgt Ion: 50 Resp: 96518
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 41.071 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 62 Resp: 98664
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5

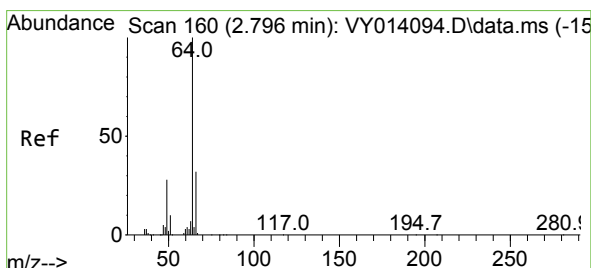
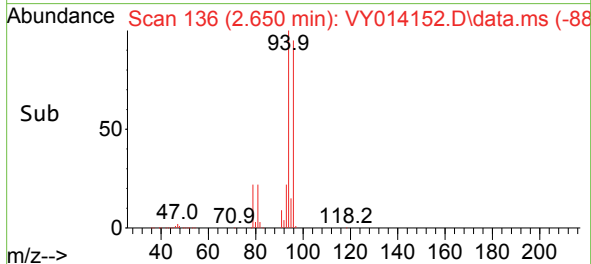
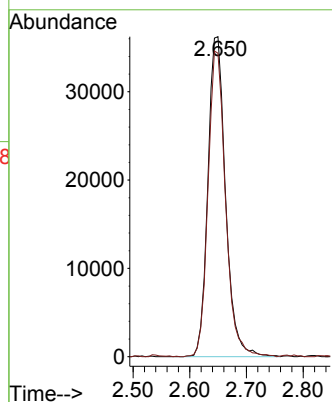
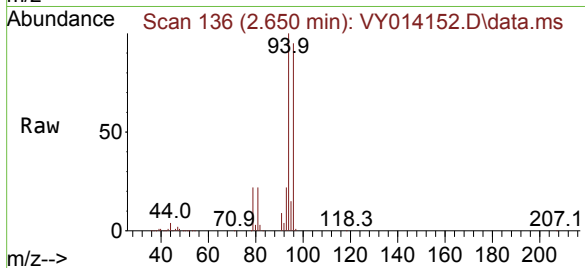




#5
Bromomethane
Concen: 39.553 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014152.D
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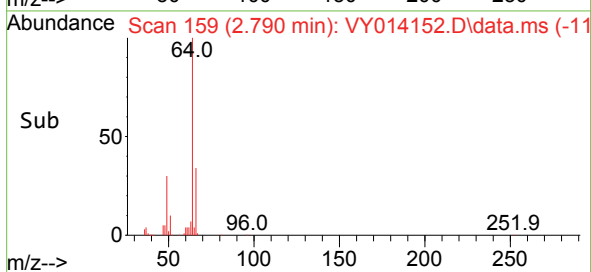
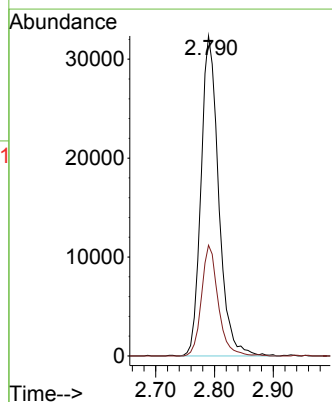
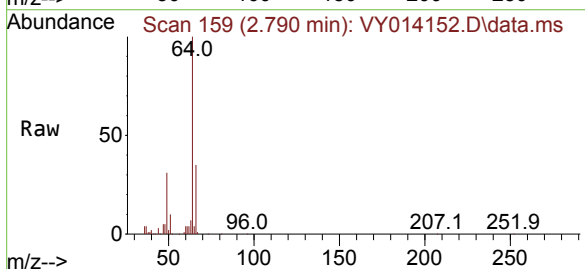
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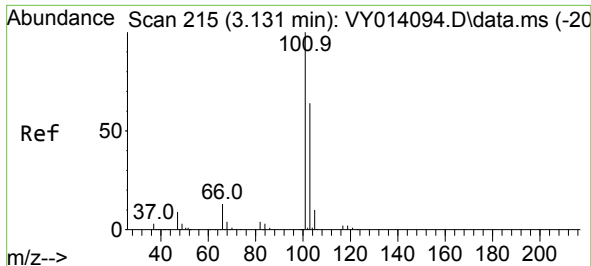
Tgt Ion: 94 Resp: 78398
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 41.427 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 67625
Ion Ratio Lower Upper
64 100
66 34.6 24.4 36.6

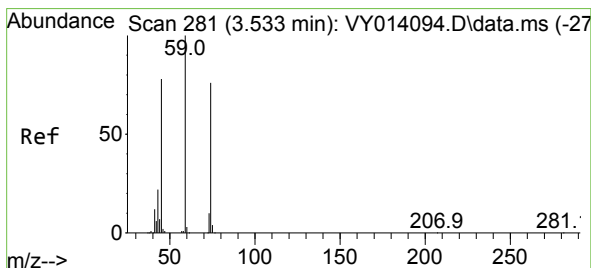
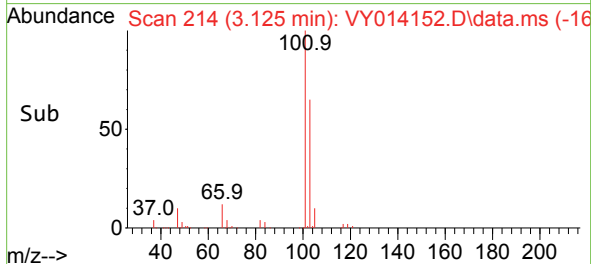
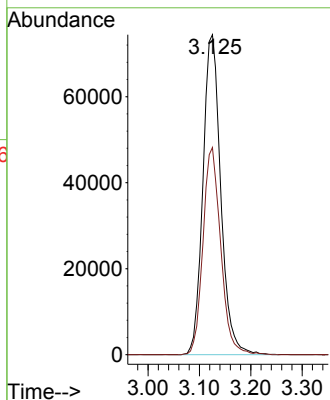
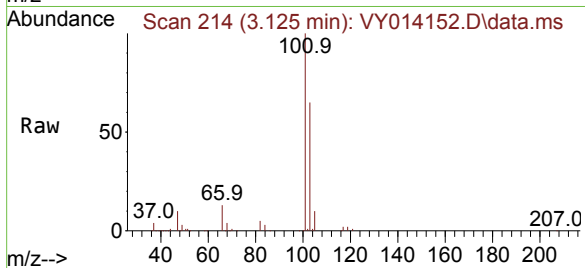




#7
Trichlorofluoromethane
Concen: 45.975 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

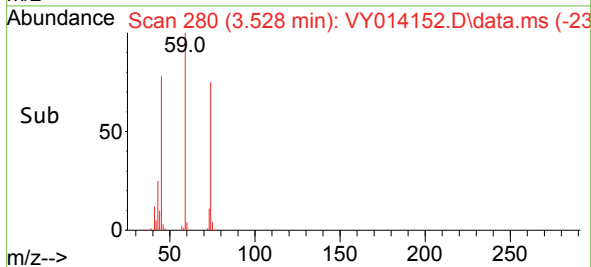
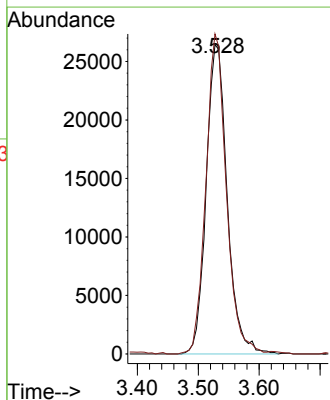
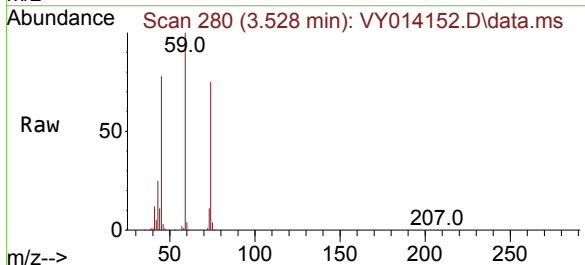
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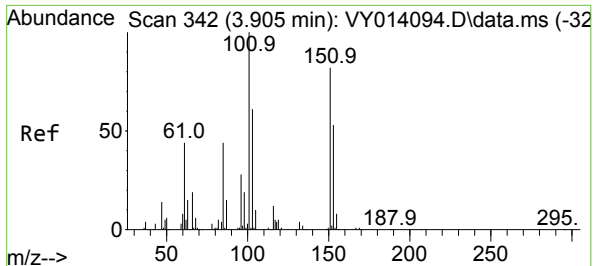
Tgt Ion:101 Resp: 179426
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0



#8
Diethyl Ether
Concen: 48.604 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
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Acq: 13 Jun 2023 20:09

Tgt Ion: 74 Resp: 63338
Ion Ratio Lower Upper
74 100
45 101.1 51.5 154.5

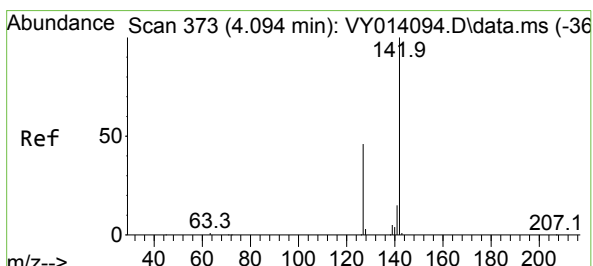
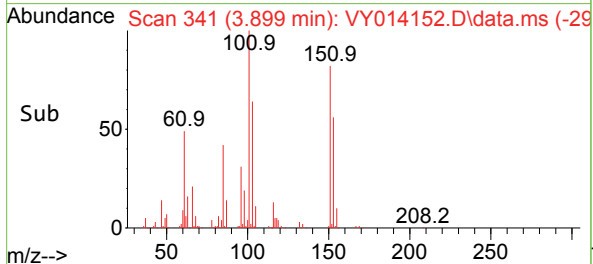
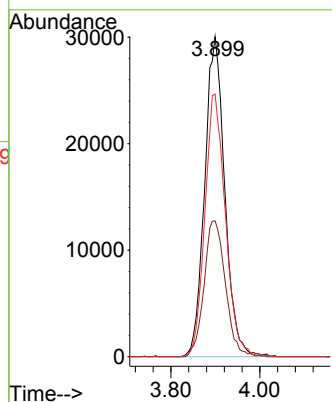
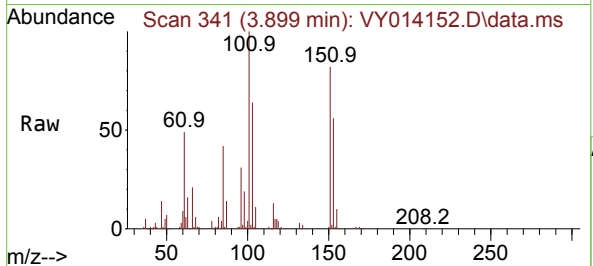




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.008 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

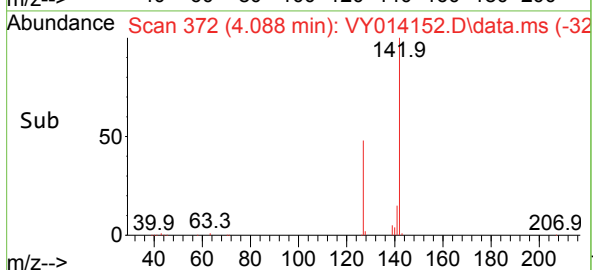
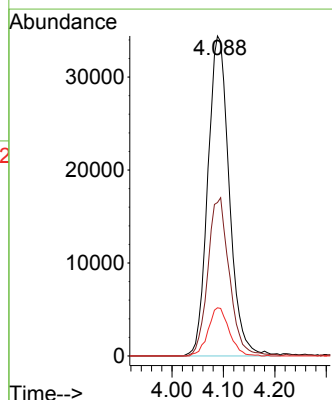
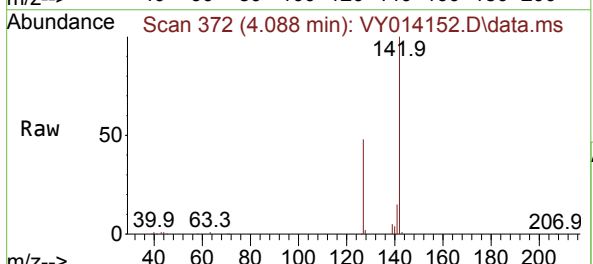
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

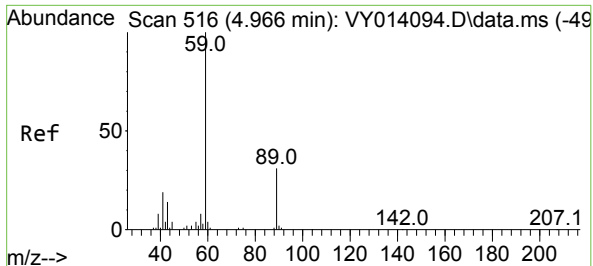
Tgt Ion:101 Resp: 94558
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 83.9 67.0 100.6



#10
Methyl Iodide
Concen: 38.357 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion:142 Resp: 99759
Ion Ratio Lower Upper
142 100
127 49.6 37.6 56.4
141 14.8 11.8 17.8

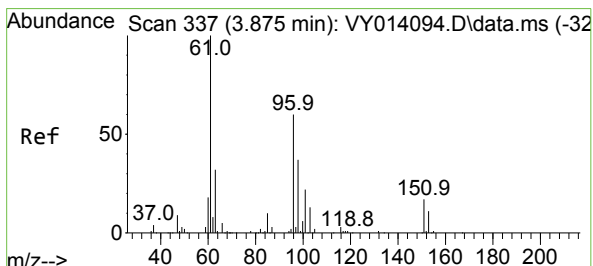
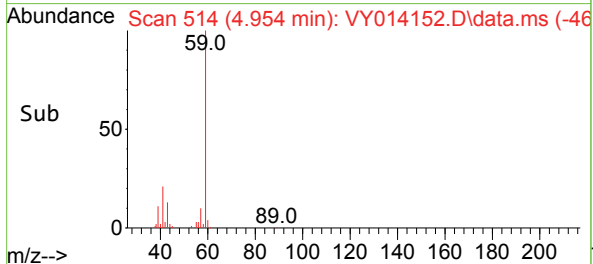
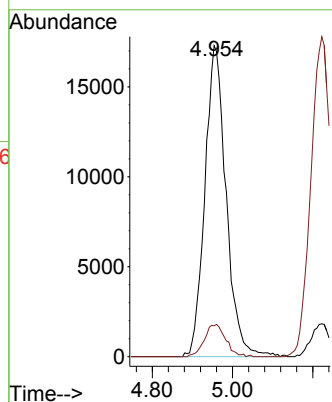
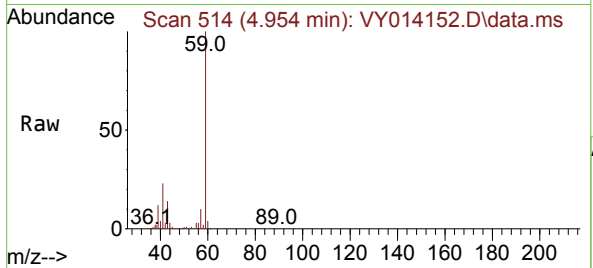




#11
Tert butyl alcohol
Concen: 223.627 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

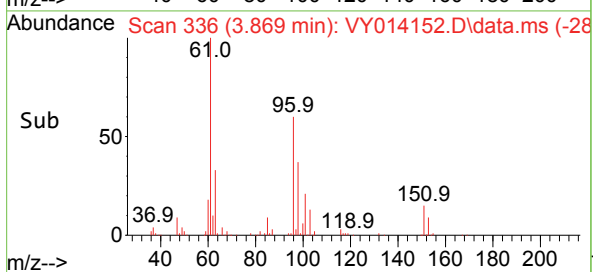
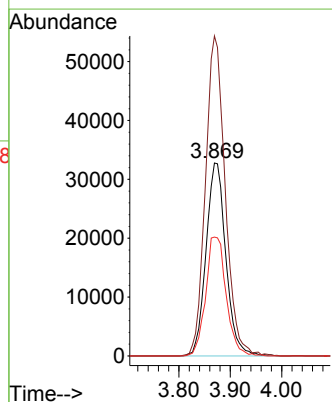
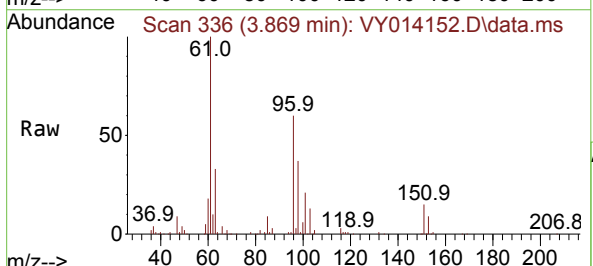
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

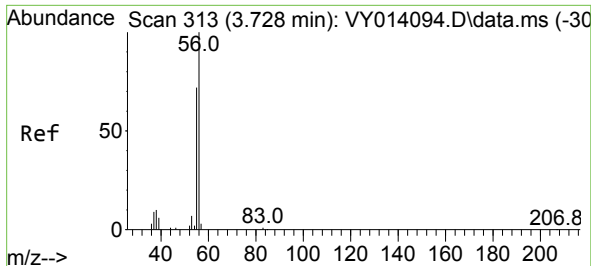
Tgt Ion: 59 Resp: 63644
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 44.006 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 96 Resp: 87854
Ion Ratio Lower Upper
96 100
61 165.9 136.4 204.6
98 61.7 49.4 74.2





#13

Acrolein

Concen: 236.351 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

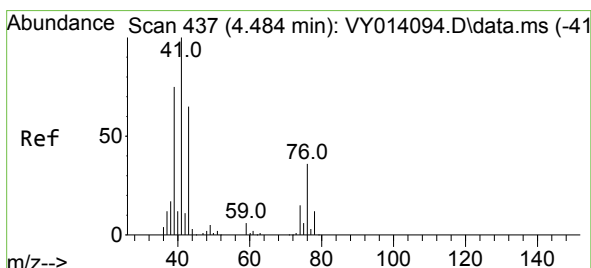
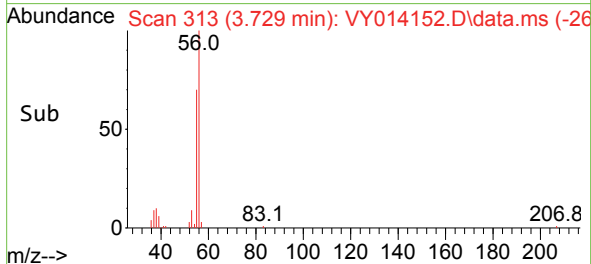
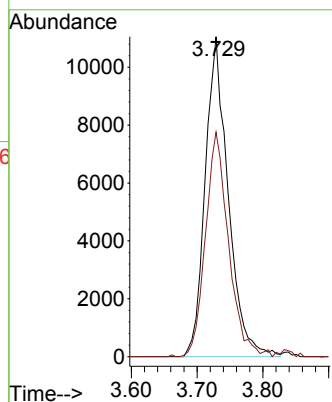
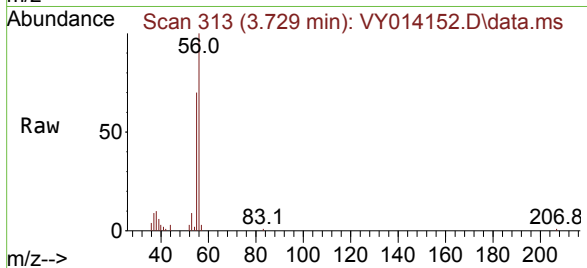
VSTDCCC050EC

Tgt Ion: 56 Resp: 26835

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 43.104 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

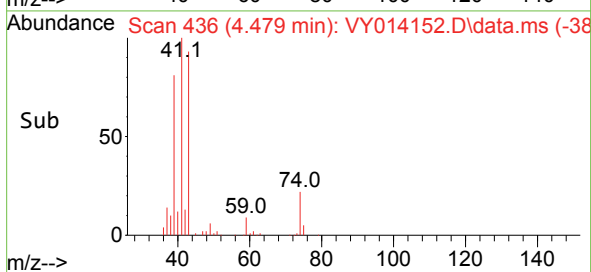
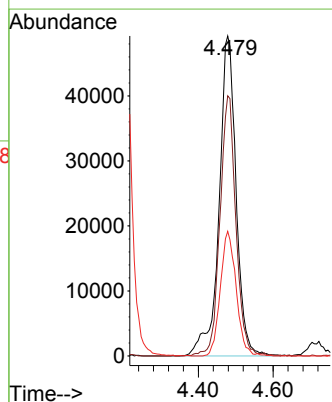
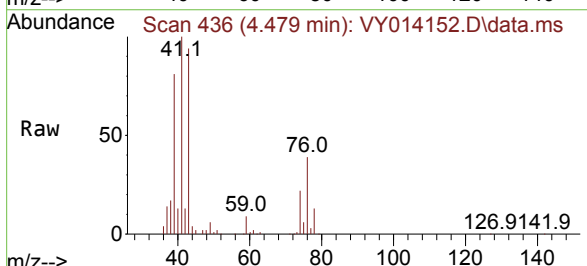
Tgt Ion: 41 Resp: 155985

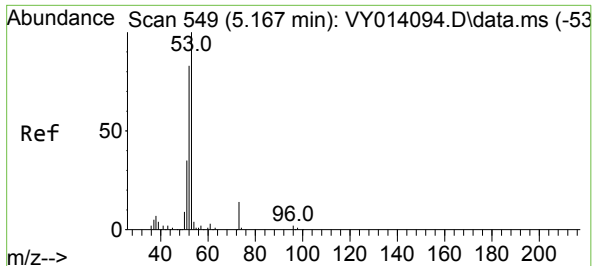
Ion Ratio Lower Upper

41 100

39 76.3 58.0 87.0

76 36.2 27.4 41.2

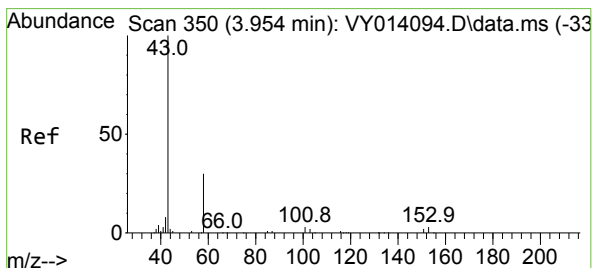
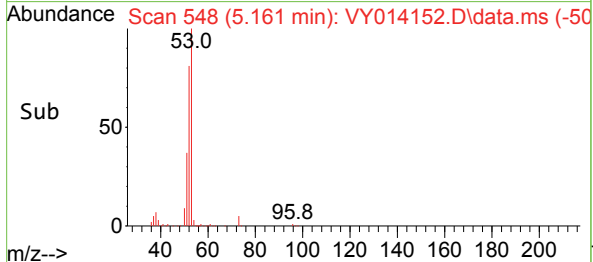
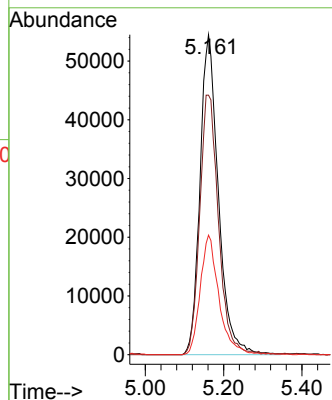
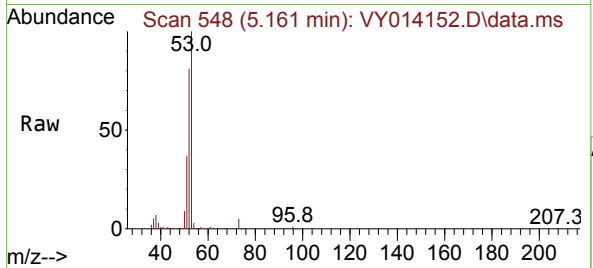




#15
Acrylonitrile
Concen: 264.733 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

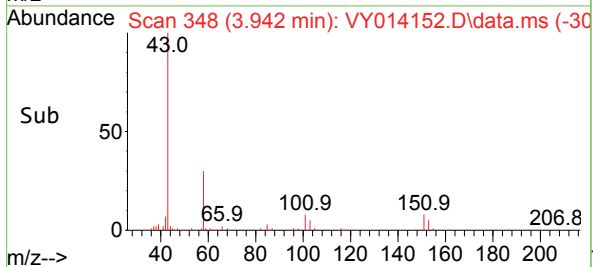
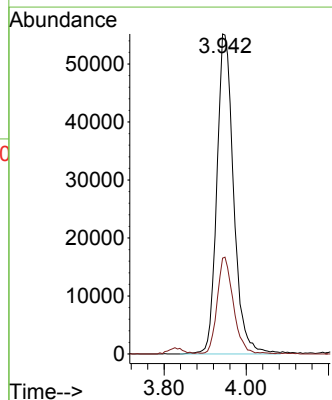
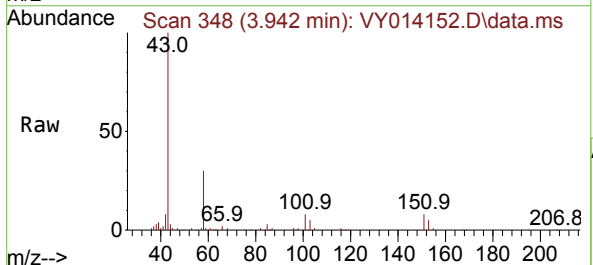
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

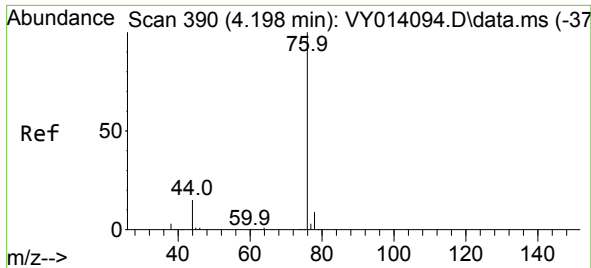
Tgt Ion: 53 Resp: 177945
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 38.0 29.8 44.6



#16
Acetone
Concen: 212.852 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 43 Resp: 156219
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

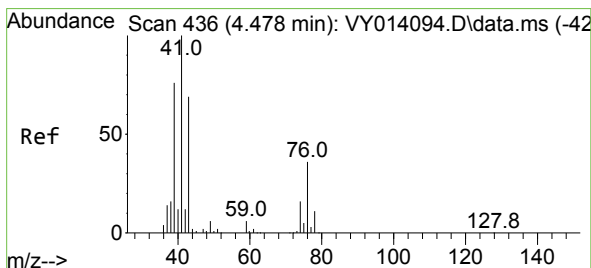
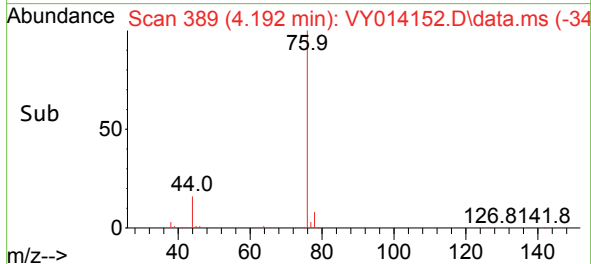
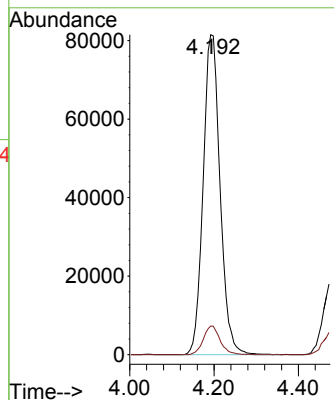
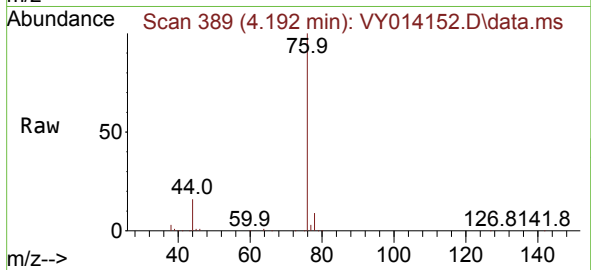




#17
Carbon Disulfide
Concen: 35.204 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

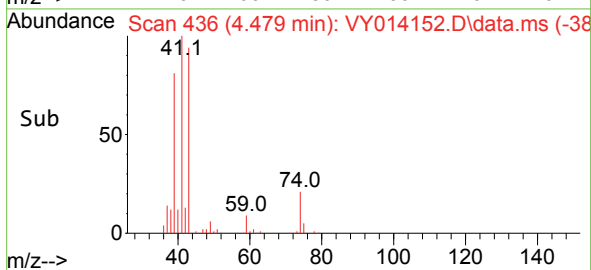
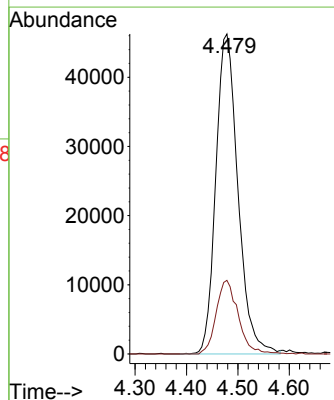
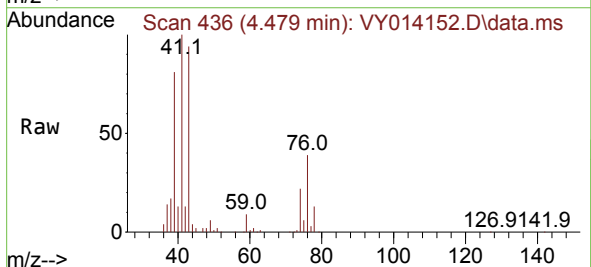
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

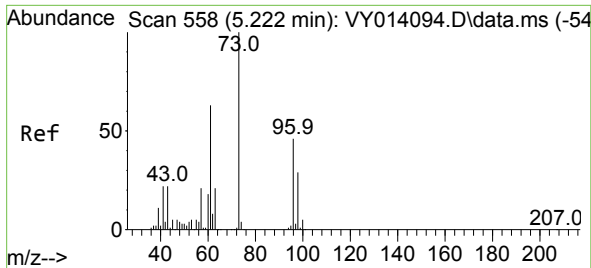
Tgt Ion: 76 Resp: 227746
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.564 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 43 Resp: 138348
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0

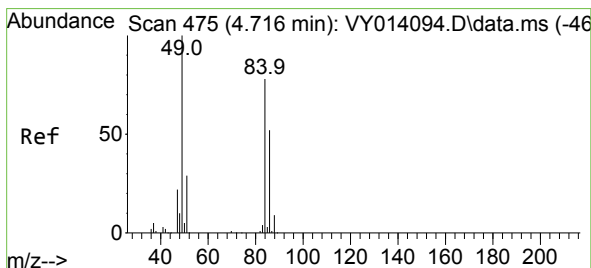
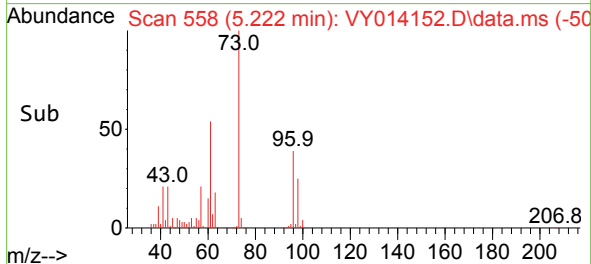
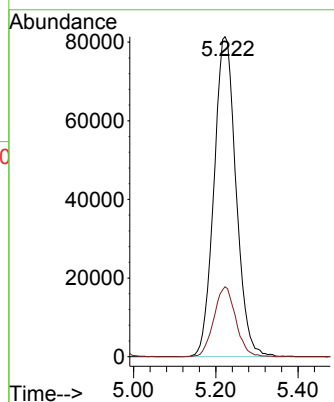
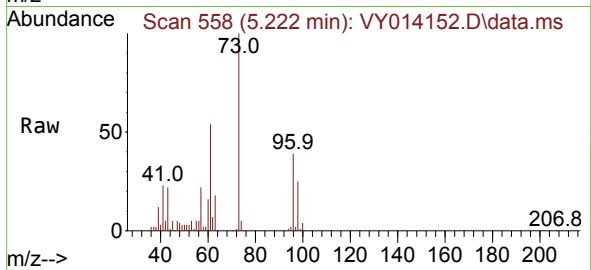




#19
Methyl tert-butyl Ether
Concen: 51.443 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

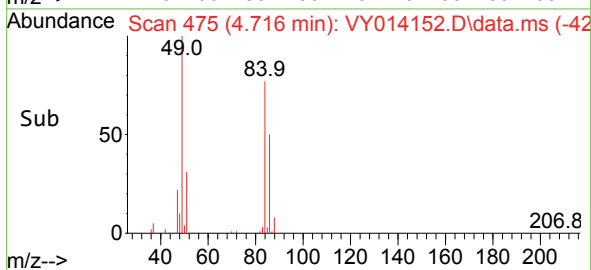
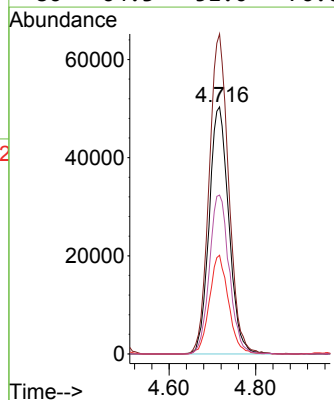
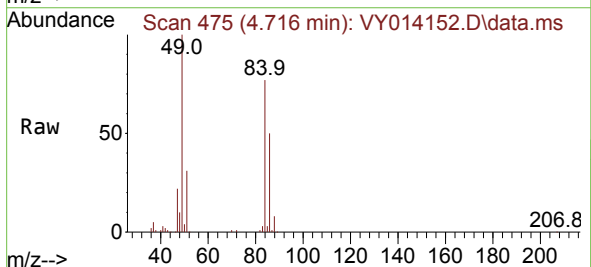
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

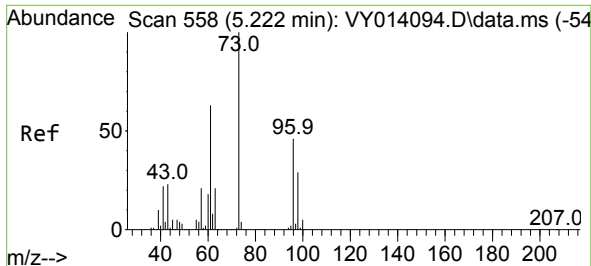
Tgt Ion: 73 Resp: 302903
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 69.090 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 84 Resp: 158678
Ion Ratio Lower Upper
84 100
49 129.5 106.9 160.3
51 40.0 33.2 49.8
86 64.3 51.0 76.6

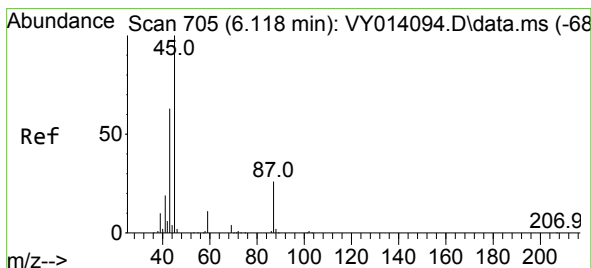
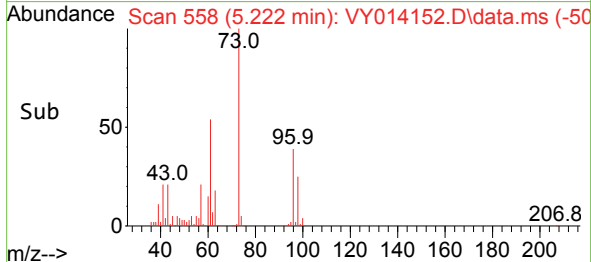
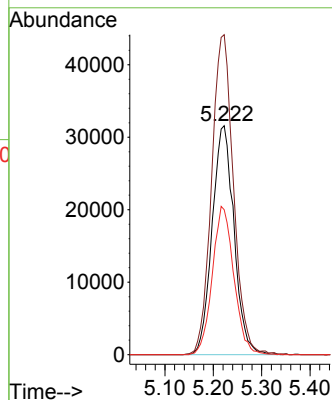
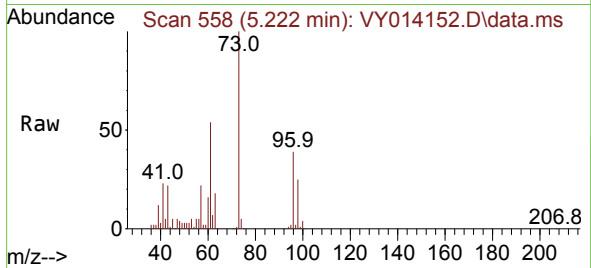




#21
trans-1,2-Dichloroethene
Concen: 44.516 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

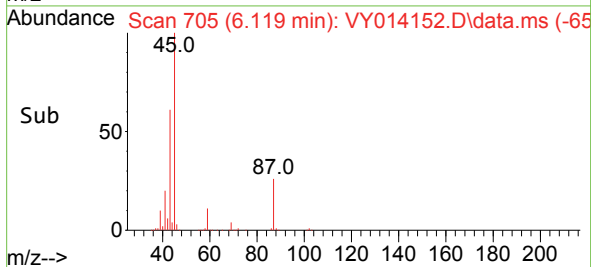
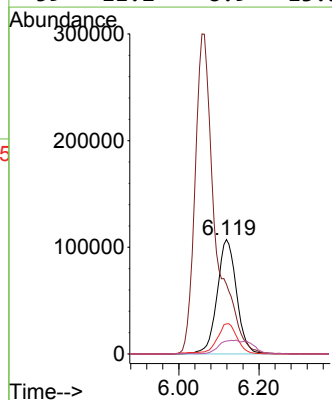
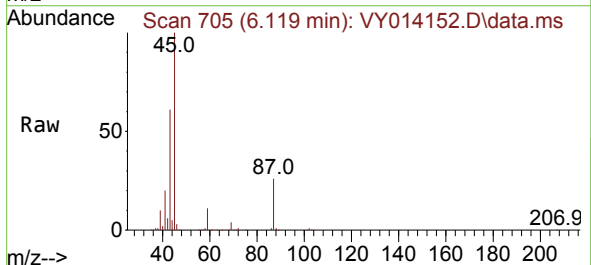
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

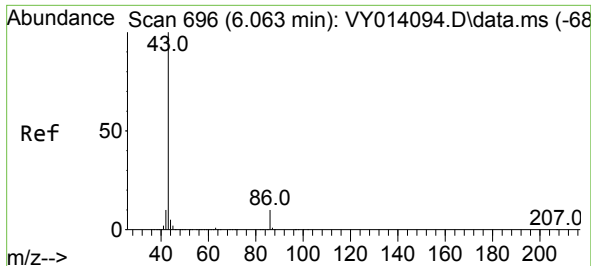
Tgt Ion: 96 Resp: 99124
Ion Ratio Lower Upper
96 100
61 139.7 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 52.099 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 45 Resp: 360981
Ion Ratio Lower Upper
45 100
43 60.4 52.2 78.4
87 26.2 21.0 31.6
59 11.2 8.9 13.3

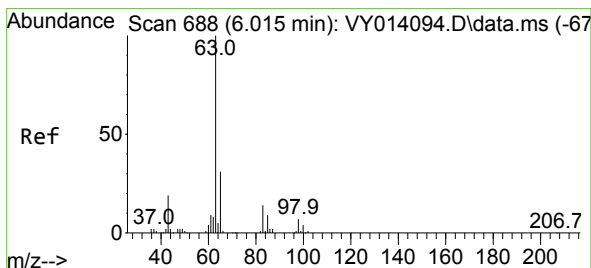
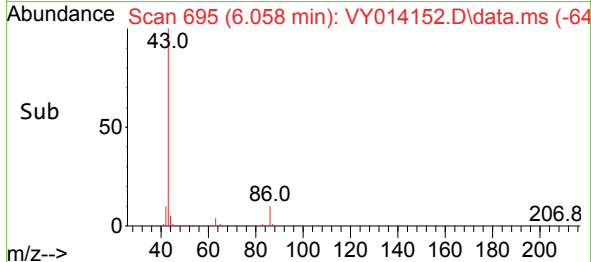
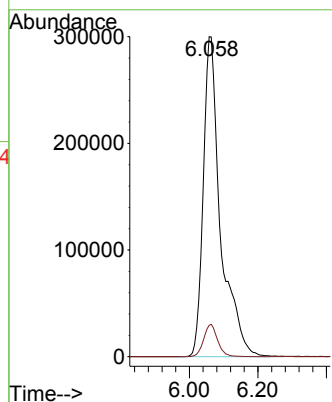
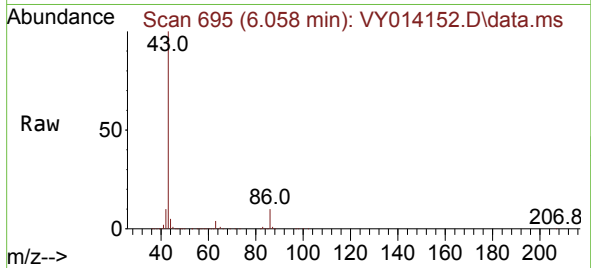




#23
 Vinyl Acetate
 Concen: 257.560 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.005 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

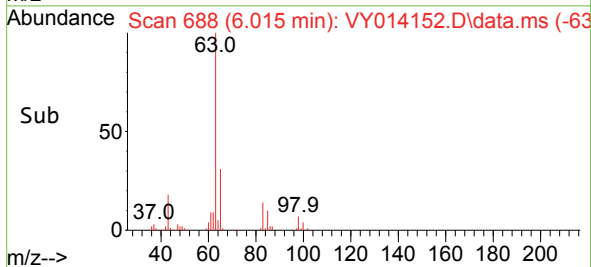
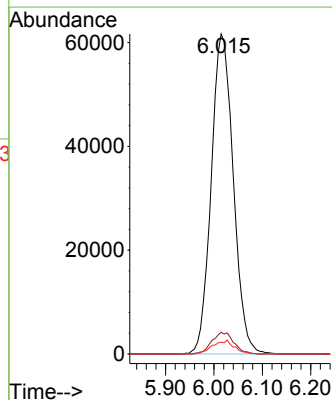
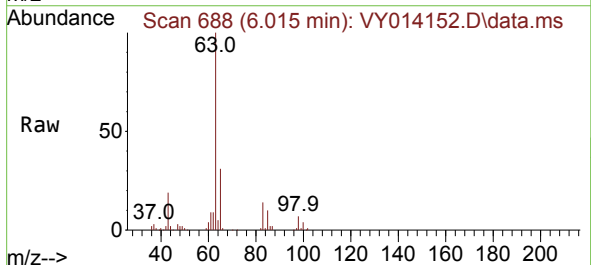
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

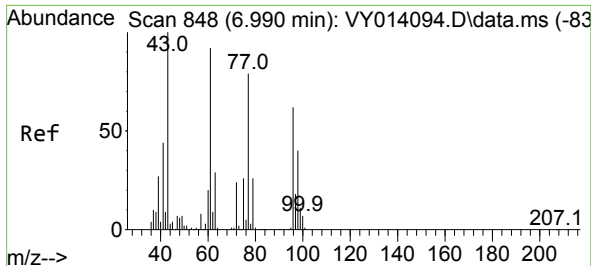
Tgt Ion: 43 Resp: 1052933
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 48.907 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

Tgt Ion: 63 Resp: 195377
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.7 1.8 5.5

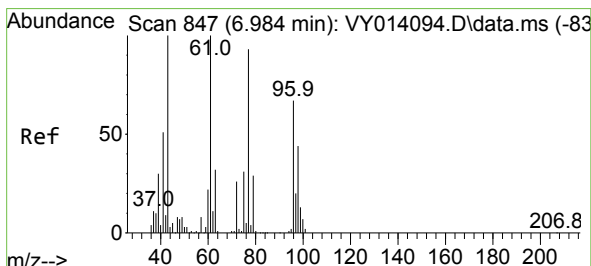
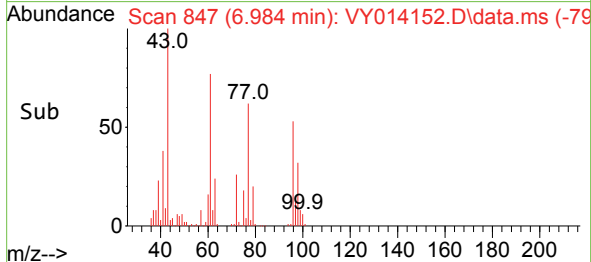
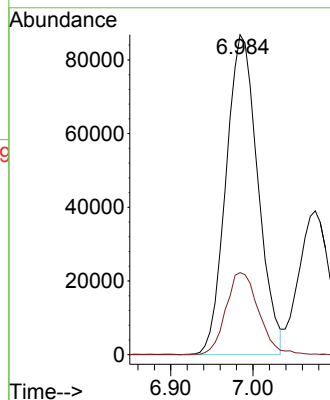
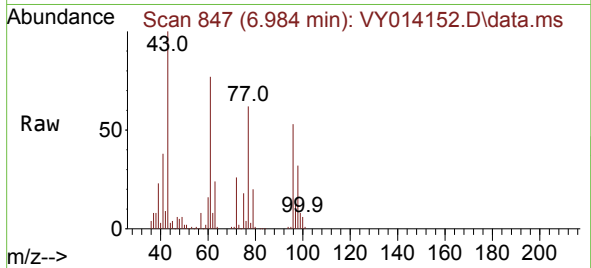




#25
2-Butanone
Concen: 259.180 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

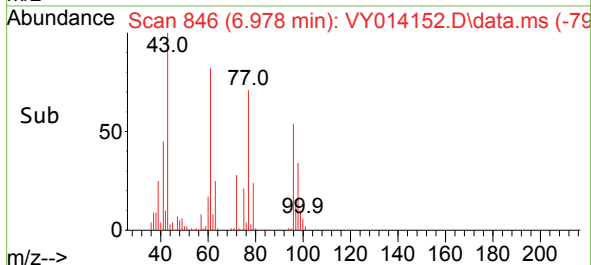
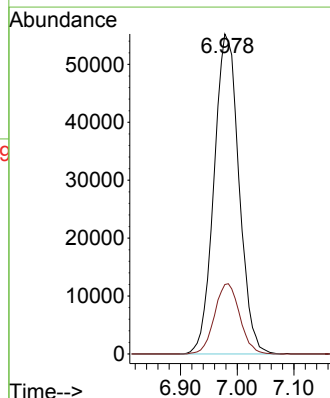
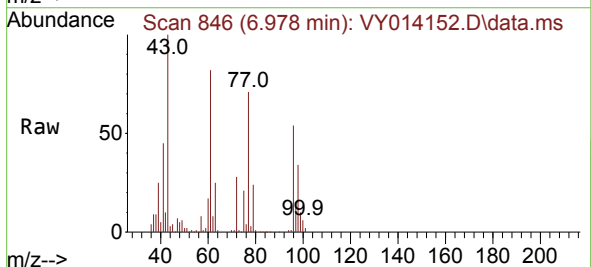
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

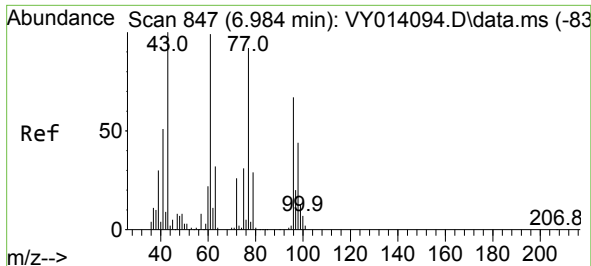
Tgt Ion: 43 Resp: 234154
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.024 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 77 Resp: 168938
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.301 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

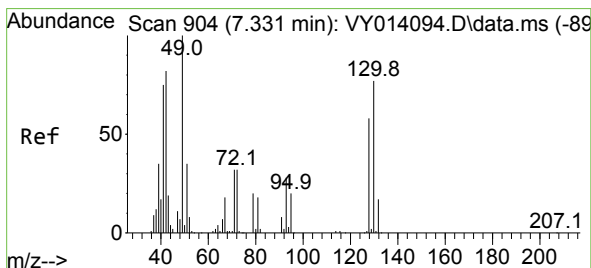
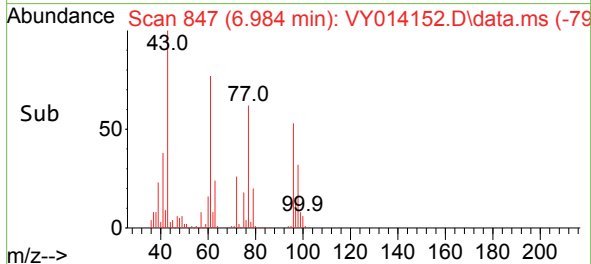
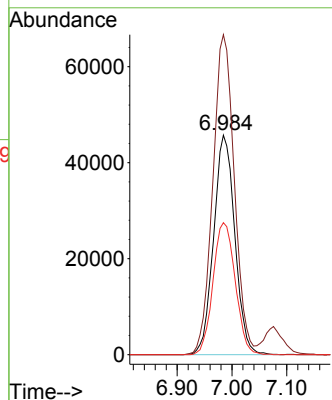
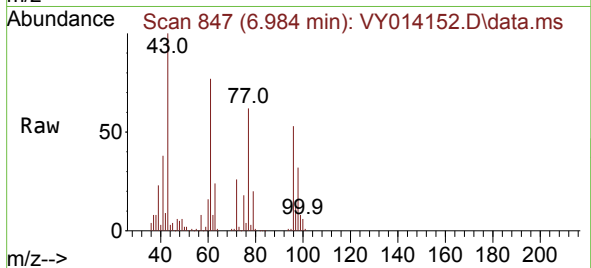
Tgt Ion: 96 Resp: 122804

Ion Ratio Lower Upper

96 100

61 147.6 0.0 301.4

98 63.0 0.0 130.4



#28

Bromochloromethane

Concen: 47.796 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

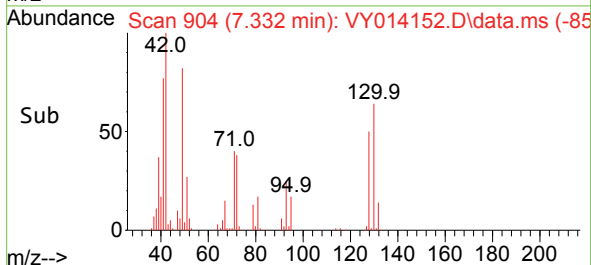
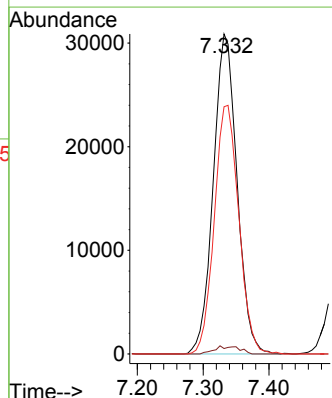
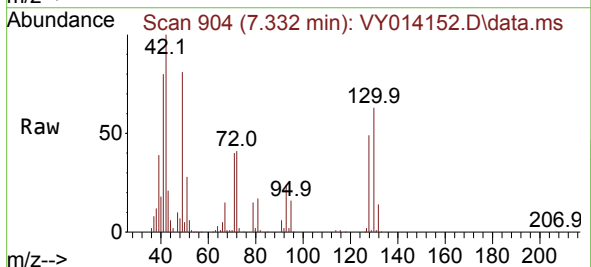
Tgt Ion: 49 Resp: 77649

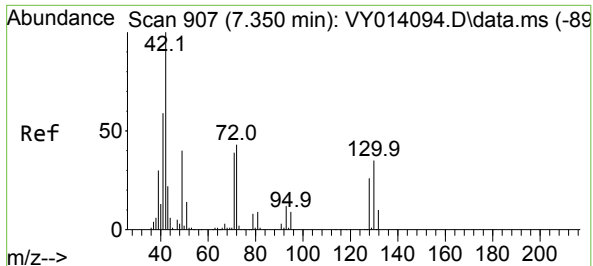
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.6

130 80.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 271.411 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

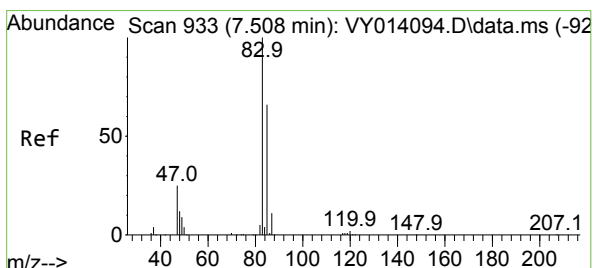
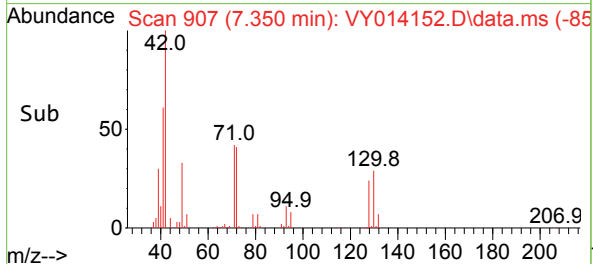
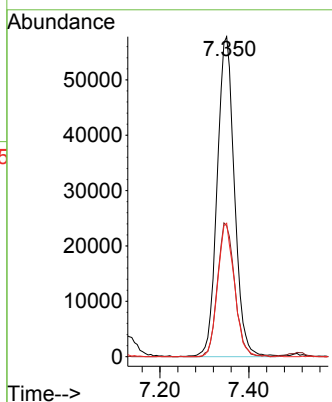
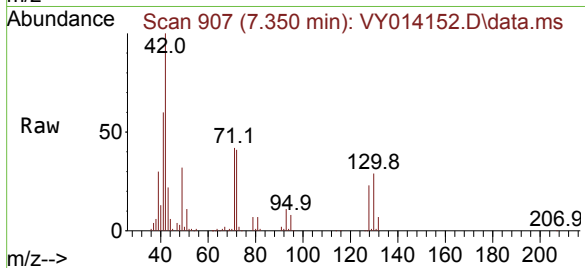
Tgt Ion: 42 Resp: 155486

Ion Ratio Lower Upper

42 100

72 41.5 32.8 49.2

71 40.6 31.0 46.4



#30

Chloroform

Concen: 52.095 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014152.D

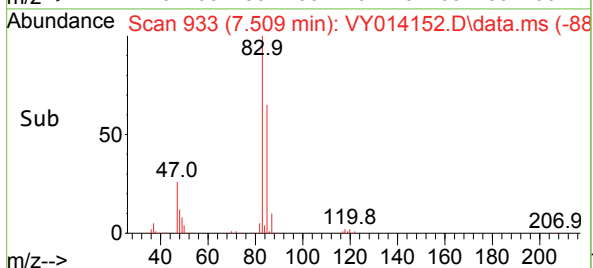
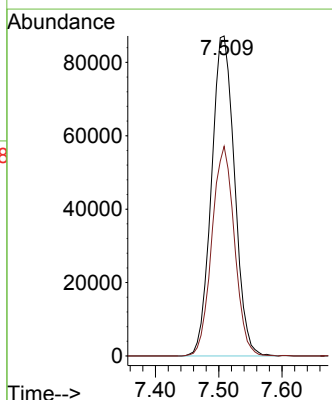
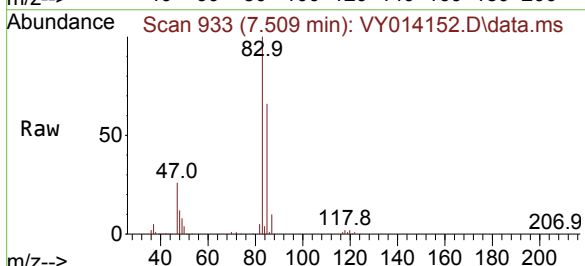
Acq: 13 Jun 2023 20:09

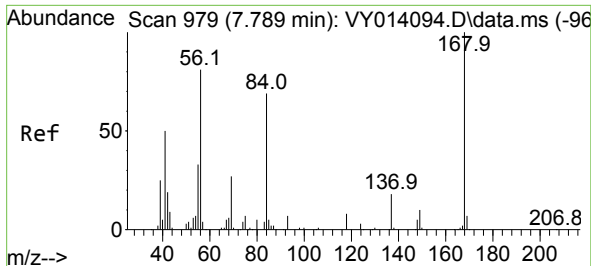
Tgt Ion: 83 Resp: 220789

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

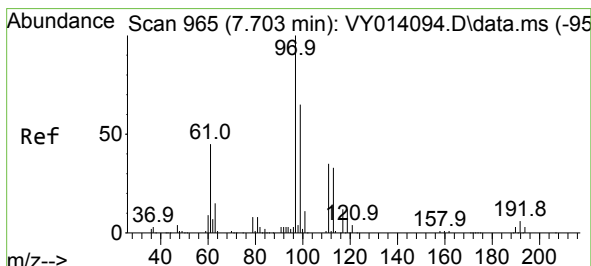
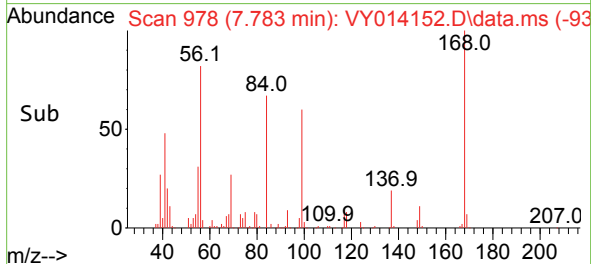
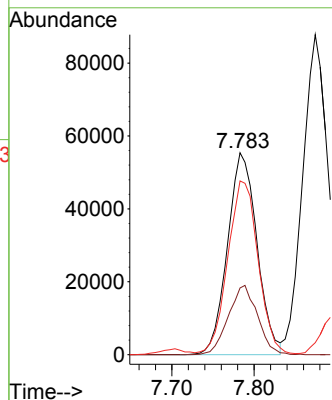
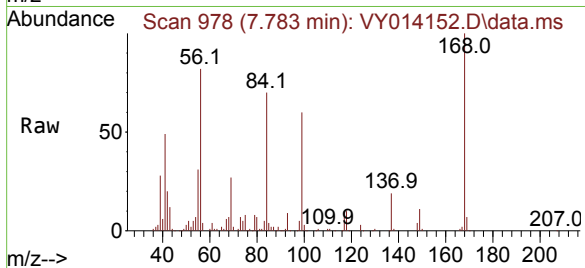




#31
Cyclohexane
Concen: 42.370 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

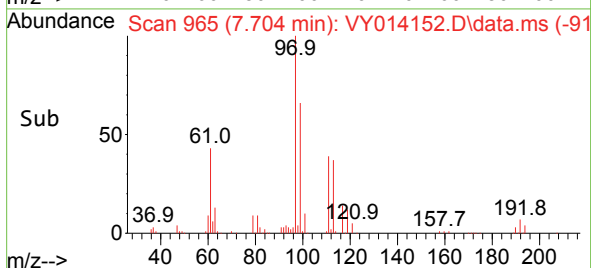
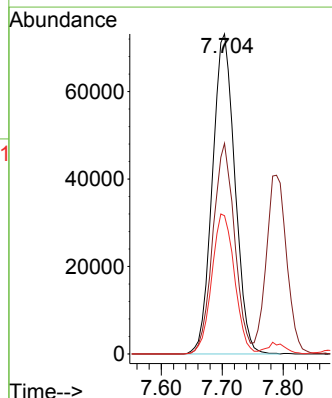
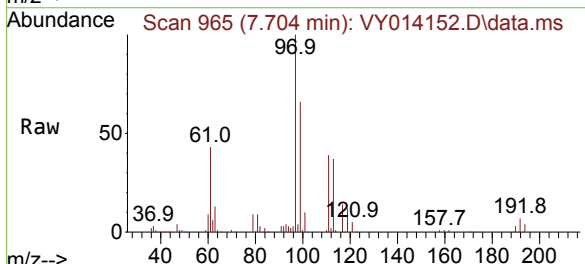
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

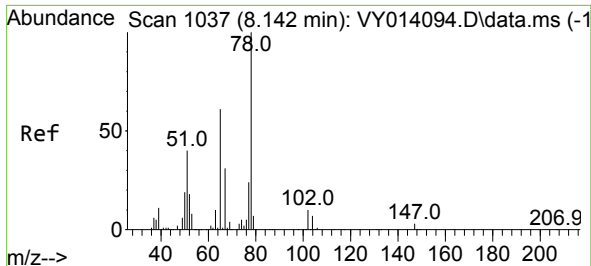
Tgt Ion: 56 Resp: 138199
Ion Ratio Lower Upper
56 100
69 33.0 27.8 41.6
84 83.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.090 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 97 Resp: 187644
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.507 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

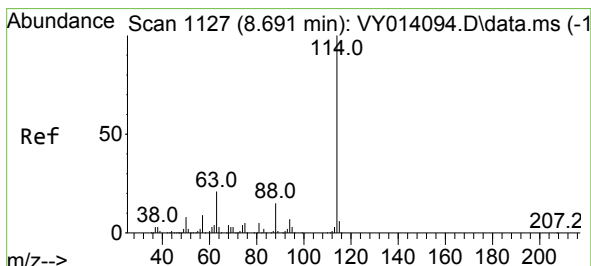
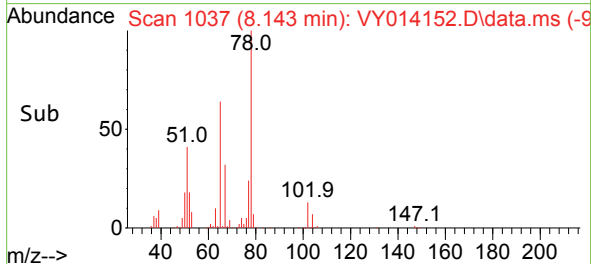
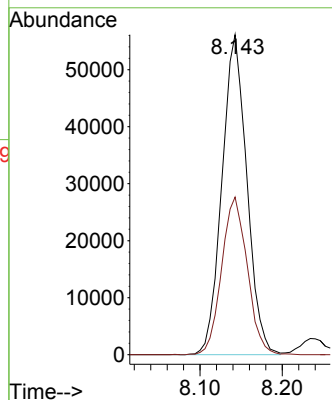
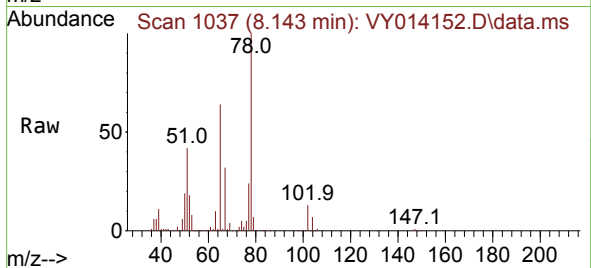
VSTDCCC050EC

Tgt Ion: 65 Resp: 118105

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

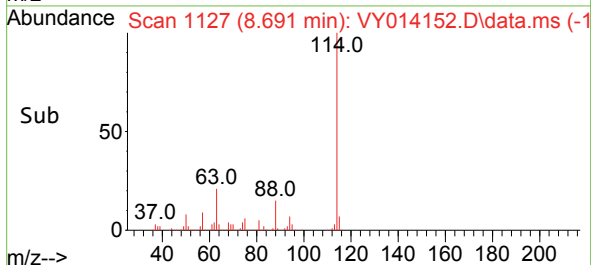
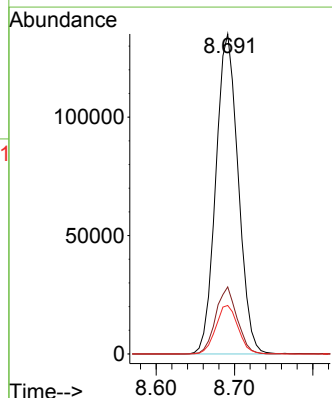
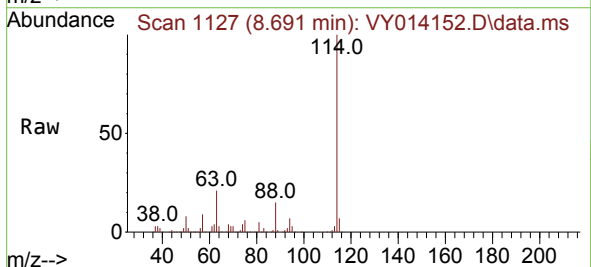
Tgt Ion: 114 Resp: 268334

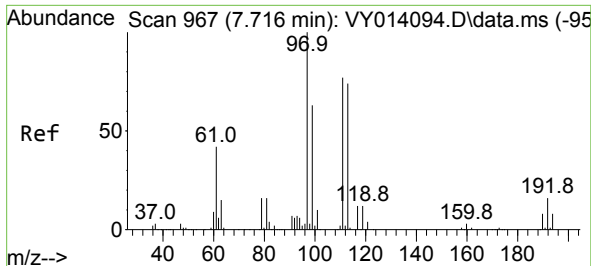
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.2 0.0 30.6

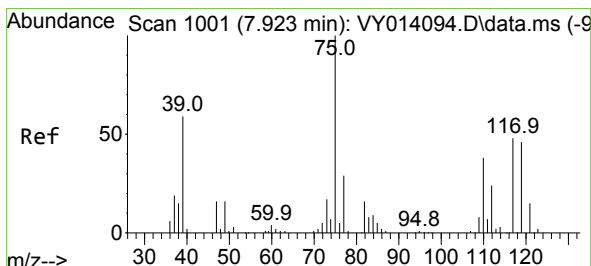
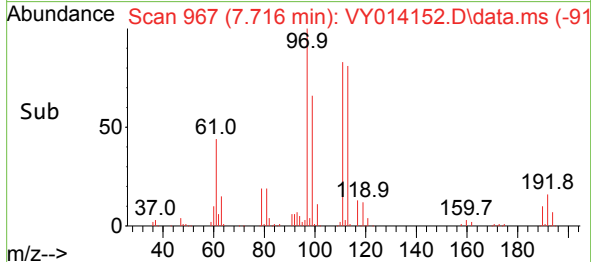
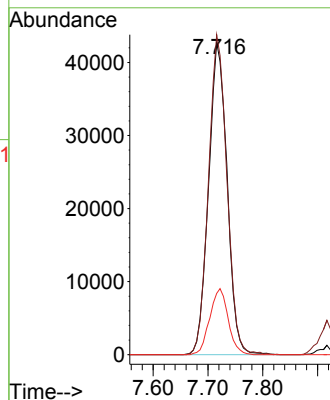
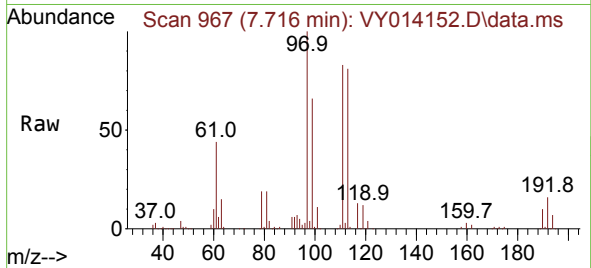




#35
Dibromofluoromethane
Concen: 52.660 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

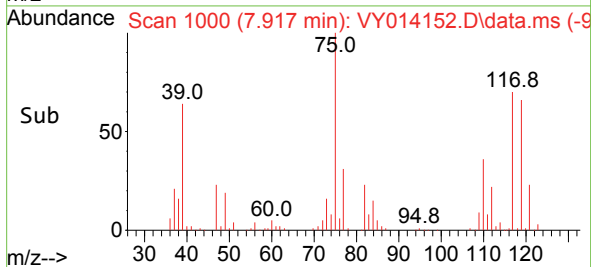
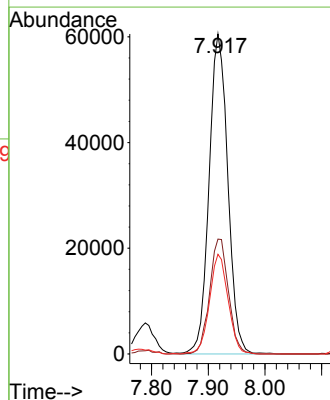
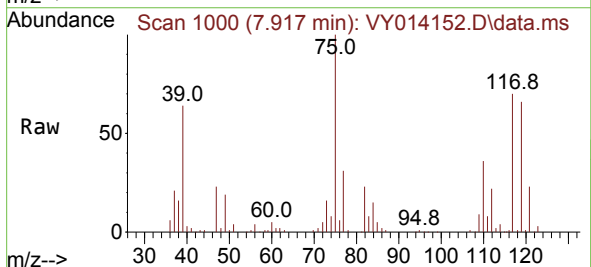
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

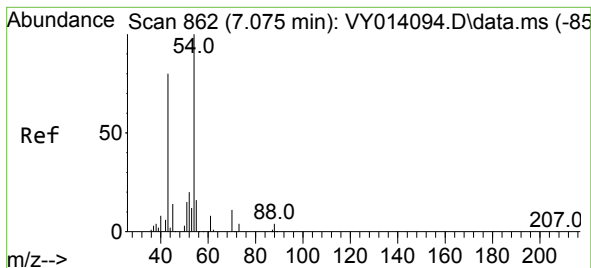
Tgt Ion:113 Resp: 100211
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.849 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 75 Resp: 138988
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 52.166 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

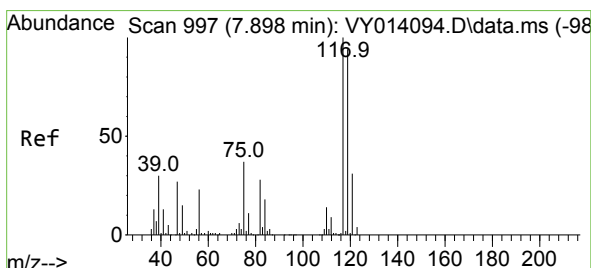
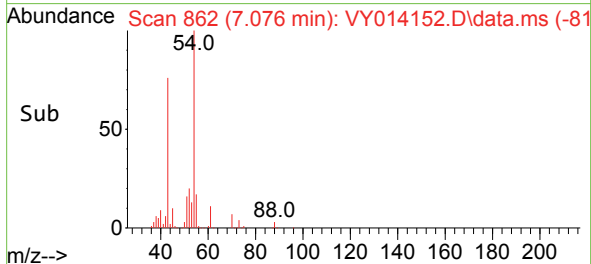
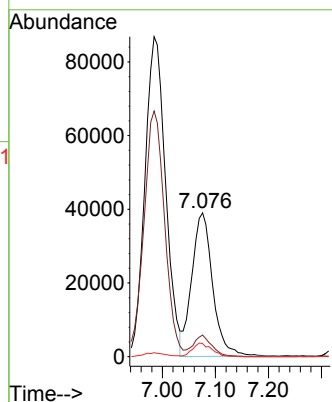
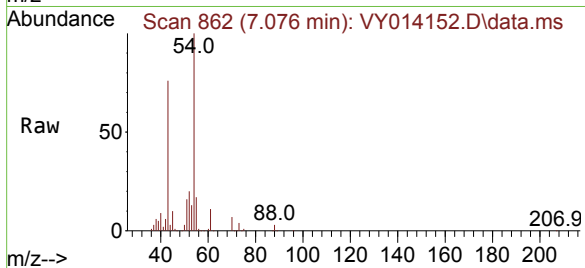
Tgt Ion: 43 Resp: 106784

Ion Ratio Lower Upper

43 100

61 13.1 10.1 15.1

70 8.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.285 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

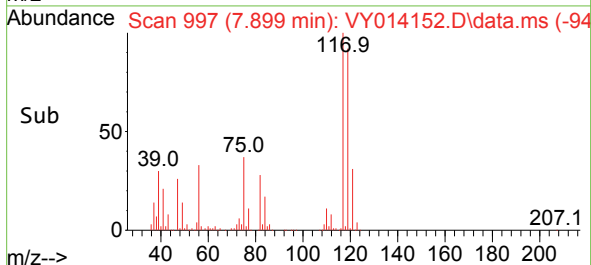
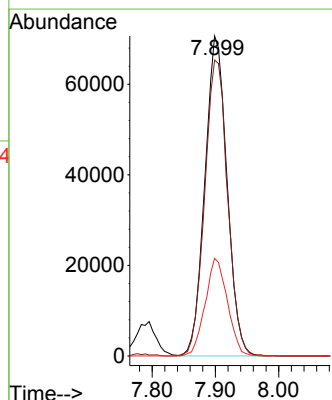
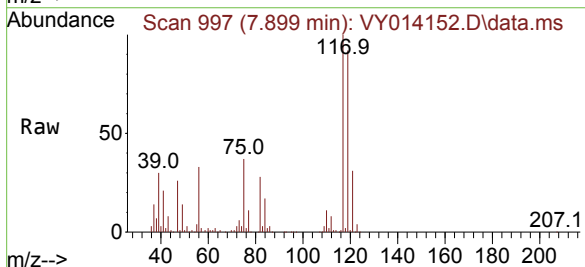
Tgt Ion: 117 Resp: 172156

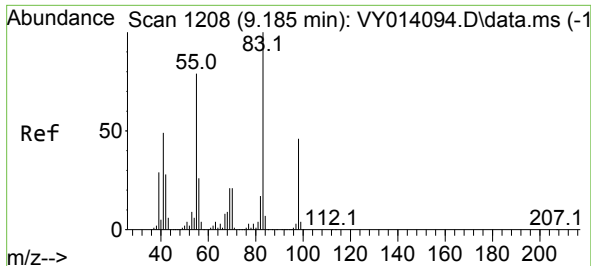
Ion Ratio Lower Upper

117 100

119 92.5 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 45.773 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

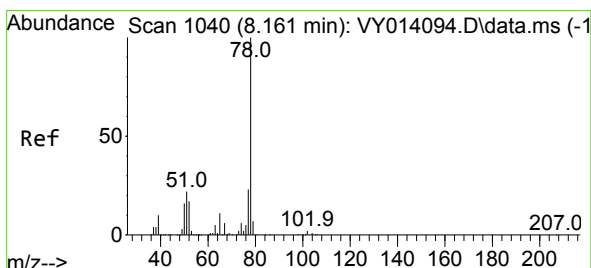
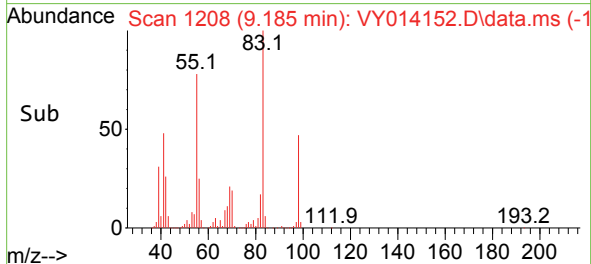
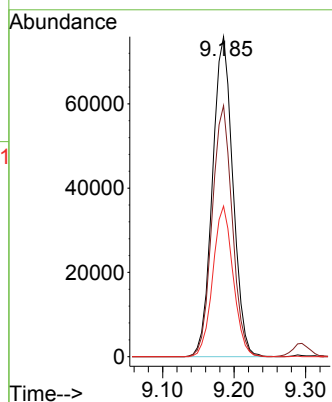
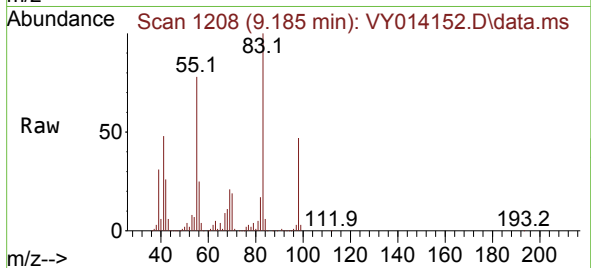
Tgt Ion: 83 Resp: 150667

Ion Ratio Lower Upper

83 100

55 78.4 63.0 94.4

98 47.1 37.4 56.2



#40

Benzene

Concen: 48.906 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014152.D

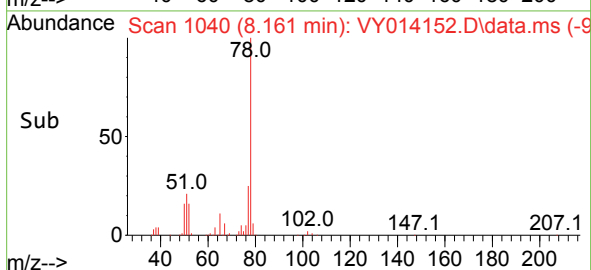
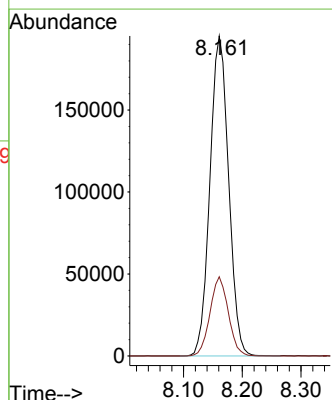
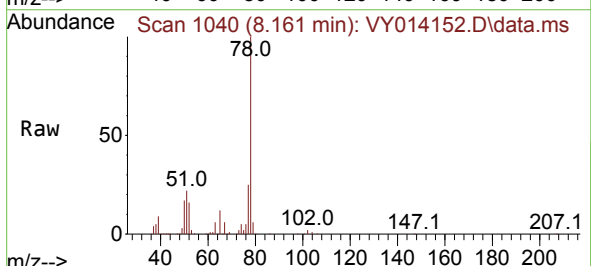
Acq: 13 Jun 2023 20:09

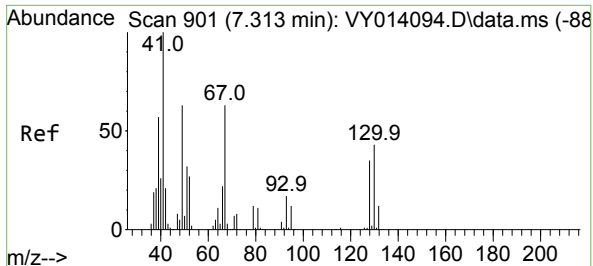
Tgt Ion: 78 Resp: 431448

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

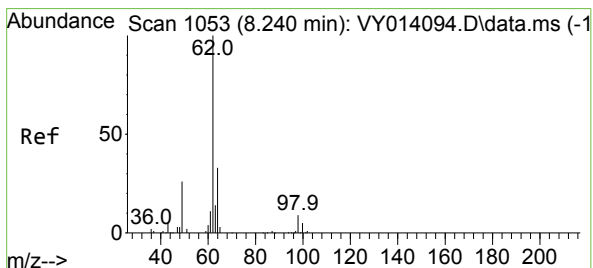
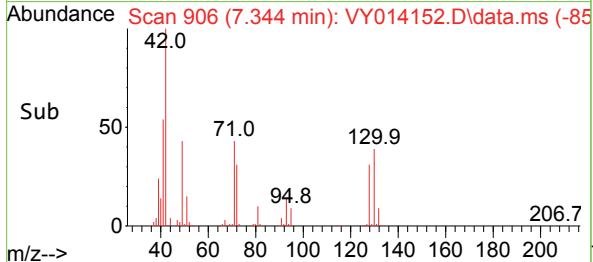
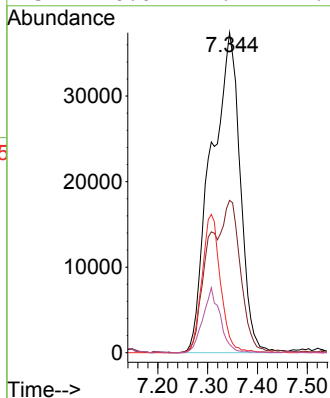
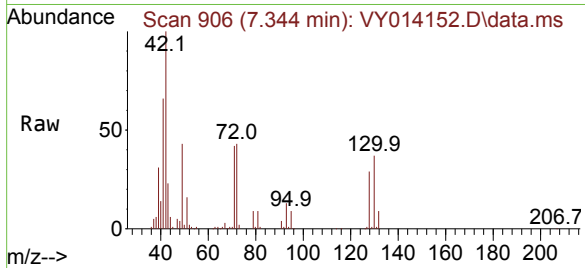




#41
Methacrylonitrile
Concen: 144.491 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

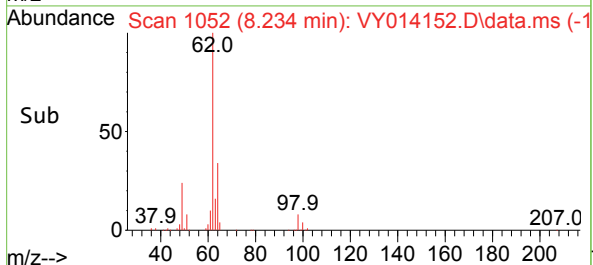
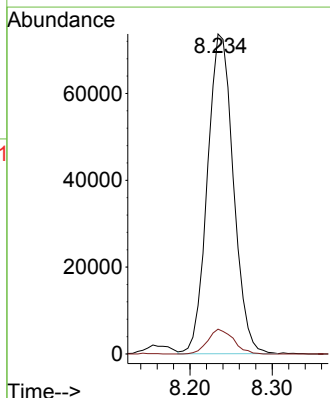
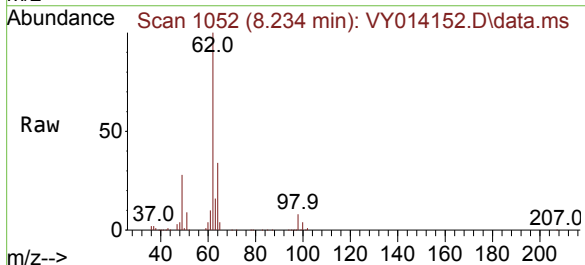
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

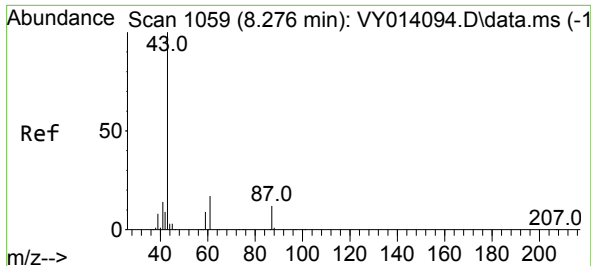
Tgt Ion: 41 Resp: 150949
Ion Ratio Lower Upper
41 100
39 27.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.789 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 62 Resp: 161563
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8

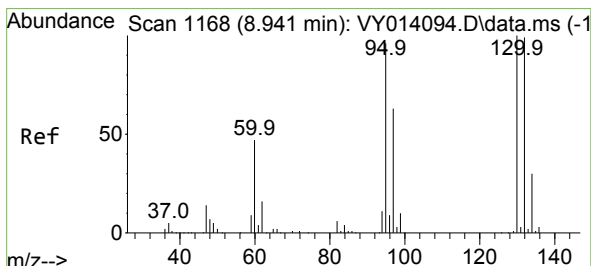
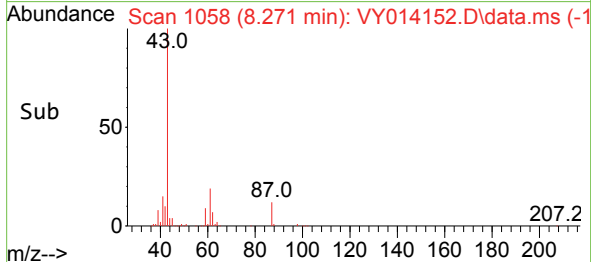
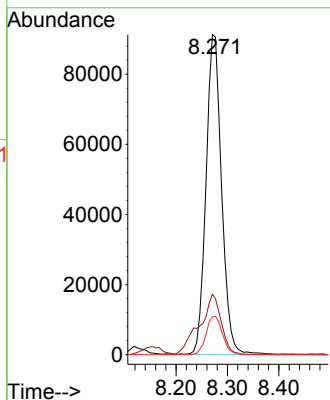
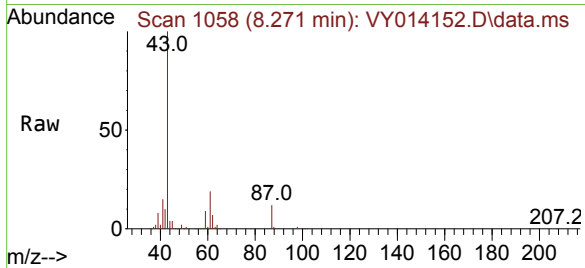




#43
Isopropyl Acetate
Concen: 53.422 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

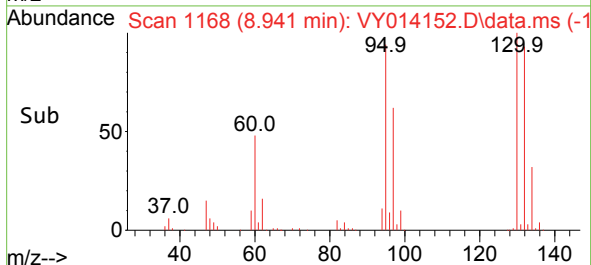
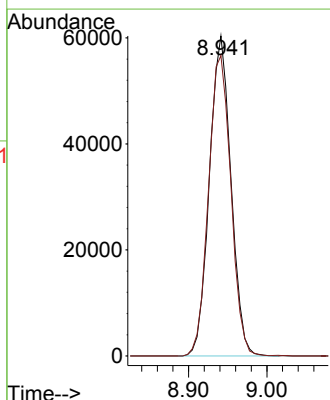
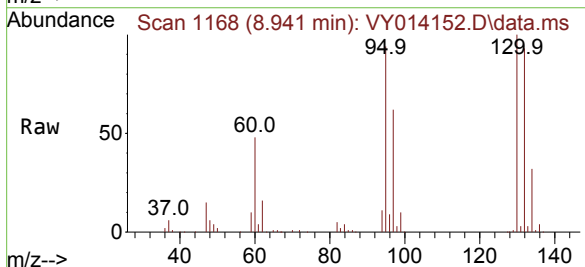
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

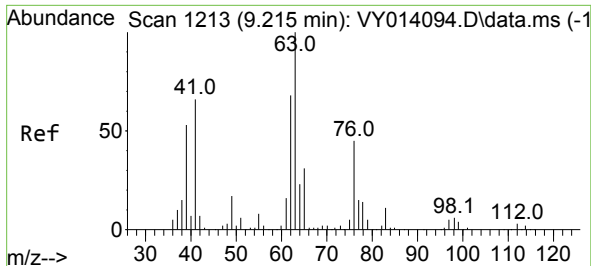
Tgt Ion: 43 Resp: 191664
Ion Ratio Lower Upper
43 100
61 26.3 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 48.979 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion:130 Resp: 115444
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.651 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

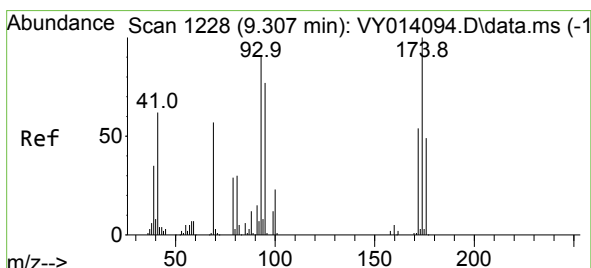
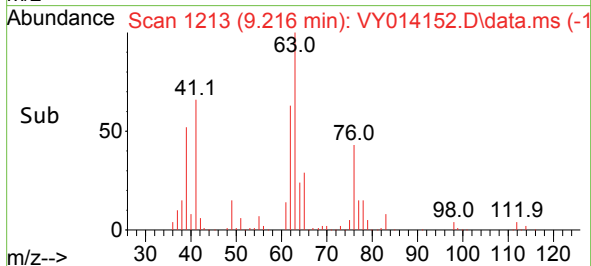
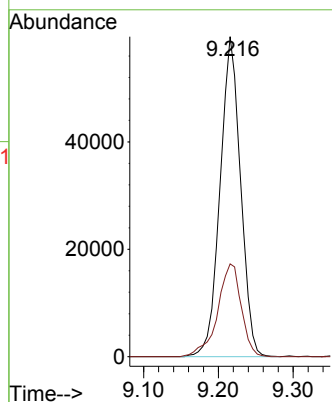
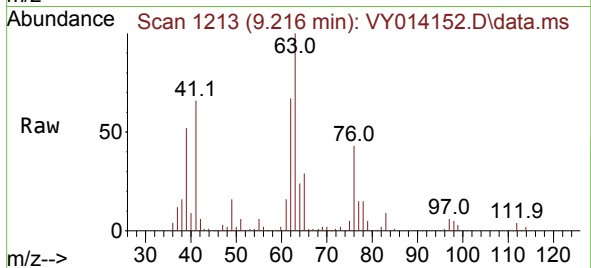
VSTDCCC050EC

Tgt Ion: 63 Resp: 113498

Ion Ratio Lower Upper

63 100

65 29.0 23.8 35.6



#46

Dibromomethane

Concen: 52.573 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

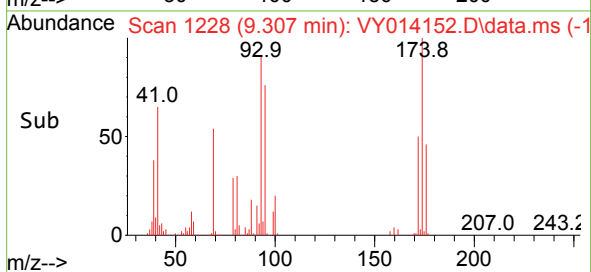
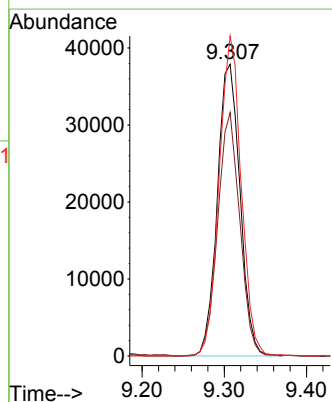
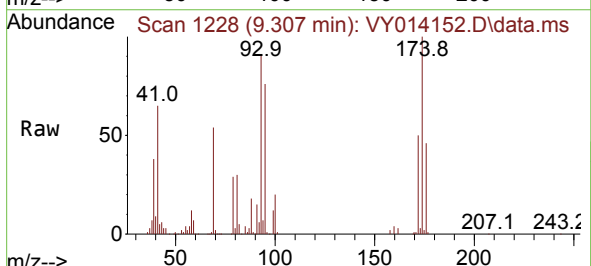
Tgt Ion: 93 Resp: 72515

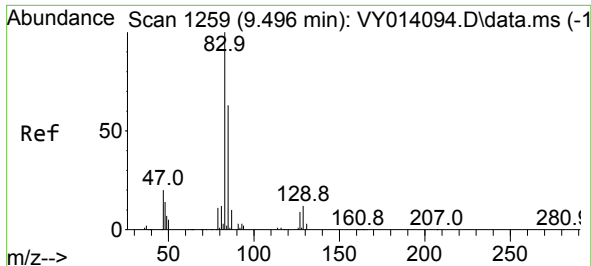
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 106.9 84.8 127.2

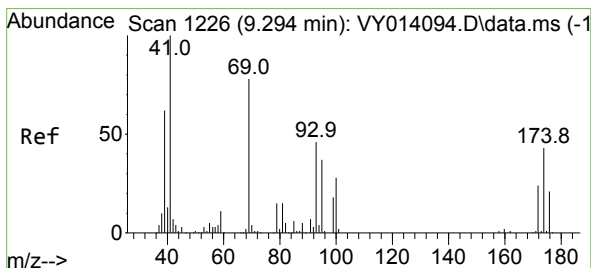
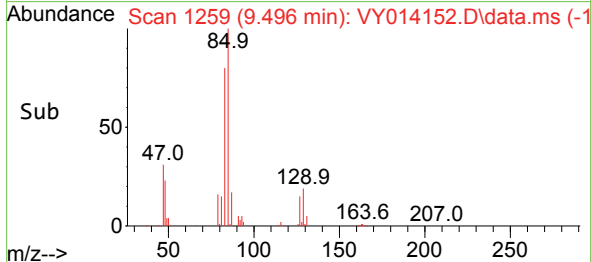
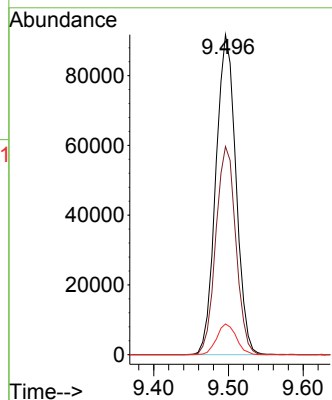
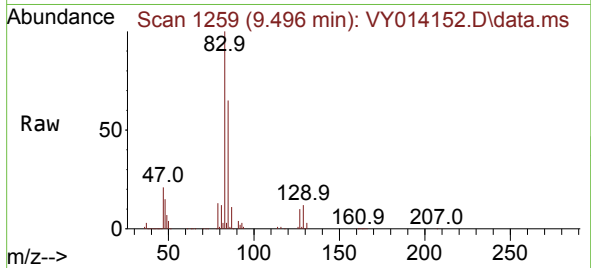




#47
Bromodichloromethane
Concen: 53.108 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

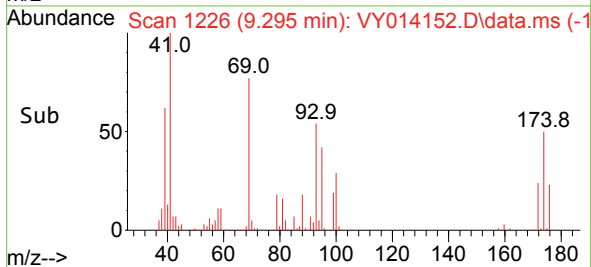
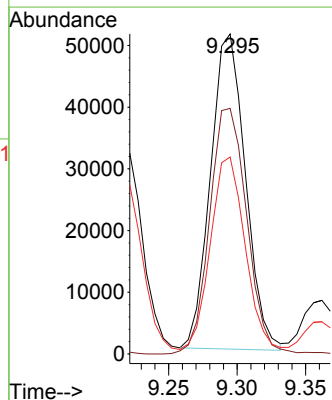
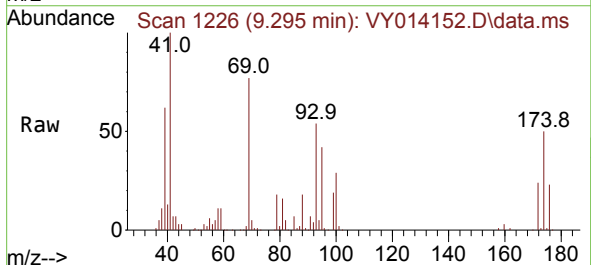
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

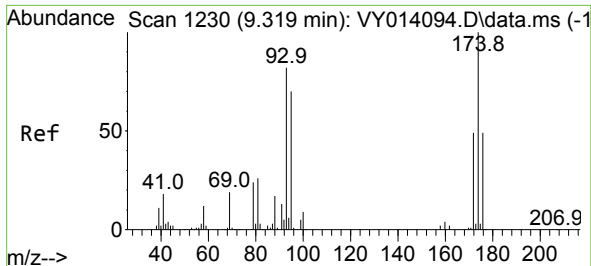
Tgt Ion: 83 Resp: 171516
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 54.023 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 41 Resp: 90401
Ion Ratio Lower Upper
41 100
69 83.1 64.5 96.7
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1152.324 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014152.D

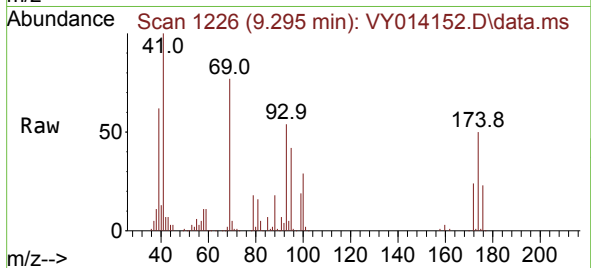
Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



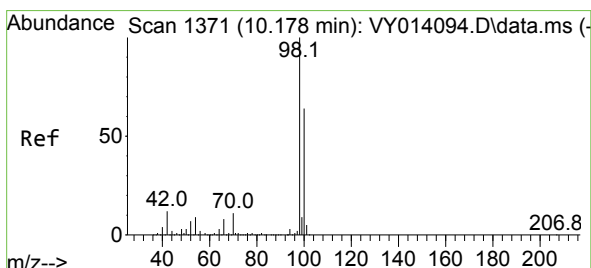
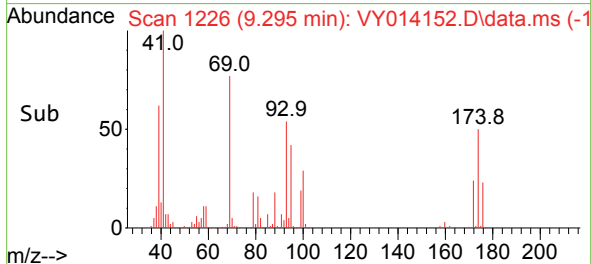
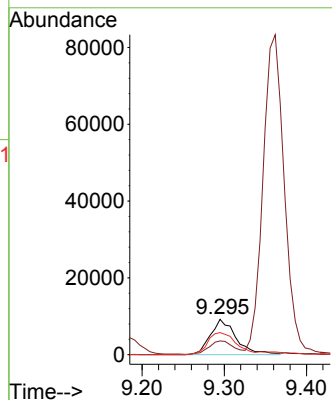
Tgt Ion: 88 Resp: 20196

Ion Ratio Lower Upper

88 100

43 37.4 0.0 0.0#

58 67.5 30.9 46.3#



#50

Toluene-d8

Concen: 47.748 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014152.D

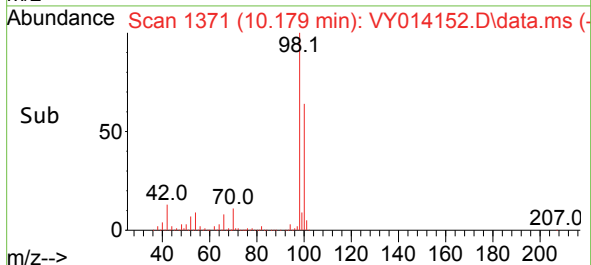
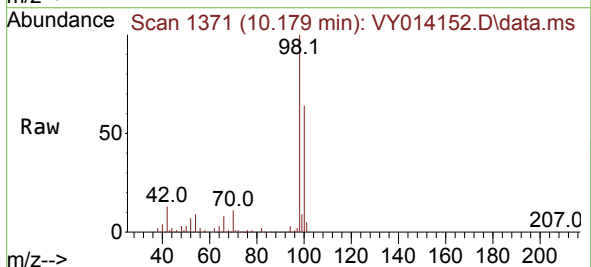
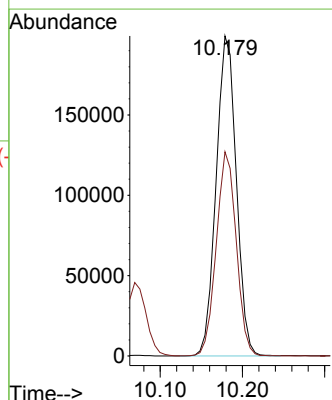
Acq: 13 Jun 2023 20:09

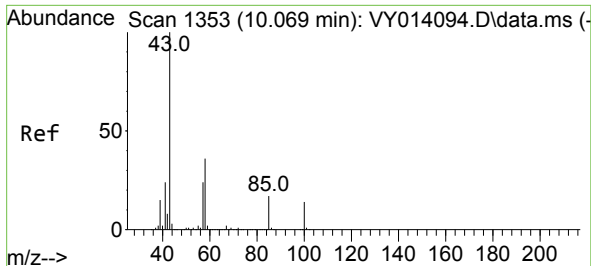
Tgt Ion: 98 Resp: 339698

Ion Ratio Lower Upper

98 100

100 63.3 50.1 75.1

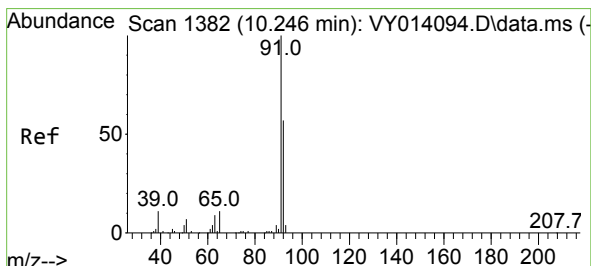
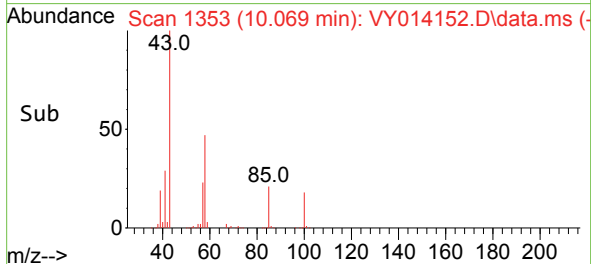
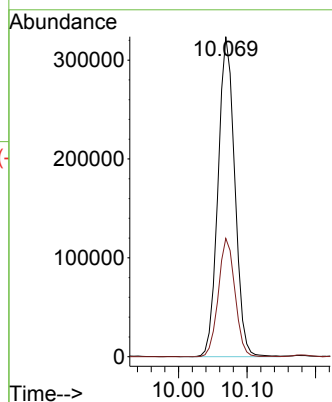
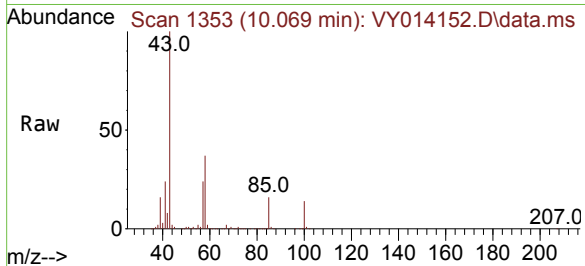




#51
4-Methyl-2-Pentanone
Concen: 280.265 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

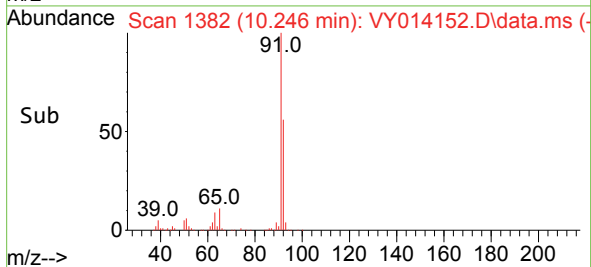
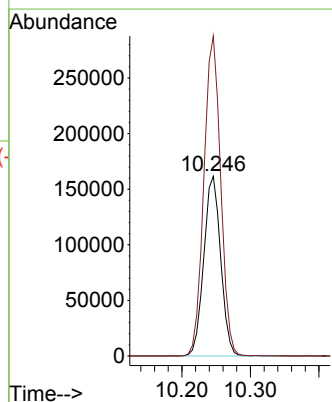
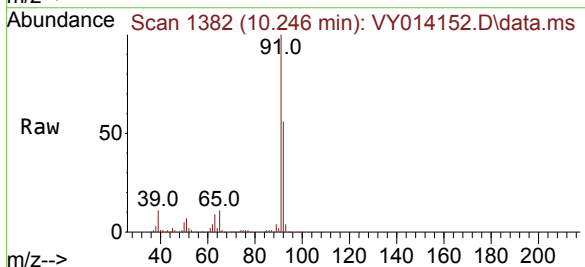
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

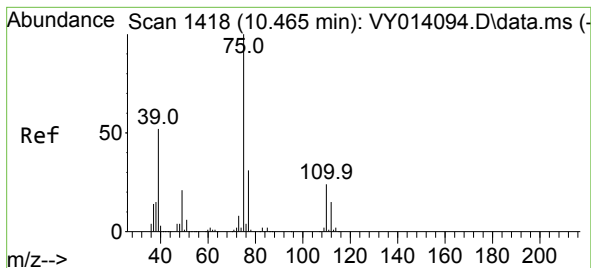
Tgt Ion: 43 Resp: 546289
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6



#52
Toluene
Concen: 50.577 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 92 Resp: 276592
Ion Ratio Lower Upper
92 100
91 177.3 143.8 215.6

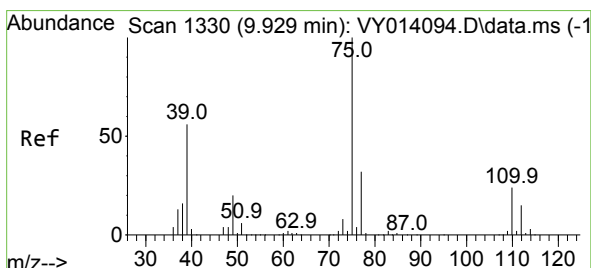
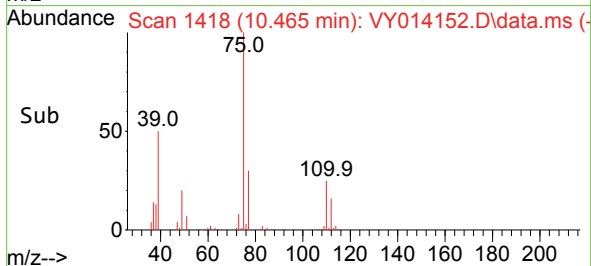
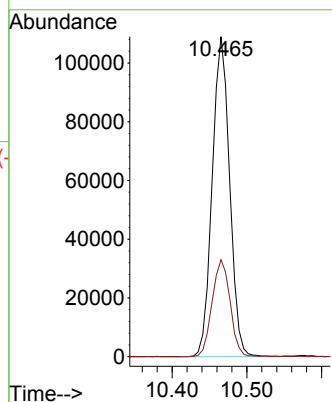
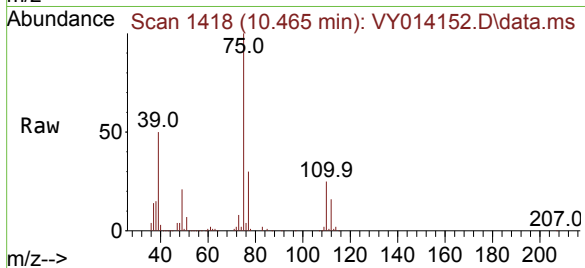




#53
 t-1,3-Dichloropropene
 Concen: 51.858 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

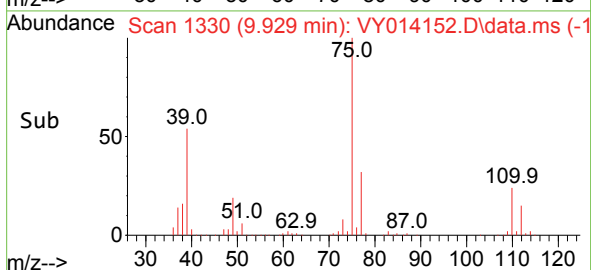
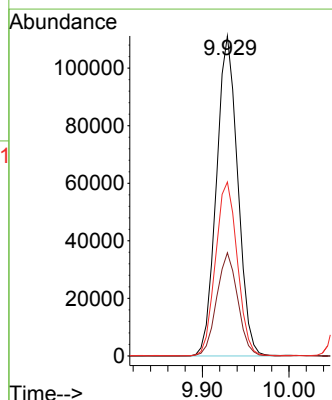
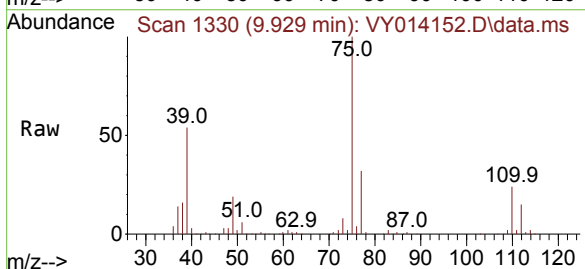
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

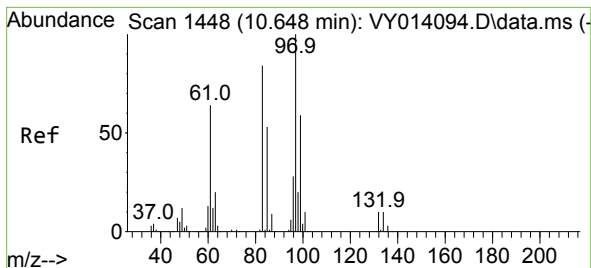
Tgt Ion: 75 Resp: 176307
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.249 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

Tgt Ion: 75 Resp: 190106
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 54.3 42.2 63.4

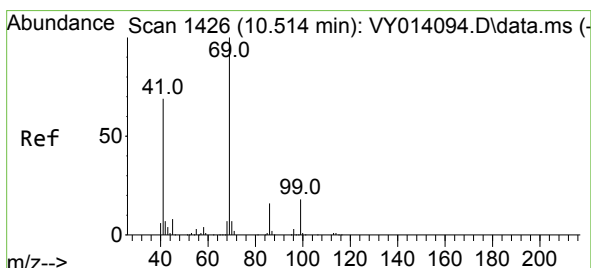
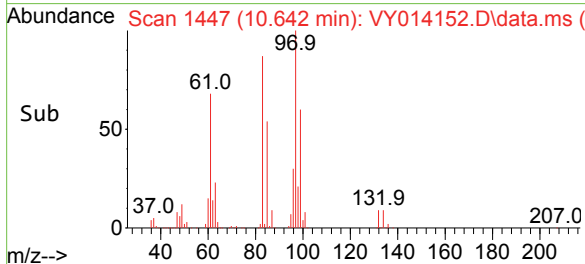
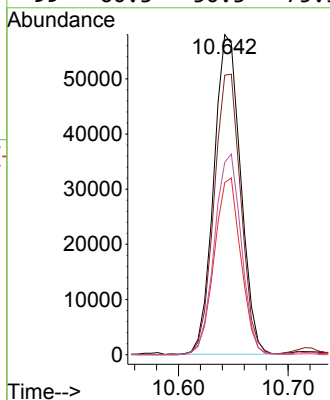
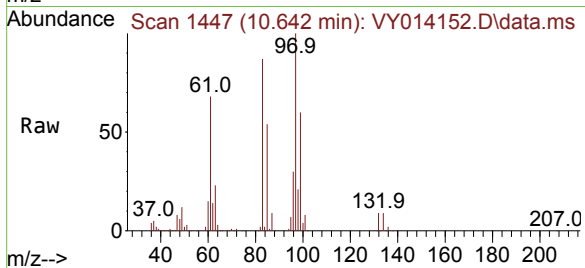




#55
1,1,2-Trichloroethane
Concen: 53.851 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

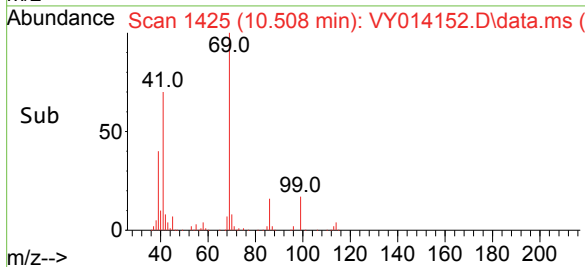
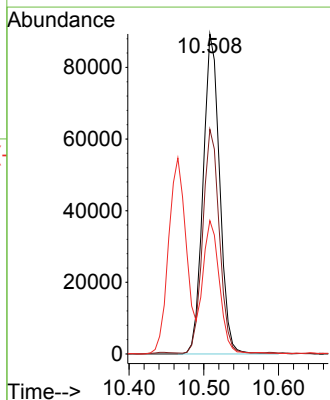
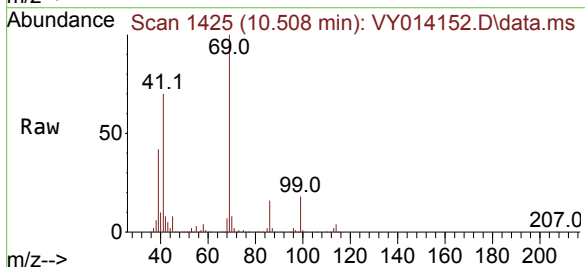
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

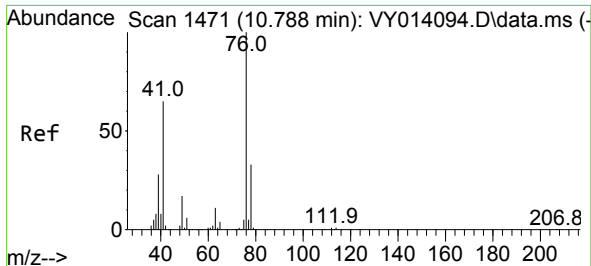
Tgt Ion: 97	Resp: 98520
Ion Ratio	Lower Upper
97 100	
83 87.5	72.0 108.0
85 53.9	45.4 68.0
99 60.3	50.3 75.5



#56
Ethyl methacrylate
Concen: 54.448 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 69	Resp: 137397
Ion Ratio	Lower Upper
69 100	
41 70.0	57.6 86.4
39 40.3	34.1 51.1





#57

1,3-Dichloropropane

Concen: 53.584 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

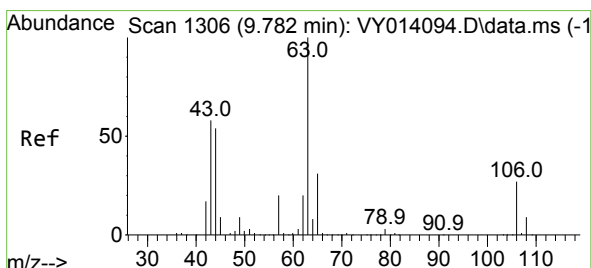
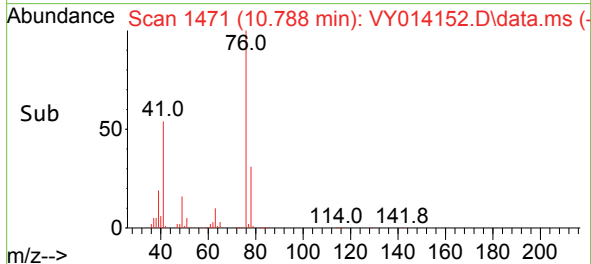
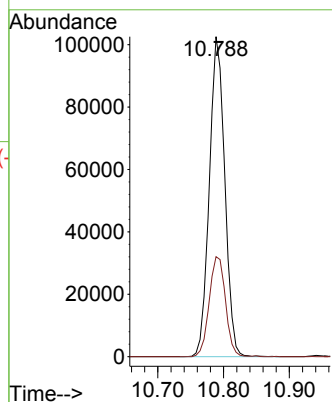
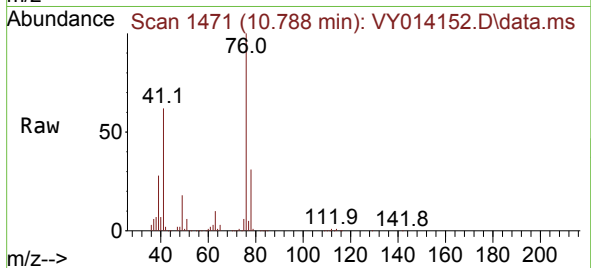
VSTDCCC050EC

Tgt Ion: 76 Resp: 167663

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 277.817 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014152.D

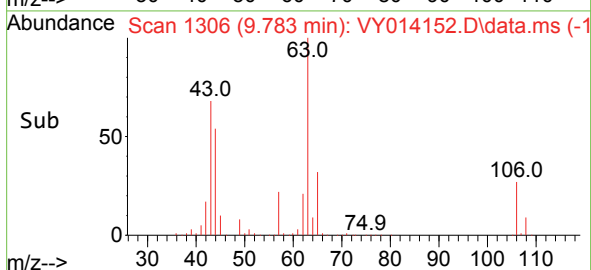
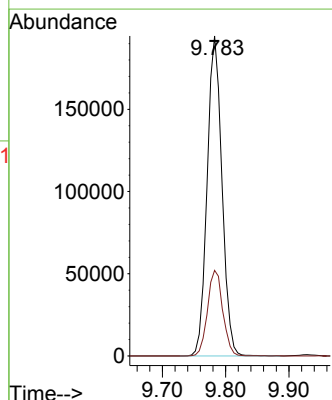
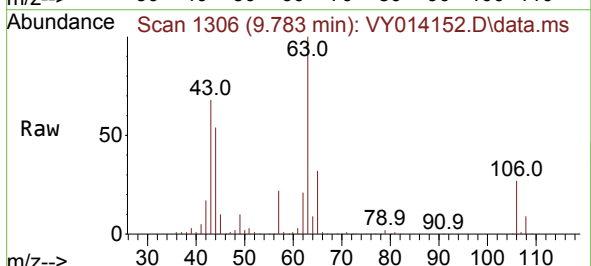
Acq: 13 Jun 2023 20:09

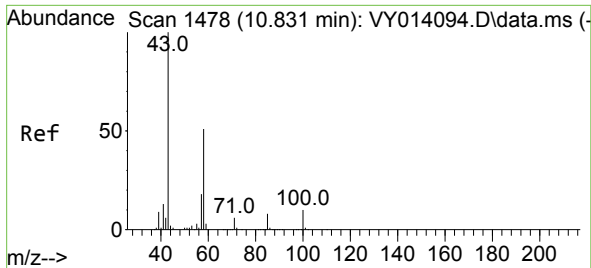
Tgt Ion: 63 Resp: 317316

Ion Ratio Lower Upper

63 100

106 27.5 21.2 31.8

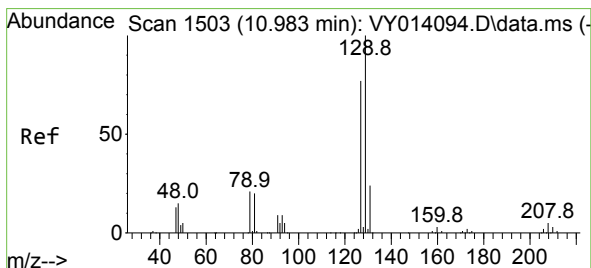
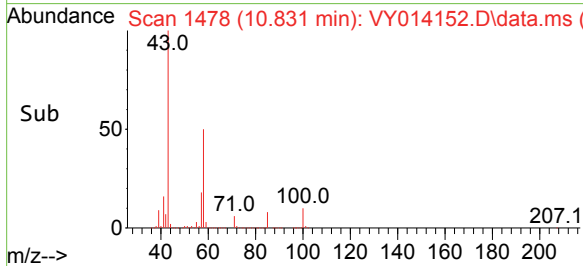
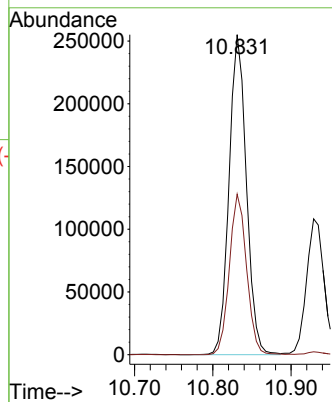
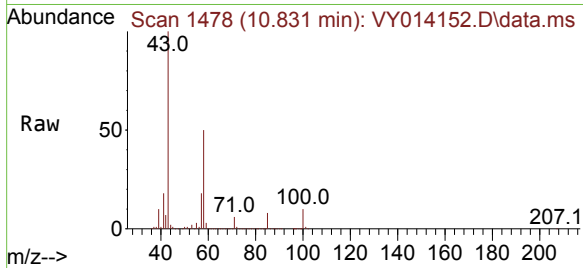




#59
2-Hexanone
Concen: 278.614 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

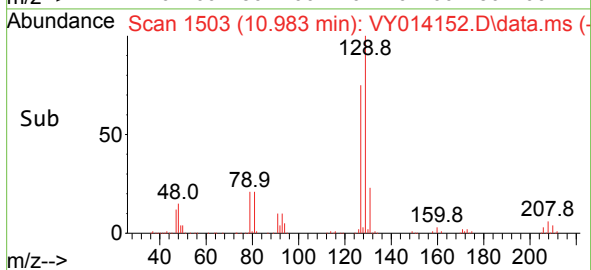
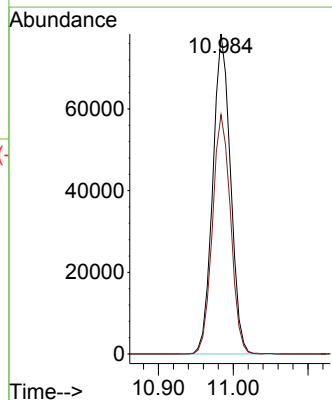
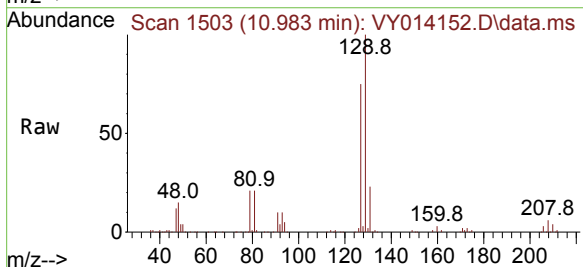
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

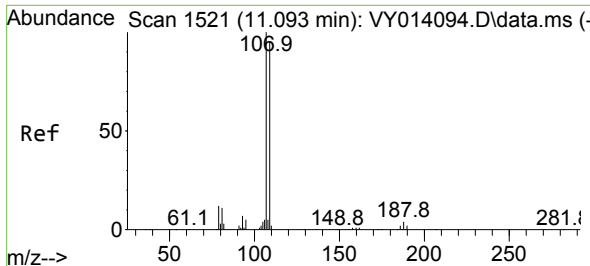
Tgt Ion: 43 Resp: 392237
Ion Ratio Lower Upper
43 100
58 49.9 25.1 75.3



#60
Dibromochloromethane
Concen: 55.114 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 129 Resp: 129053
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

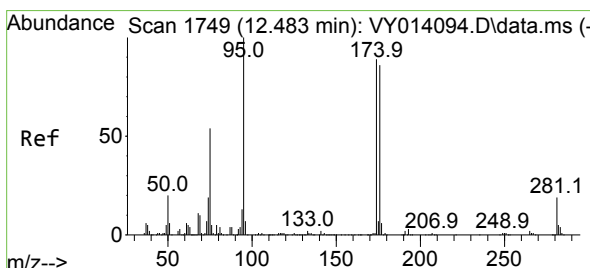
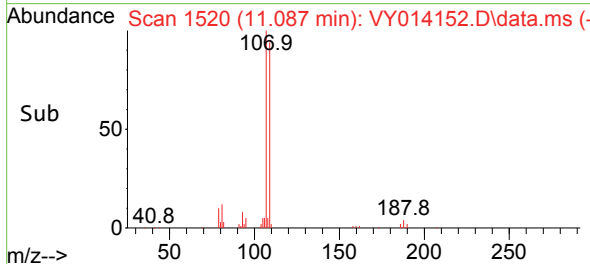
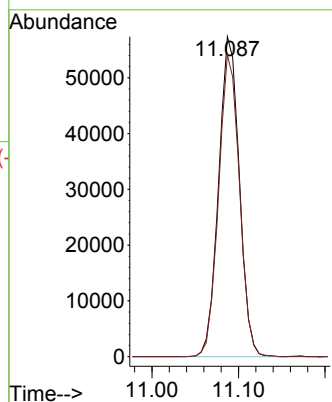
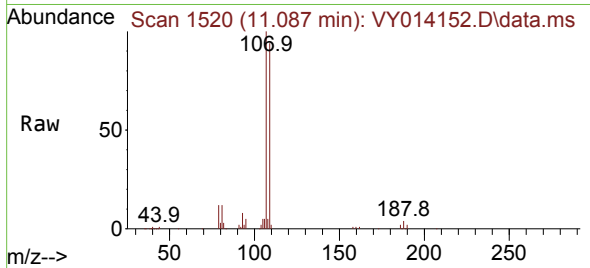




#61
1,2-Dibromoethane
Concen: 52.704 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

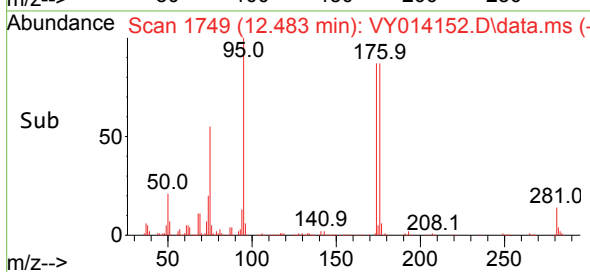
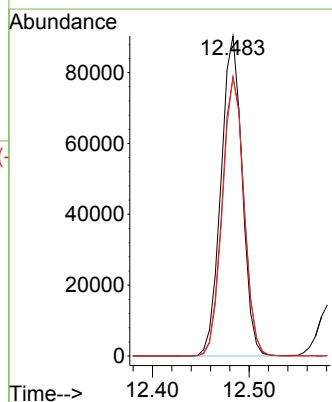
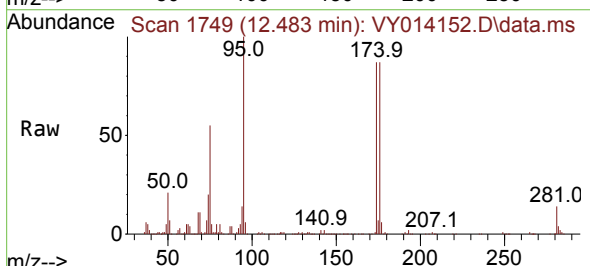
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

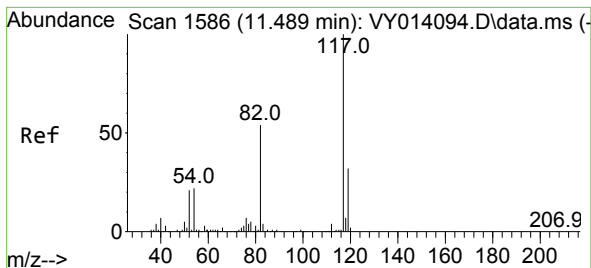
Tgt Ion:107 Resp: 95160
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 95 Resp: 137221
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.2
176 88.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

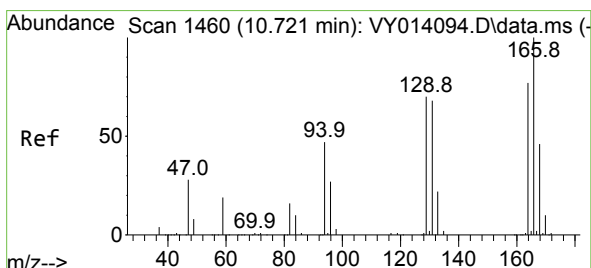
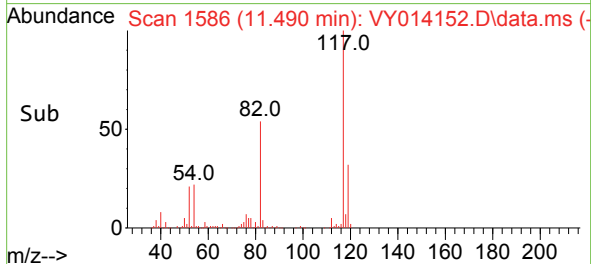
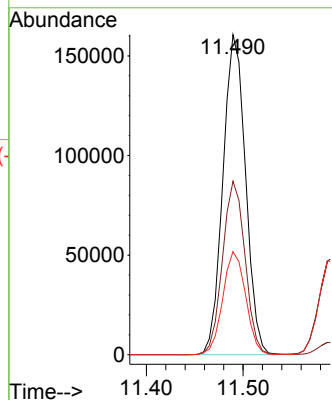
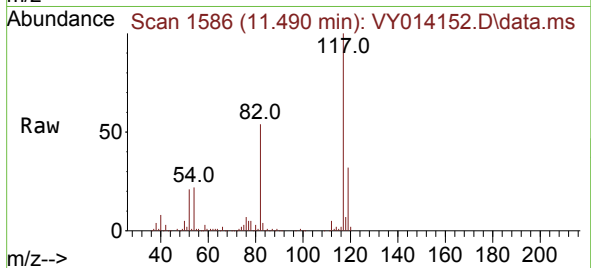
Tgt Ion:117 Resp: 260865

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 48.359 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Tgt Ion:164 Resp: 107528

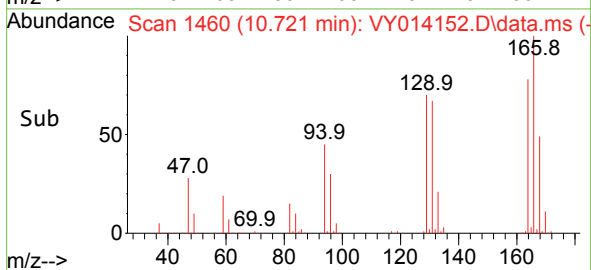
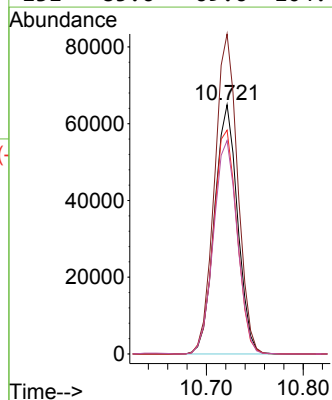
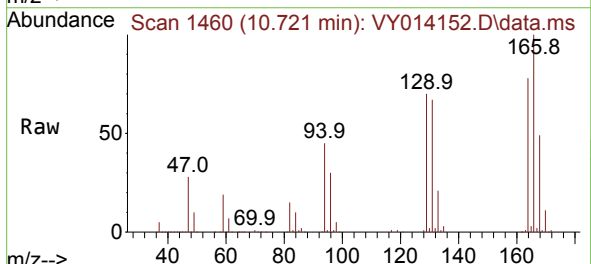
Ion Ratio Lower Upper

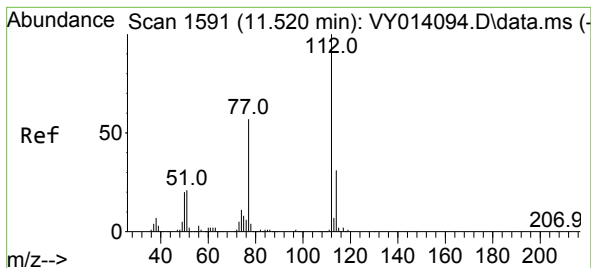
164 100

166 128.3 103.0 154.6

129 89.8 77.2 115.8

131 85.6 69.6 104.4

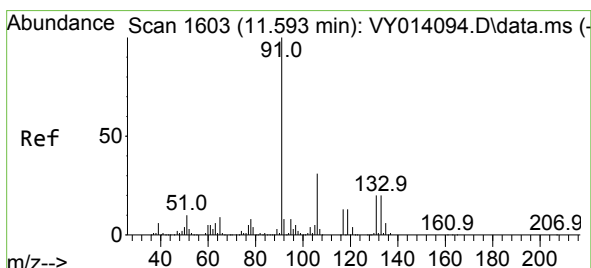
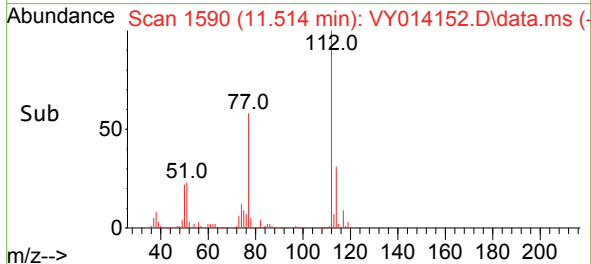
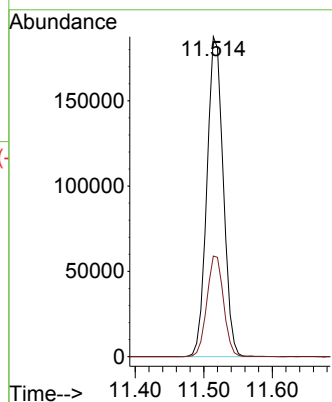
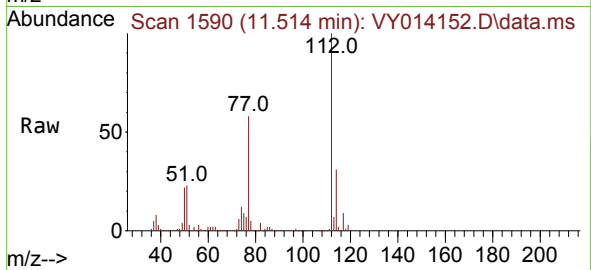




#65
Chlorobenzene
Concen: 49.515 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

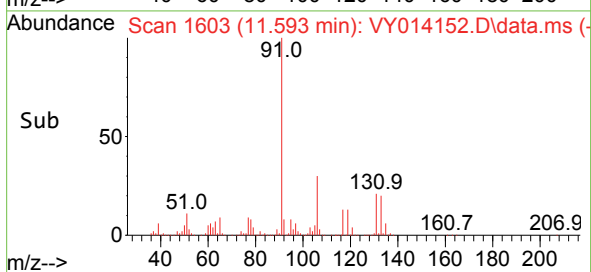
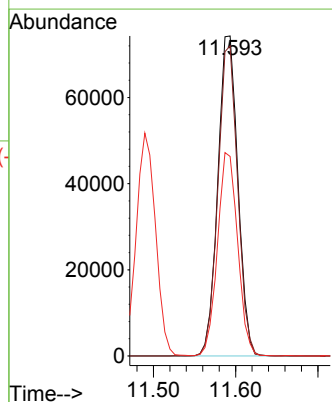
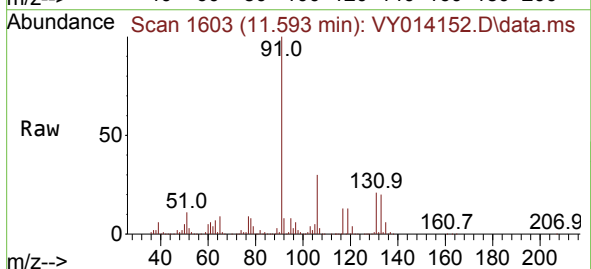
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

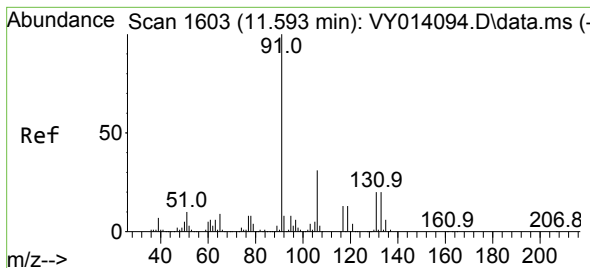
Tgt Ion:112 Resp: 310369
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.148 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion:131 Resp: 126102
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 63.9 31.6 94.7





#67

Ethyl Benzene

Concen: 49.642 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

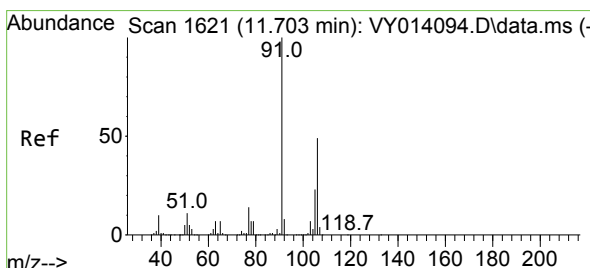
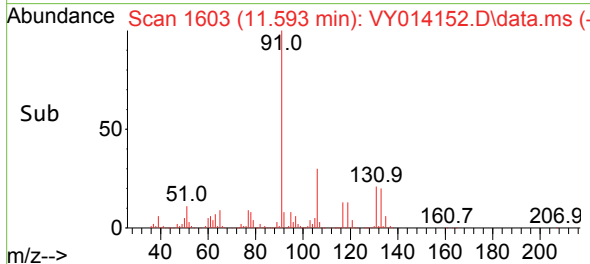
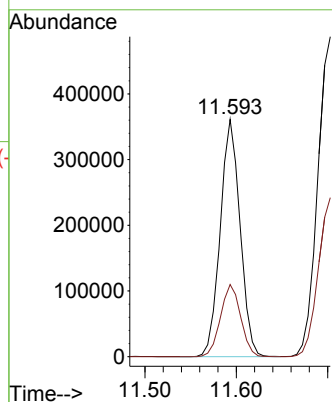
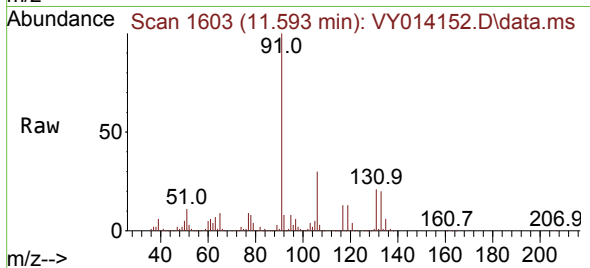
VSTDCCC050EC

Tgt Ion: 91 Resp: 544654

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 101.905 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014152.D

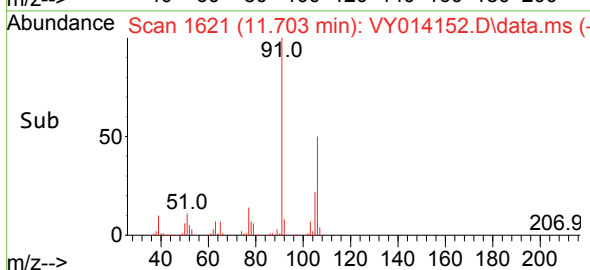
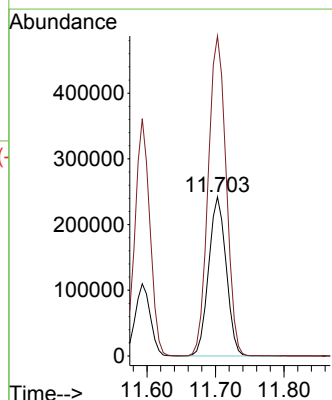
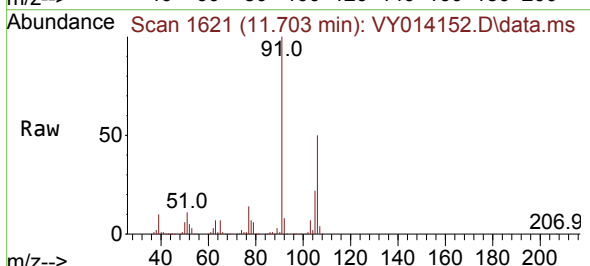
Acq: 13 Jun 2023 20:09

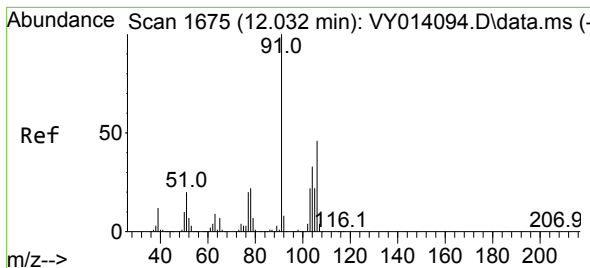
Tgt Ion: 106 Resp: 430057

Ion Ratio Lower Upper

106 100

91 205.9 166.1 249.1

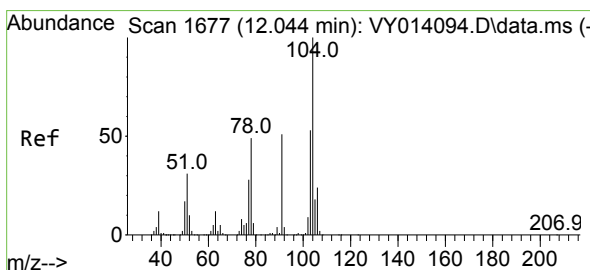
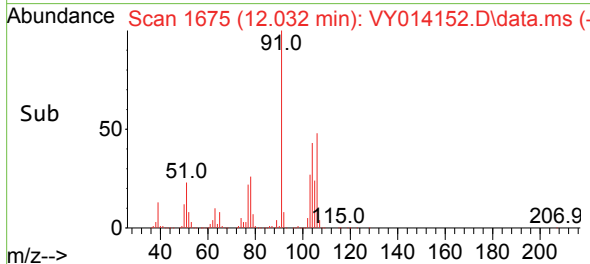
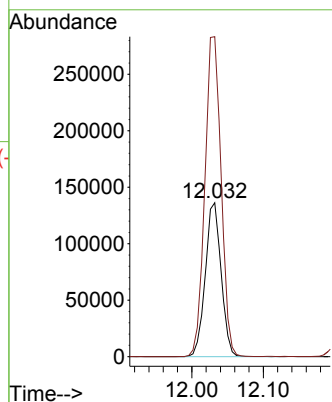
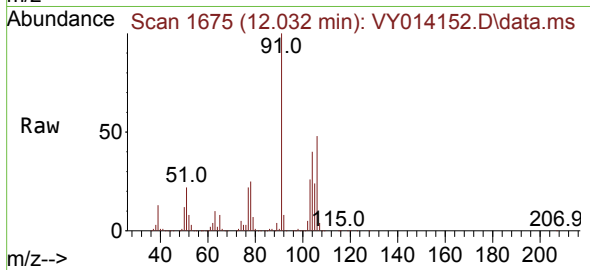




#69
o-Xylene
Concen: 52.477 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

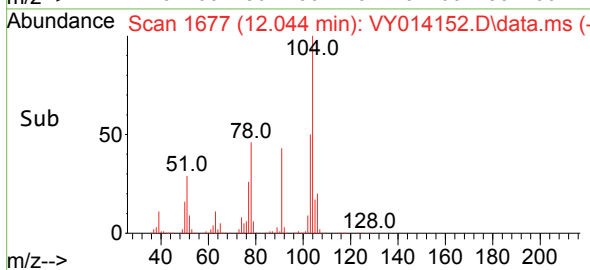
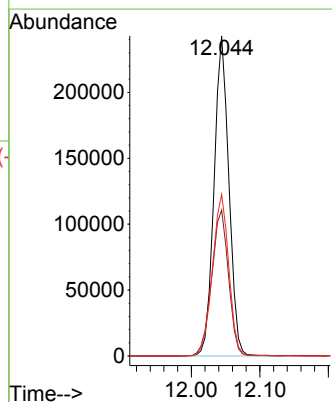
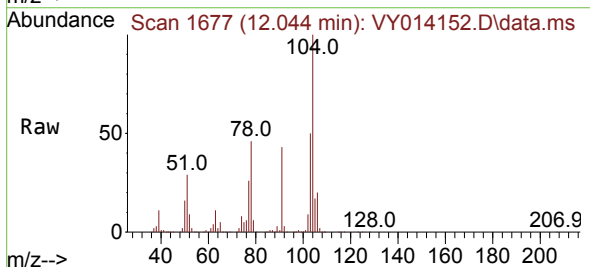
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

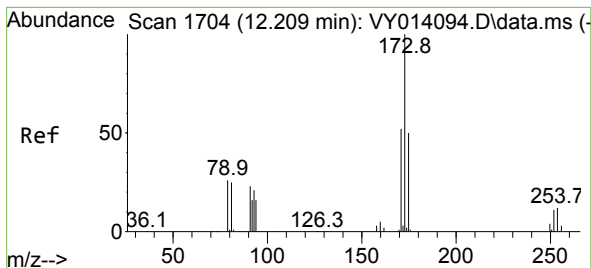
Tgt Ion:106 Resp: 209382
Ion Ratio Lower Upper
106 100
91 213.9 108.1 324.3



#70
Styrene
Concen: 53.470 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion:104 Resp: 364118
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 54.303 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

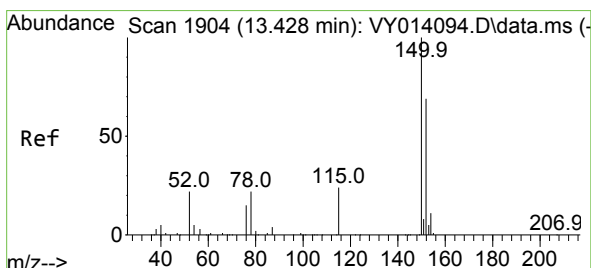
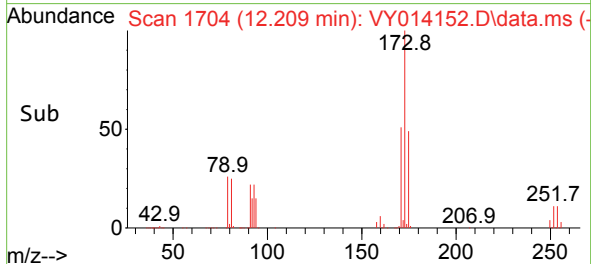
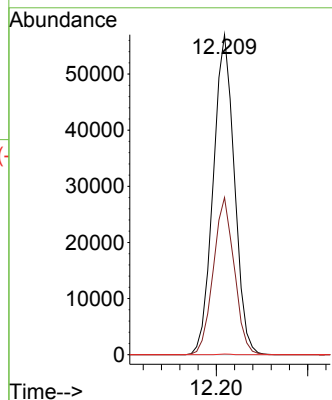
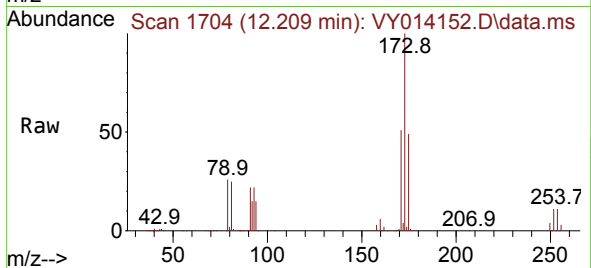
Tgt Ion:173 Resp: 91688

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

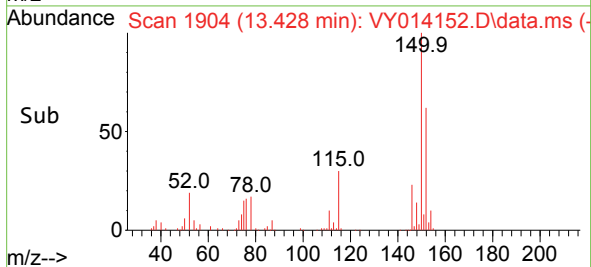
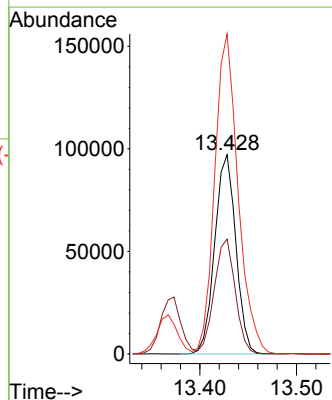
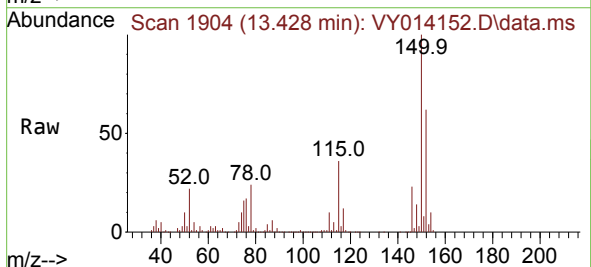
Tgt Ion:152 Resp: 147191

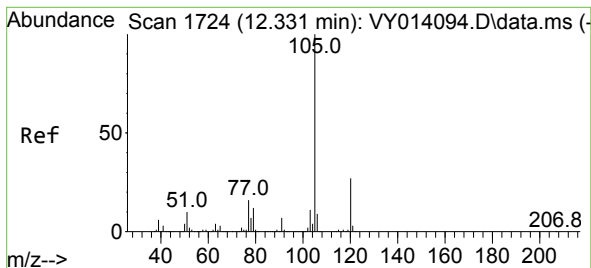
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 177.7 0.0 348.8





#73

Isopropylbenzene

Concen: 48.331 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

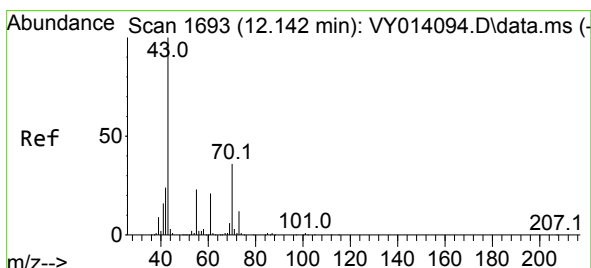
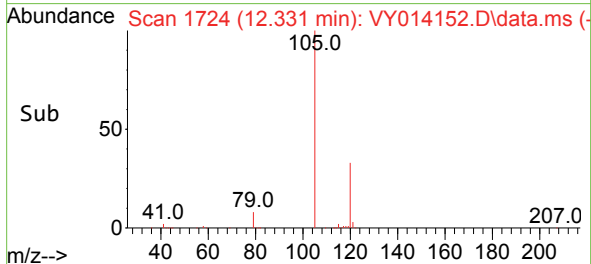
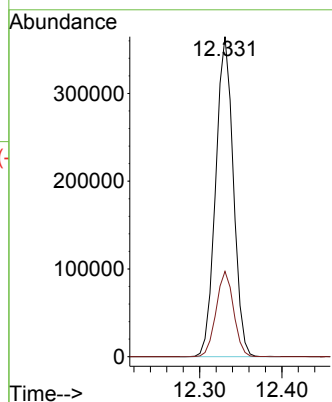
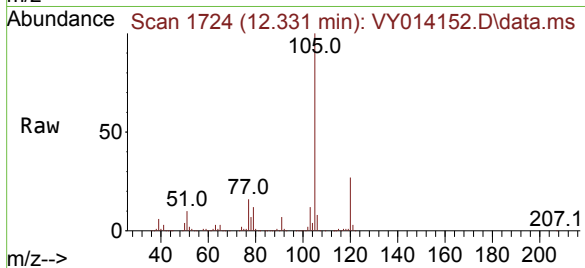
VSTDCCC050EC

Tgt Ion:105 Resp: 542694

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 52.371 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Tgt Ion: 43 Resp: 186350

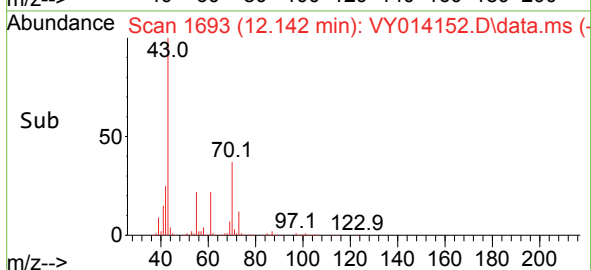
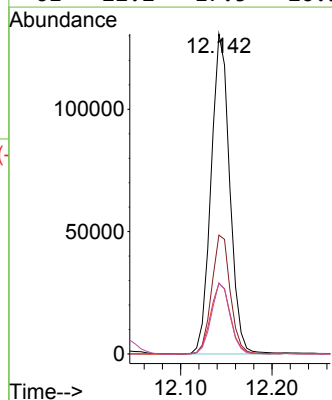
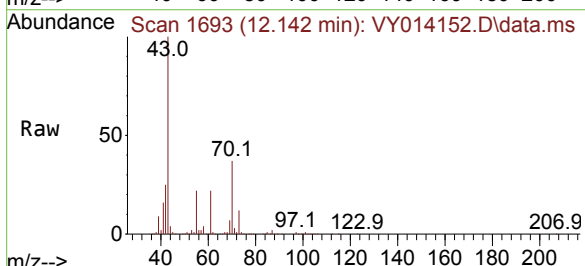
Ion Ratio Lower Upper

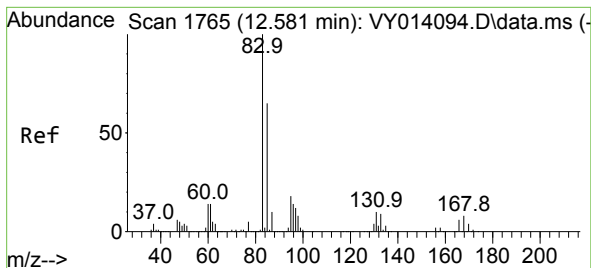
43 100

70 37.0 29.7 44.5

55 23.5 18.3 27.5

61 22.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.394 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

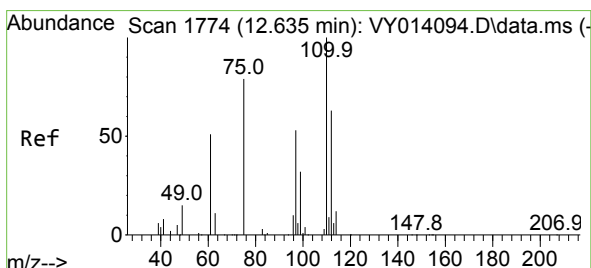
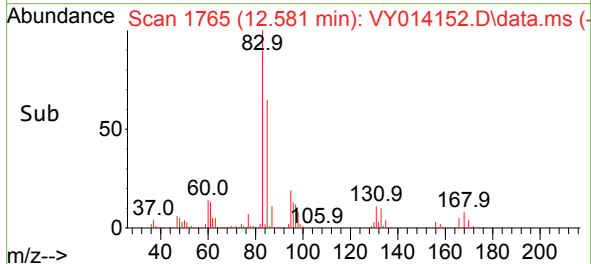
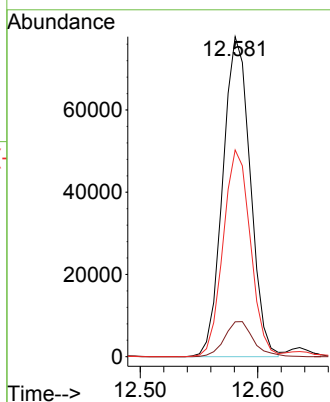
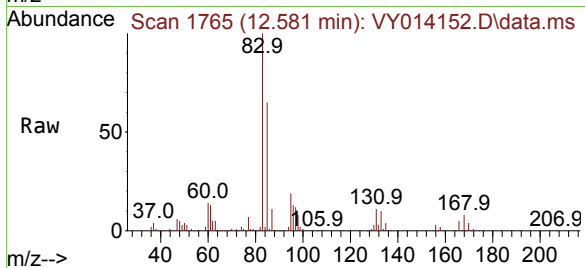
Tgt Ion: 83 Resp: 126440

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.597 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014152.D

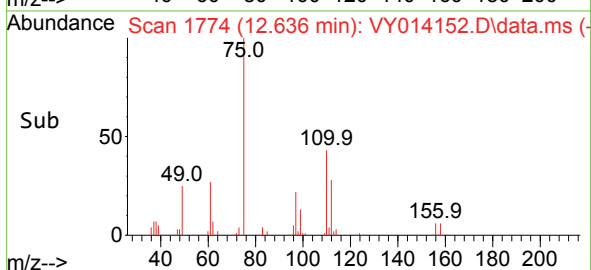
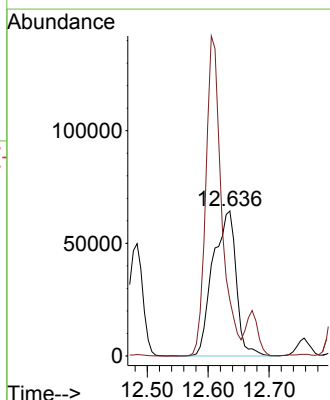
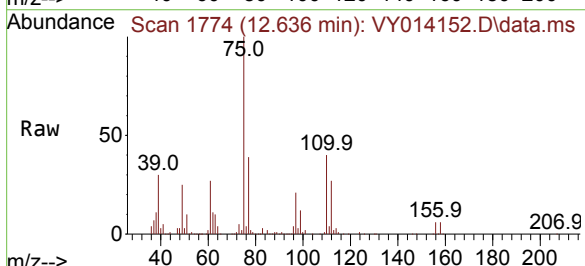
Acq: 13 Jun 2023 20:09

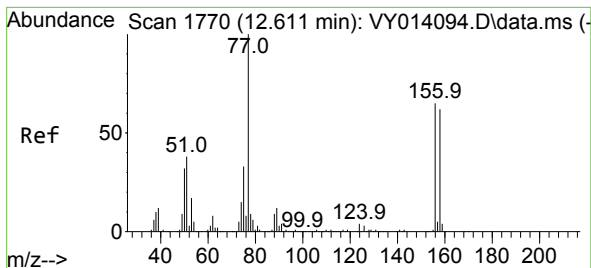
Tgt Ion: 75 Resp: 171090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.271 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

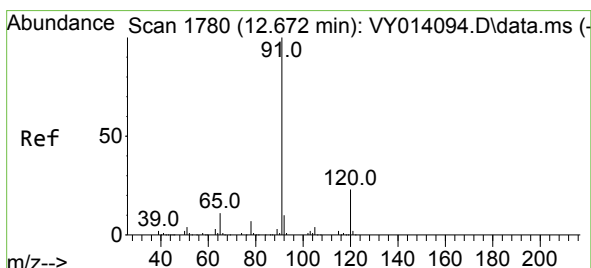
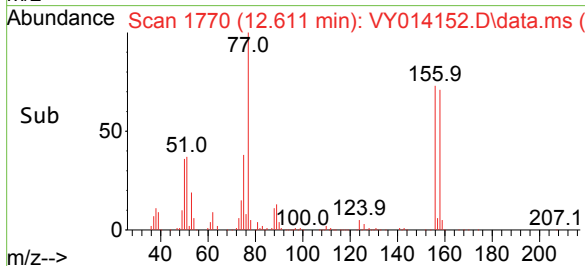
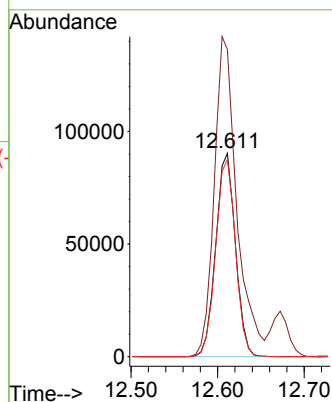
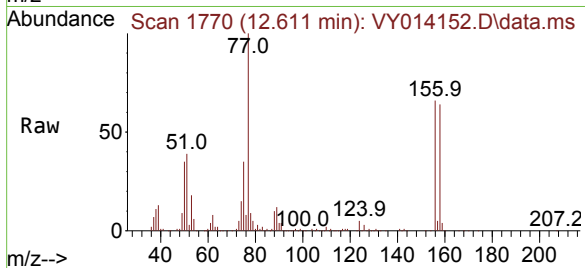
Tgt Ion:156 Resp: 142458

Ion Ratio Lower Upper

156 100

77 180.2 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 48.520 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014152.D

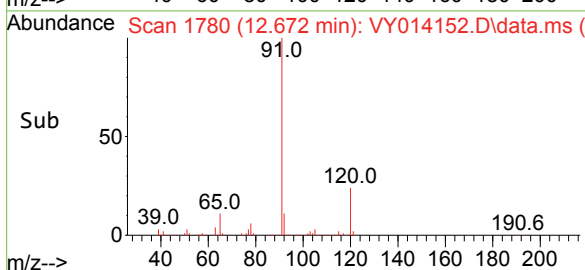
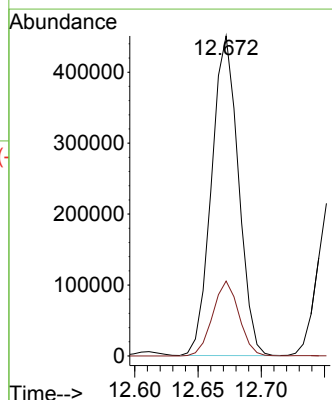
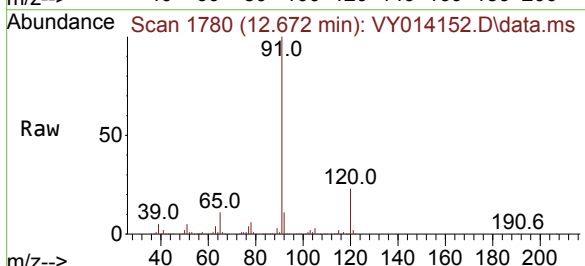
Acq: 13 Jun 2023 20:09

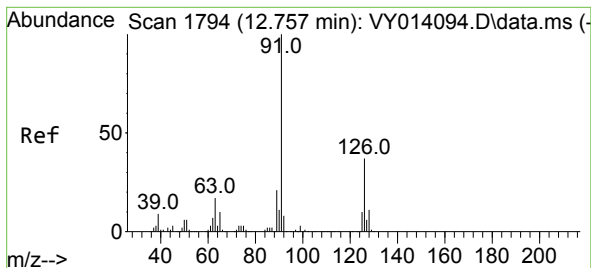
Tgt Ion: 91 Resp: 665444

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.554 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

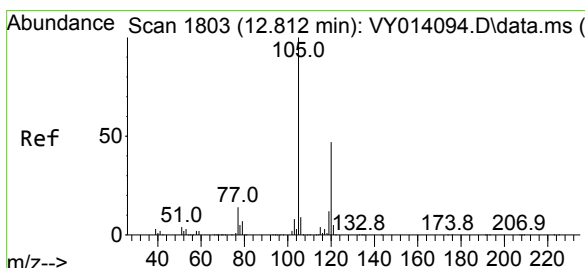
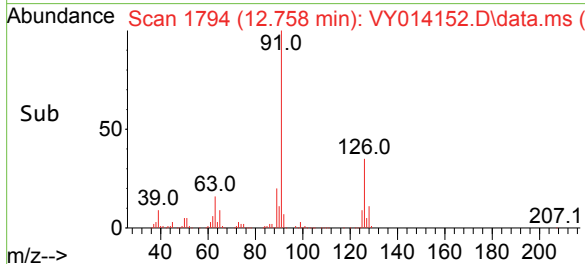
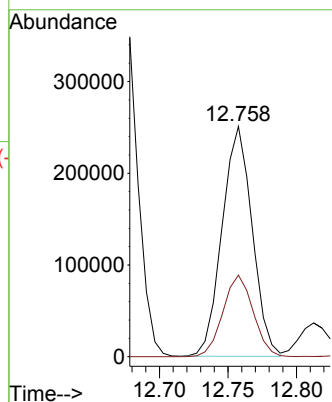
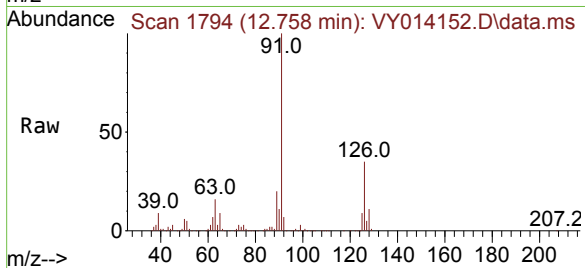
VSTDCCC050EC

Tgt Ion: 91 Resp: 383160

Ion Ratio Lower Upper

91 100

126 35.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 47.925 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014152.D

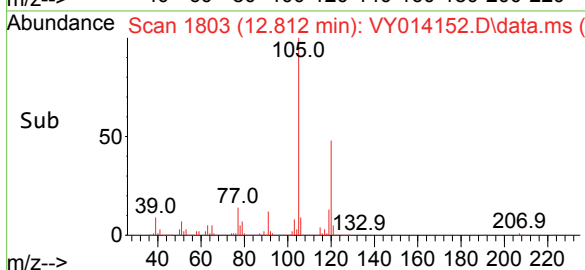
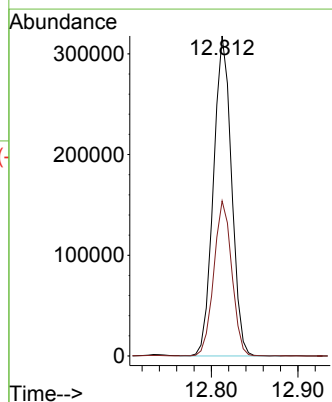
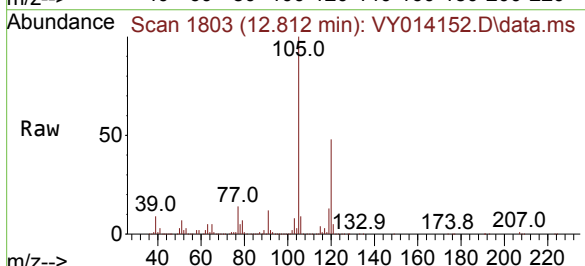
Acq: 13 Jun 2023 20:09

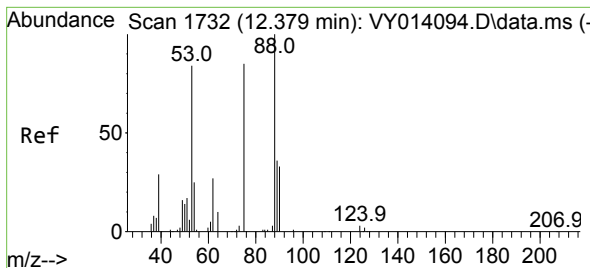
Tgt Ion:105 Resp: 460771

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

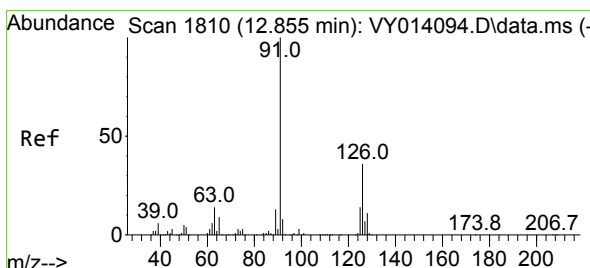
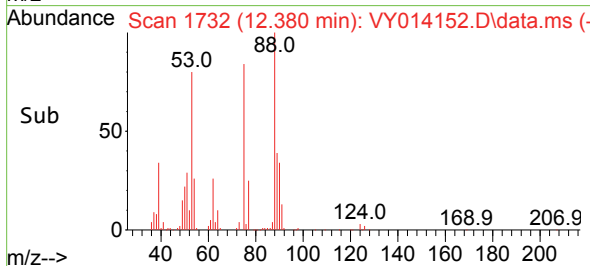
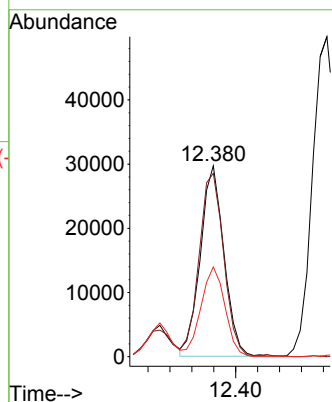
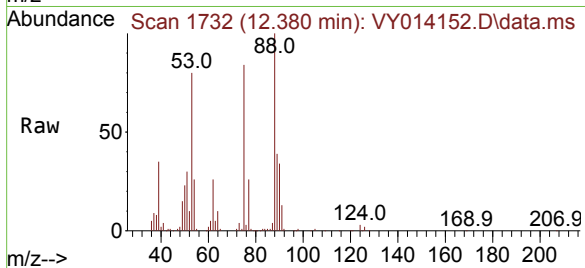




#81
trans-1,4-Dichloro-2-butene
Concen: 49.641 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

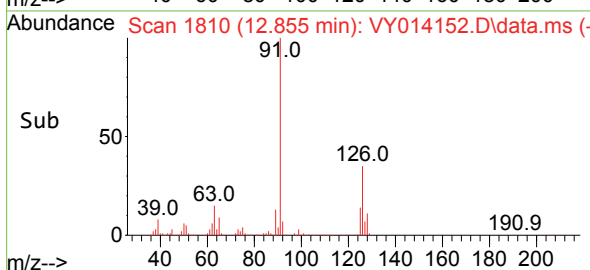
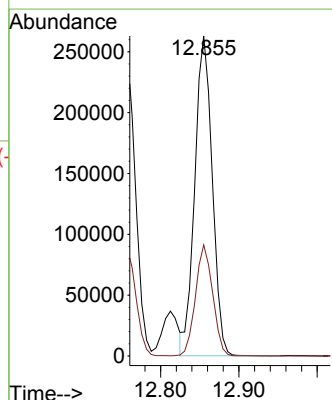
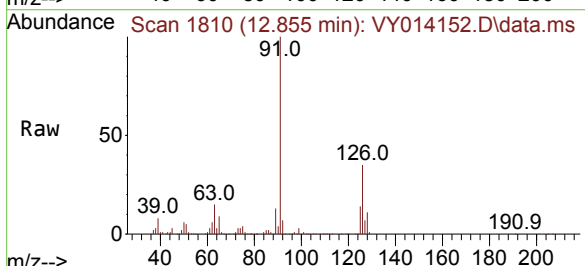
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

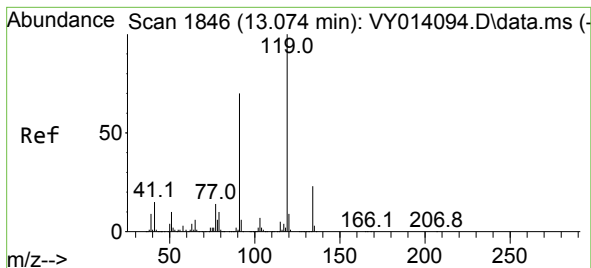
Tgt Ion: 75 Resp: 44348
Ion Ratio Lower Upper
75 100
53 99.4 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.771 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion: 91 Resp: 407854
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.894 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

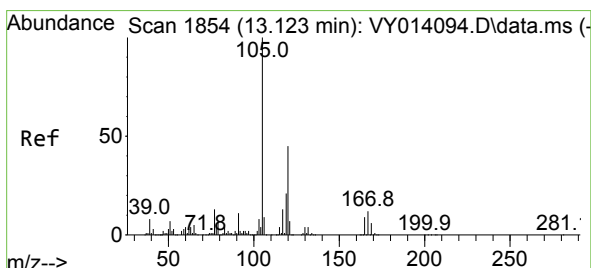
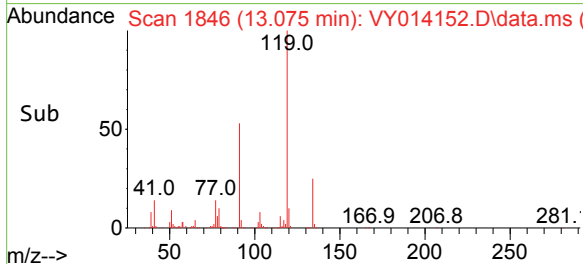
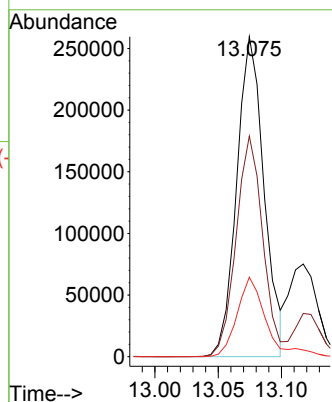
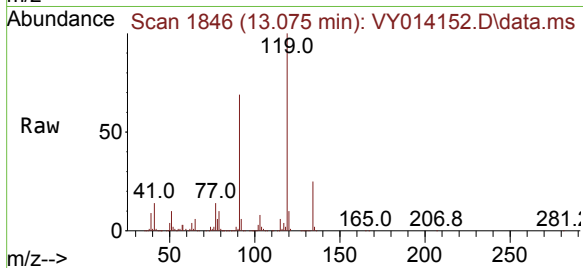
Tgt Ion:119 Resp: 391313

Ion Ratio Lower Upper

119 100

91 66.9 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.159 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014152.D

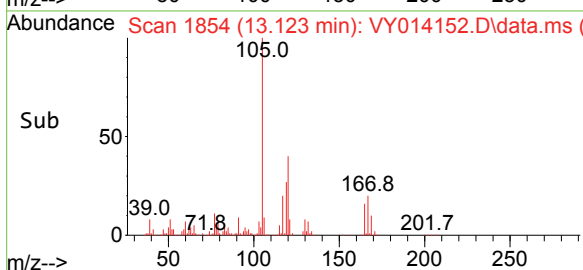
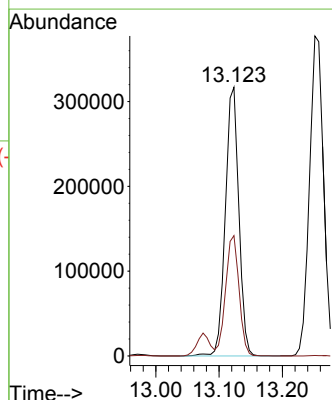
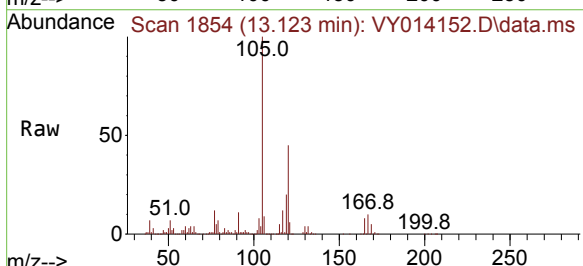
Acq: 13 Jun 2023 20:09

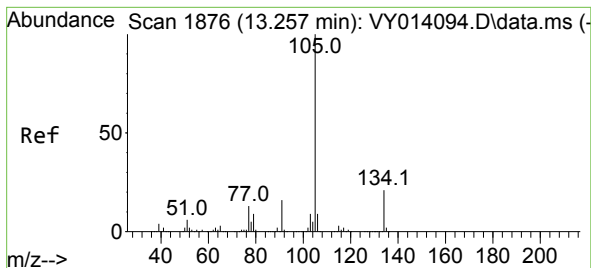
Tgt Ion:105 Resp: 467853

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.801 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

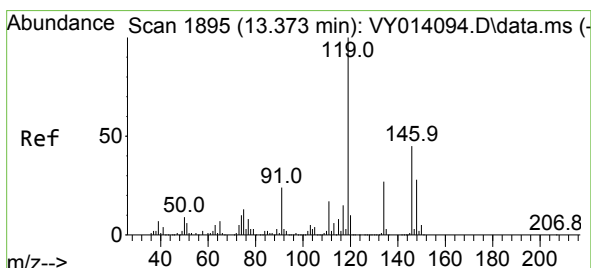
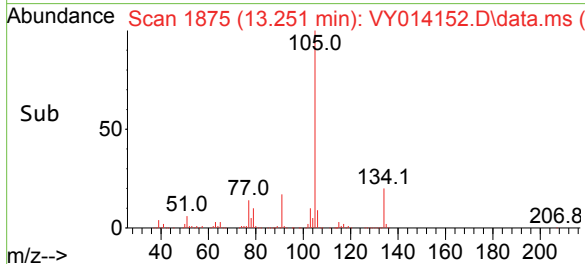
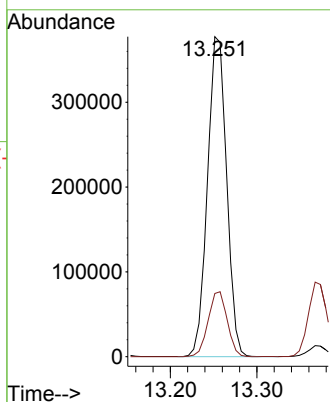
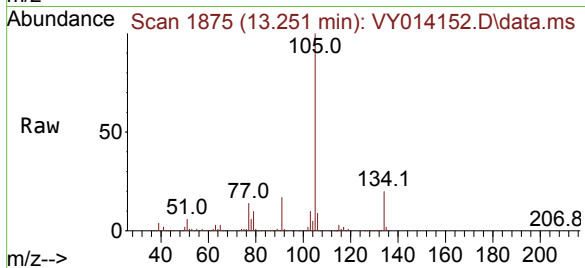
VSTDCCC050EC

Tgt Ion:105 Resp: 579689

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.550 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

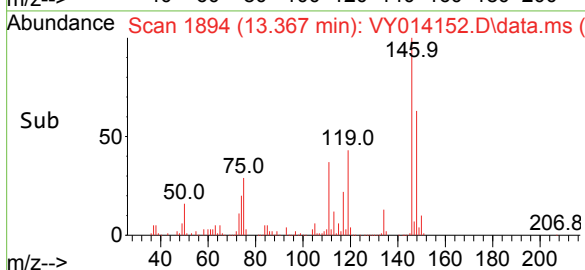
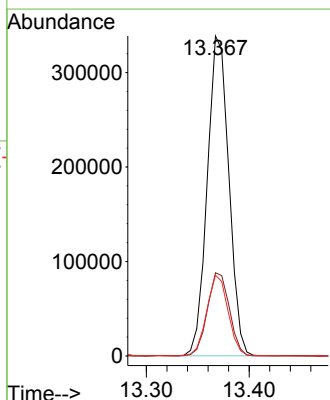
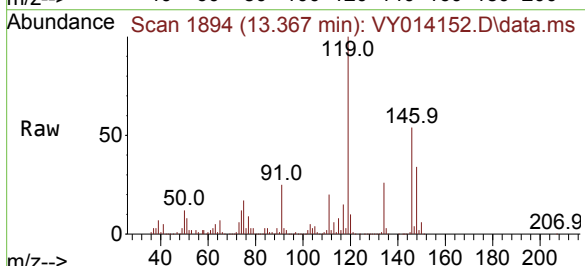
Tgt Ion:119 Resp: 493568

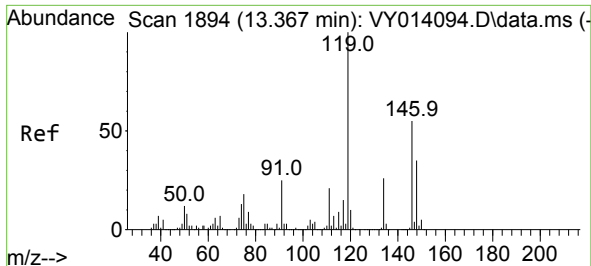
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.8 12.4 37.4

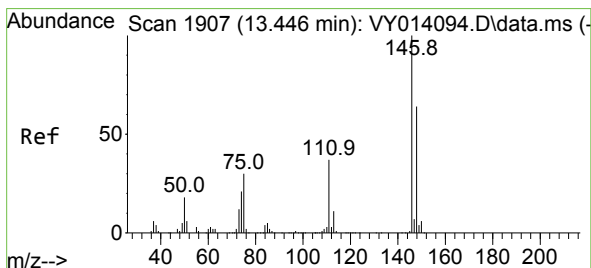
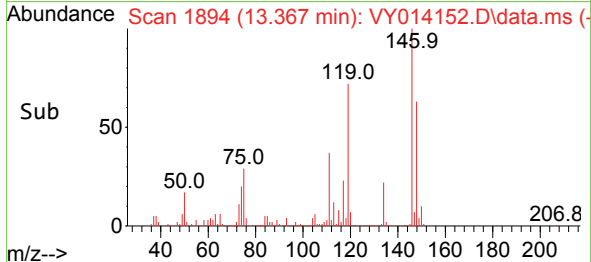
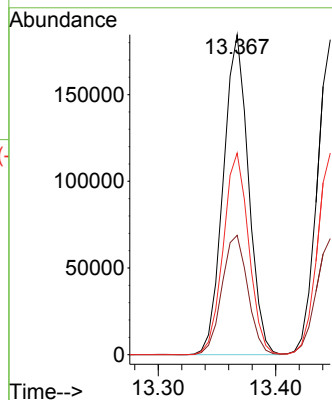
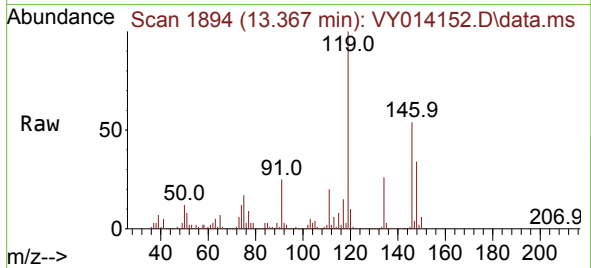




#87
1,3-Dichlorobenzene
Concen: 48.859 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

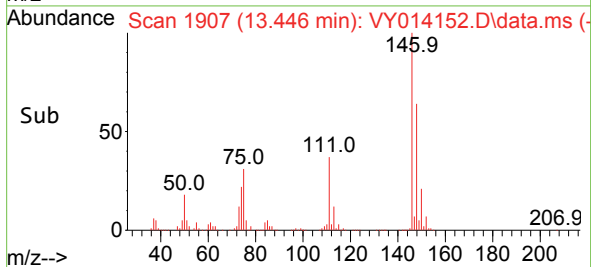
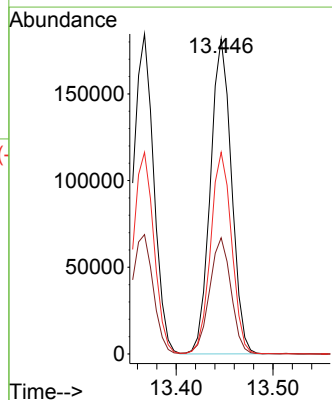
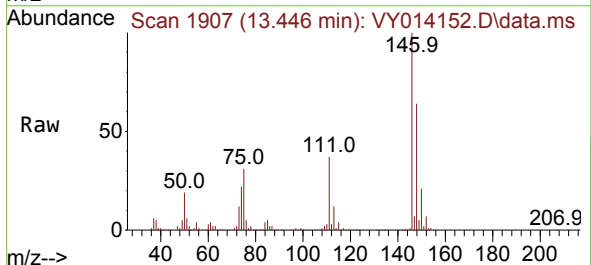
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

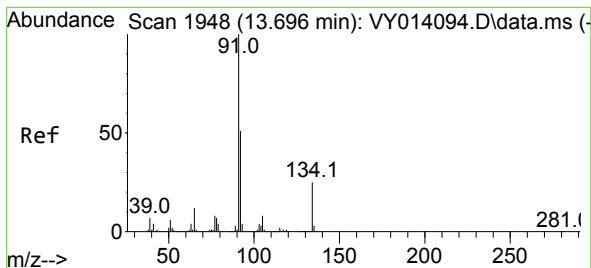
Tgt Ion:146 Resp: 275307
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.508 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014152.D
Acq: 13 Jun 2023 20:09

Tgt Ion:146 Resp: 275395
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 48.842 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

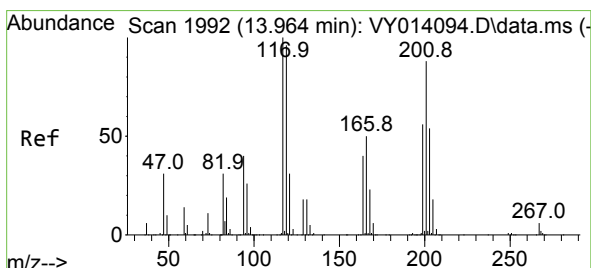
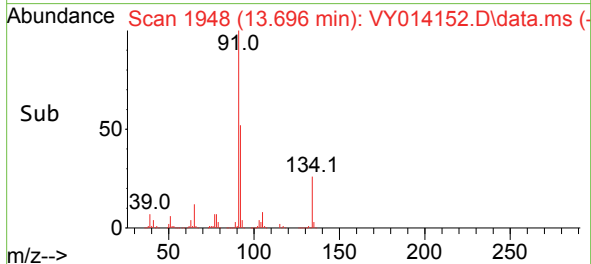
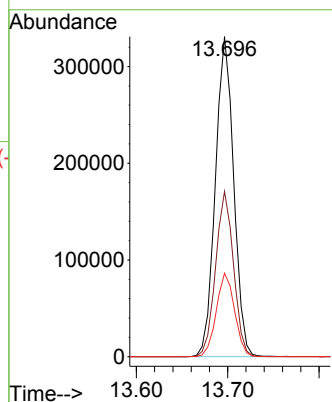
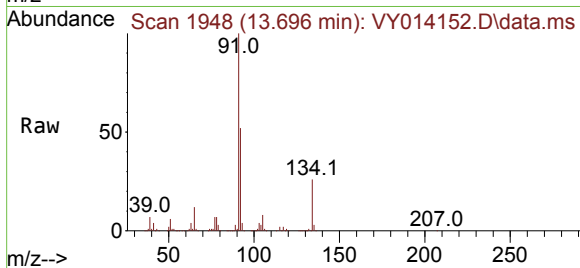
Tgt Ion: 91 Resp: 460538

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 48.414 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014152.D

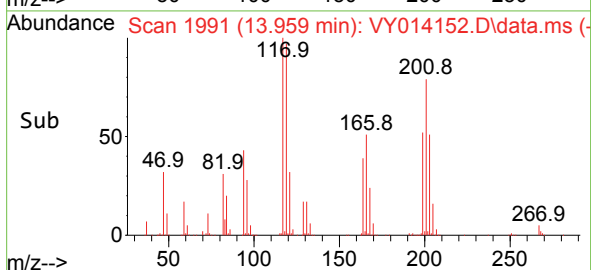
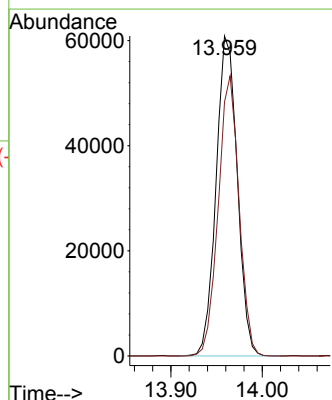
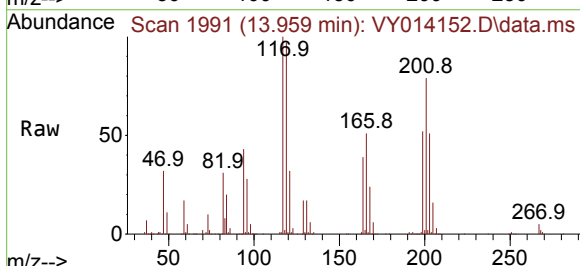
Acq: 13 Jun 2023 20:09

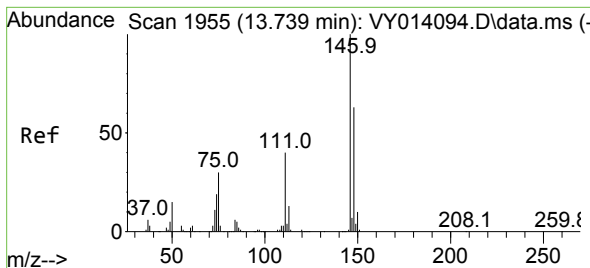
Tgt Ion: 117 Resp: 98076

Ion Ratio Lower Upper

117 100

201 85.8 41.6 124.8

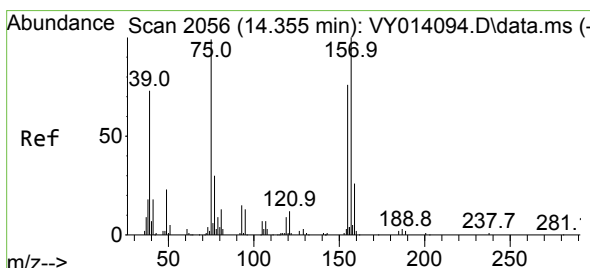
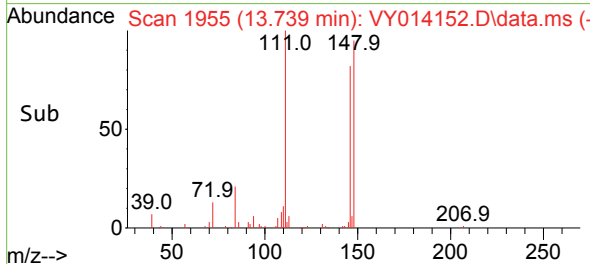
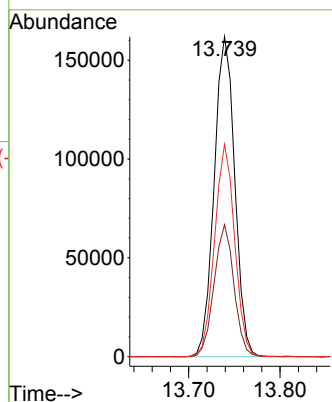
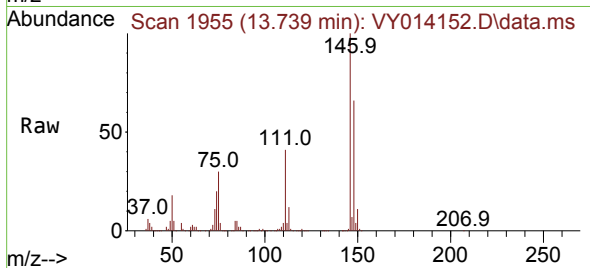




#91
 1,2-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

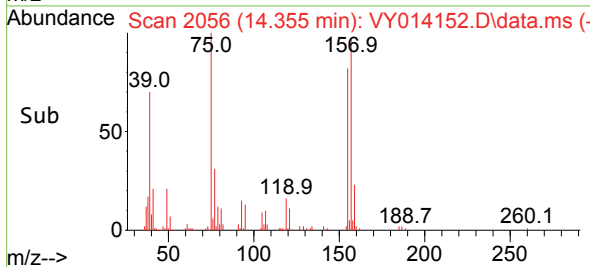
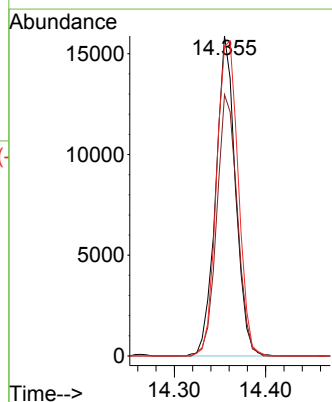
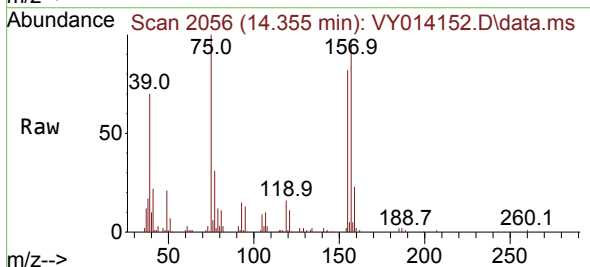
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

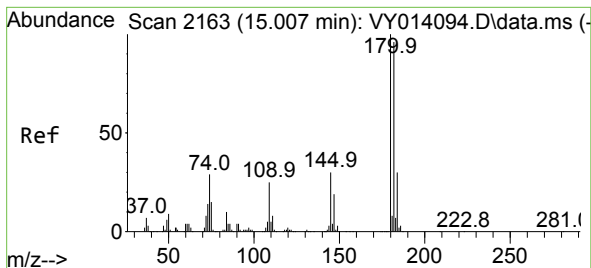
Tgt Ion:146 Resp: 253533
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.0
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.942 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014152.D
 Acq: 13 Jun 2023 20:09

Tgt Ion: 75 Resp: 23862
 Ion Ratio Lower Upper
 75 100
 155 84.8 41.5 124.6
 157 108.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.313 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

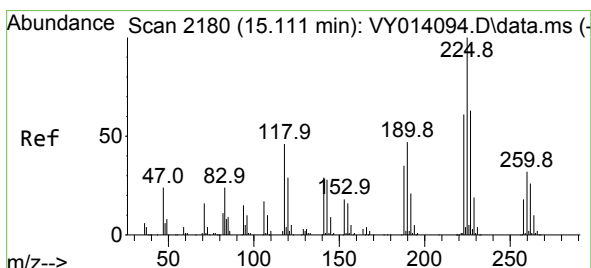
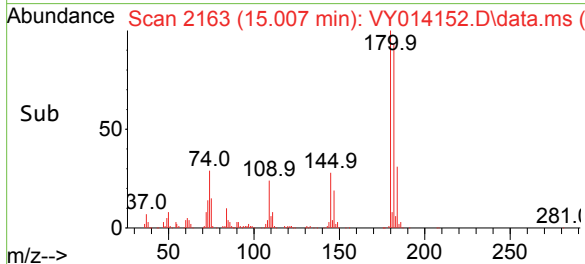
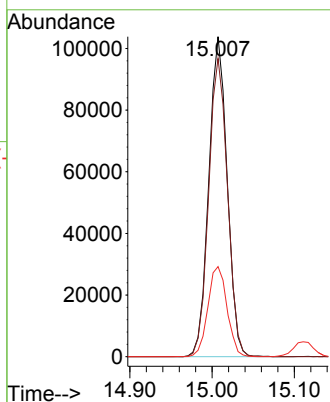
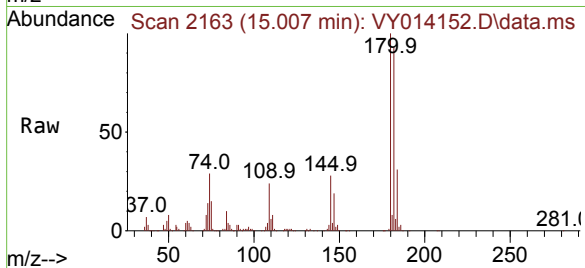
Tgt Ion:180 Resp: 161300

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.734 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

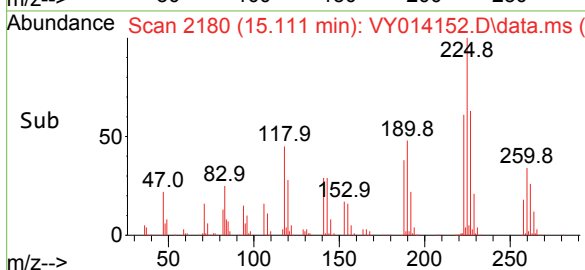
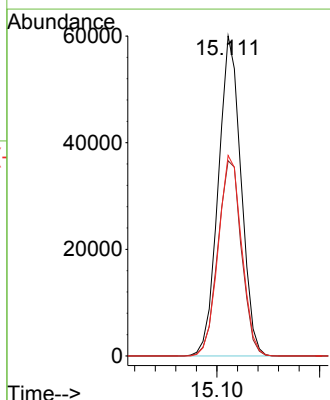
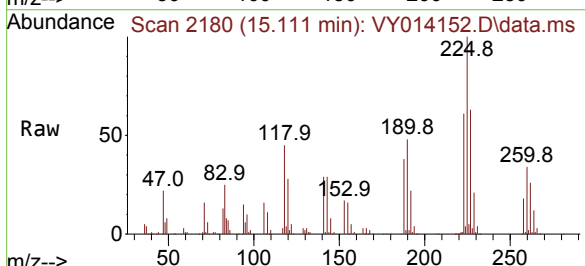
Tgt Ion:225 Resp: 92051

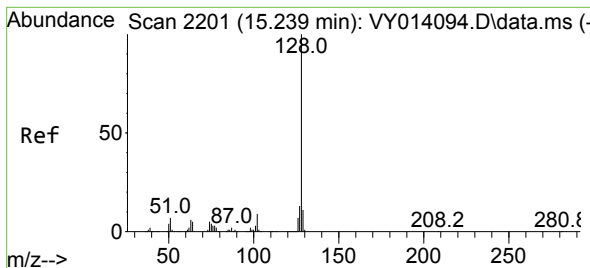
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 52.525 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

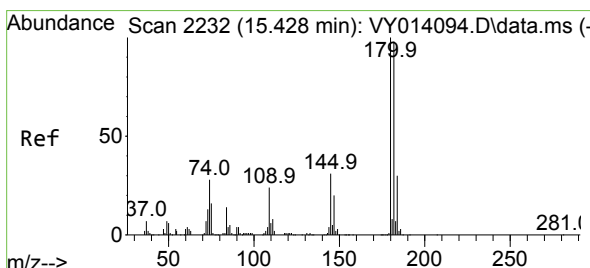
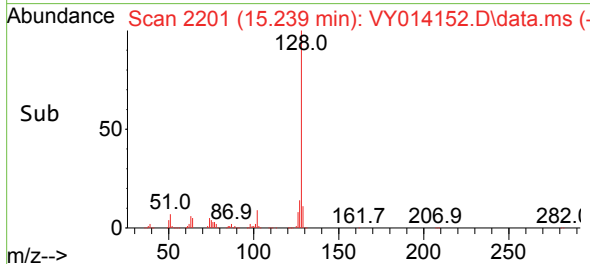
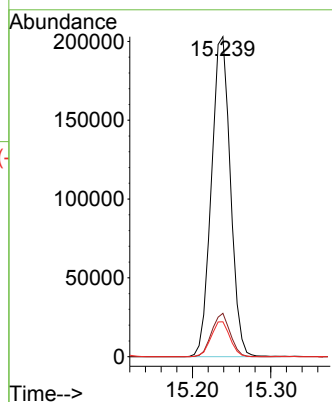
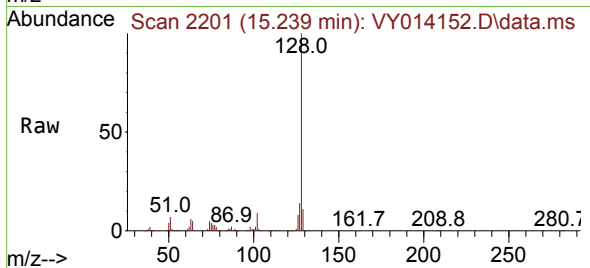
Tgt Ion:128 Resp: 341798

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.264 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014152.D

Acq: 13 Jun 2023 20:09

Tgt Ion:180 Resp: 148509

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 30.8 15.4 46.2

