

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014818.D
 Acq On : 25 Jul 2023 22:27
 Operator : SY/MD
 Sample : VY0725SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

Quant Time: Jul 26 02:13:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	200665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106905	46.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.500%
35) Dibromofluoromethane	7.722	113	95692	43.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.179	98	345927	42.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.680%
62) 4-Bromofluorobenzene	12.483	95	126522	40.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34286	20.972	ug/l	91
3) Chloromethane	2.113	50	45460	24.737	ug/l	98
4) Vinyl Chloride	2.253	62	51713	25.179	ug/l	94
5) Bromomethane	2.631	94	39310	28.962	ug/l	98
6) Chloroethane	2.784	64	33848	26.384	ug/l	98
7) Trichlorofluoromethane	3.119	101	71202	20.642	ug/l	100
8) Diethyl Ether	3.534	74	27674	21.562	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	42531	20.116	ug/l	94
10) Methyl Iodide	4.095	142	39419	19.124	ug/l	97
11) Tert butyl alcohol	4.960	59	74556	148.586	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	39857	20.170	ug/l	93
13) Acrolein	3.735	56	21168	88.569	ug/l	100
14) Allyl chloride	4.485	41	65997	18.810	ug/l	96
15) Acrylonitrile	5.168	53	85515	120.830	ug/l	98
16) Acetone	3.954	43	72010	99.377	ug/l	95
17) Carbon Disulfide	4.198	76	108838	19.238	ug/l	100
18) Methyl Acetate	4.479	43	76671	27.572	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	139167	21.681	ug/l	97
20) Methylene Chloride	4.722	84	62687	24.475	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	46226	20.614	ug/l	97
22) Diisopropyl ether	6.125	45	143714	20.147	ug/l	93
23) Vinyl Acetate	6.064	43	411691	96.443	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	83676	20.501	ug/l	96
25) 2-Butanone	6.990	43	121575	114.682	ug/l	92
26) 2,2-Dichloropropane	6.984	77	71588	18.403	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	54769	20.982	ug/l	97
28) Bromochloromethane	7.338	49	40706	23.157	ug/l	94
29) Tetrahydrofuran	7.350	42	80051	122.634	ug/l	92
30) Chloroform	7.509	83	88469	21.020	ug/l	97
31) Cyclohexane	7.789	56	70598	18.599	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	77814	20.542	ug/l	99
36) 1,1-Dichloropropene	7.923	75	64161	19.587	ug/l	100
37) Ethyl Acetate	7.076	43	50865	22.554	ug/l #	95
38) Carbon Tetrachloride	7.905	117	67819	19.586	ug/l	99
39) Methylcyclohexane	9.185	83	76605	17.950	ug/l	94
40) Benzene	8.161	78	185835	19.948	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	72018	62.083	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	60954	20.661	ug/l	95
43) Isopropyl Acetate	8.277	43	89420	20.814	ug/l	96
44) Trichloroethene	8.941	130	51963	19.935	ug/l	98
45) 1,2-Dichloropropane	9.216	63	48611	19.983	ug/l	92
46) Dibromomethane	9.307	93	31518	21.357	ug/l	95
47) Bromodichloromethane	9.502	83	69701	20.039	ug/l	97
48) Methyl methacrylate	9.295	41	40028	20.706	ug/l	91
49) 1,4-Dioxane	9.301	88	11443	475.527	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	258487	114.595	ug/l	94
52) Toluene	10.246	92	119859	20.106	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	71250	18.727	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	78594	18.996	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	43049	20.941	ug/l	98
56) Ethyl methacrylate	10.514	69	64640	20.594	ug/l	90
57) 1,3-Dichloropropane	10.795	76	73165	20.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	158934	108.675	ug/l	95
59) 2-Hexanone	10.831	43	186166	113.175	ug/l	92
60) Dibromochloromethane	10.984	129	52206	20.713	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43761	21.339	ug/l	100
64) Tetrachloroethene	10.721	164	53570	21.539	ug/l	96
65) Chlorobenzene	11.520	112	131502	19.955	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	48771	19.629	ug/l	97
67) Ethyl Benzene	11.593	91	231172	19.429	ug/l	100
68) m/p-Xylenes	11.703	106	176903	38.950	ug/l	96
69) o-Xylene	12.032	106	86705	19.600	ug/l	98
70) Styrene	12.044	104	148601	19.931	ug/l	96
71) Bromoform	12.209	173	34434	20.446	ug/l #	100
73) Isopropylbenzene	12.331	105	224687	18.730	ug/l	100
74) N-amyl acetate	12.142	43	75290	18.739	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	55844	20.413	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	72147	37.285	ug/l #	100
77) Bromobenzene	12.611	156	53821	19.654	ug/l	96
78) n-propylbenzene	12.672	91	267077	18.475	ug/l	99
79) 2-Chlorotoluene	12.758	91	152516	18.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	190345	18.999	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17328	17.339	ug/l	95
82) 4-Chlorotoluene	12.855	91	157839	18.406	ug/l	98
83) tert-Butylbenzene	13.075	119	164389	18.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	188894	19.212	ug/l	100
85) sec-Butylbenzene	13.251	105	244036	18.719	ug/l	99
86) p-Isopropyltoluene	13.367	119	202321	19.007	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	104137	19.539	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	105983	19.844	ug/l	98
89) n-Butylbenzene	13.696	91	186880	18.046	ug/l	97
90) Hexachloroethane	13.959	117	38797	17.745	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	96058	19.672	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11048	21.117	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	57319	18.492	ug/l	98
94) Hexachlorobutadiene	15.111	225	30311	17.795	ug/l	98
95) Naphthalene	15.233	128	143955	19.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51883	18.834	ug/l	99

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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

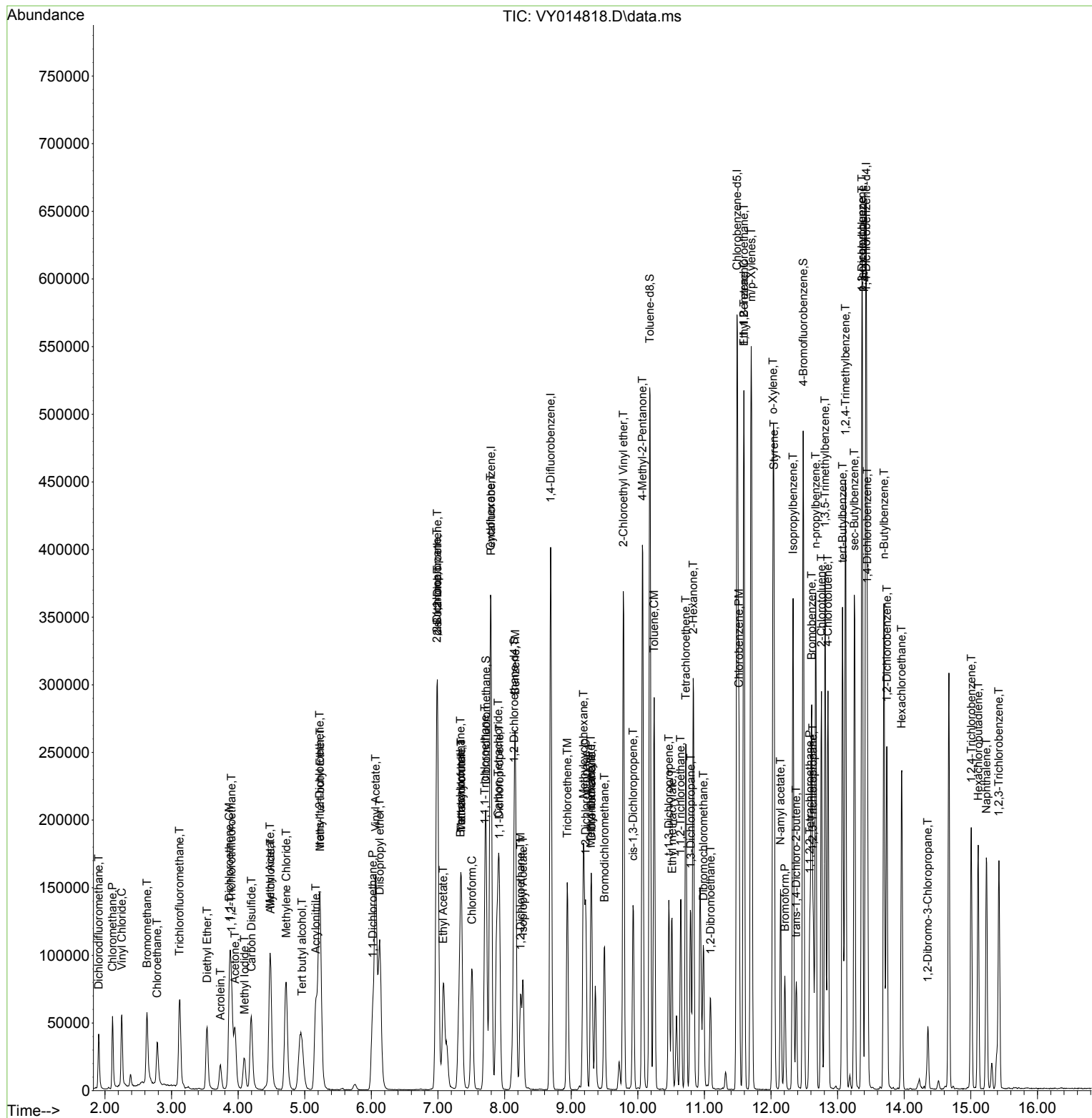
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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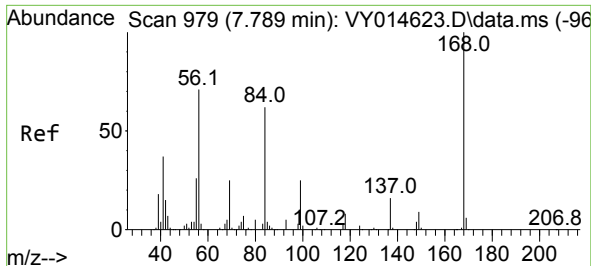
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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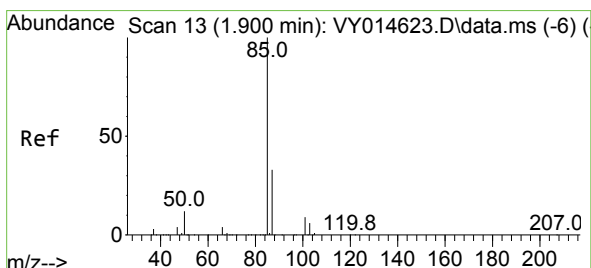
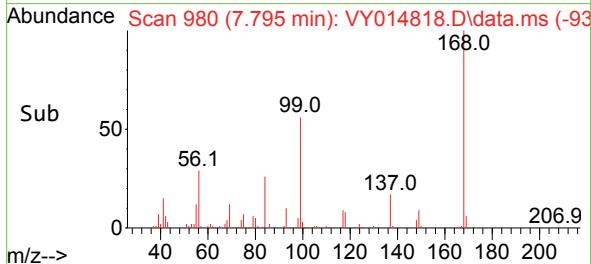
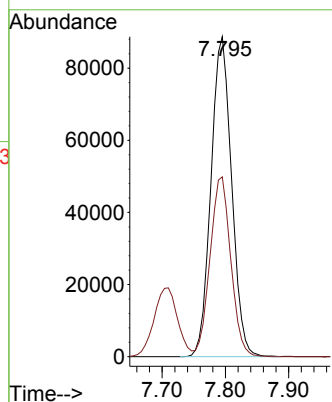
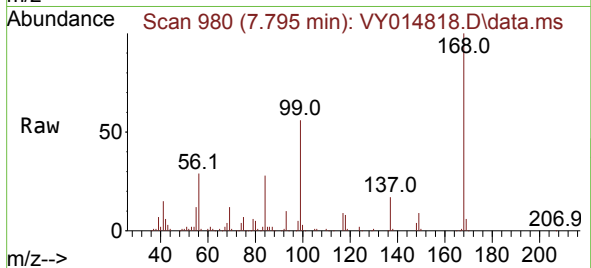




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014818.D
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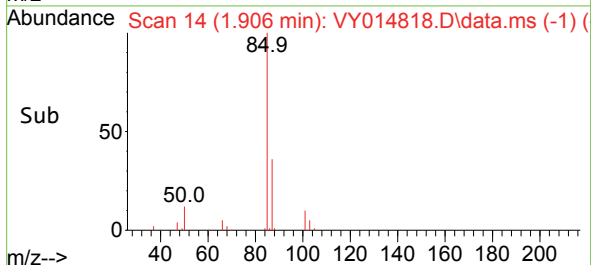
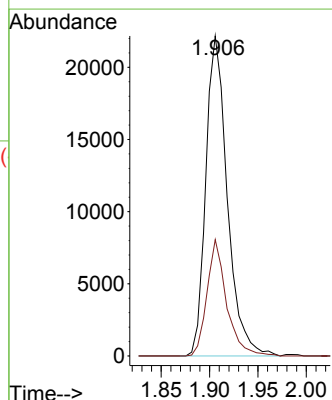
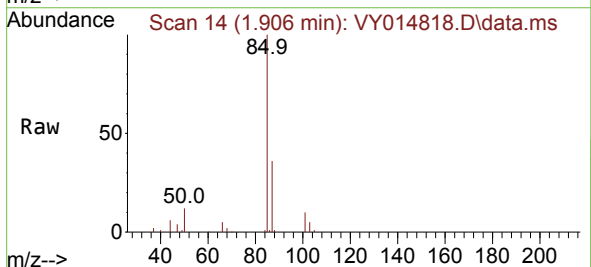
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

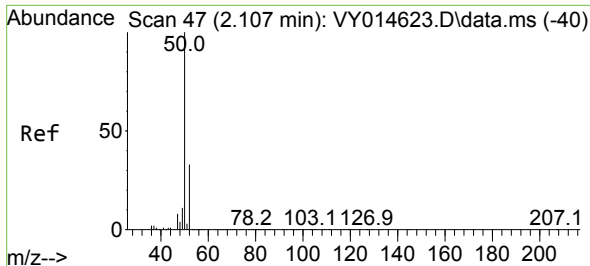
Tgt Ion:168 Resp: 200665
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.972 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 85 Resp: 34286
Ion Ratio Lower Upper
85 100
87 36.3 15.6 46.8

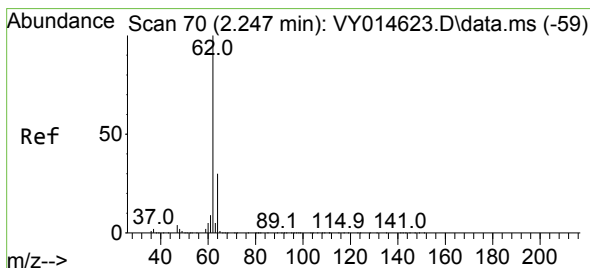
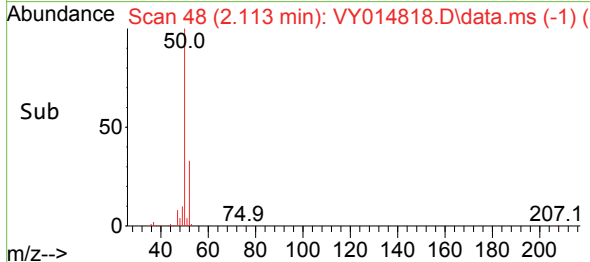
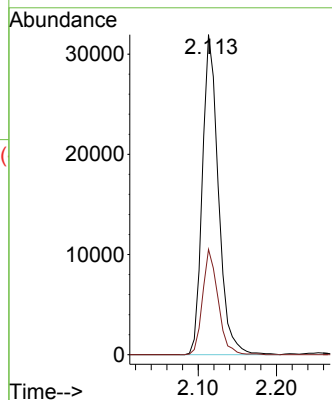
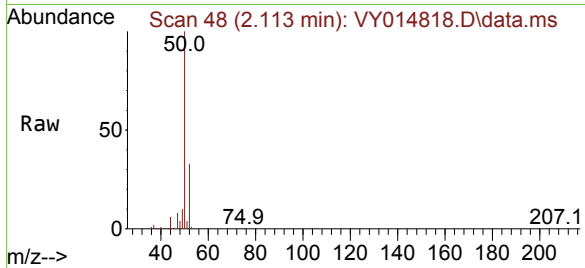




#3
Chloromethane
Concen: 24.737 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

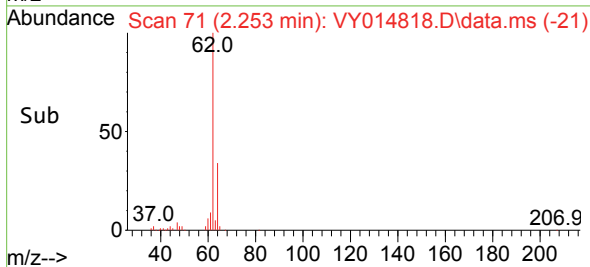
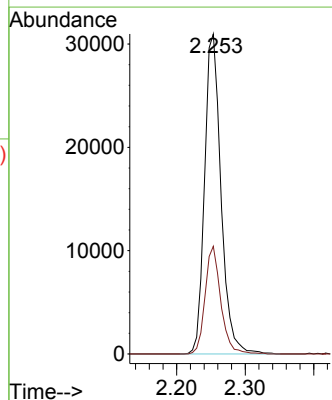
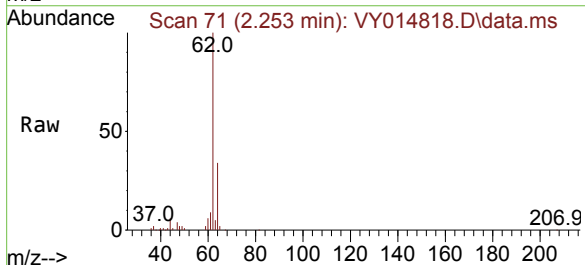
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ClientSampleId :
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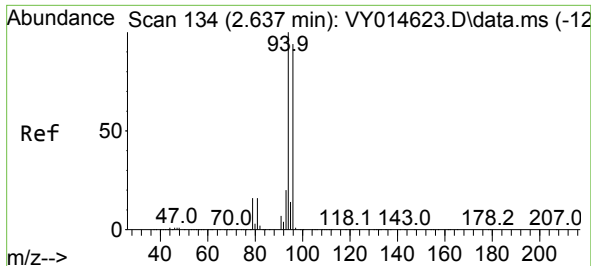
Tgt Ion: 50 Resp: 45460
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 25.179 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 62 Resp: 51713
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5

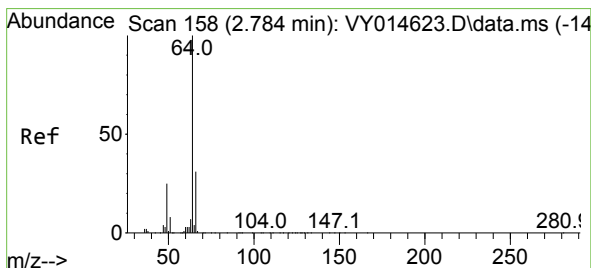
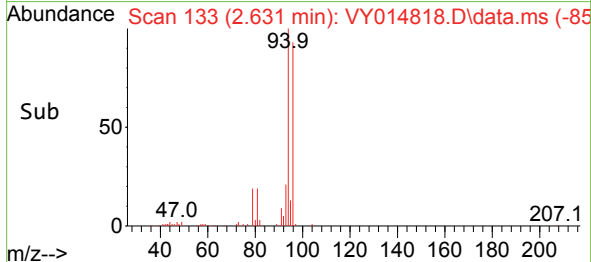
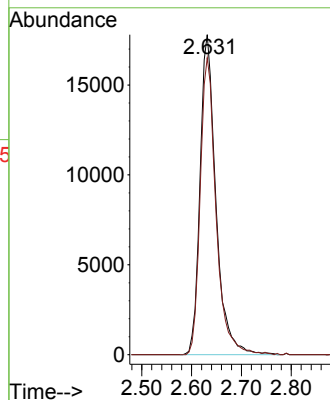
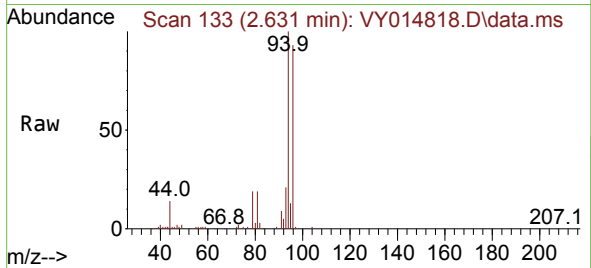




#5
Bromomethane
Concen: 28.962 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014818.D
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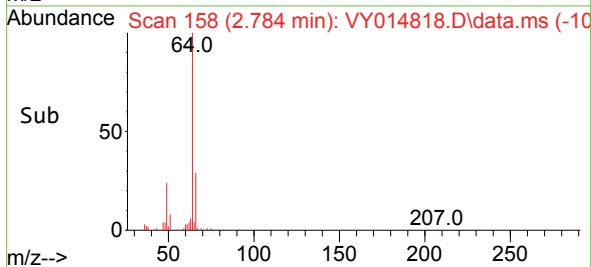
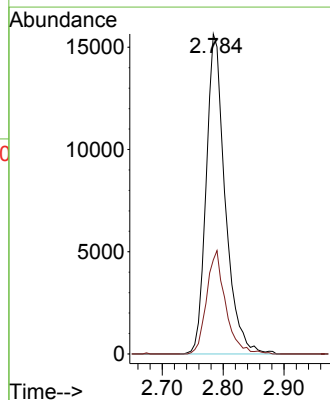
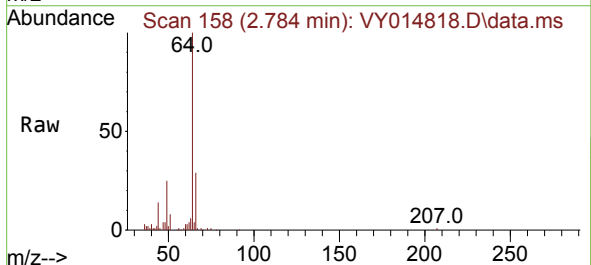
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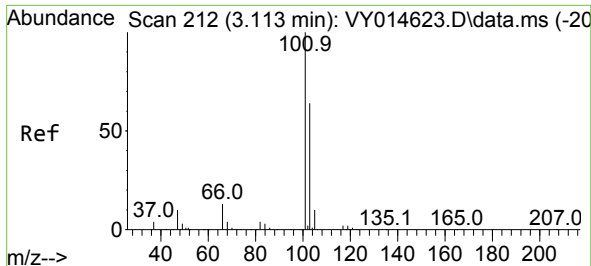
Tgt Ion: 94 Resp: 39310
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 26.384 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 64 Resp: 33848
Ion Ratio Lower Upper
64 100
66 29.4 24.4 36.6

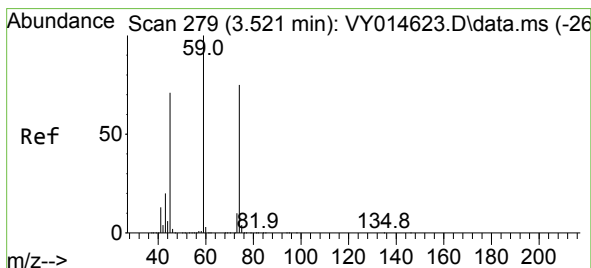
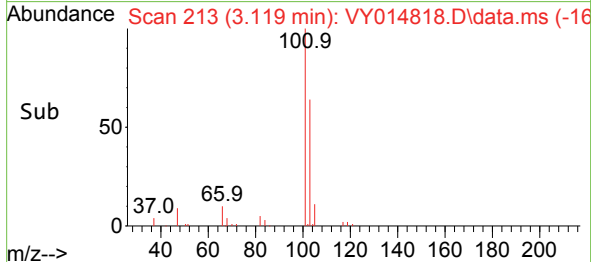
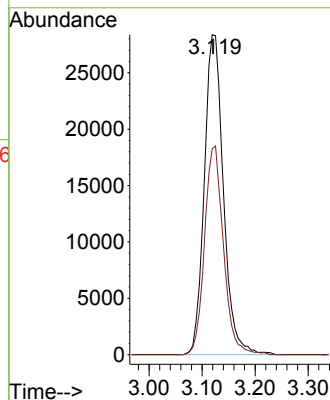
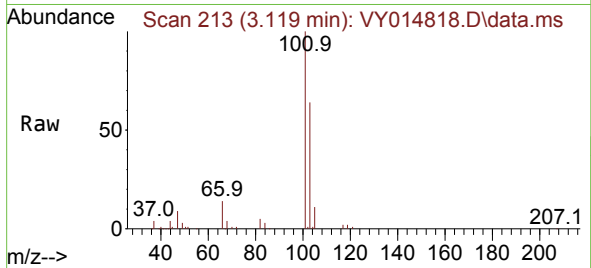




#7
 Trichlorofluoromethane
 Concen: 20.642 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014818.D
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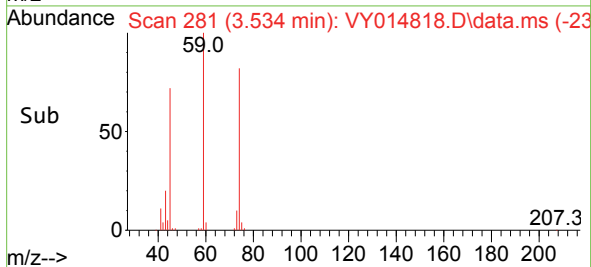
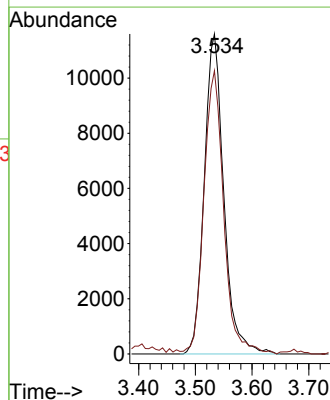
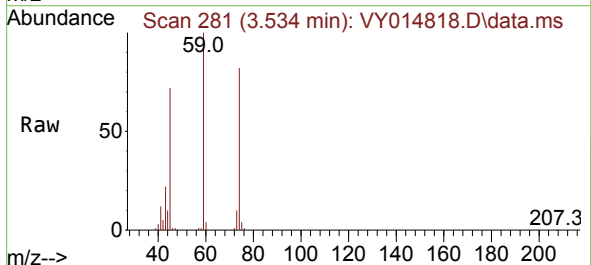
Instrument :
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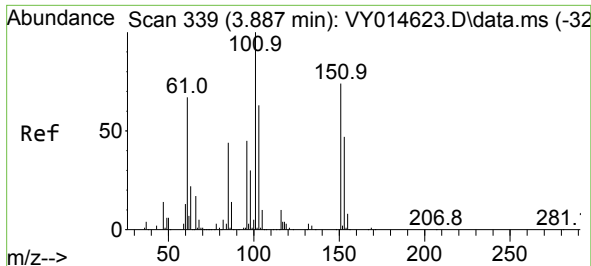
Tgt Ion:101 Resp: 71202
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.562 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.013 min
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Tgt Ion: 74 Resp: 27674
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

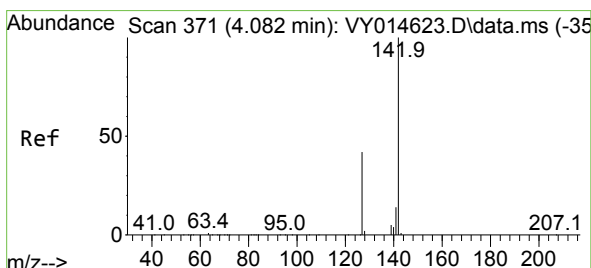
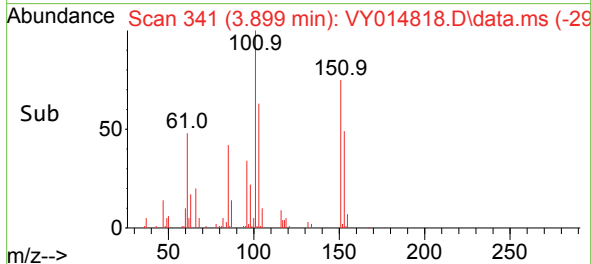
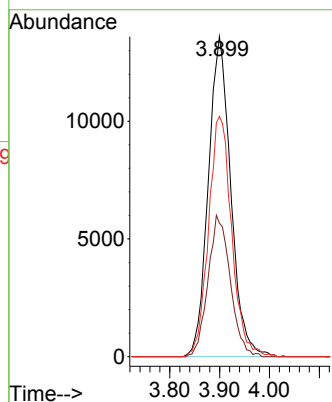
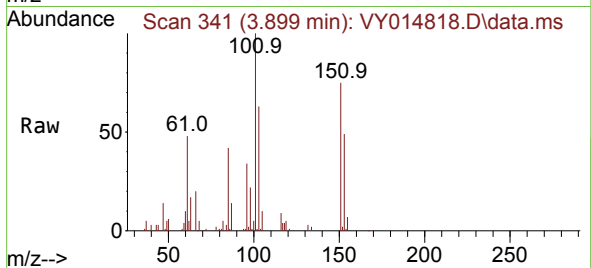




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.116 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

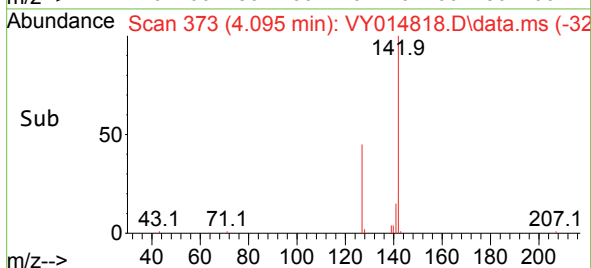
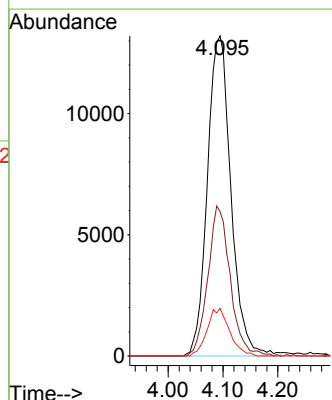
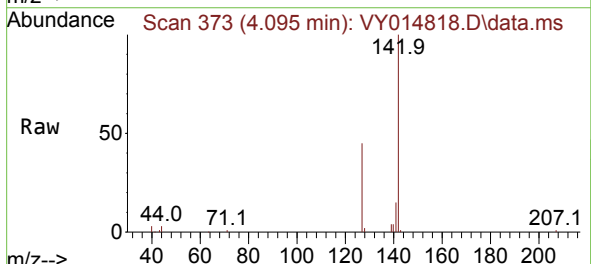
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

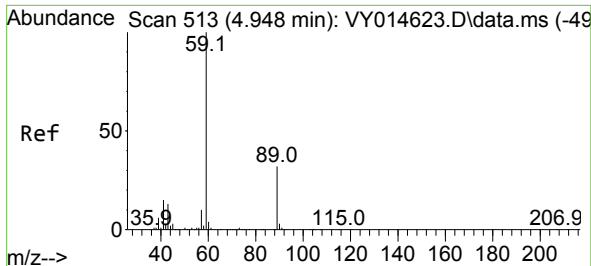
Tgt Ion:101 Resp: 42531
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 19.124 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion:142 Resp: 39419
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.2 11.8 17.8

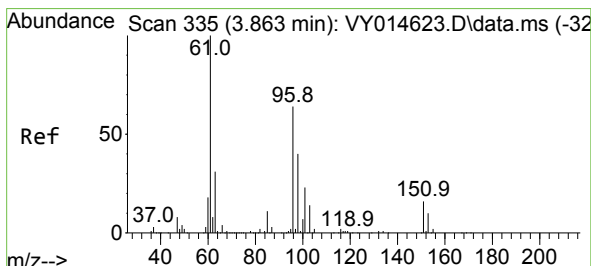
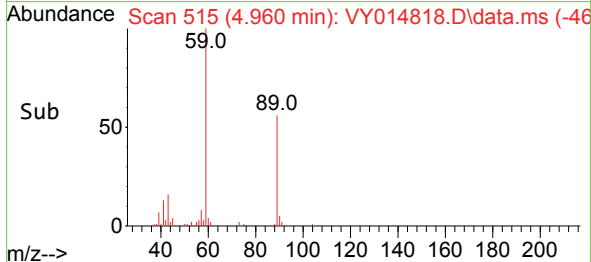
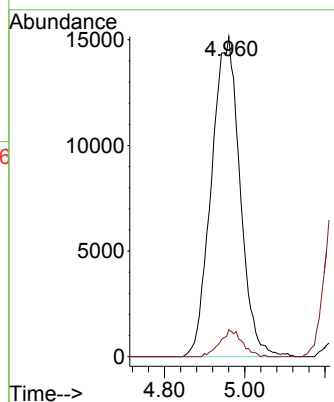
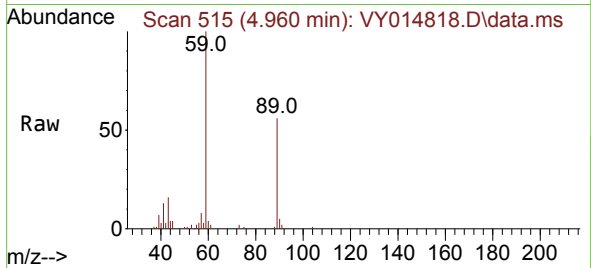




#11
Tert butyl alcohol
Concen: 148.586 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

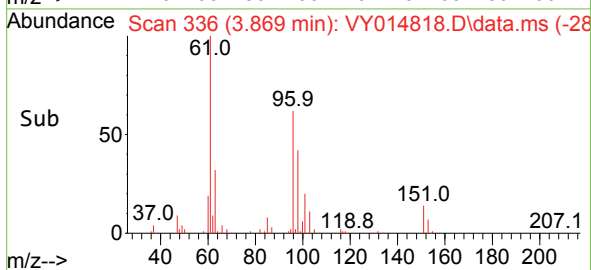
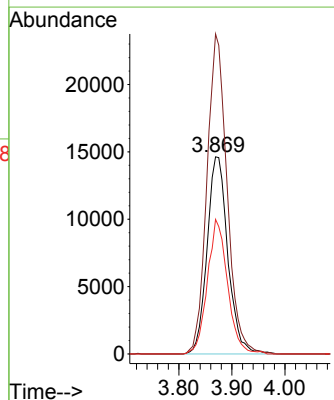
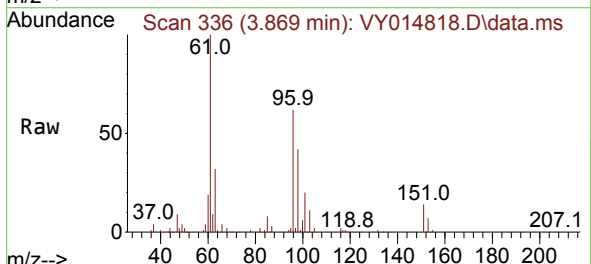
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

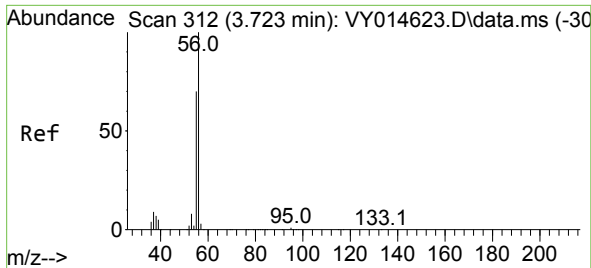
Tgt Ion: 59 Resp: 74556
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.170 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 96 Resp: 39857
Ion Ratio Lower Upper
96 100
61 162.4 136.4 204.6
98 68.3 49.4 74.2





#13

Acrolein

Concen: 88.569 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

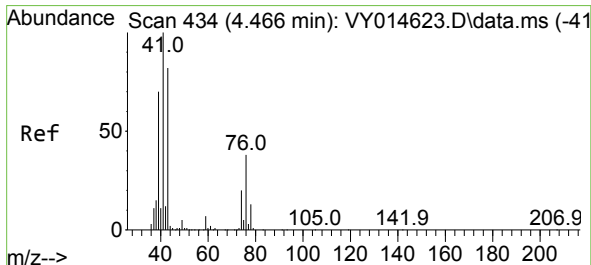
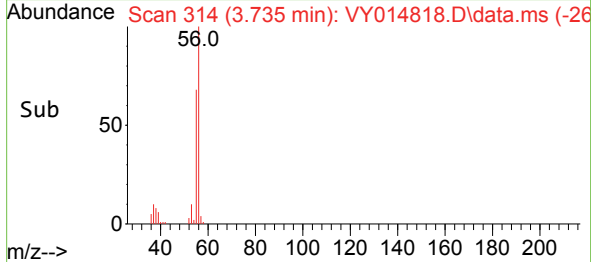
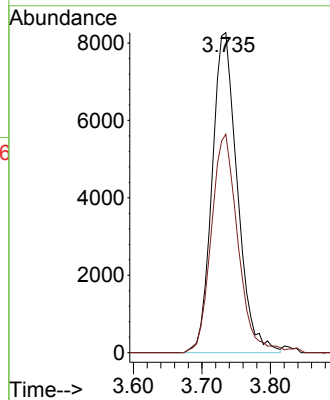
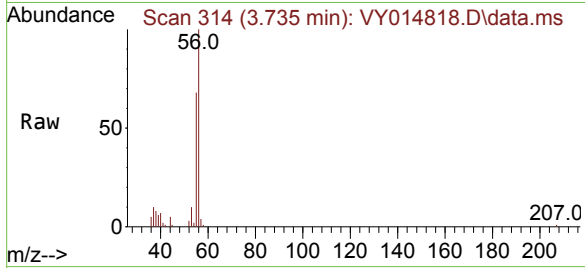
VY0725SBS02

Tgt Ion: 56 Resp: 21168

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 18.810 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.019 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

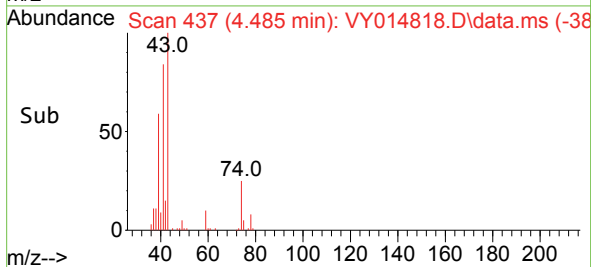
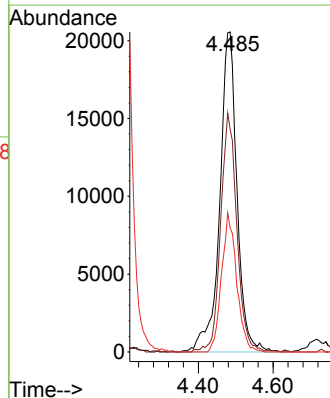
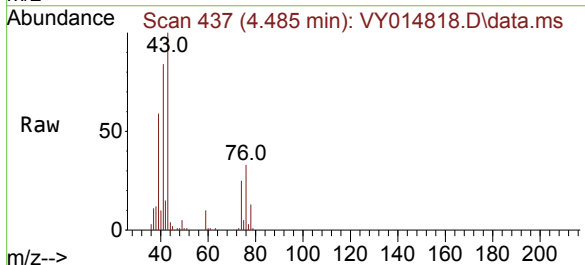
Tgt Ion: 41 Resp: 65997

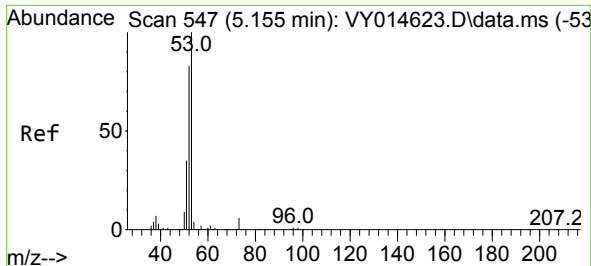
Ion Ratio Lower Upper

41 100

39 69.9 58.0 87.0

76 38.0 27.4 41.2

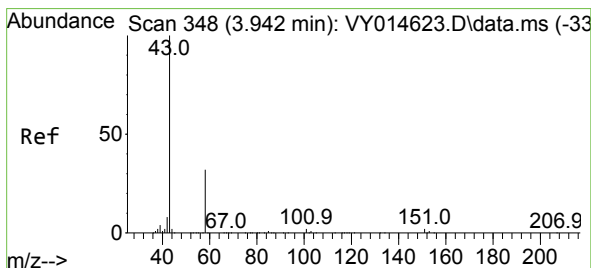
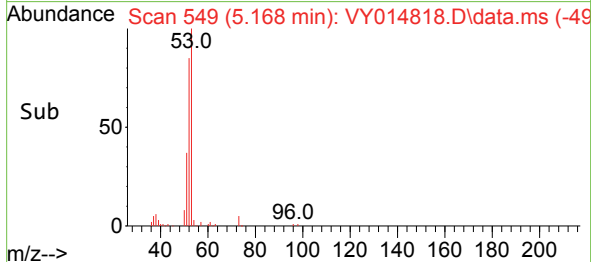
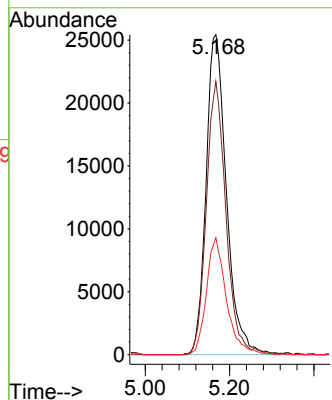
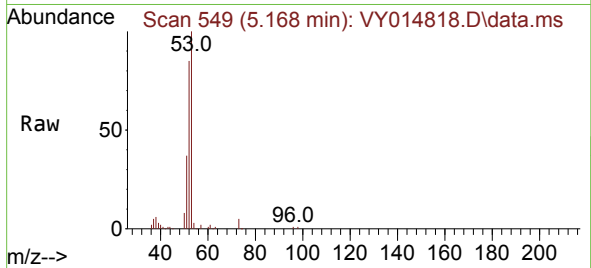




#15
Acrylonitrile
Concen: 120.830 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

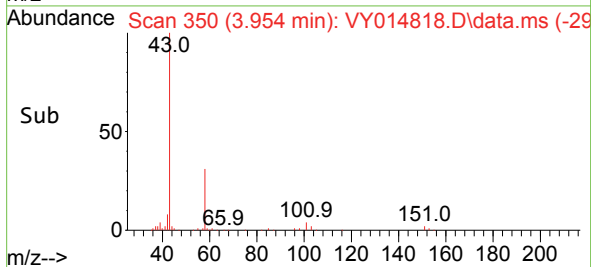
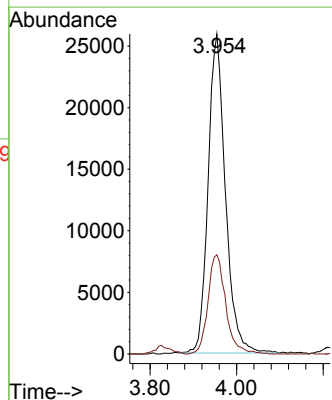
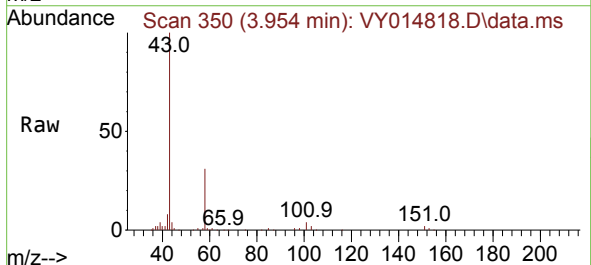
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

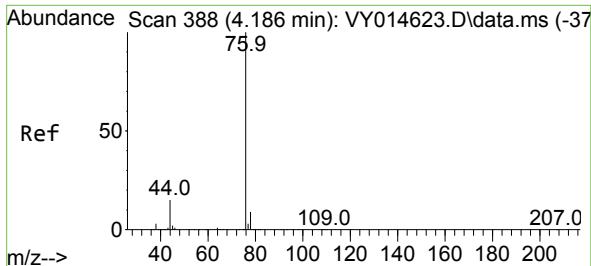
Tgt Ion: 53	Resp: 85515
Ion Ratio	Lower Upper
53 100	
52 81.3	66.9 100.3
51 35.9	29.8 44.6



#16
Acetone
Concen: 99.377 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 43	Resp: 72010
Ion Ratio	Lower Upper
43 100	
58 31.1	22.7 34.1

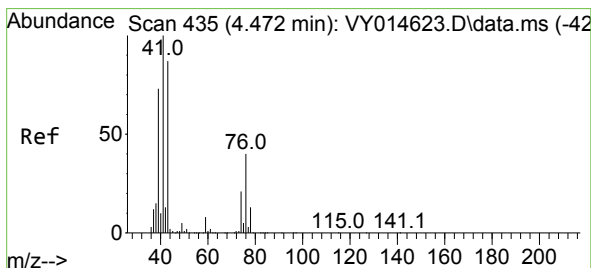
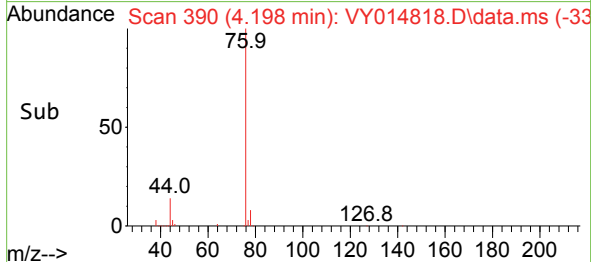
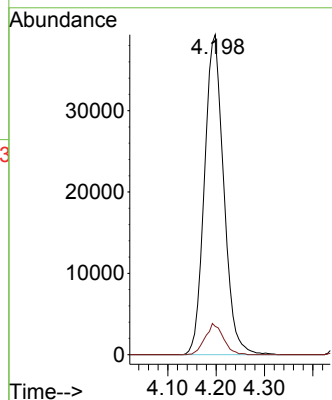
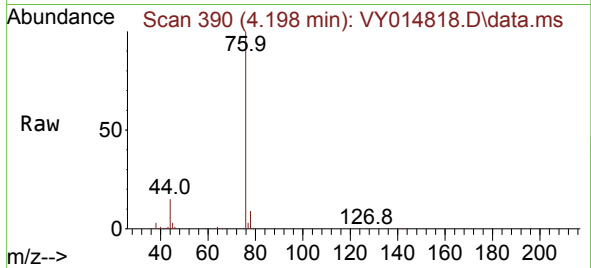




#17
Carbon Disulfide
Concen: 19.238 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

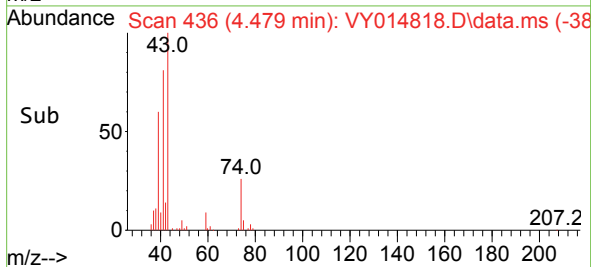
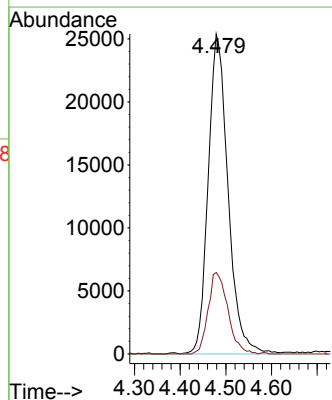
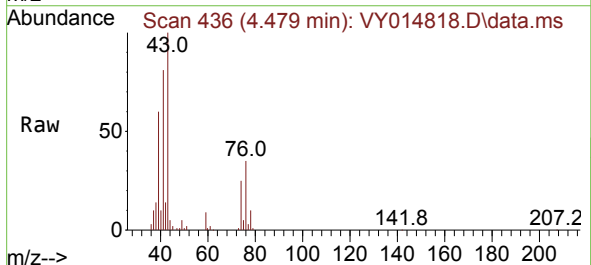
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

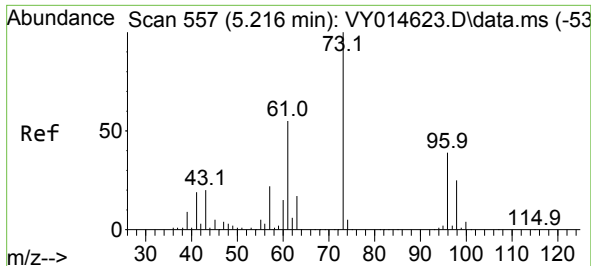
Tgt Ion: 76 Resp: 108838
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 27.572 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 43 Resp: 76671
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.681 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

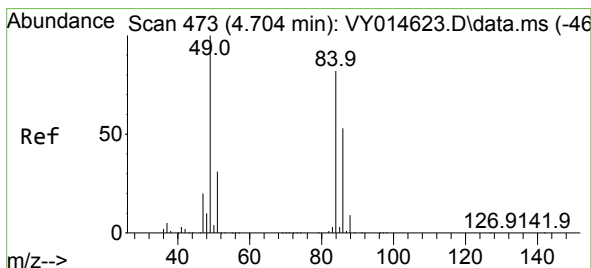
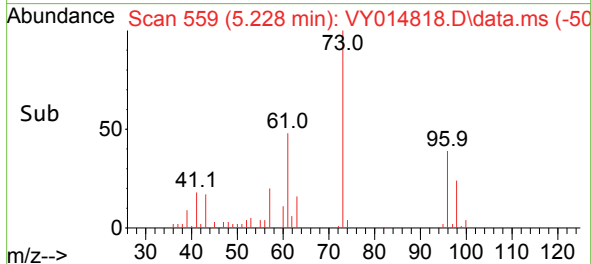
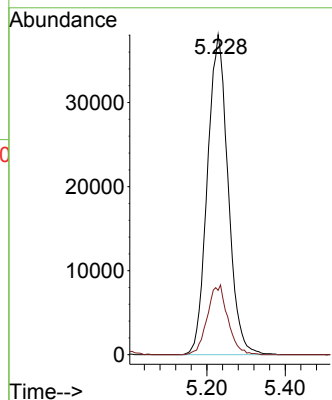
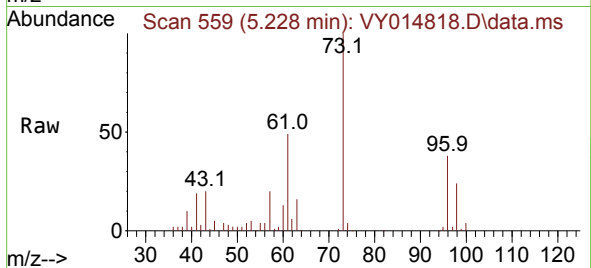
VY0725SBS02

Tgt Ion: 73 Resp: 139167

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 24.475 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Tgt Ion: 84 Resp: 62687

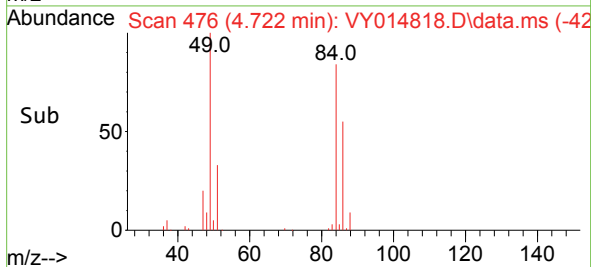
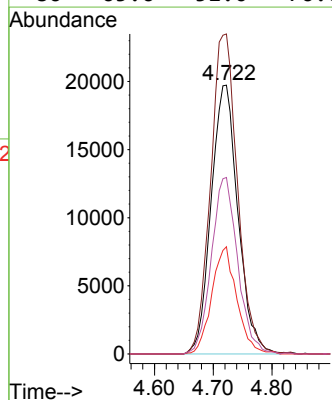
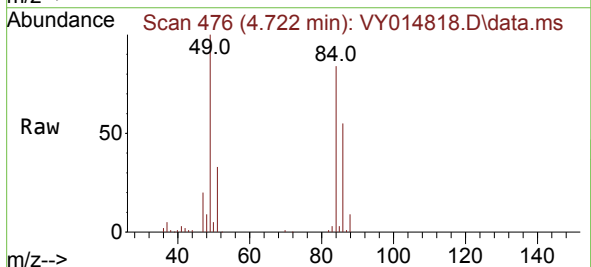
Ion Ratio Lower Upper

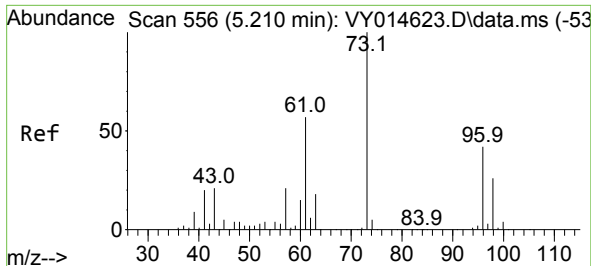
84 100

49 119.0 106.9 160.3

51 39.9 33.2 49.8

86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.614 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

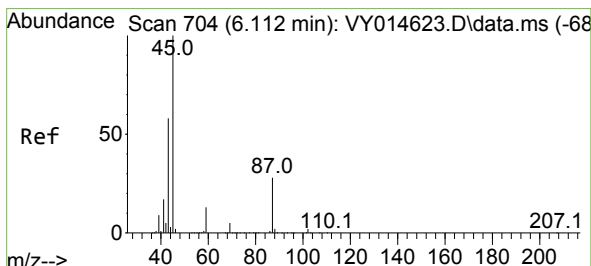
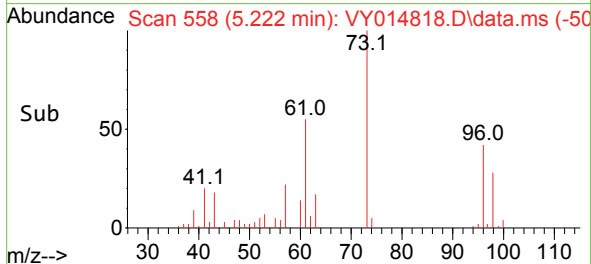
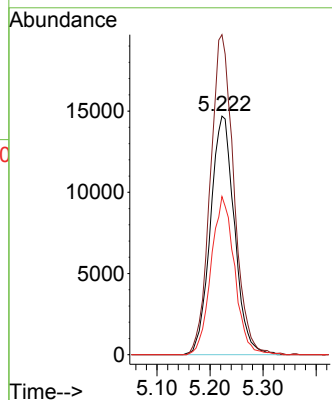
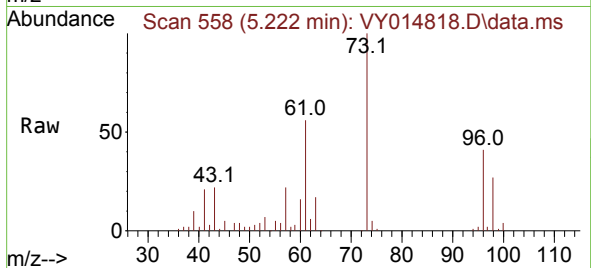
Tgt Ion: 96 Resp: 46226

Ion Ratio Lower Upper

96 100

61 134.2 110.2 165.4

98 66.3 51.8 77.6



#22

Diisopropyl ether

Concen: 20.147 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.013 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Tgt Ion: 45 Resp: 143714

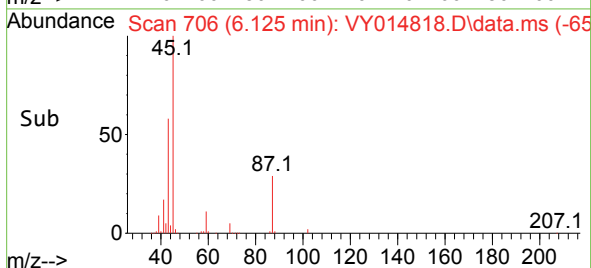
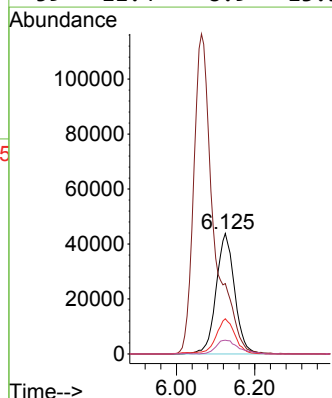
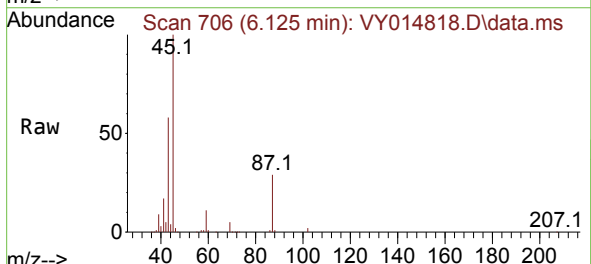
Ion Ratio Lower Upper

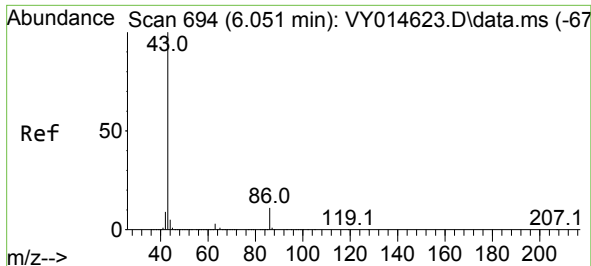
45 100

43 58.0 52.2 78.4

87 29.2 21.0 31.6

59 11.4 8.9 13.3

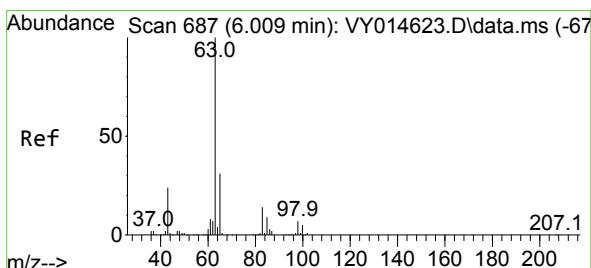
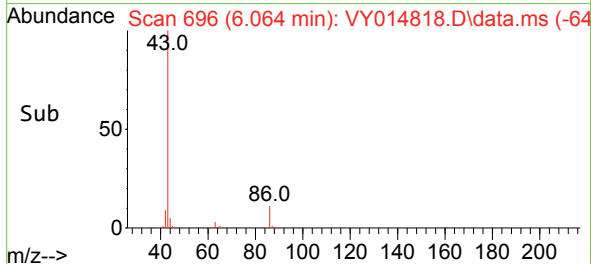
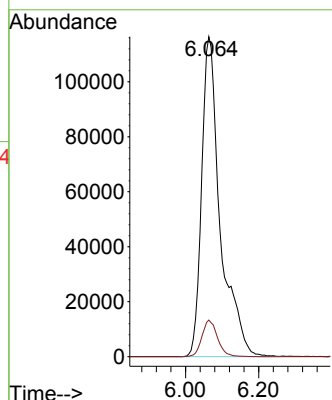
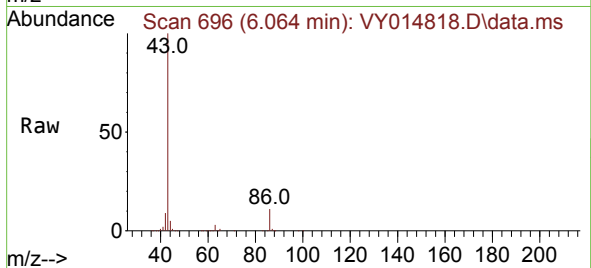




#23
 Vinyl Acetate
 Concen: 96.443 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

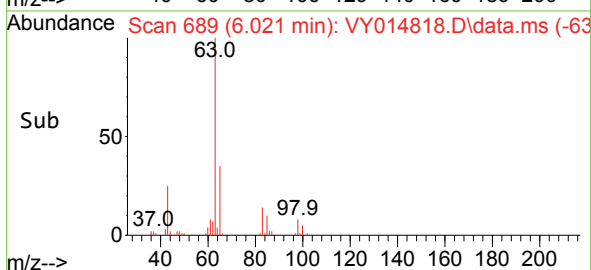
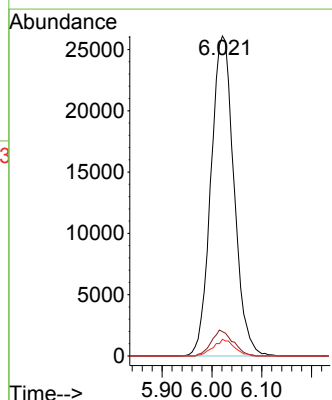
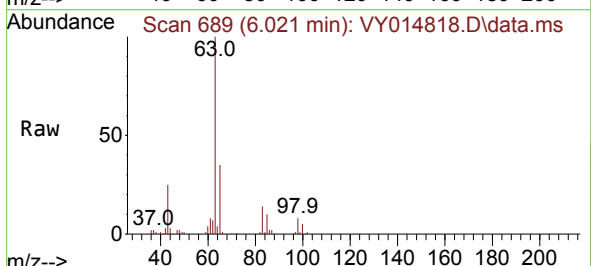
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

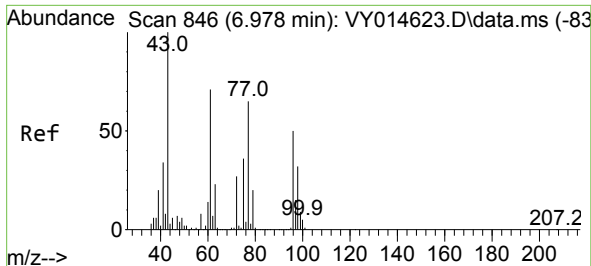
Tgt Ion: 43 Resp: 411691
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.501 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

Tgt Ion: 63 Resp: 83676
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.2 1.8 5.5

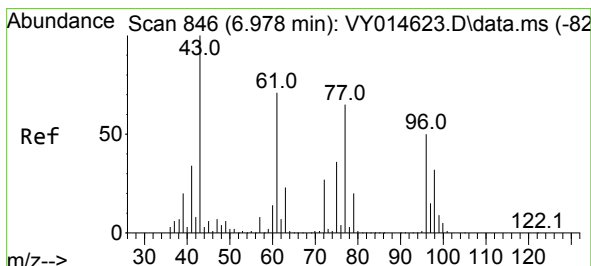
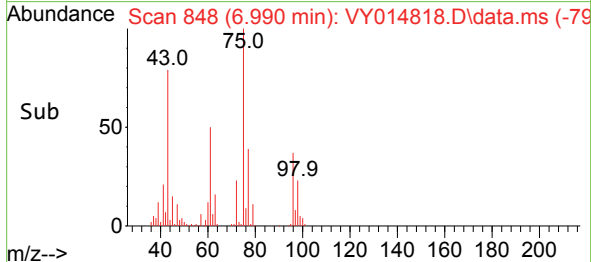
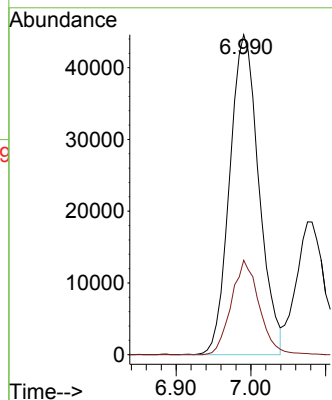
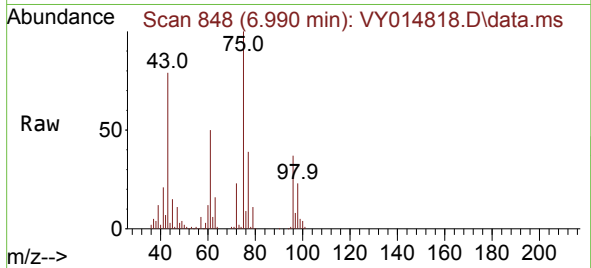




#25
2-Butanone
Concen: 114.682 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

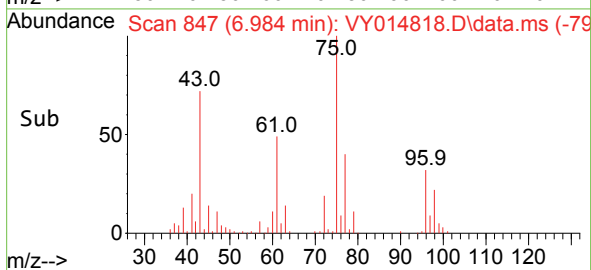
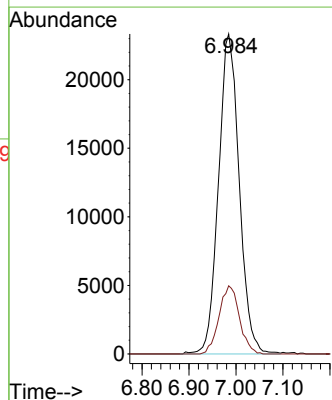
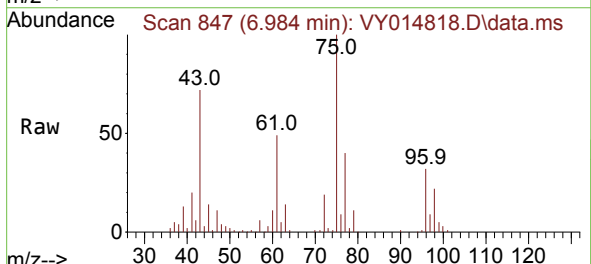
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

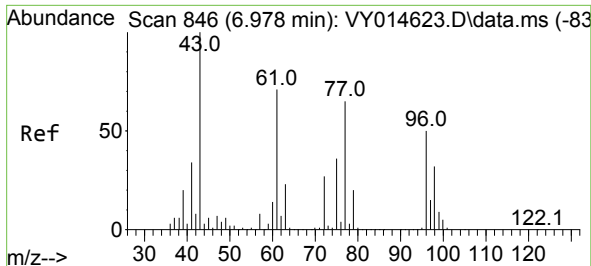
Tgt Ion: 43 Resp: 121575
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.403 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 77 Resp: 71588
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.982 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

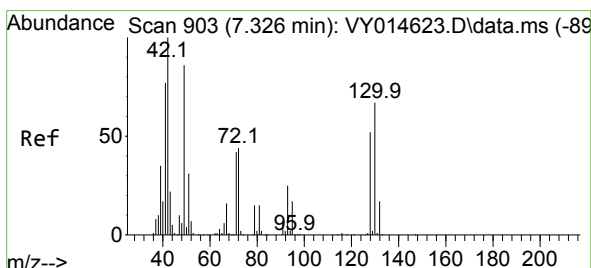
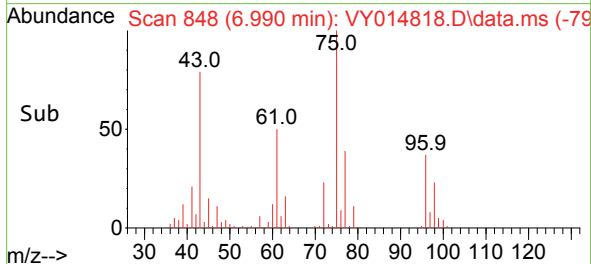
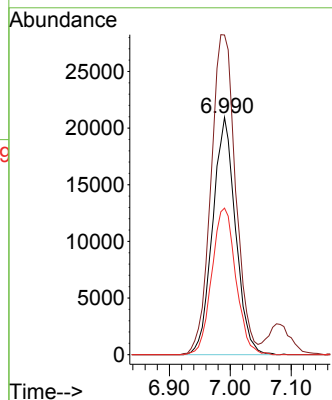
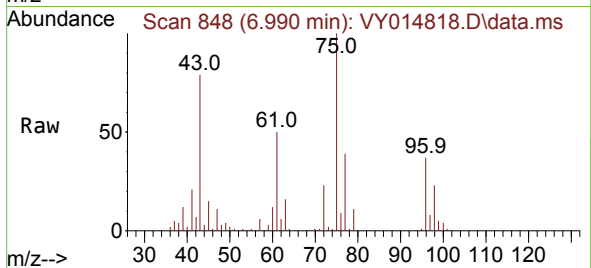
Tgt Ion: 96 Resp: 54769

Ion Ratio Lower Upper

96 100

61 145.3 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 23.157 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

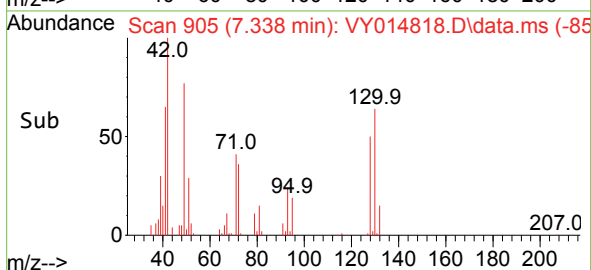
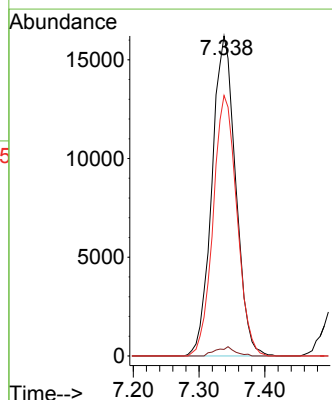
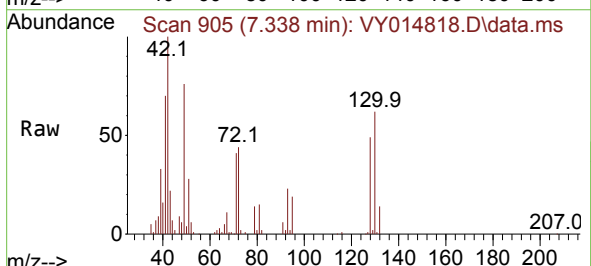
Tgt Ion: 49 Resp: 40706

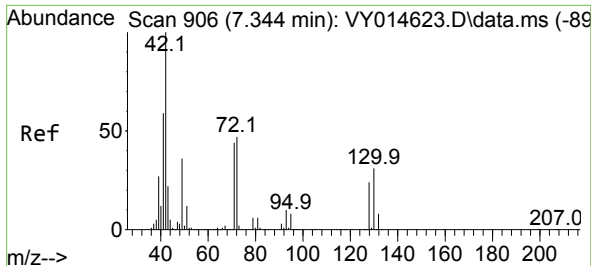
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 122.634 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

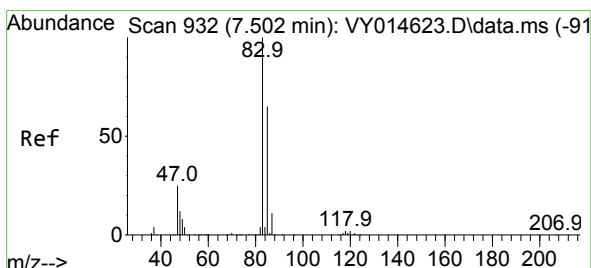
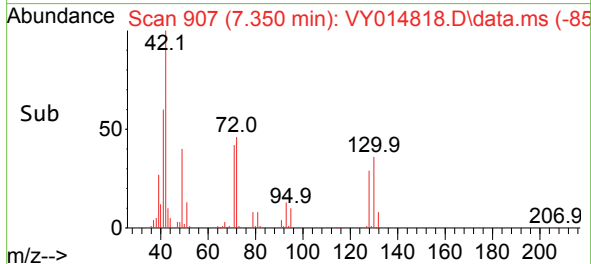
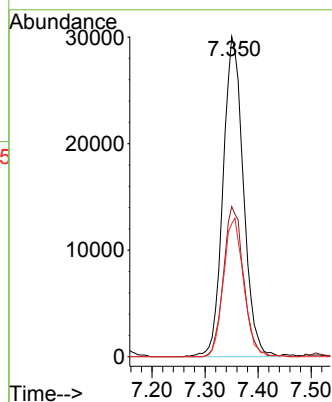
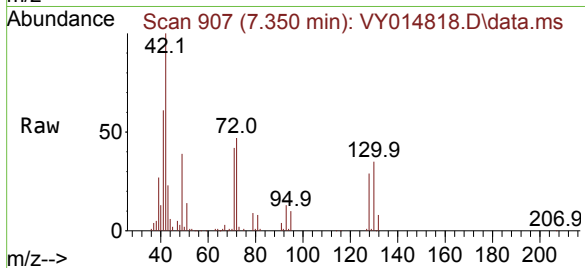
Tgt Ion: 42 Resp: 80051

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 21.020 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY014818.D

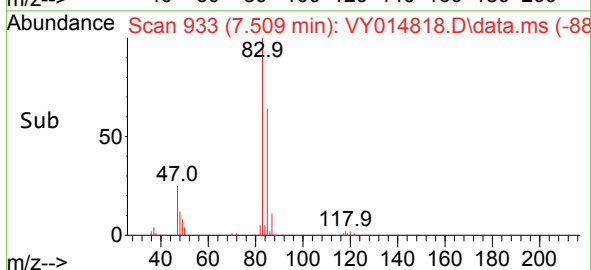
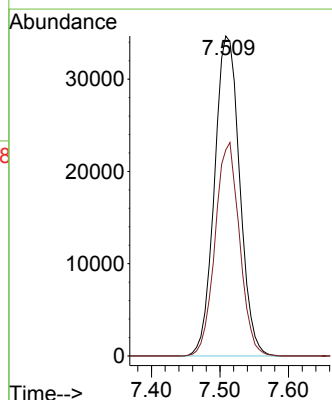
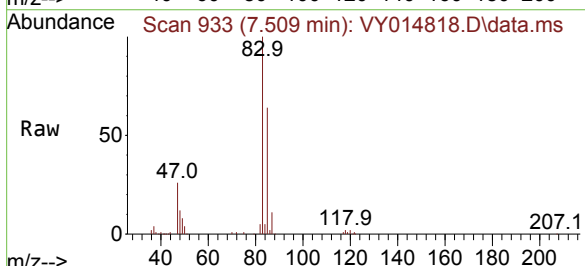
Acq: 25 Jul 2023 22:27

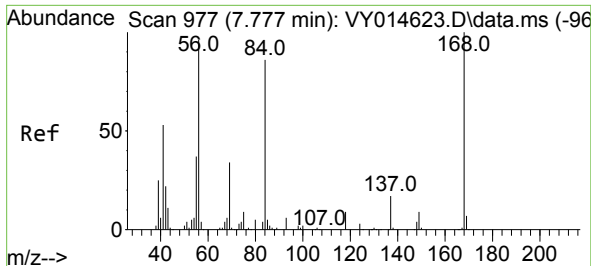
Tgt Ion: 83 Resp: 88469

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

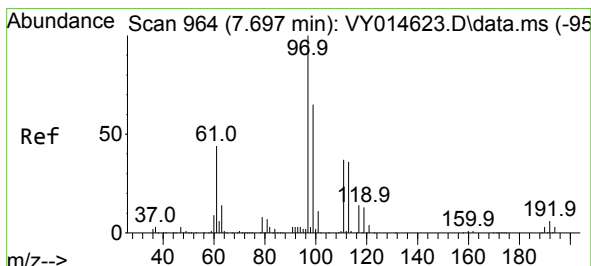
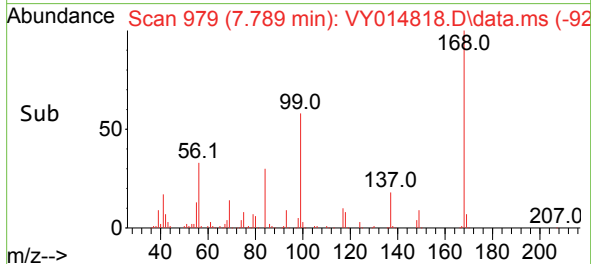
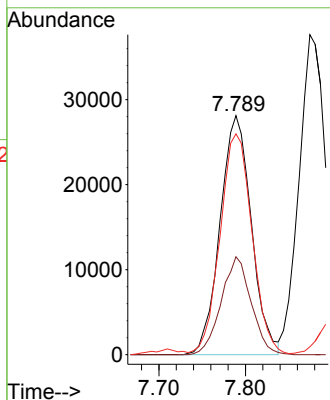
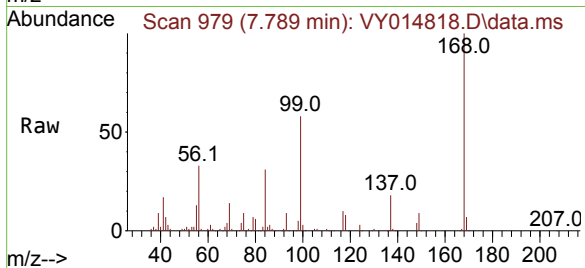




#31
Cyclohexane
Concen: 18.599 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

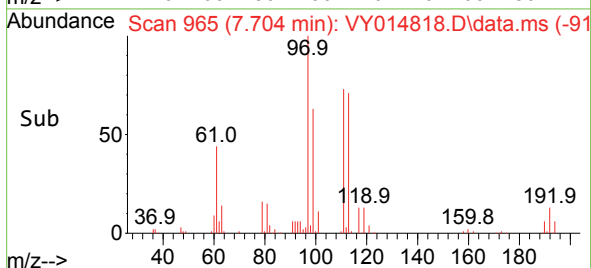
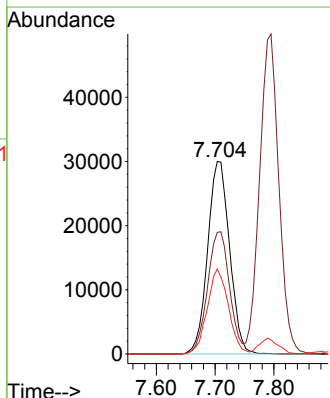
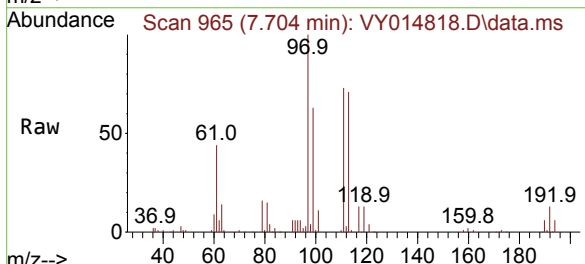
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

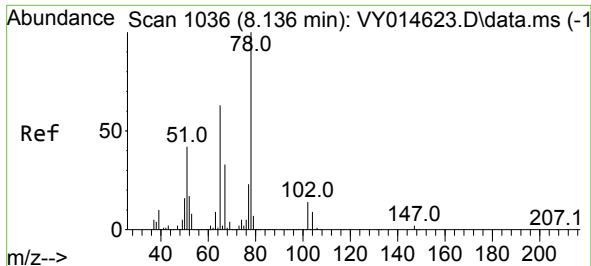
Tgt Ion: 56 Resp: 70598
Ion Ratio Lower Upper
56 100
69 40.9 27.8 41.6
84 91.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.542 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 97 Resp: 77814
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.7 35.1 52.7

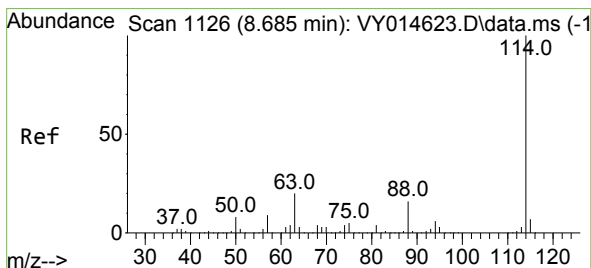
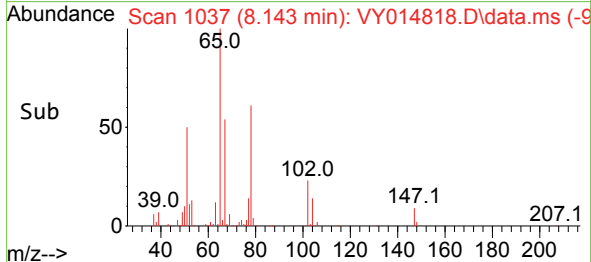
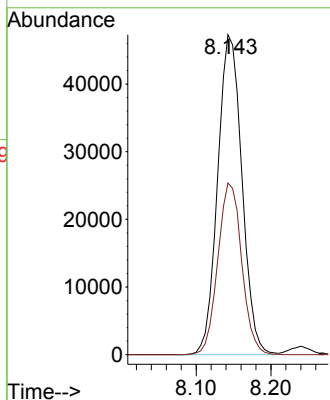
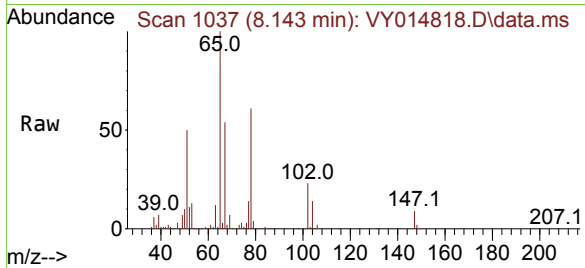




#33
 1,2-Dichloroethane-d4
 Concen: 46.752 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

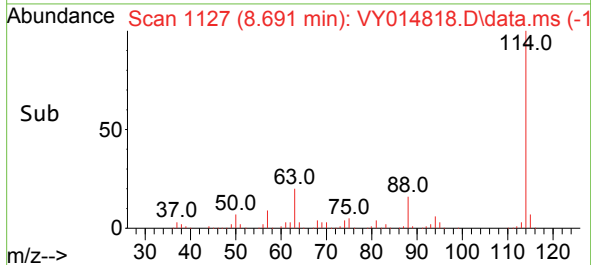
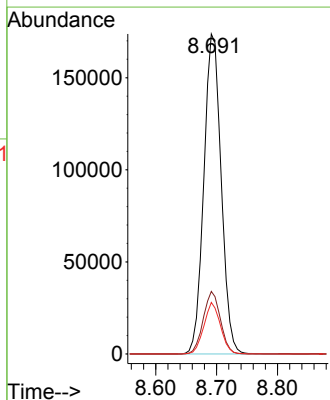
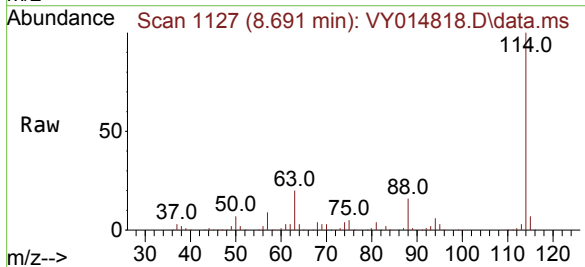
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

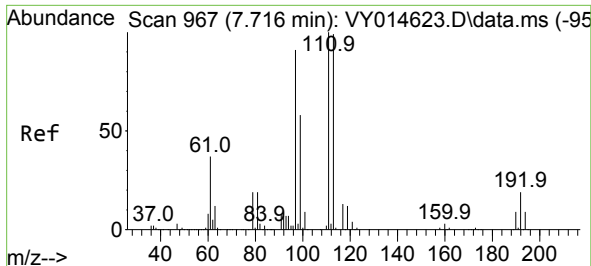
Tgt Ion: 65 Resp: 106905
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

Tgt Ion: 114 Resp: 344090
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 16.1 0.0 30.6

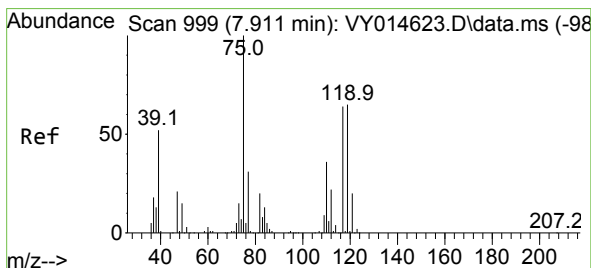
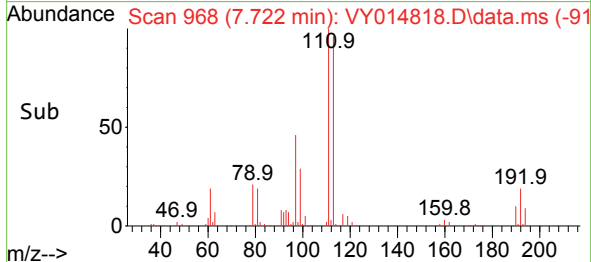
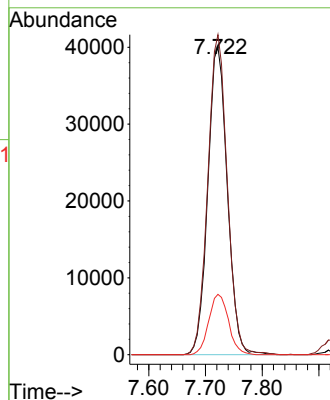
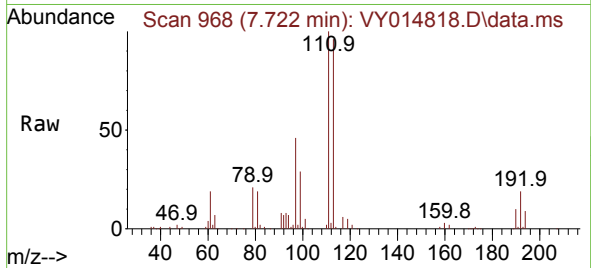




#35
Dibromofluoromethane
Concen: 43.687 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

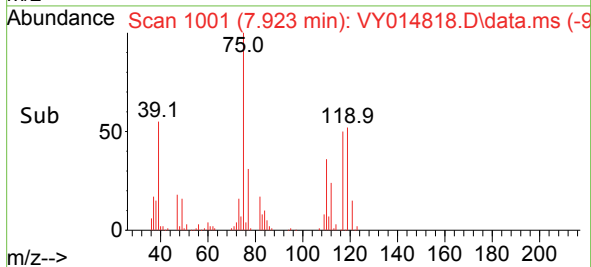
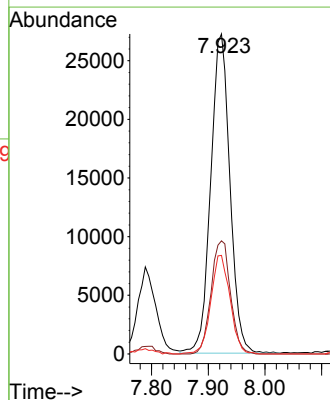
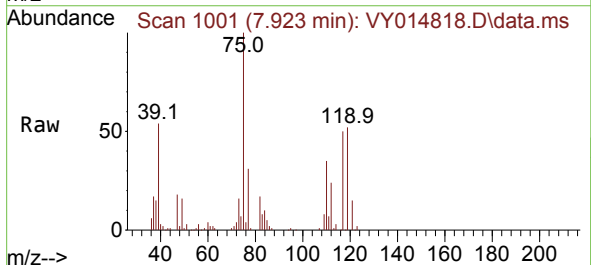
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

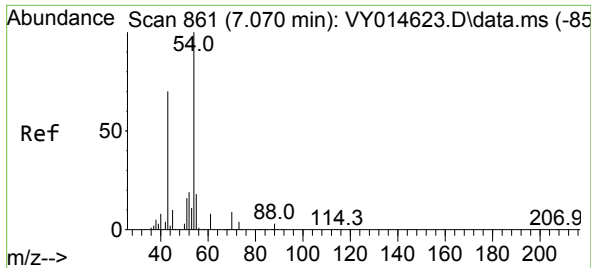
Tgt Ion:113 Resp: 95692
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.587 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 75 Resp: 64161
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.9 24.4 36.6

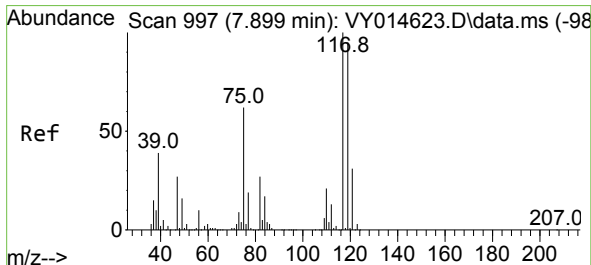
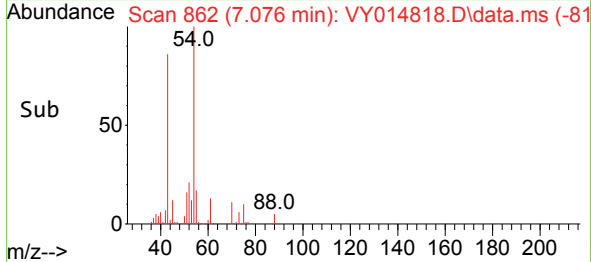
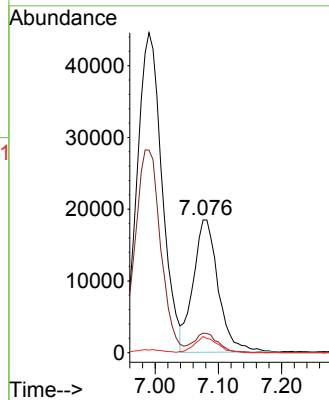
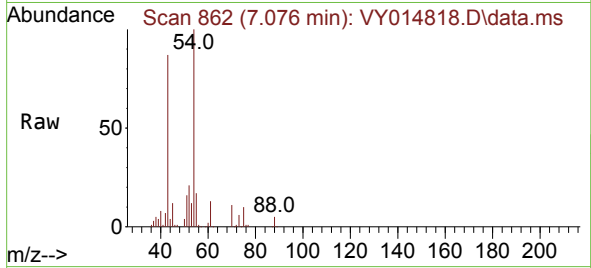




#37
Ethyl Acetate
Concen: 22.554 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

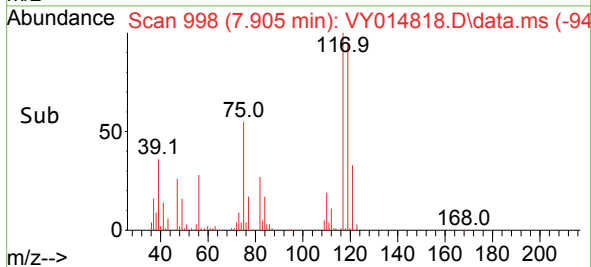
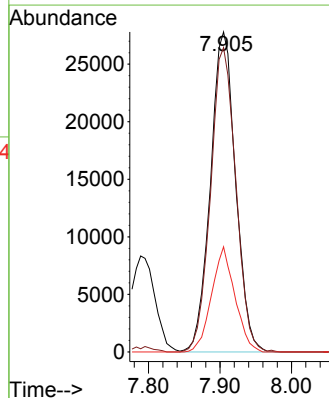
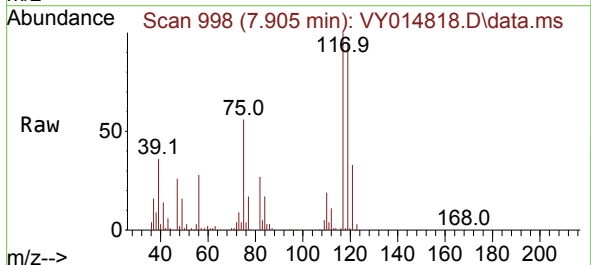
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

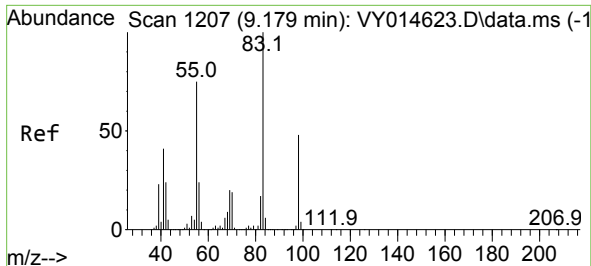
Tgt Ion: 43 Resp: 50865
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.586 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 117 Resp: 67819
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 32.9 25.8 38.6





#39

Methylcyclohexane

Concen: 17.950 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

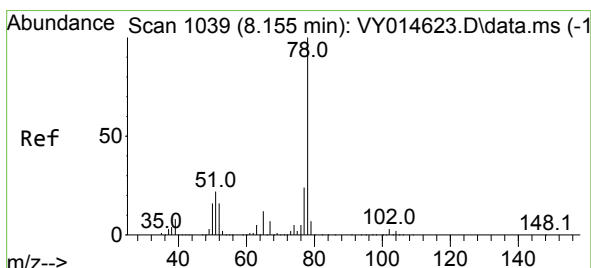
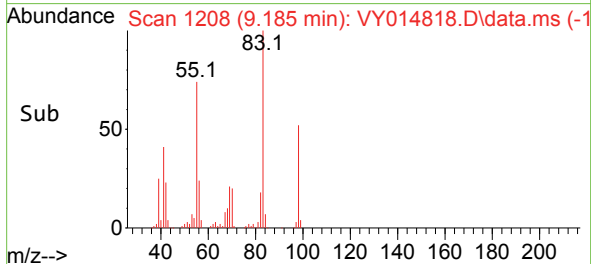
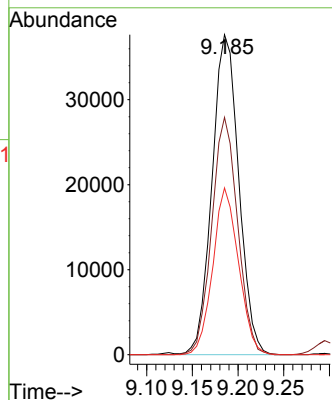
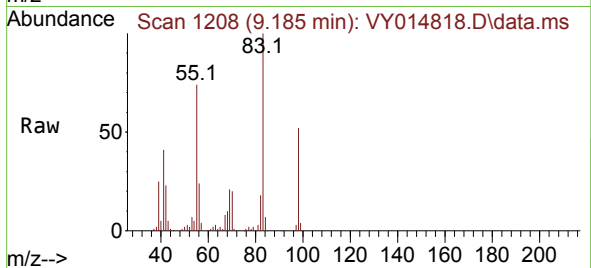
Tgt Ion: 83 Resp: 76605

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 52.1 37.4 56.2



#40

Benzene

Concen: 19.948 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014818.D

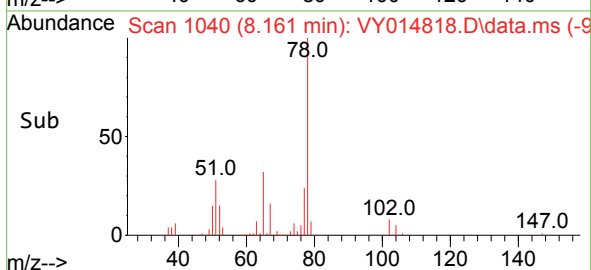
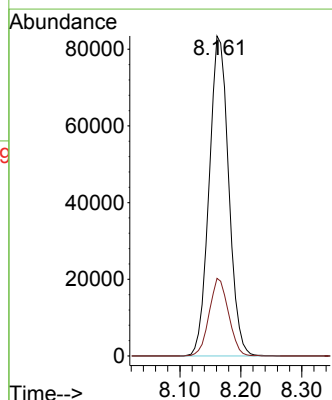
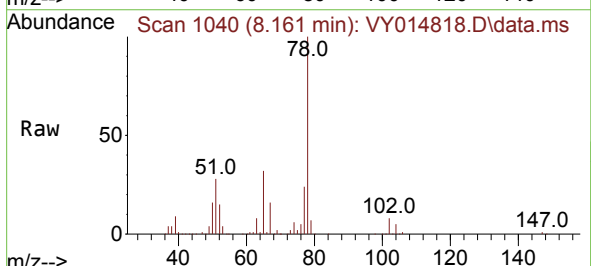
Acq: 25 Jul 2023 22:27

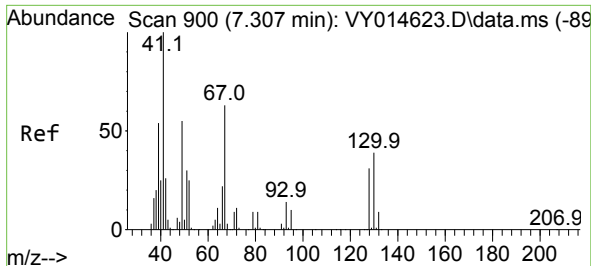
Tgt Ion: 78 Resp: 185835

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

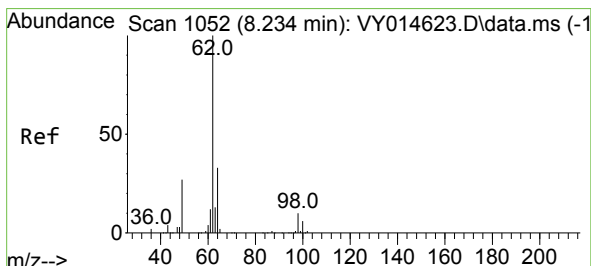
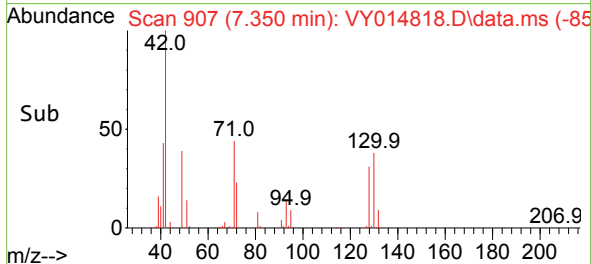
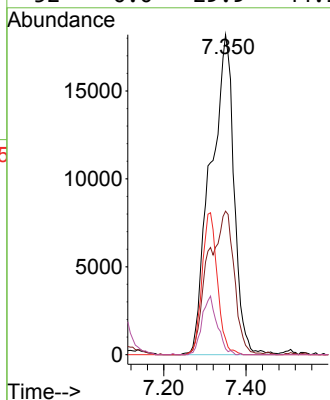
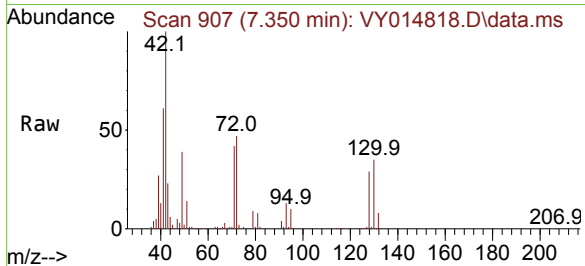




#41
Methacrylonitrile
Concen: 62.083 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

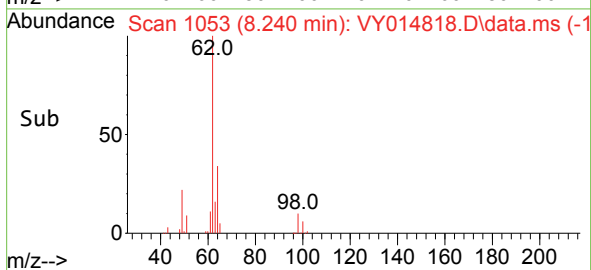
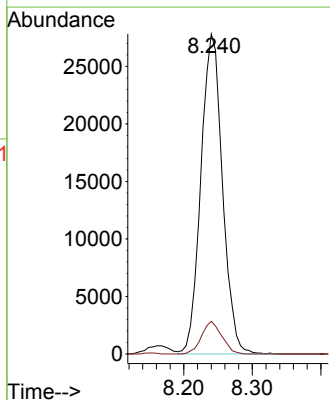
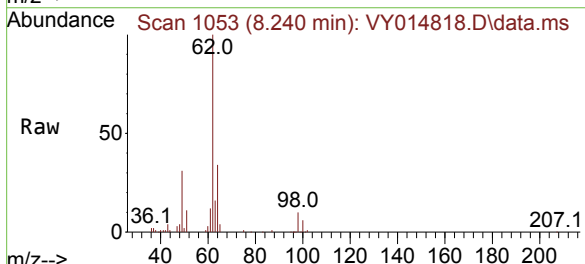
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

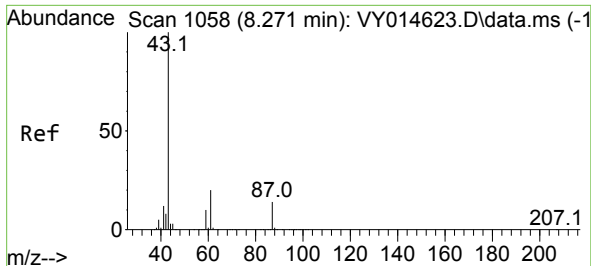
Tgt Ion: 41 Resp: 72018
Ion Ratio Lower Upper
41 100
39 26.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.661 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 62 Resp: 60954
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

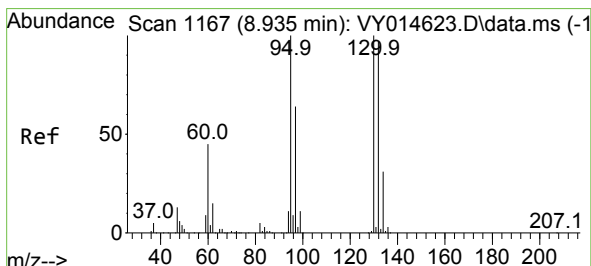
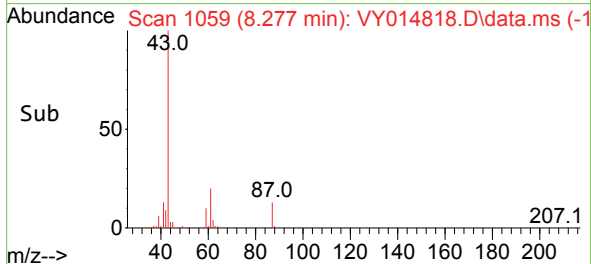
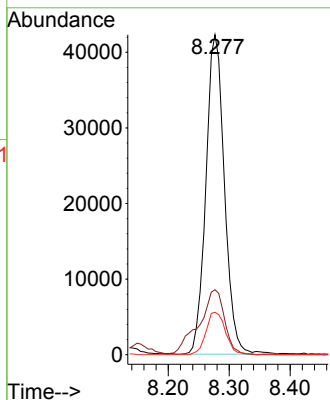
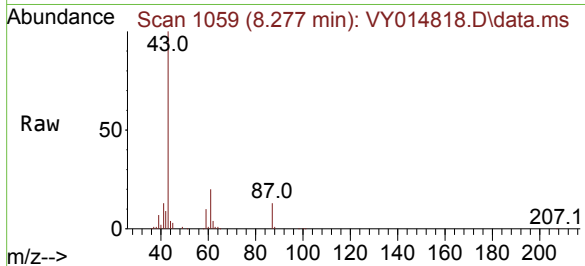




#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

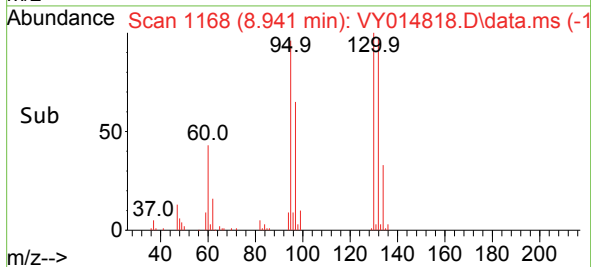
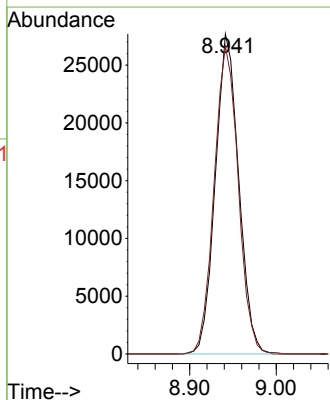
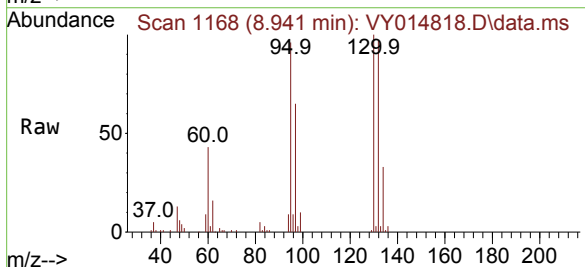
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

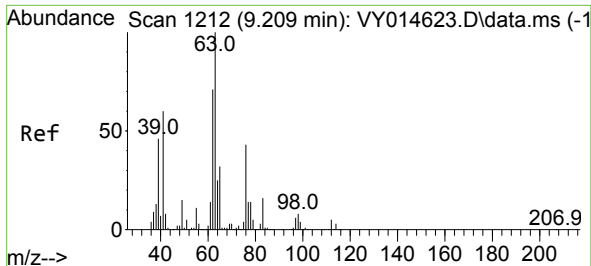
Tgt Ion: 43 Resp: 89420
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 19.935 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion:130 Resp: 51963
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.983 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

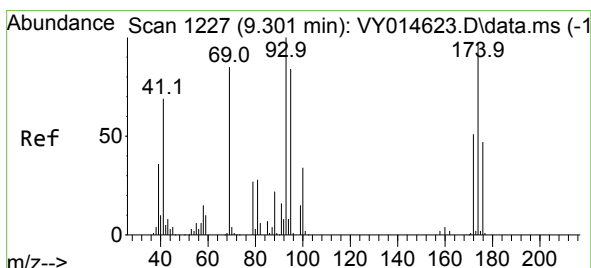
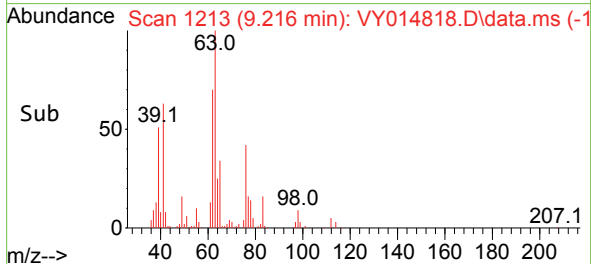
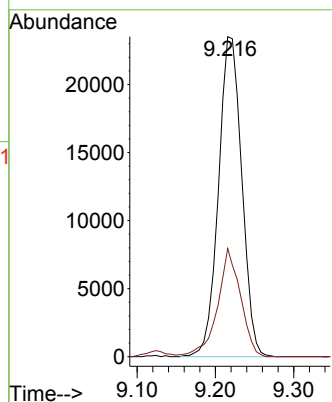
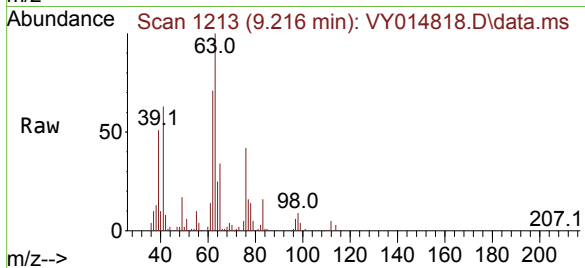
VY0725SBS02

Tgt Ion: 63 Resp: 48611

Ion Ratio Lower Upper

63 100

65 33.8 23.8 35.6



#46

Dibromomethane

Concen: 21.357 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

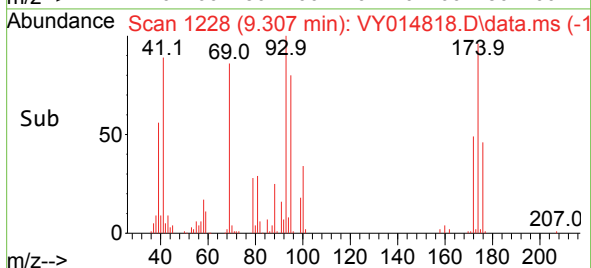
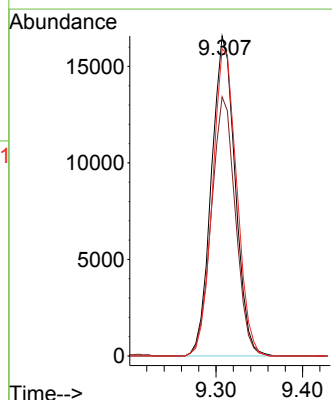
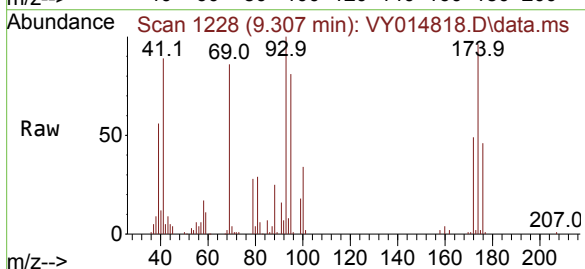
Tgt Ion: 93 Resp: 31518

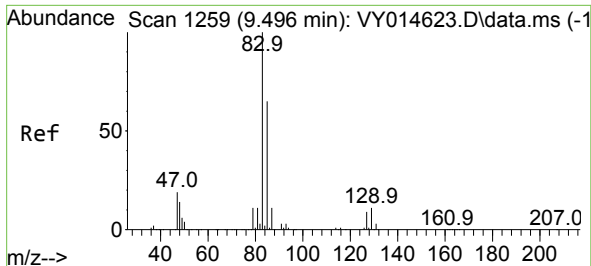
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 98.1 84.8 127.2

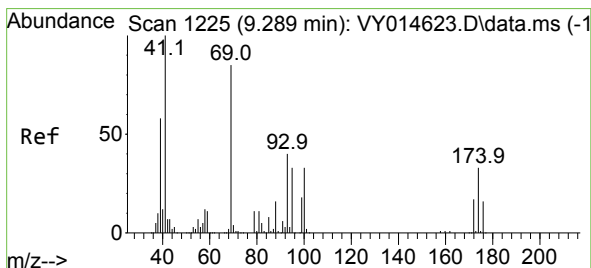
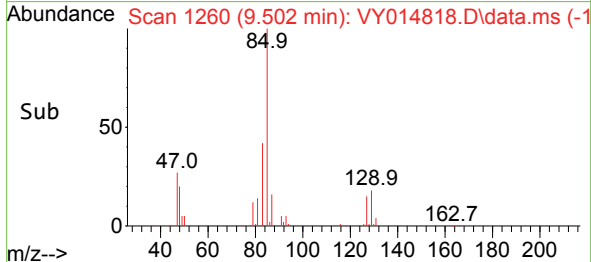
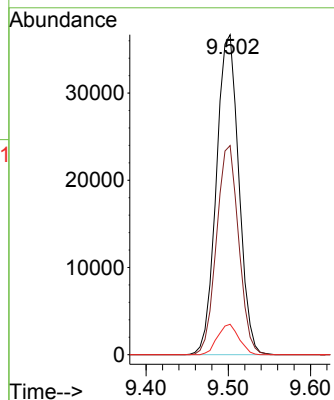
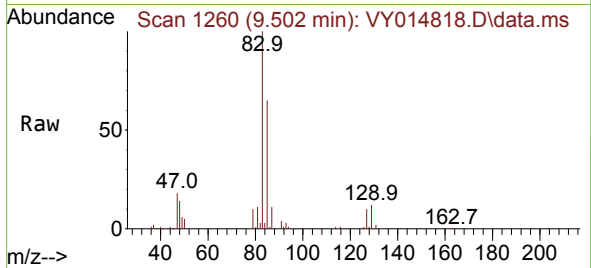




#47
Bromodichloromethane
Concen: 20.039 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

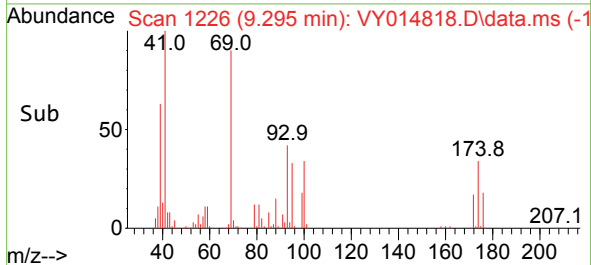
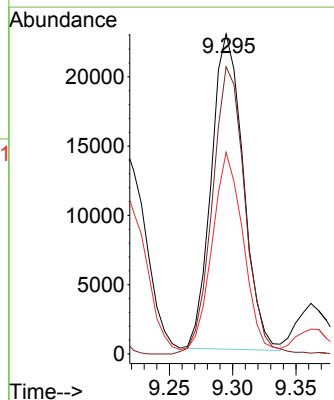
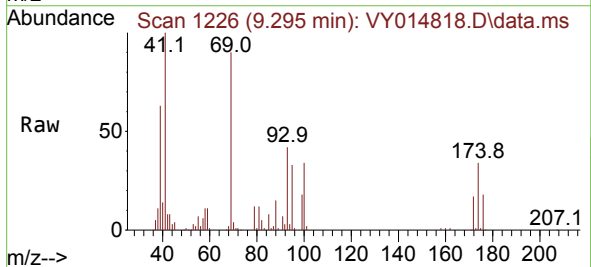
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

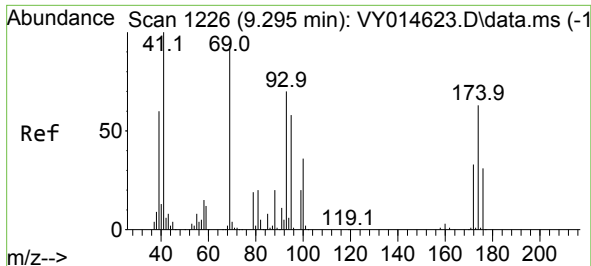
Tgt Ion: 83 Resp: 69701
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 20.706 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 41 Resp: 40028
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 475.527 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

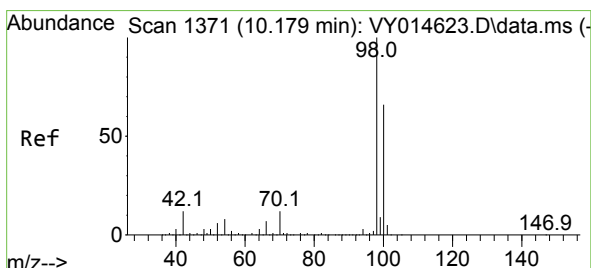
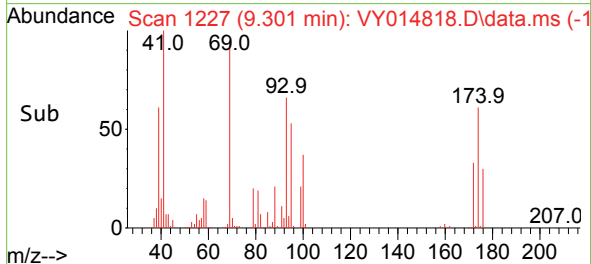
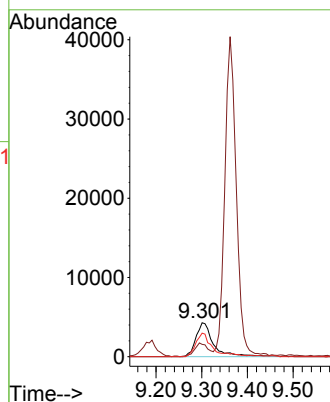
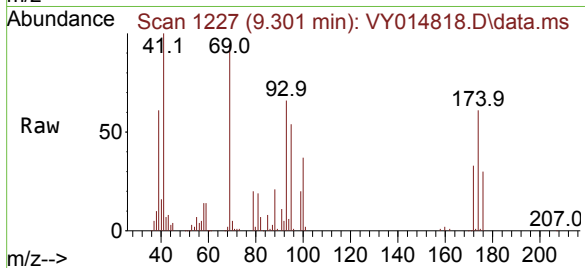
Tgt Ion: 88 Resp: 11443

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 67.7 30.9 46.3#



#50

Toluene-d8

Concen: 42.837 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014818.D

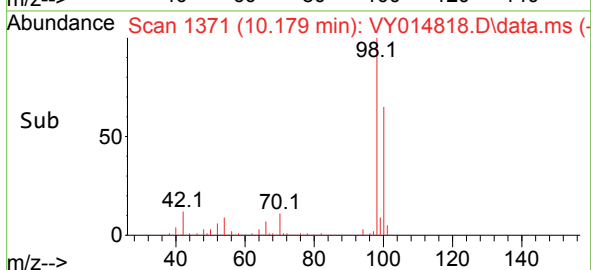
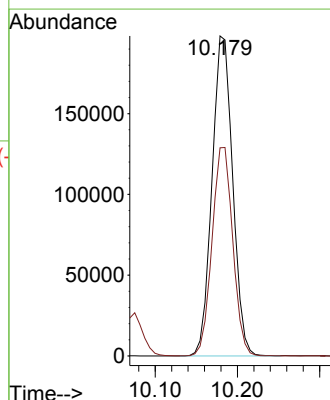
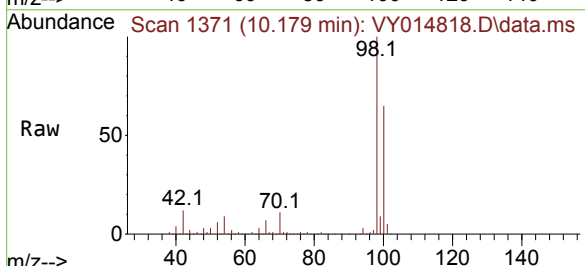
Acq: 25 Jul 2023 22:27

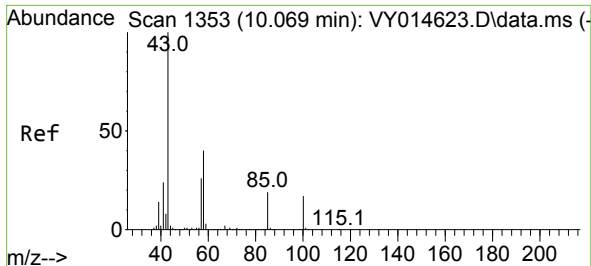
Tgt Ion: 98 Resp: 345927

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

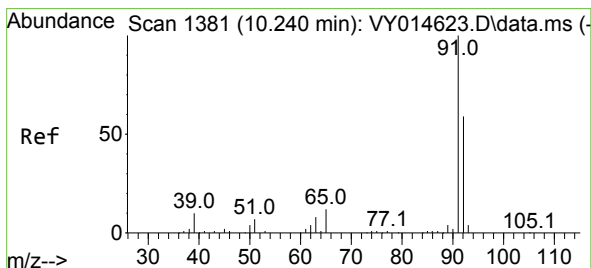
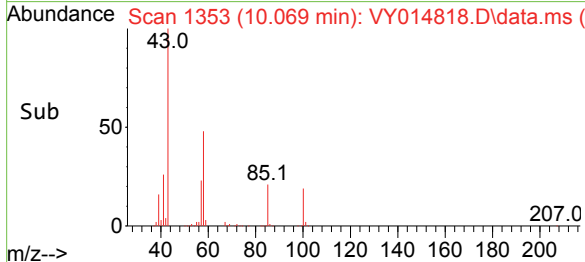
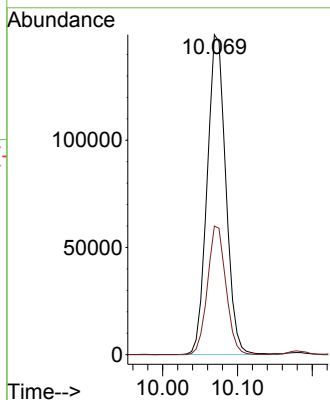
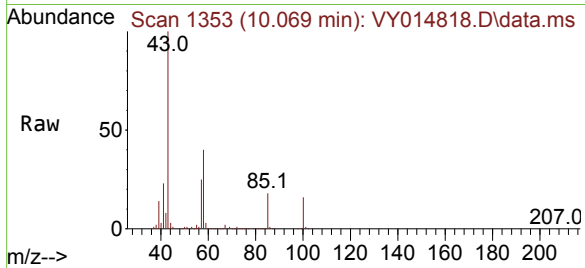




#51
4-Methyl-2-Pentanone
Concen: 114.595 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

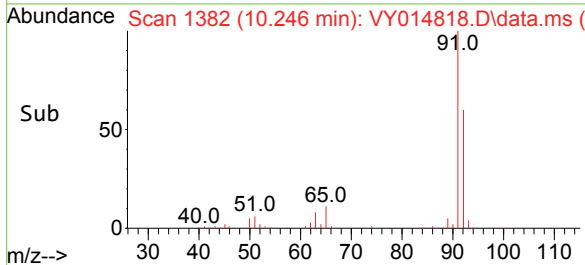
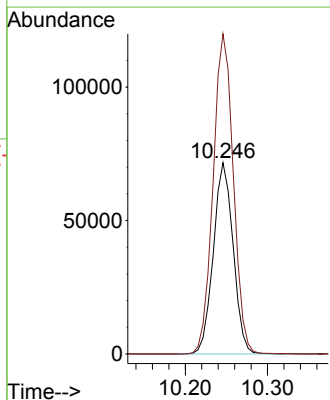
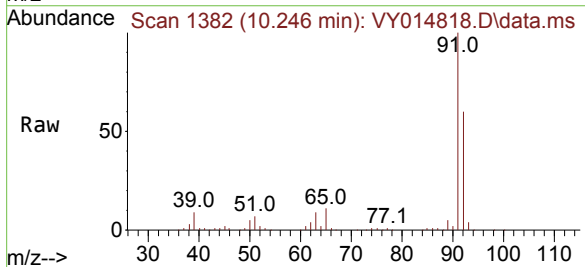
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

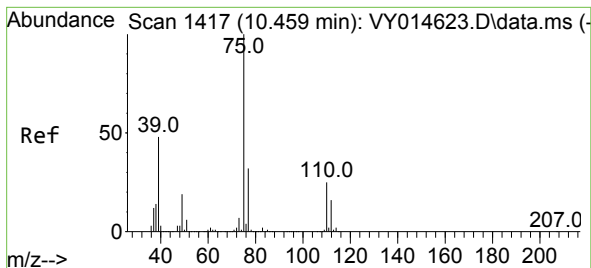
Tgt Ion: 43 Resp: 258487
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 20.106 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 92 Resp: 119859
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

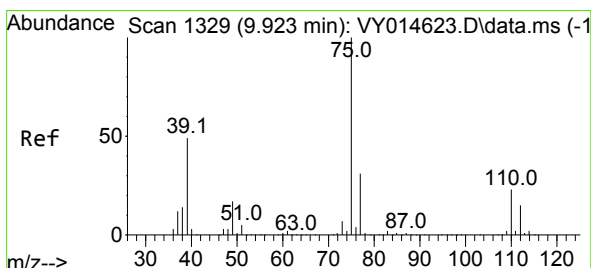
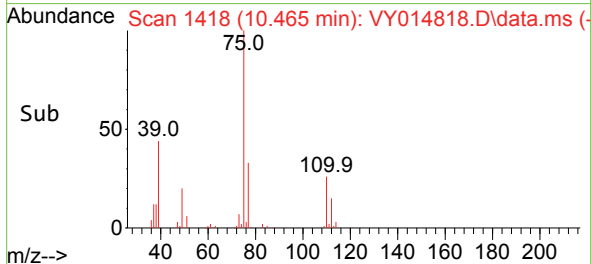
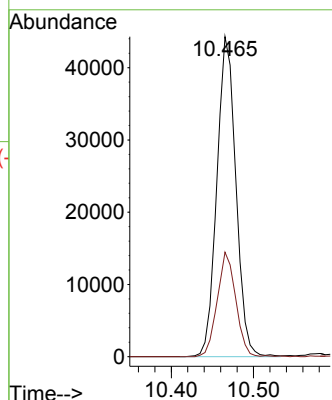
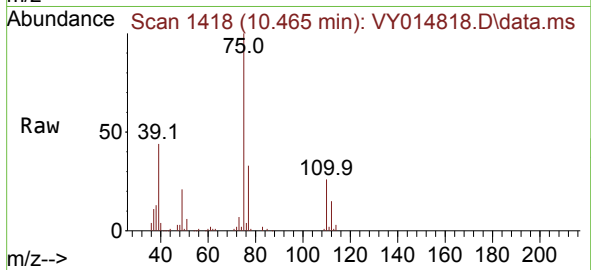




#53
 t-1,3-Dichloropropene
 Concen: 18.727 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

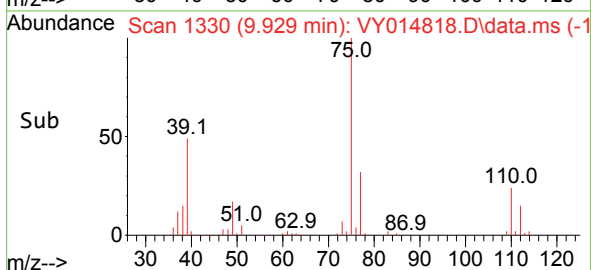
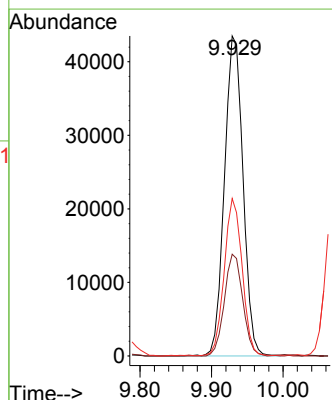
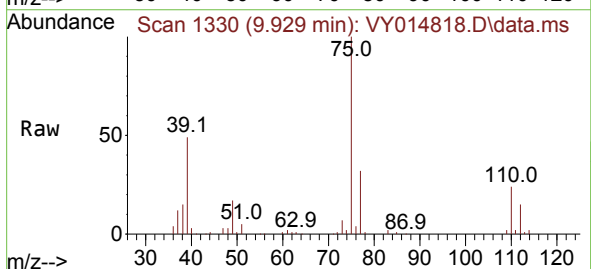
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

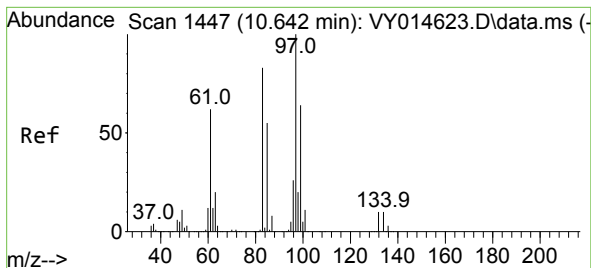
Tgt Ion: 75 Resp: 71250
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.996 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014818.D
 Acq: 25 Jul 2023 22:27

Tgt Ion: 75 Resp: 78594
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 49.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.941 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 97 Resp: 43049

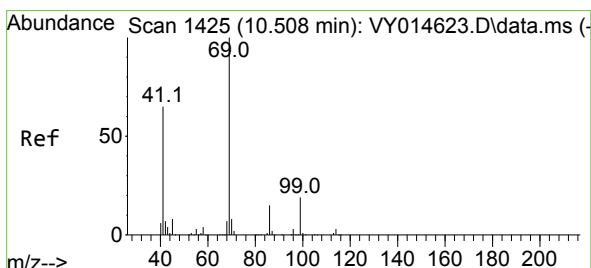
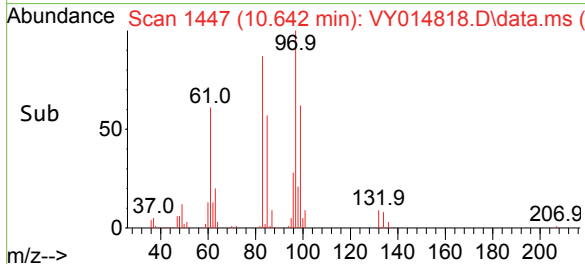
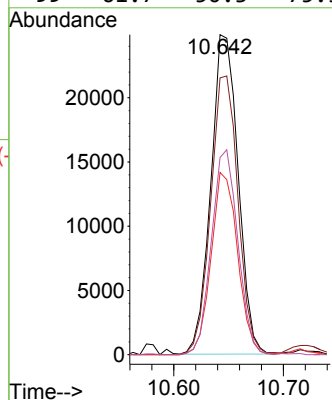
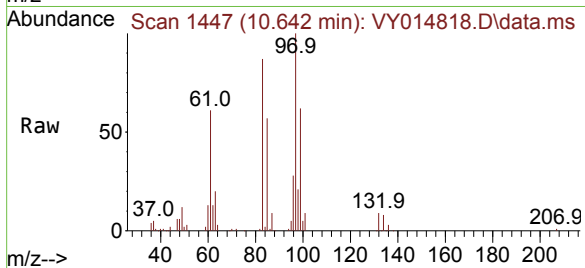
Ion Ratio Lower Upper

97 100

83 86.7 72.0 108.0

85 57.1 45.4 68.0

99 61.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.594 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

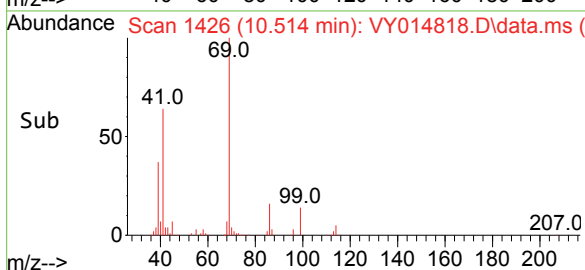
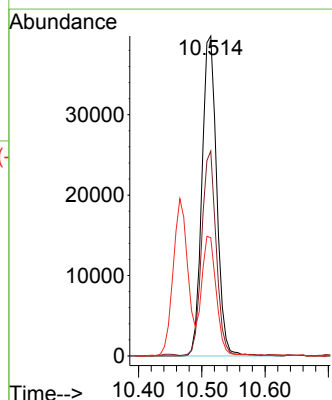
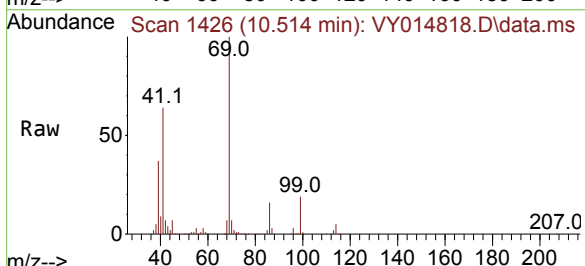
Tgt Ion: 69 Resp: 64640

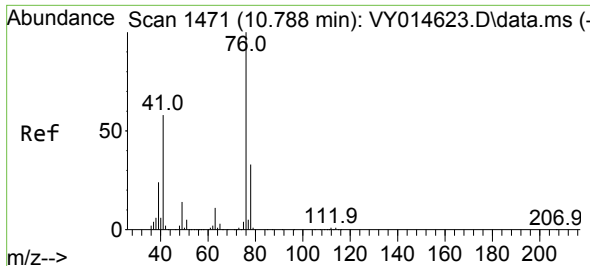
Ion Ratio Lower Upper

69 100

41 62.9 57.6 86.4

39 36.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.635 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

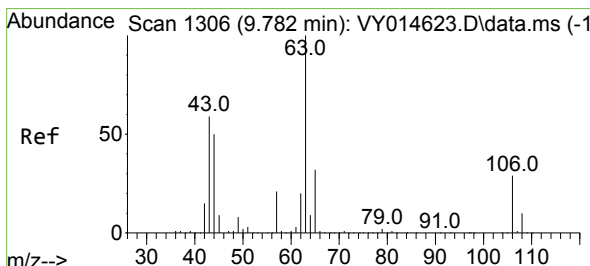
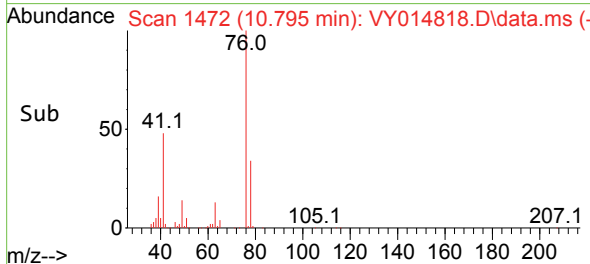
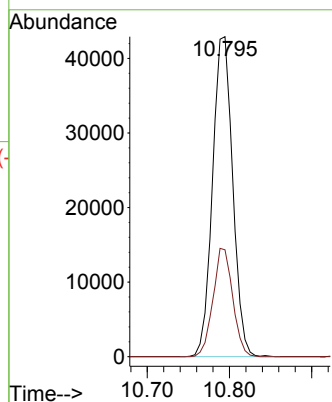
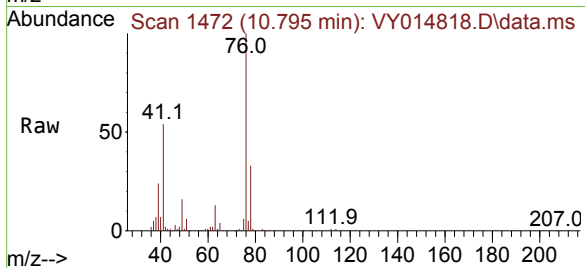
VY0725SBS02

Tgt Ion: 76 Resp: 73165

Ion Ratio Lower Upper

76 100

78 33.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 108.675 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014818.D

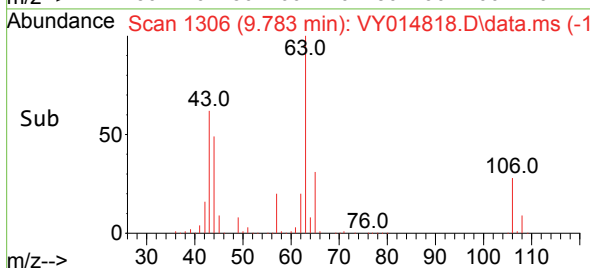
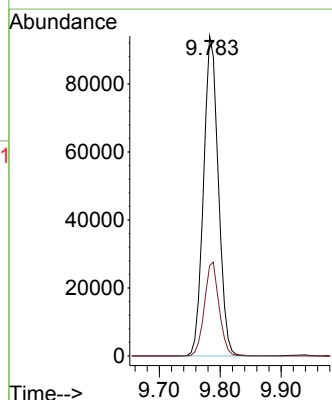
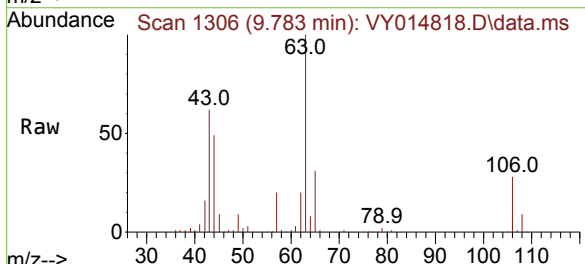
Acq: 25 Jul 2023 22:27

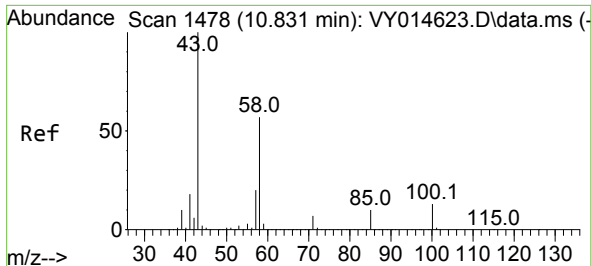
Tgt Ion: 63 Resp: 158934

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

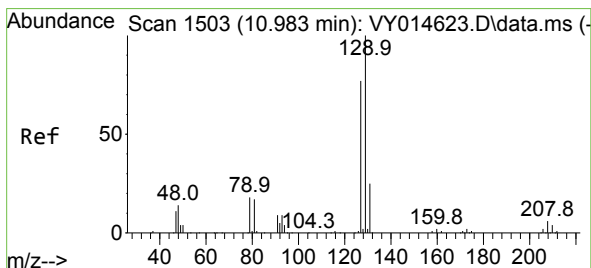
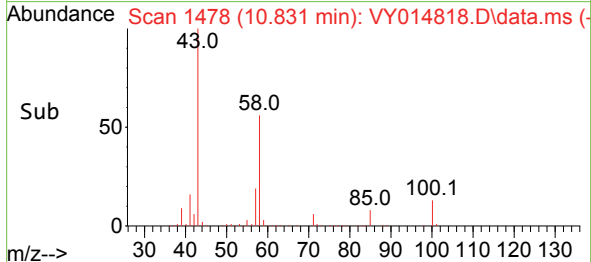
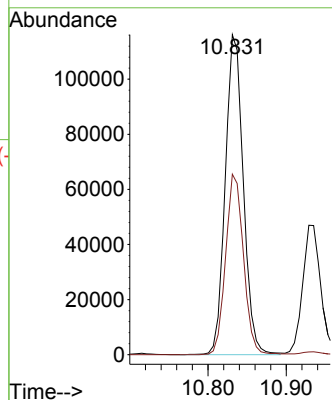
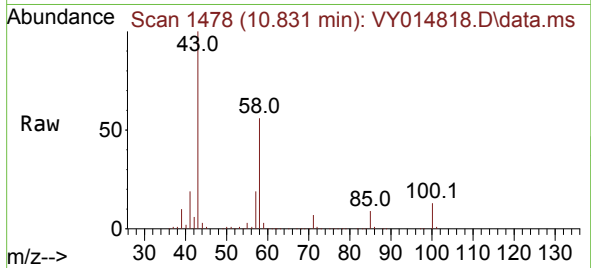




#59
2-Hexanone
Concen: 113.175 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

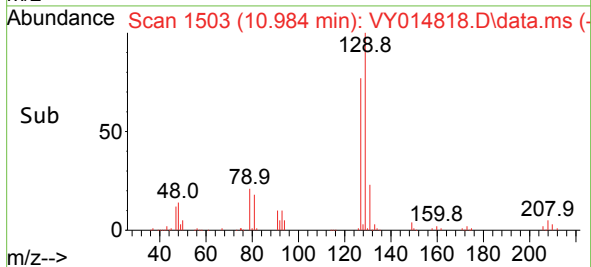
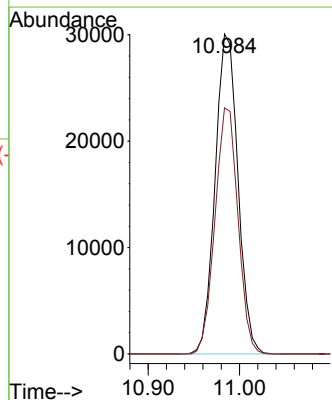
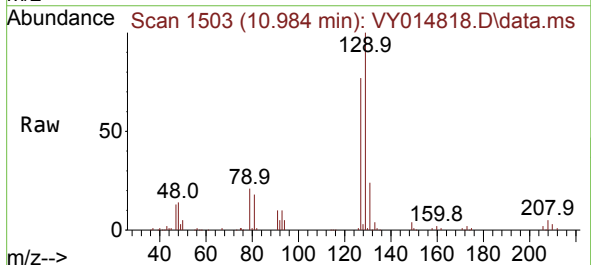
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

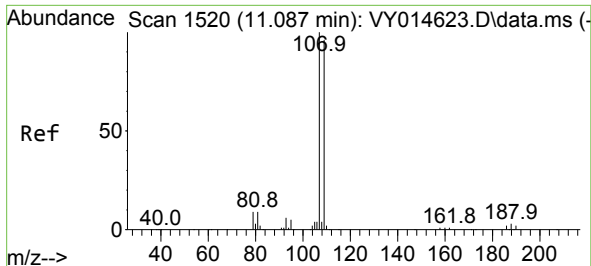
Tgt Ion: 43 Resp: 186166
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.713 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 129 Resp: 52206
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

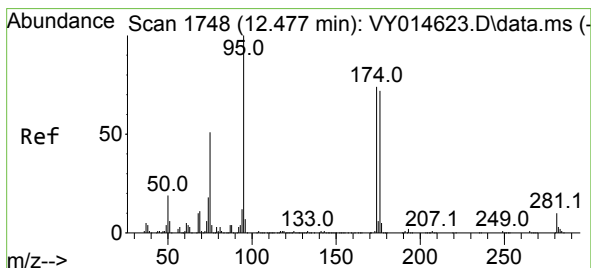
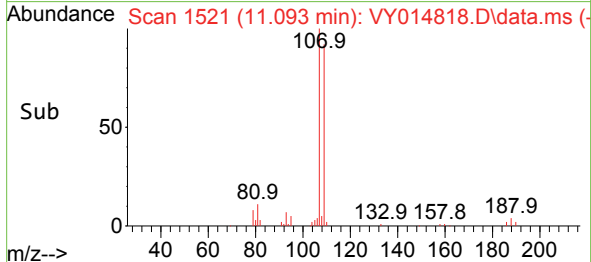
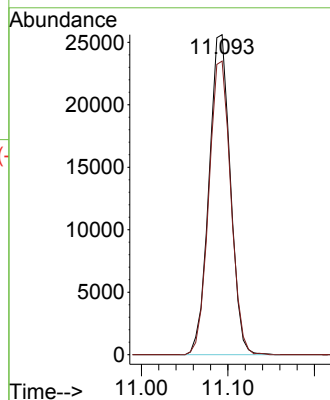
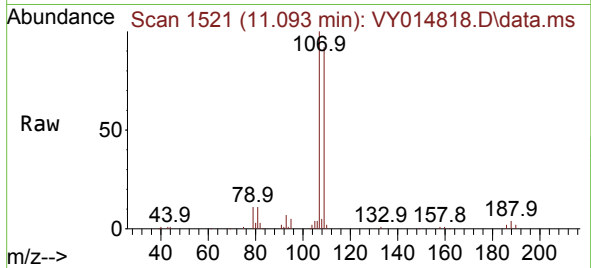




#61
1,2-Dibromoethane
Concen: 21.339 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

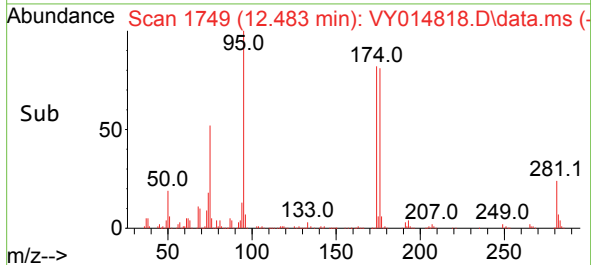
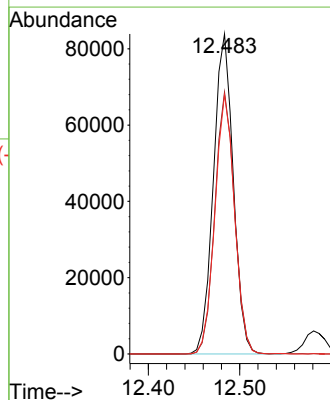
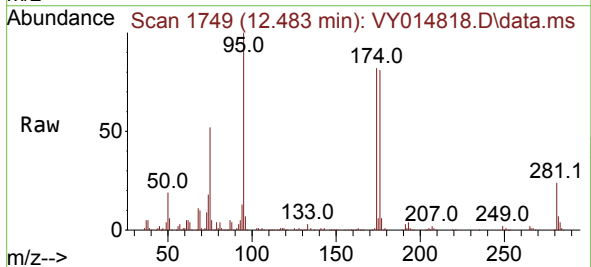
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

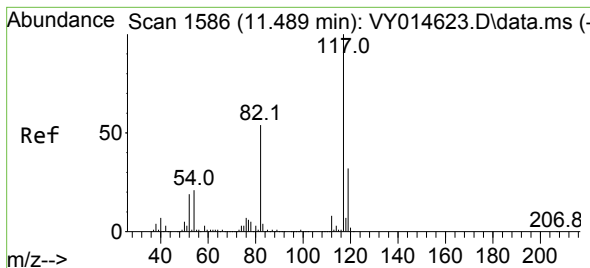
Tgt Ion:107 Resp: 43761
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 95 Resp: 126522
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 80.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

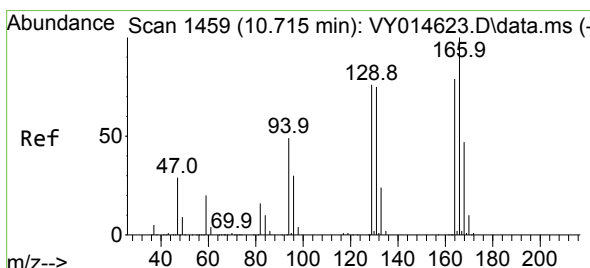
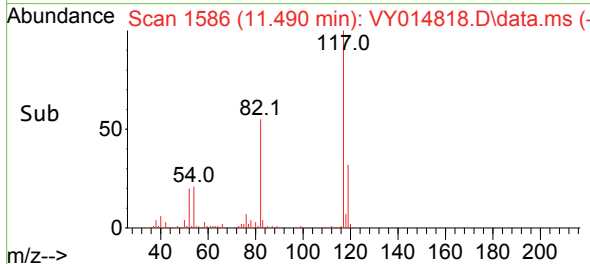
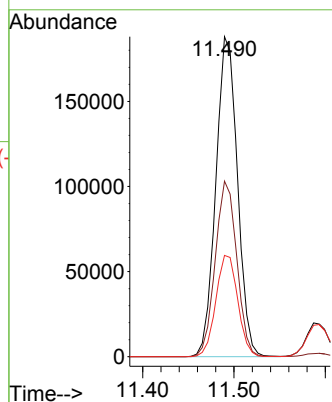
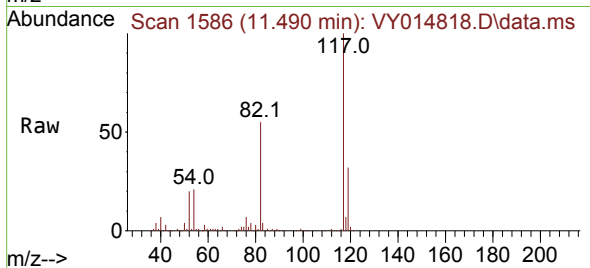
Tgt Ion:117 Resp: 309241

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 21.539 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Tgt Ion:164 Resp: 53570

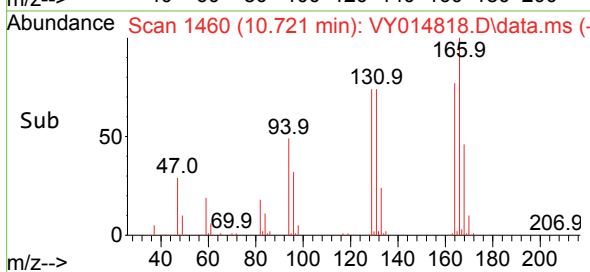
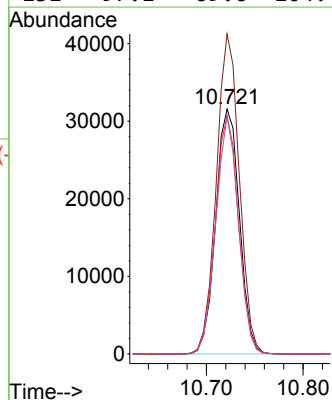
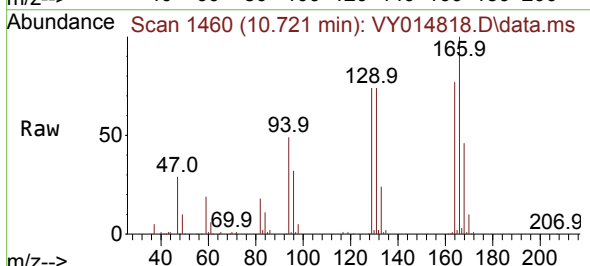
Ion Ratio Lower Upper

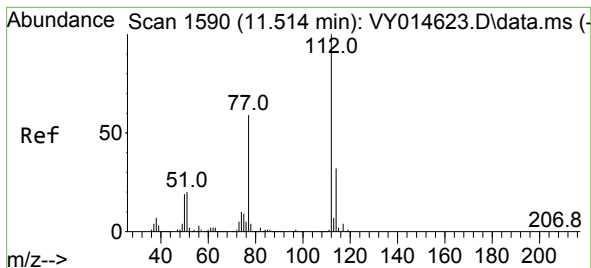
164 100

166 130.7 103.0 154.6

129 97.3 77.2 115.8

131 97.1 69.6 104.4

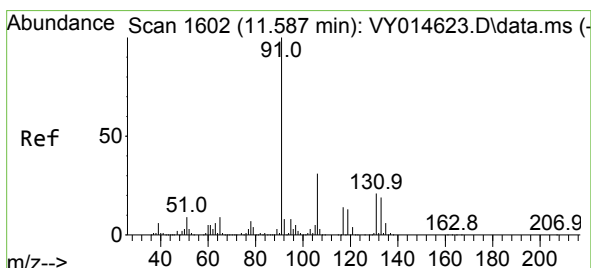
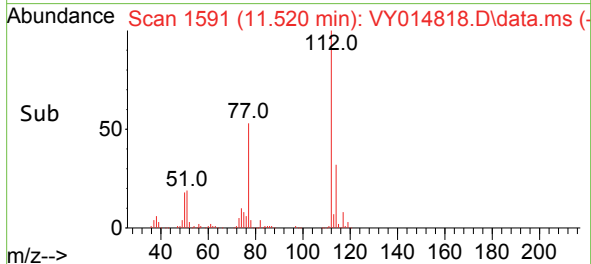
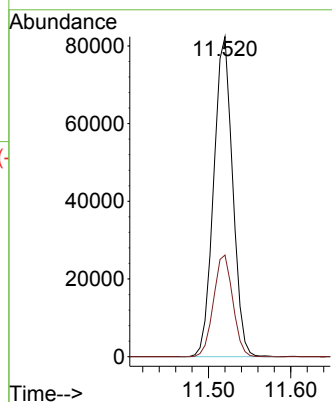
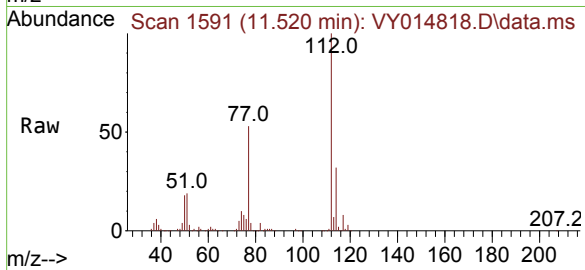




#65
Chlorobenzene
Concen: 19.955 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

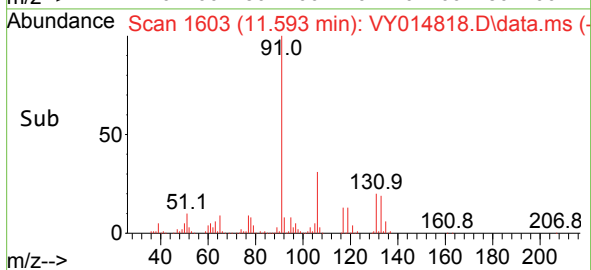
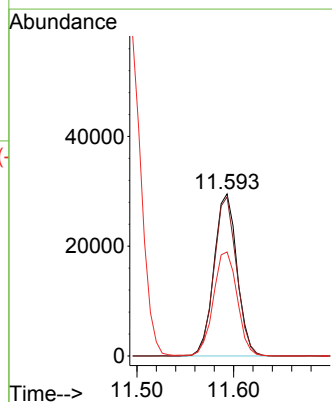
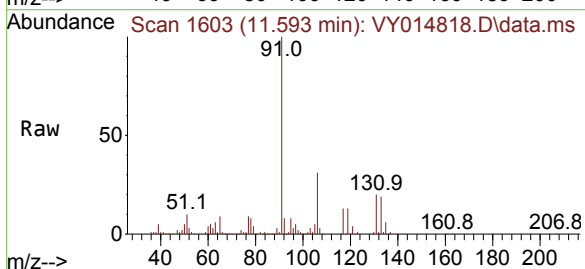
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

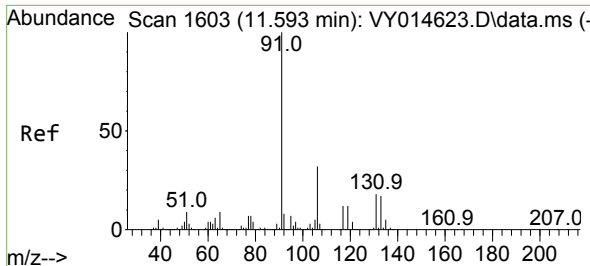
Tgt Ion:112 Resp: 131502
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.629 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion:131 Resp: 48771
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 66.5 31.6 94.7

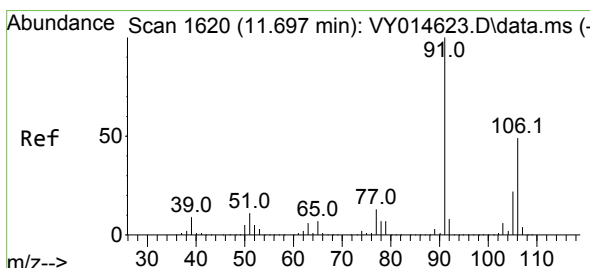
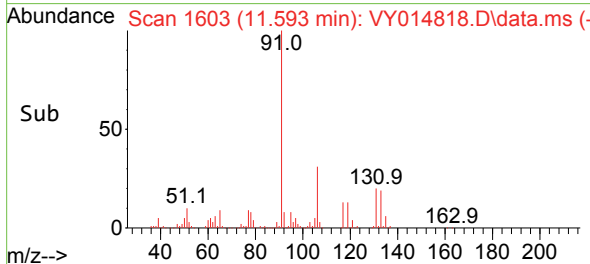
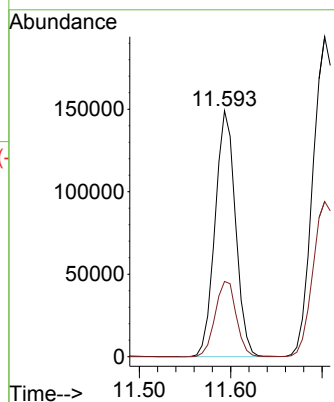
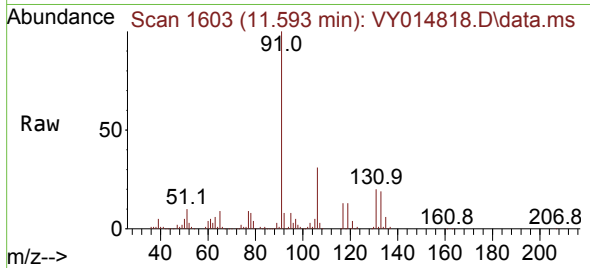




#67
Ethyl Benzene
Concen: 19.429 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

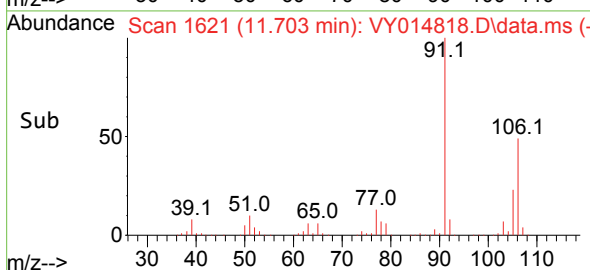
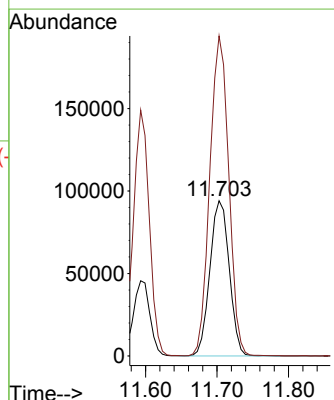
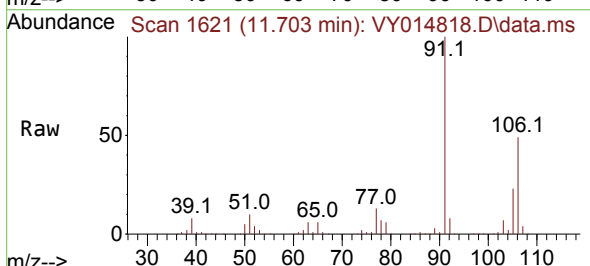
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

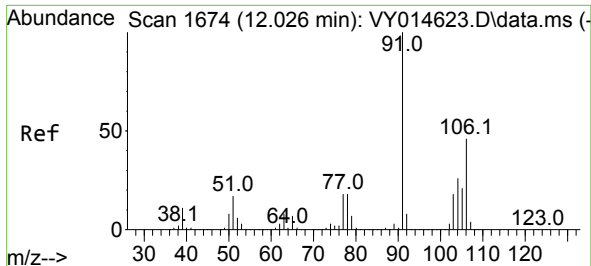
Tgt Ion: 91 Resp: 231172
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 38.950 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion:106 Resp: 176903
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1

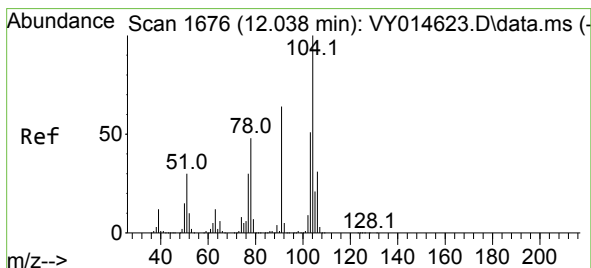
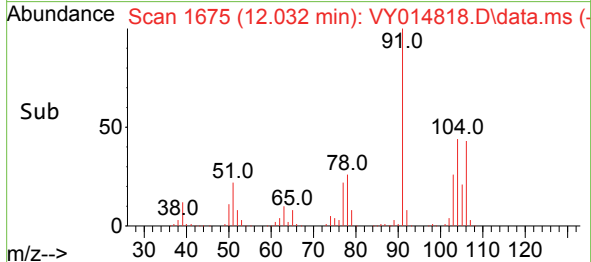
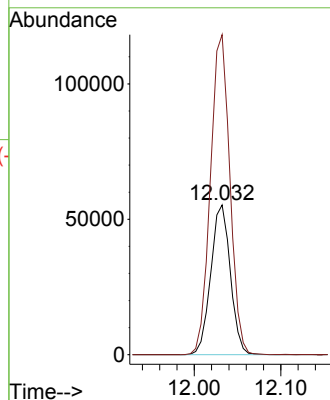
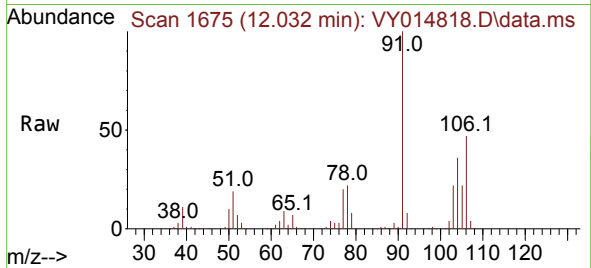




#69
o-Xylene
Concen: 19.600 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

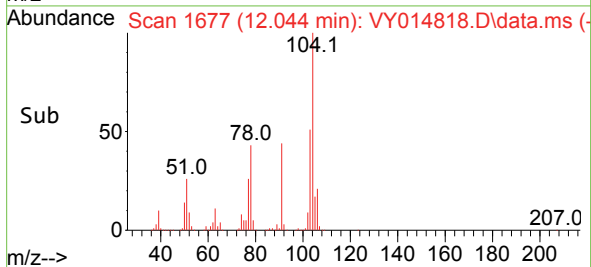
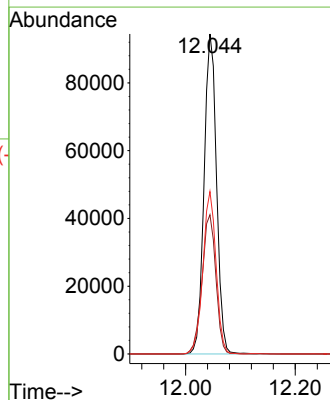
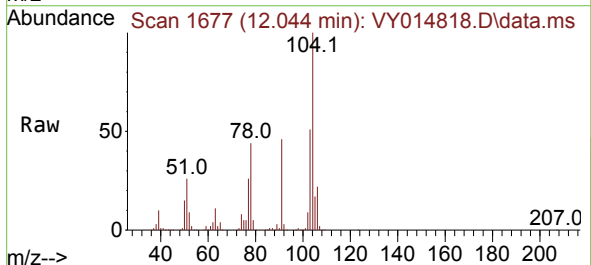
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

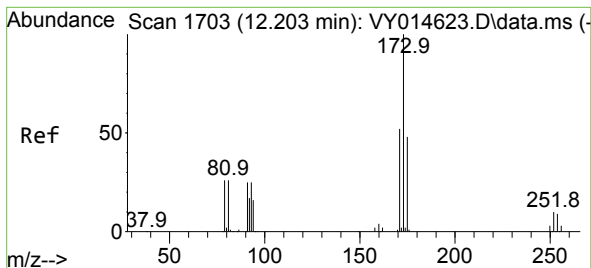
Tgt Ion:106 Resp: 86705
Ion Ratio Lower Upper
106 100
91 212.9 108.1 324.3



#70
Styrene
Concen: 19.931 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion:104 Resp: 148601
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 53.6 44.6 67.0





#71

Bromoform

Concen: 20.446 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

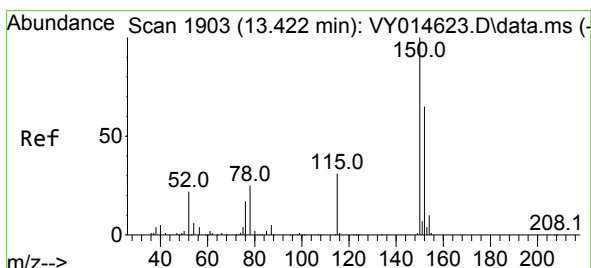
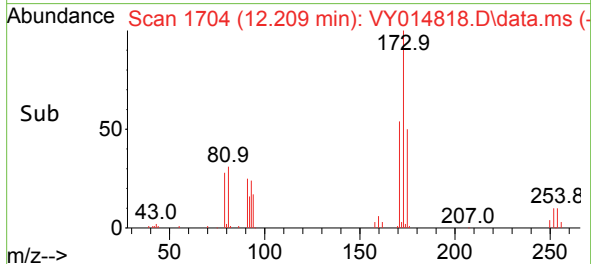
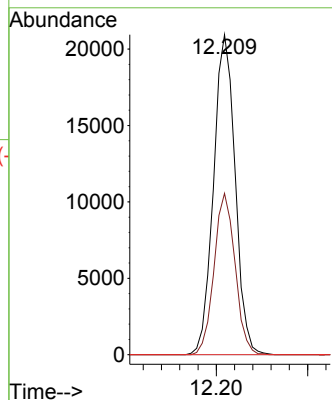
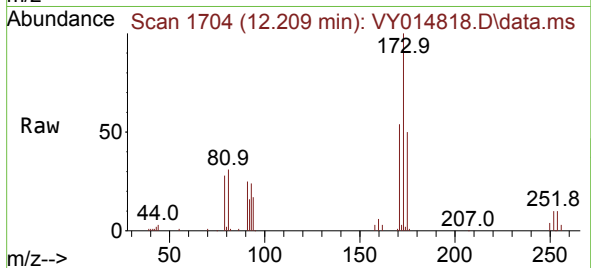
Tgt Ion:173 Resp: 34434

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

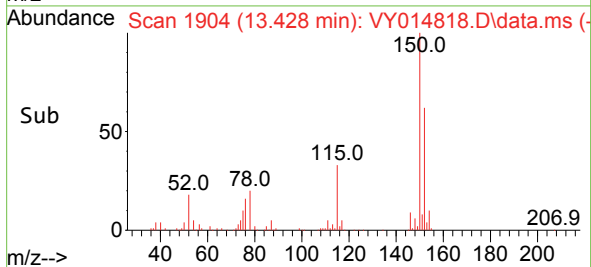
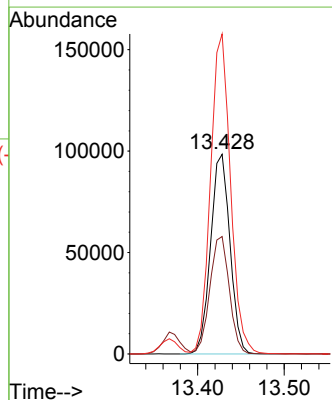
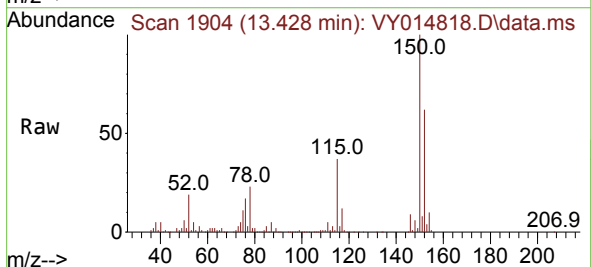
Tgt Ion:152 Resp: 153210

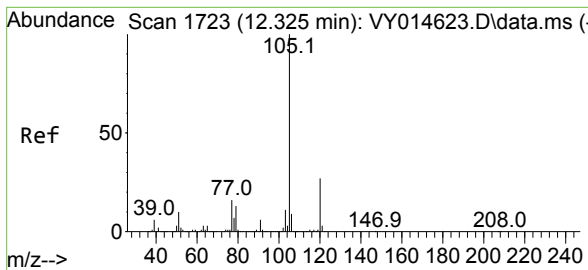
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 164.9 0.0 348.8





#73

Isopropylbenzene

Concen: 18.730 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

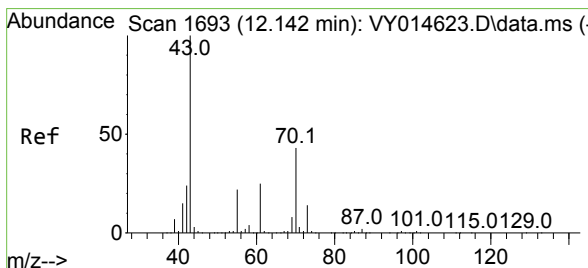
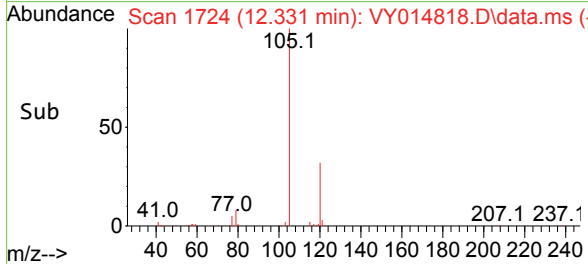
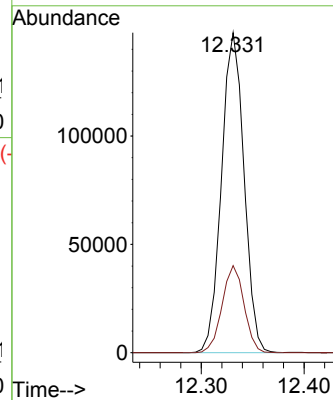
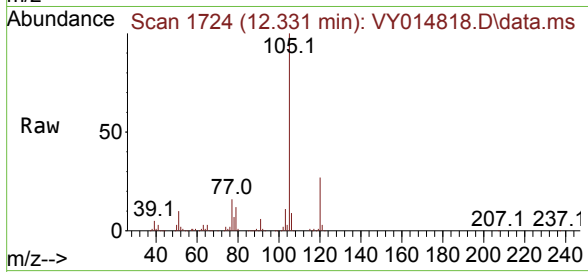
VY0725SBS02

Tgt Ion:105 Resp: 224687

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 18.739 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Tgt Ion: 43 Resp: 75290

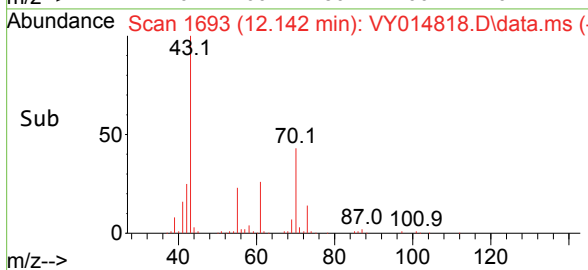
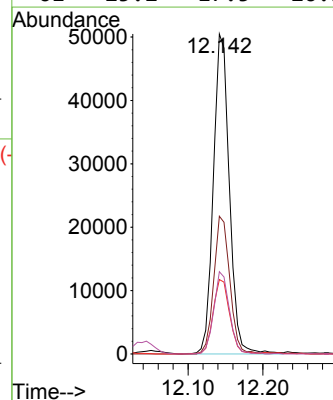
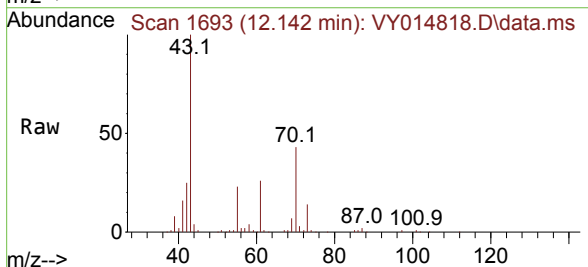
Ion Ratio Lower Upper

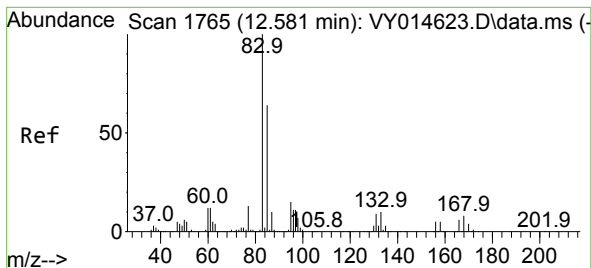
43 100

70 43.6 29.7 44.5

55 24.1 18.3 27.5

61 25.2 17.5 26.3

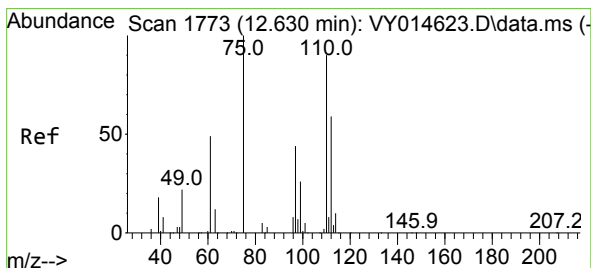
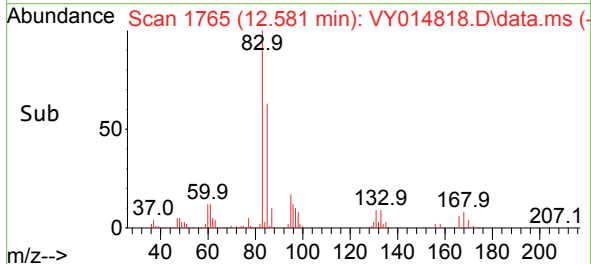
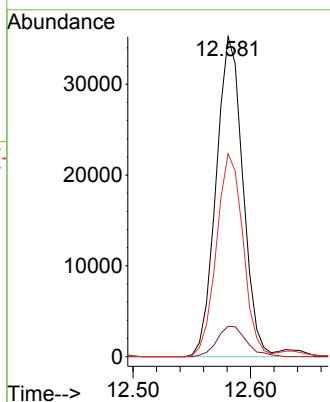
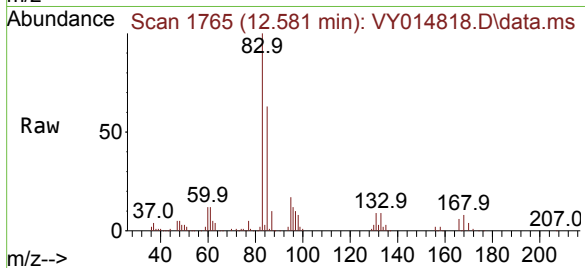




#75
1,1,2,2-Tetrachloroethane
Concen: 20.413 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

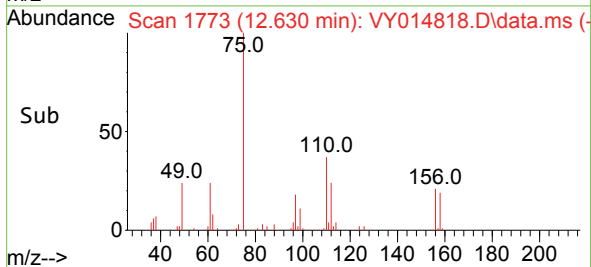
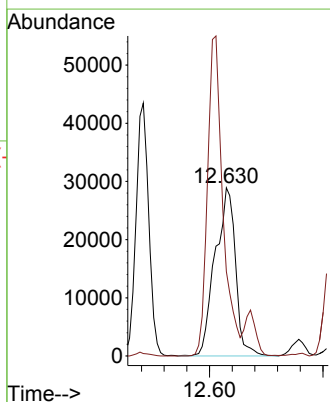
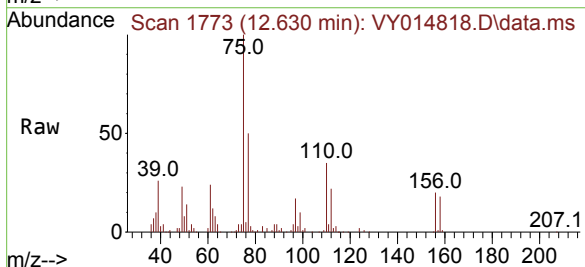
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

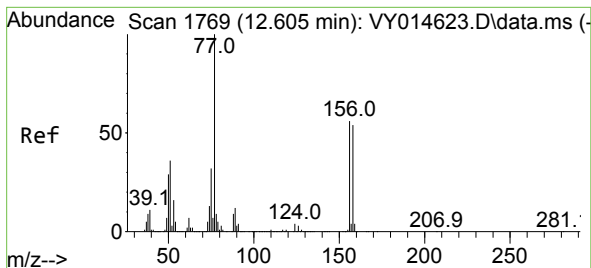
Tgt Ion: 83 Resp: 55844
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 63.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 37.285 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 75 Resp: 72147
Ion Ratio Lower Upper
75 100
77 143.5 0.0 0.0#





#77

Bromobenzene

Concen: 19.654 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

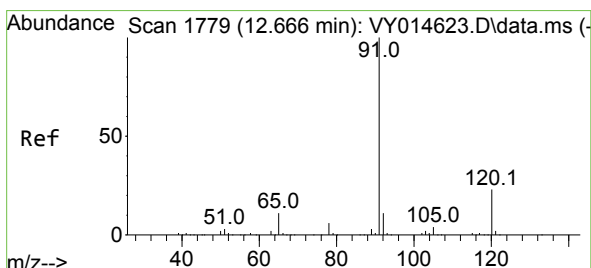
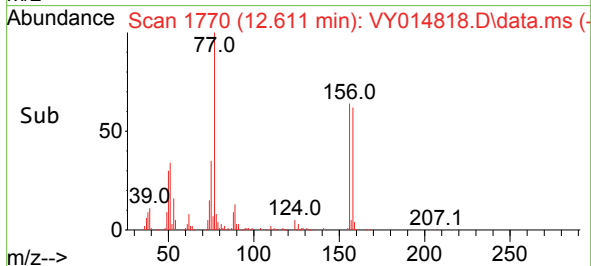
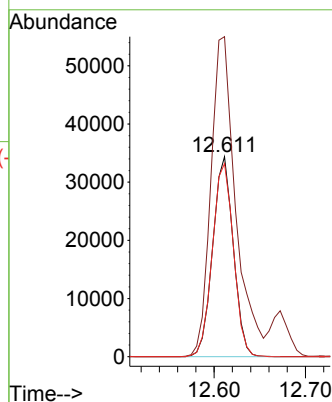
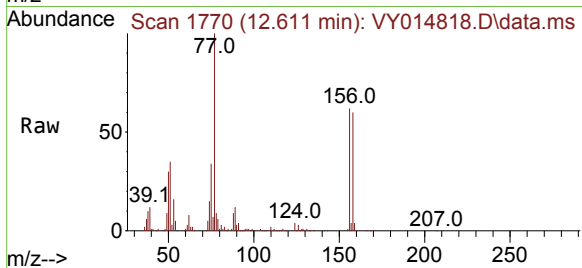
Tgt Ion:156 Resp: 53821

Ion Ratio Lower Upper

156 100

77 192.4 92.8 278.6

158 99.2 48.4 145.3



#78

n-propylbenzene

Concen: 18.475 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014818.D

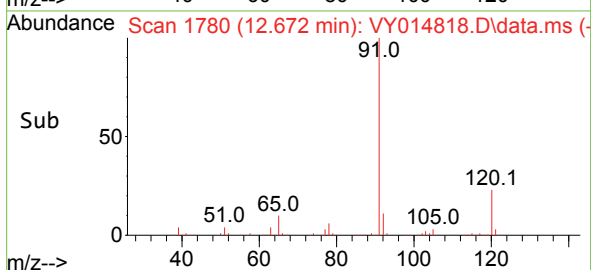
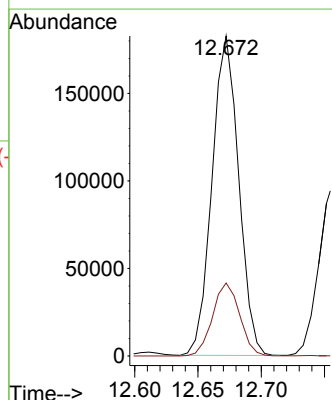
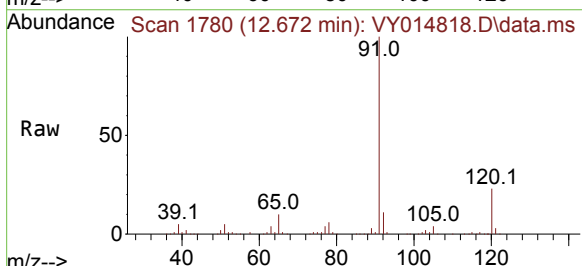
Acq: 25 Jul 2023 22:27

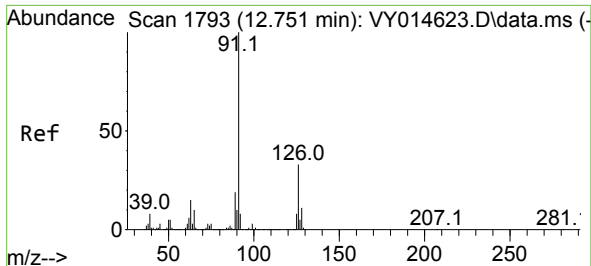
Tgt Ion: 91 Resp: 267077

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

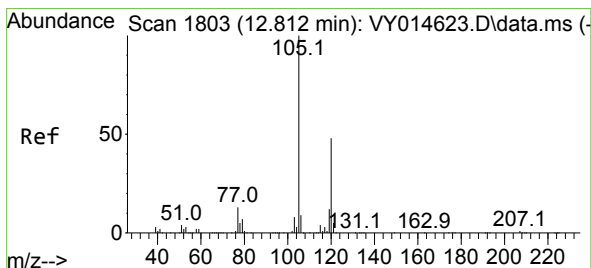
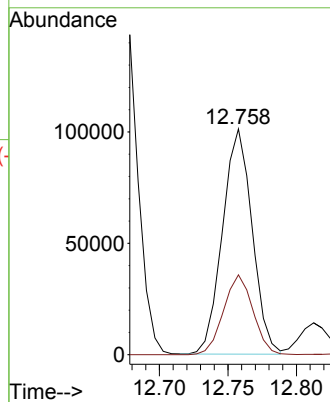
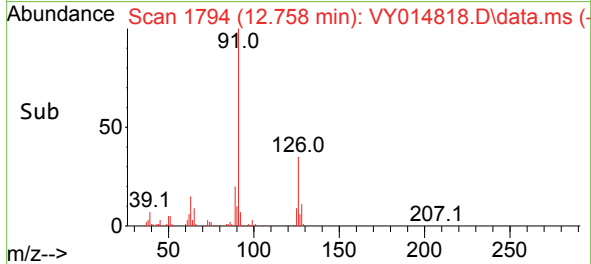
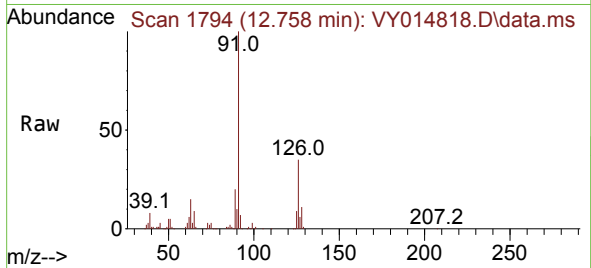




#79
2-Chlorotoluene
Concen: 18.317 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

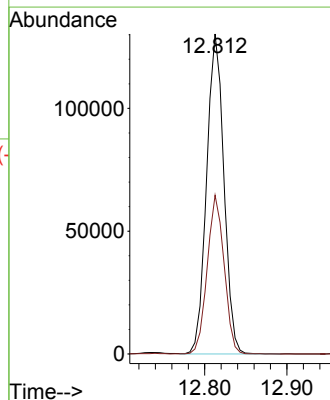
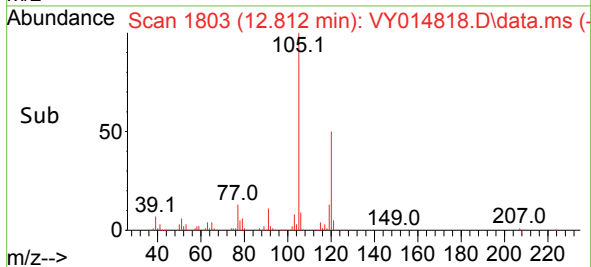
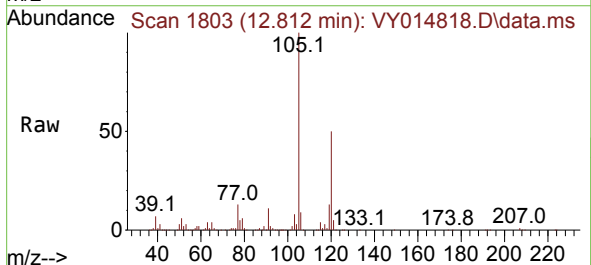
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

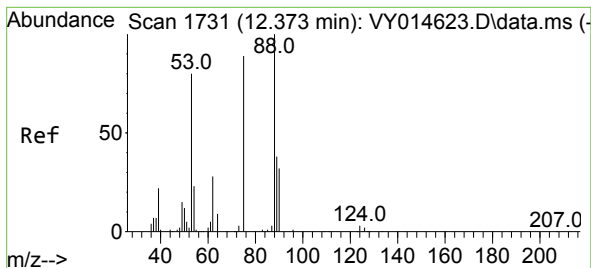
Tgt Ion: 91 Resp: 152516
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.999 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 105 Resp: 190345
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

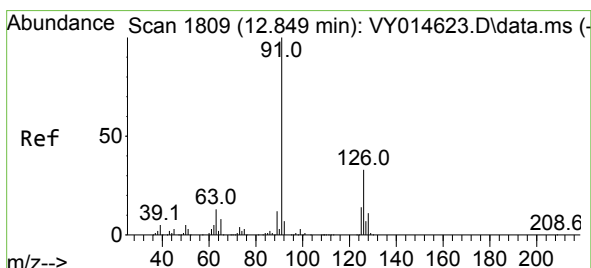
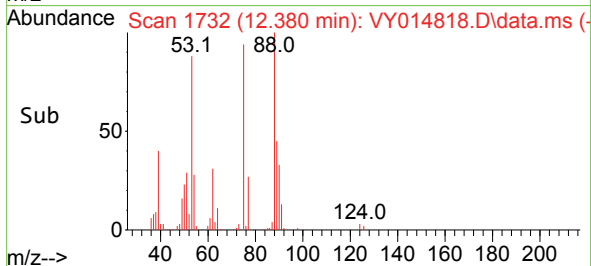
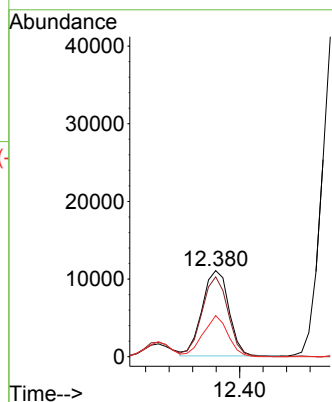
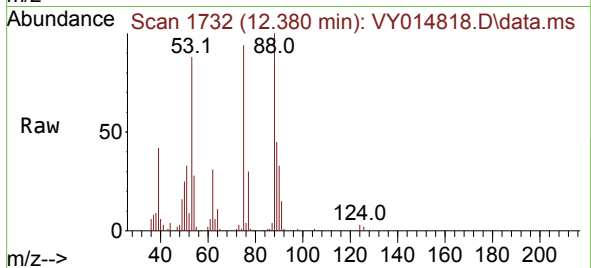




#81
trans-1,4-Dichloro-2-butene
Concen: 17.339 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

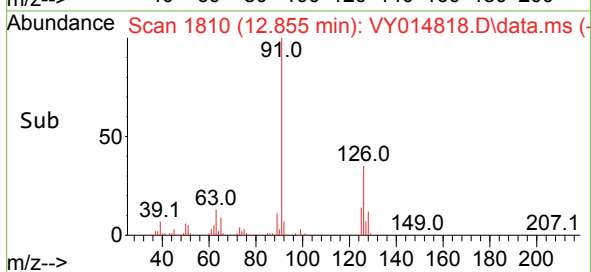
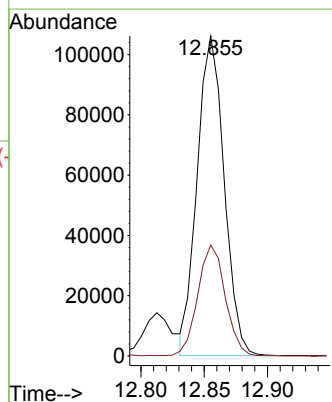
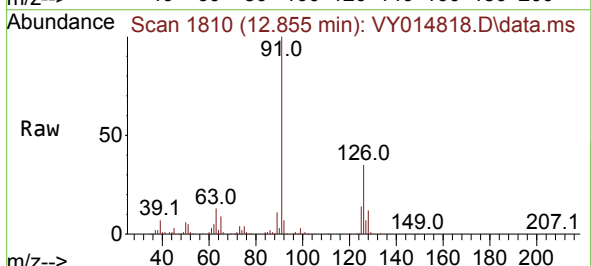
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

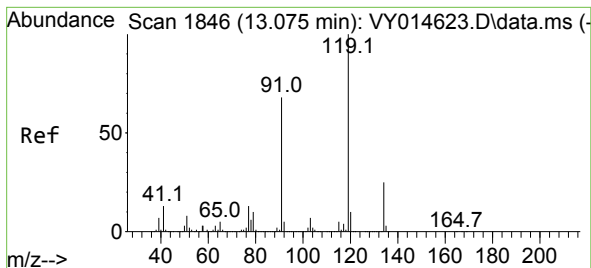
Tgt Ion: 75 Resp: 17328
Ion Ratio Lower Upper
75 100
53 91.7 77.8 116.8
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.406 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 91 Resp: 157839
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.497 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

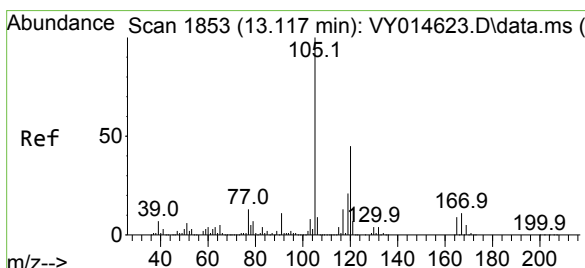
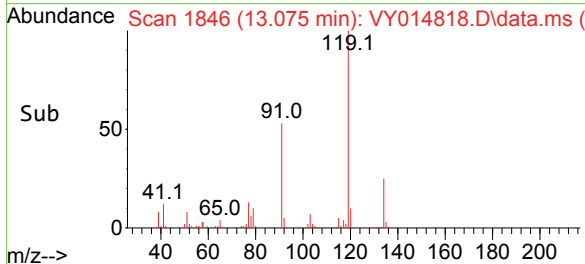
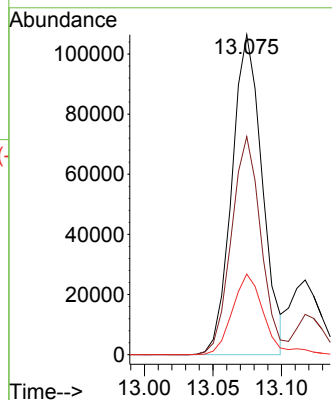
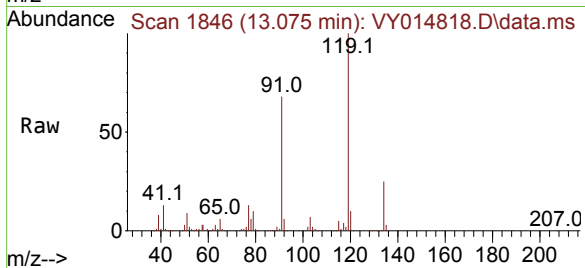
Tgt Ion:119 Resp: 164389

Ion Ratio Lower Upper

119 100

91 67.0 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.212 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014818.D

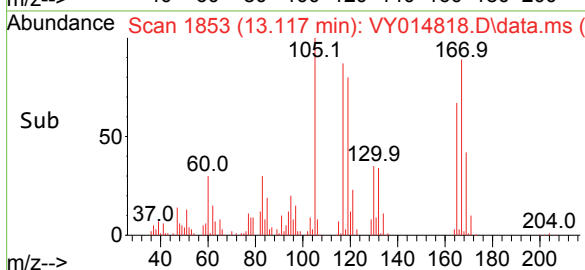
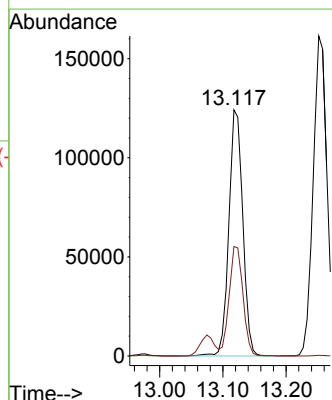
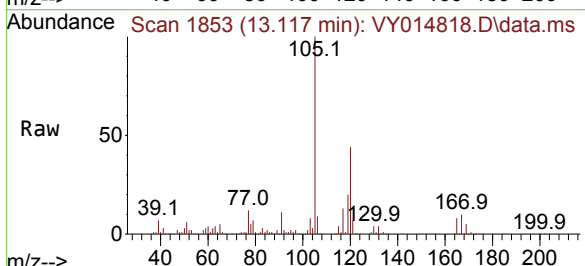
Acq: 25 Jul 2023 22:27

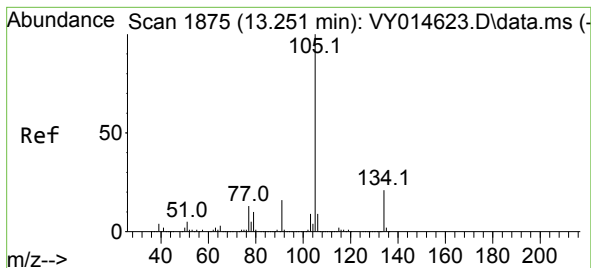
Tgt Ion:105 Resp: 188894

Ion Ratio Lower Upper

105 100

120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.719 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

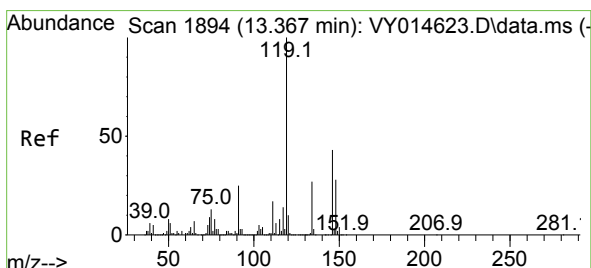
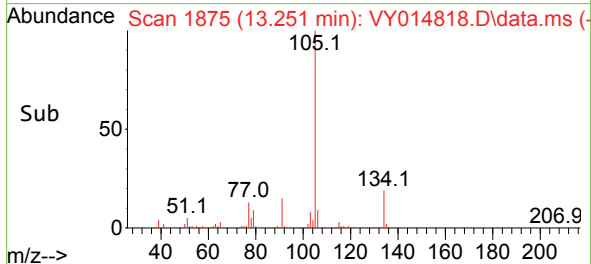
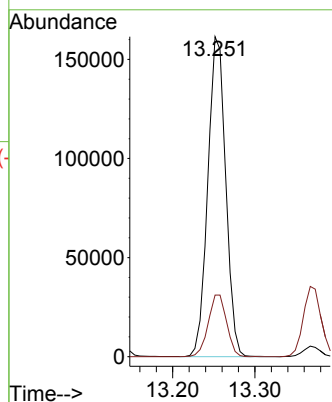
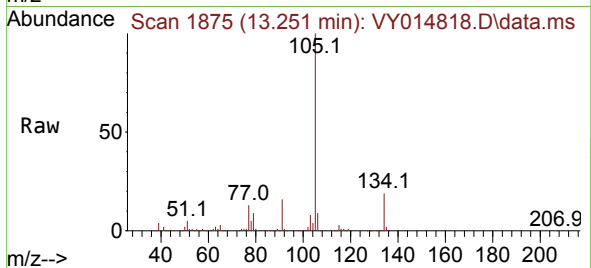
VY0725SBS02

Tgt Ion:105 Resp: 244036

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.007 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

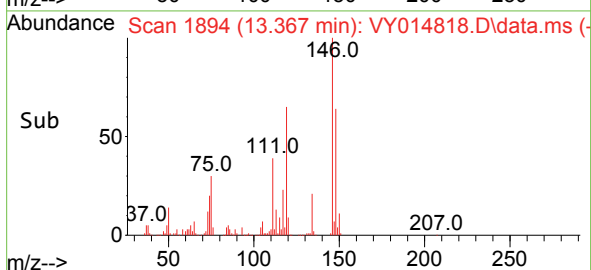
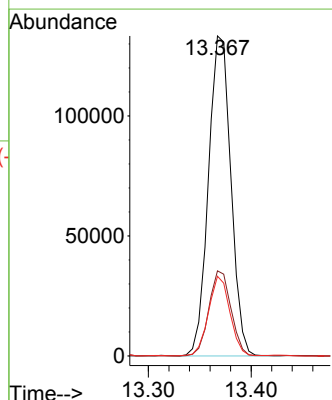
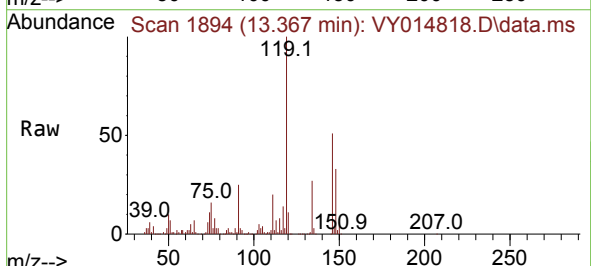
Tgt Ion:119 Resp: 202321

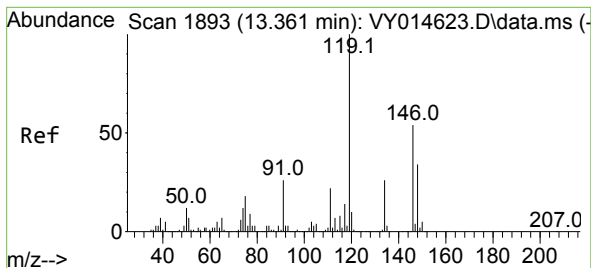
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.539 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

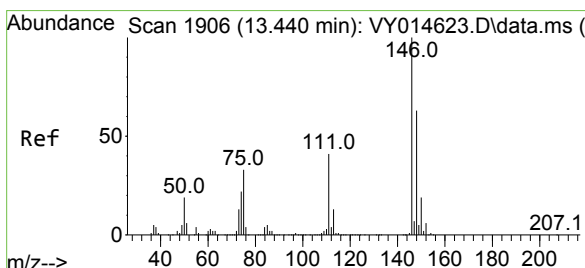
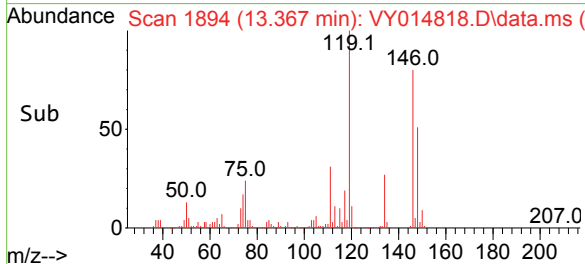
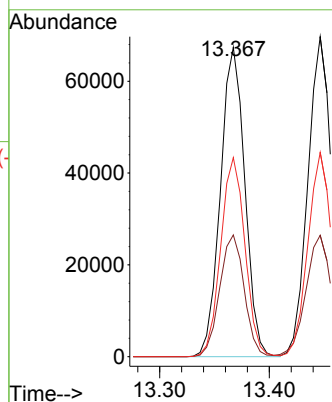
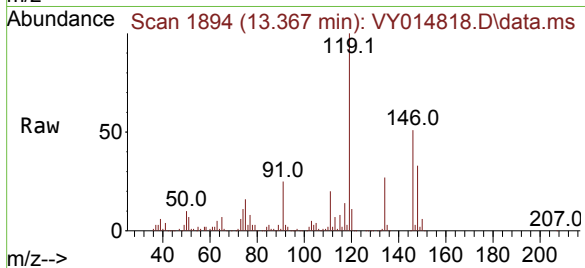
Tgt Ion:146 Resp: 104137

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.844 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

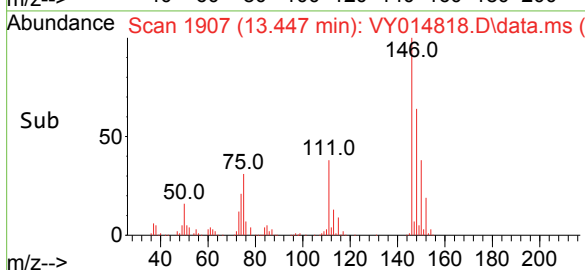
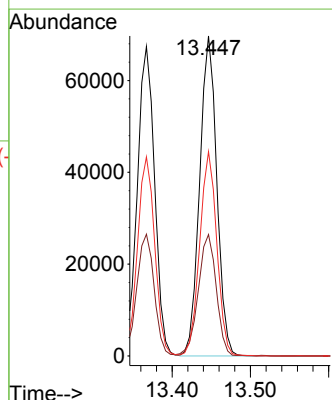
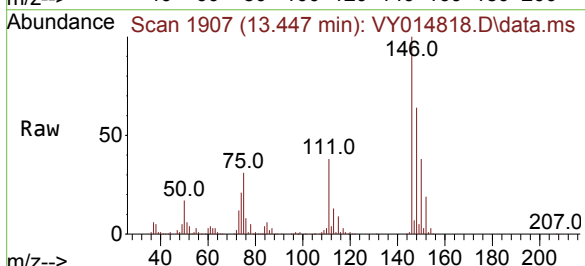
Tgt Ion:146 Resp: 105983

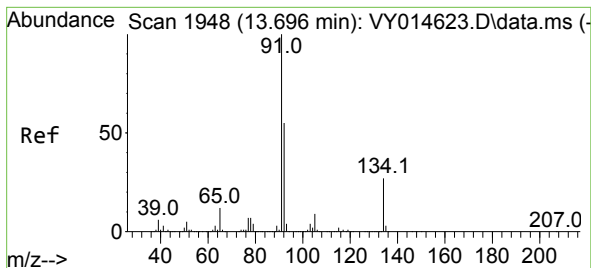
Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.7

148 63.9 32.1 96.5

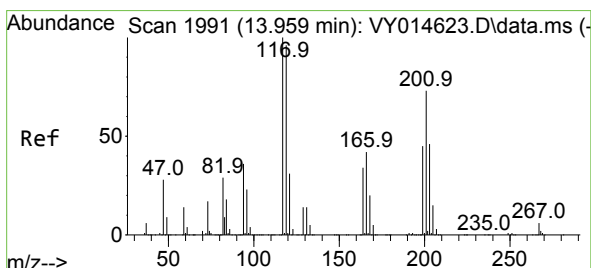
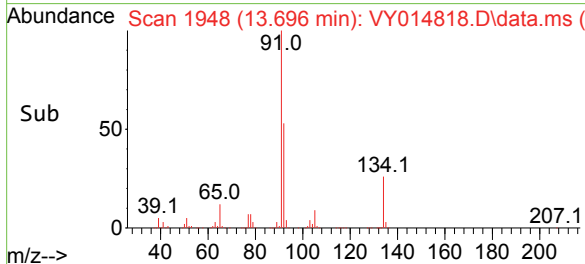
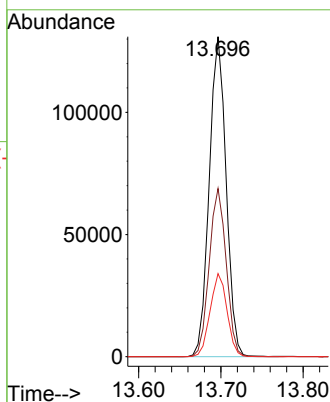
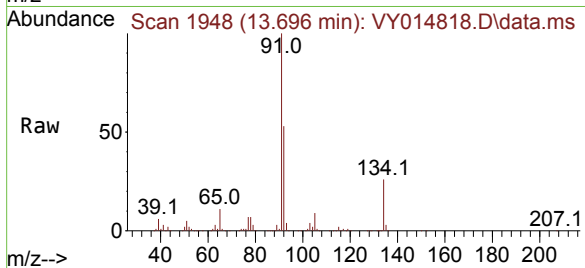




#89
n-Butylbenzene
Concen: 18.046 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

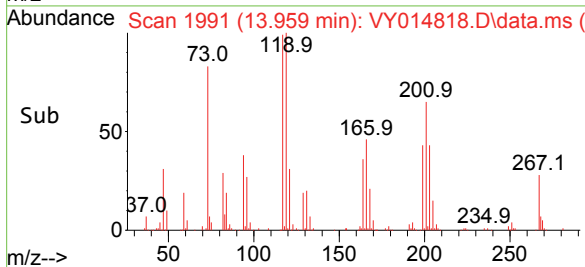
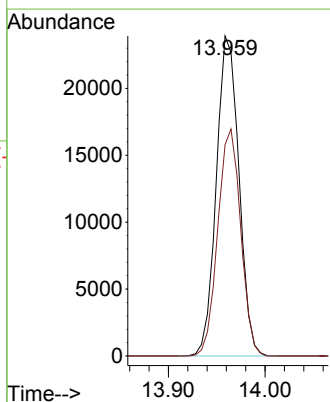
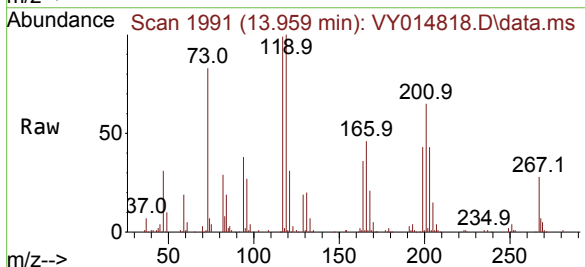
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

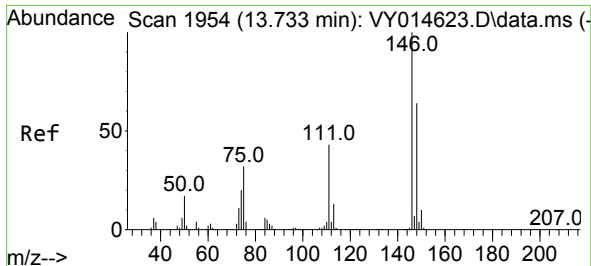
Tgt Ion: 91 Resp: 186880
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: 17.745 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 117 Resp: 38797
Ion Ratio Lower Upper
117 100
201 71.9 41.6 124.8

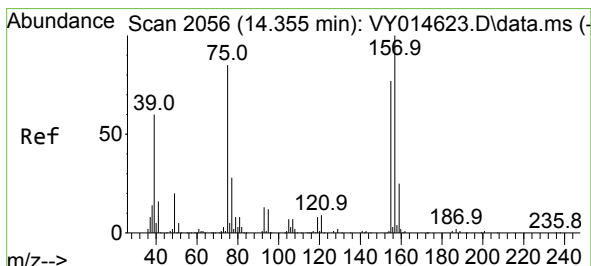
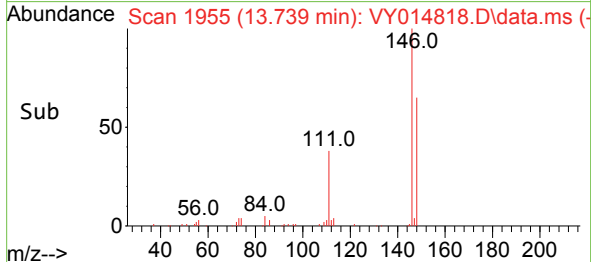
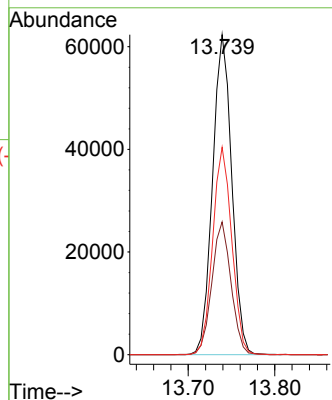
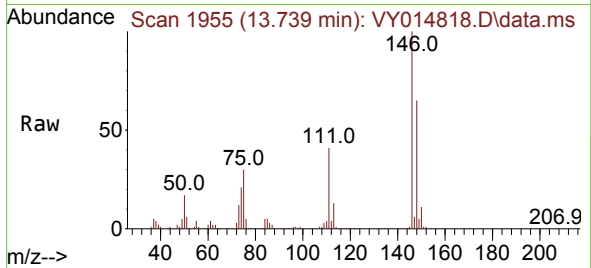




#91
1,2-Dichlorobenzene
Concen: 19.672 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

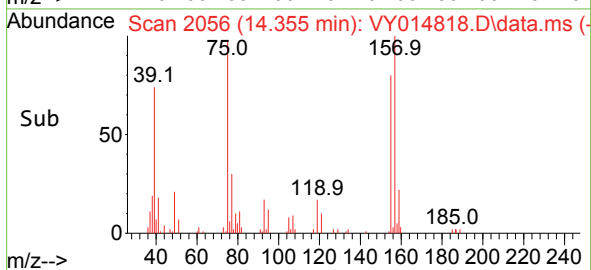
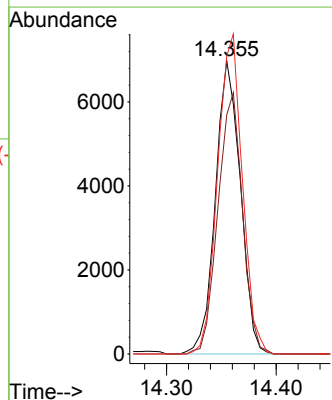
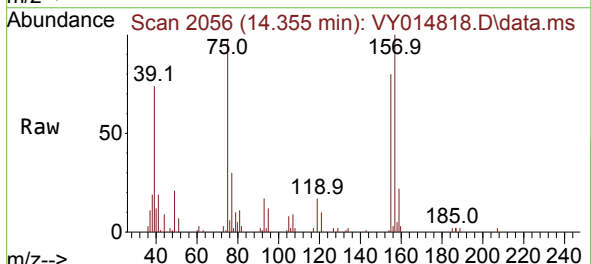
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

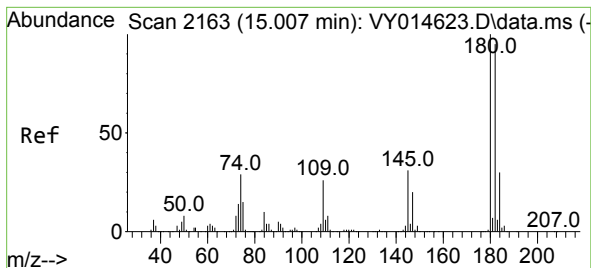
Tgt Ion:146 Resp: 96058
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.117 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014818.D
Acq: 25 Jul 2023 22:27

Tgt Ion: 75 Resp: 11048
Ion Ratio Lower Upper
75 100
155 87.4 41.5 124.6
157 108.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.492 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

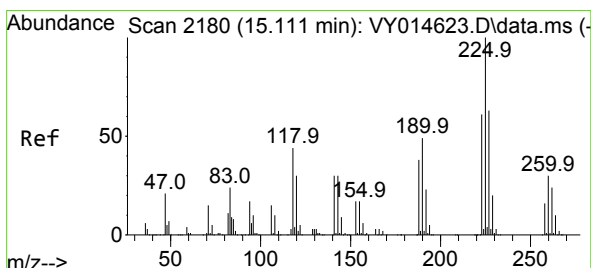
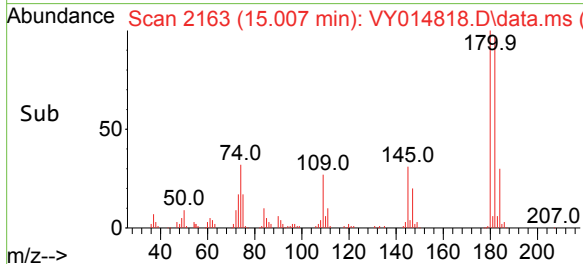
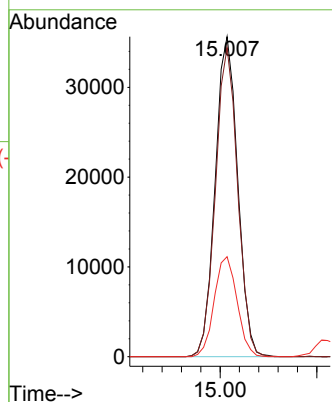
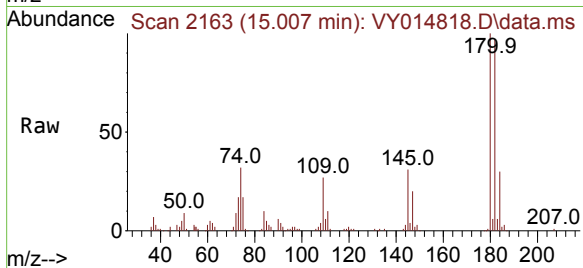
Tgt Ion:180 Resp: 57319

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 31.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 17.795 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

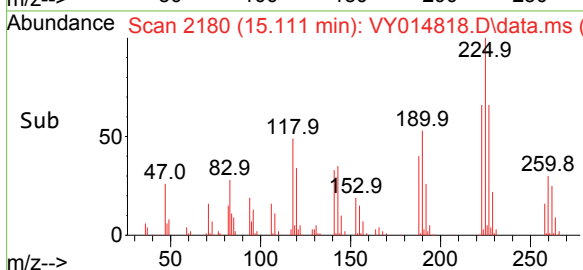
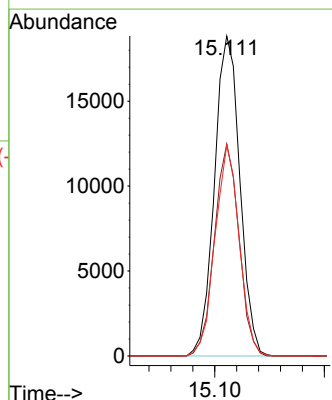
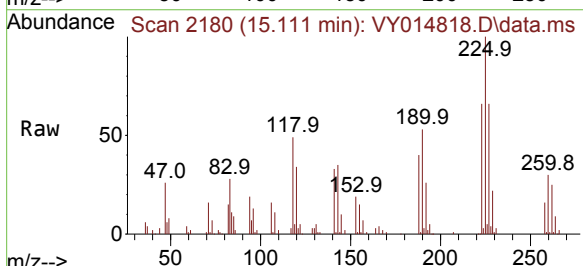
Tgt Ion:225 Resp: 30311

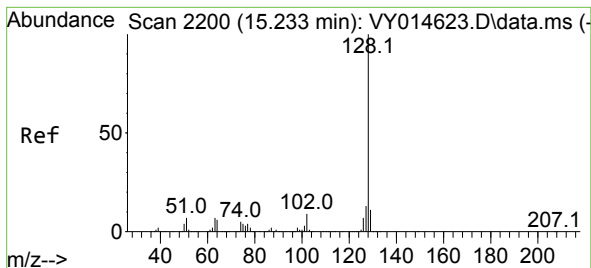
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 19.934 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

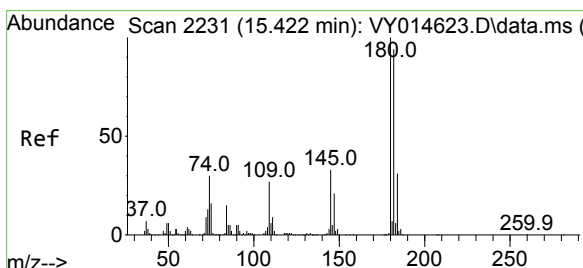
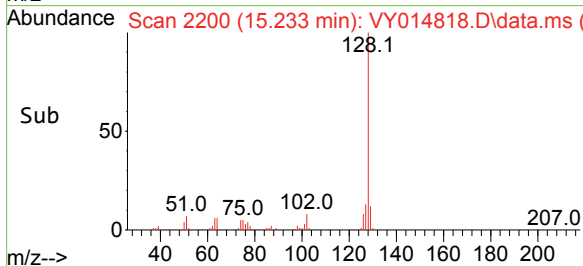
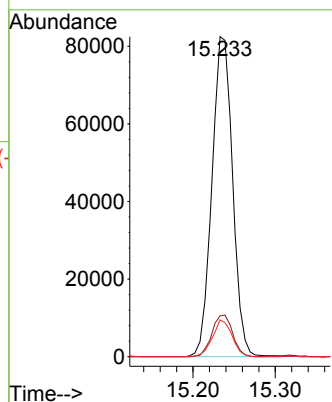
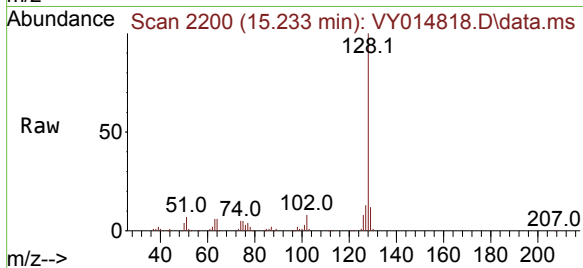
Tgt Ion:128 Resp: 143955

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.834 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014818.D

Acq: 25 Jul 2023 22:27

Tgt Ion:180 Resp: 51883

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.7 15.4 46.2

