

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014419.D
 Acq On : 23 Jun 2023 19:45
 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 23 23:15:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	225784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153887	54.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.722	113	110238	51.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.185	98	427499	50.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.483	95	158189	51.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88799	42.369	ug/l	99
3) Chloromethane	2.113	50	92533	45.116	ug/l	97
4) Vinyl Chloride	2.253	62	98506	44.066	ug/l	99
5) Bromomethane	2.650	94	93724	47.718	ug/l	97
6) Chloroethane	2.796	64	70722	47.762	ug/l	98
7) Trichlorofluoromethane	3.125	101	206722	46.839	ug/l	98
8) Diethyl Ether	3.534	74	67998	50.533	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	94709	45.405	ug/l	94
10) Methyl Iodide	4.095	142	116411	42.676	ug/l	94
11) Tert butyl alcohol	4.960	59	99372	280.480	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	98560	47.384	ug/l	97
13) Acrolein	3.735	56	90808	242.485	ug/l	98
14) Allyl chloride	4.485	41	158862	47.821	ug/l	91
15) Acrylonitrile	5.168	53	195939	260.408	ug/l	100
16) Acetone	3.954	43	181081	205.283	ug/l	96
17) Carbon Disulfide	4.198	76	303085	47.085	ug/l	98
18) Methyl Acetate	4.479	43	151221	49.867	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	354166	55.358	ug/l	98
20) Methylene Chloride	4.716	84	135784	53.713	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	114458	50.045	ug/l	98
22) Diisopropyl ether	6.125	45	334018	50.595	ug/l	96
23) Vinyl Acetate	6.064	43	1075007	318.933	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	194839	49.701	ug/l	99
25) 2-Butanone	6.990	43	260083	236.721	ug/l	95
26) 2,2-Dichloropropane	6.990	77	188959	45.585	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	131785	51.187	ug/l	95
28) Bromochloromethane	7.338	49	86777	50.756	ug/l #	81
29) Tetrahydrofuran	7.350	42	171855	262.324	ug/l	89
30) Chloroform	7.515	83	229602	51.920	ug/l	97
31) Cyclohexane	7.789	56	153543	44.343	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	214815	51.033	ug/l	99
36) 1,1-Dichloropropene	7.923	75	155685	47.056	ug/l	98
37) Ethyl Acetate	7.082	43	113133	49.618	ug/l	97
38) Carbon Tetrachloride	7.905	117	203156	48.795	ug/l	99
39) Methylcyclohexane	9.185	83	176991	46.498	ug/l	95
40) Benzene	8.167	78	465387	49.665	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	167887	148.576	ug/l #	41
42) 1,2-Dichloroethane	8.240	62	187581	52.799	ug/l	98
43) Isopropyl Acetate	8.277	43	204798	50.868	ug/l	96
44) Trichloroethene	8.941	130	130321	48.440	ug/l	95
45) 1,2-Dichloropropane	9.222	63	107728	48.758	ug/l	94
46) Dibromomethane	9.313	93	77861	51.568	ug/l	95
47) Bromodichloromethane	9.502	83	180657	51.335	ug/l	98
48) Methyl methacrylate	9.295	41	97761	52.281	ug/l	93
49) 1,4-Dioxane	9.301	88	25442	1077.674	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	586529	258.123	ug/l	97
52) Toluene	10.246	92	307170	50.947	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	199128	52.191	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	200136	50.855	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	104374	51.624	ug/l	97
56) Ethyl methacrylate	10.514	69	157285	54.473	ug/l	96
57) 1,3-Dichloropropane	10.795	76	178649	52.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	366287	270.816	ug/l	92
59) 2-Hexanone	10.837	43	440309	257.154	ug/l	98
60) Dibromochloromethane	10.990	129	144958	54.048	ug/l	99
61) 1,2-Dibromoethane	11.093	107	106744	53.027	ug/l	99
64) Tetrachloroethene	10.721	164	139966	48.907	ug/l	97
65) Chlorobenzene	11.520	112	339408	49.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	140675	50.545	ug/l	98
67) Ethyl Benzene	11.593	91	608547	49.462	ug/l	100
68) m/p-Xylenes	11.709	106	475240	98.896	ug/l	99
69) o-Xylene	12.032	106	227769	49.812	ug/l	98
70) Styrene	12.044	104	406532	51.873	ug/l	99
71) Bromoform	12.209	173	105917	51.492	ug/l #	100
73) Isopropylbenzene	12.331	105	602702	47.905	ug/l	100
74) N-amyl acetate	12.148	43	197375	49.536	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	129680	48.231	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	191046	81.511	ug/l #	100
77) Bromobenzene	12.611	156	160173	48.964	ug/l	94
78) n-propylbenzene	12.672	91	722042	47.570	ug/l	98
79) 2-Chlorotoluene	12.758	91	423328	48.835	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	531447	48.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	48008	46.633	ug/l	93
82) 4-Chlorotoluene	12.855	91	448504	48.568	ug/l	99
83) tert-Butylbenzene	13.075	119	459490	49.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	535406	49.646	ug/l	99
85) sec-Butylbenzene	13.258	105	648469	48.061	ug/l	99
86) p-Isopropyltoluene	13.373	119	566420	48.486	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	311567	49.380	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	311148	49.052	ug/l	99
89) n-Butylbenzene	13.696	91	510516	47.829	ug/l	98
90) Hexachloroethane	13.965	117	105638	47.533	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	287876	49.978	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30909	52.013	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	190703	50.959	ug/l	98
94) Hexachlorobutadiene	15.117	225	106368	47.318	ug/l	98
95) Naphthalene	15.239	128	427126	53.087	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	173298	50.857	ug/l	98

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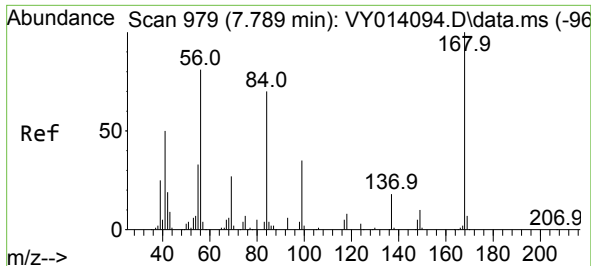
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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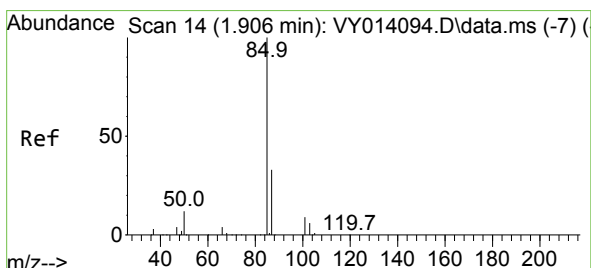
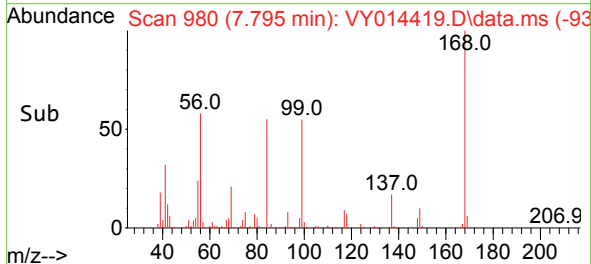
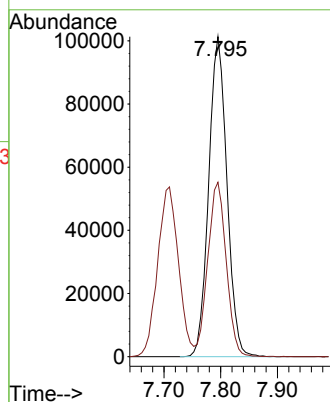
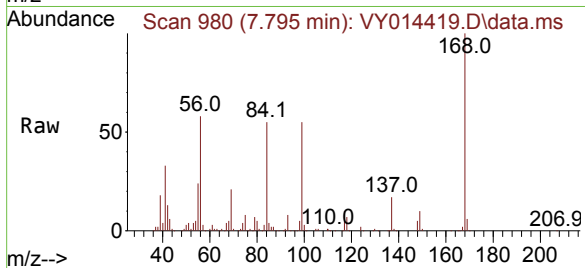




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY014419.D
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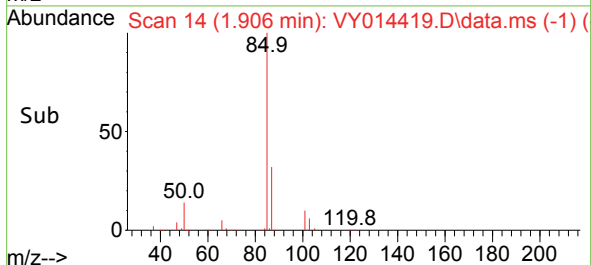
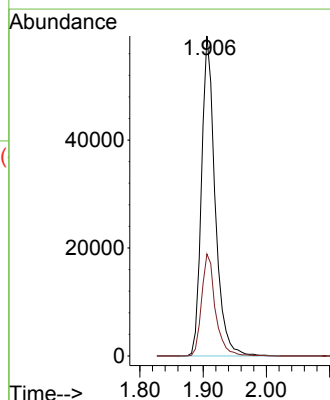
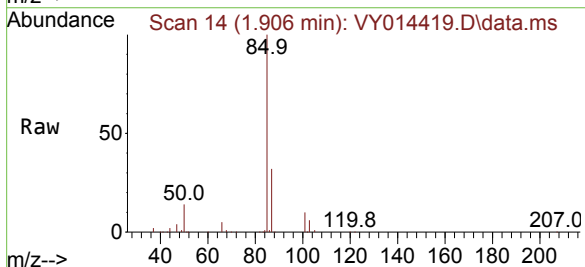
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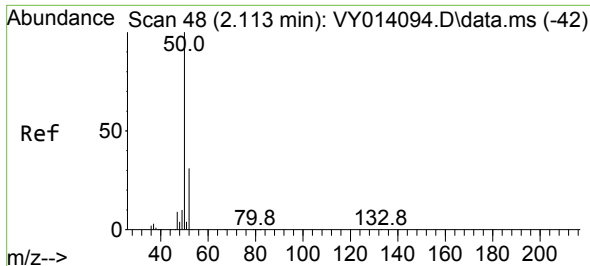
Tgt Ion:168 Resp: 225784
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.369 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 85 Resp: 88799
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

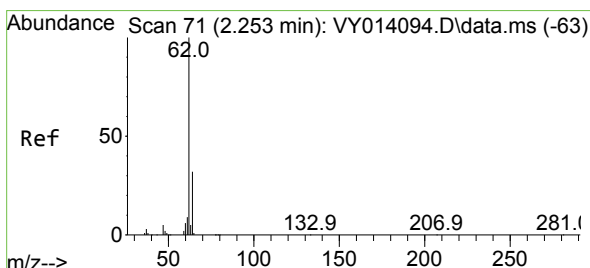
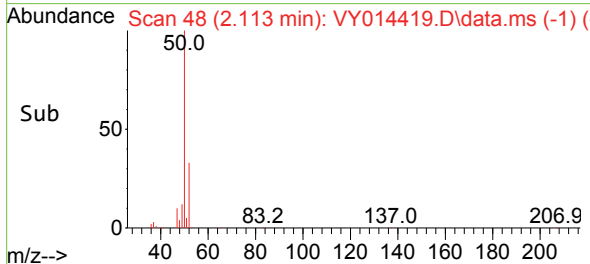
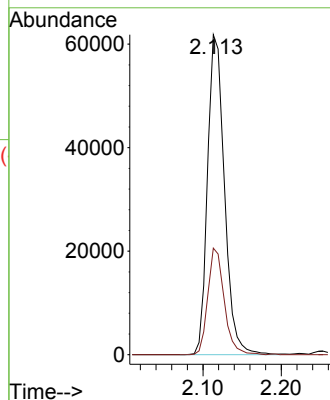
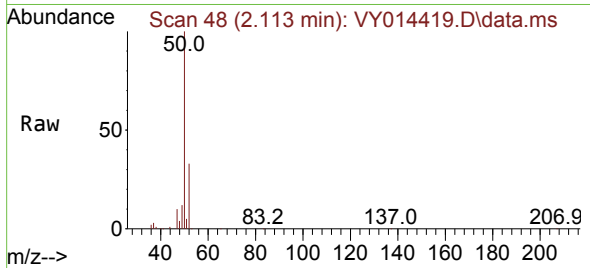




#3
Chloromethane
Concen: 45.116 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

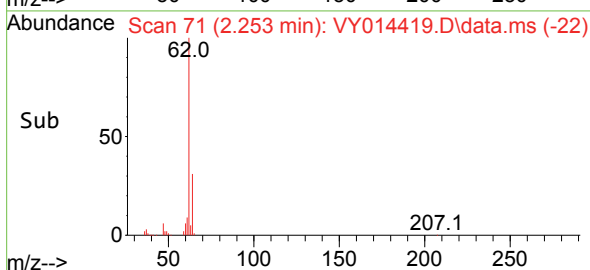
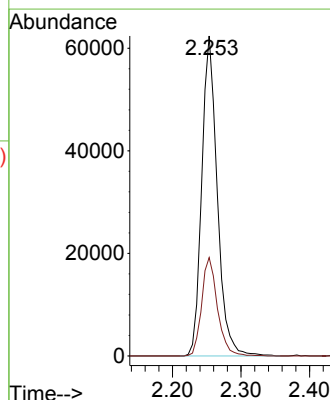
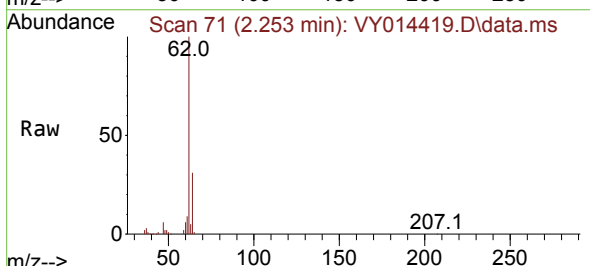
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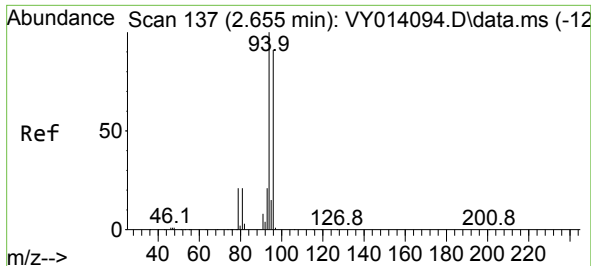
Tgt Ion: 50 Resp: 92533
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 44.066 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 62 Resp: 98506
Ion Ratio Lower Upper
62 100
64 30.8 24.3 36.5

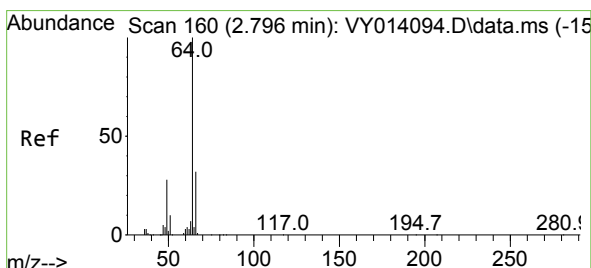
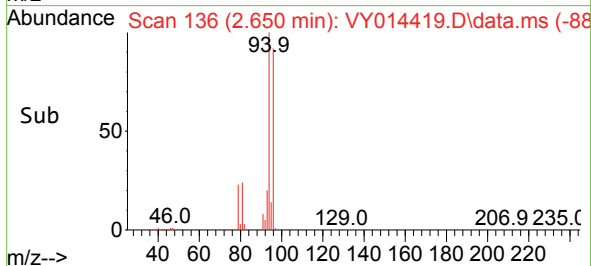
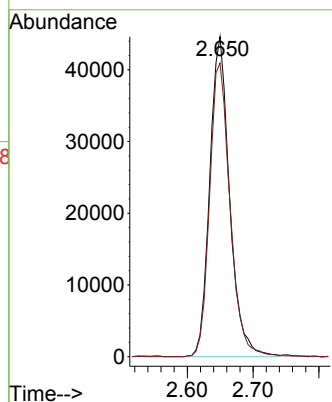
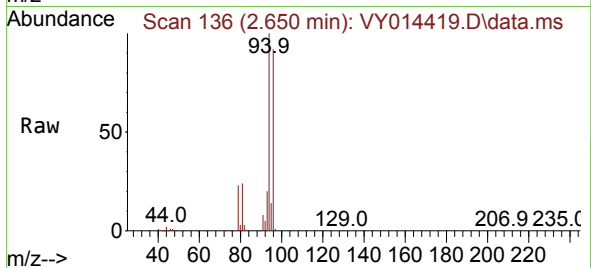




#5
Bromomethane
Concen: 47.718 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

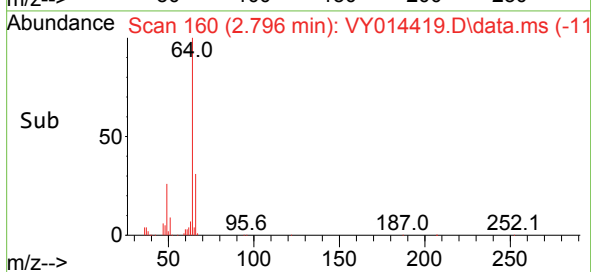
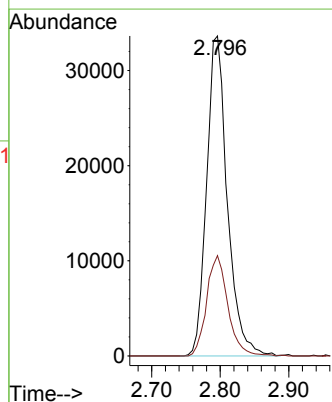
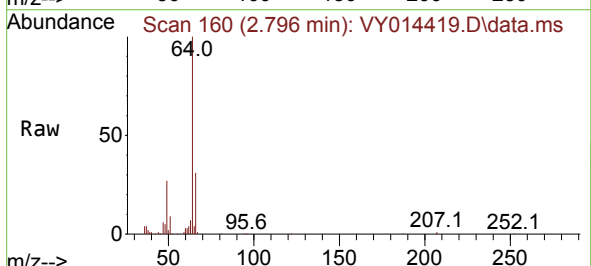
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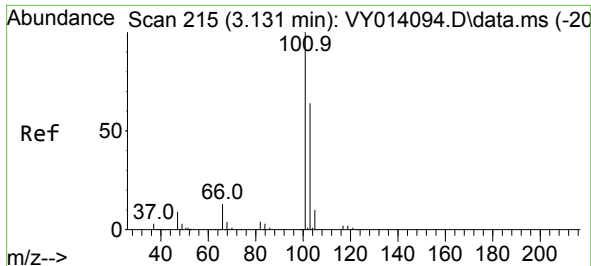
Tgt Ion: 94 Resp: 93724
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.6



#6
Chloroethane
Concen: 47.762 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 64 Resp: 70722
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

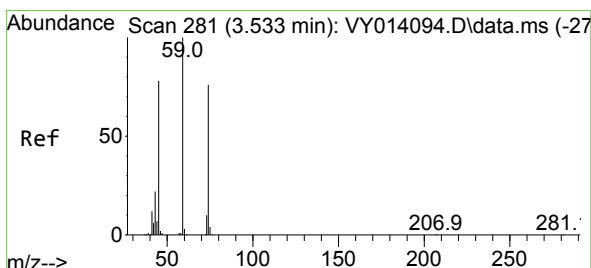
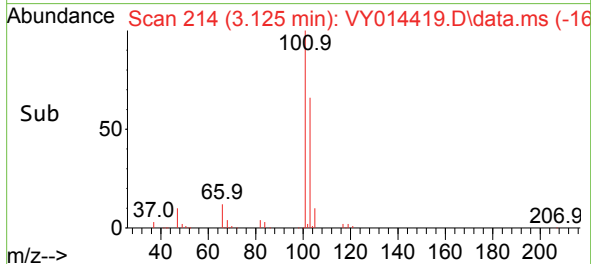
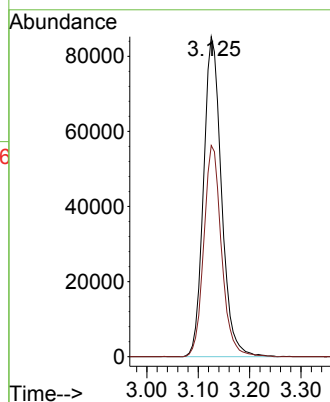
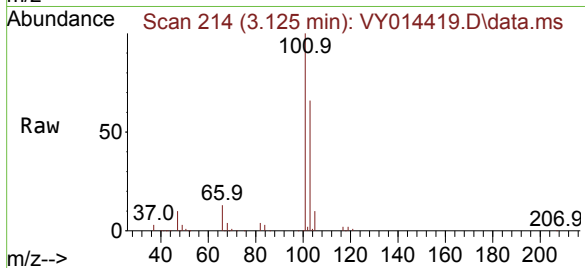




#7
Trichlorofluoromethane
Concen: 46.839 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

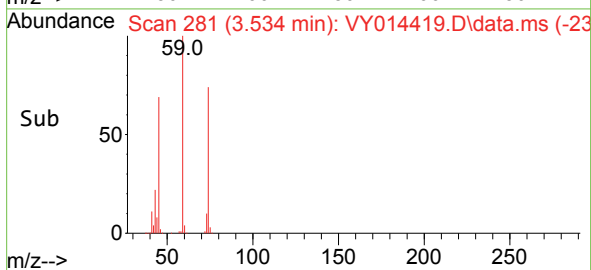
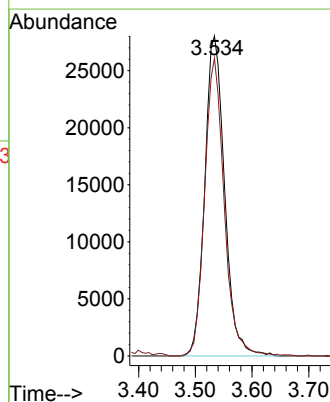
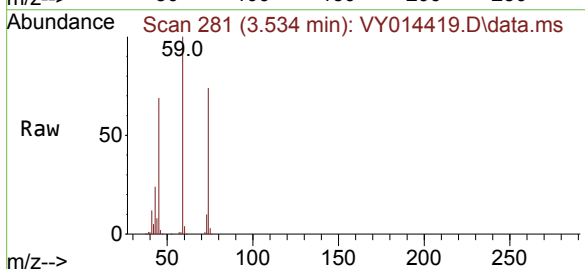
Instrument :
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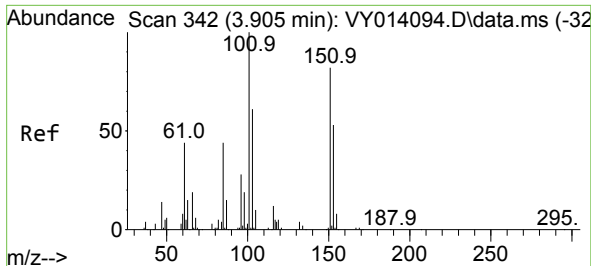
Tgt Ion:101 Resp: 206722
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0



#8
Diethyl Ether
Concen: 50.533 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 74 Resp: 67998
Ion Ratio Lower Upper
74 100
45 92.1 51.5 154.5

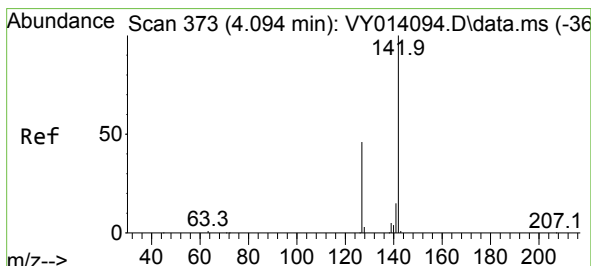
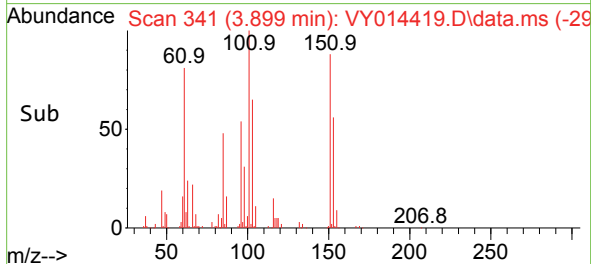
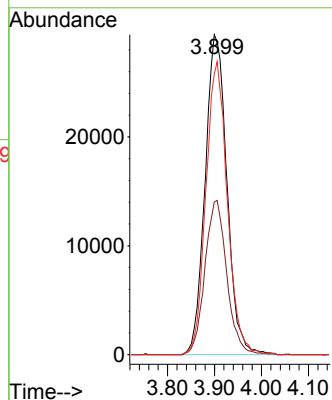
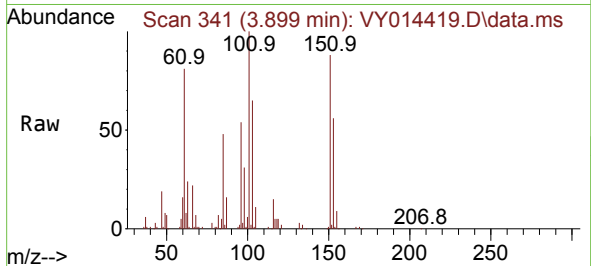




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.405 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

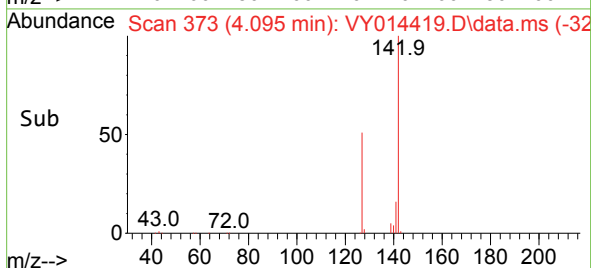
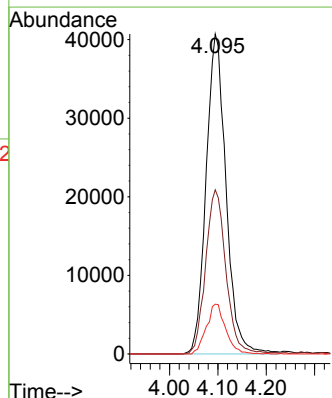
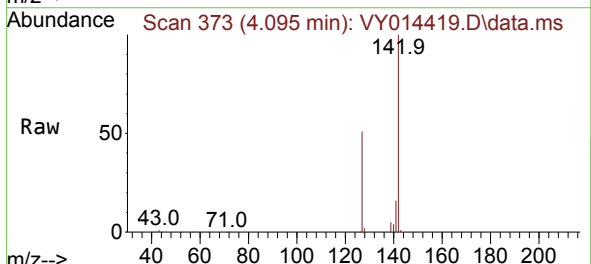
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

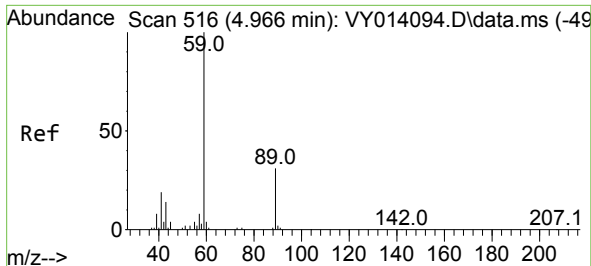
Tgt Ion:101 Resp: 94709
Ion Ratio Lower Upper
101 100
85 48.4 36.6 55.0
151 89.9 67.0 100.6



#10
Methyl Iodide
Concen: 42.676 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:142 Resp: 116411
Ion Ratio Lower Upper
142 100
127 52.4 37.6 56.4
141 15.0 11.8 17.8

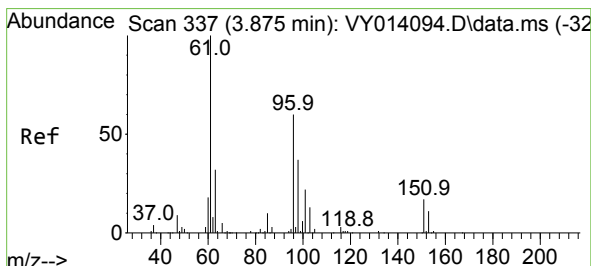
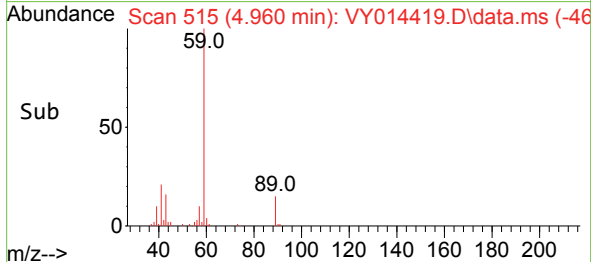
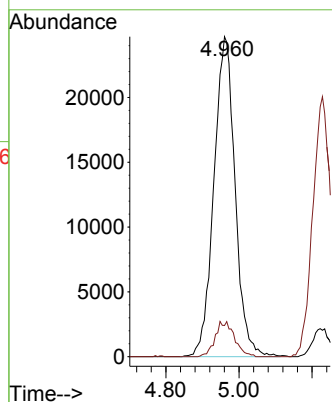
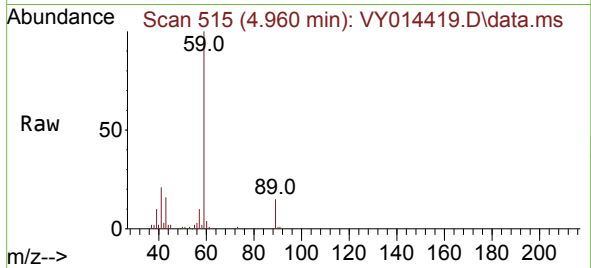




#11
Tert butyl alcohol
Concen: 280.480 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

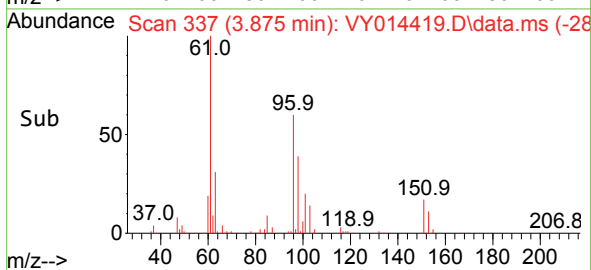
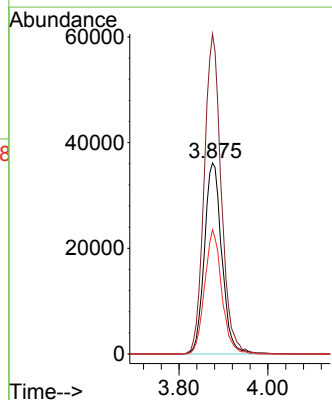
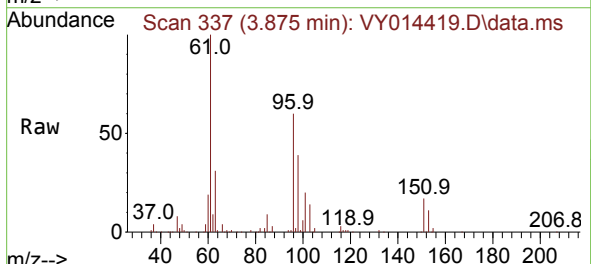
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

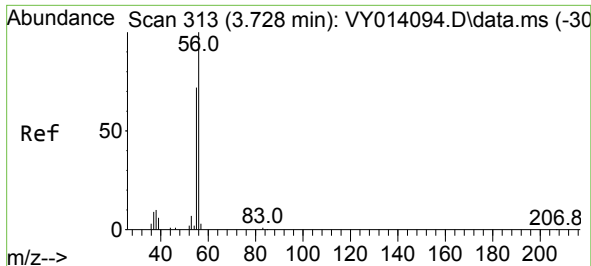
Tgt Ion: 59 Resp: 99372
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.384 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 96 Resp: 98560
Ion Ratio Lower Upper
96 100
61 167.5 136.4 204.6
98 65.1 49.4 74.2

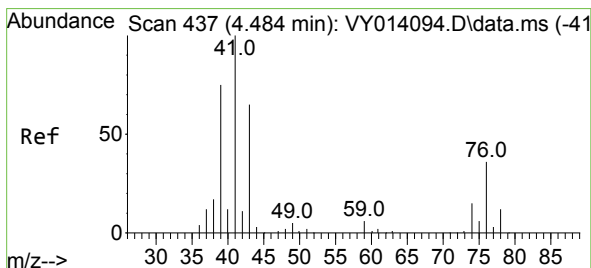
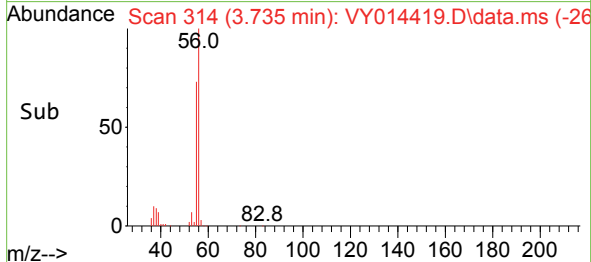
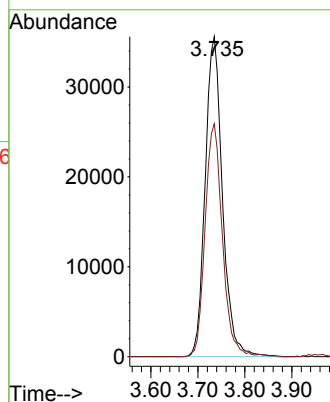
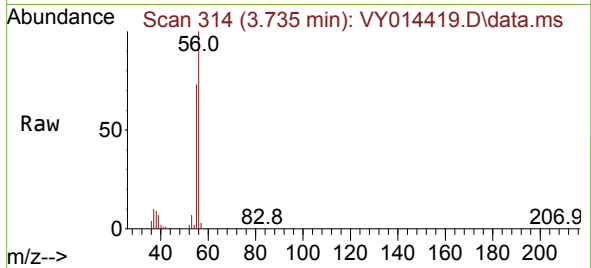




#13
Acrolein
Concen: 242.485 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

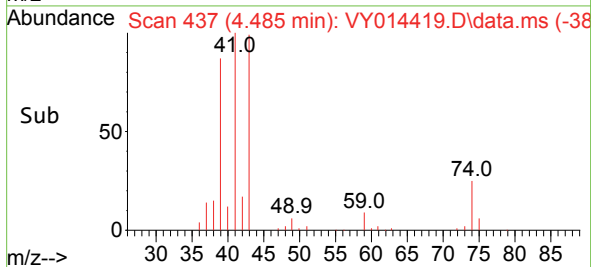
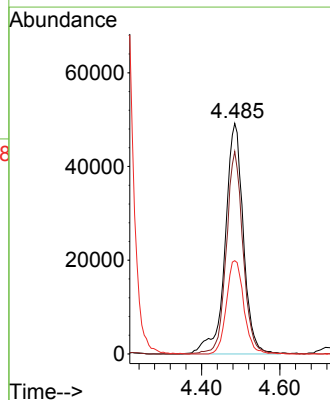
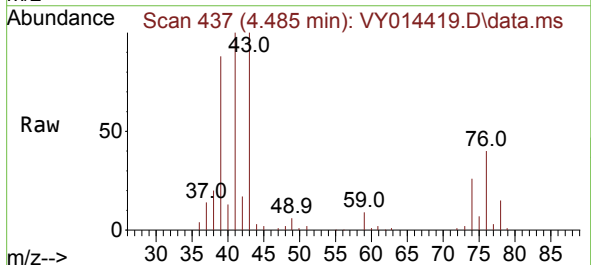
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

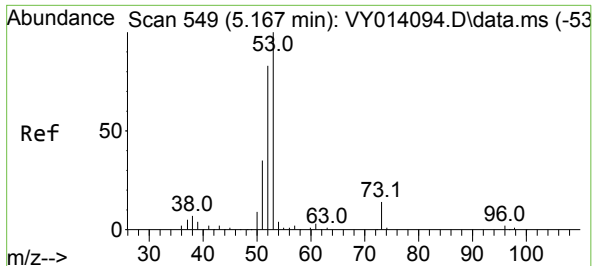
Tgt Ion: 56 Resp: 90808
Ion Ratio Lower Upper
56 100
55 72.5 57.0 85.4



#14
Allyl chloride
Concen: 47.821 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 41 Resp: 158862
Ion Ratio Lower Upper
41 100
39 80.7 58.0 87.0
76 38.7 27.4 41.2

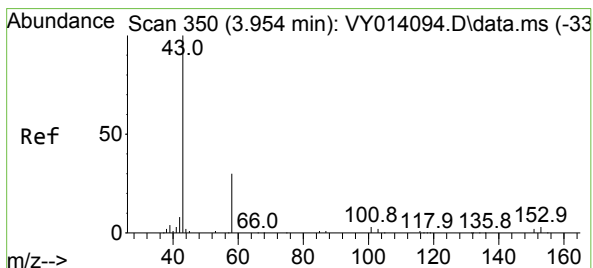
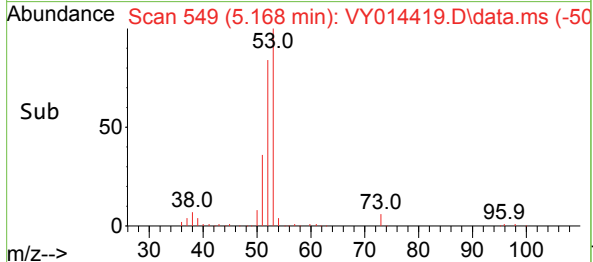
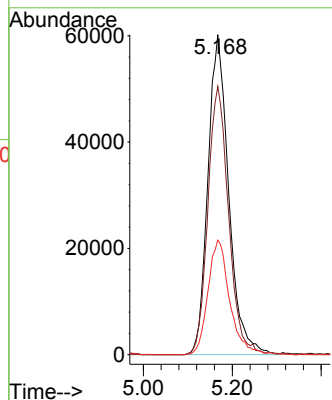
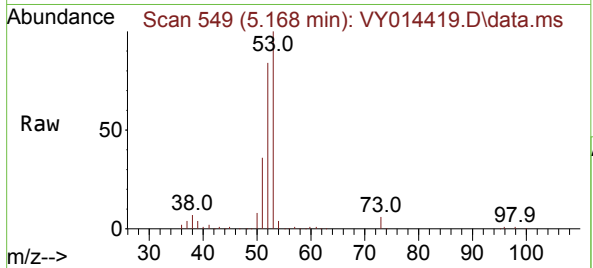




#15
Acrylonitrile
Concen: 260.408 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

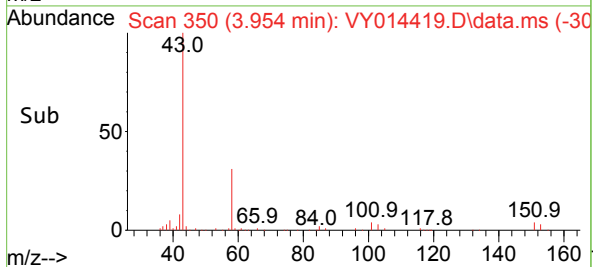
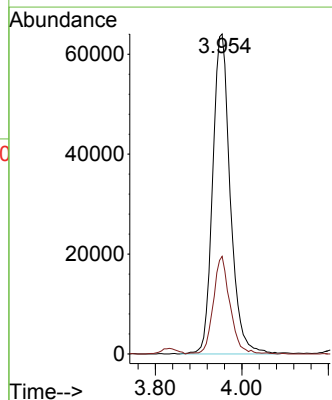
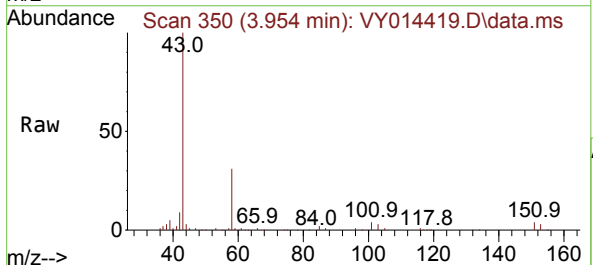
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

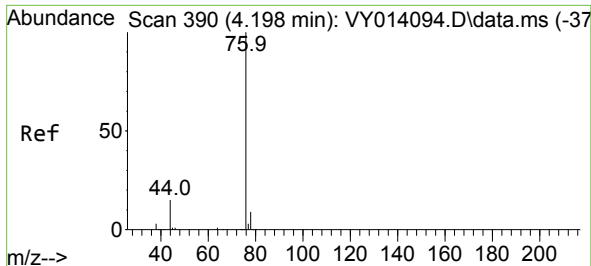
Tgt Ion: 53 Resp: 195939
Ion Ratio Lower Upper
53 100
52 83.7 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 205.283 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 43 Resp: 181081
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1

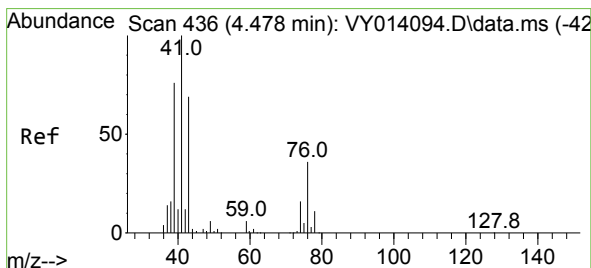
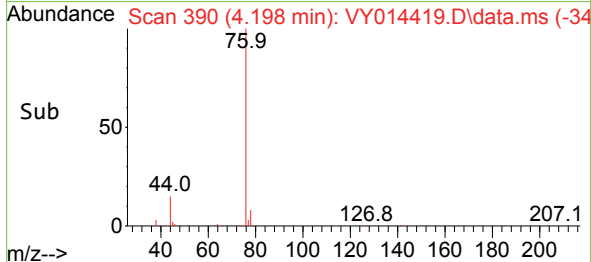
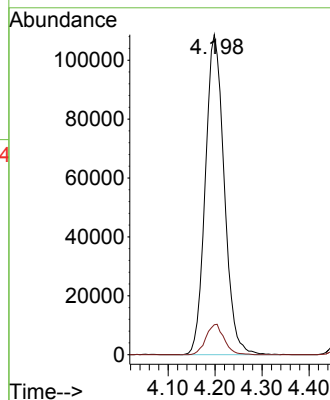
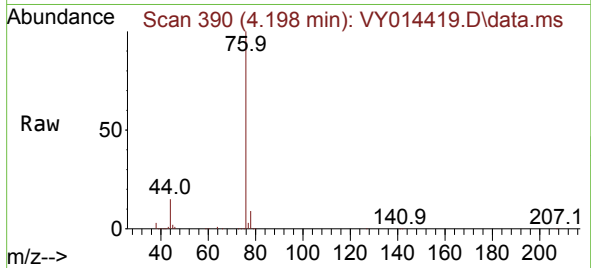




#17
Carbon Disulfide
Concen: 47.085 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

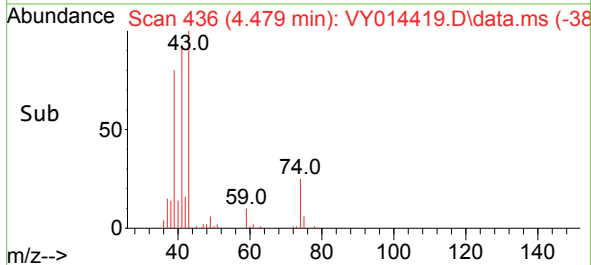
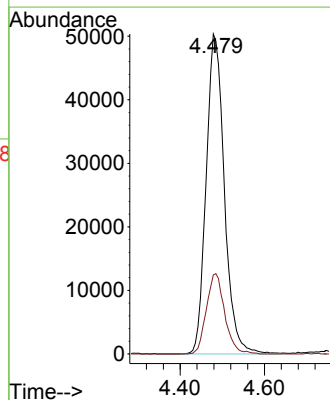
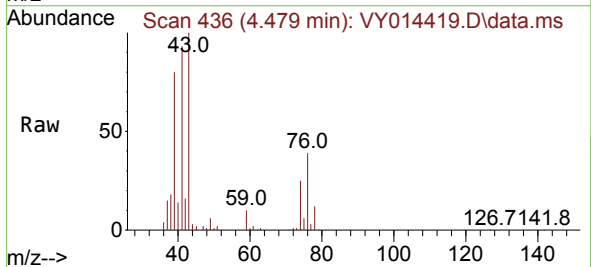
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

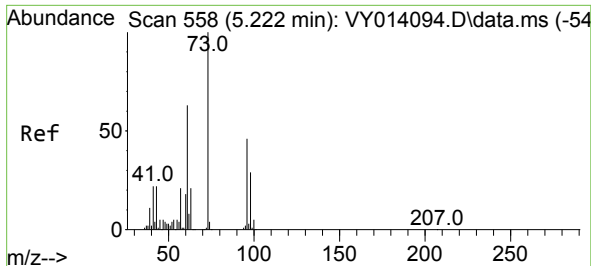
Tgt Ion: 76 Resp: 303085
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 49.867 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 43 Resp: 151221
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 55.358 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

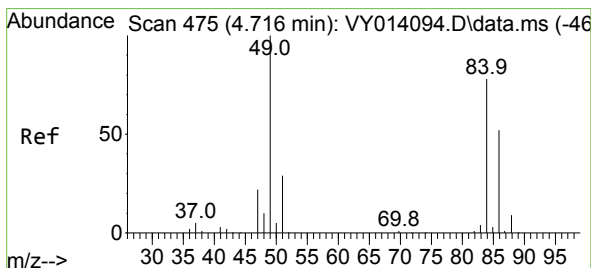
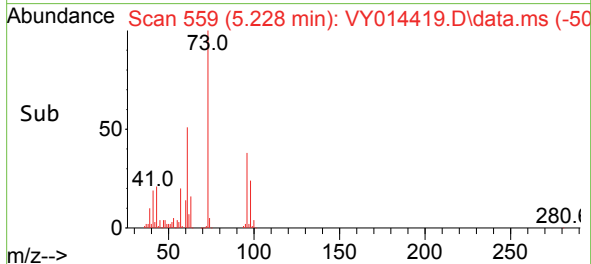
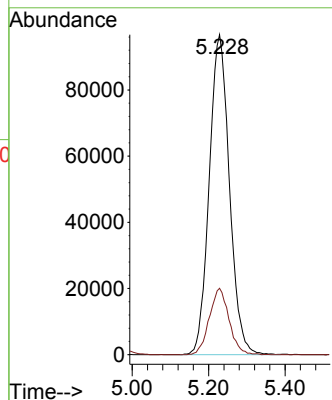
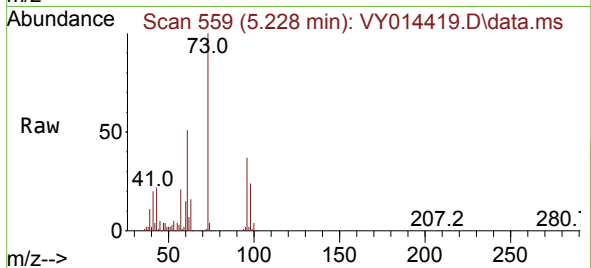
VSTDCCC050EC

Tgt Ion: 73 Resp: 354166

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 53.713 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Tgt Ion: 84 Resp: 135784

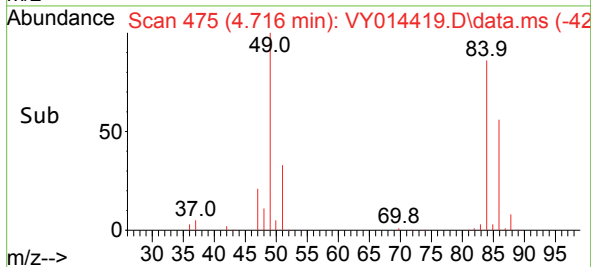
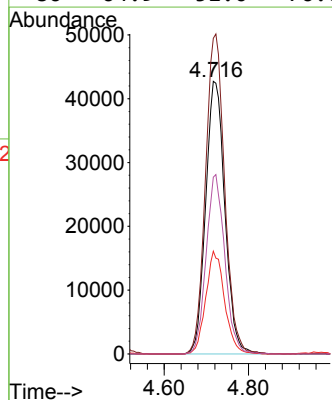
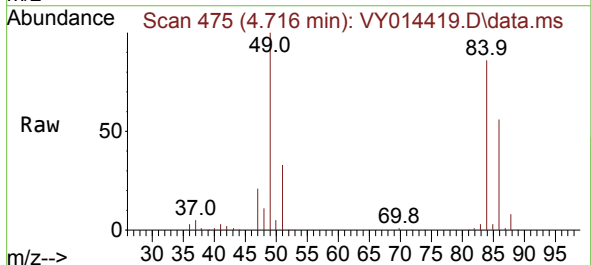
Ion Ratio Lower Upper

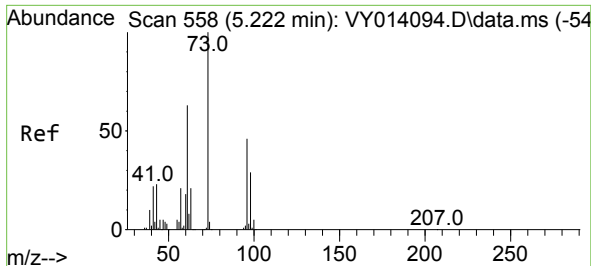
84 100

49 115.8 106.9 160.3

51 37.6 33.2 49.8

86 64.9 51.0 76.6

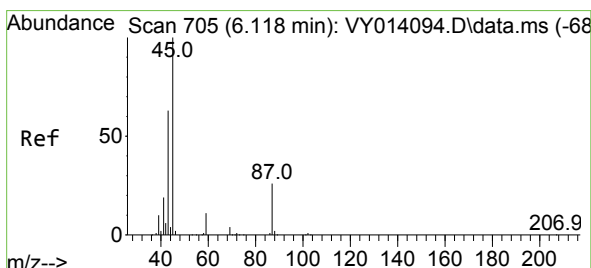
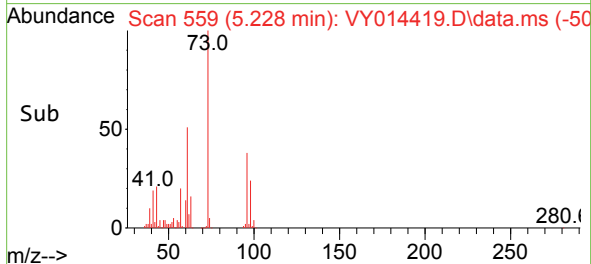
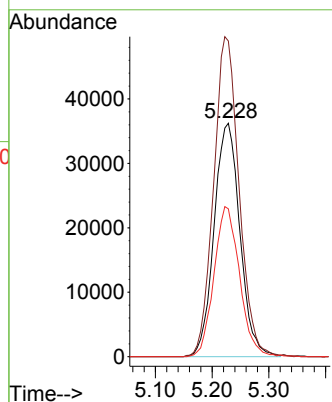
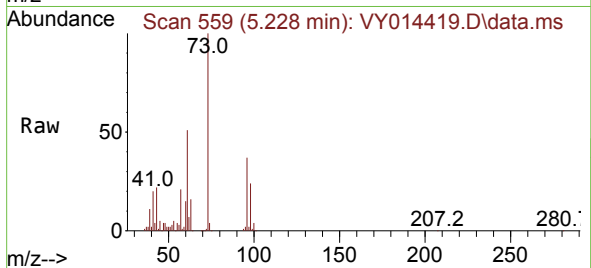




#21
trans-1,2-Dichloroethene
Concen: 50.045 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

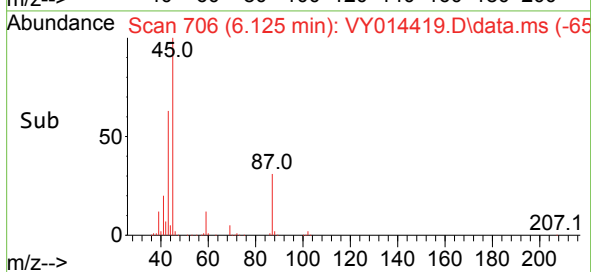
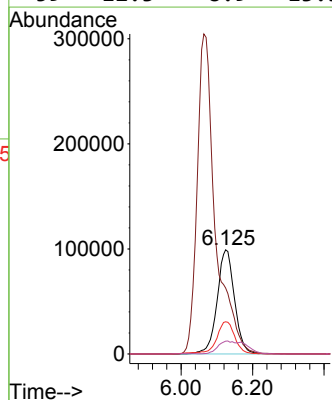
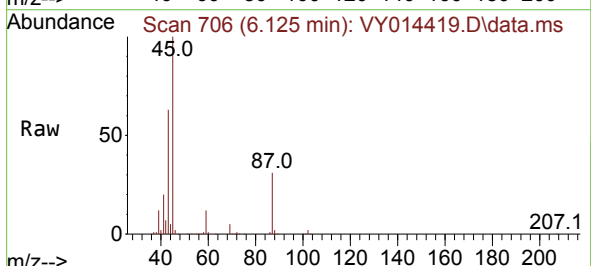
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

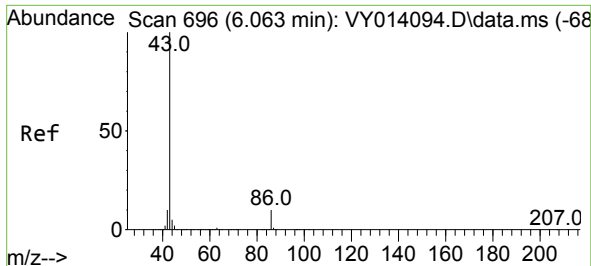
Tgt Ion: 96 Resp: 114458
Ion Ratio Lower Upper
96 100
61 135.2 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 50.595 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 45 Resp: 334018
Ion Ratio Lower Upper
45 100
43 63.2 52.2 78.4
87 30.9 21.0 31.6
59 12.3 8.9 13.3

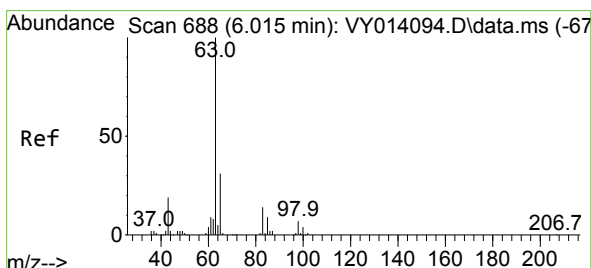
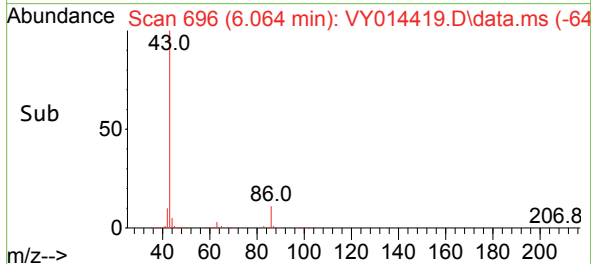
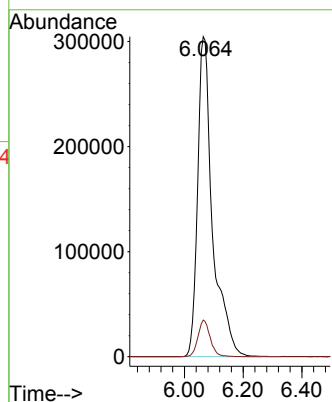
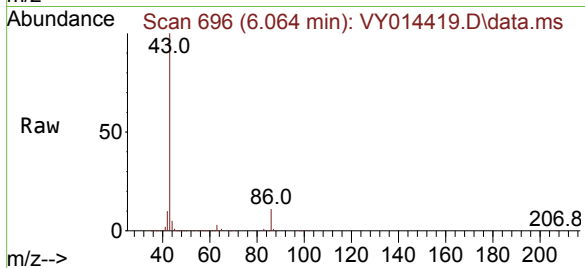




#23
 Vinyl Acetate
 Concen: 318.933 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

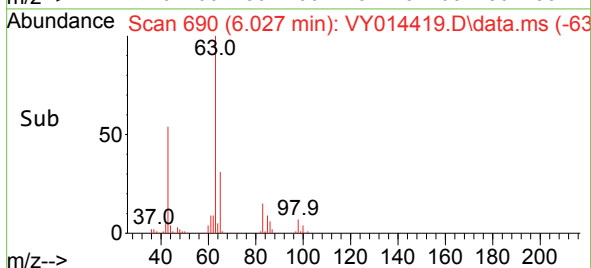
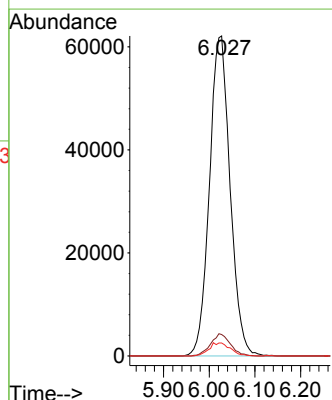
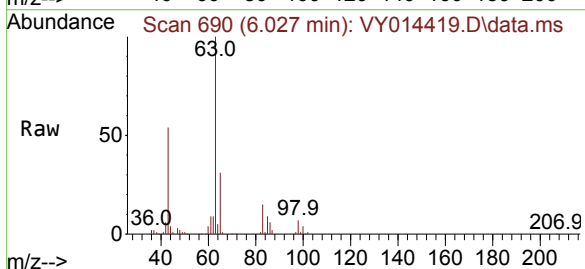
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

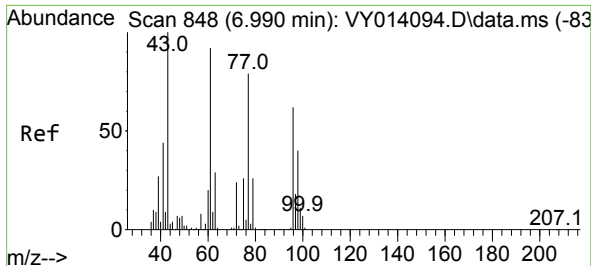
Tgt Ion: 43 Resp: 1075007
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.701 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

Tgt Ion: 63 Resp: 194839
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.0 1.8 5.5

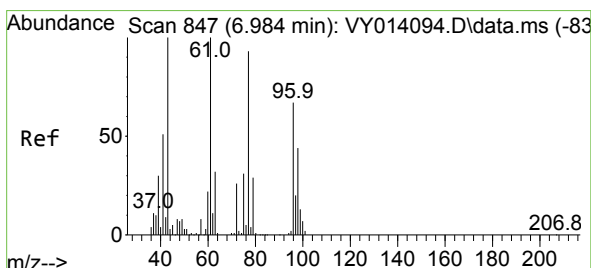
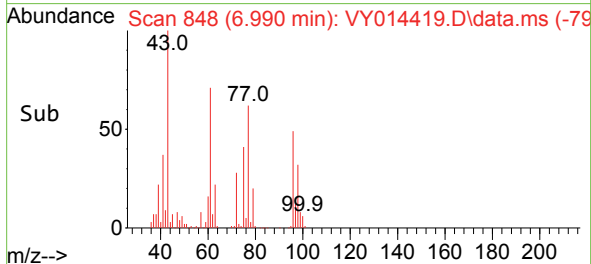
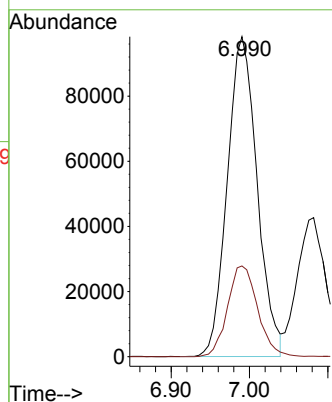
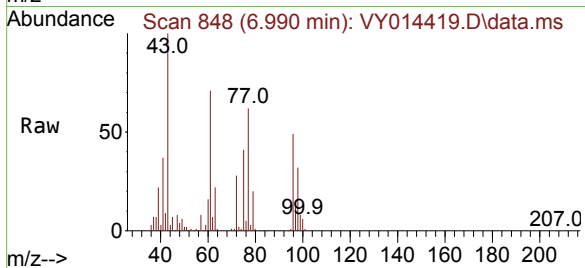




#25
2-Butanone
Concen: 236.721 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

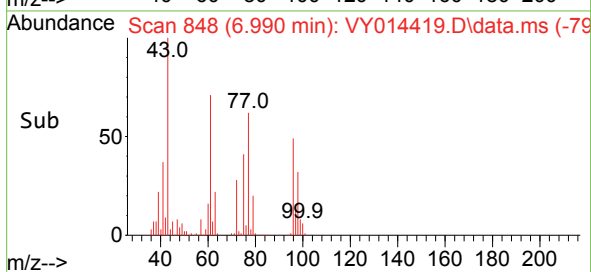
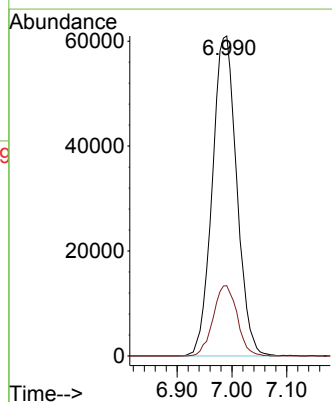
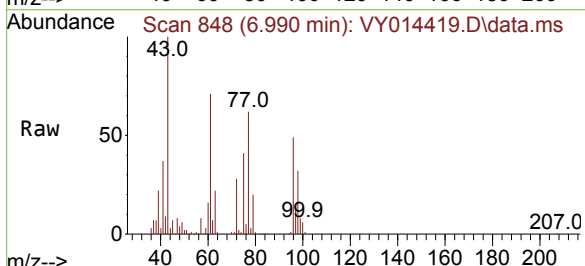
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

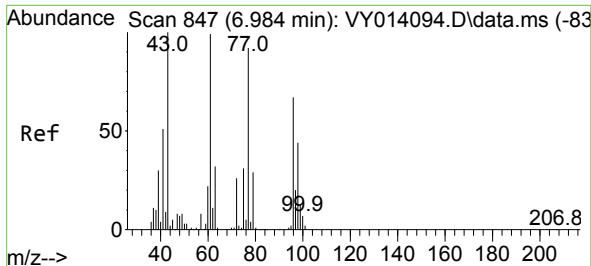
Tgt Ion: 43 Resp: 260083
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.585 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 77 Resp: 188959
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.187 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

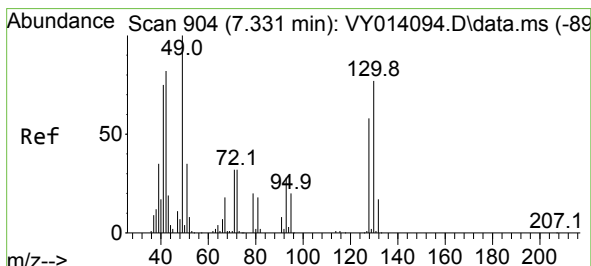
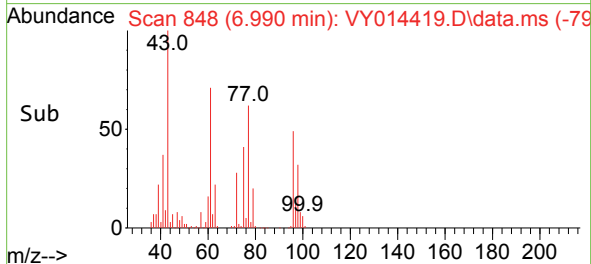
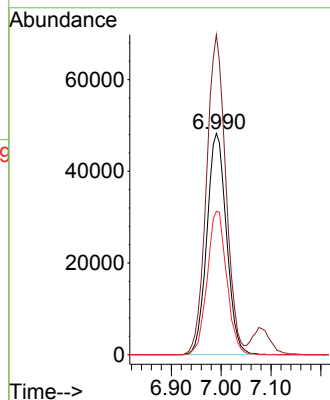
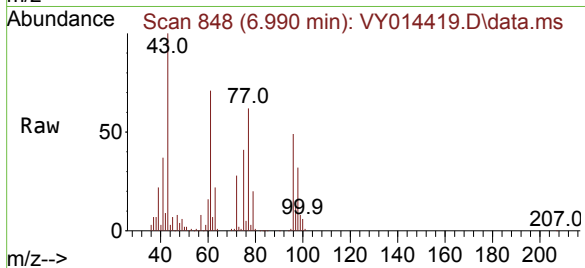
Tgt Ion: 96 Resp: 131785

Ion Ratio Lower Upper

96 100

61 142.6 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 50.756 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

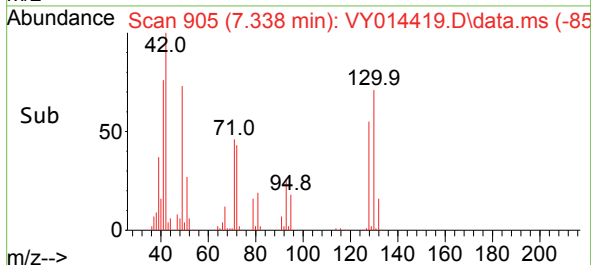
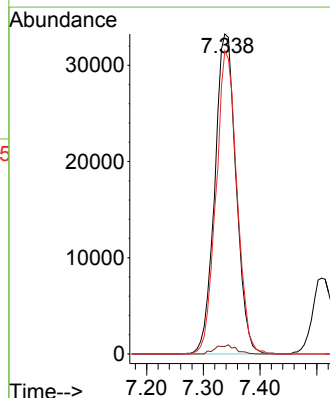
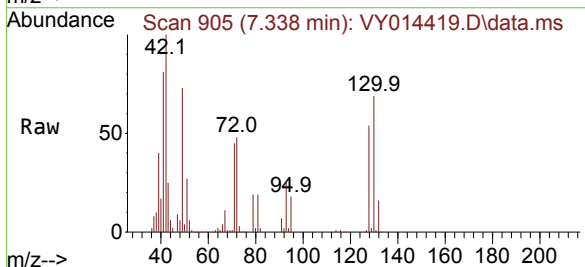
Tgt Ion: 49 Resp: 86777

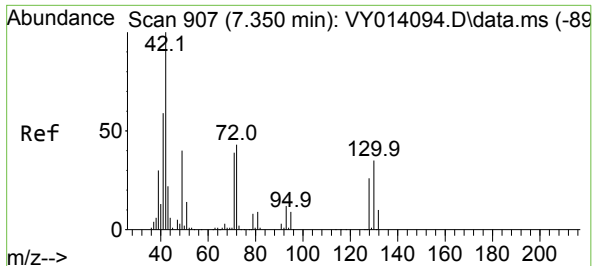
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 93.0 60.7 91.1#





#29

Tetrahydrofuran

Concen: 262.324 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

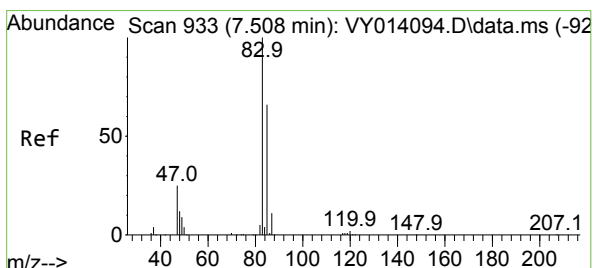
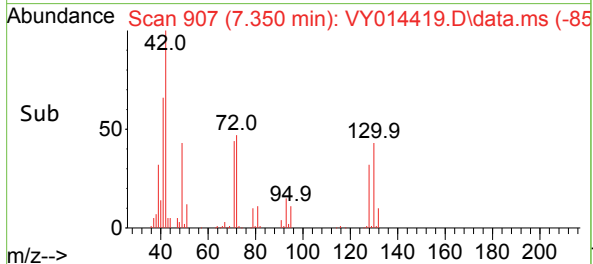
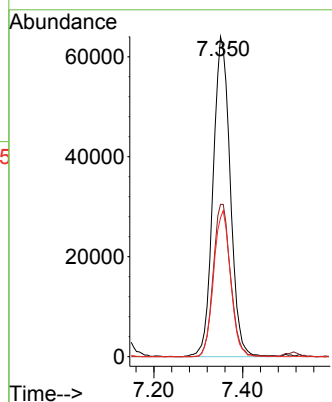
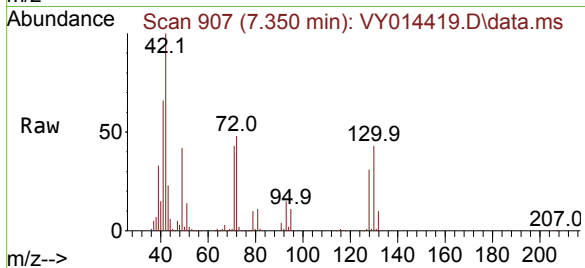
Tgt Ion: 42 Resp: 171855

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

71 44.9 31.0 46.4



#30

Chloroform

Concen: 51.920 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.007 min

Lab File: VY014419.D

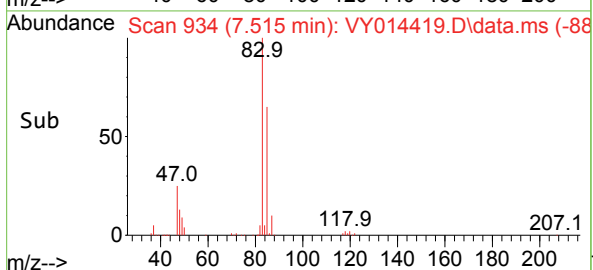
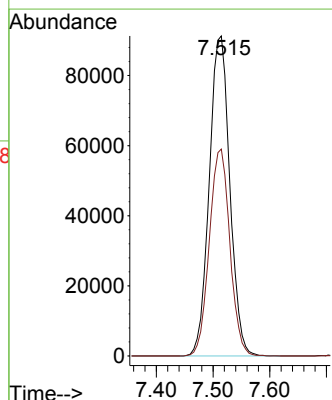
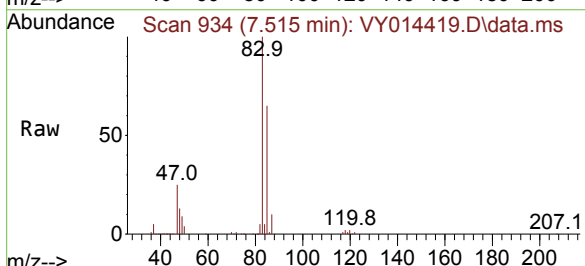
Acq: 23 Jun 2023 19:45

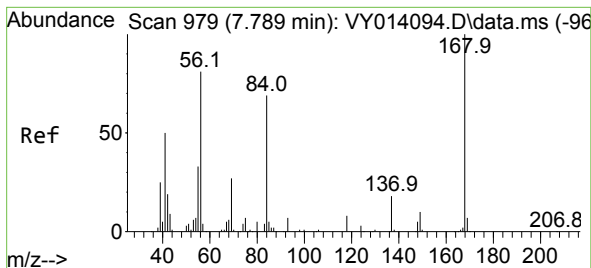
Tgt Ion: 83 Resp: 229602

Ion Ratio Lower Upper

83 100

85 64.7 49.7 74.5





#31

Cyclohexane

Concen: 44.343 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

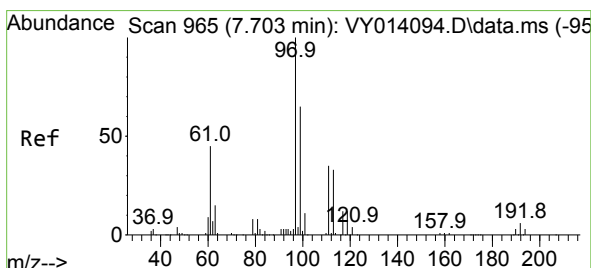
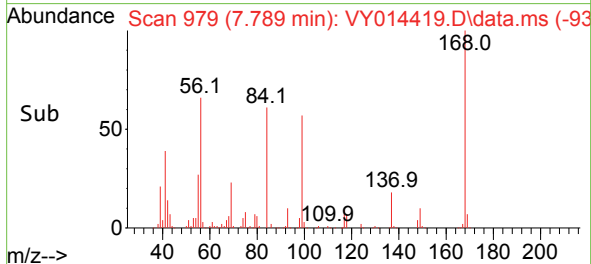
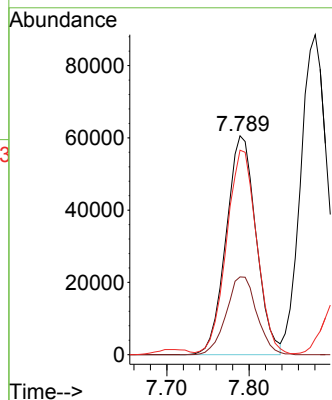
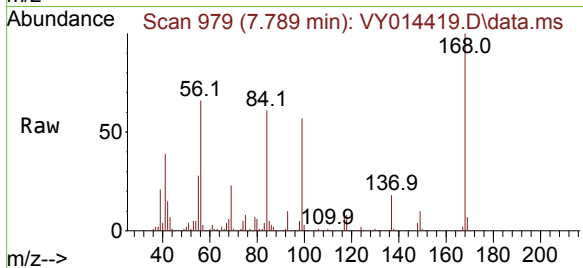
Tgt Ion: 56 Resp: 153543

Ion Ratio Lower Upper

56 100

69 35.6 27.8 41.6

84 91.3 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 51.033 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.001 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

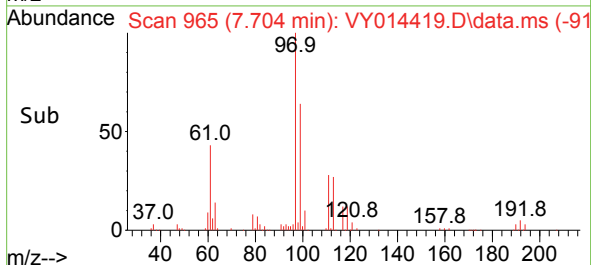
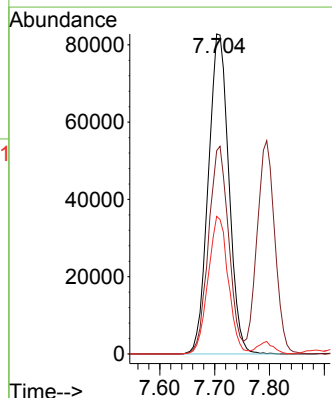
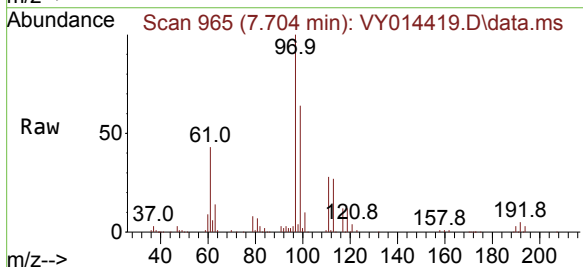
Tgt Ion: 97 Resp: 214815

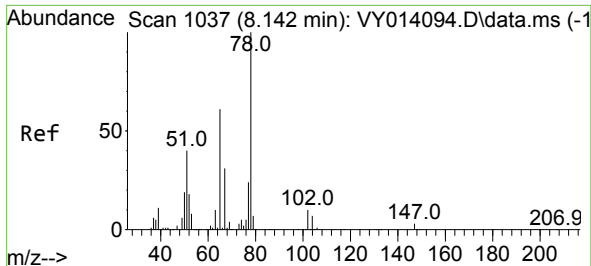
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 42.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.895 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

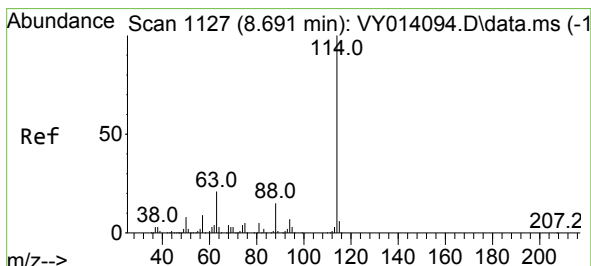
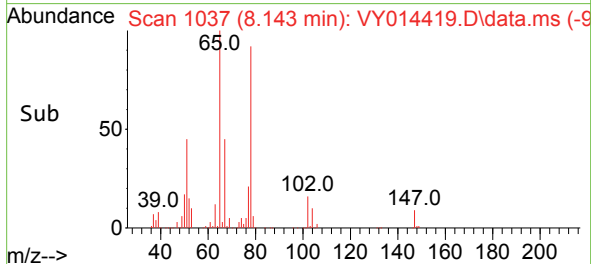
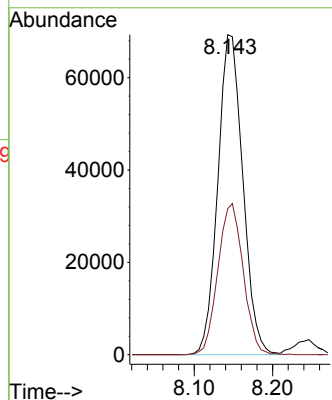
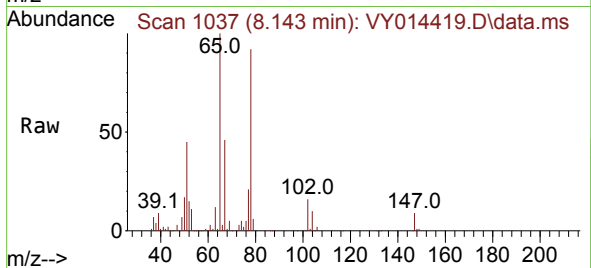
VSTDCCC050EC

Tgt Ion: 65 Resp: 153887

Ion Ratio Lower Upper

65 100

67 47.8 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: VY014419.D

Acq: 23 Jun 2023 19:45

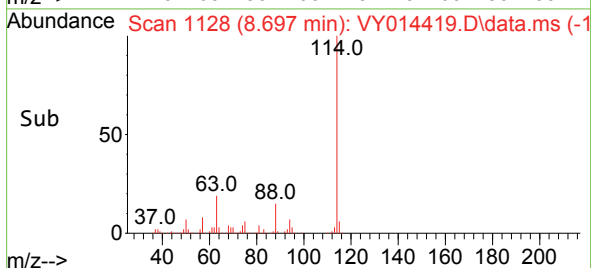
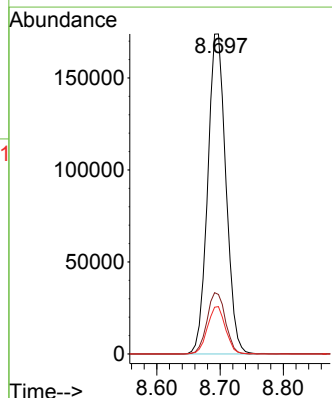
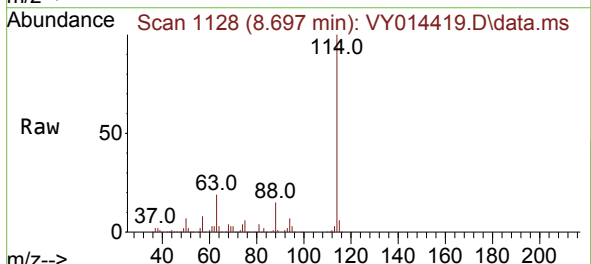
Tgt Ion: 114 Resp: 347505

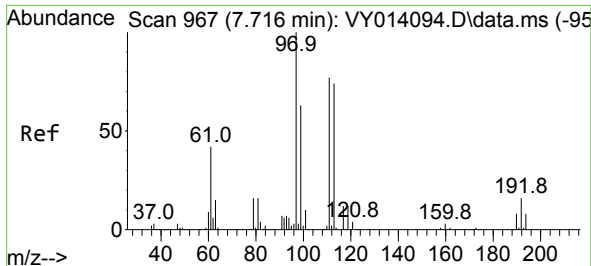
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6

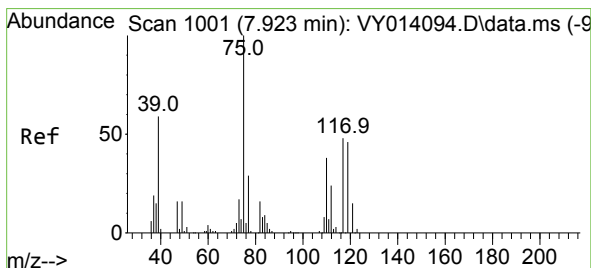
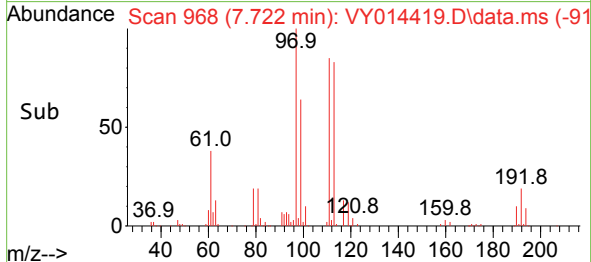
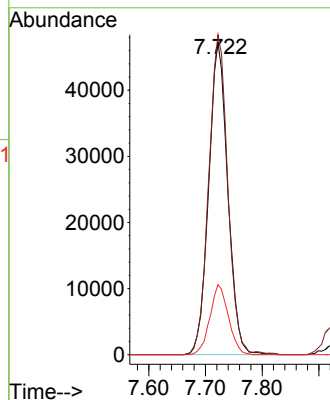
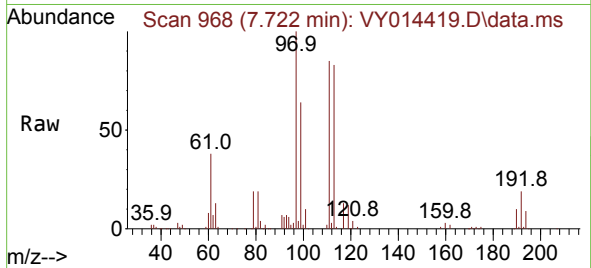




#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

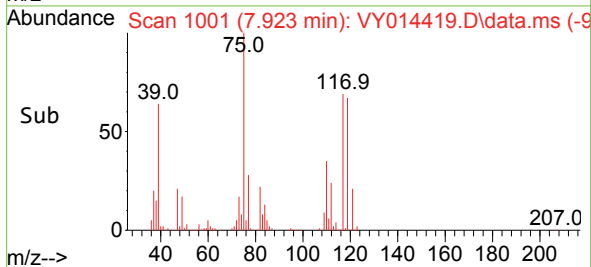
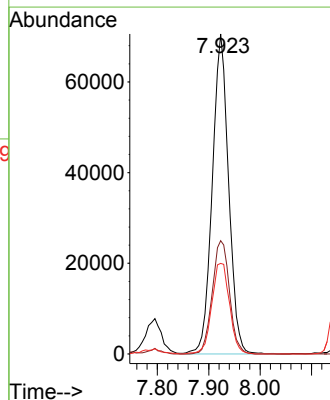
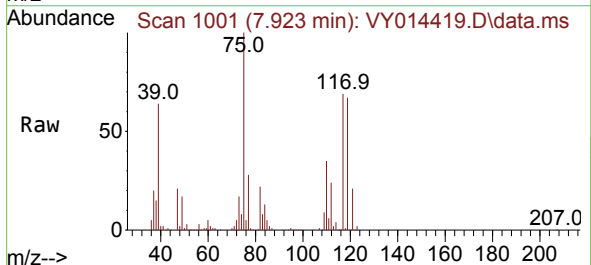
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

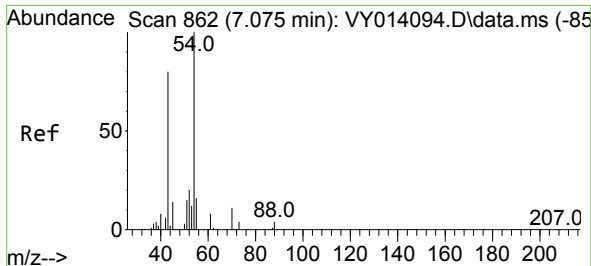
Tgt Ion:113 Resp: 110238
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.056 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 75 Resp: 155685
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 30.7 24.4 36.6

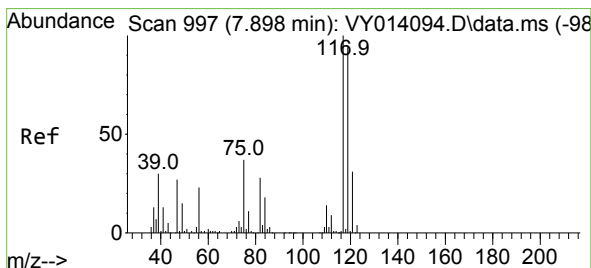
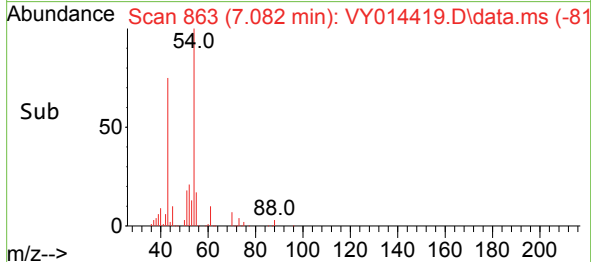
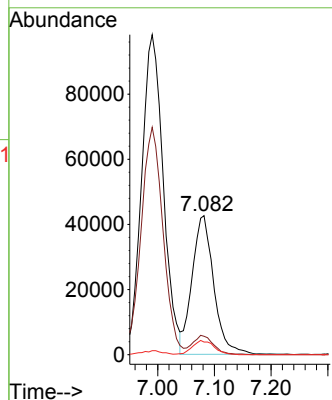
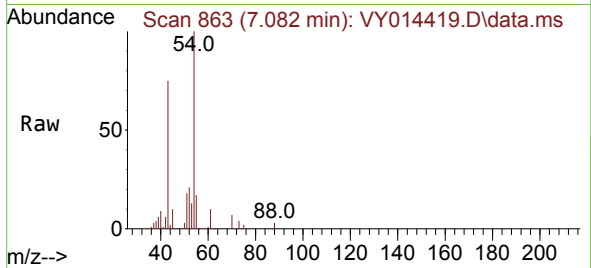




#37
Ethyl Acetate
Concen: 49.618 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

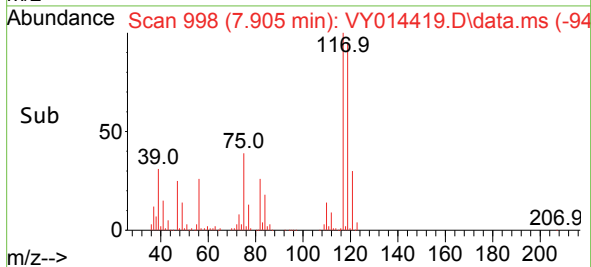
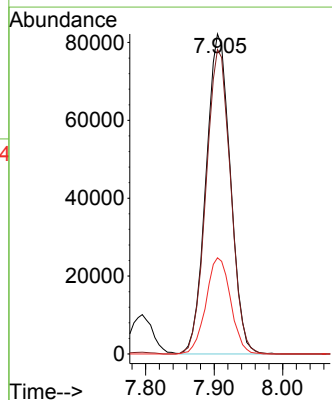
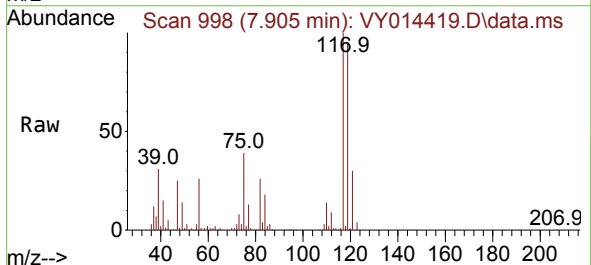
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

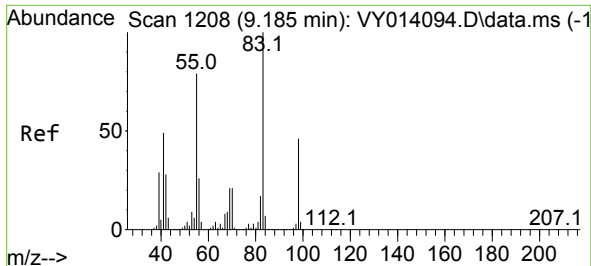
Tgt Ion: 43 Resp: 113133
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.795 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 117 Resp: 203156
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 46.498 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

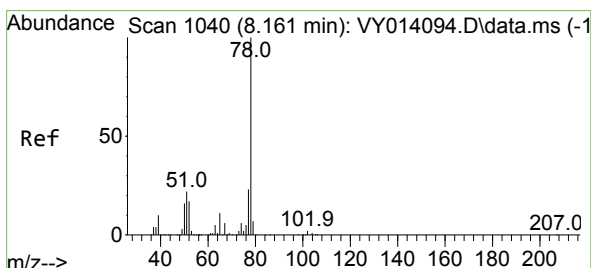
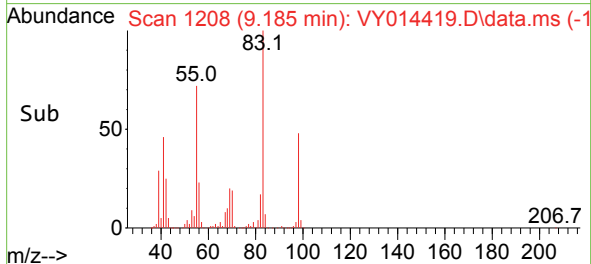
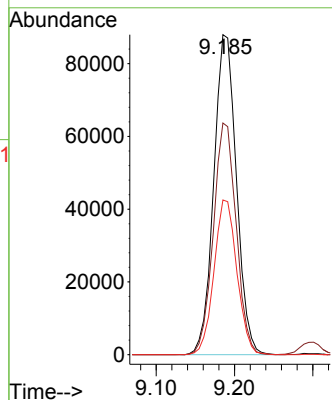
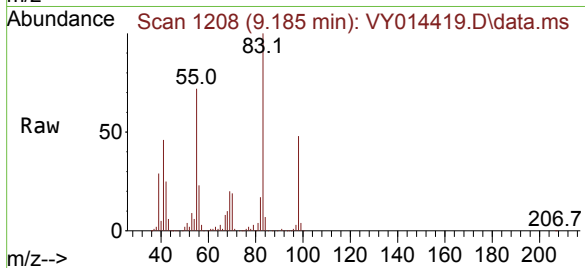
Tgt Ion: 83 Resp: 176991

Ion Ratio Lower Upper

83 100

55 72.3 63.0 94.4

98 48.4 37.4 56.2



#40

Benzene

Concen: 49.665 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014419.D

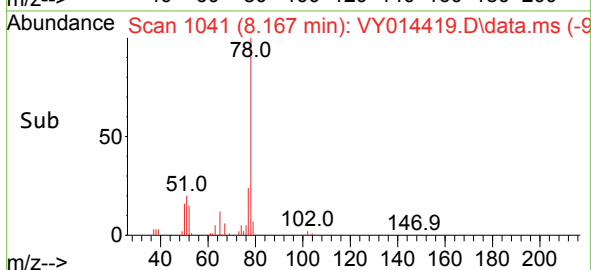
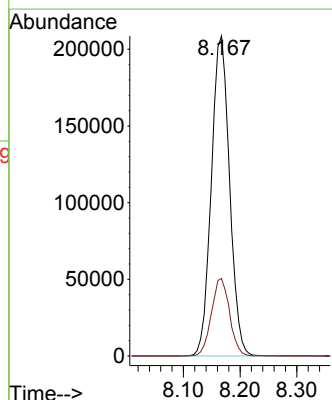
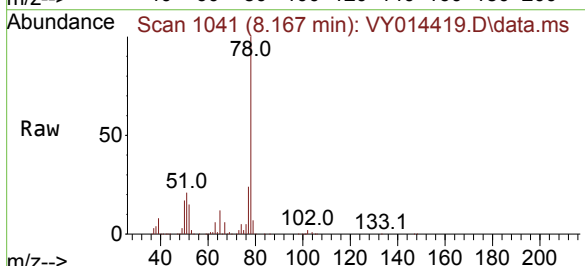
Acq: 23 Jun 2023 19:45

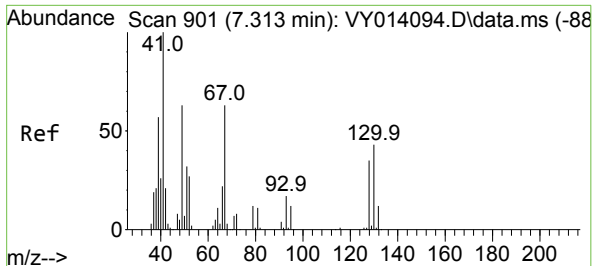
Tgt Ion: 78 Resp: 465387

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

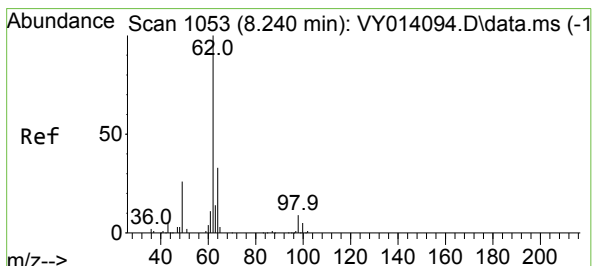
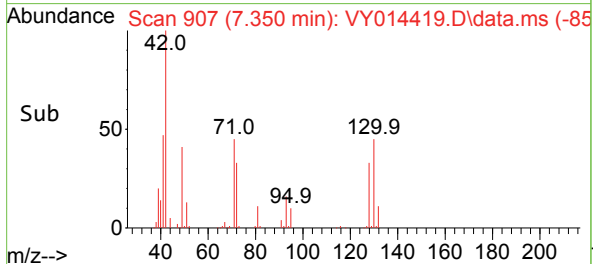
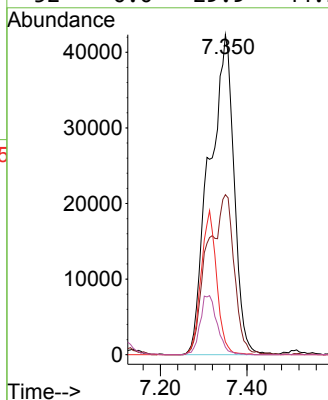
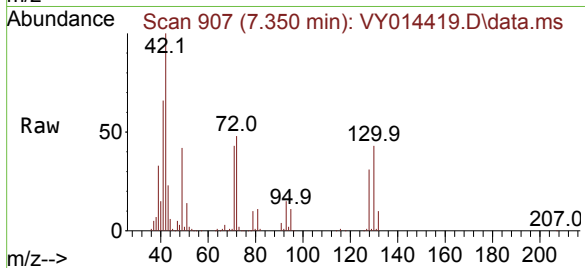




#41
Methacrylonitrile
Concen: 148.576 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

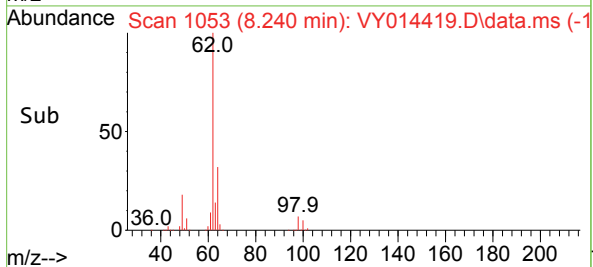
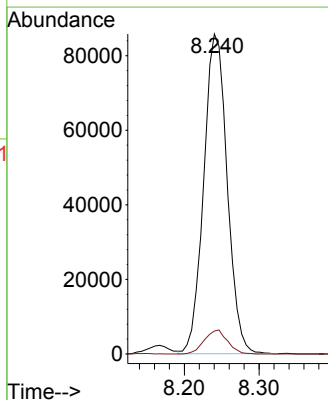
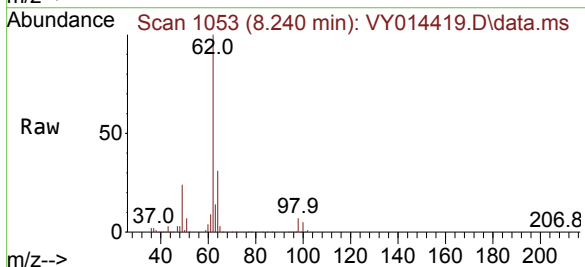
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

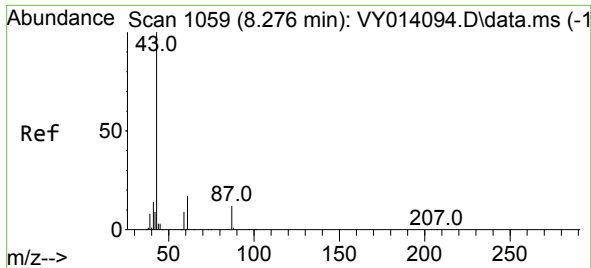
Tgt Ion: 41 Resp: 167887
Ion Ratio Lower Upper
41 100
39 53.9 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.799 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 62 Resp: 187581
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.8

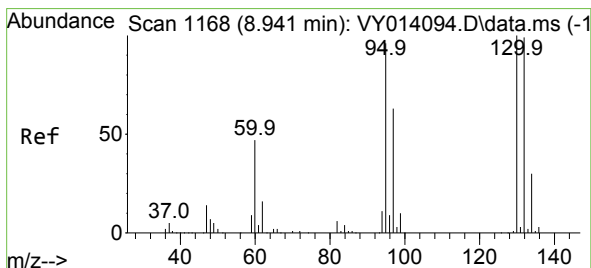
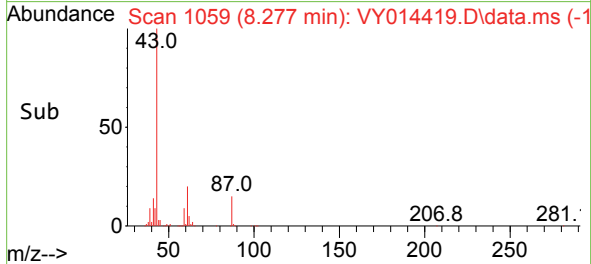
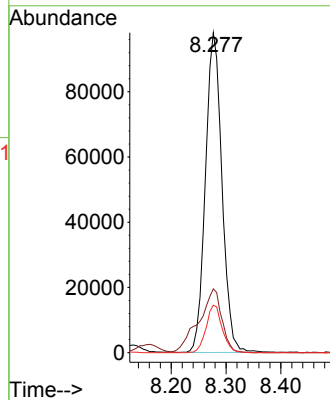
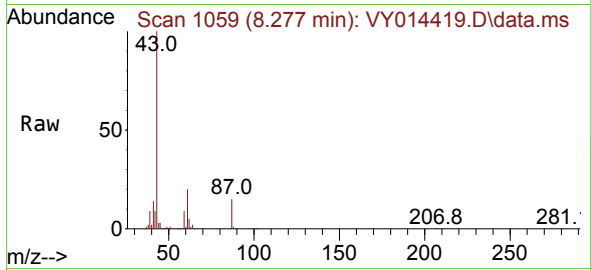




#43
Isopropyl Acetate
Concen: 50.868 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

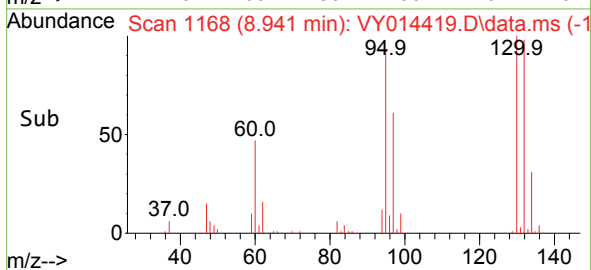
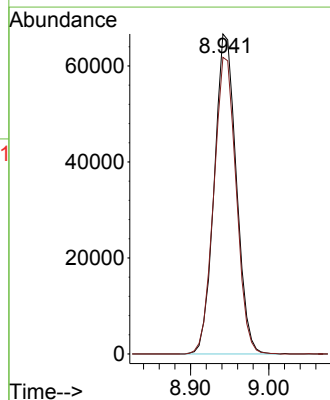
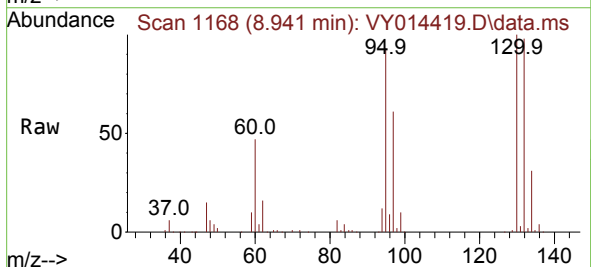
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

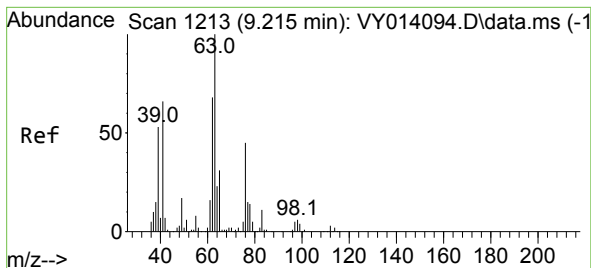
Tgt Ion: 43 Resp: 204798
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 48.440 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:130 Resp: 130321
Ion Ratio Lower Upper
130 100
95 92.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.758 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

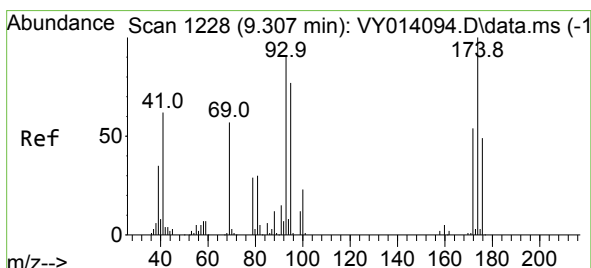
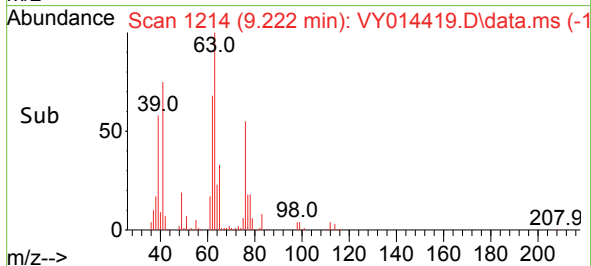
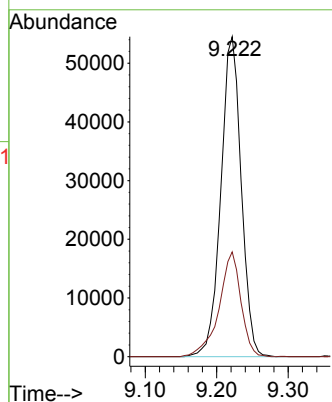
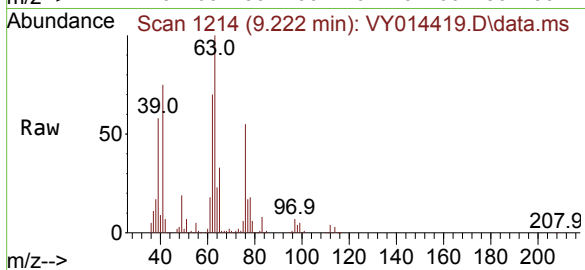
VSTDCCC050EC

Tgt Ion: 63 Resp: 107728

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.6



#46

Dibromomethane

Concen: 51.568 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

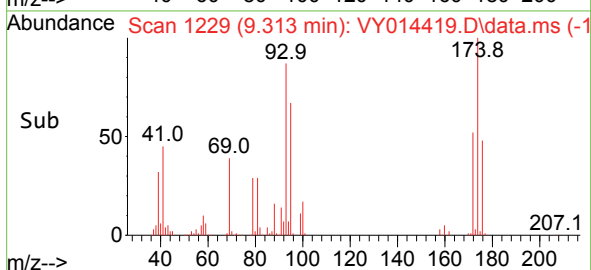
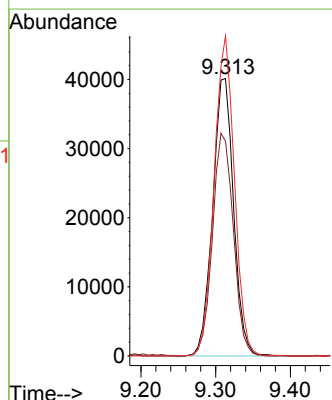
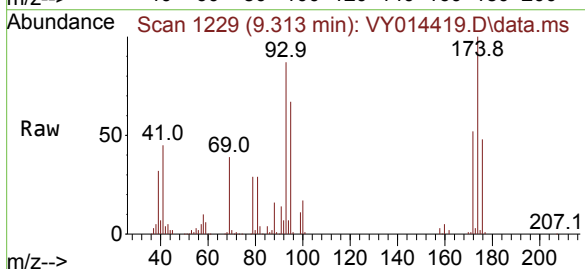
Tgt Ion: 93 Resp: 77861

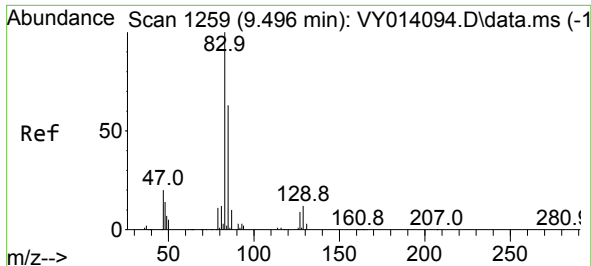
Ion Ratio Lower Upper

93 100

95 80.5 66.6 100.0

174 112.3 84.8 127.2

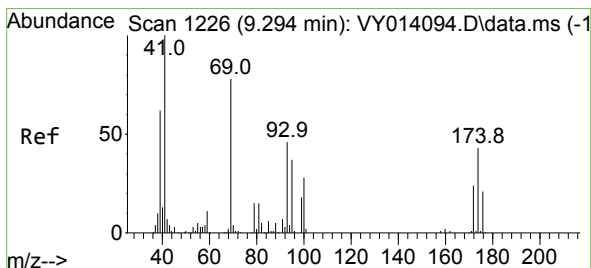
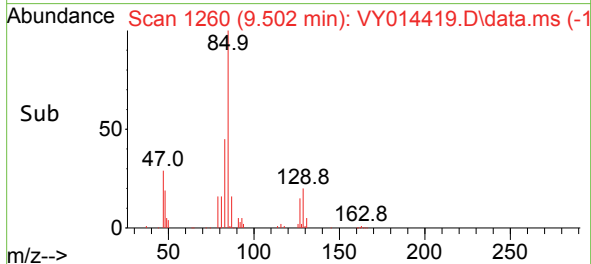
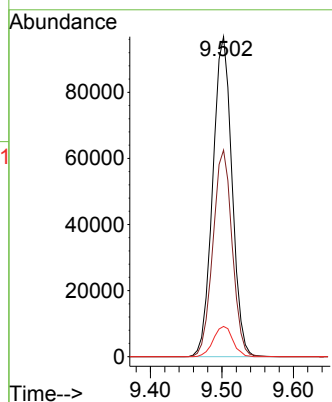
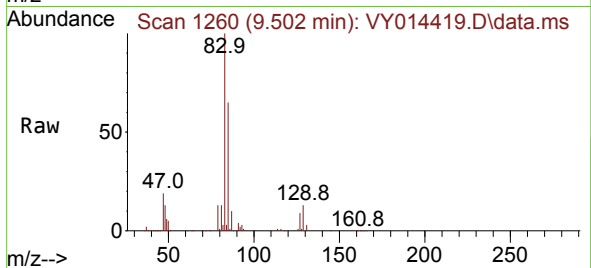




#47
Bromodichloromethane
Concen: 51.335 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

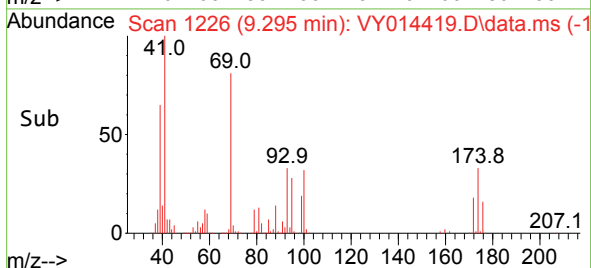
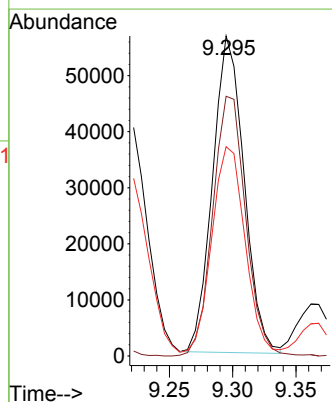
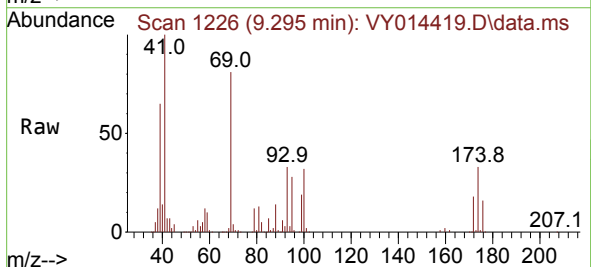
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

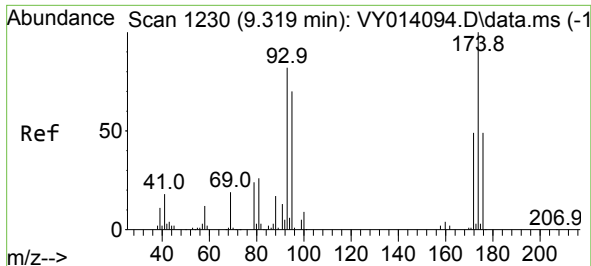
Tgt Ion: 83 Resp: 180657
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 52.281 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 41 Resp: 97761
Ion Ratio Lower Upper
41 100
69 86.0 64.5 96.7
39 70.4 50.8 76.2

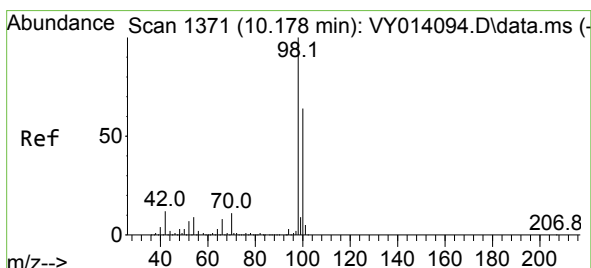
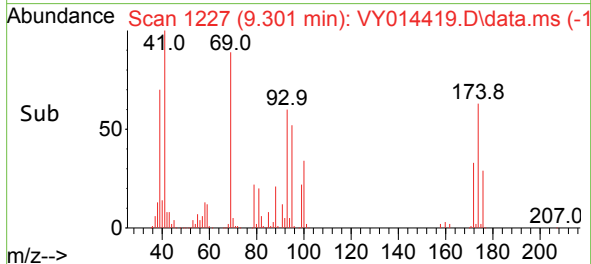
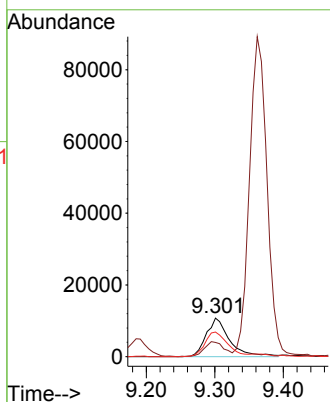
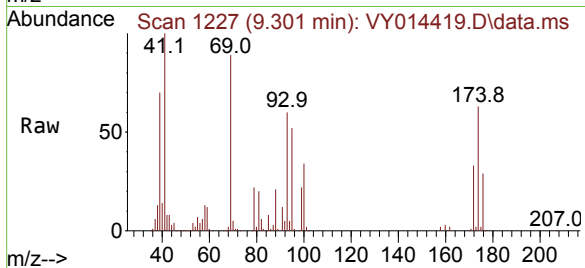




#49
1,4-Dioxane
Concen: 1077.674 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

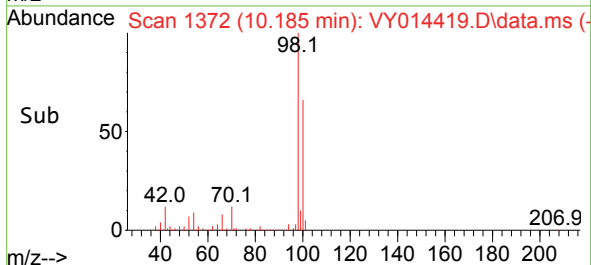
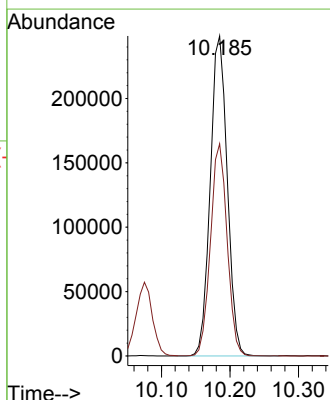
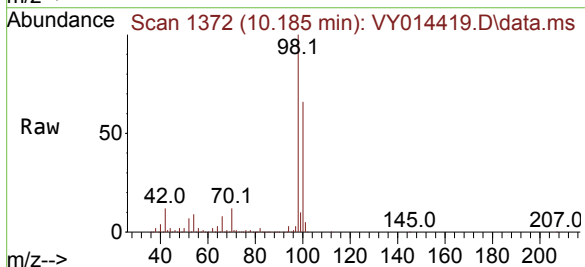
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

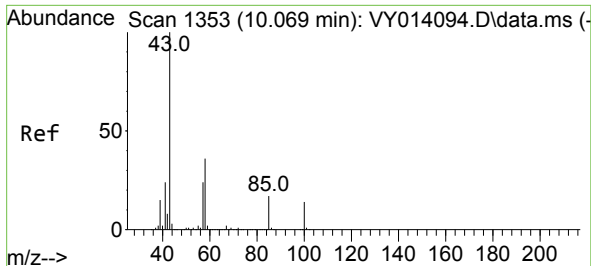
Tgt Ion: 88 Resp: 25442
Ion Ratio Lower Upper
88 100
43 33.6 0.0 0.0#
58 62.8 30.9 46.3#



#50
Toluene-d8
Concen: 50.091 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 98 Resp: 427499
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 258.123 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

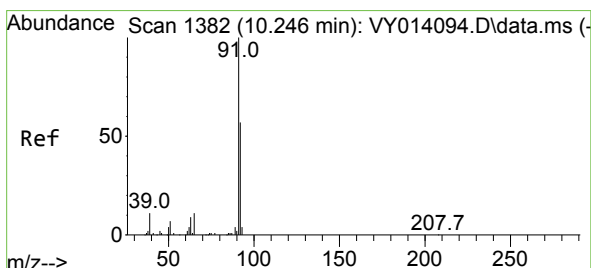
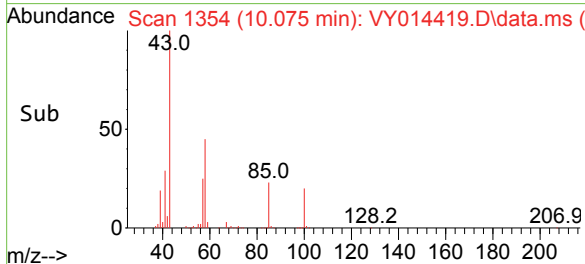
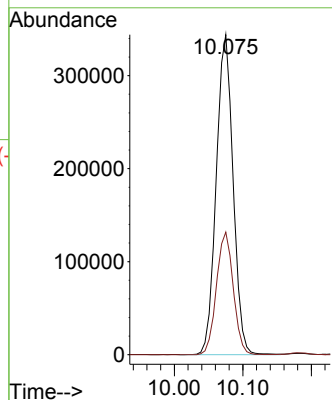
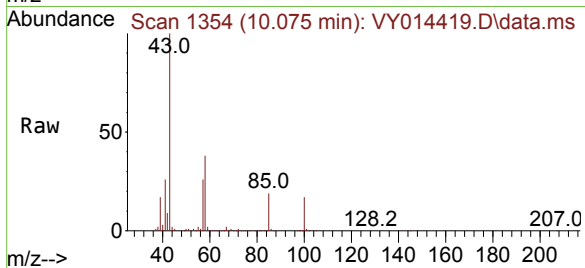
VSTDCCC050EC

Tgt Ion: 43 Resp: 586529

Ion Ratio Lower Upper

43 100

58 38.2 29.0 43.6



#52

Toluene

Concen: 50.947 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY014419.D

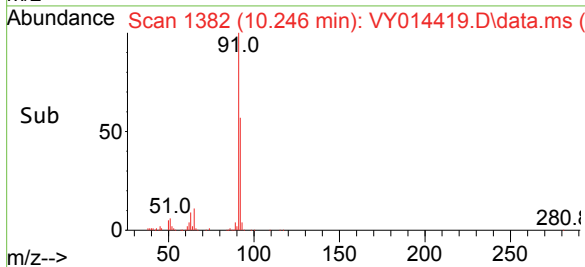
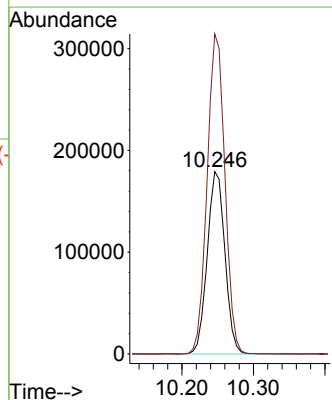
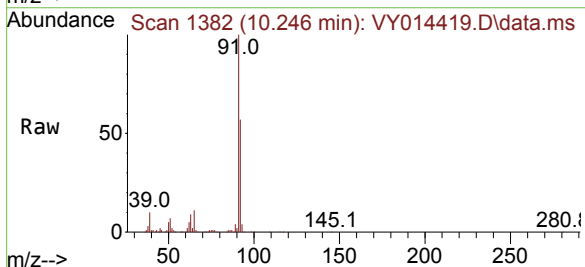
Acq: 23 Jun 2023 19:45

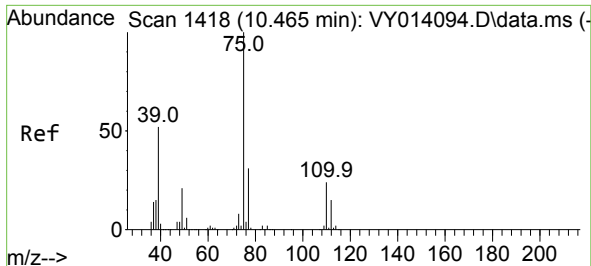
Tgt Ion: 92 Resp: 307170

Ion Ratio Lower Upper

92 100

91 176.5 143.8 215.6

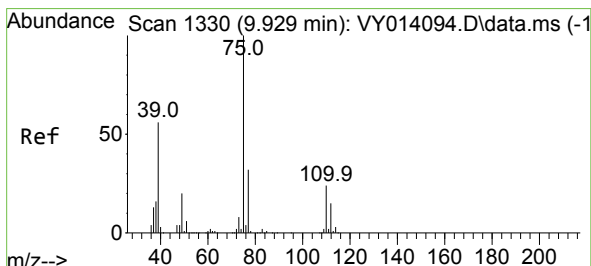
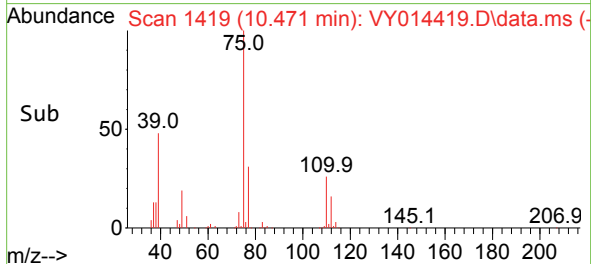
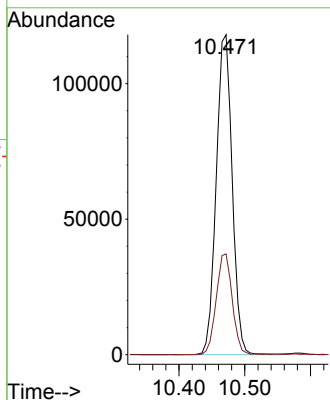
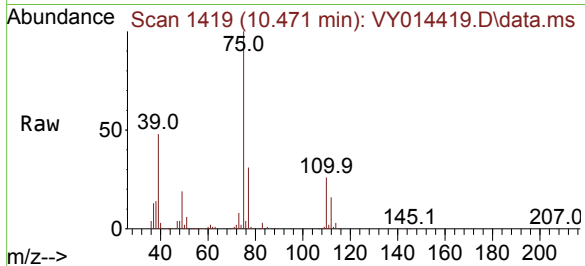




#53
 t-1,3-Dichloropropene
 Concen: 52.191 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

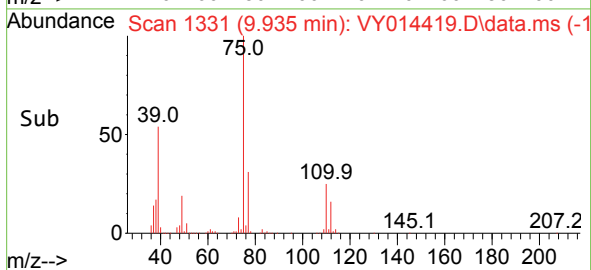
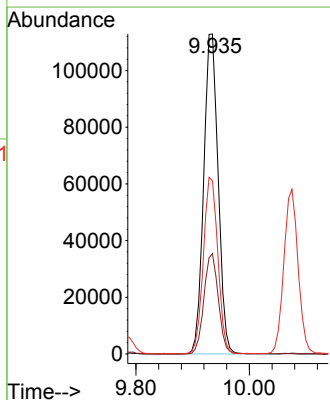
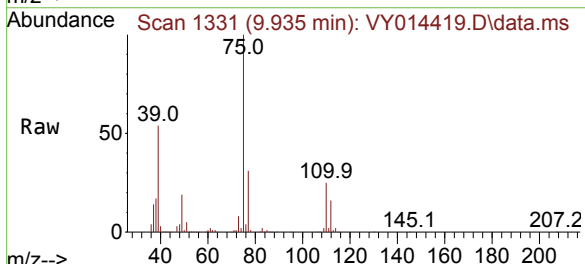
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

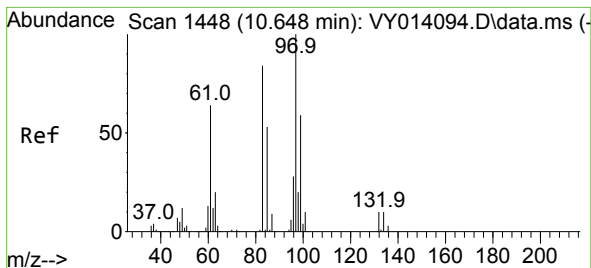
Tgt Ion: 75 Resp: 199128
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.855 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

Tgt Ion: 75 Resp: 200136
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 54.0 42.2 63.4

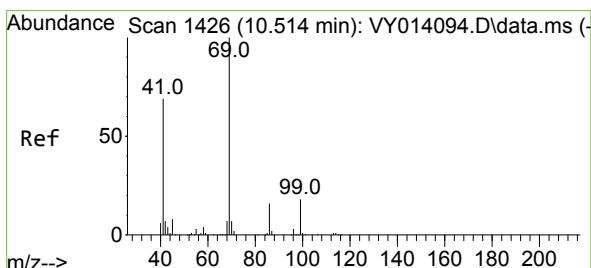
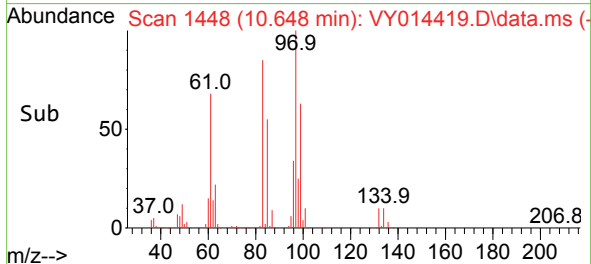
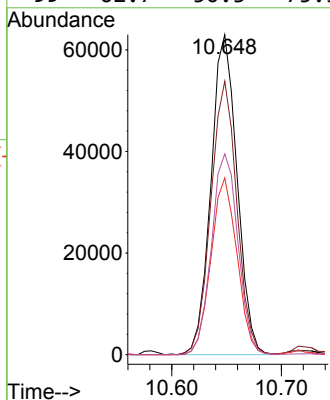
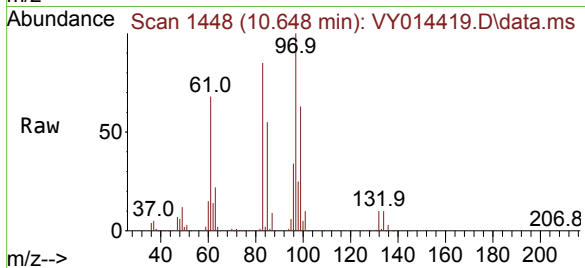




#55
1,1,2-Trichloroethane
Concen: 51.624 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

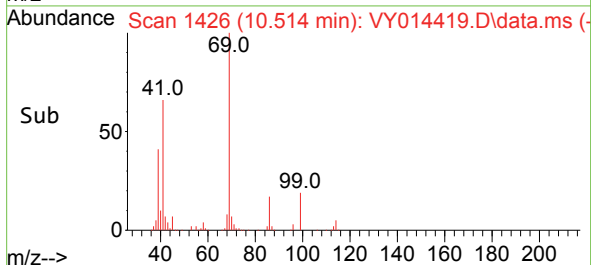
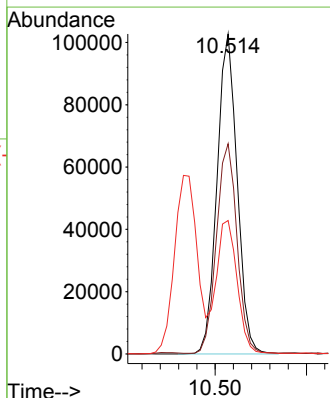
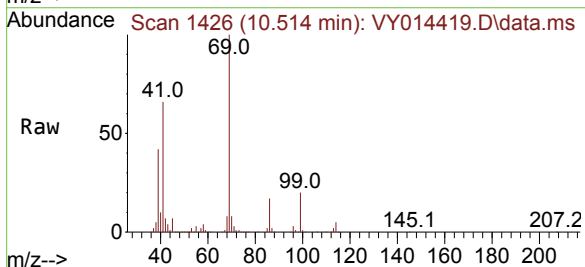
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

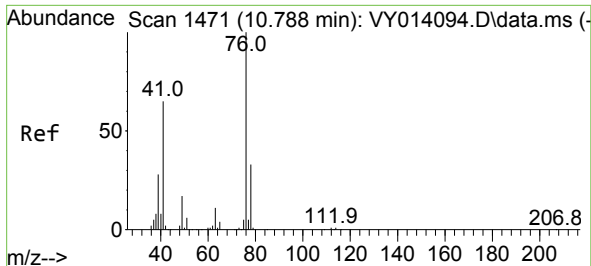
Tgt Ion:	97	Resp:	104374
Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.0	108.0
85	55.3	45.4	68.0
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 54.473 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:	69	Resp:	157285
Ion	Ratio	Lower	Upper
69	100		
41	66.9	57.6	86.4
39	43.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.533 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

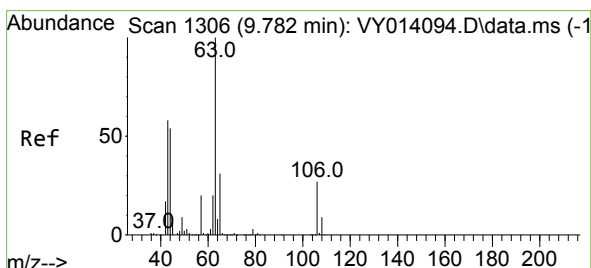
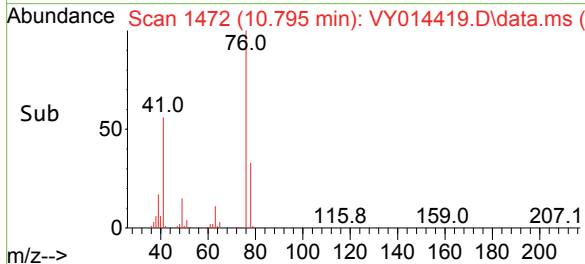
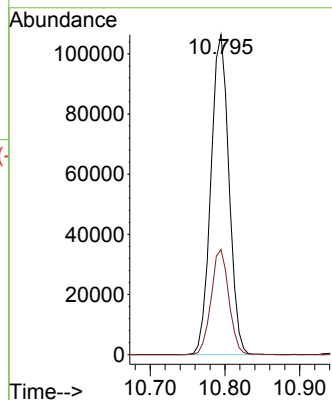
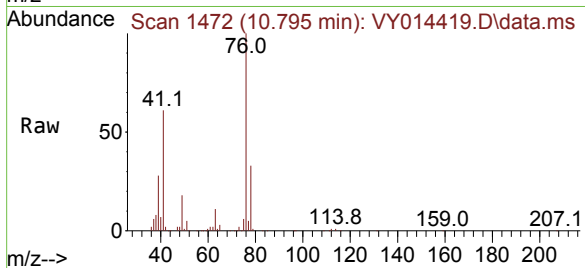
VSTDCCC050EC

Tgt Ion: 76 Resp: 178649

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 270.816 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014419.D

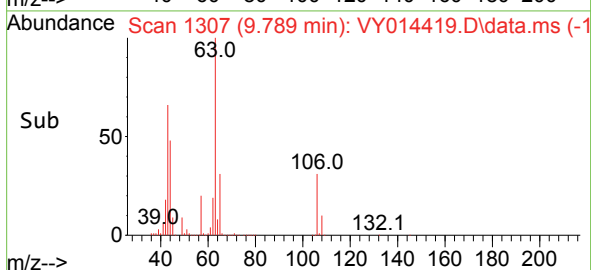
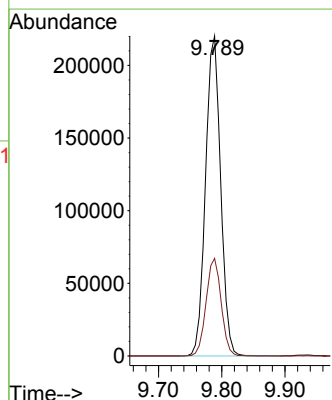
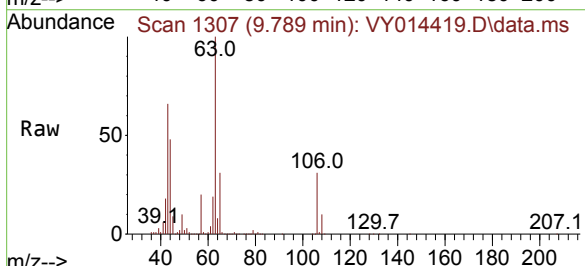
Acq: 23 Jun 2023 19:45

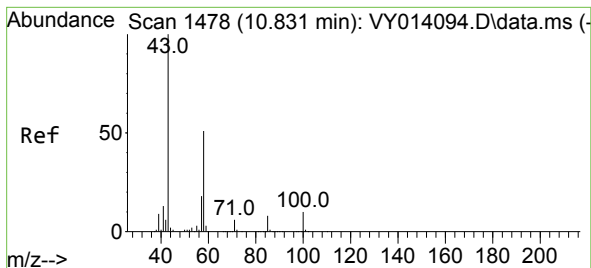
Tgt Ion: 63 Resp: 366287

Ion Ratio Lower Upper

63 100

106 30.4 21.2 31.8

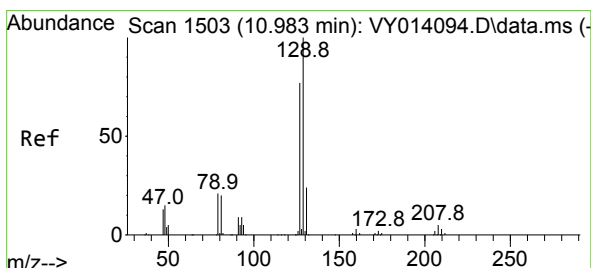
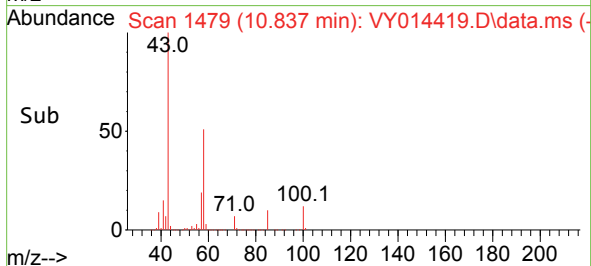
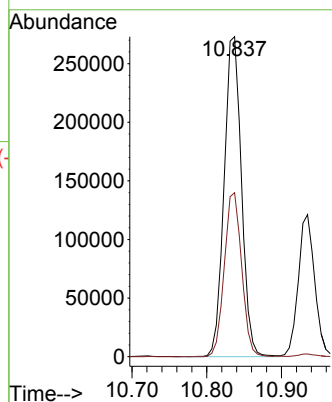
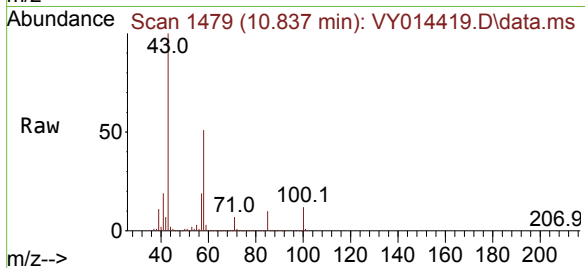




#59
2-Hexanone
Concen: 257.154 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

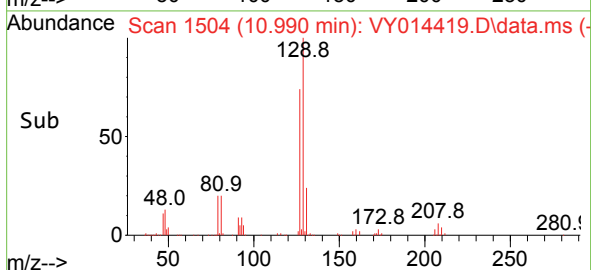
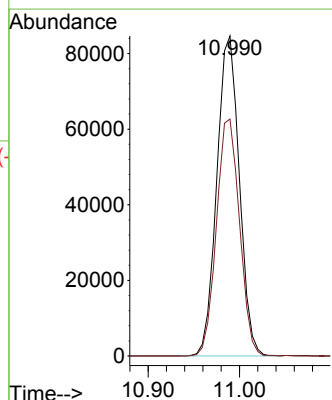
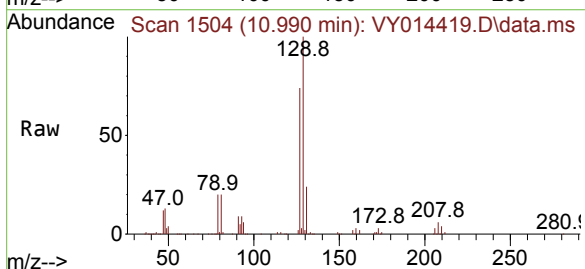
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

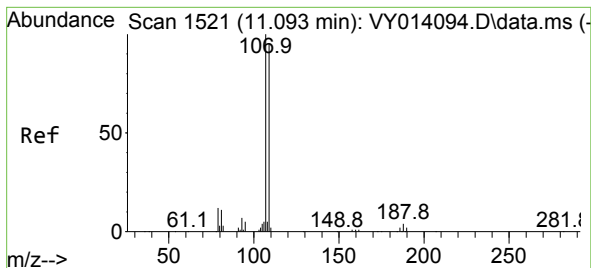
Tgt Ion: 43 Resp: 440309
Ion Ratio Lower Upper
43 100
58 51.3 25.1 75.3



#60
Dibromochloromethane
Concen: 54.048 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 129 Resp: 144958
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

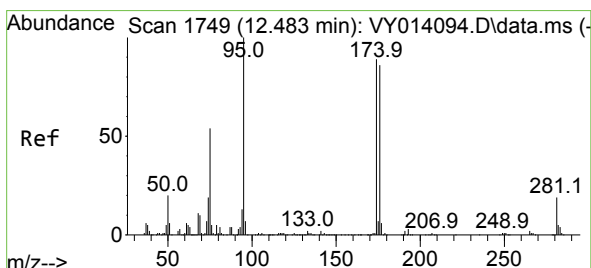
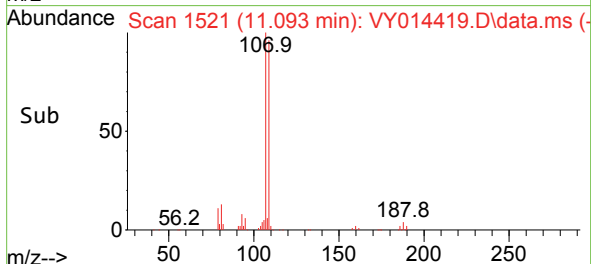
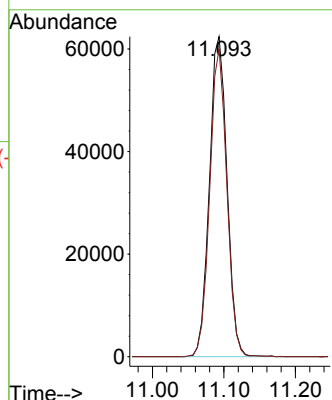
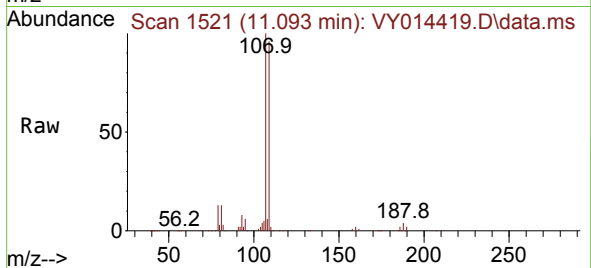




#61
1,2-Dibromoethane
Concen: 53.027 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

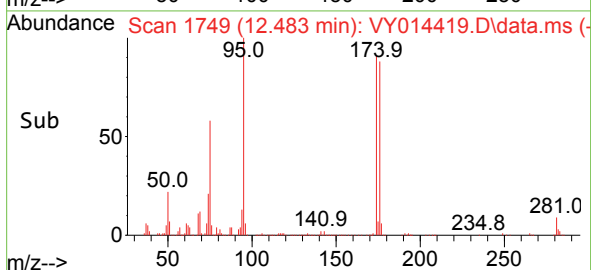
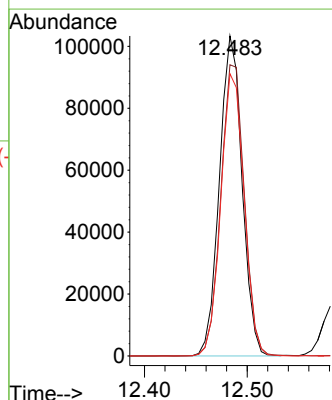
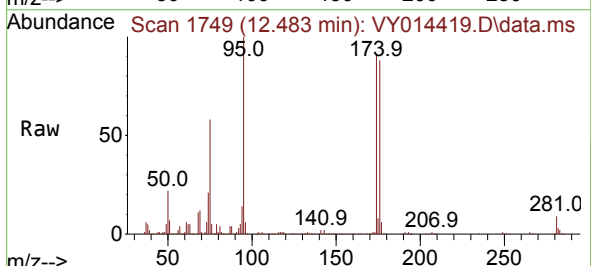
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

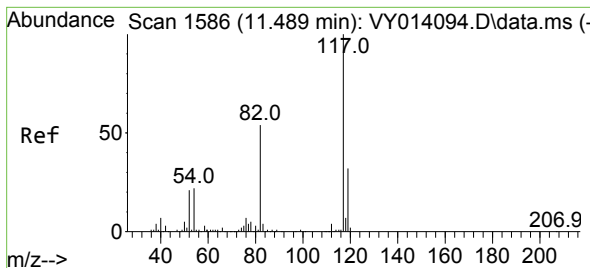
Tgt Ion:107 Resp: 106744
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 95 Resp: 158189
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 90.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

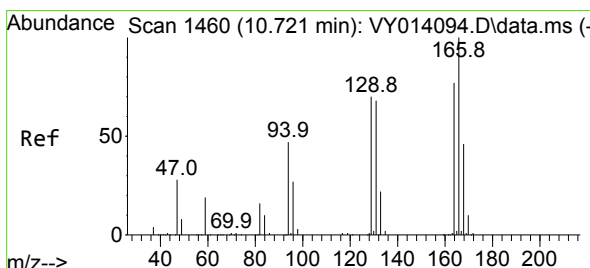
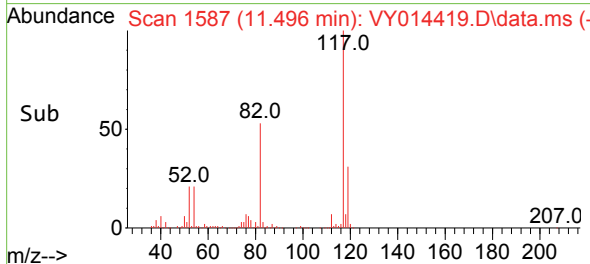
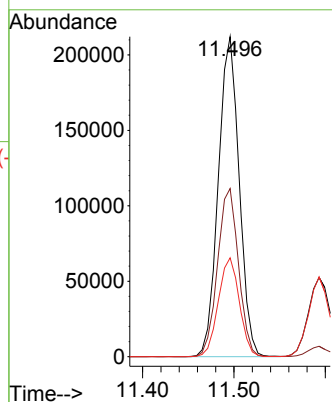
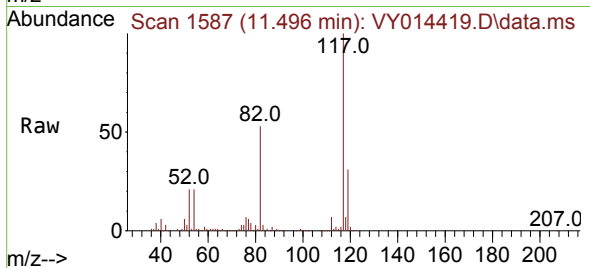
Tgt Ion:117 Resp: 336314

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 30.9 26.3 39.5



#64

Tetrachloroethene

Concen: 48.907 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Tgt Ion:164 Resp: 139966

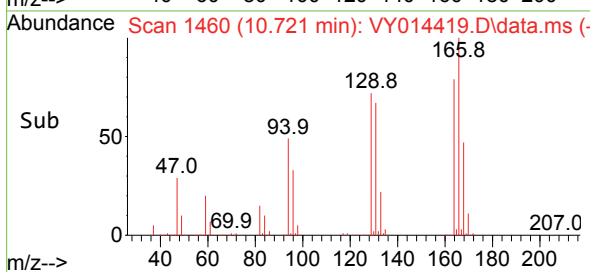
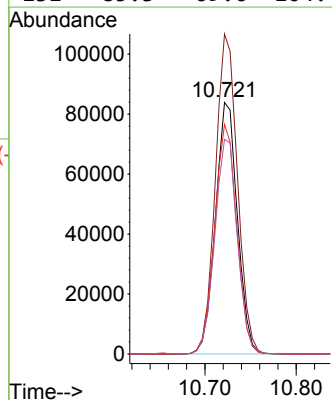
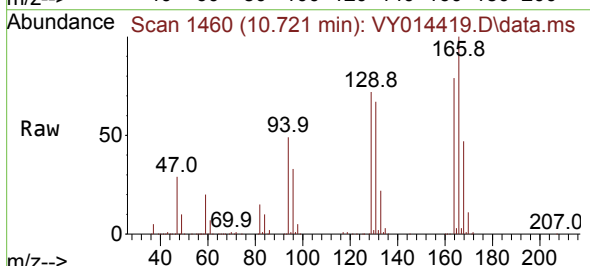
Ion Ratio Lower Upper

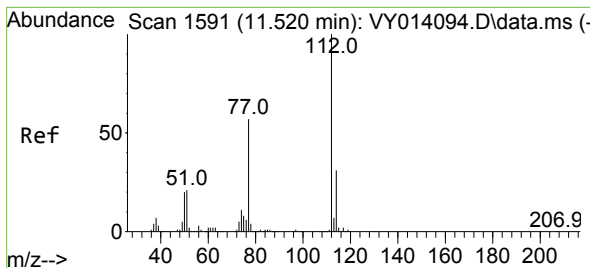
164 100

166 127.2 103.0 154.6

129 91.3 77.2 115.8

131 85.3 69.6 104.4

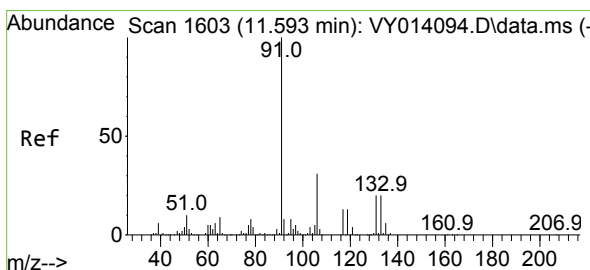
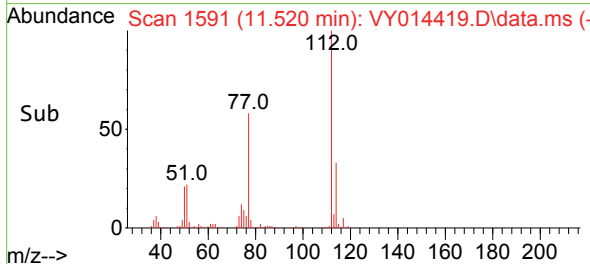
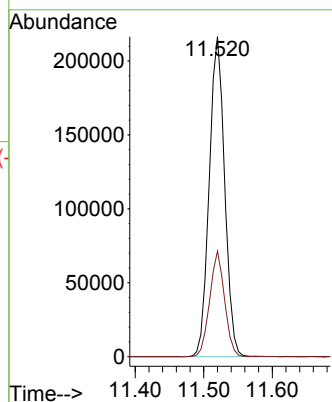
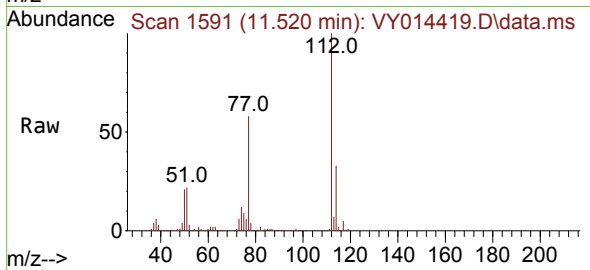




#65
Chlorobenzene
Concen: 49.123 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

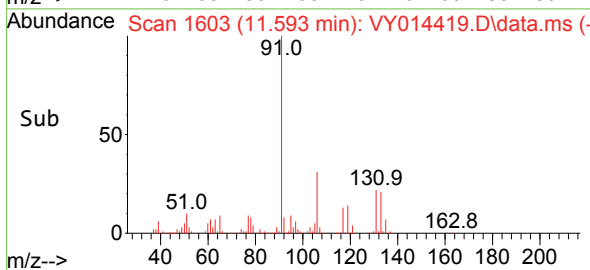
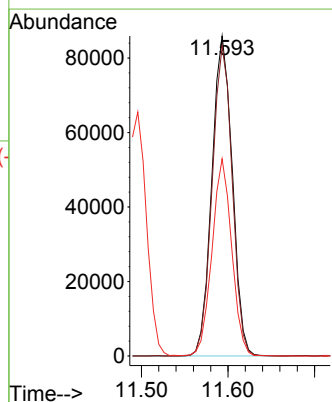
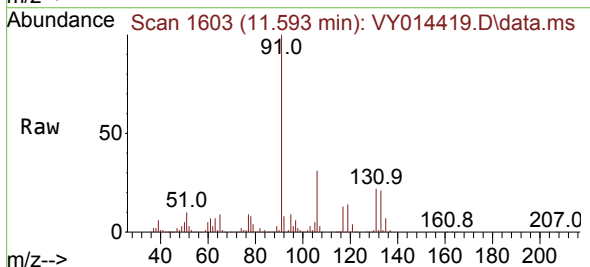
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

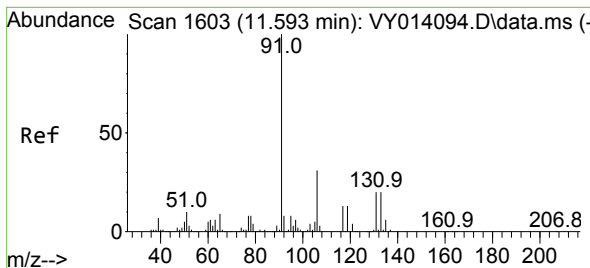
Tgt Ion:112 Resp: 339408
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.545 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:131 Resp: 140675
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 59.5 31.6 94.7

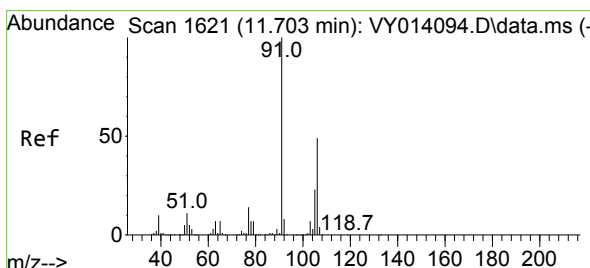
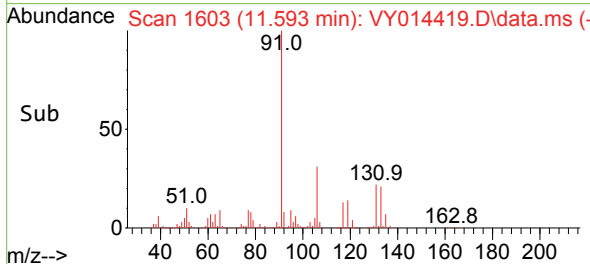
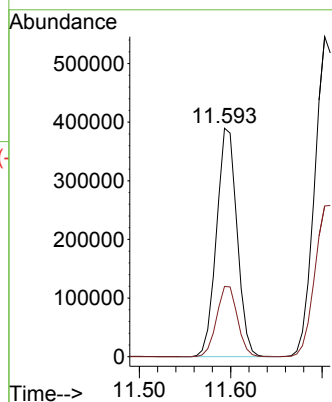
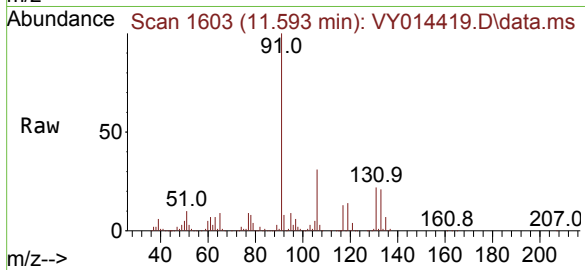




#67
Ethyl Benzene
Concen: 49.462 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

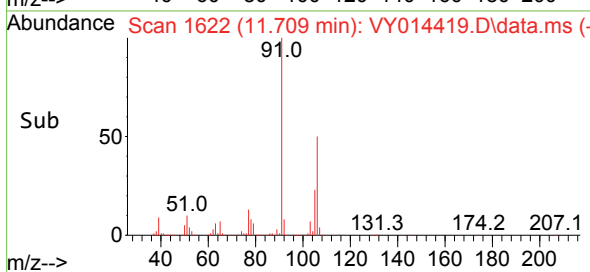
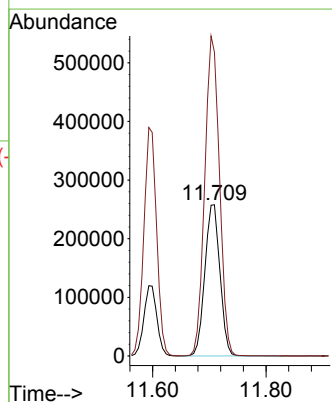
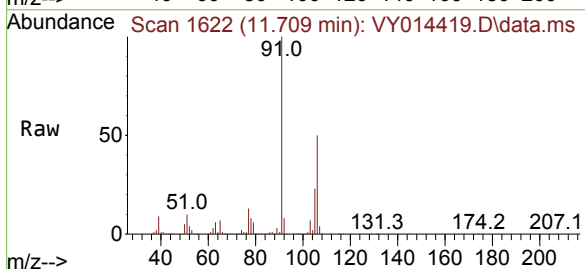
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

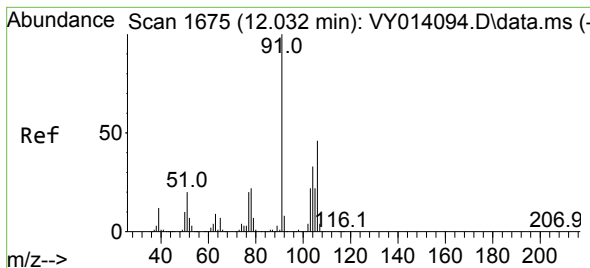
Tgt Ion: 91 Resp: 608547
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 98.896 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:106 Resp: 475240
Ion Ratio Lower Upper
106 100
91 206.5 166.1 249.1

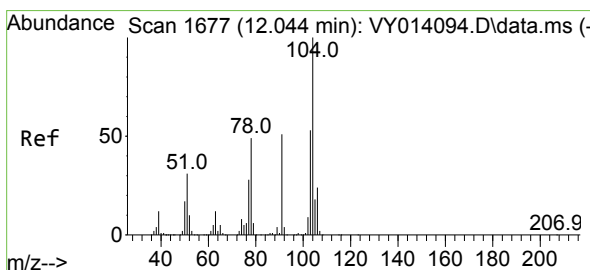
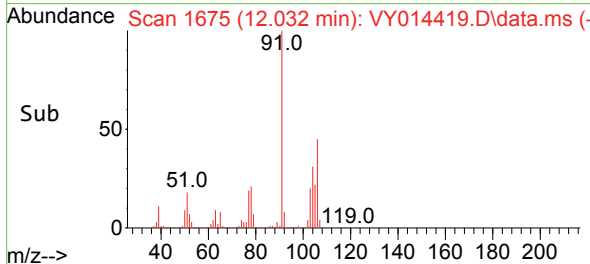
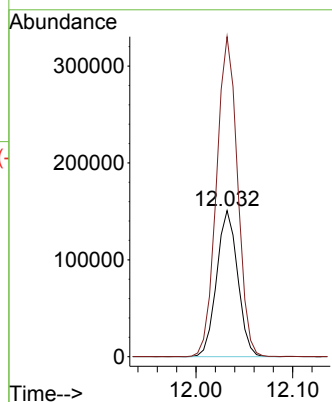
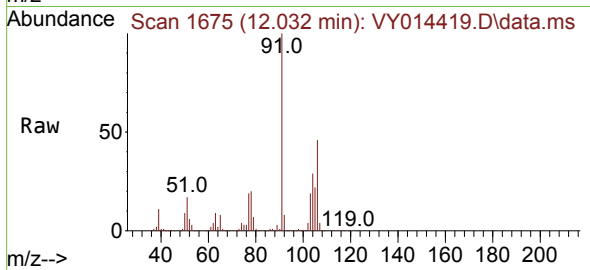




#69
o-Xylene
Concen: 49.812 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

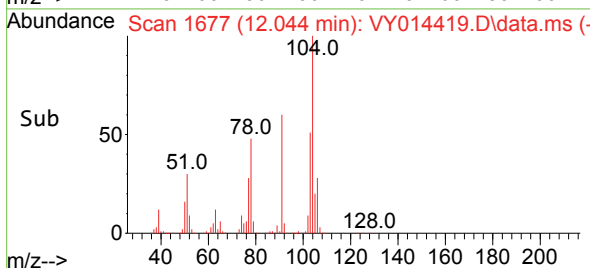
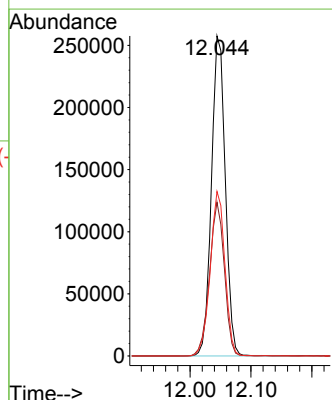
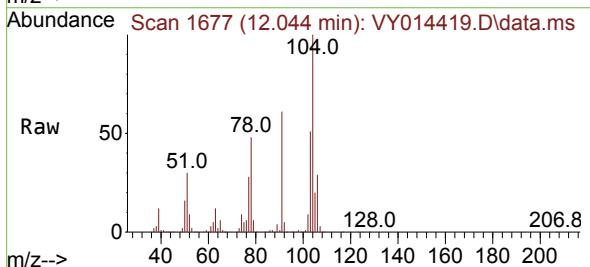
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

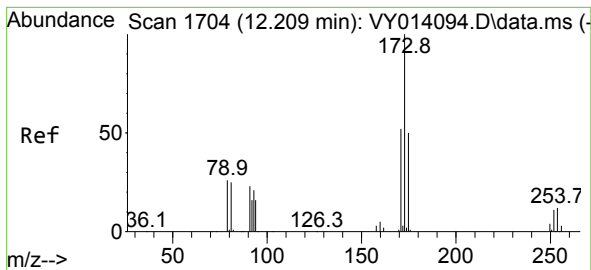
Tgt Ion:106 Resp: 227769
Ion Ratio Lower Upper
106 100
91 219.1 108.1 324.3



#70
Styrene
Concen: 51.873 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:104 Resp: 406532
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 51.492 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

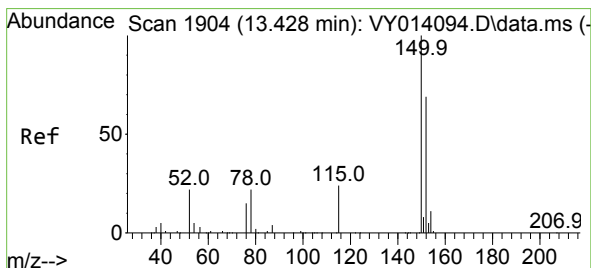
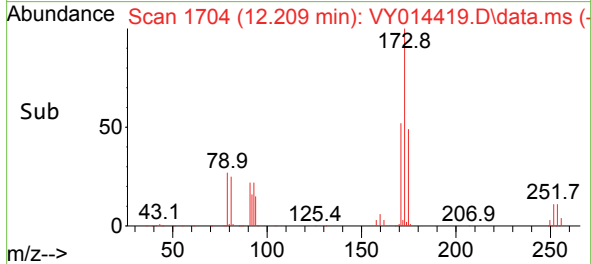
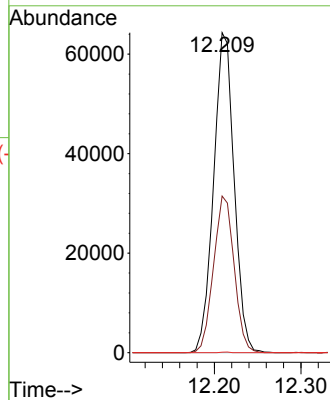
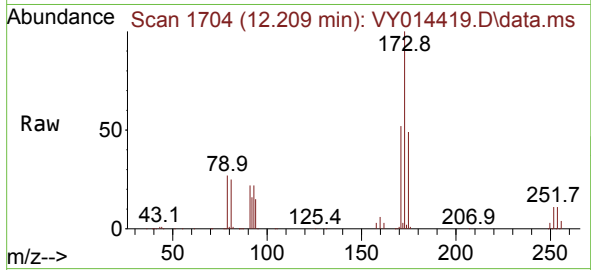
Tgt Ion:173 Resp: 105917

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

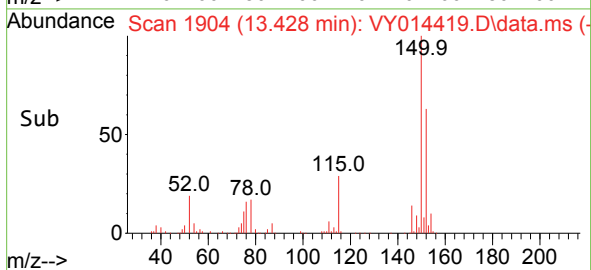
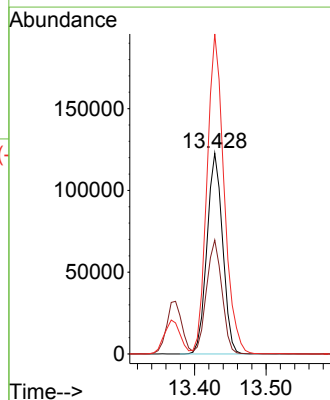
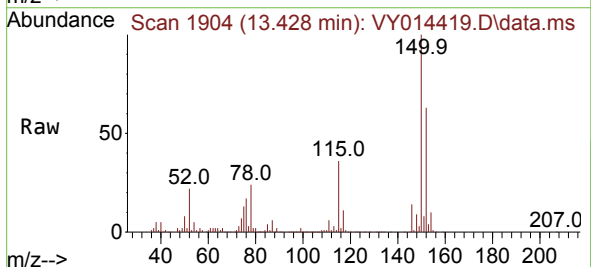
Tgt Ion:152 Resp: 186844

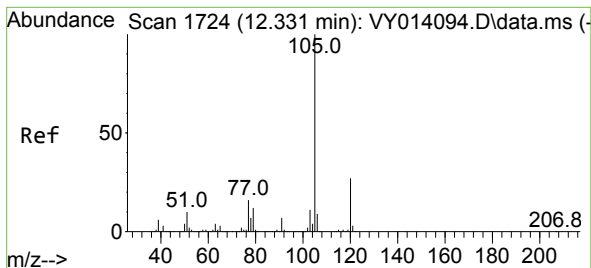
Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 173.6 0.0 348.8





#73

Isopropylbenzene

Concen: 47.905 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

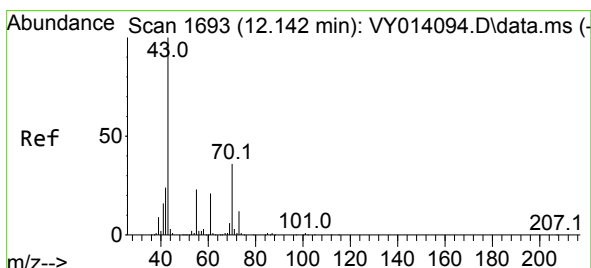
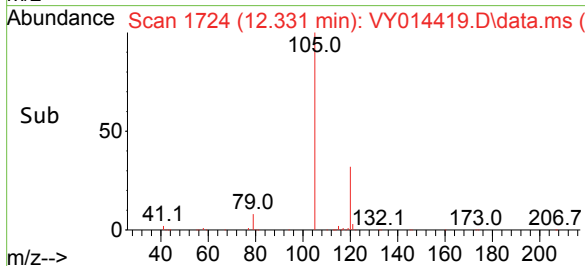
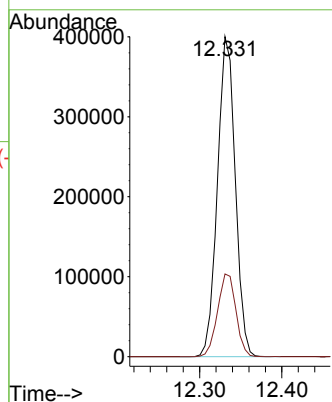
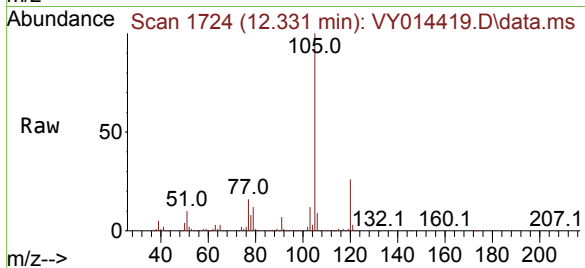
VSTDCCC050EC

Tgt Ion:105 Resp: 602702

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 49.536 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Tgt Ion: 43 Resp: 197375

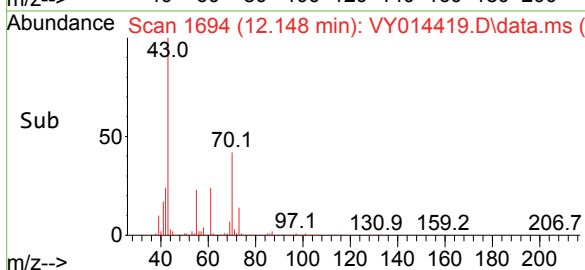
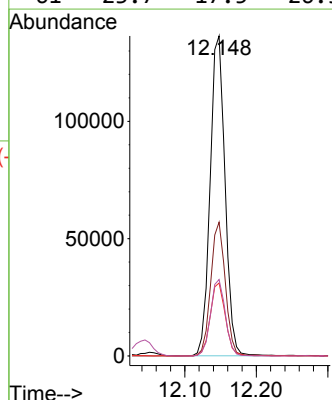
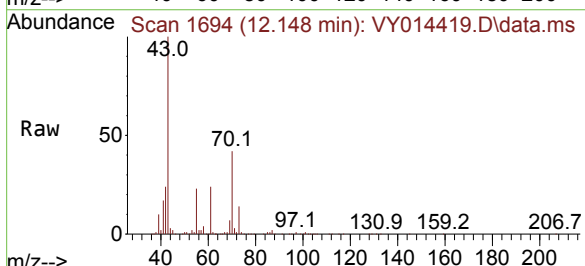
Ion Ratio Lower Upper

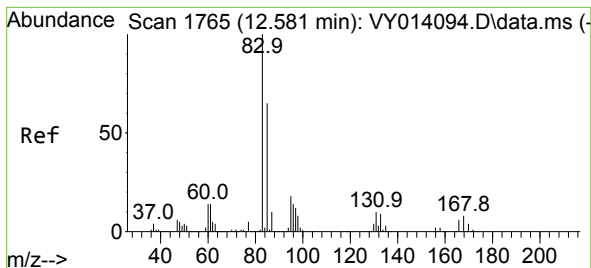
43 100

70 41.1 29.7 44.5

55 23.2 18.3 27.5

61 23.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.231 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

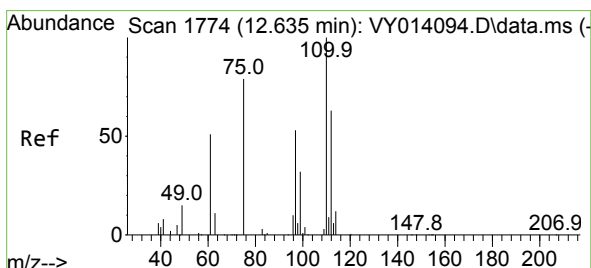
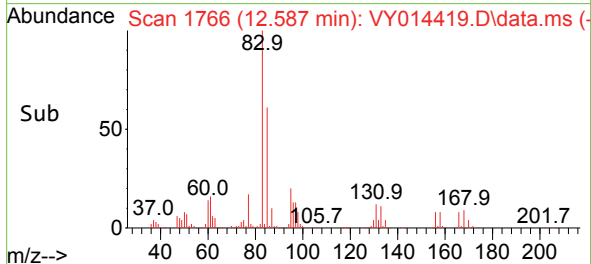
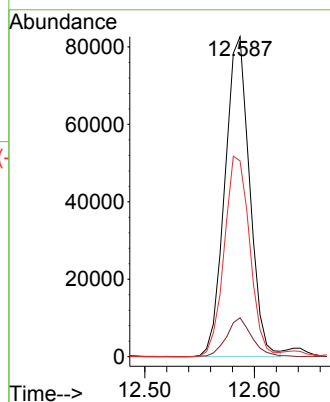
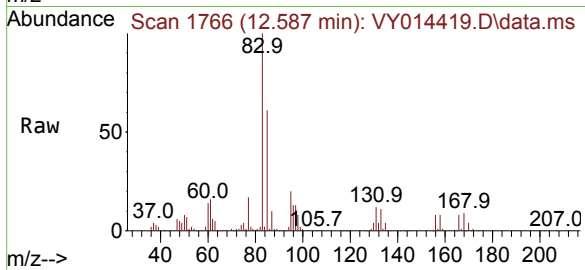
Tgt Ion: 83 Resp: 129680

Ion Ratio Lower Upper

83 100

131 12.5 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 81.511 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014419.D

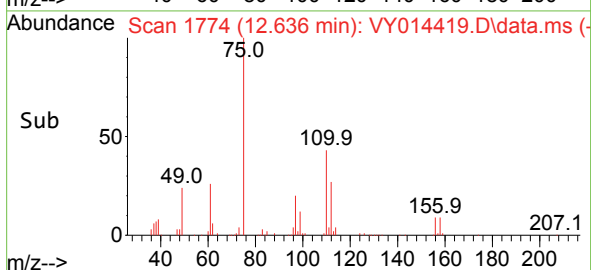
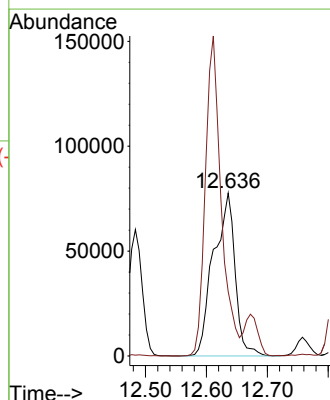
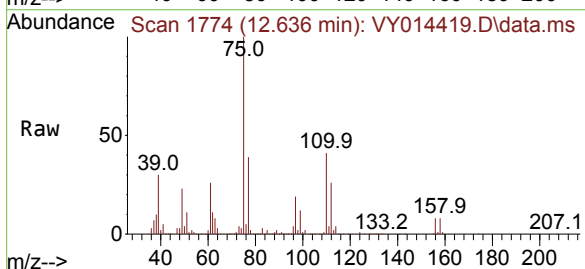
Acq: 23 Jun 2023 19:45

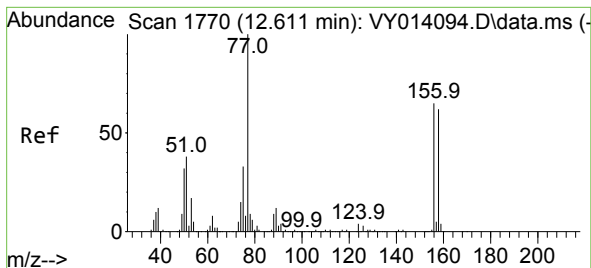
Tgt Ion: 75 Resp: 191046

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.964 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

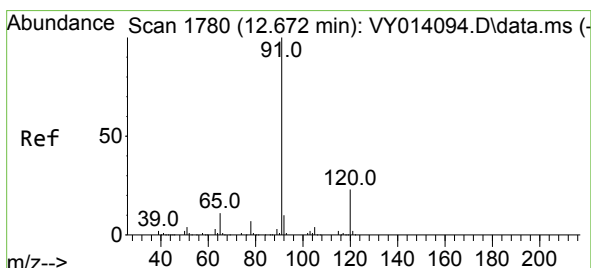
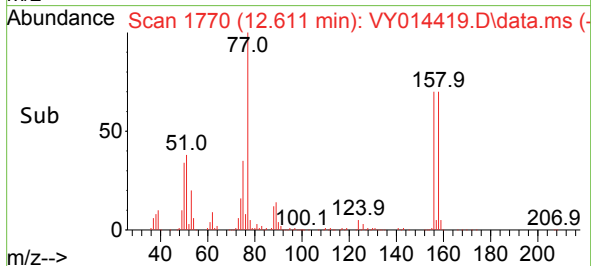
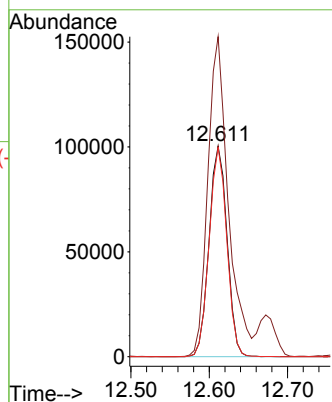
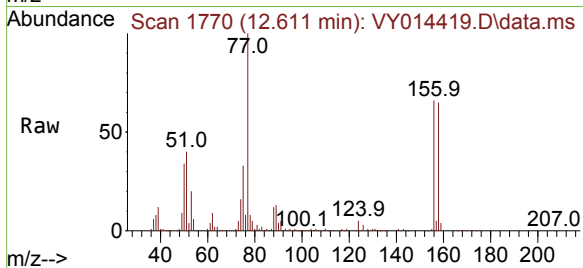
Tgt Ion:156 Resp: 160173

Ion Ratio Lower Upper

156 100

77 172.5 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 47.570 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014419.D

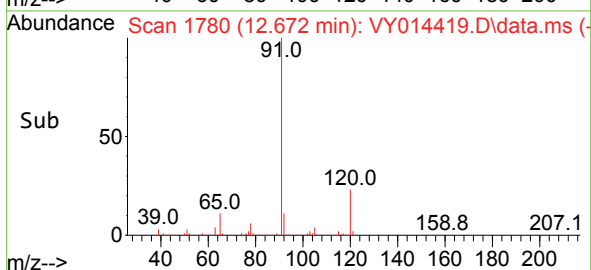
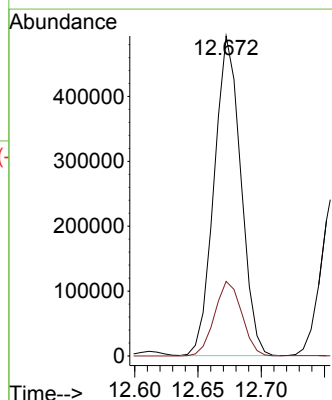
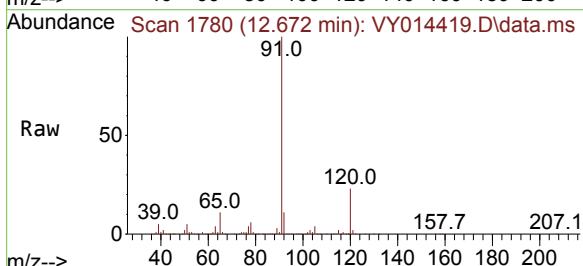
Acq: 23 Jun 2023 19:45

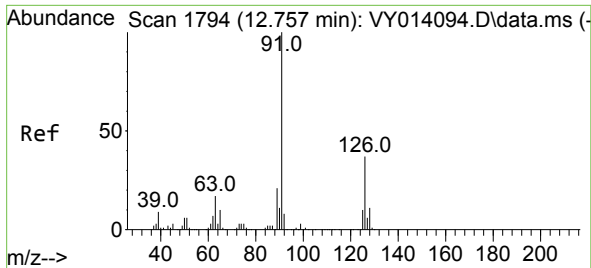
Tgt Ion: 91 Resp: 722042

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

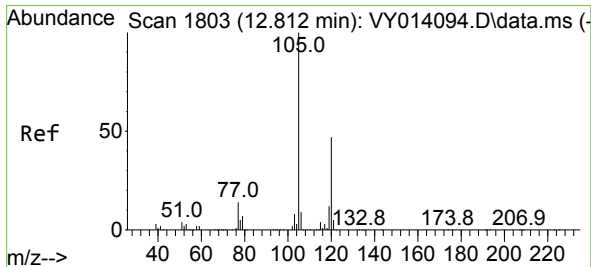
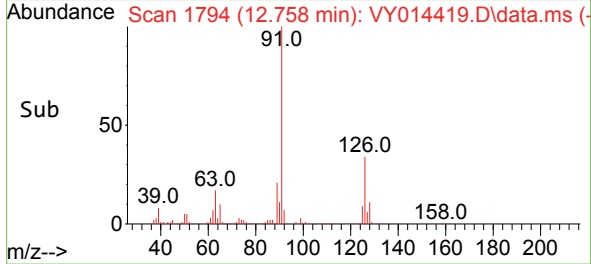
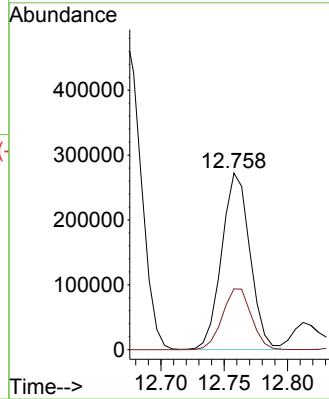
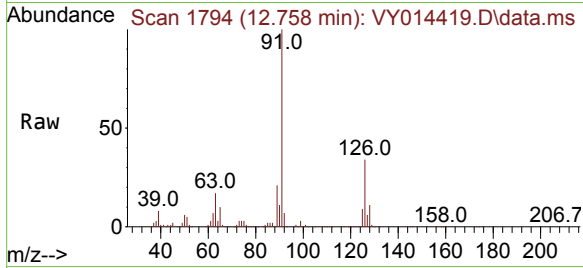




#79
2-Chlorotoluene
Concen: 48.835 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

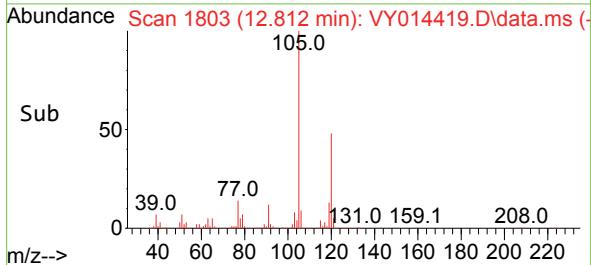
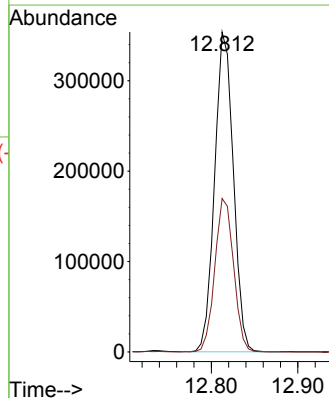
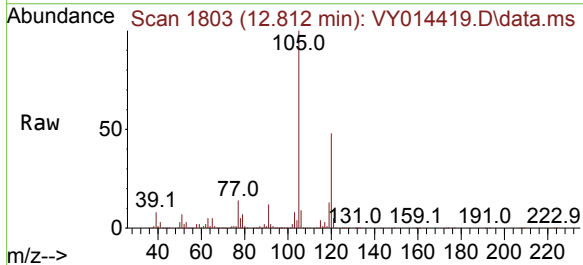
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

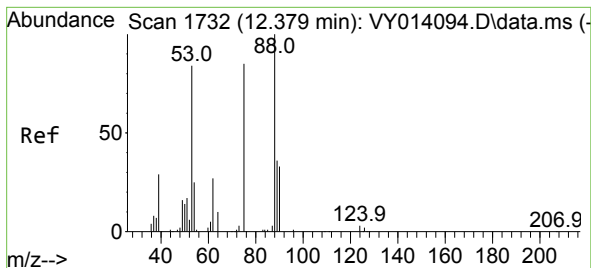
Tgt Ion: 91 Resp: 423328
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.831 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 105 Resp: 531447
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

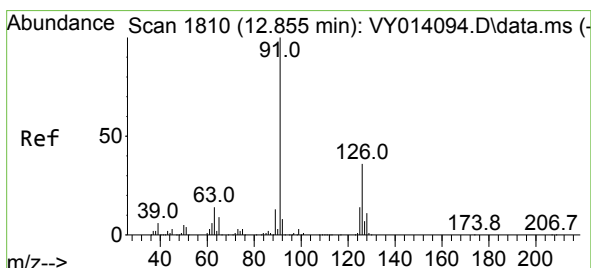
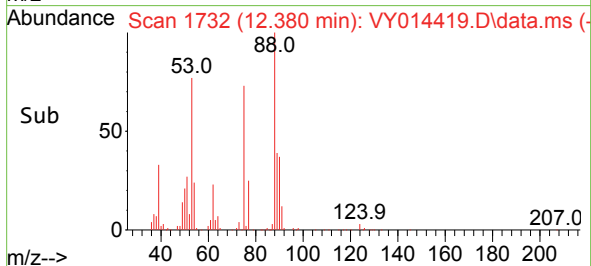
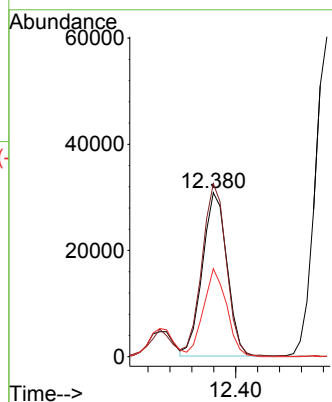
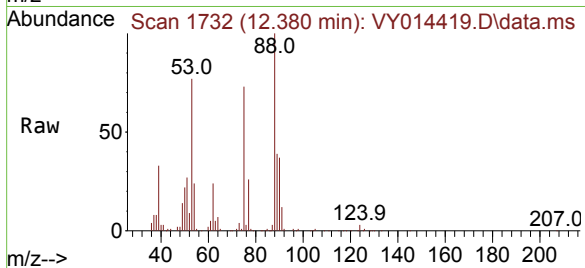




#81
trans-1,4-Dichloro-2-butene
Concen: 46.633 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

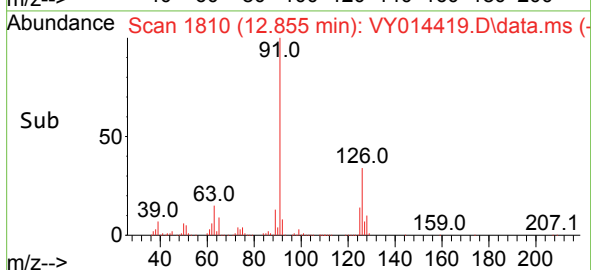
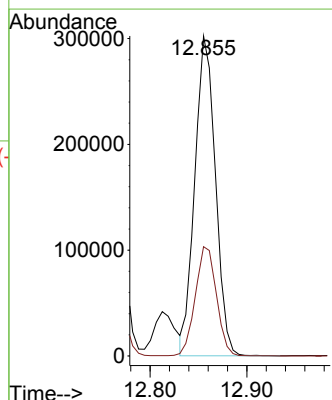
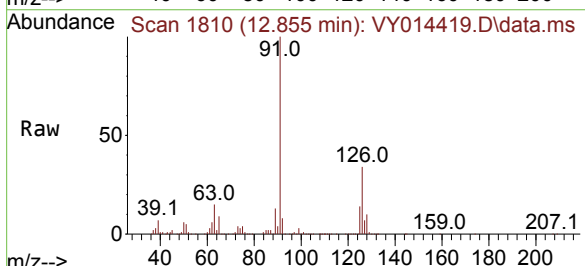
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

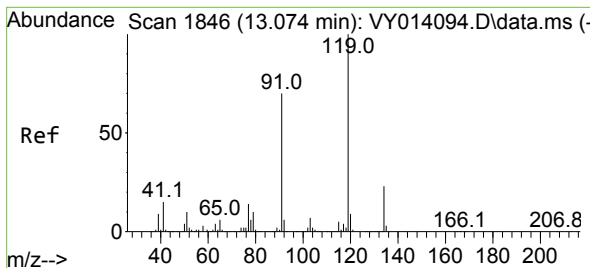
Tgt Ion: 75 Resp: 48008
Ion Ratio Lower Upper
75 100
53 105.1 77.8 116.8
89 50.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.568 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 91 Resp: 448504
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

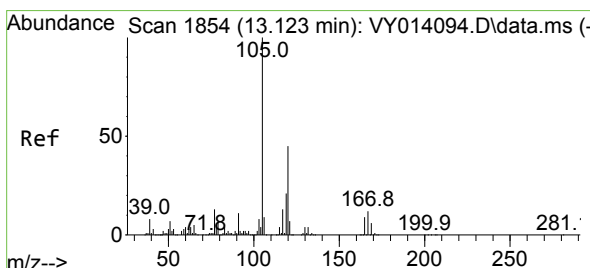
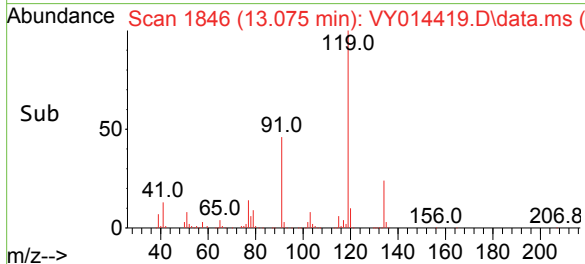
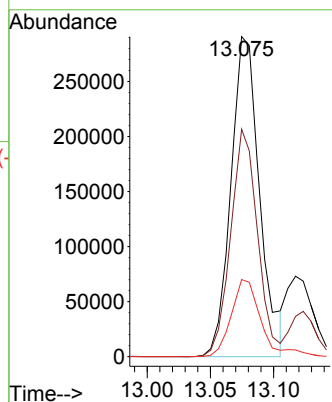
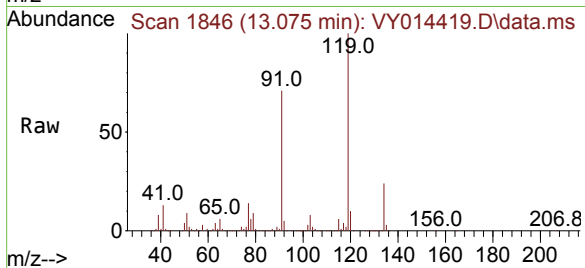




#83
tert-Butylbenzene
Concen: 49.247 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

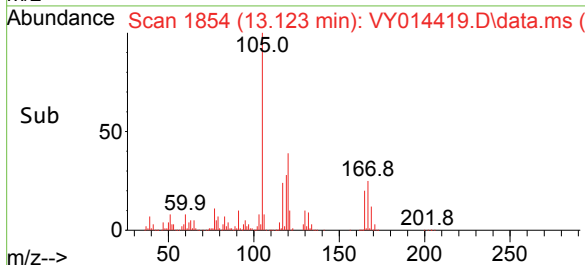
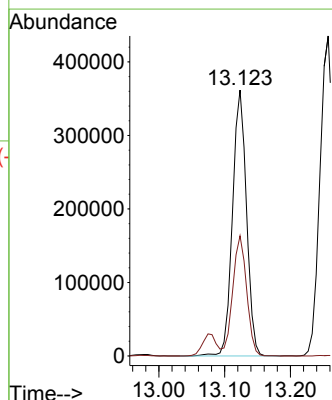
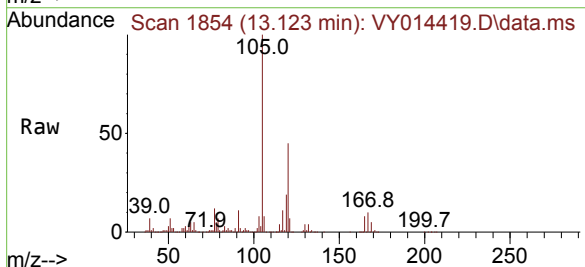
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

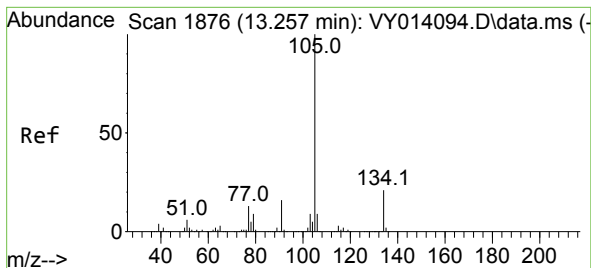
Tgt Ion:119 Resp: 459490
Ion Ratio Lower Upper
119 100
91 66.7 32.9 98.6
134 25.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.646 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:105 Resp: 535406
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.061 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.001 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

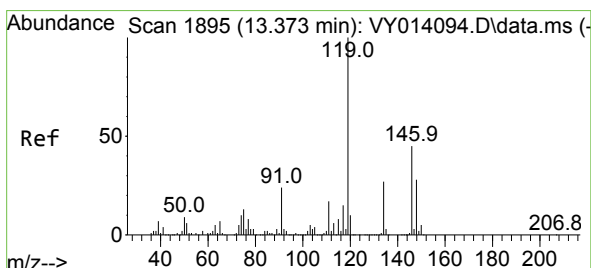
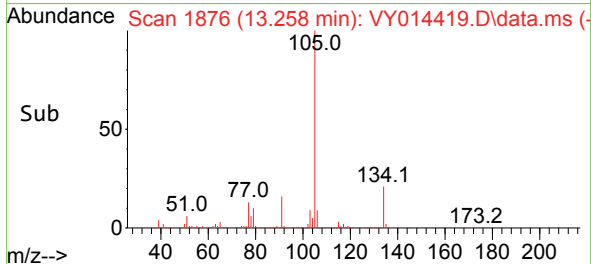
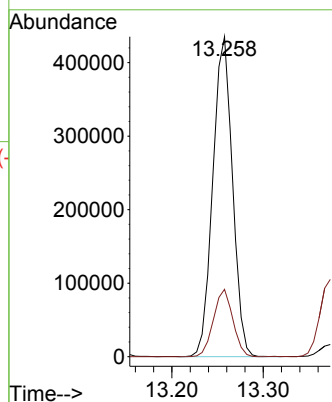
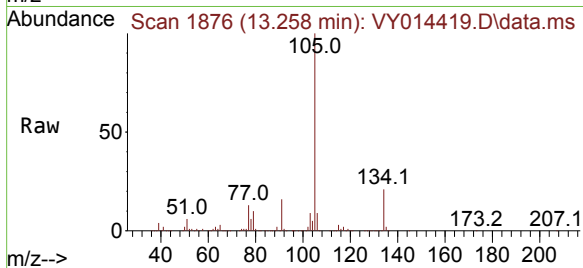
VSTDCCC050EC

Tgt Ion:105 Resp: 648469

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.486 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

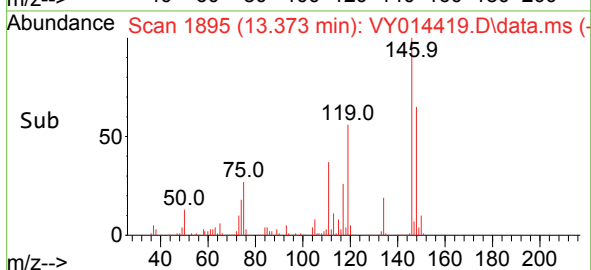
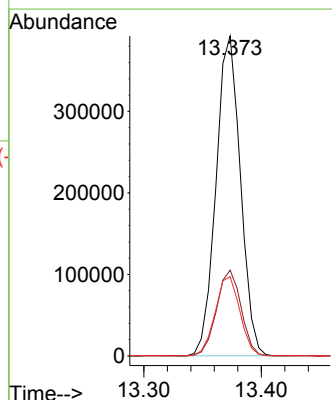
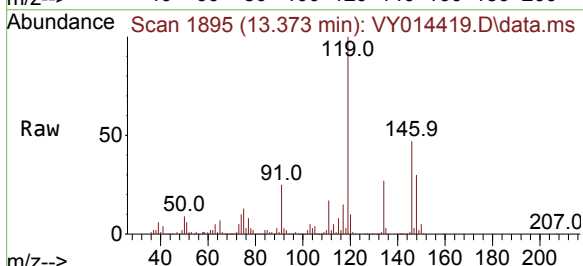
Tgt Ion:119 Resp: 566420

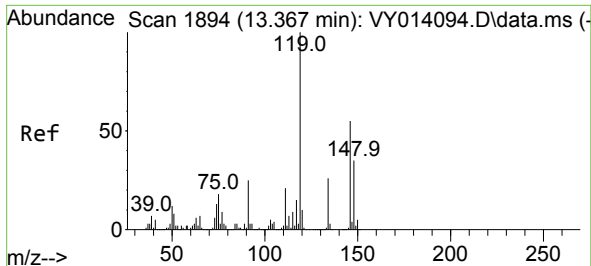
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 25.1 12.4 37.4

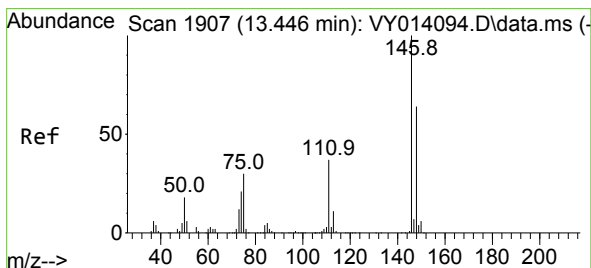
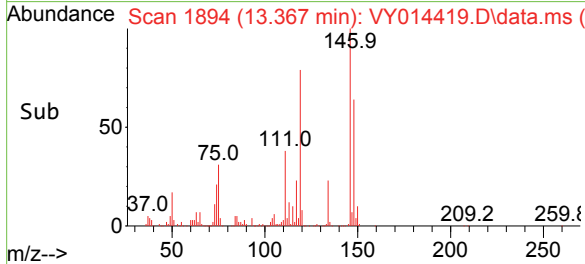
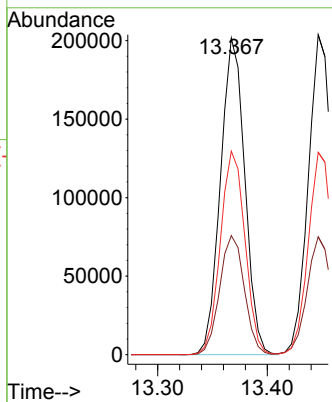
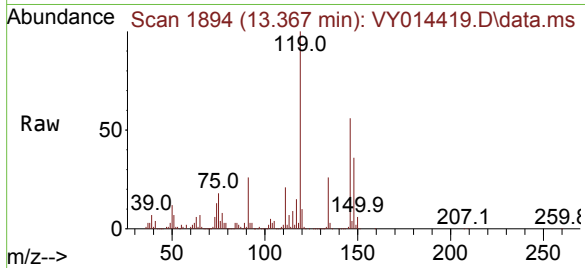




#87
 1,3-Dichlorobenzene
 Concen: 49.380 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

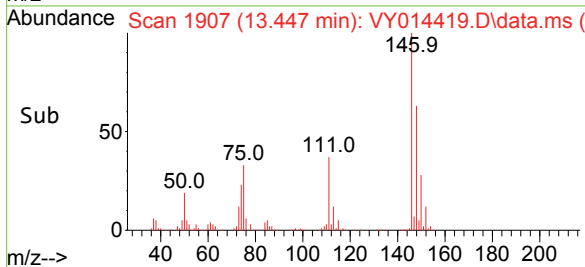
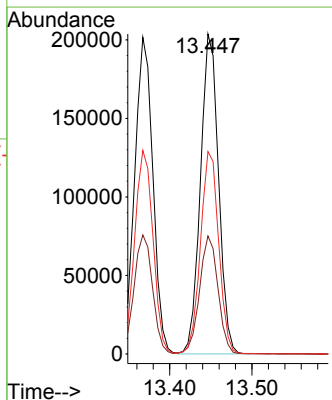
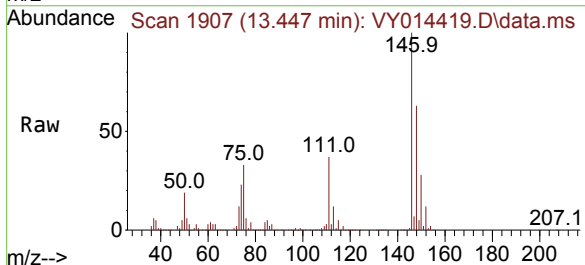
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

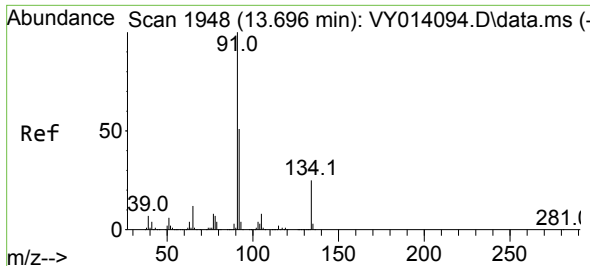
Tgt Ion:146 Resp: 311567
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 64.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.052 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.001 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

Tgt Ion:146 Resp: 311148
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 63.8 32.1 96.5

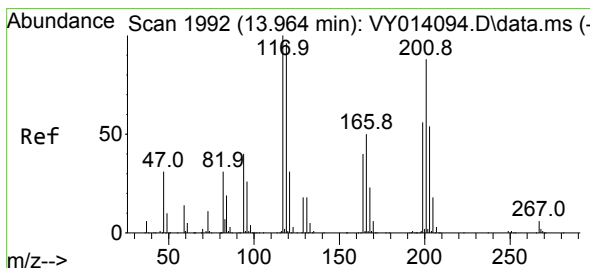
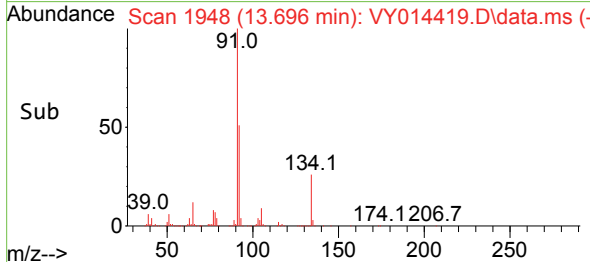
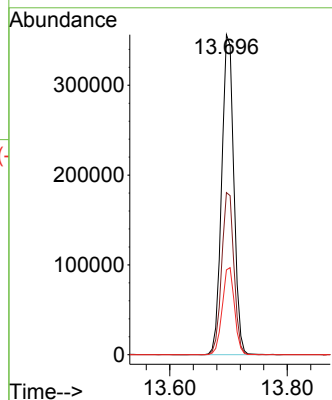
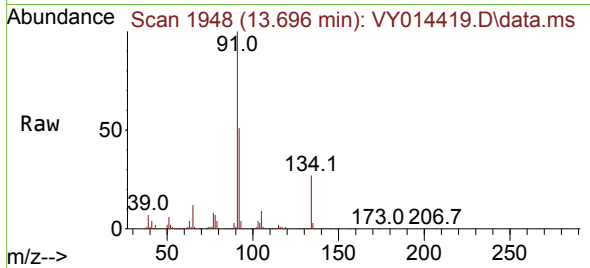




#89
n-Butylbenzene
Concen: 47.829 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

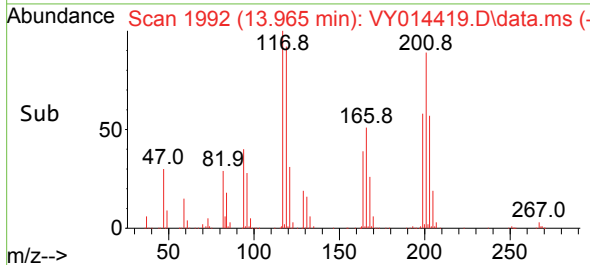
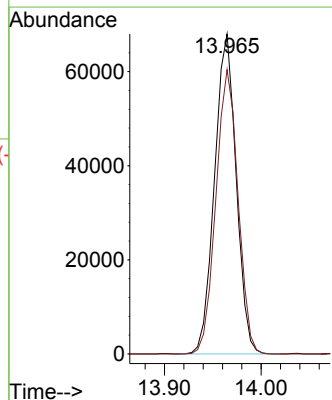
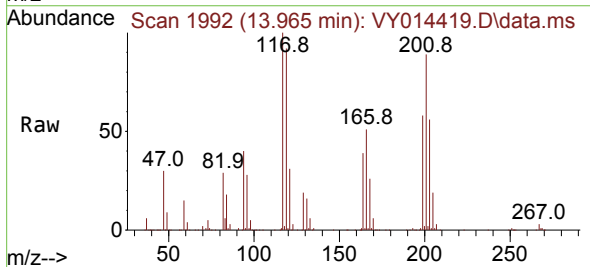
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

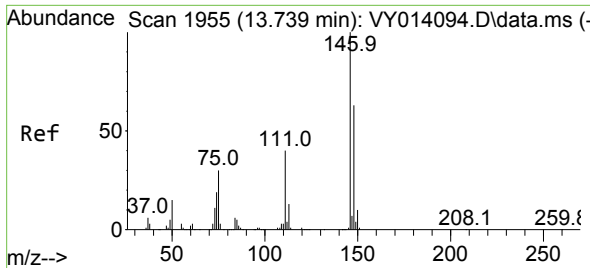
Tgt Ion: 91 Resp: 510516
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 27.4 12.6 37.6



#90
Hexachloroethane
Concen: 47.533 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion: 117 Resp: 105638
Ion Ratio Lower Upper
117 100
201 90.7 41.6 124.8

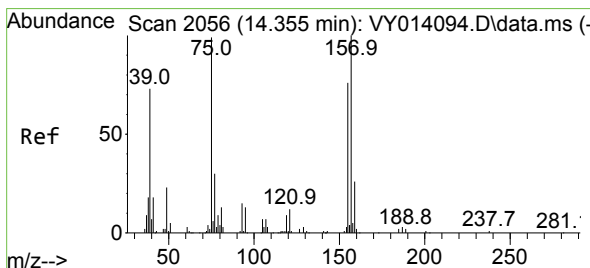
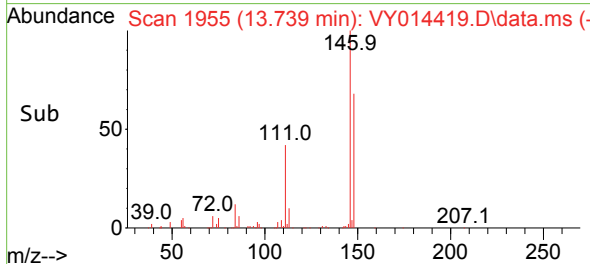
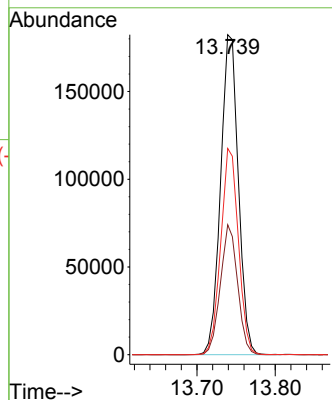
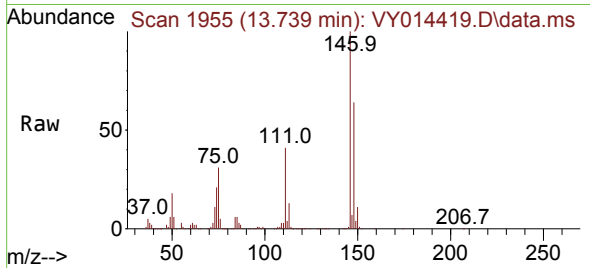




#91
 1,2-Dichlorobenzene
 Concen: 49.978 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

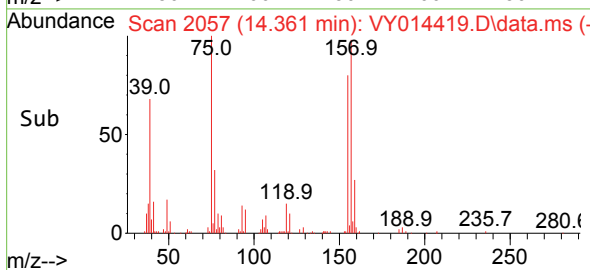
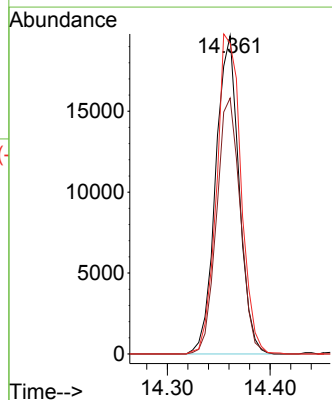
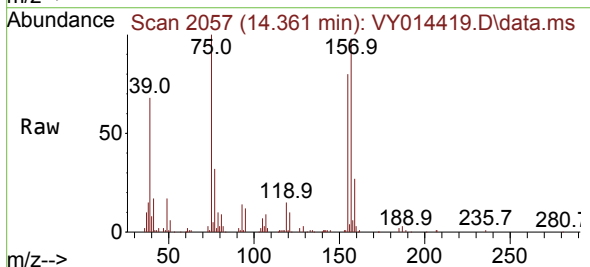
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

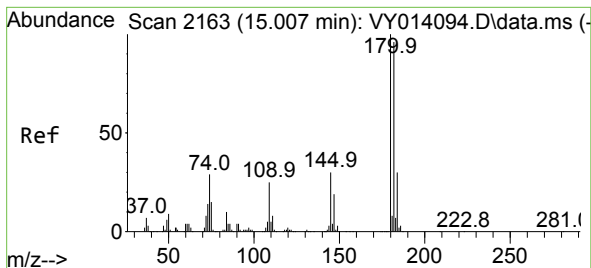
Tgt Ion:	146	Resp:	287876
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.7	59.0
148	64.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.013 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY014419.D
 Acq: 23 Jun 2023 19:45

Tgt Ion:	75	Resp:	30909
Ion Ratio	Lower	Upper	
75	100		
155	81.7	41.5	124.6
157	105.4	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.959 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

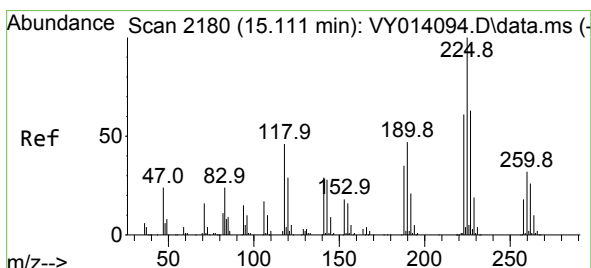
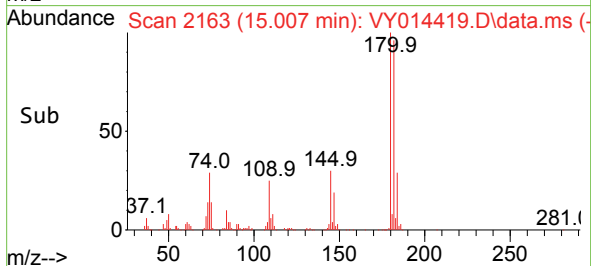
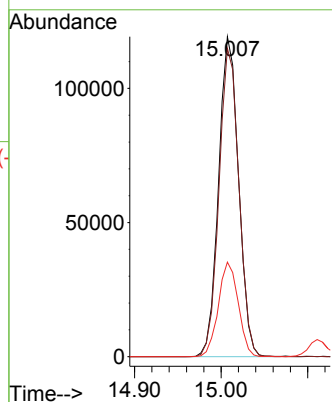
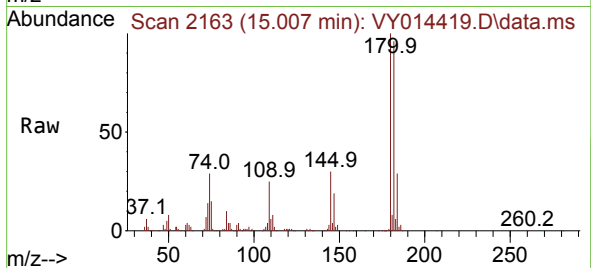
Tgt Ion:180 Resp: 190703

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.318 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY014419.D

Acq: 23 Jun 2023 19:45

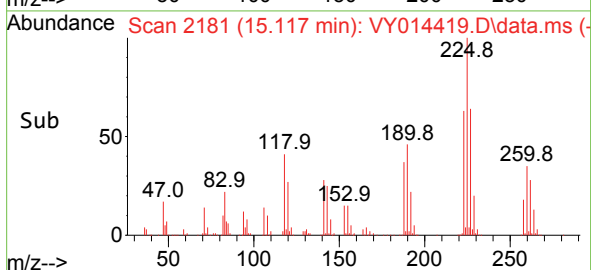
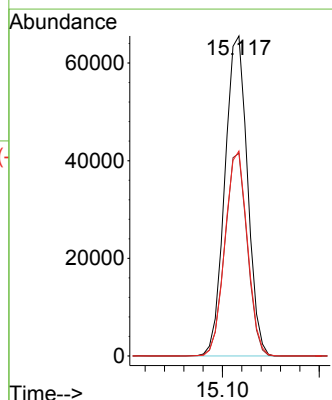
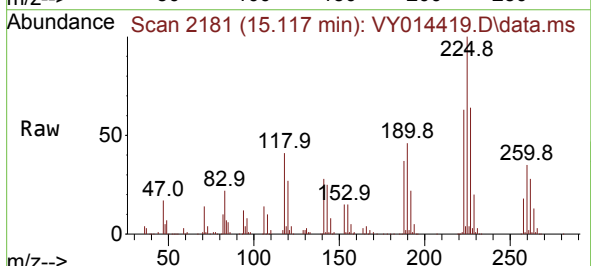
Tgt Ion:225 Resp: 106368

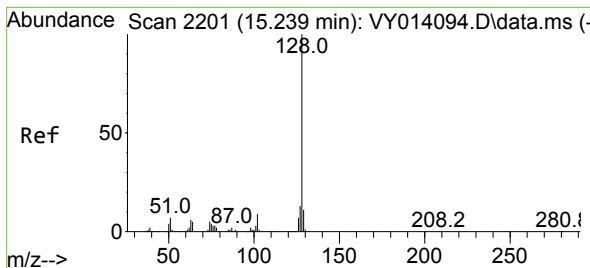
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 63.7 33.0 98.9

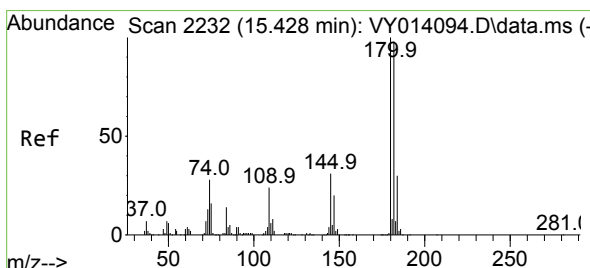
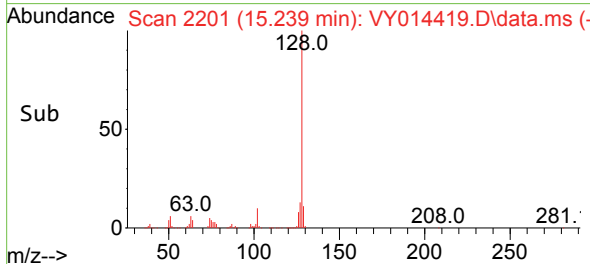
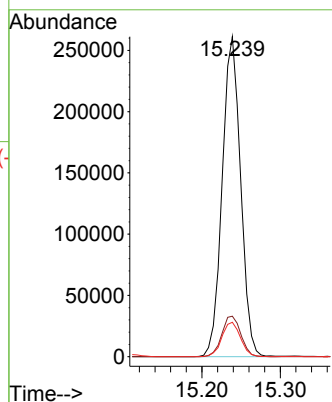
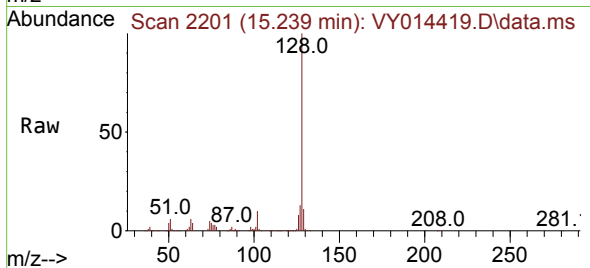




#95
Naphthalene
Concen: 53.087 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 427126
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.857 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014419.D
Acq: 23 Jun 2023 19:45

Tgt Ion:180 Resp: 173298
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 31.5 15.4 46.2

