

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014225.D
 Acq On : 16 Jun 2023 23:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 01:53:06 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	7.801	168	186676	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	288790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	284069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	156013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126624	48.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.728	113	112381	54.873	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.740%
50) Toluene-d8	10.185	98	368226	48.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.489	95	151319	55.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91579	44.019	ug/l	99
3) Chloromethane	2.119	50	118271	44.834	ug/l	99
4) Vinyl Chloride	2.253	62	118258	46.109	ug/l	98
5) Bromomethane	2.650	94	89663	42.371	ug/l	94
6) Chloroethane	2.796	64	79477	45.604	ug/l	98
7) Trichlorofluoromethane	3.131	101	209569	50.297	ug/l	99
8) Diethyl Ether	3.540	74	71499	51.391	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	109625	52.132	ug/l	98
10) Methyl Iodide	4.100	142	139713	50.316	ug/l	98
11) Tert butyl alcohol	4.972	59	69075	227.705	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	104781	49.160	ug/l	97
13) Acrolein	3.741	56	28670	236.530	ug/l	98
14) Allyl chloride	4.491	41	192029	49.703	ug/l	99
15) Acrylonitrile	5.173	53	199041	277.361	ug/l	99
16) Acetone	3.954	43	174982	223.314	ug/l	98
17) Carbon Disulfide	4.204	76	333013	48.215	ug/l	99
18) Methyl Acetate	4.485	43	168821	55.507	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	330363	52.553	ug/l	97
20) Methylene Chloride	4.728	84	164944	67.167	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	119088	50.094	ug/l	98
22) Diisopropyl ether	6.131	45	401890	54.329	ug/l	96
23) Vinyl Acetate	6.070	43	1185238	271.559	ug/l	100
24) 1,1-Dichloroethane	6.033	63	223035	52.293	ug/l	98
25) 2-Butanone	6.996	43	268714	278.593	ug/l	100
26) 2,2-Dichloropropane	6.996	77	188084	46.952	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	139684	52.525	ug/l	99
28) Bromochloromethane	7.344	49	84601	48.777	ug/l	96
29) Tetrahydrofuran	7.362	42	179403	293.322	ug/l	99
30) Chloroform	7.515	83	245887	54.342	ug/l	94
31) Cyclohexane	7.795	56	178288	51.198	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	212396	52.045	ug/l	99
36) 1,1-Dichloropropene	7.929	75	166972	52.295	ug/l	99
37) Ethyl Acetate	7.088	43	119676	54.323	ug/l	99
38) Carbon Tetrachloride	7.911	117	195471	53.051	ug/l	99
39) Methylcyclohexane	9.191	83	186187	52.557	ug/l	98
40) Benzene	8.173	78	510046	53.720	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	171791	152.793	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	183113	54.539	ug/l	100
43) Isopropyl Acetate	8.283	43	214164	55.465	ug/l	98
44) Trichloroethene	8.947	130	134833	53.153	ug/l	99
45) 1,2-Dichloropropane	9.228	63	130240	54.006	ug/l	95
46) Dibromomethane	9.313	93	82732	55.732	ug/l	98
47) Bromodichloromethane	9.502	83	190274	54.743	ug/l	99
48) Methyl methacrylate	9.301	41	102409	56.864	ug/l	98
49) 1,4-Dioxane	9.301	88	22628	1199.634	ug/l #	53
51) 4-Methyl-2-Pentanone	10.075	43	615816	293.556	ug/l	100
52) Toluene	10.252	92	320489	54.453	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	195327	53.382	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	211610	53.006	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	111495	56.626	ug/l	96
56) Ethyl methacrylate	10.514	69	150557	55.437	ug/l	100
57) 1,3-Dichloropropane	10.794	76	184212	54.703	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	327809	267.822	ug/l	99
59) 2-Hexanone	10.837	43	440175	290.518	ug/l	100
60) Dibromochloromethane	10.989	129	141397	56.108	ug/l	99
61) 1,2-Dibromoethane	11.093	107	106957	55.042	ug/l	99
64) Tetrachloroethene	10.727	164	143864	59.416	ug/l	97
65) Chlorobenzene	11.520	112	345608	50.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	139004	51.776	ug/l	99
67) Ethyl Benzene	11.599	91	625800	52.378	ug/l	99
68) m/p-Xylenes	11.709	106	485882	105.728	ug/l	99
69) o-Xylene	12.032	106	232374	53.483	ug/l	100
70) Styrene	12.050	104	402090	54.223	ug/l	100
71) Bromoform	12.215	173	97914	53.254	ug/l	99
73) Isopropylbenzene	12.337	105	604450	50.787	ug/l	100
74) N-amyl acetate	12.148	43	197194	52.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	134432	50.550	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	181400	88.624	ug/l #	100
77) Bromobenzene	12.611	156	157612	50.386	ug/l	97
78) n-propylbenzene	12.678	91	745642	51.293	ug/l	100
79) 2-Chlorotoluene	12.764	91	425673	50.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	525733	51.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	44573	47.072	ug/l	97
82) 4-Chlorotoluene	12.861	91	449119	50.669	ug/l	100
83) tert-Butylbenzene	13.081	119	437156	50.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	525331	52.077	ug/l	100
85) sec-Butylbenzene	13.257	105	645907	51.301	ug/l	100
86) p-Isopropyltoluene	13.373	119	544757	50.555	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	297894	49.878	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	303733	50.475	ug/l	99
89) n-Butylbenzene	13.702	91	513129	51.342	ug/l	100
90) Hexachloroethane	13.965	117	110171	51.310	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	275382	51.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26115	51.567	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	170572	50.196	ug/l	99
94) Hexachlorobutadiene	15.117	225	99901	50.923	ug/l	98
95) Naphthalene	15.245	128	359552	52.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	155963	50.793	ug/l	99

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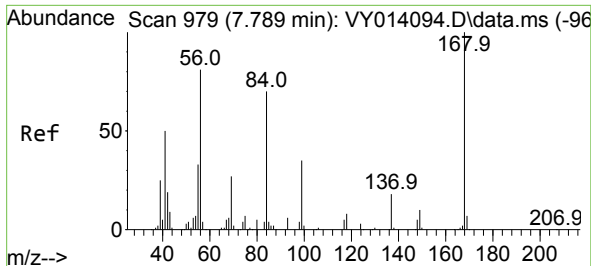
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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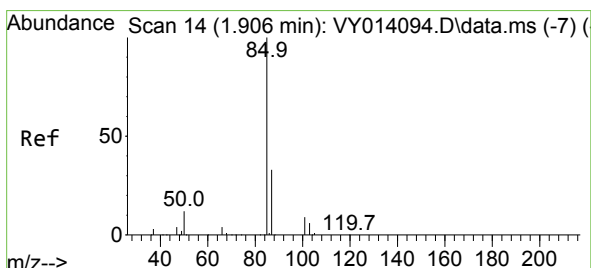
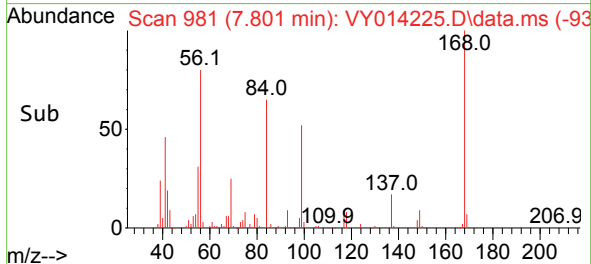
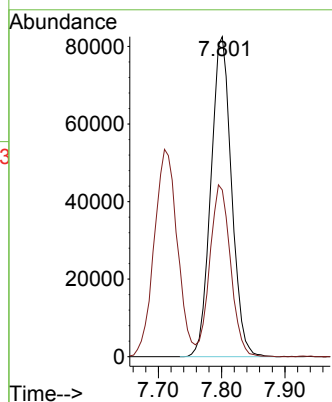
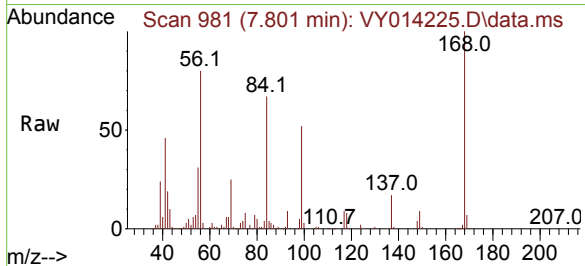




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014225.D
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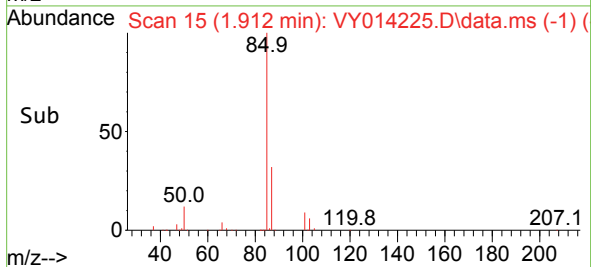
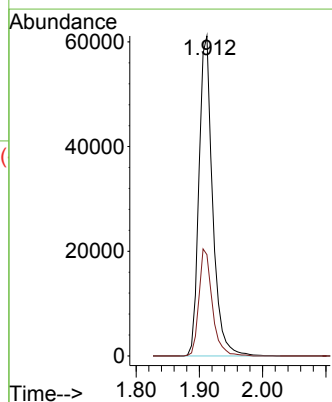
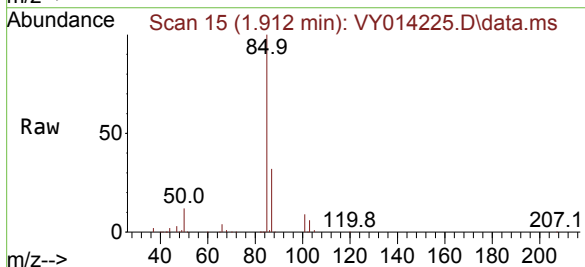
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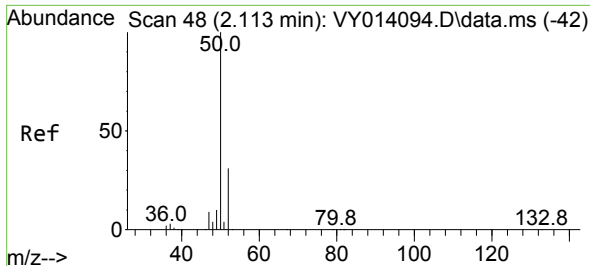
Tgt Ion:168 Resp: 186676
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.019 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 85 Resp: 91579
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

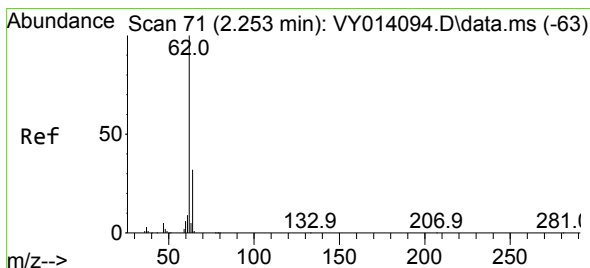
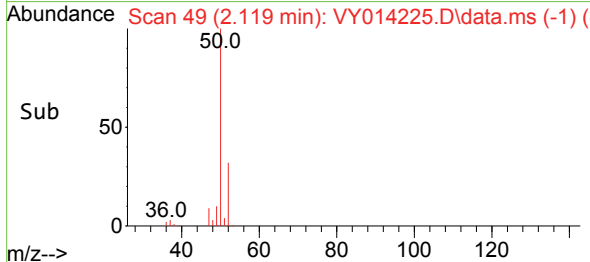
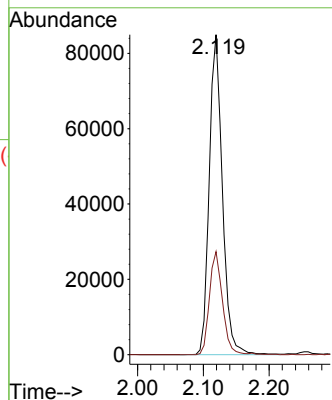
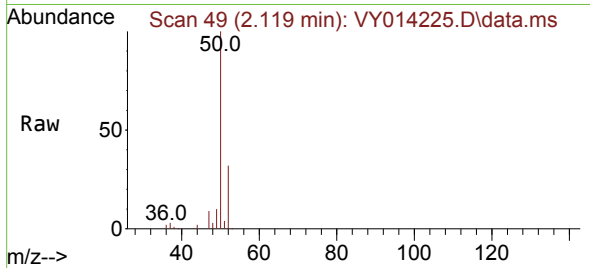




#3
Chloromethane
Concen: 44.834 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

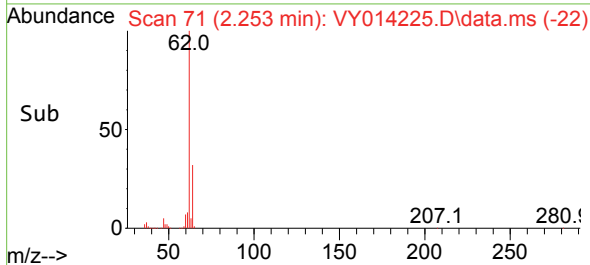
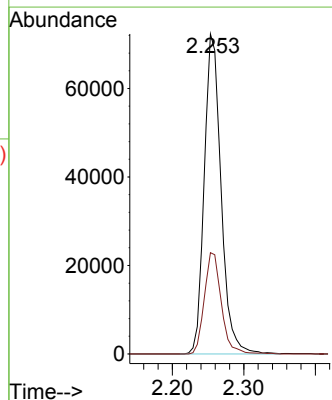
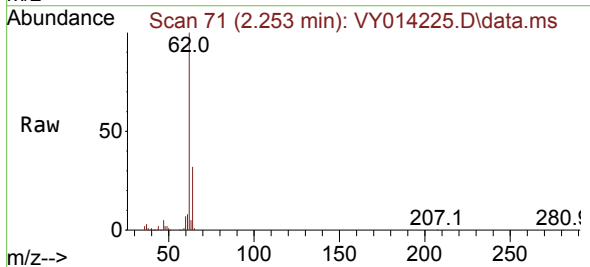
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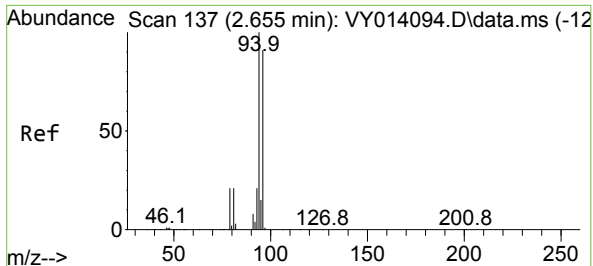
Tgt Ion: 50 Resp: 118271
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 46.109 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 62 Resp: 118258
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

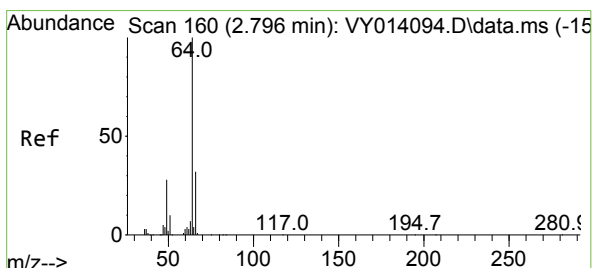
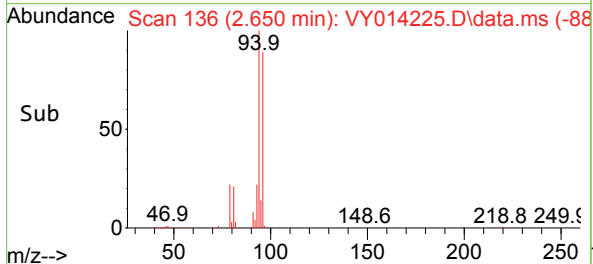
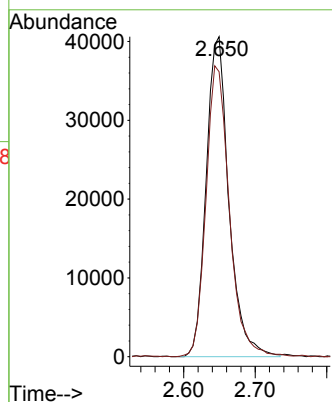
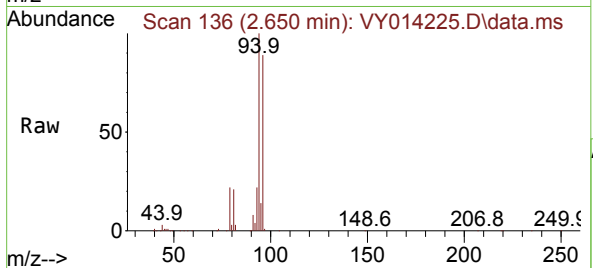




#5
Bromomethane
Concen: 42.371 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

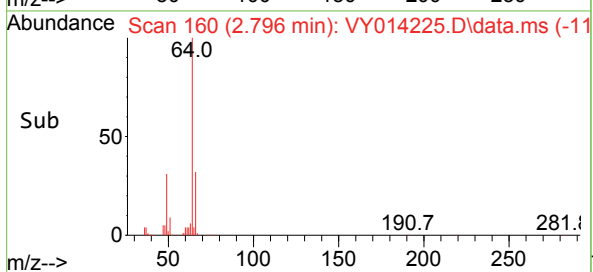
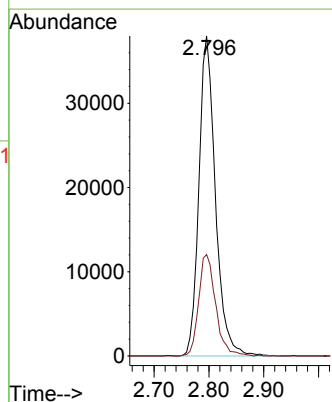
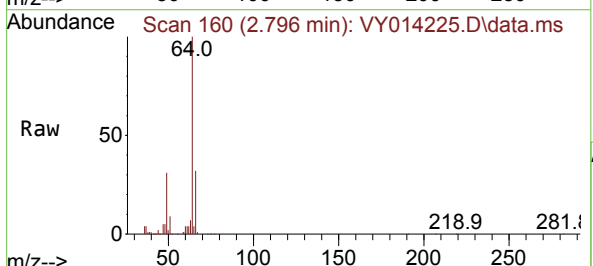
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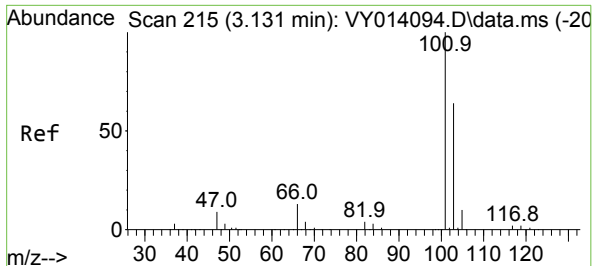
Tgt Ion: 94 Resp: 89663
Ion Ratio Lower Upper
94 100
96 88.9 75.8 113.6



#6
Chloroethane
Concen: 45.604 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 64 Resp: 79477
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

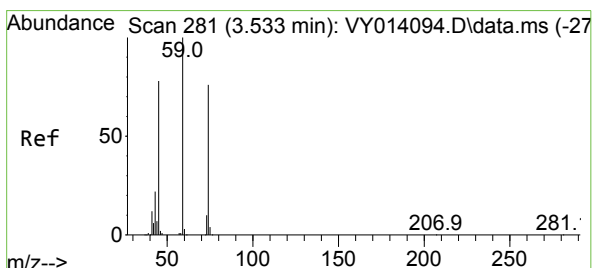
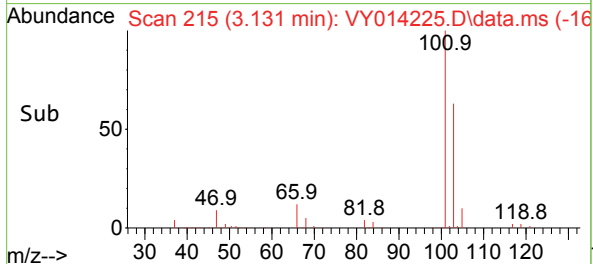
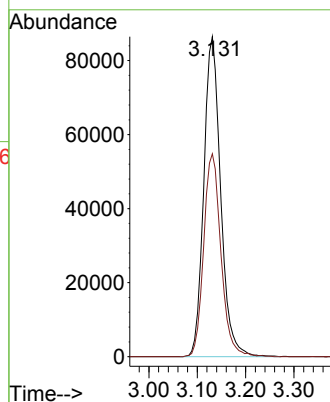
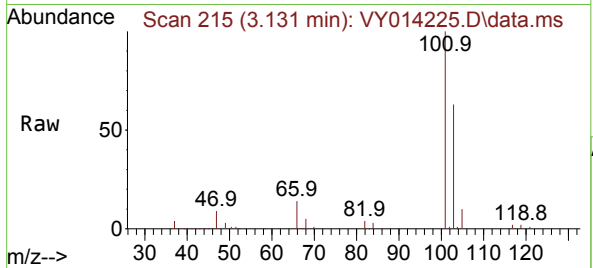




#7
 Trichlorofluoromethane
 Concen: 50.297 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

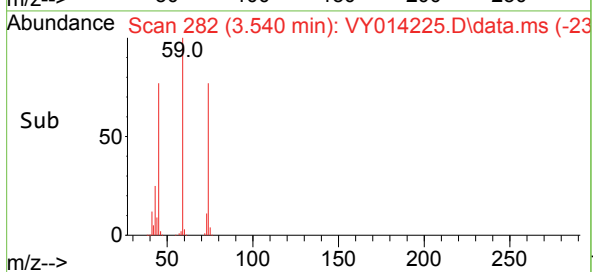
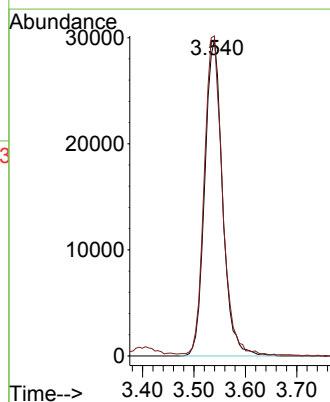
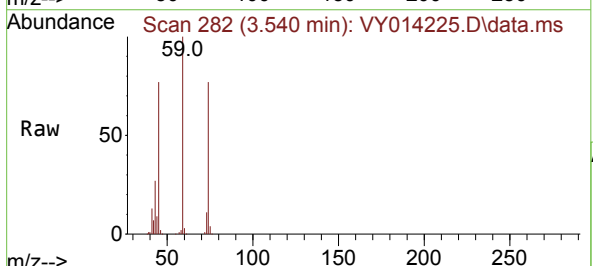
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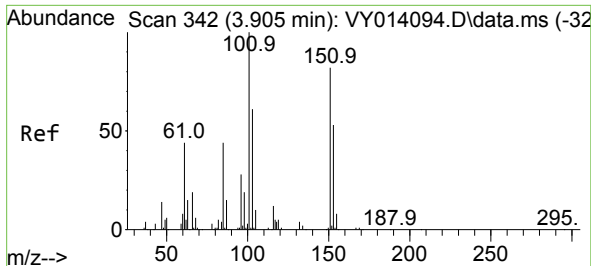
Tgt Ion:101 Resp: 209569
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.391 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.007 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

Tgt Ion: 74 Resp: 71499
 Ion Ratio Lower Upper
 74 100
 45 102.8 51.5 154.5

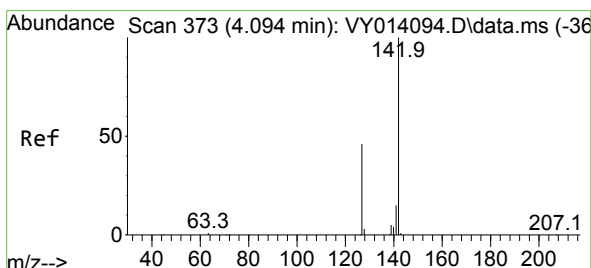
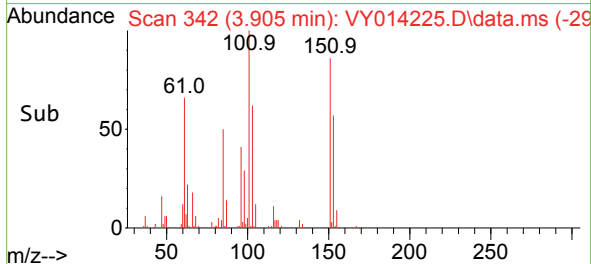
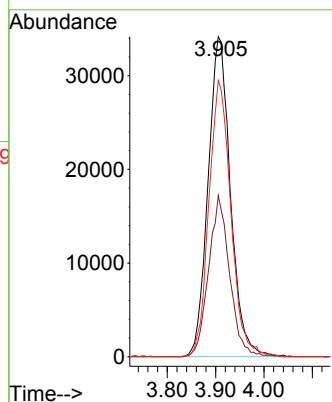
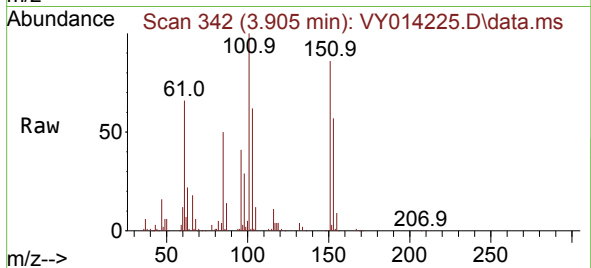




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.132 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

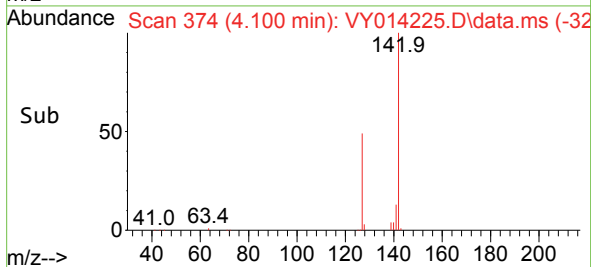
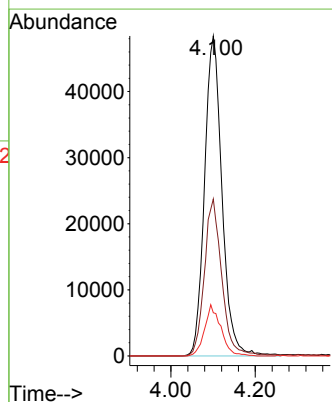
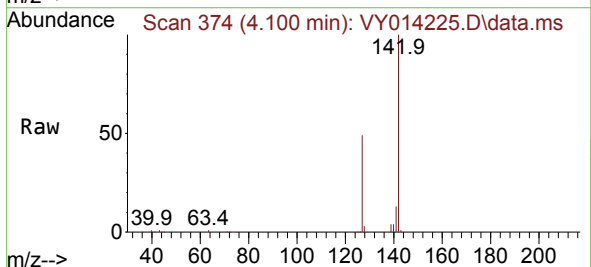
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

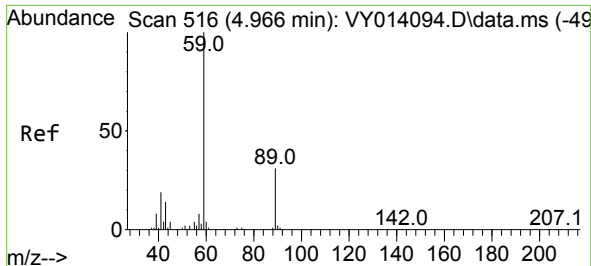
Tgt Ion:101 Resp: 109625
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 84.8 67.0 100.6



#10
Methyl Iodide
Concen: 50.316 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion:142 Resp: 139713
Ion Ratio Lower Upper
142 100
127 48.4 37.6 56.4
141 15.0 11.8 17.8

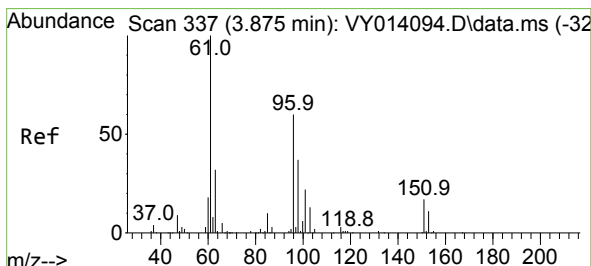
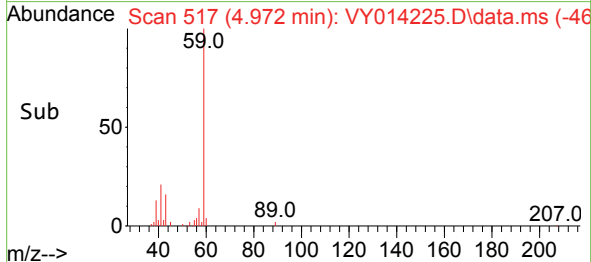
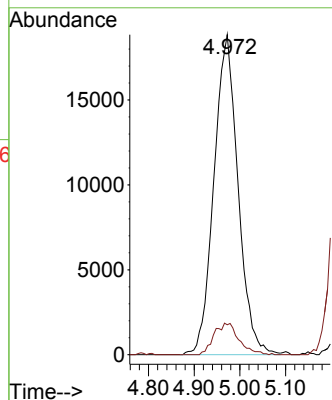
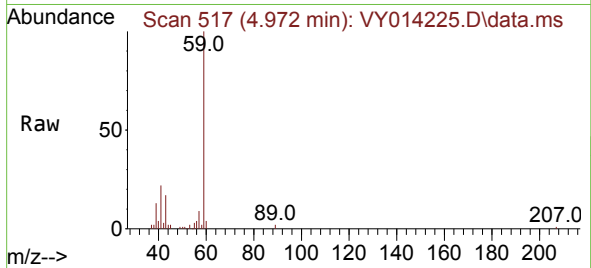




#11
Tert butyl alcohol
Concen: 227.705 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

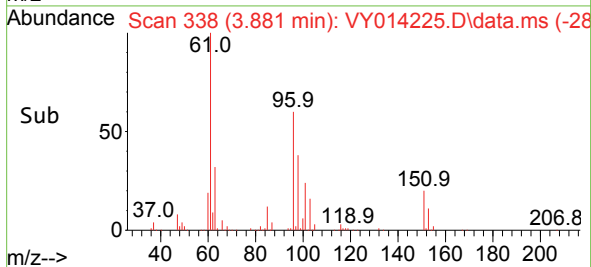
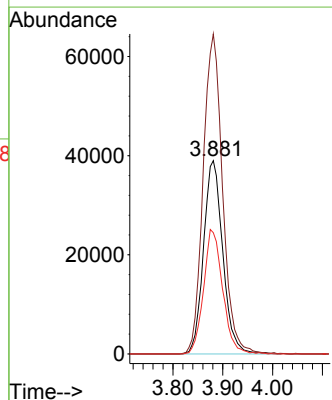
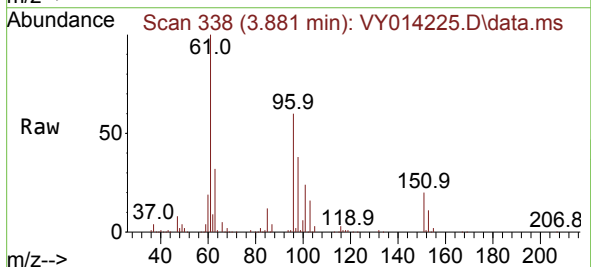
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

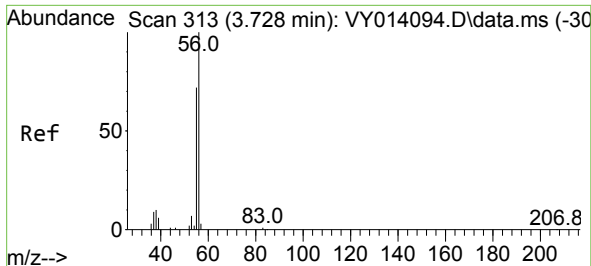
Tgt Ion: 59 Resp: 69075
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.160 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 96 Resp: 104781
Ion Ratio Lower Upper
96 100
61 165.6 136.4 204.6
98 62.8 49.4 74.2





#13

Acrolein

Concen: 236.530 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.013 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

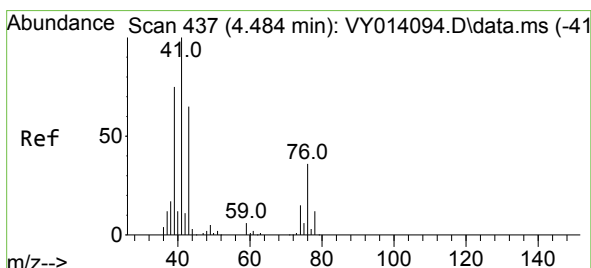
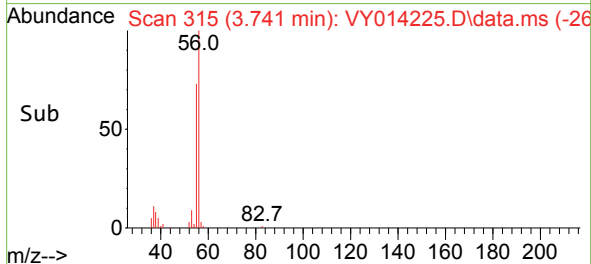
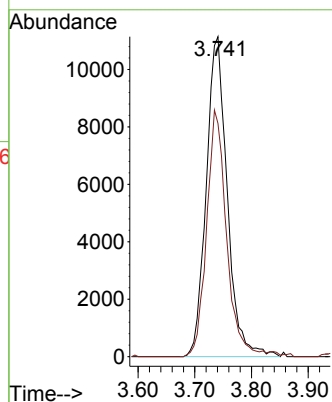
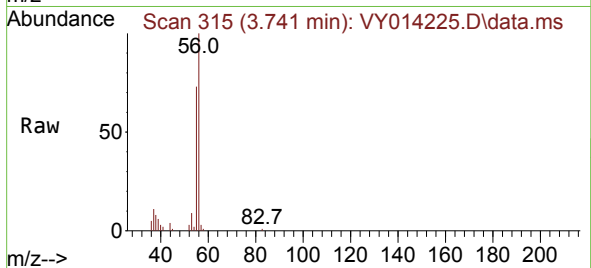
VSTDCCC050EC

Tgt Ion: 56 Resp: 28670

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



#14

Allyl chloride

Concen: 49.703 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

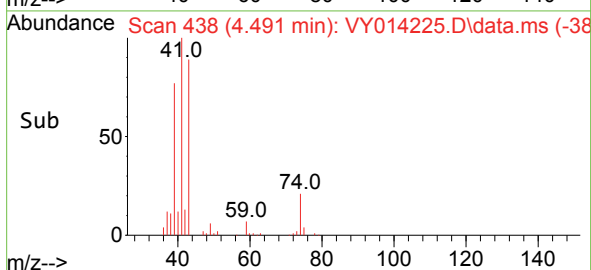
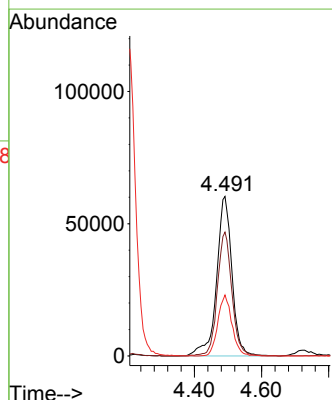
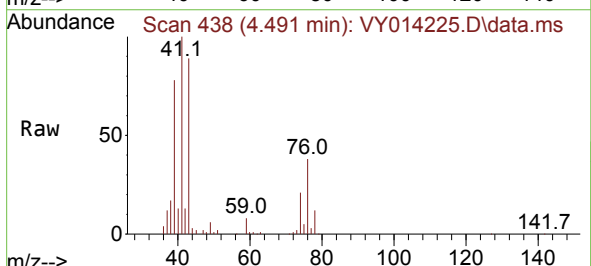
Tgt Ion: 41 Resp: 192029

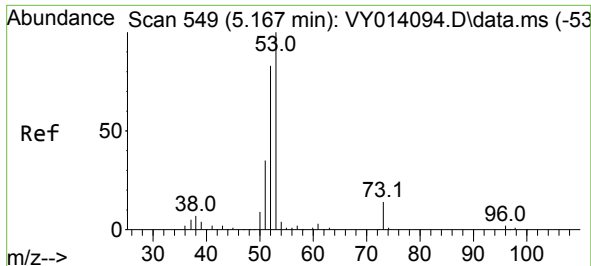
Ion Ratio Lower Upper

41 100

39 73.6 58.0 87.0

76 34.9 27.4 41.2

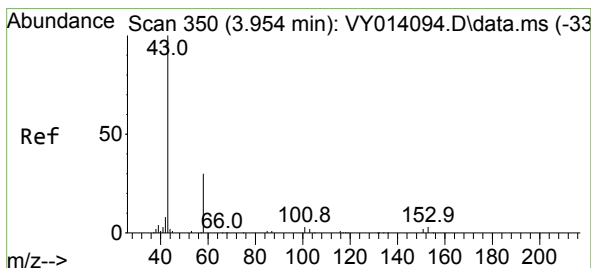
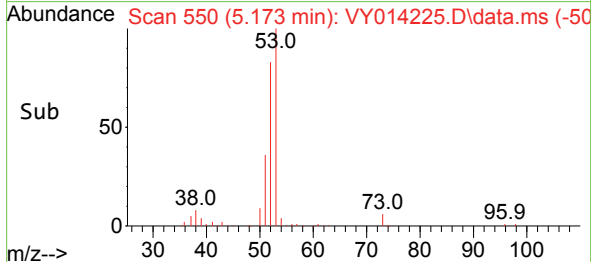
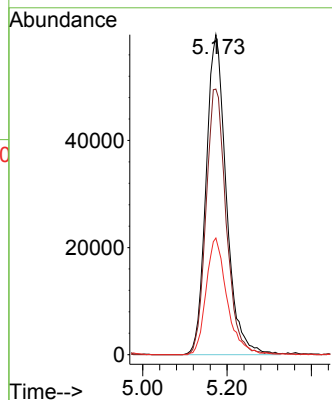
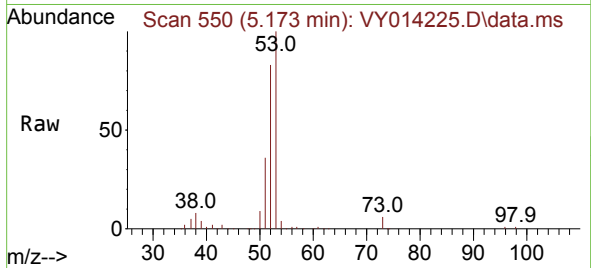




#15
Acrylonitrile
Concen: 277.361 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

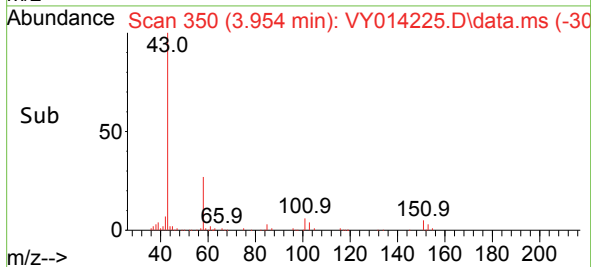
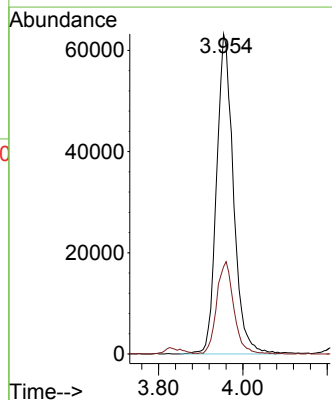
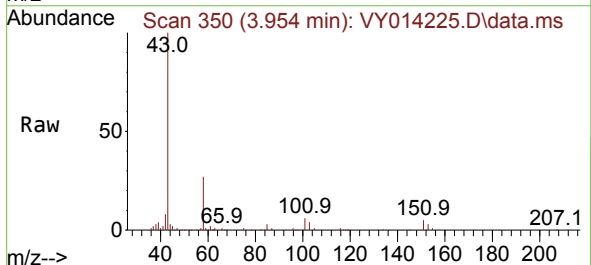
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

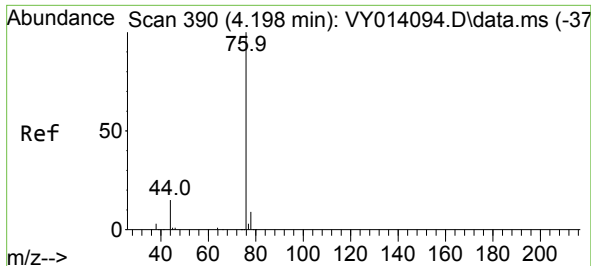
Tgt Ion: 53 Resp: 199041
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 223.314 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 43 Resp: 174982
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1





#17

Carbon Disulfide

Concen: 48.215 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

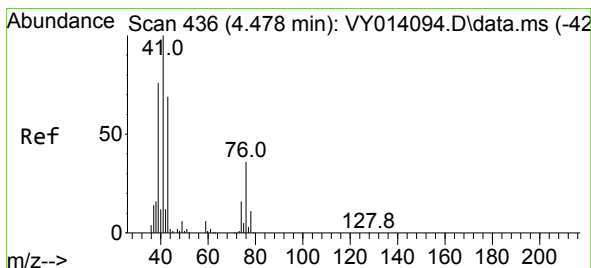
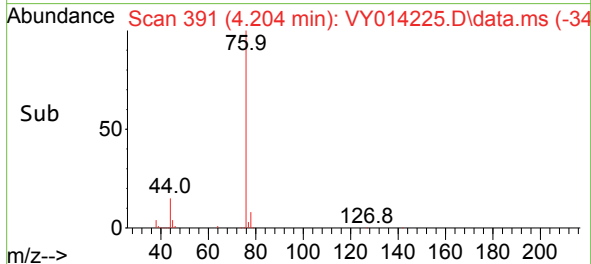
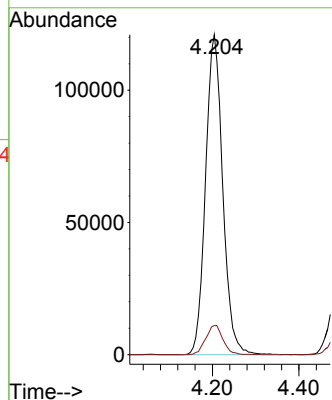
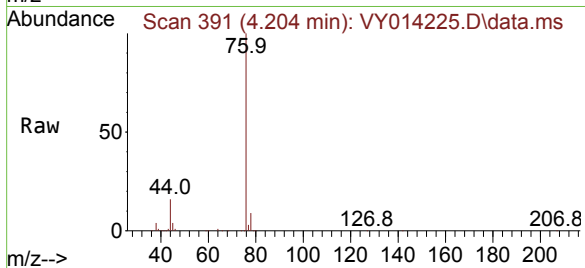
VSTDCCC050EC

Tgt Ion: 76 Resp: 333013

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 55.507 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.007 min

Lab File: VY014225.D

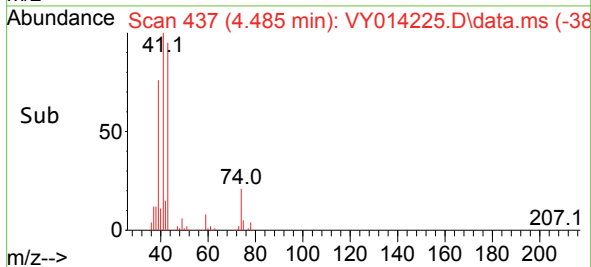
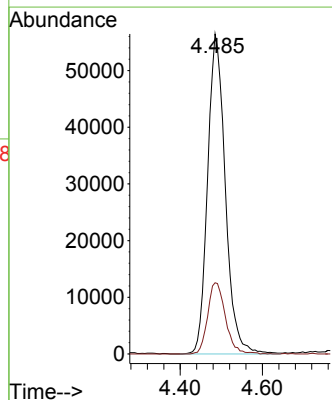
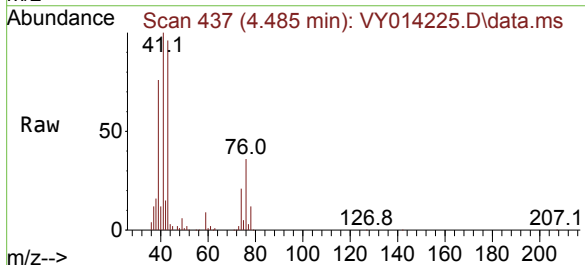
Acq: 16 Jun 2023 23:48

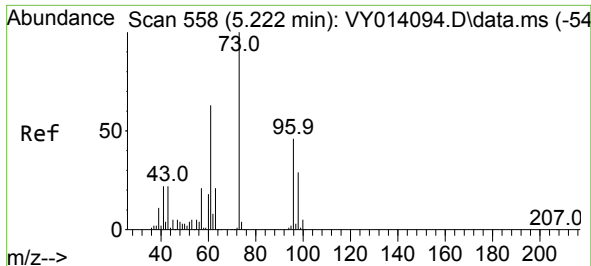
Tgt Ion: 43 Resp: 168821

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 52.553 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

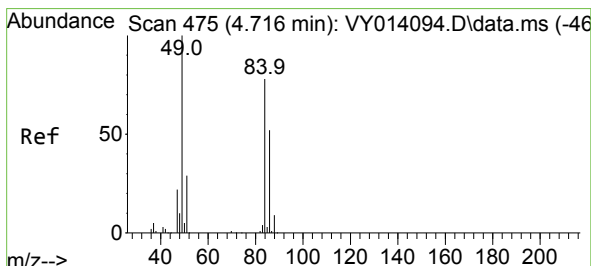
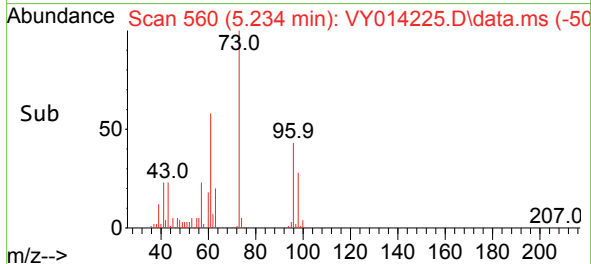
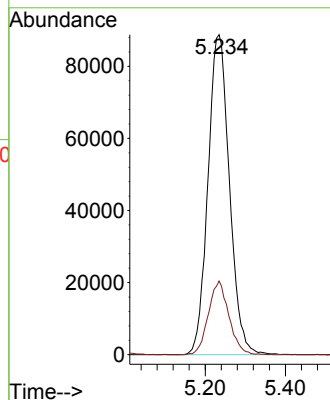
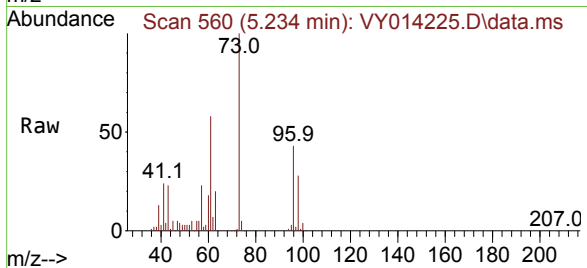
VSTDCCC050EC

Tgt Ion: 73 Resp: 330363

Ion Ratio Lower Upper

73 100

57 23.0 17.3 25.9



#20

Methylene Chloride

Concen: 67.167 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Tgt Ion: 84 Resp: 164944

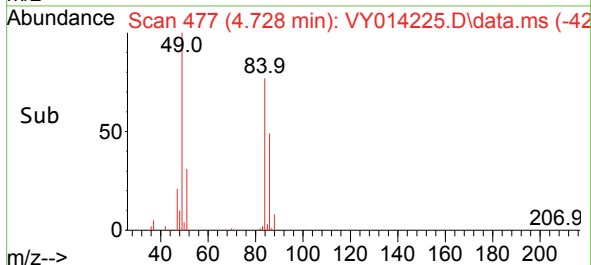
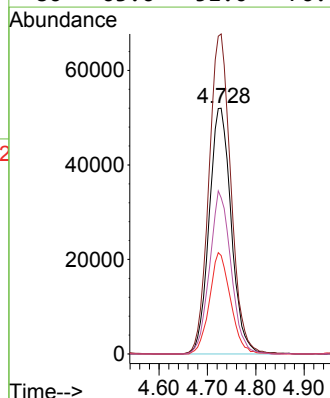
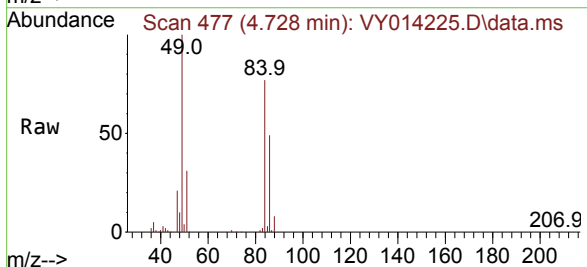
Ion Ratio Lower Upper

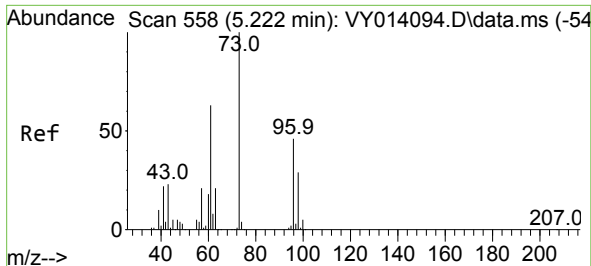
84 100

49 130.2 106.9 160.3

51 40.0 33.2 49.8

86 63.6 51.0 76.6

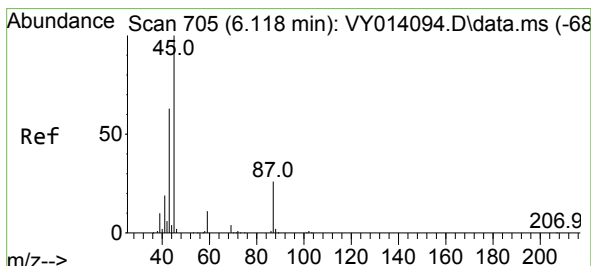
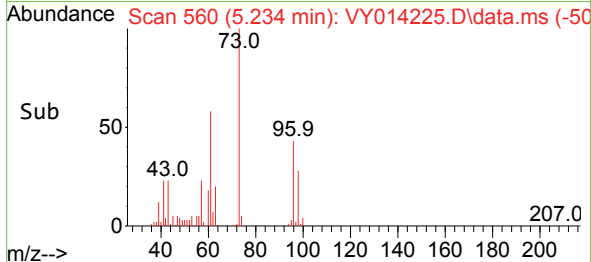
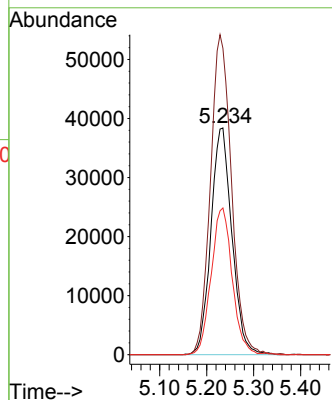
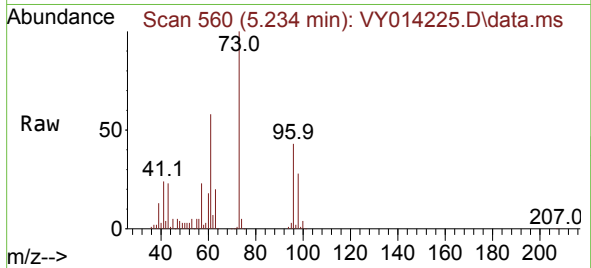




#21
trans-1,2-Dichloroethene
Concen: 50.094 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

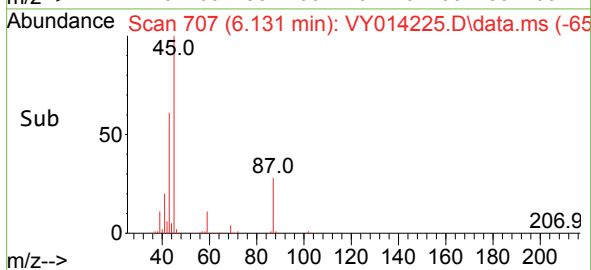
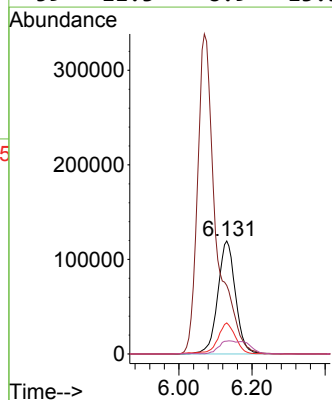
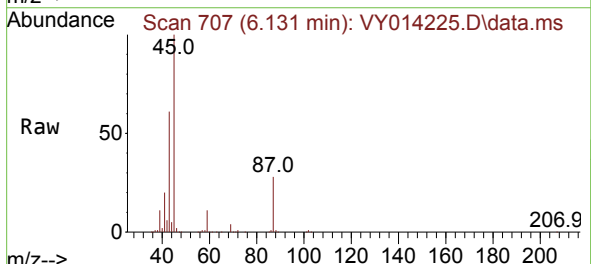
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

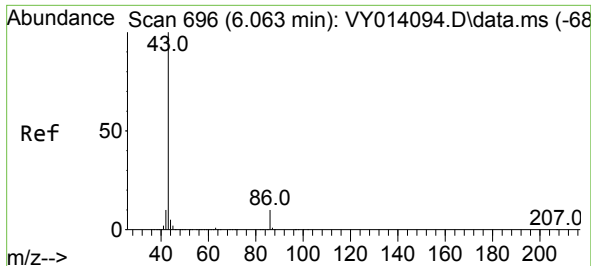
Tgt Ion: 96 Resp: 119088
Ion Ratio Lower Upper
96 100
61 135.1 110.2 165.4
98 64.7 51.8 77.6



#22
Diisopropyl ether
Concen: 54.329 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 45 Resp: 401890
Ion Ratio Lower Upper
45 100
43 60.6 52.2 78.4
87 27.5 21.0 31.6
59 11.3 8.9 13.3

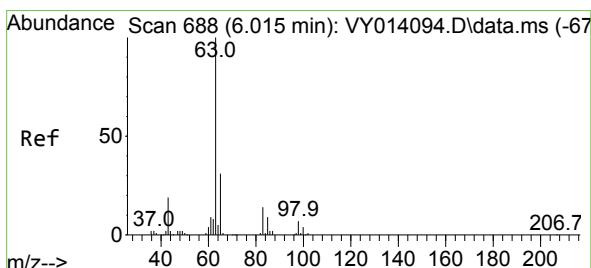
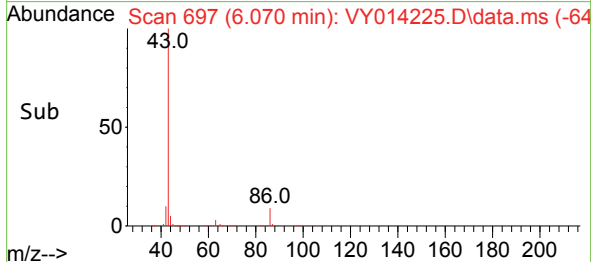
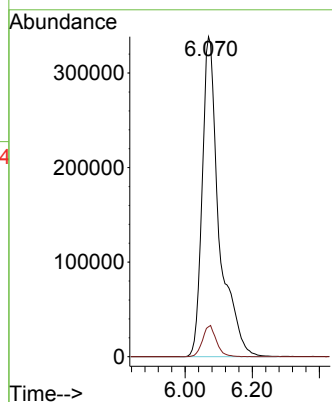
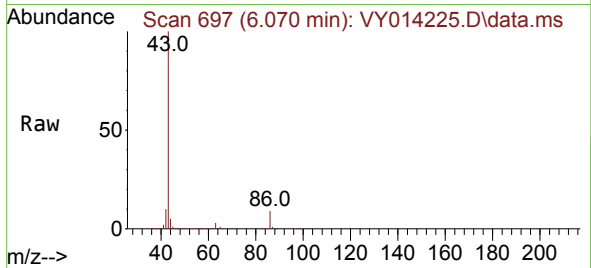




#23
 Vinyl Acetate
 Concen: 271.559 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

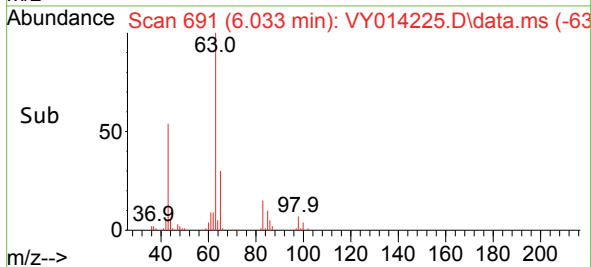
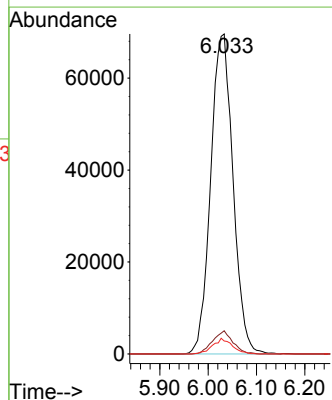
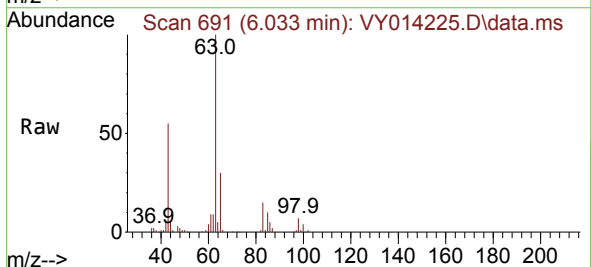
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

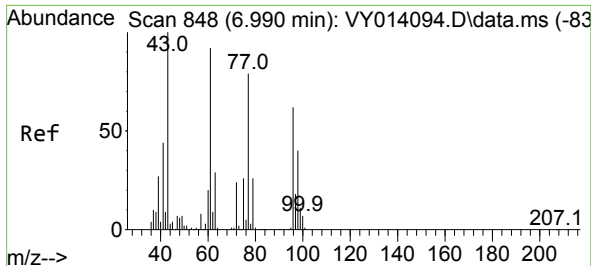
Tgt Ion: 43 Resp: 1185238
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.293 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

Tgt Ion: 63 Resp: 223035
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.0 1.8 5.5

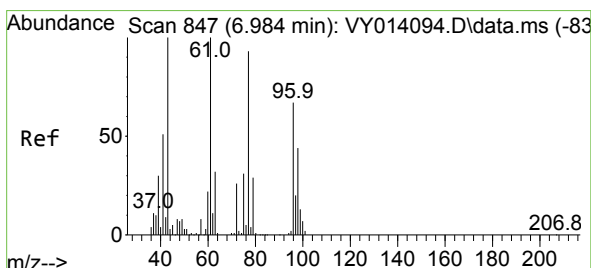
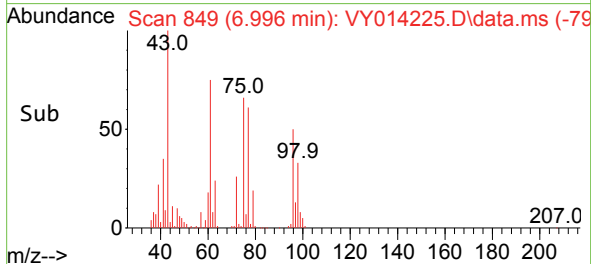
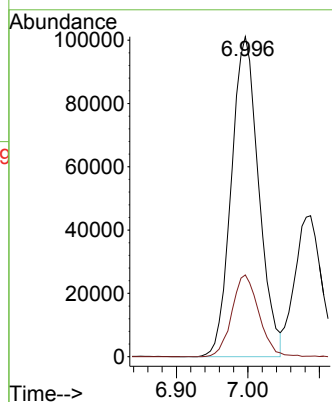
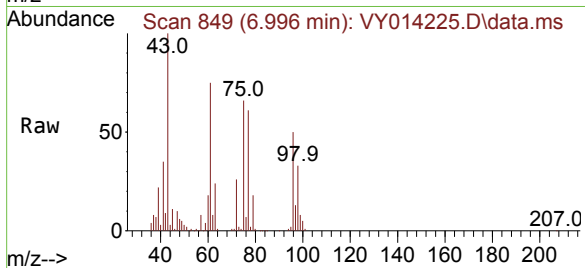




#25
2-Butanone
Concen: 278.593 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

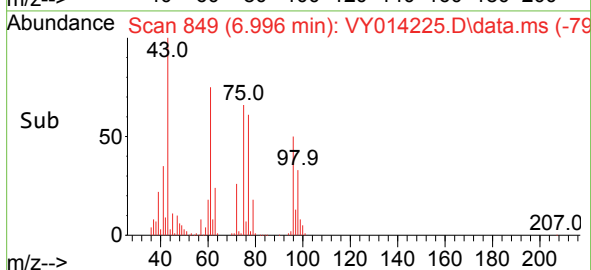
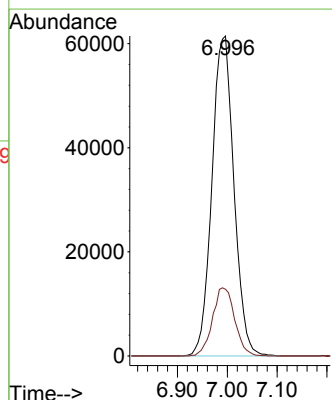
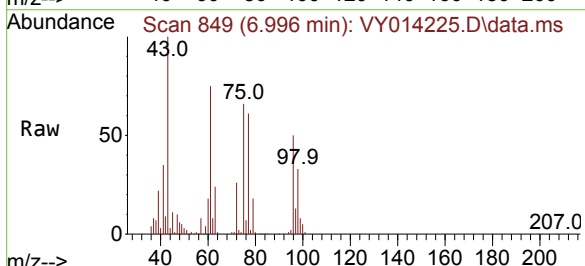
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

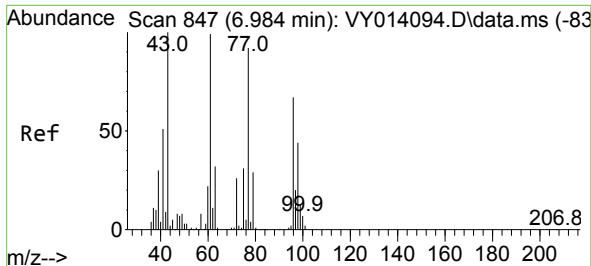
Tgt Ion: 43 Resp: 268714
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.952 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 77 Resp: 188084
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.525 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

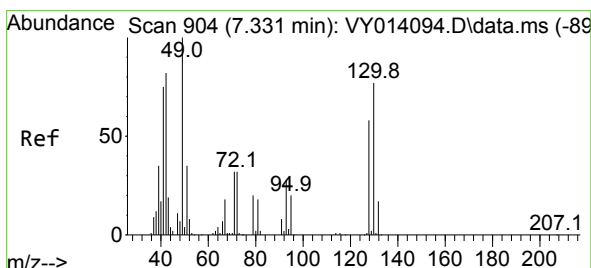
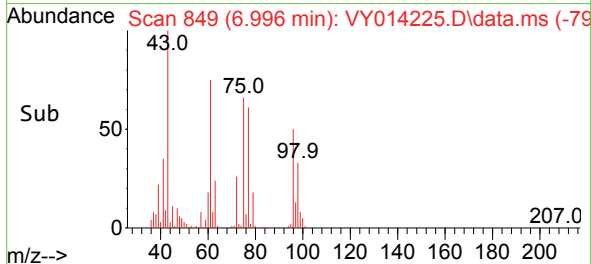
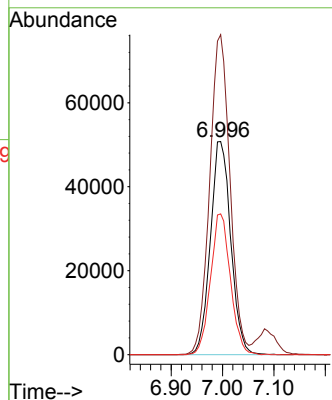
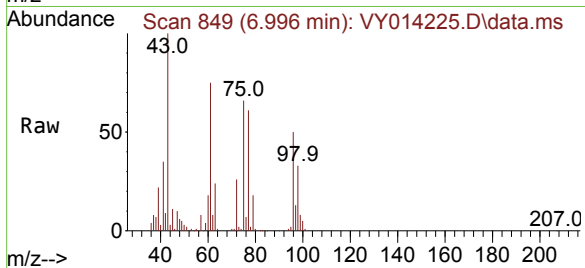
Tgt Ion: 96 Resp: 139684

Ion Ratio Lower Upper

96 100

61 149.5 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 48.777 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

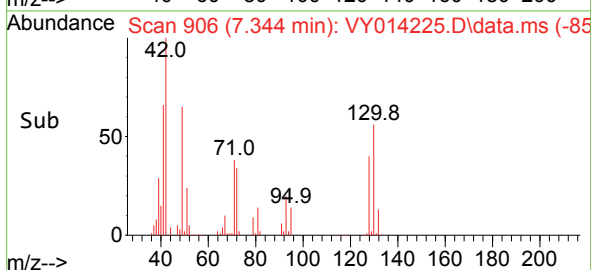
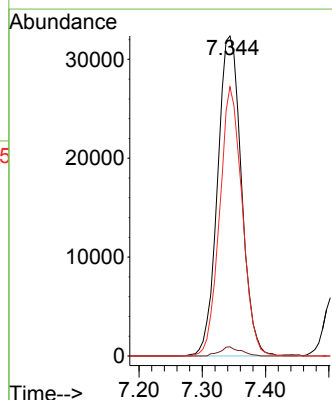
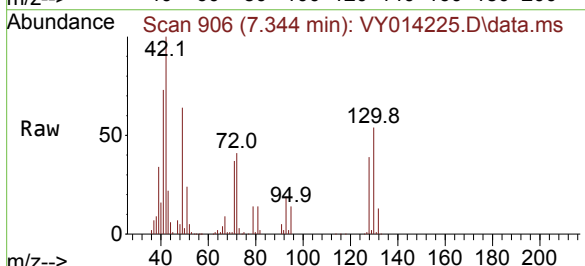
Tgt Ion: 49 Resp: 84601

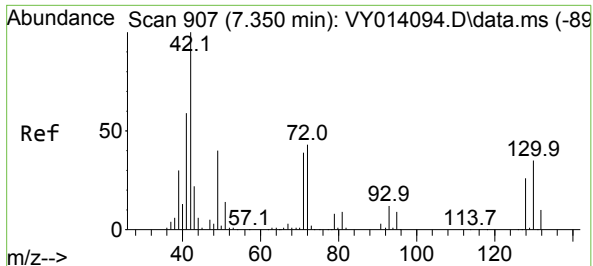
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 79.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 293.322 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

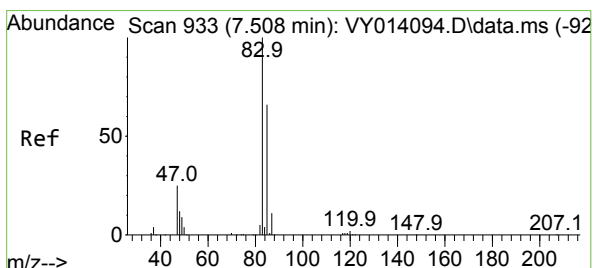
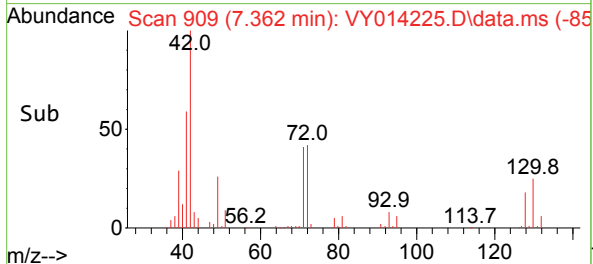
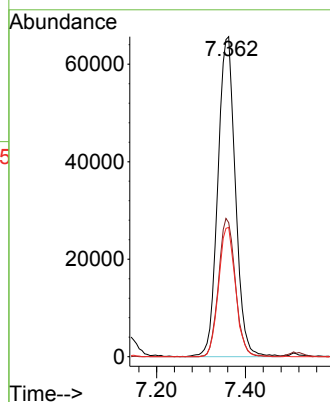
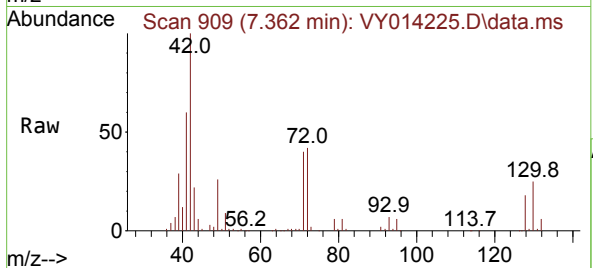
Tgt Ion: 42 Resp: 179403

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

71 39.0 31.0 46.4



#30

Chloroform

Concen: 54.342 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY014225.D

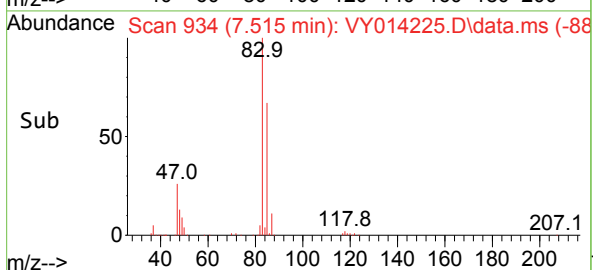
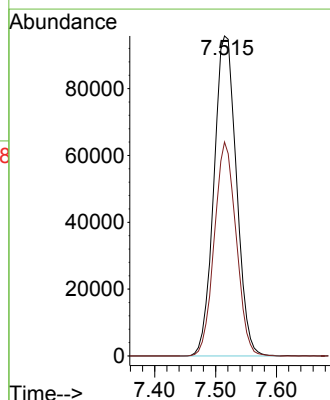
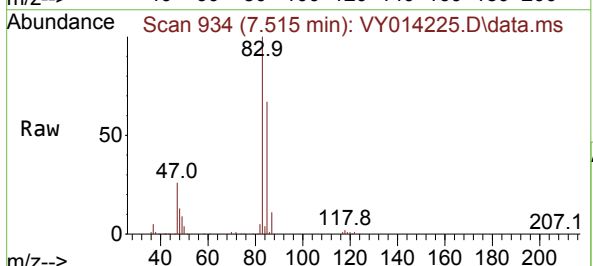
Acq: 16 Jun 2023 23:48

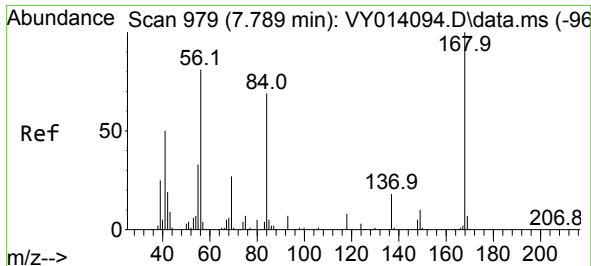
Tgt Ion: 83 Resp: 245887

Ion Ratio Lower Upper

83 100

85 66.9 49.7 74.5

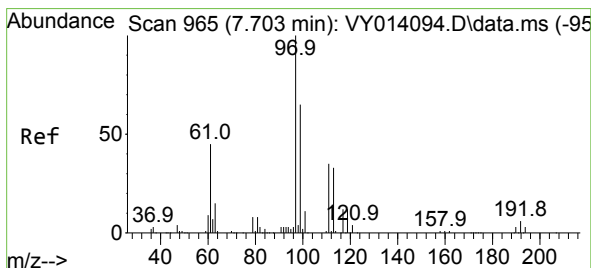
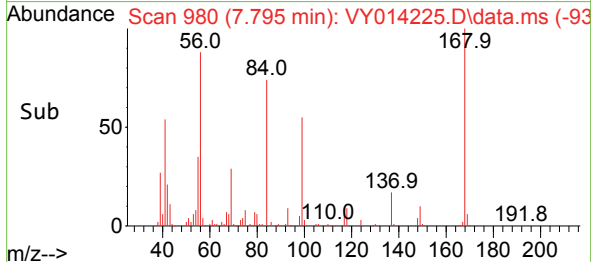
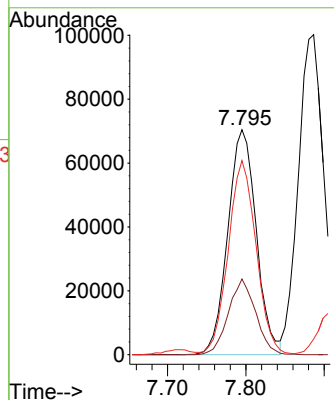
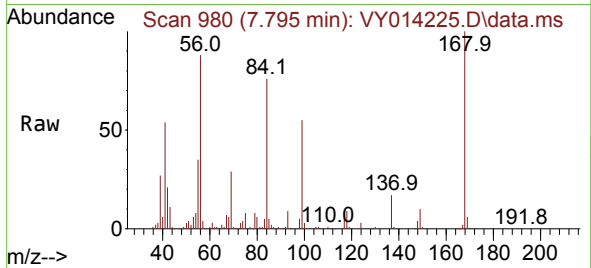




#31
Cyclohexane
Concen: 51.198 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

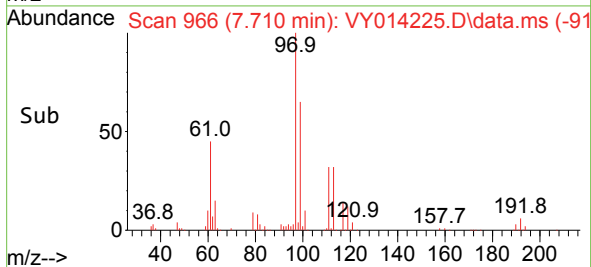
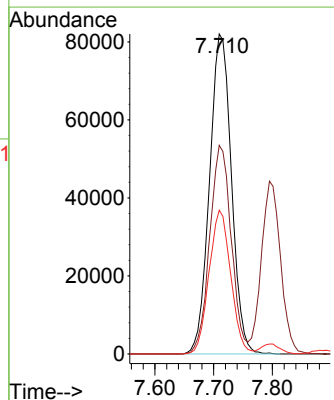
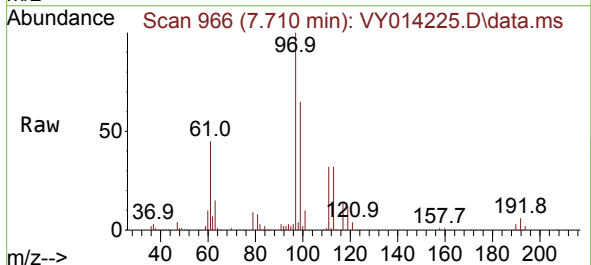
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

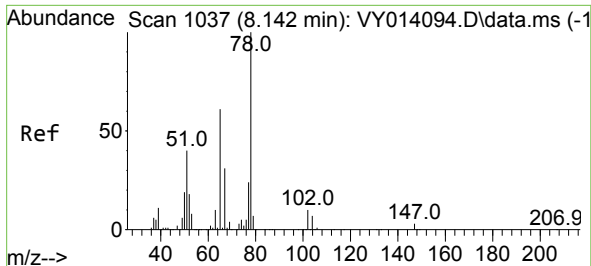
Tgt Ion: 56 Resp: 178288
Ion Ratio Lower Upper
56 100
69 33.2 27.8 41.6
84 84.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.045 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 97 Resp: 212396
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 44.6 35.1 52.7

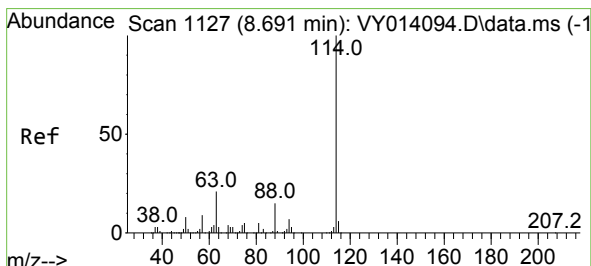
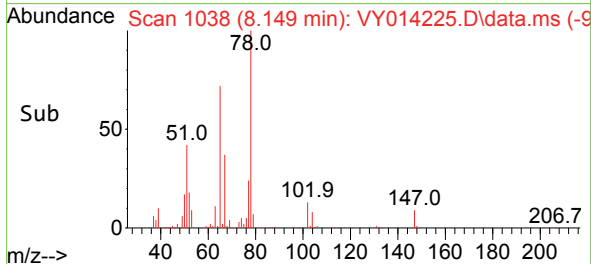
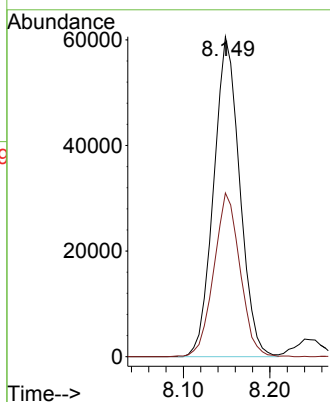
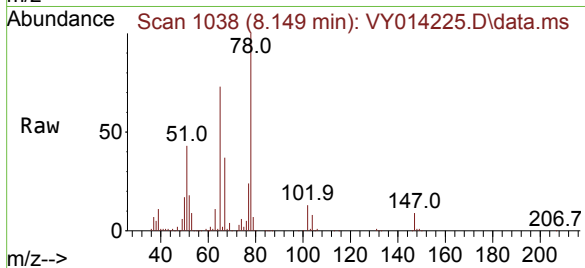




#33
1,2-Dichloroethane-d4
Concen: 48.711 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

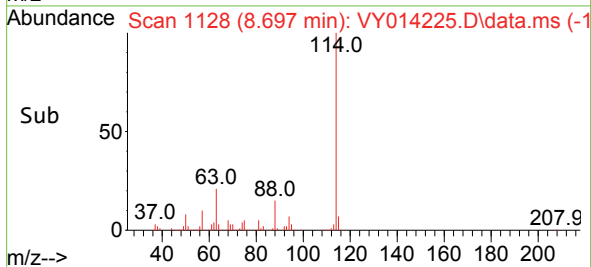
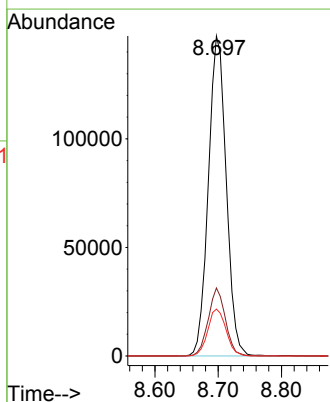
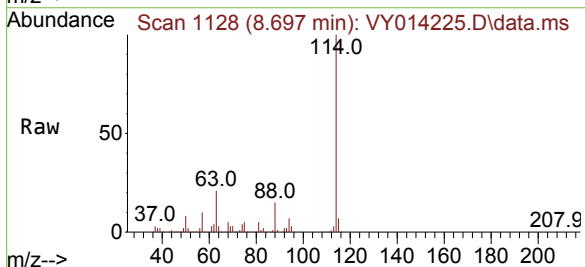
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

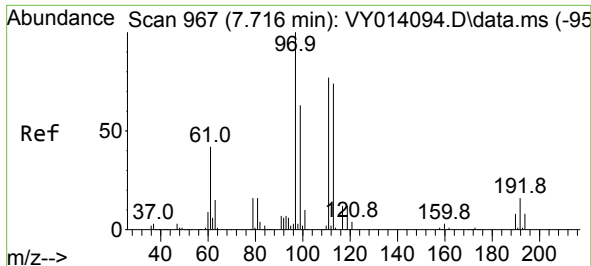
Tgt Ion: 65 Resp: 126624
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 114 Resp: 288790
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 14.7 0.0 30.6

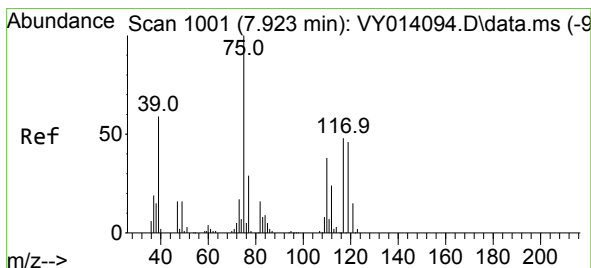
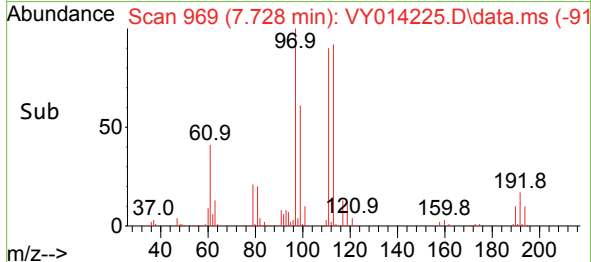
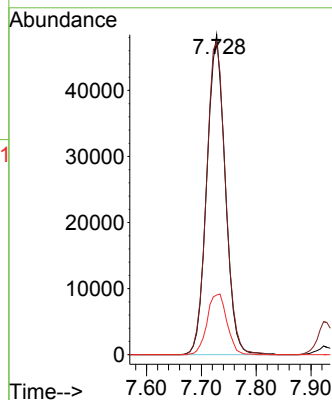
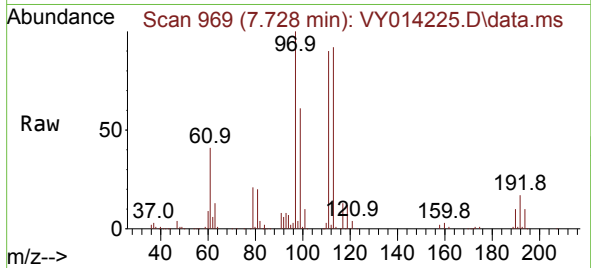




#35
Dibromofluoromethane
Concen: 54.873 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

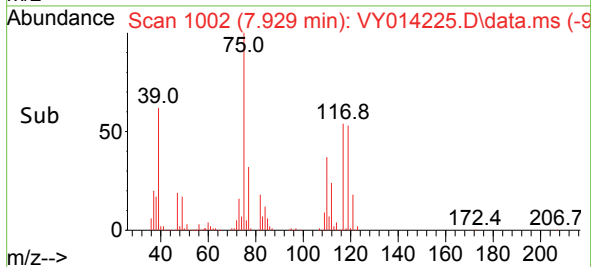
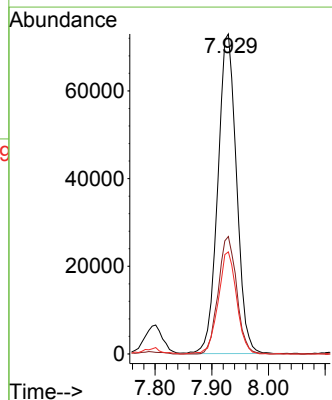
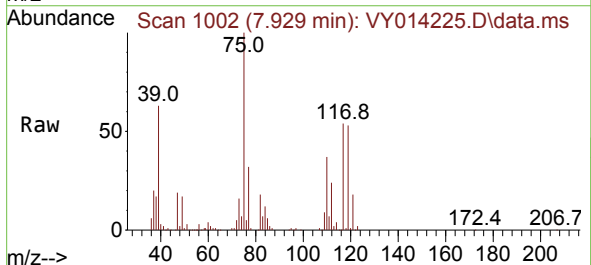
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

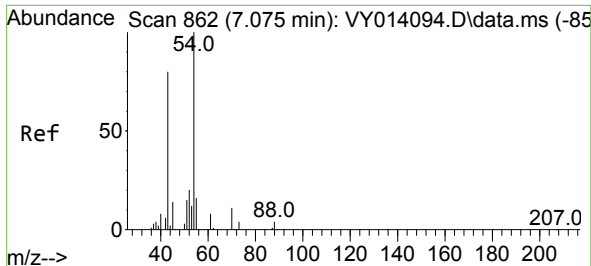
Tgt Ion:113 Resp: 112381
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.295 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 75 Resp: 166972
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.5 24.4 36.6

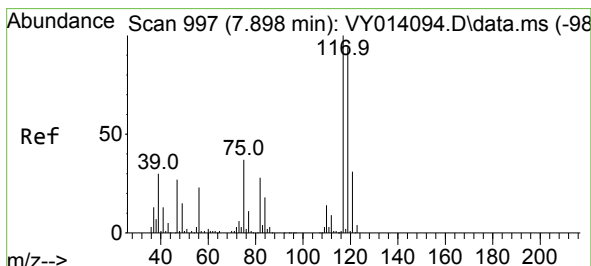
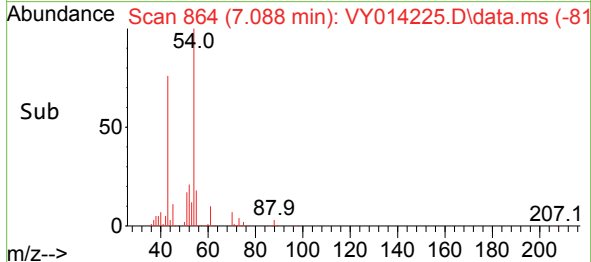
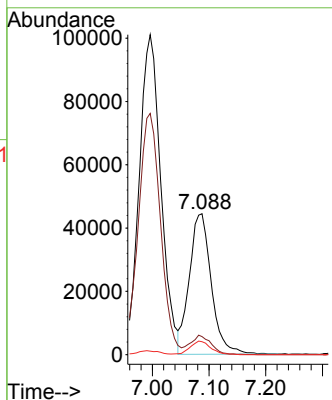
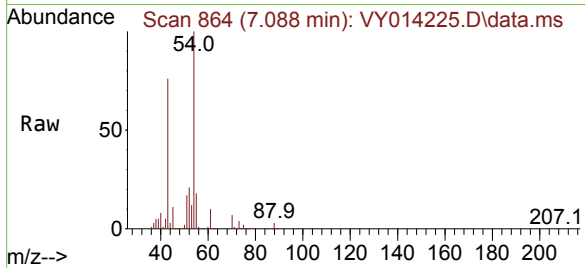




#37
Ethyl Acetate
Concen: 54.323 ug/l
RT: 7.088 min Scan# 862
Delta R.T. 0.013 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

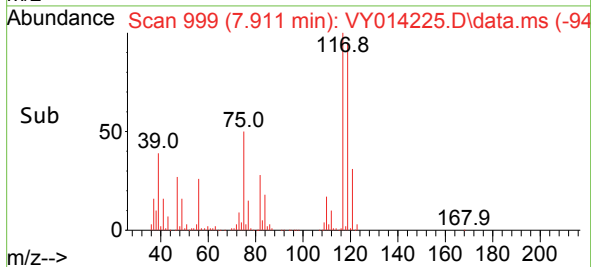
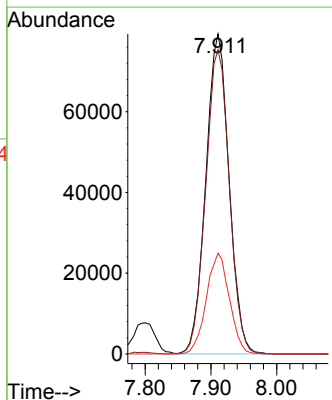
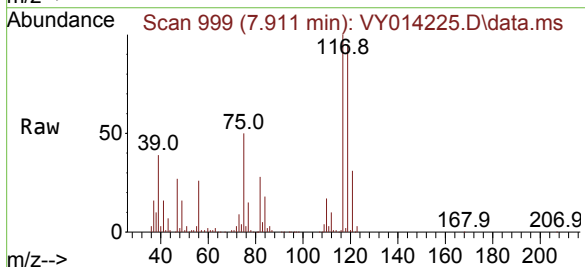
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

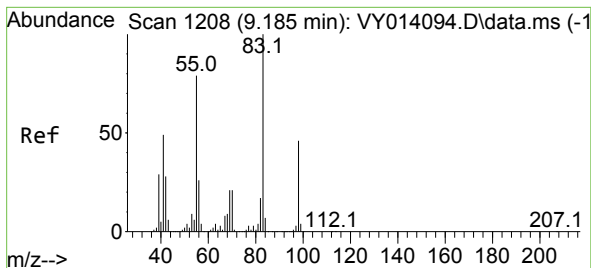
Tgt Ion: 43 Resp: 119676
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.051 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.013 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 117 Resp: 195471
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 52.557 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

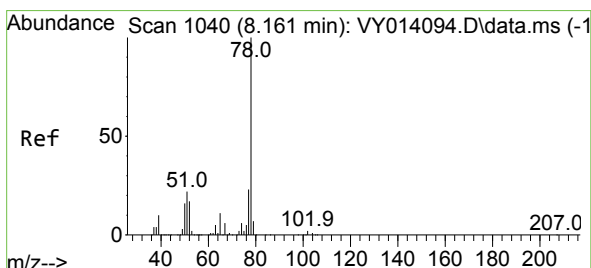
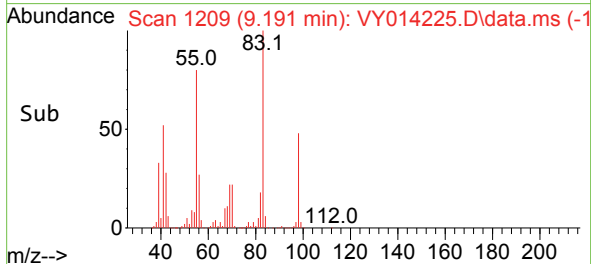
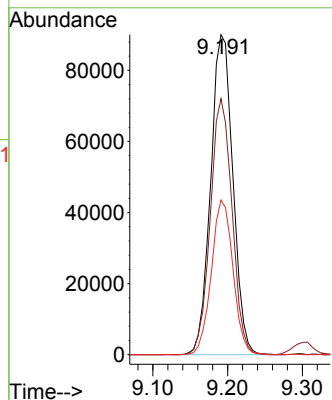
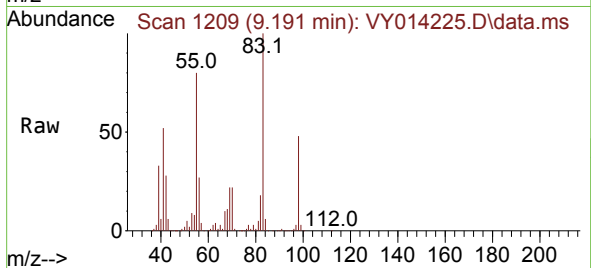
Tgt Ion: 83 Resp: 186187

Ion Ratio Lower Upper

83 100

55 79.9 63.0 94.4

98 48.4 37.4 56.2



#40

Benzene

Concen: 53.720 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY014225.D

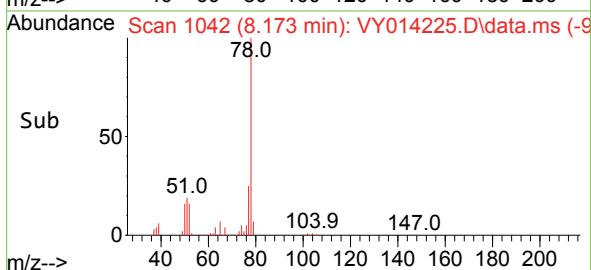
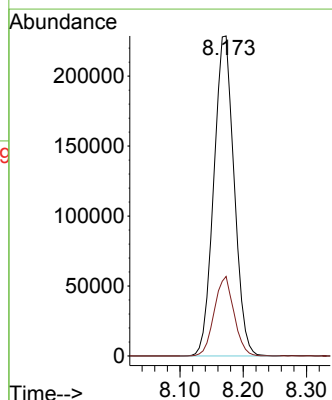
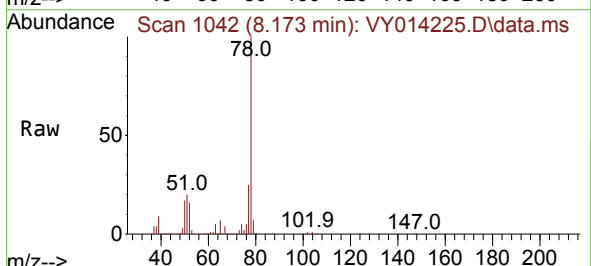
Acq: 16 Jun 2023 23:48

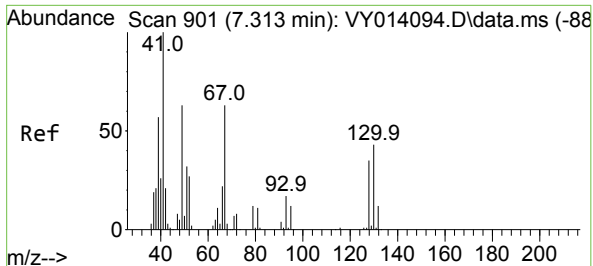
Tgt Ion: 78 Resp: 510046

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

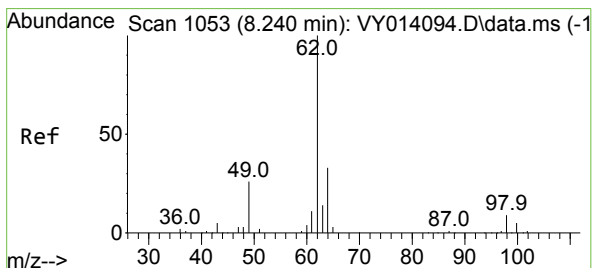
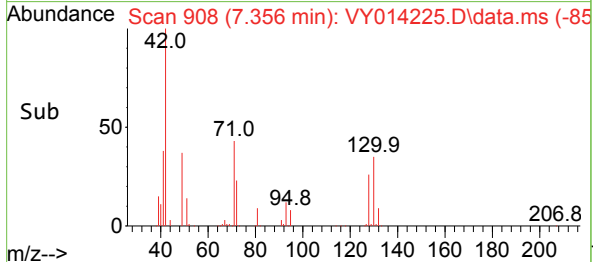
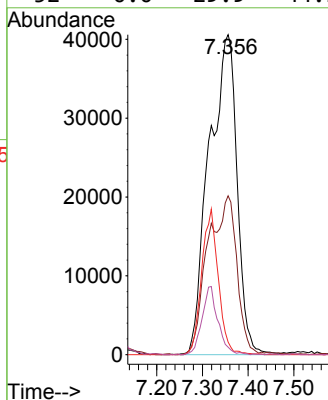
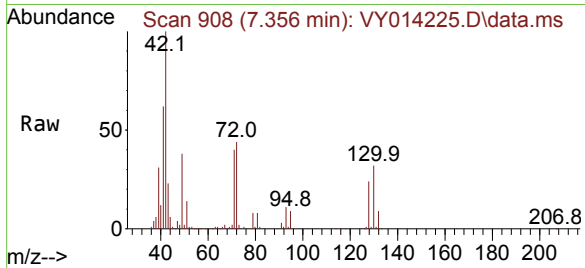




#41
Methacrylonitrile
Concen: 152.793 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

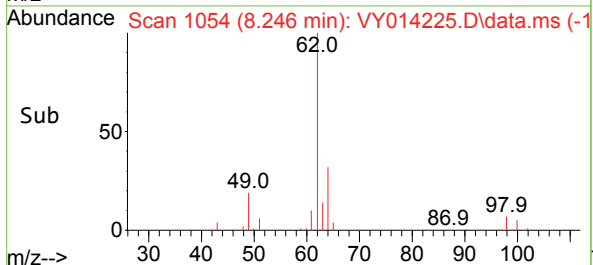
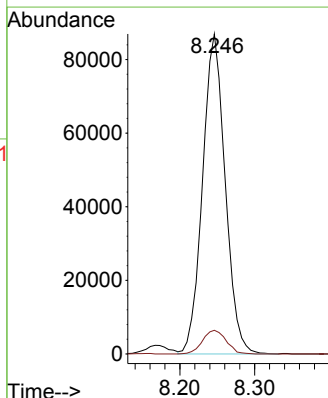
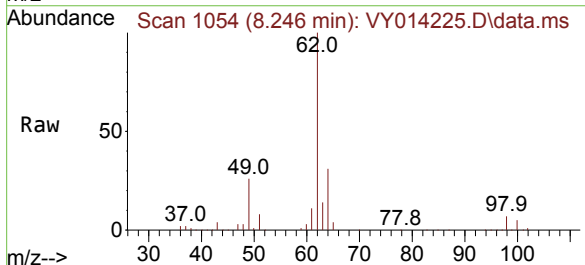
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

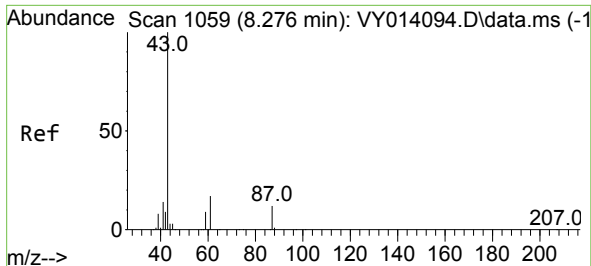
Tgt Ion: 41 Resp: 171791
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.539 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 62 Resp: 183113
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8

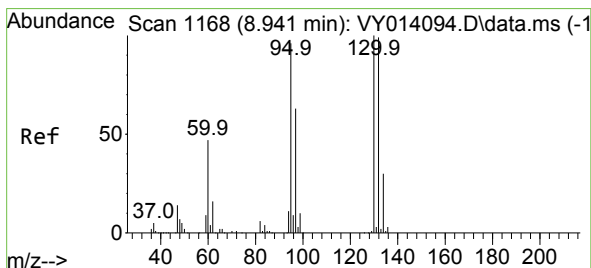
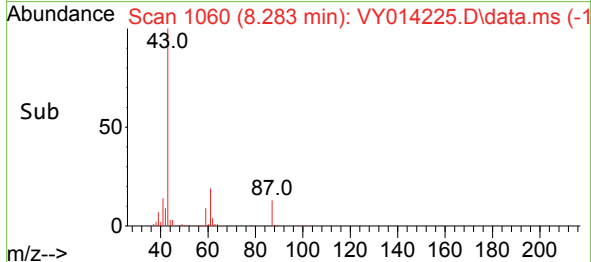
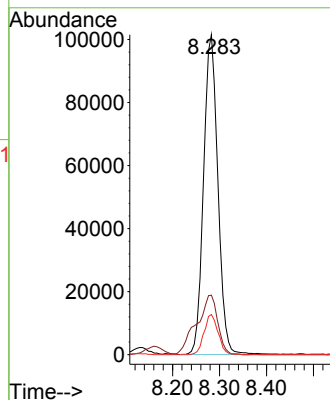
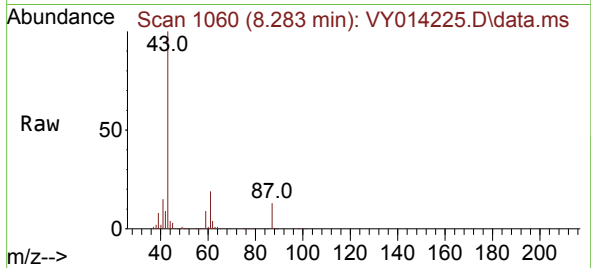




#43
Isopropyl Acetate
Concen: 55.465 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.007 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

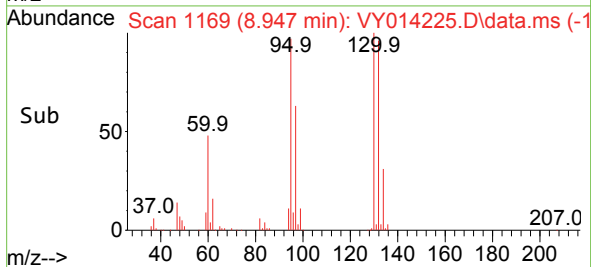
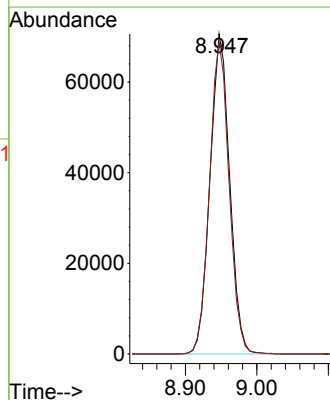
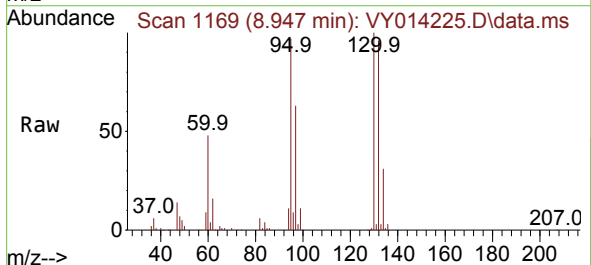
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

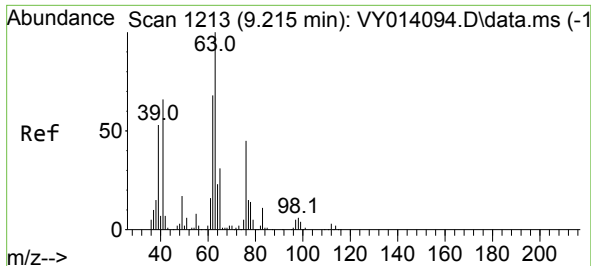
Tgt Ion: 43 Resp: 214164
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 53.153 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion:130 Resp: 134833
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.006 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.013 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

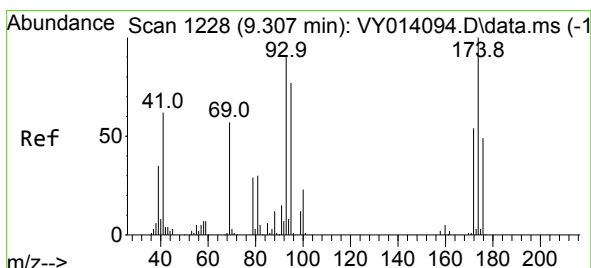
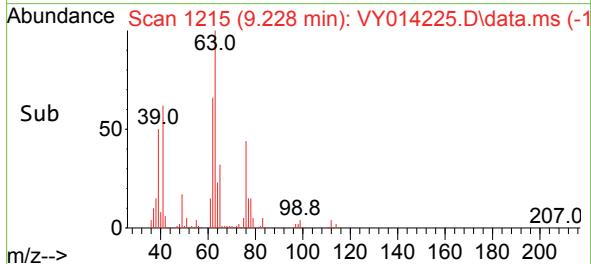
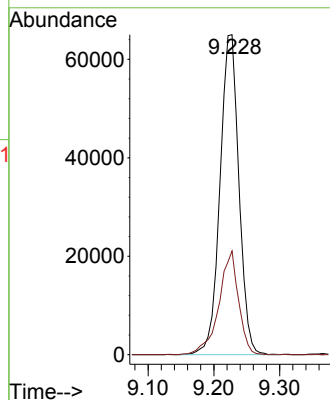
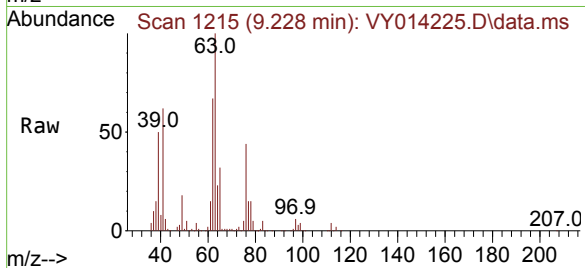
VSTDCCC050EC

Tgt Ion: 63 Resp: 130240

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 55.732 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

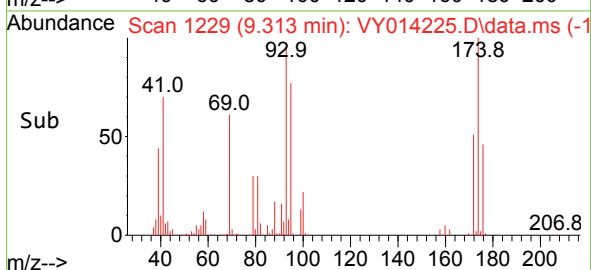
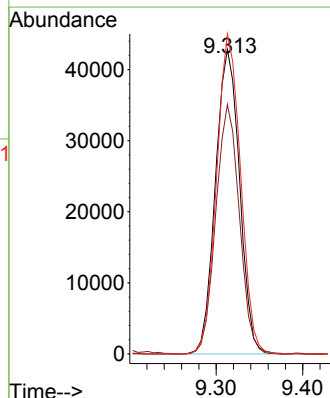
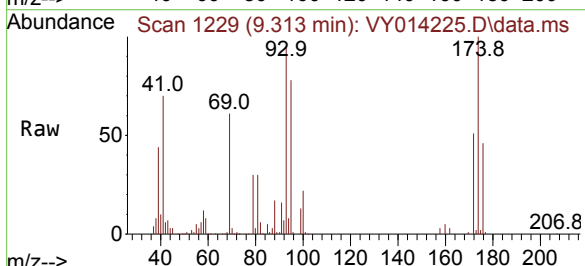
Tgt Ion: 93 Resp: 82732

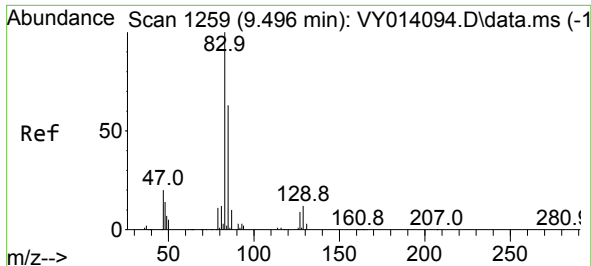
Ion Ratio Lower Upper

93 100

95 79.9 66.6 100.0

174 104.4 84.8 127.2

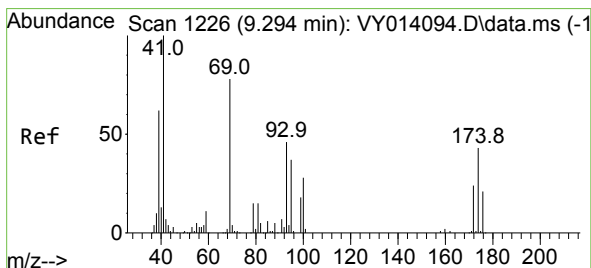
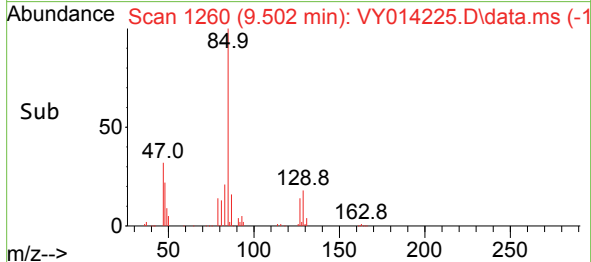
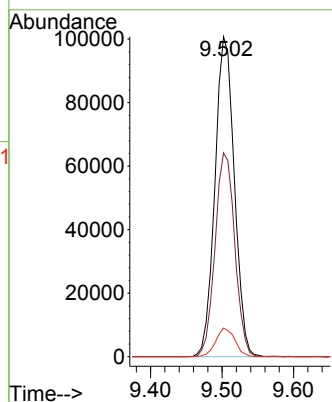
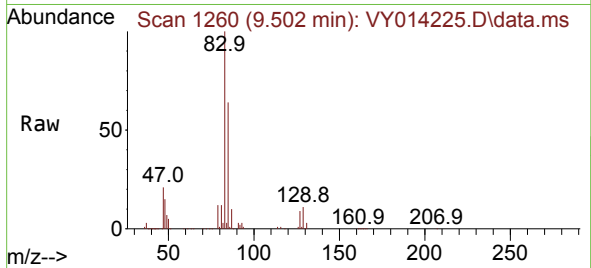




#47
Bromodichloromethane
Concen: 54.743 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

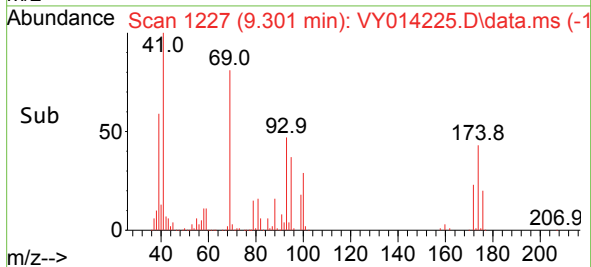
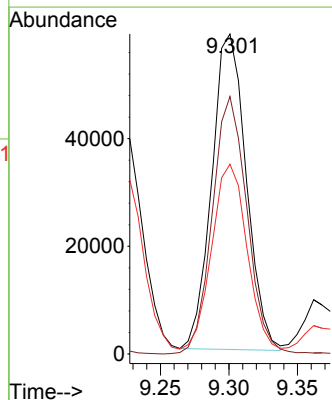
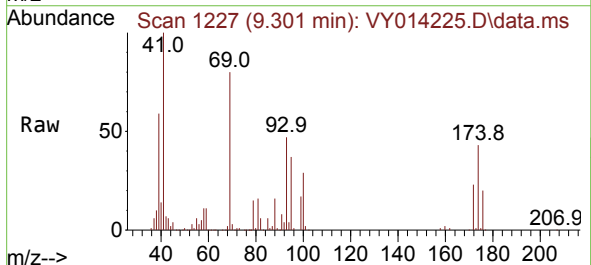
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

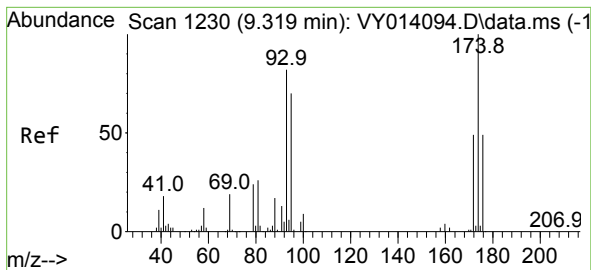
Tgt Ion: 83 Resp: 190274
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 56.864 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.007 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 41 Resp: 102409
Ion Ratio Lower Upper
41 100
69 82.4 64.5 96.7
39 62.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1199.634 ug/l

RT: 9.301 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

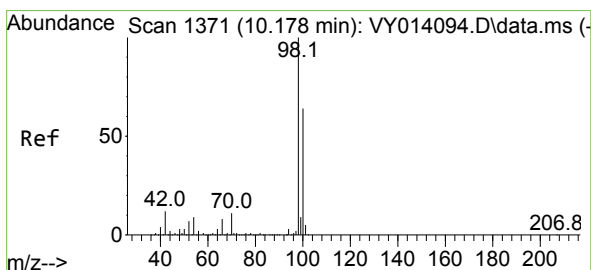
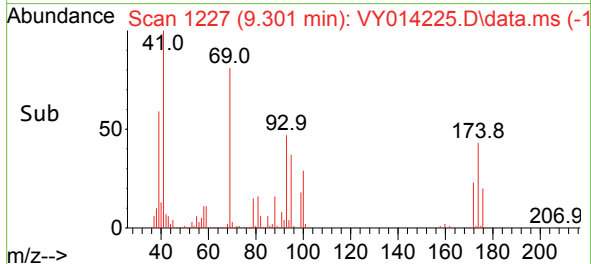
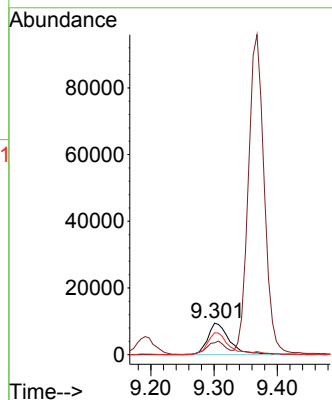
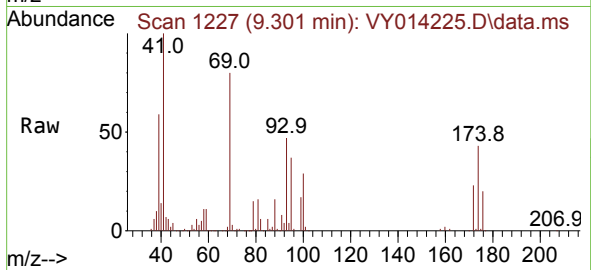
Tgt Ion: 88 Resp: 22628

Ion Ratio Lower Upper

88 100

43 36.6 0.0 0.0#

58 67.0 30.9 46.3#



#50

Toluene-d8

Concen: 48.092 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014225.D

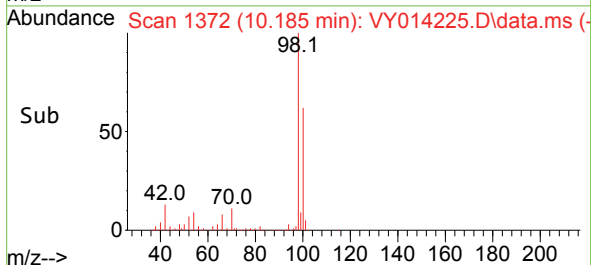
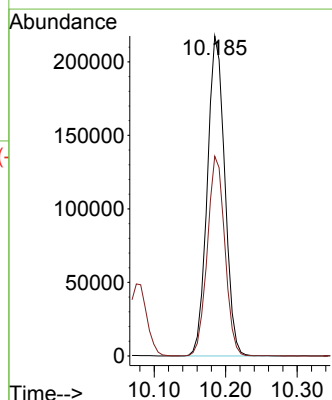
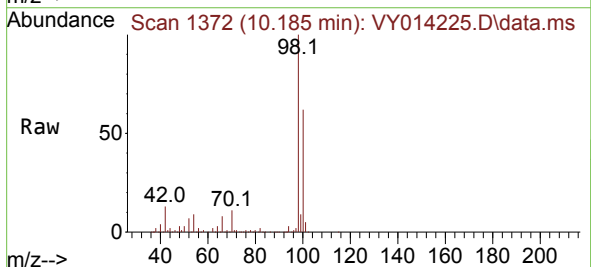
Acq: 16 Jun 2023 23:48

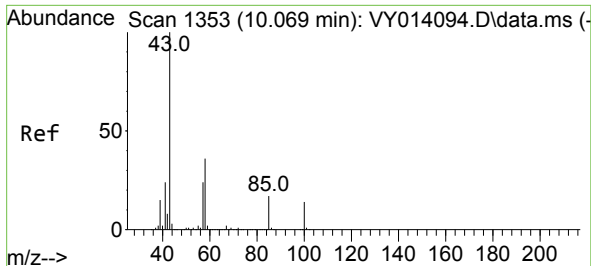
Tgt Ion: 98 Resp: 368226

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1

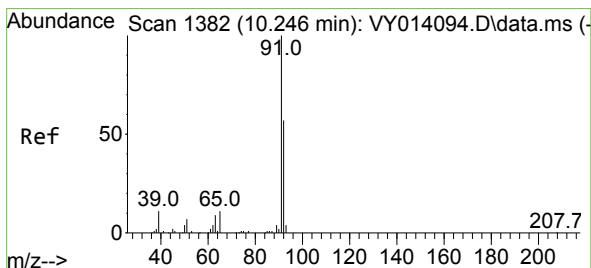
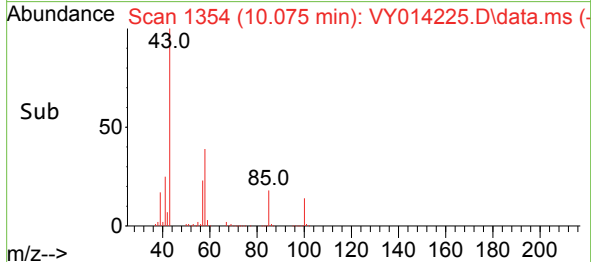
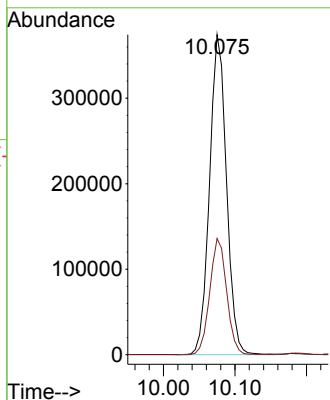
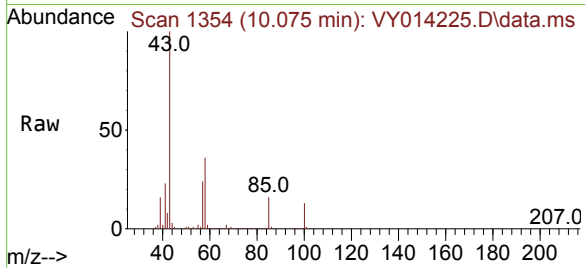




#51
4-Methyl-2-Pentanone
Concen: 293.556 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

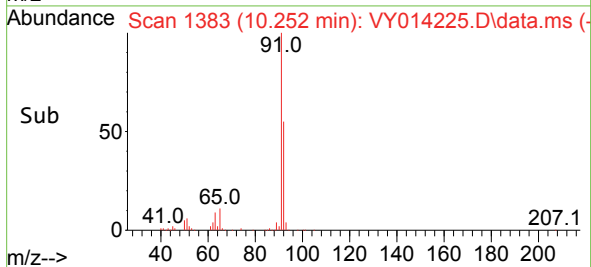
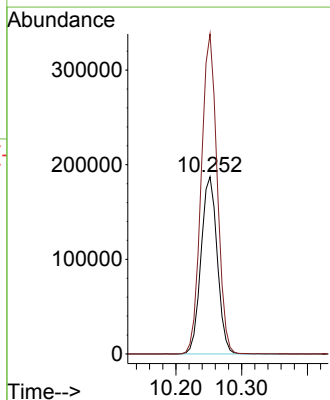
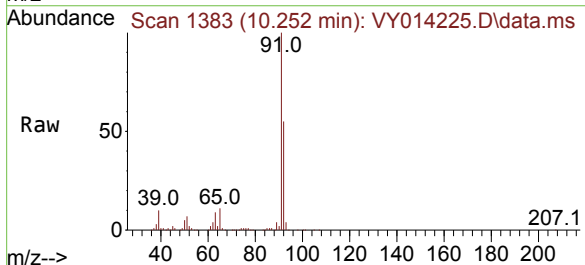
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

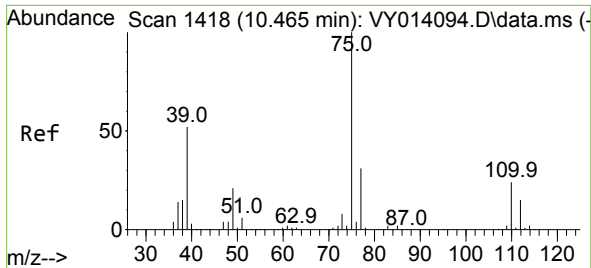
Tgt Ion: 43 Resp: 615816
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 54.453 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 92 Resp: 320489
Ion Ratio Lower Upper
92 100
91 177.7 143.8 215.6

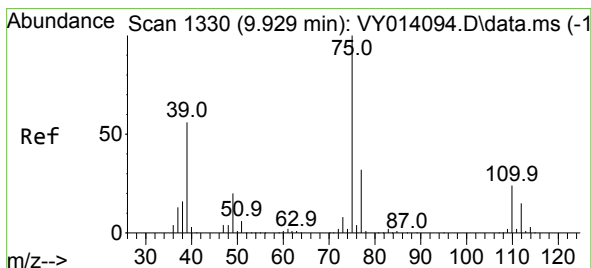
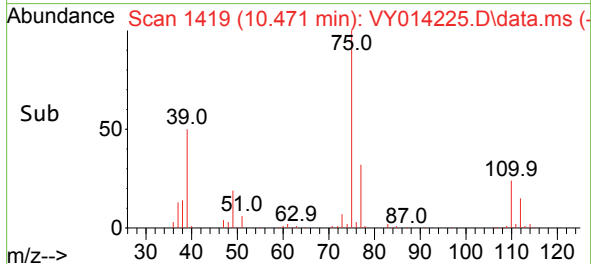
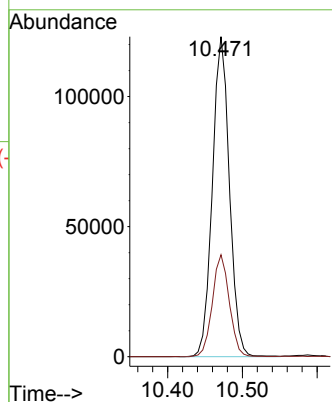
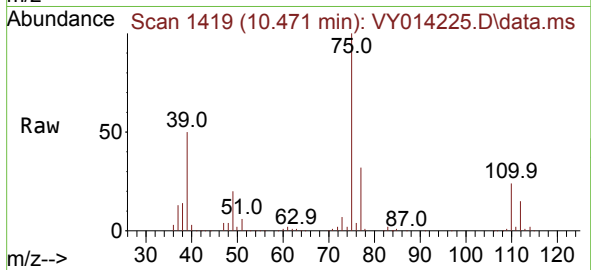




#53
 t-1,3-Dichloropropene
 Concen: 53.382 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

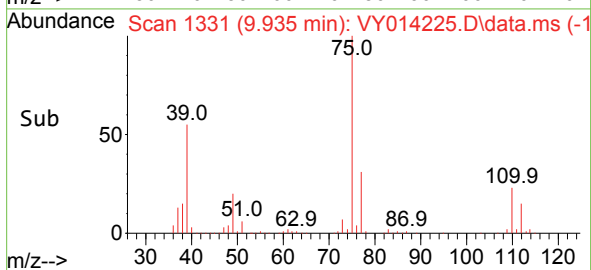
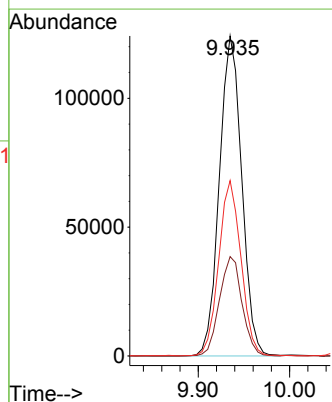
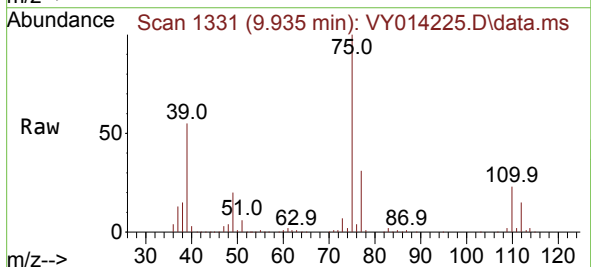
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

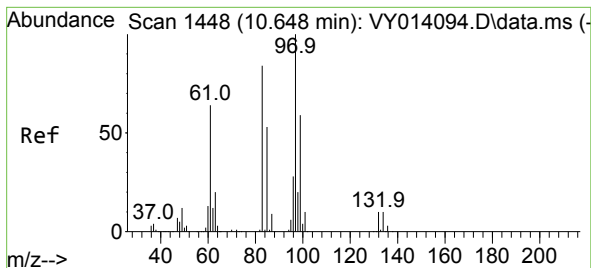
Tgt Ion: 75 Resp: 195327
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.006 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY014225.D
 Acq: 16 Jun 2023 23:48

Tgt Ion: 75 Resp: 211610
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 54.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 56.626 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 111495

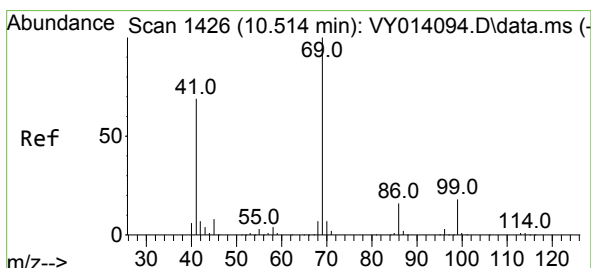
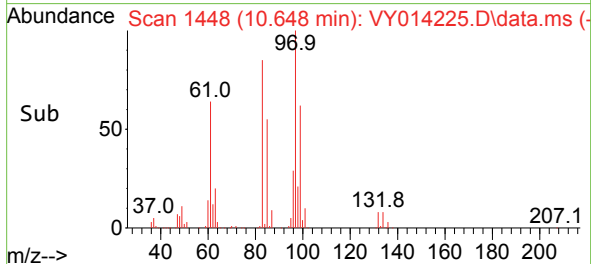
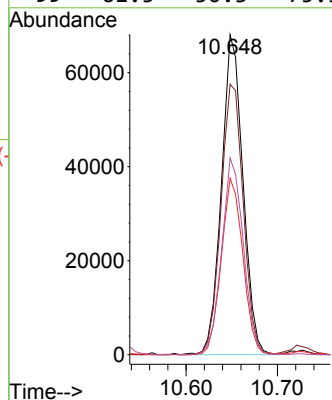
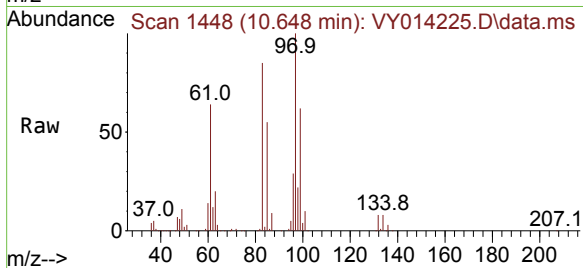
Ion Ratio Lower Upper

97 100

83 84.5 72.0 108.0

85 55.1 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.437 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

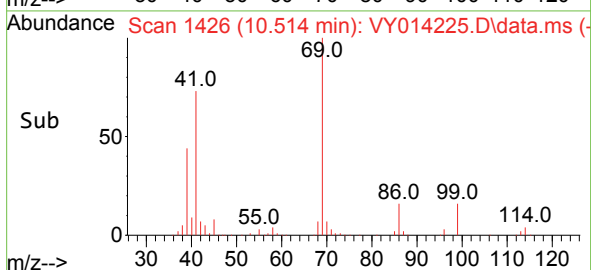
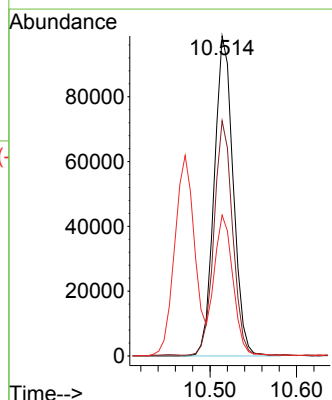
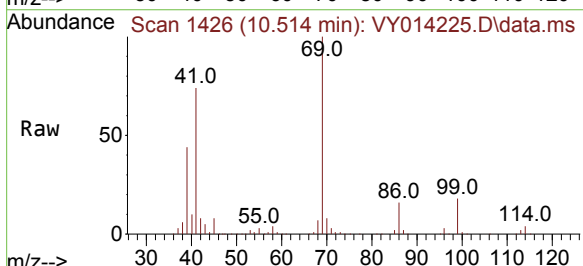
Tgt Ion: 69 Resp: 150557

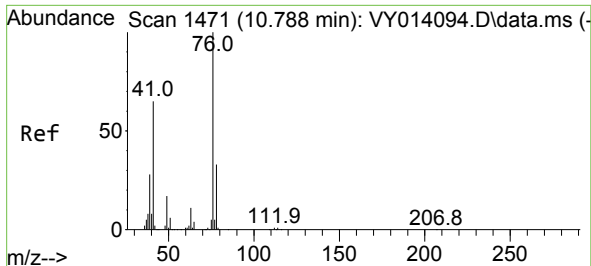
Ion Ratio Lower Upper

69 100

41 72.1 57.6 86.4

39 42.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 54.703 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

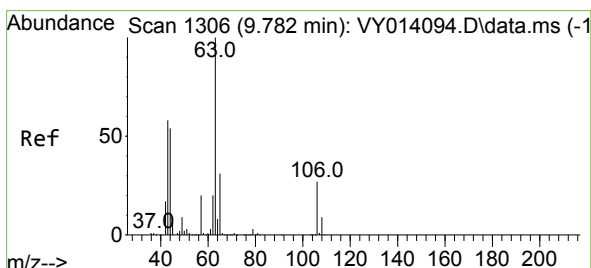
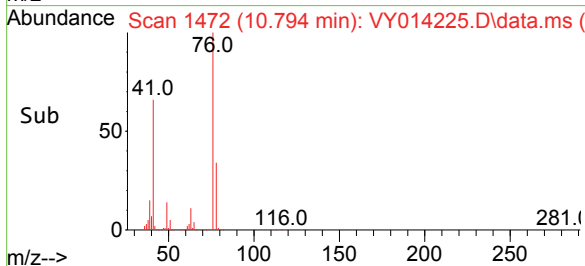
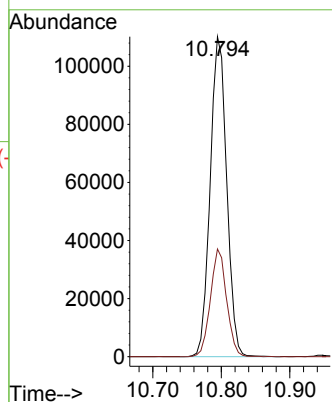
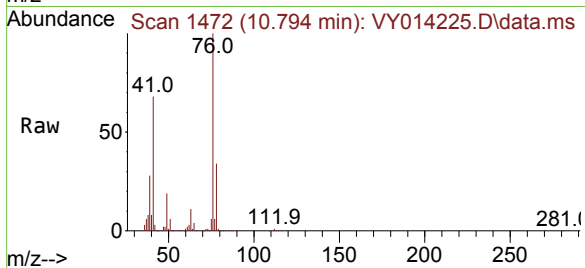
VSTDCCC050EC

Tgt Ion: 76 Resp: 184212

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 267.822 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY014225.D

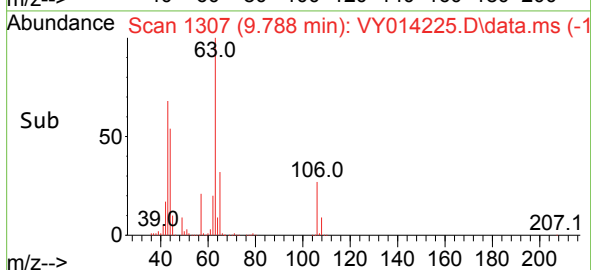
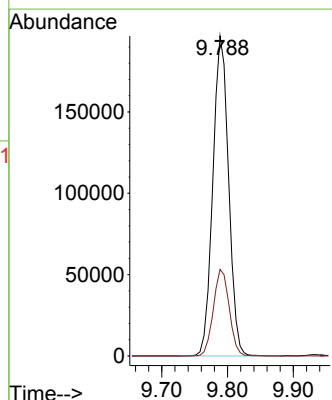
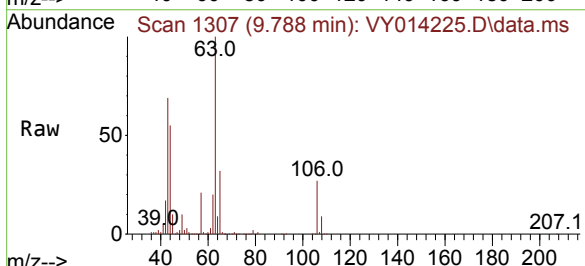
Acq: 16 Jun 2023 23:48

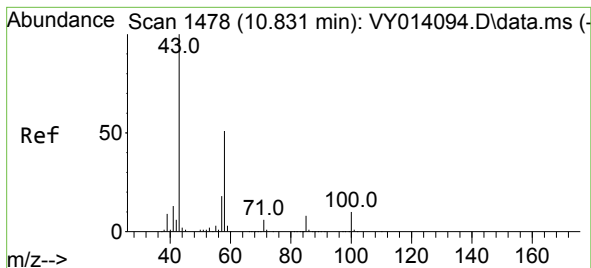
Tgt Ion: 63 Resp: 327809

Ion Ratio Lower Upper

63 100

106 27.2 21.2 31.8

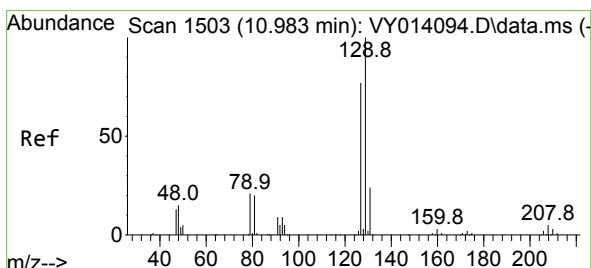
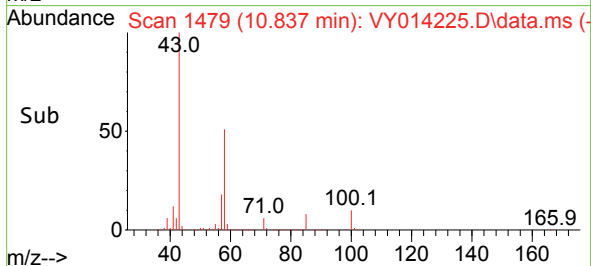
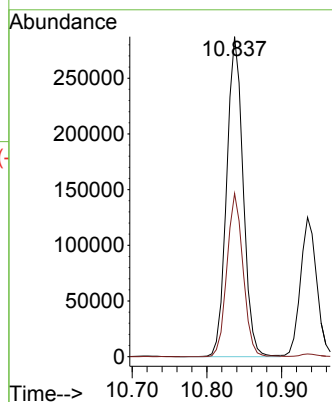
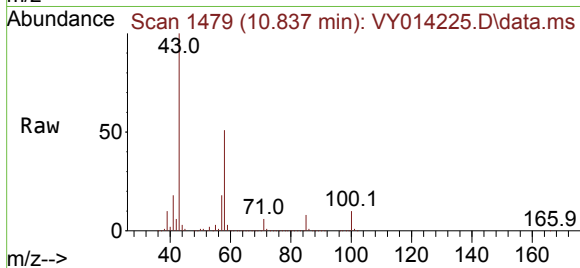




#59
2-Hexanone
Concen: 290.518 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

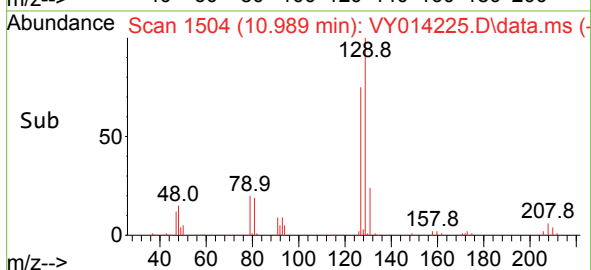
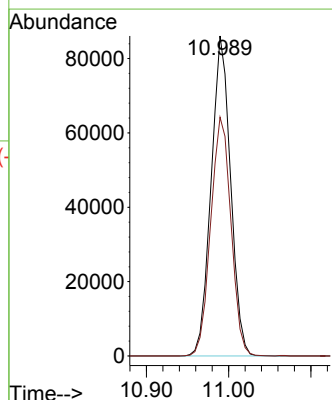
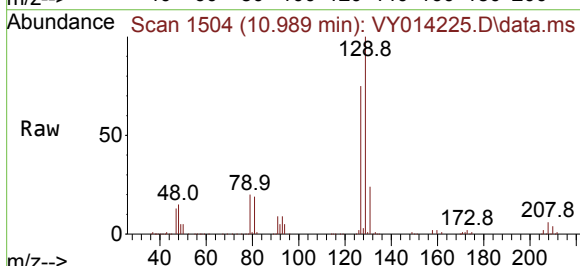
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

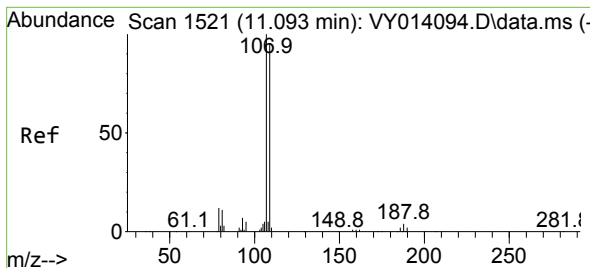
Tgt Ion: 43 Resp: 440175
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 56.108 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 129 Resp: 141397
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

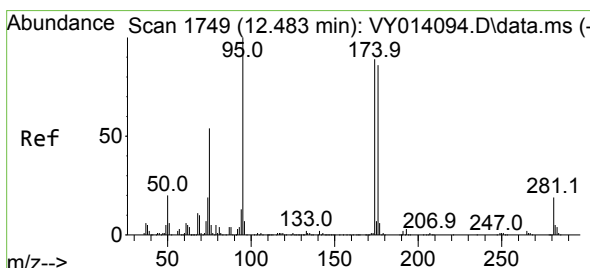
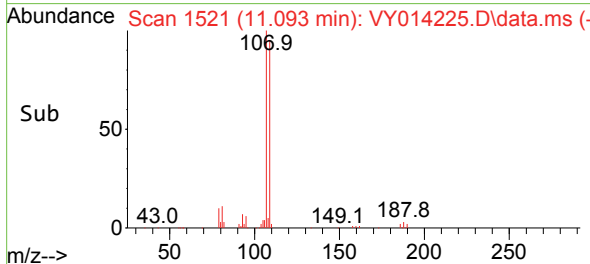
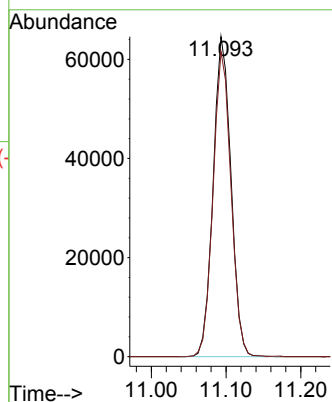
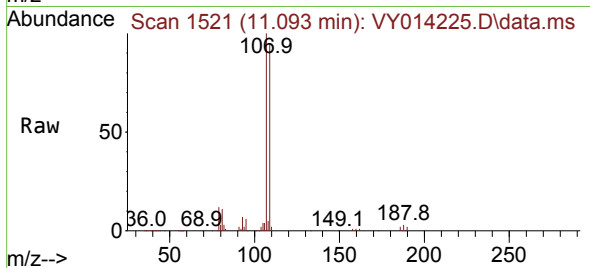




#61
1,2-Dibromoethane
Concen: 55.042 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

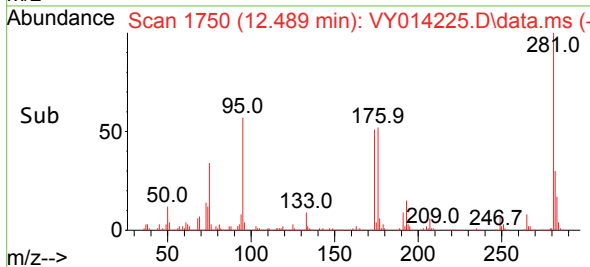
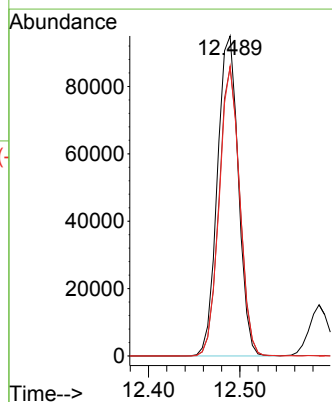
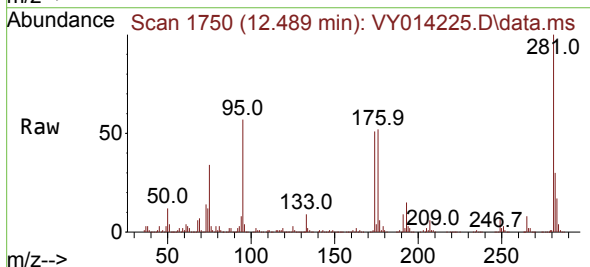
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

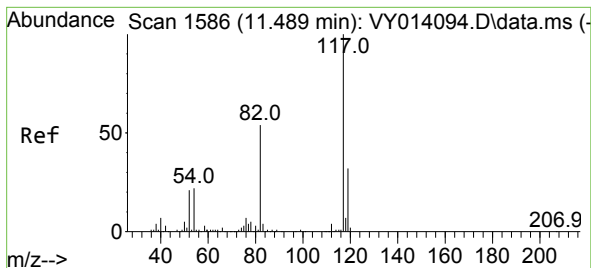
Tgt Ion:107 Resp: 106957
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.634 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 95 Resp: 151319
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 87.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

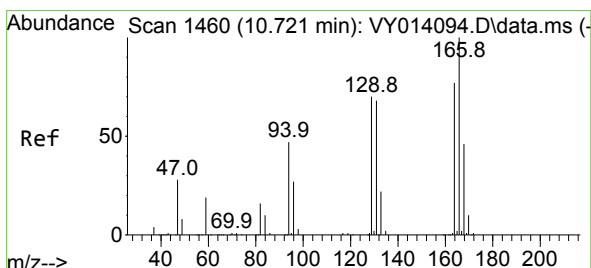
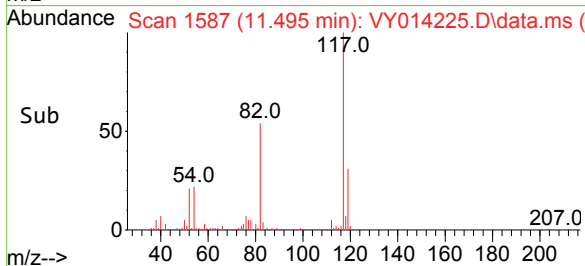
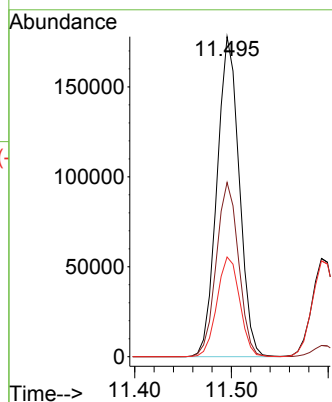
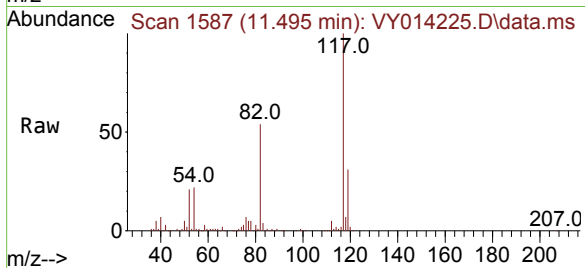
Tgt Ion:117 Resp: 284069

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 59.416 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Tgt Ion:164 Resp: 143864

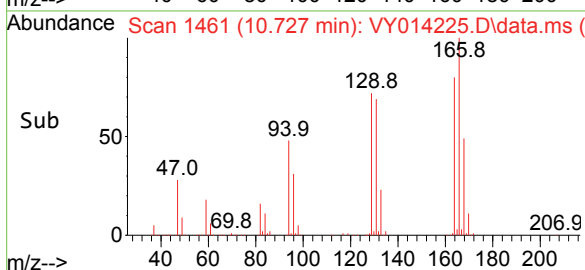
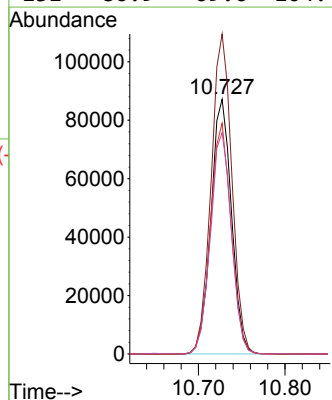
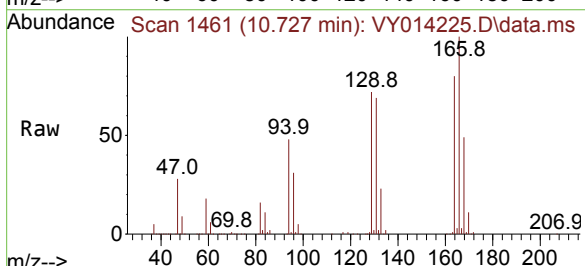
Ion Ratio Lower Upper

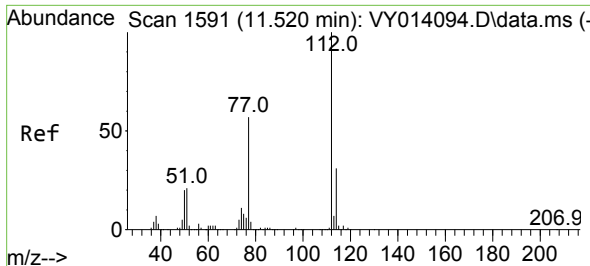
164 100

166 125.6 103.0 154.6

129 90.6 77.2 115.8

131 86.9 69.6 104.4

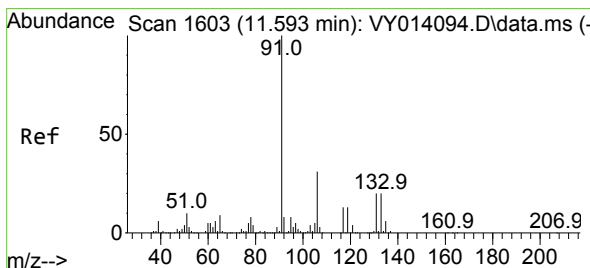
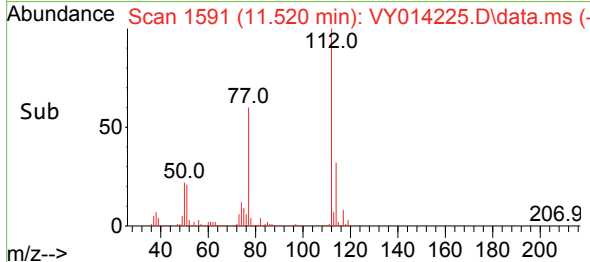
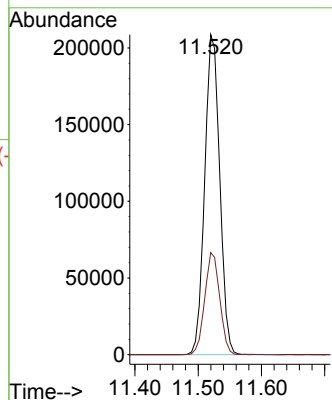
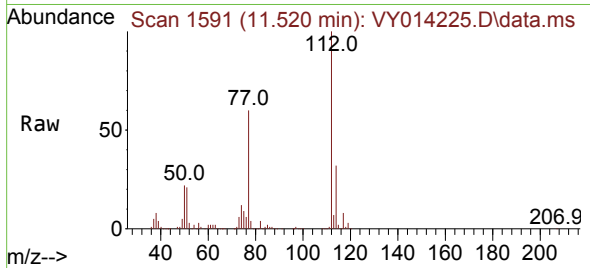




#65
Chlorobenzene
Concen: 50.633 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

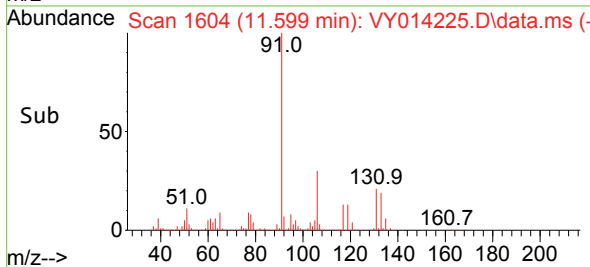
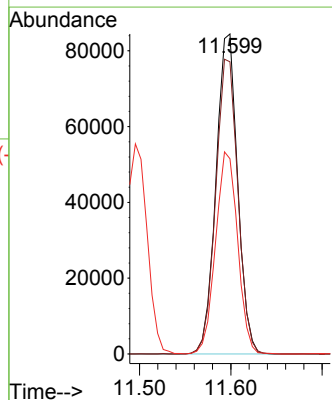
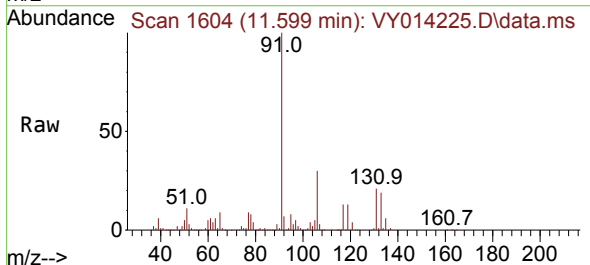
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

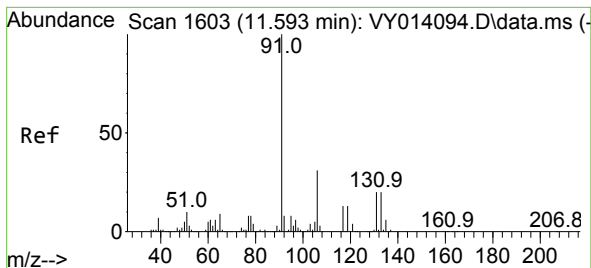
Tgt Ion:112 Resp: 345608
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.776 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion:131 Resp: 139004
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 52.378 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

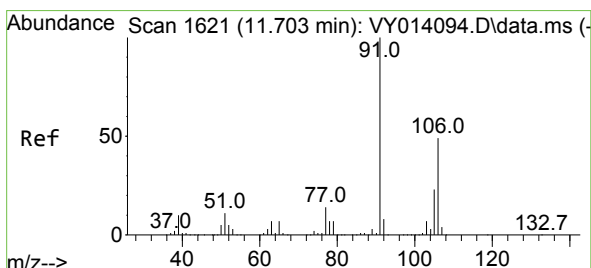
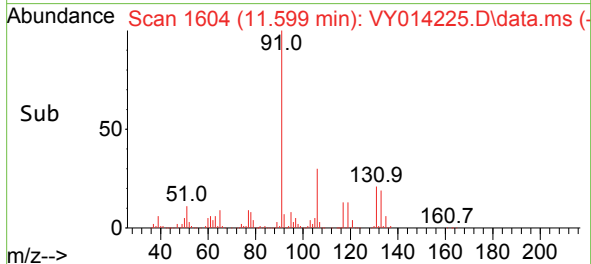
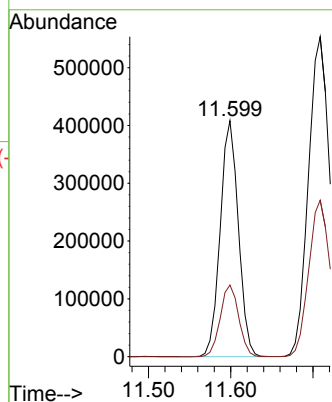
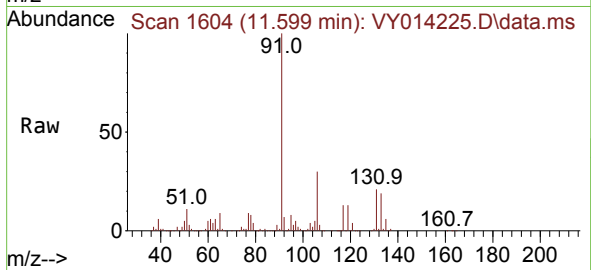
VSTDCCC050EC

Tgt Ion: 91 Resp: 625800

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 105.728 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014225.D

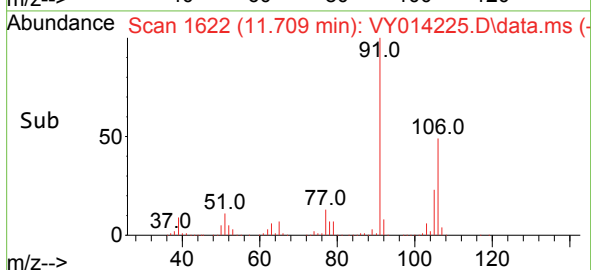
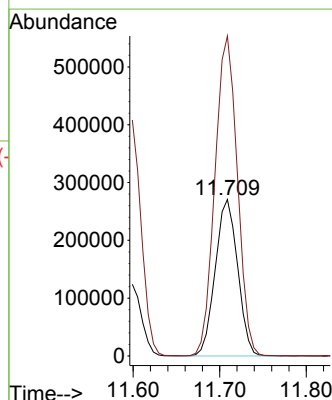
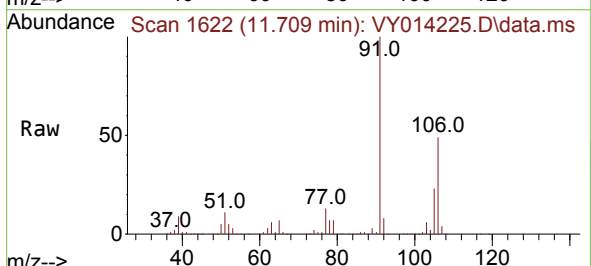
Acq: 16 Jun 2023 23:48

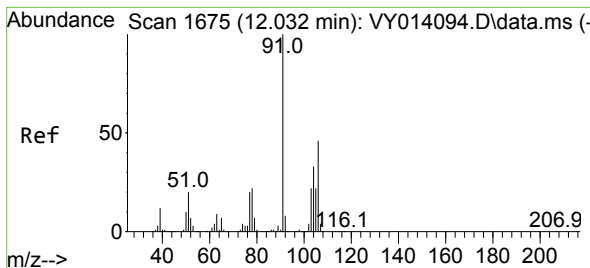
Tgt Ion:106 Resp: 485882

Ion Ratio Lower Upper

106 100

91 205.4 166.1 249.1

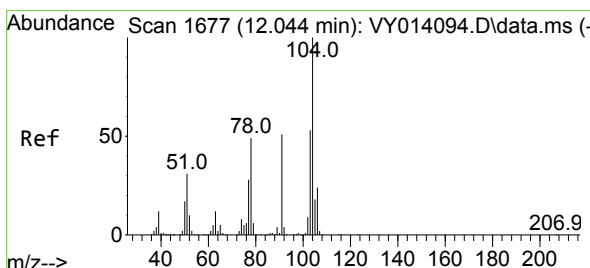
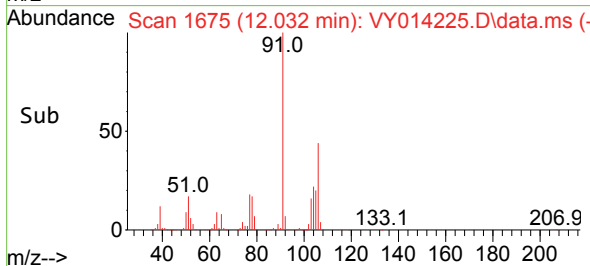
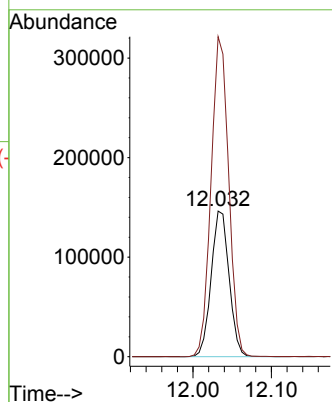
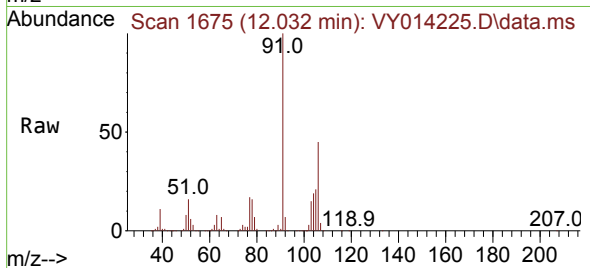




#69
o-Xylene
Concen: 53.483 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

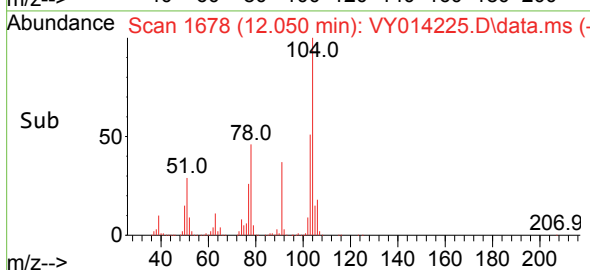
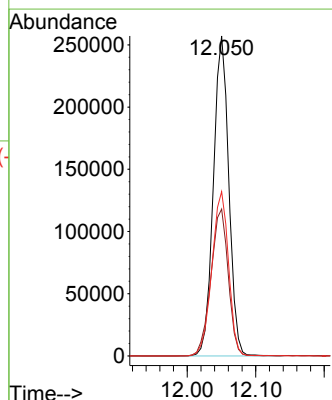
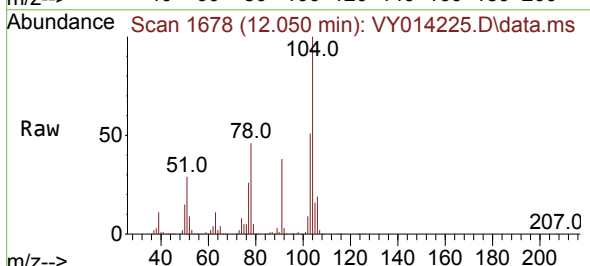
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

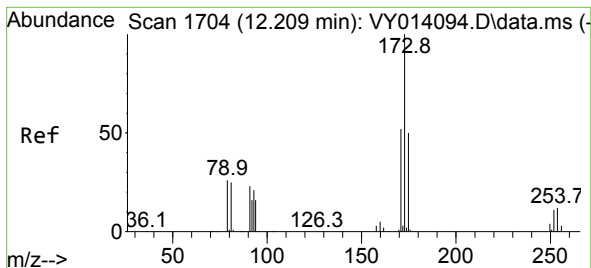
Tgt Ion:106 Resp: 232374
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.3



#70
Styrene
Concen: 54.223 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion:104 Resp: 402090
Ion Ratio Lower Upper
104 100
78 51.7 41.5 62.3
103 55.7 44.6 67.0





#71

Bromoform

Concen: 53.254 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

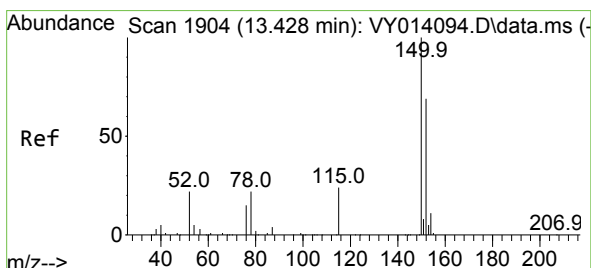
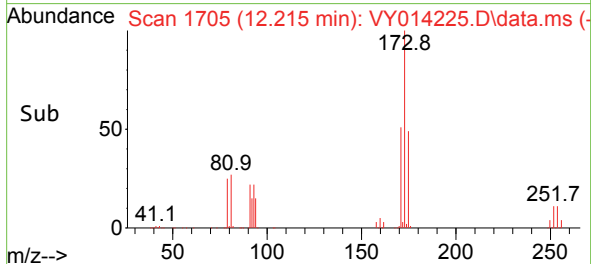
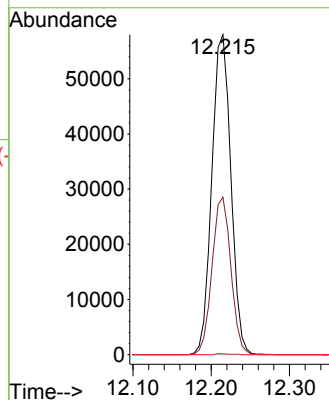
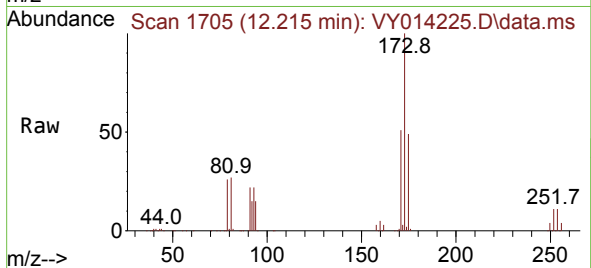
Tgt Ion:173 Resp: 97914

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

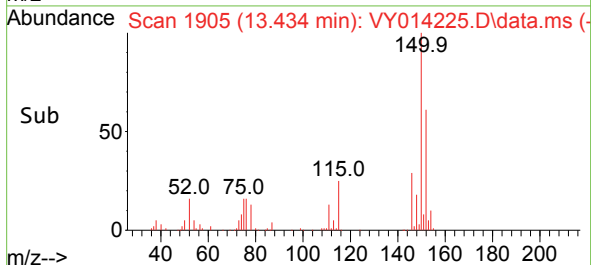
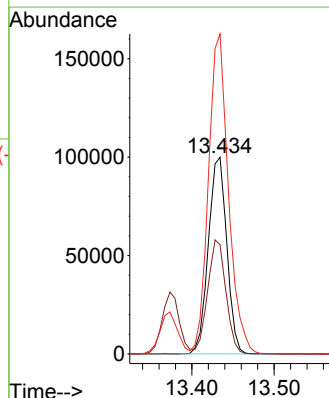
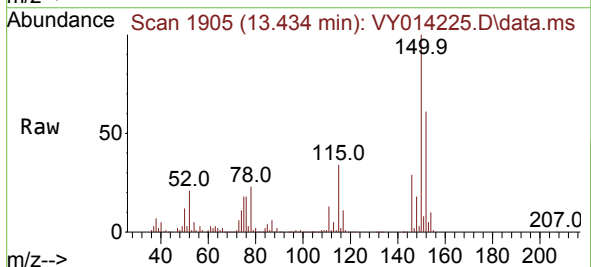
Tgt Ion:152 Resp: 156013

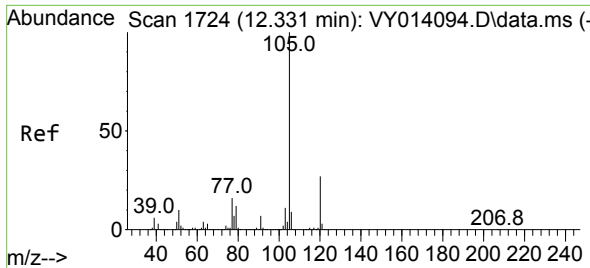
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 176.1 0.0 348.8

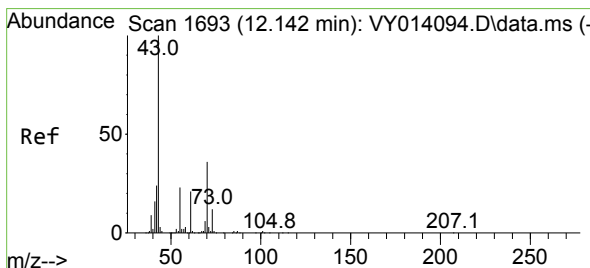
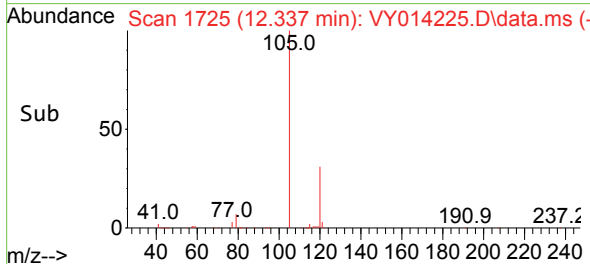
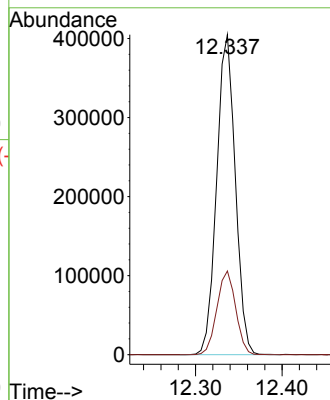
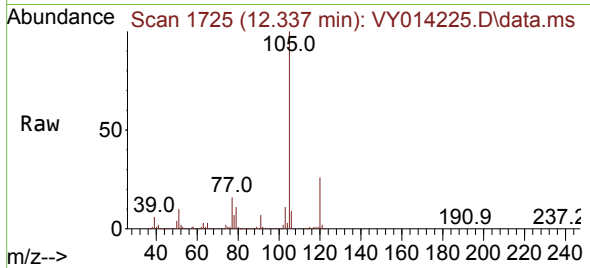




#73
Isopropylbenzene
Concen: 50.787 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

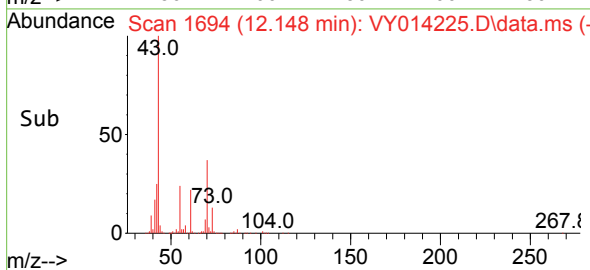
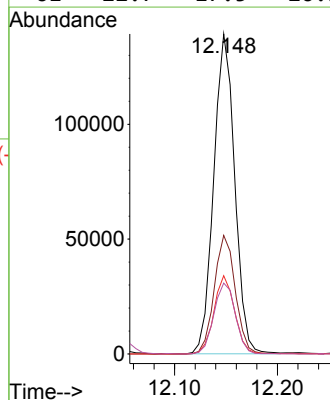
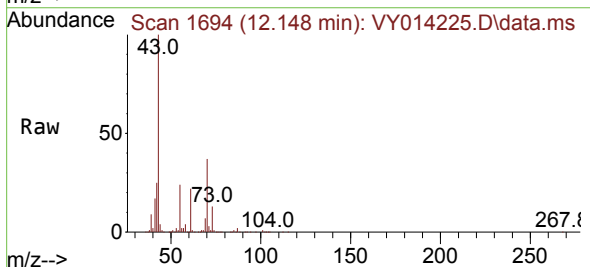
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

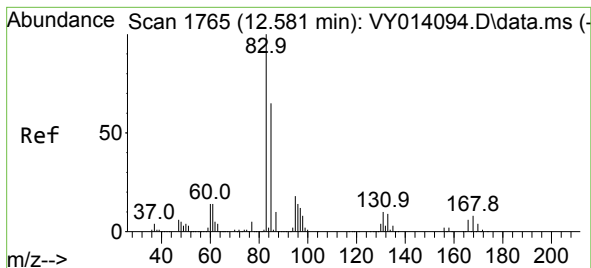
Tgt Ion:105 Resp: 604450
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 52.284 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 43 Resp: 197194
Ion Ratio Lower Upper
43 100
70 37.4 29.7 44.5
55 24.2 18.3 27.5
61 22.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.550 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

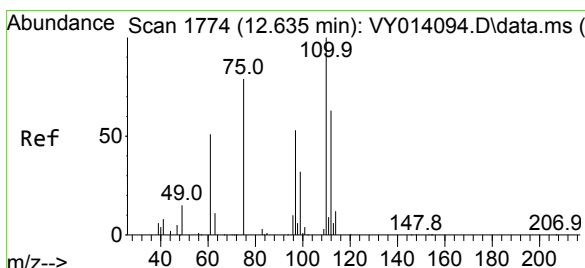
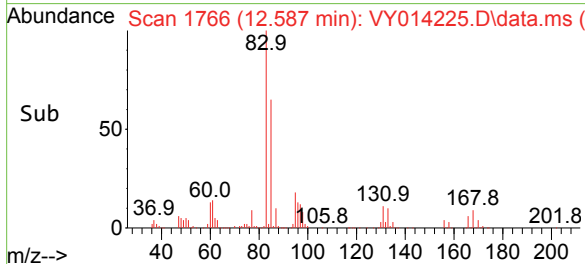
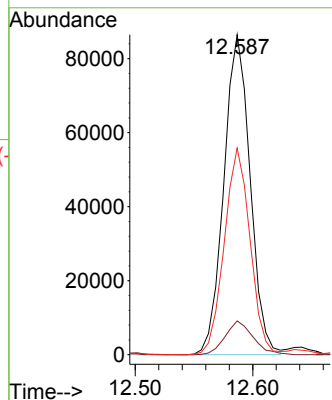
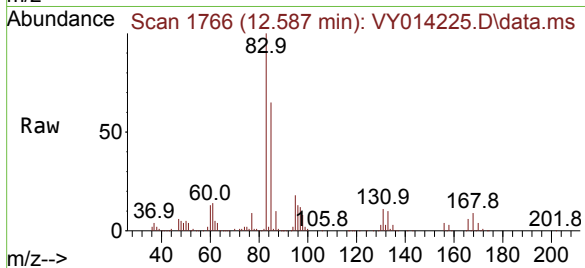
Tgt Ion: 83 Resp: 134432

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.624 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014225.D

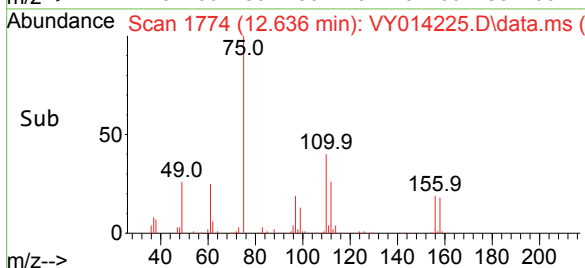
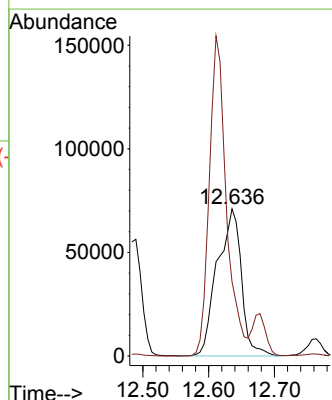
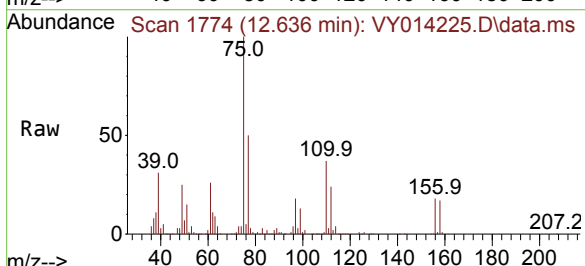
Acq: 16 Jun 2023 23:48

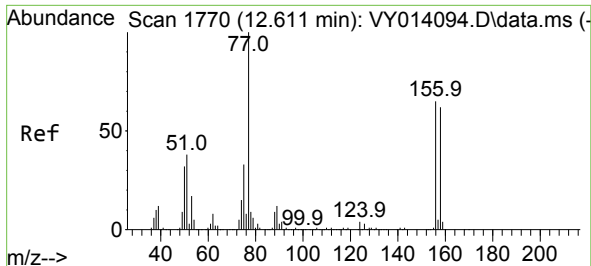
Tgt Ion: 75 Resp: 181400

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

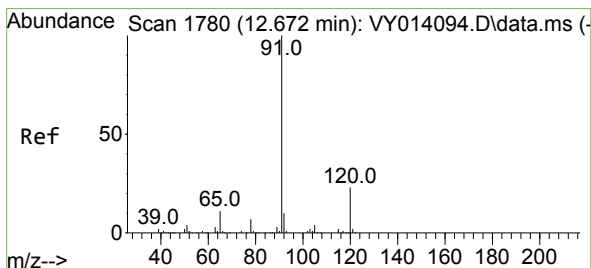
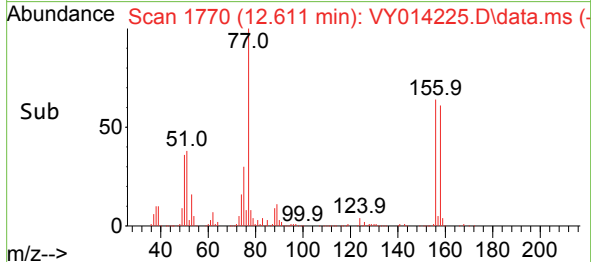
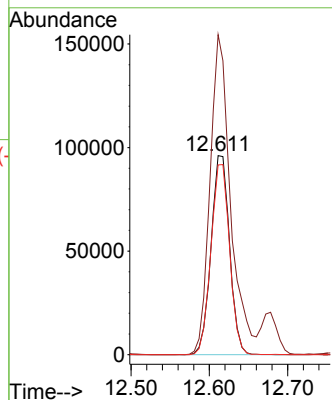
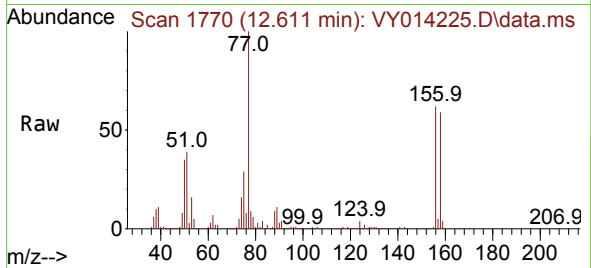




#77
Bromobenzene
Concen: 50.386 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

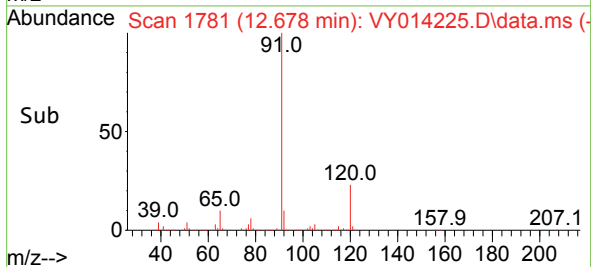
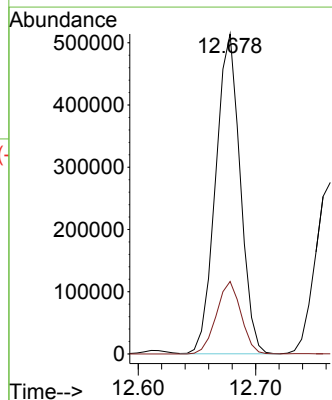
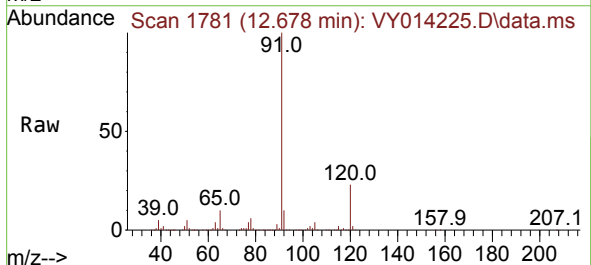
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

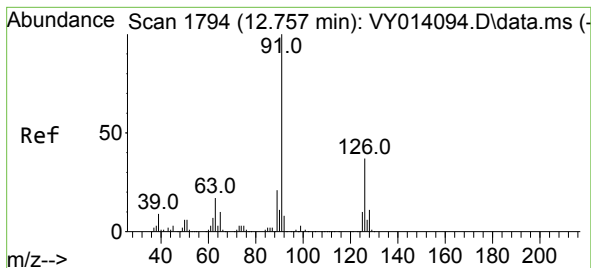
Tgt Ion:156 Resp: 157612
Ion Ratio Lower Upper
156 100
77 178.5 92.8 278.6
158 96.5 48.4 145.3



#78
n-propylbenzene
Concen: 51.293 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 91 Resp: 745642
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.891 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

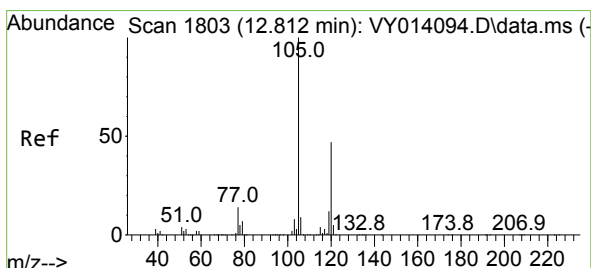
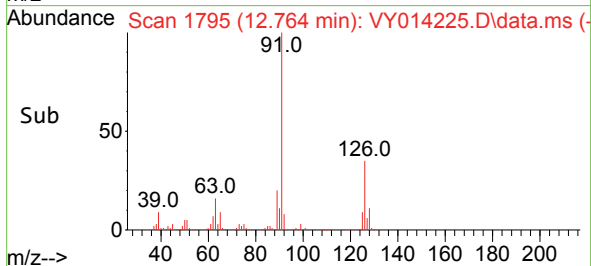
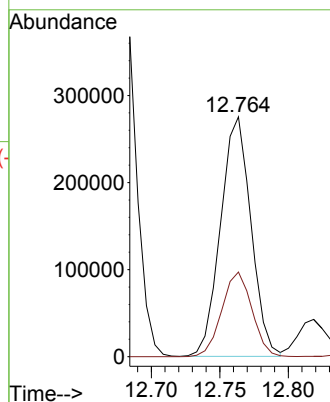
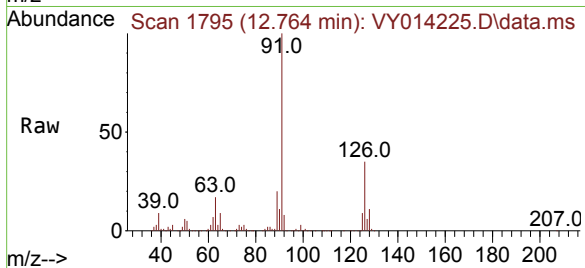
VSTDCCC050EC

Tgt Ion: 91 Resp: 425673

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.589 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY014225.D

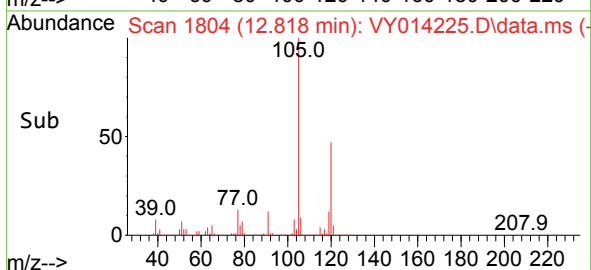
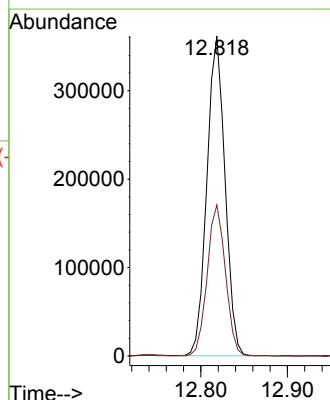
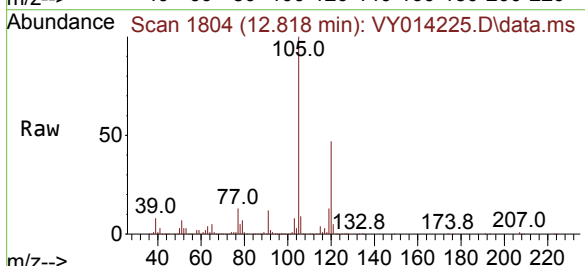
Acq: 16 Jun 2023 23:48

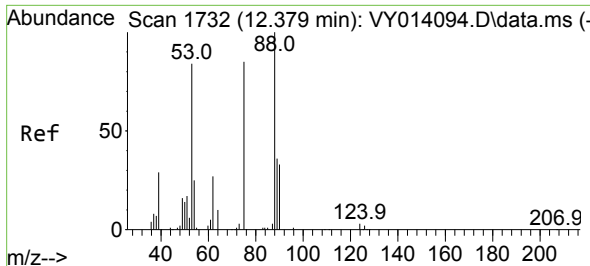
Tgt Ion:105 Resp: 525733

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7

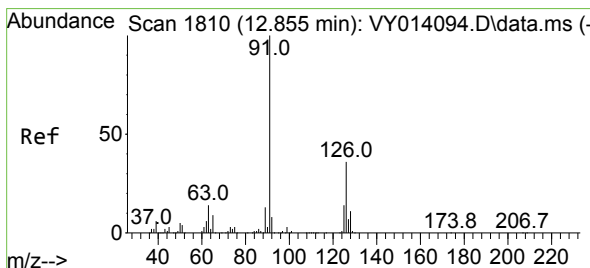
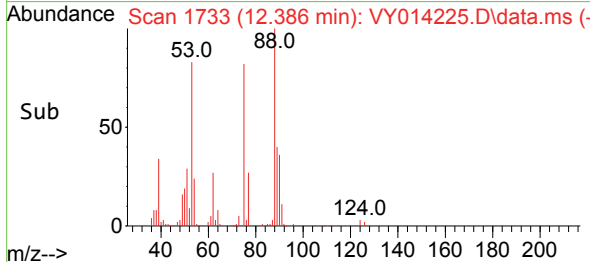
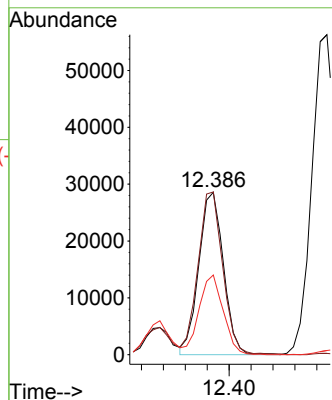
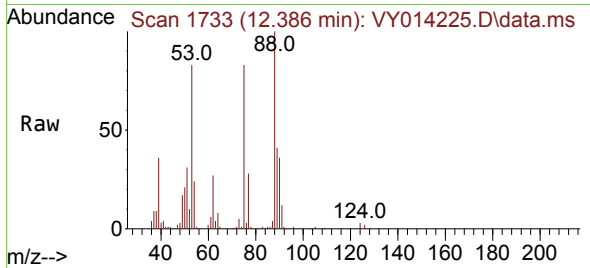




#81
trans-1,4-Dichloro-2-butene
Concen: 47.072 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

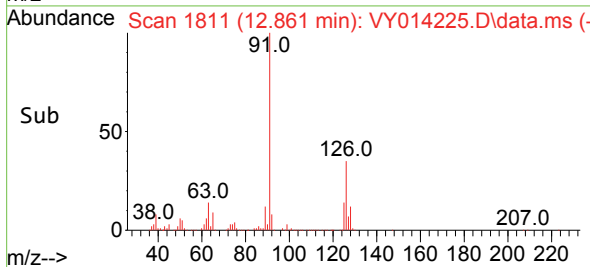
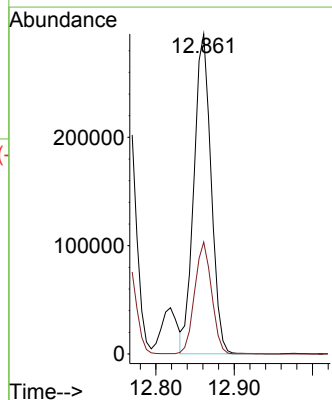
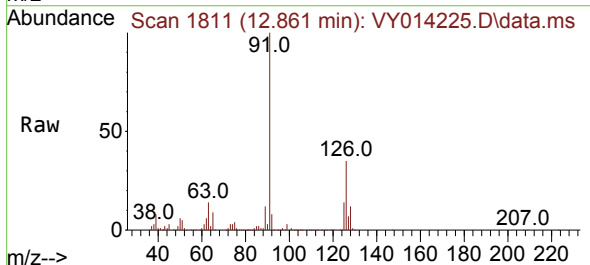
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

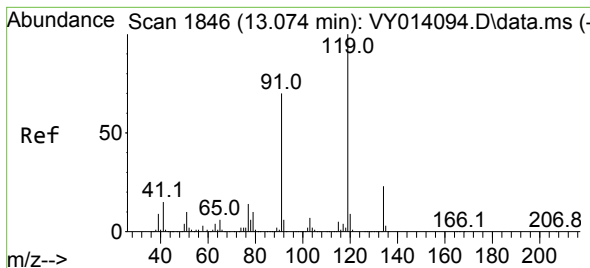
Tgt Ion: 75 Resp: 44573
Ion Ratio Lower Upper
75 100
53 101.0 77.8 116.8
89 48.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.669 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY014225.D
Acq: 16 Jun 2023 23:48

Tgt Ion: 91 Resp: 449119
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.480 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

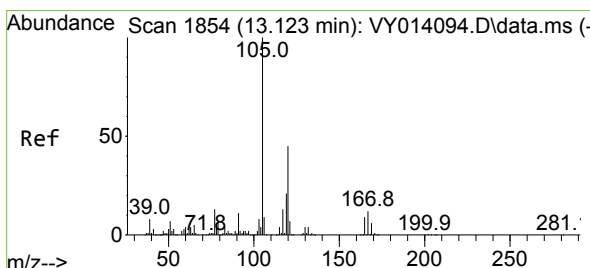
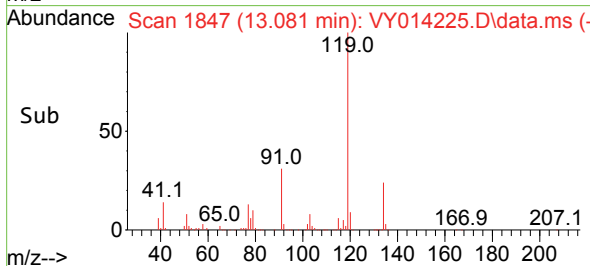
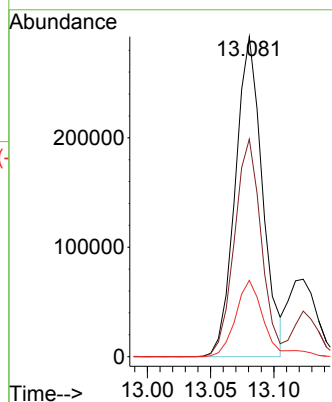
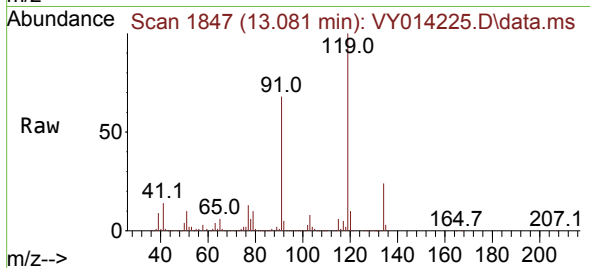
Tgt Ion:119 Resp: 437156

Ion Ratio Lower Upper

119 100

91 67.1 32.9 98.6

134 25.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.077 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014225.D

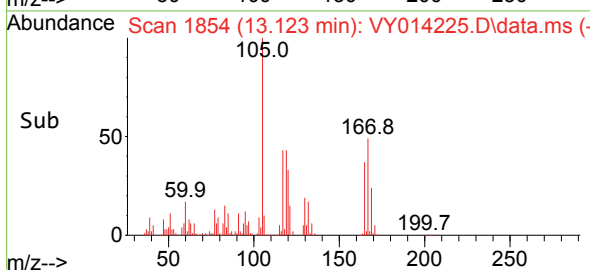
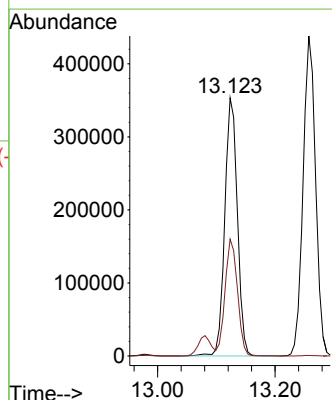
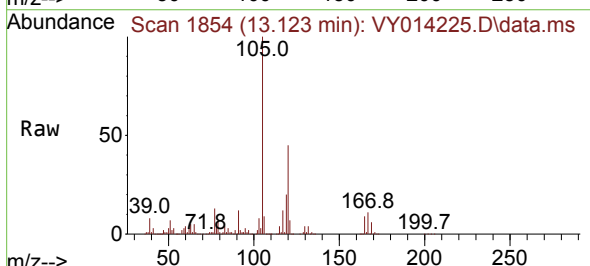
Acq: 16 Jun 2023 23:48

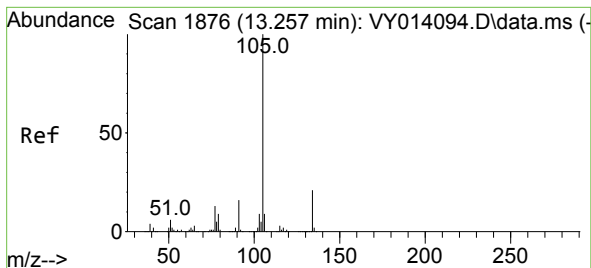
Tgt Ion:105 Resp: 525331

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.301 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

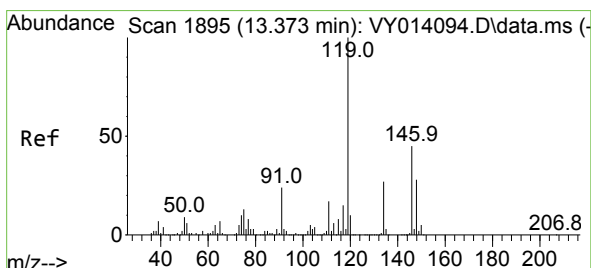
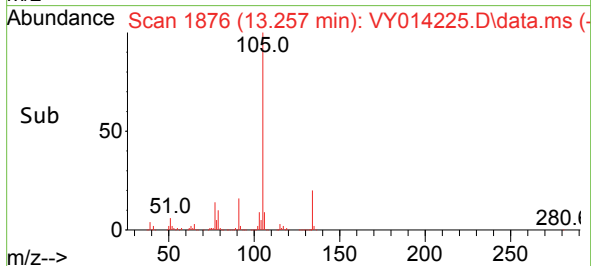
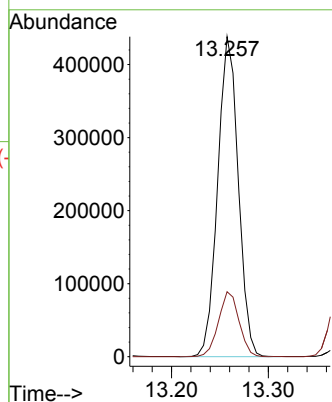
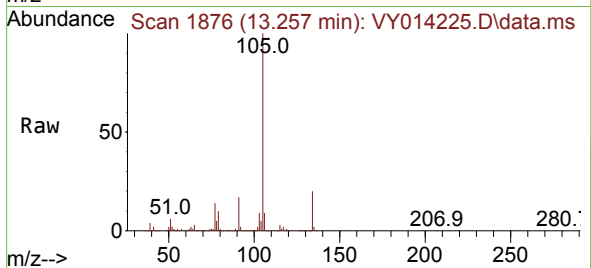
VSTDCCC050EC

Tgt Ion:105 Resp: 645907

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.555 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

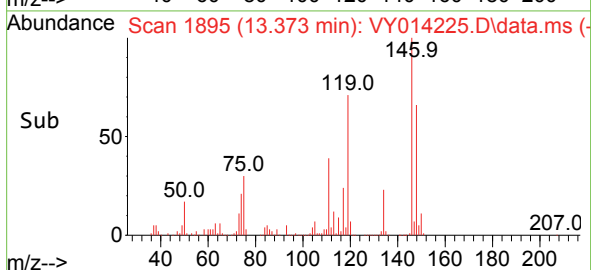
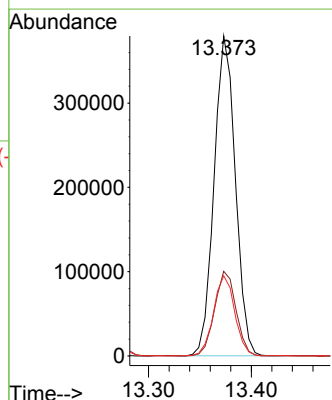
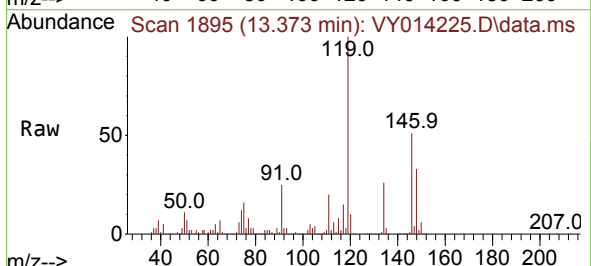
Tgt Ion:119 Resp: 544757

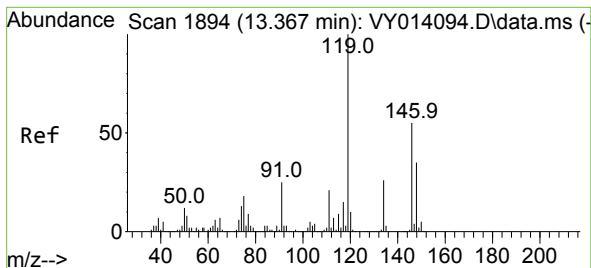
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.878 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

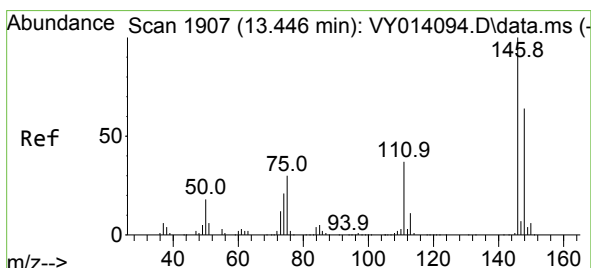
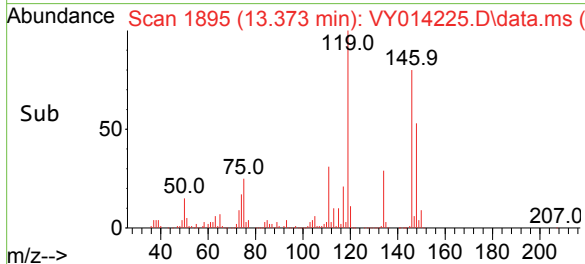
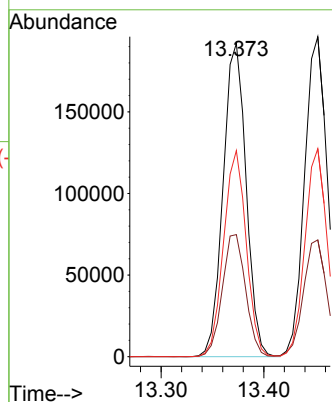
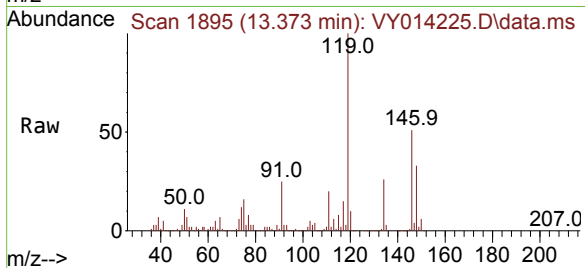
Tgt Ion:146 Resp: 297894

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 64.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.475 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

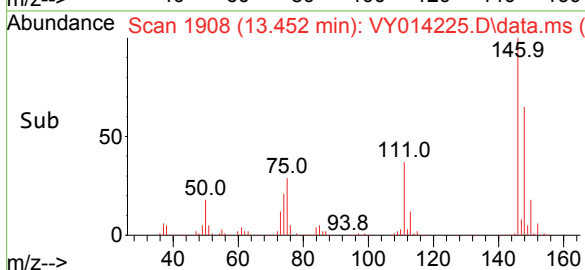
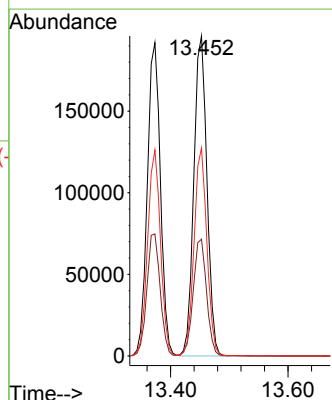
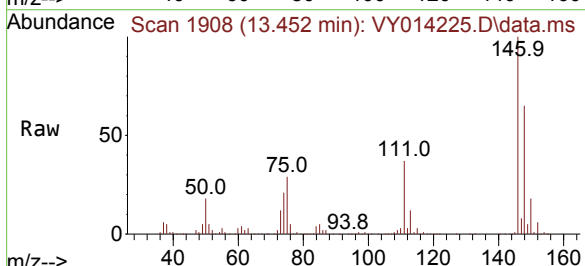
Tgt Ion:146 Resp: 303733

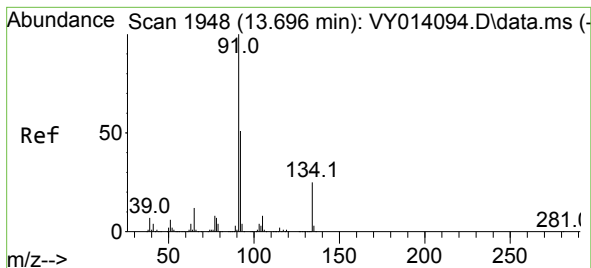
Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 51.342 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

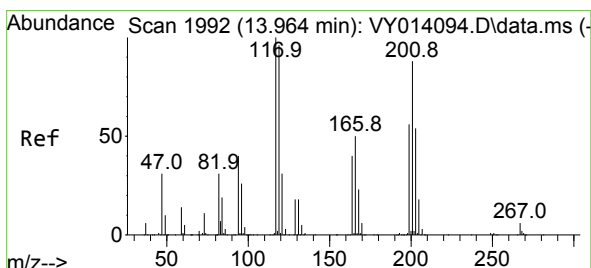
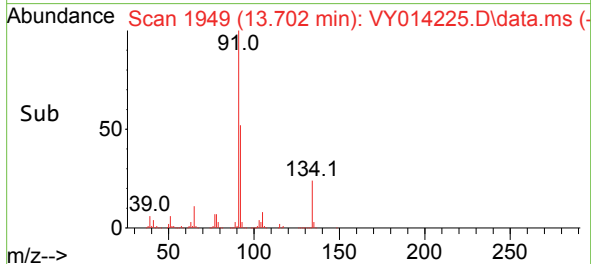
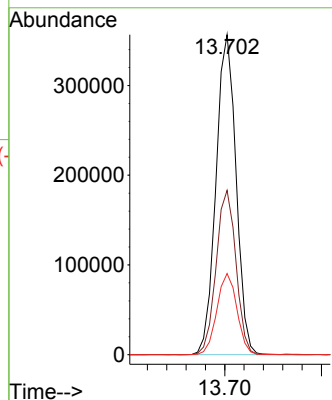
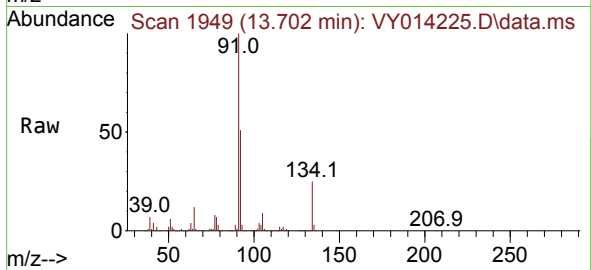
Tgt Ion: 91 Resp: 513129

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 51.310 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014225.D

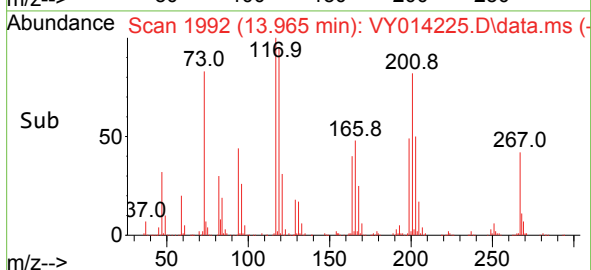
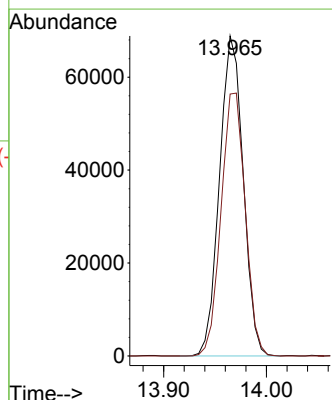
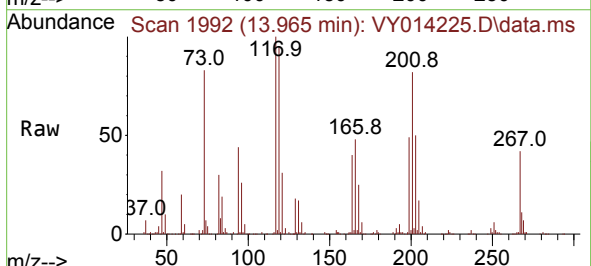
Acq: 16 Jun 2023 23:48

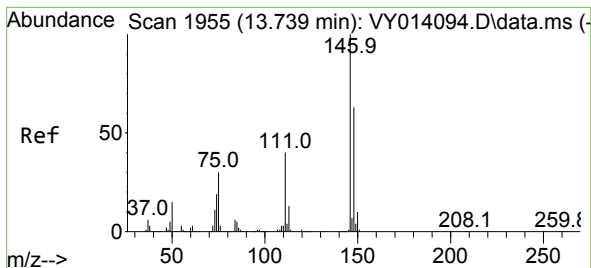
Tgt Ion: 117 Resp: 110171

Ion Ratio Lower Upper

117 100

201 83.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.338 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

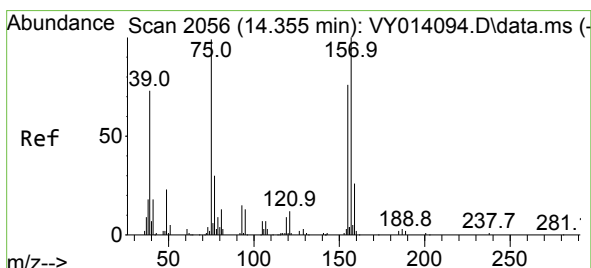
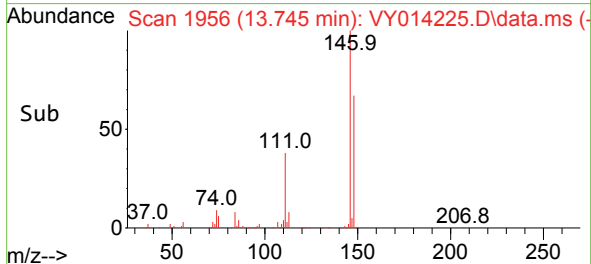
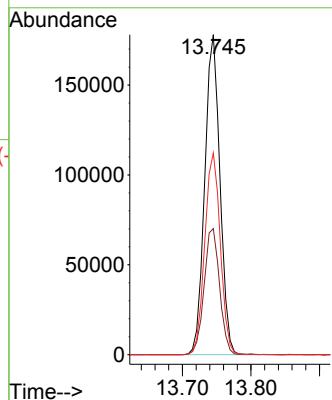
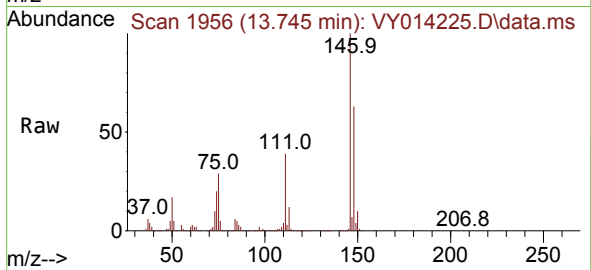
Tgt Ion:146 Resp: 275382

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.567 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

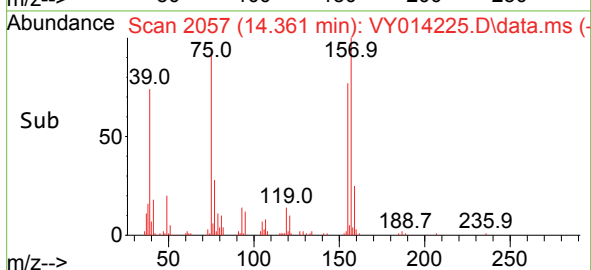
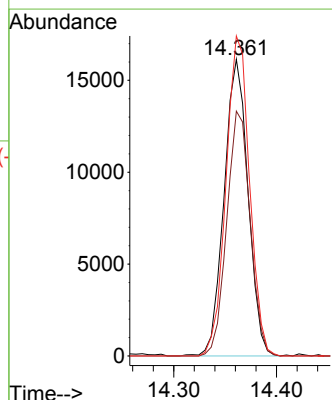
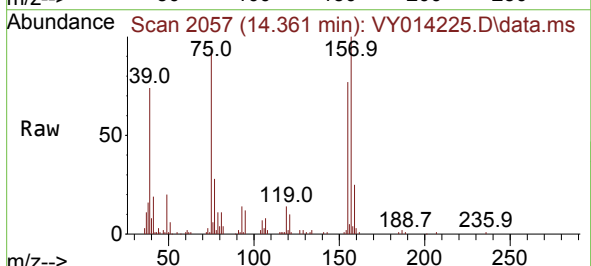
Tgt Ion: 75 Resp: 26115

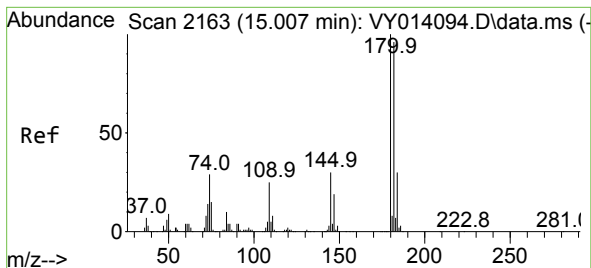
Ion Ratio Lower Upper

75 100

155 80.8 41.5 124.6

157 106.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.196 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

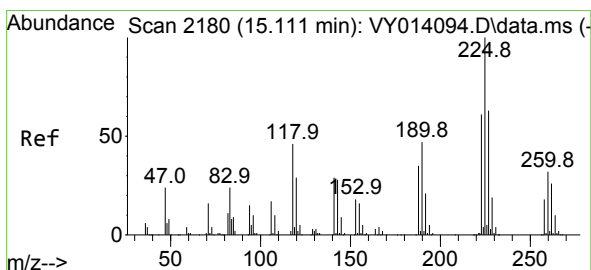
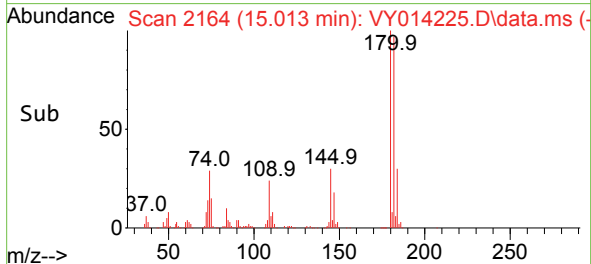
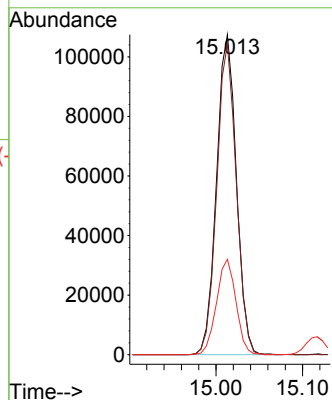
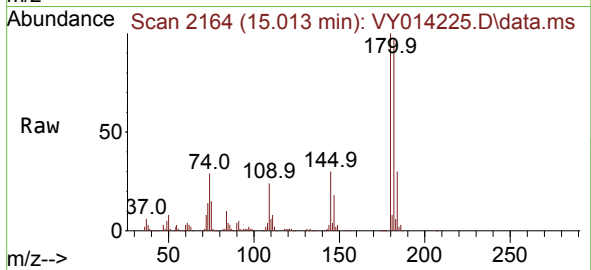
Tgt Ion:180 Resp: 170572

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.923 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

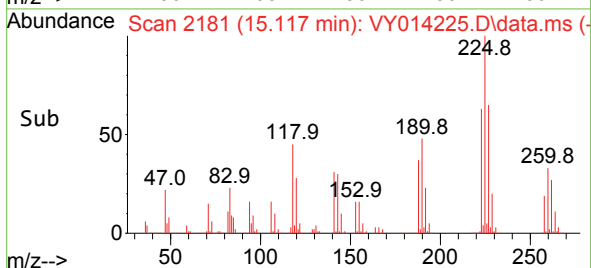
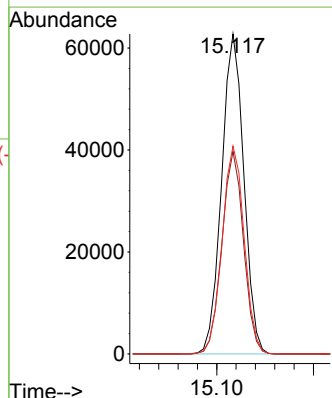
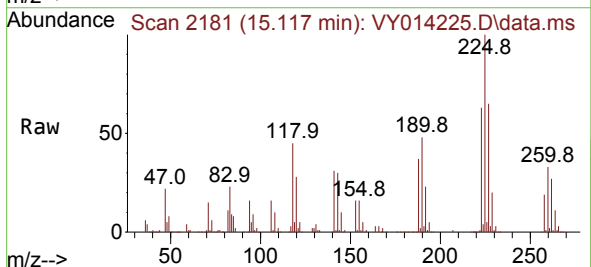
Tgt Ion:225 Resp: 99901

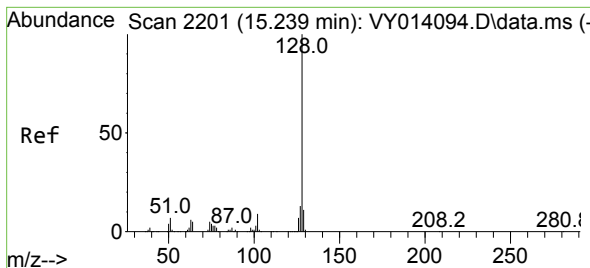
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 52.129 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

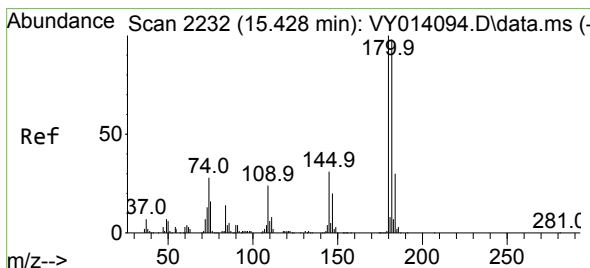
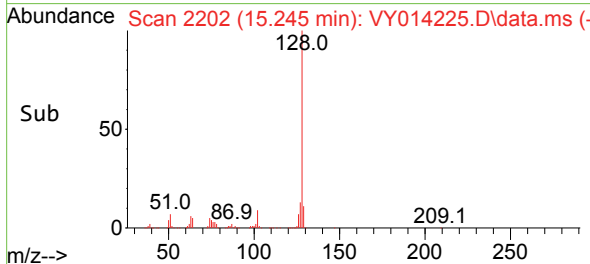
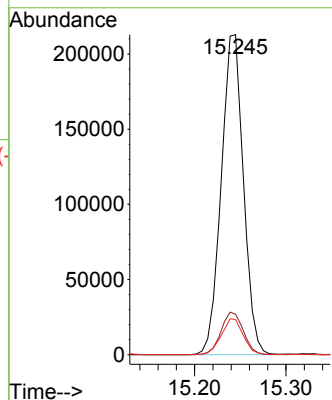
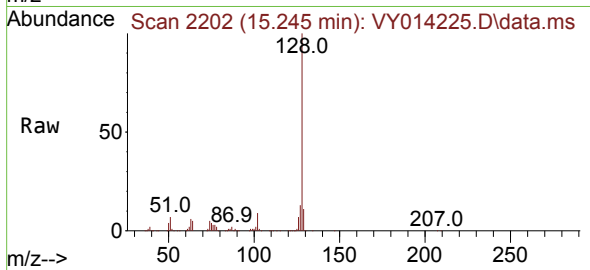
Tgt Ion:128 Resp: 359552

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.793 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014225.D

Acq: 16 Jun 2023 23:48

Tgt Ion:180 Resp: 155963

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 31.3 15.4 46.2

