

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014911.D
 Acq On : 28 Jul 2023 16:07
 Operator : SY/MD
 Sample : VY0727SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Quant Time: Jul 29 03:07:35 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	7.777	168	184162	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	312640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	125038	59.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.160%	
35) Dibromofluoromethane	7.710	113	108899	54.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.440%	
50) Toluene-d8	10.173	98	387874	52.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.477	95	144597	51.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27862	18.570	ug/l	95
3) Chloromethane	2.101	50	40660	24.108	ug/l	96
4) Vinyl Chloride	2.241	62	44201	23.450	ug/l	94
5) Bromomethane	2.613	94	29790	23.915	ug/l	91
6) Chloroethane	2.765	64	27871	23.671	ug/l	98
7) Trichlorofluoromethane	3.101	101	63548	20.074	ug/l	98
8) Diethyl Ether	3.515	74	23763	20.174	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.875	101	35546	18.319	ug/l	96
10) Methyl Iodide	4.076	142	26601	14.689	ug/l	97
11) Tert butyl alcohol	4.960	59	54547	114.835	ug/l	99
12) 1,1-Dichloroethene	3.850	96	33463	18.452	ug/l	95
13) Acrolein	3.716	56	19554	89.147	ug/l	98
14) Allyl chloride	4.460	41	55639	17.279	ug/l	97
15) Acrylonitrile	5.149	53	75859	116.791	ug/l	99
16) Acetone	3.942	43	78207	117.601	ug/l	95
17) Carbon Disulfide	4.174	76	87274	16.809	ug/l	98
18) Methyl Acetate	4.466	43	62345	24.430	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	120518	20.458	ug/l	98
20) Methylene Chloride	4.698	84	53356	22.364	ug/l	89
21) trans-1,2-Dichloroethene	5.198	96	38772	18.839	ug/l	93
22) Diisopropyl ether	6.106	45	122737	18.748	ug/l	93
23) Vinyl Acetate	6.045	43	377527	96.365	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	70624	18.854	ug/l	95
25) 2-Butanone	6.978	43	118101	121.388	ug/l	95
26) 2,2-Dichloropropane	6.966	77	65398	18.319	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	46445	19.388	ug/l	97
28) Bromochloromethane	7.319	49	36045	22.343	ug/l	94
29) Tetrahydrofuran	7.338	42	72864	121.627	ug/l	92
30) Chloroform	7.496	83	76818	19.887	ug/l	98
31) Cyclohexane	7.771	56	57735	16.573	ug/l #	87
32) 1,1,1-Trichloroethane	7.691	97	64606	18.583	ug/l	99
36) 1,1-Dichloropropene	7.911	75	52137	17.518	ug/l	98
37) Ethyl Acetate	7.063	43	46532	22.708	ug/l #	94
38) Carbon Tetrachloride	7.886	117	56676	18.014	ug/l	99
39) Methylcyclohexane	9.173	83	62681	16.165	ug/l	93
40) Benzene	8.148	78	159341	18.824	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	65134	61.797	ug/l #	31
42) 1,2-Dichloroethane	8.228	62	54871	20.470	ug/l	95
43) Isopropyl Acetate	8.264	43	80477	20.617	ug/l	97
44) Trichloroethene	8.929	130	45328	19.139	ug/l	98
45) 1,2-Dichloropropane	9.209	63	41186	18.634	ug/l	97
46) Dibromomethane	9.295	93	27528	20.530	ug/l	96
47) Bromodichloromethane	9.490	83	59854	18.939	ug/l	95
48) Methyl methacrylate	9.282	41	35362	20.133	ug/l	93
49) 1,4-Dioxane	9.295	88	10786	493.314	ug/l #	64
51) 4-Methyl-2-Pentanone	10.063	43	233546	113.953	ug/l	94
52) Toluene	10.233	92	101201	18.684	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	61617	17.824	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	67411	17.932	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	38913	20.833	ug/l	94
56) Ethyl methacrylate	10.502	69	56548	19.829	ug/l	91
57) 1,3-Dichloropropane	10.782	76	64304	19.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	142251	107.053	ug/l	93
59) 2-Hexanone	10.825	43	173609	116.158	ug/l	92
60) Dibromochloromethane	10.977	129	44540	19.449	ug/l	99
61) 1,2-Dibromoethane	11.081	107	38090	20.442	ug/l	100
64) Tetrachloroethene	10.709	164	46897	20.426	ug/l	97
65) Chlorobenzene	11.508	112	112245	18.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.581	131	42221	18.407	ug/l	98
67) Ethyl Benzene	11.587	91	195141	17.766	ug/l	100
68) m/p-Xylenes	11.697	106	150822	35.972	ug/l	95
69) o-Xylene	12.026	106	73718	18.051	ug/l	98
70) Styrene	12.038	104	126696	18.407	ug/l	96
71) Bromoform	12.203	173	29664	19.080	ug/l #	99
73) Isopropylbenzene	12.325	105	191824	16.823	ug/l	100
74) N-amyl acetate	12.136	43	69528	18.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	49368	18.985	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	64743	35.201	ug/l #	100
77) Bromobenzene	12.599	156	46917	18.025	ug/l	96
78) n-propylbenzene	12.666	91	228833	16.654	ug/l	100
79) 2-Chlorotoluene	12.751	91	132507	16.743	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	160230	16.826	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	15747	16.577	ug/l	98
82) 4-Chlorotoluene	12.849	91	138501	16.992	ug/l	100
83) tert-Butylbenzene	13.068	119	138390	16.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.111	105	162203	17.356	ug/l	99
85) sec-Butylbenzene	13.245	105	207046	16.708	ug/l	99
86) p-Isopropyltoluene	13.361	119	174655	17.263	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	93128	18.384	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	94257	18.568	ug/l	97
89) n-Butylbenzene	13.690	91	164025	16.664	ug/l	97
90) Hexachloroethane	13.952	117	32786	15.777	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	86574	18.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10320	20.753	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	55331	18.780	ug/l	98
94) Hexachlorobutadiene	15.105	225	28777	17.774	ug/l	96
95) Naphthalene	15.226	128	138855	20.229	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	50110	19.137	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

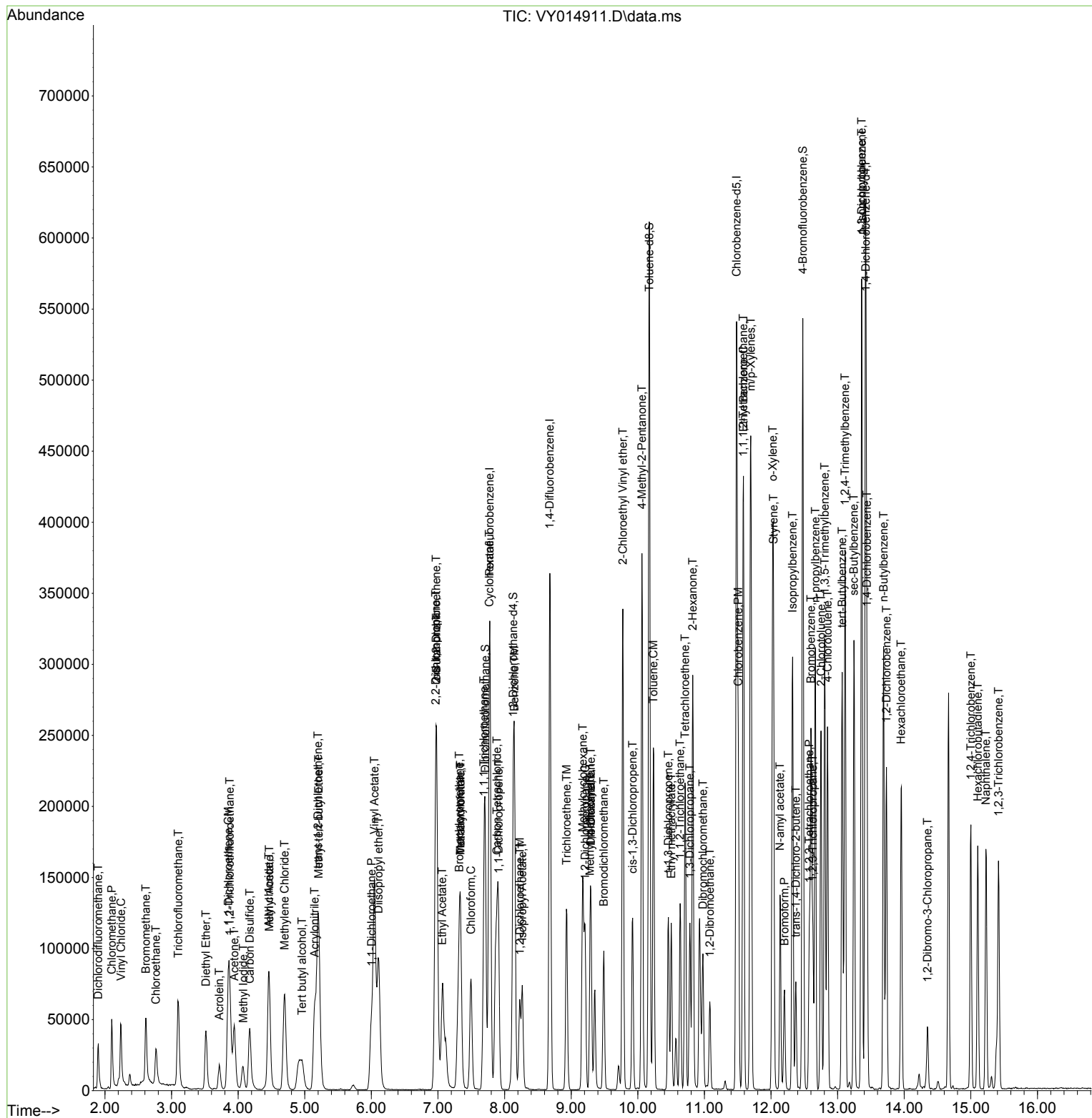
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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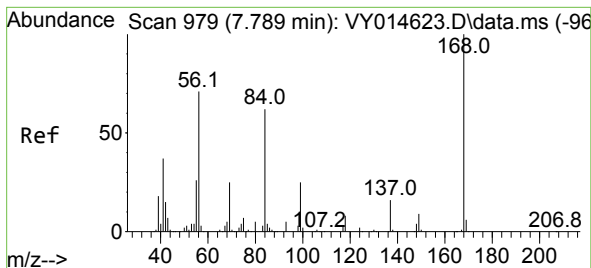
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

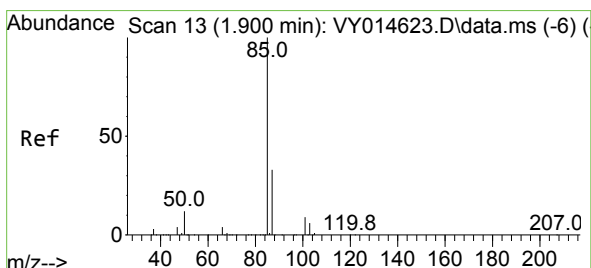
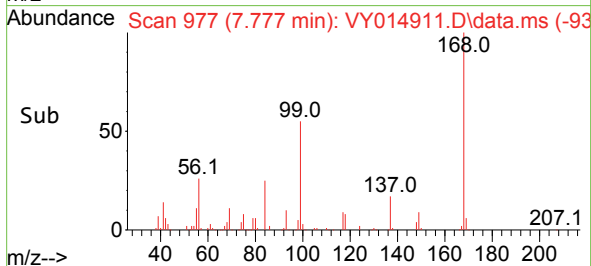
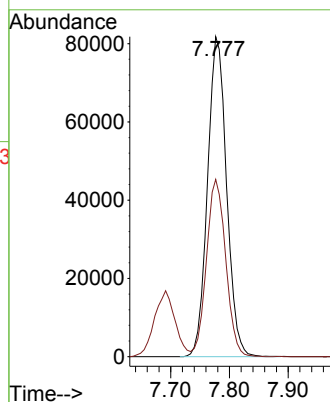
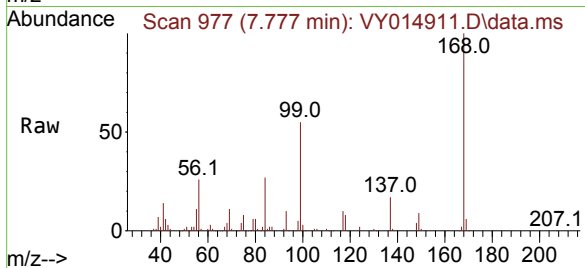
VY0728SBS04

Tgt Ion:168 Resp: 184162

Ion Ratio Lower Upper

168 100

99 55.3 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 18.570 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY014911.D

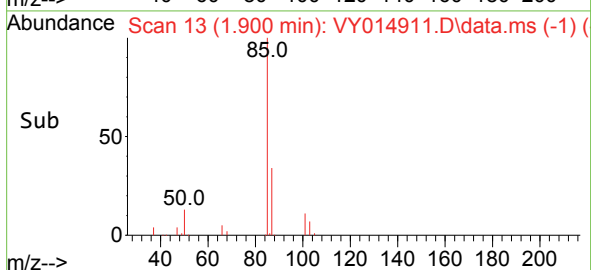
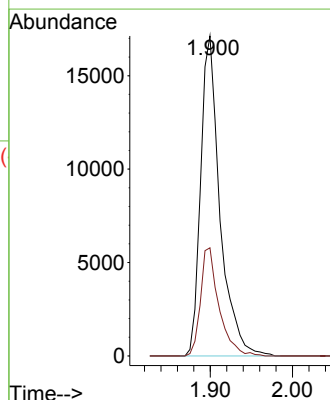
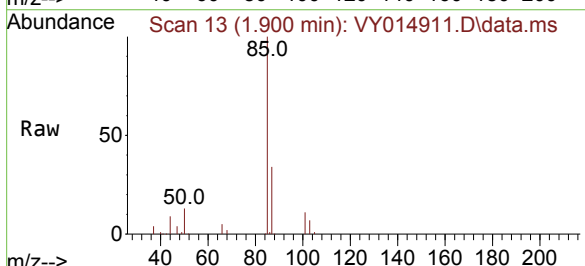
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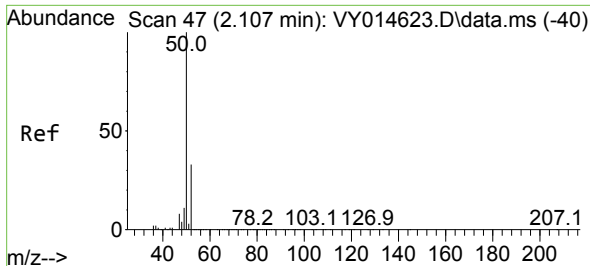
Tgt Ion: 85 Resp: 27862

Ion Ratio Lower Upper

85 100

87 33.8 15.6 46.8

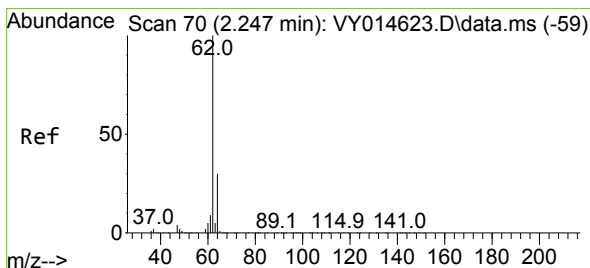
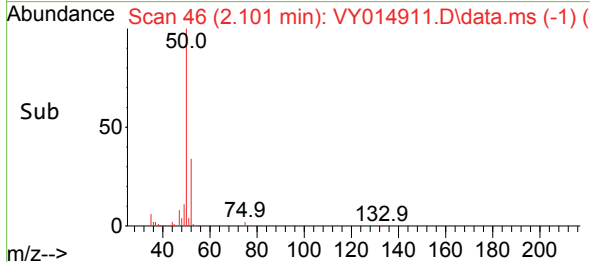
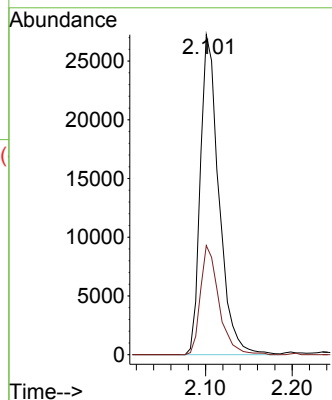
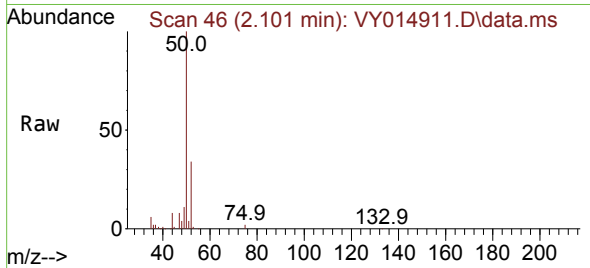




#3
Chloromethane
Concen: 24.108 ug/l
RT: 2.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

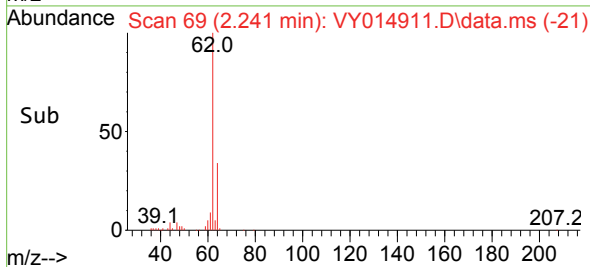
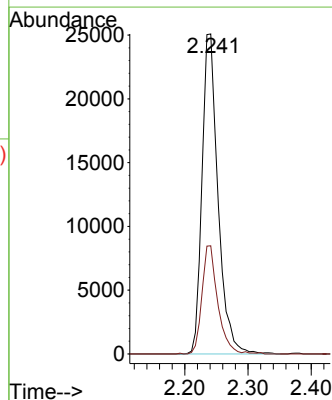
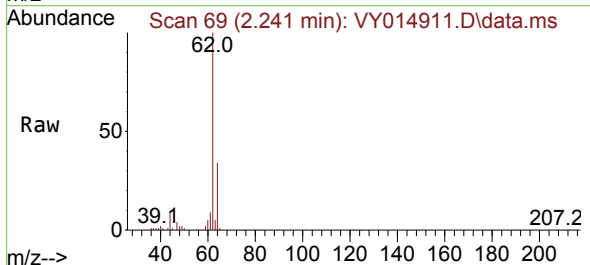
Instrument :
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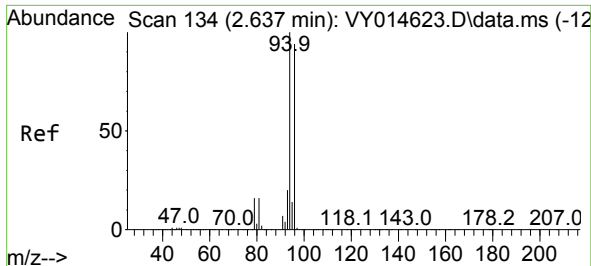
Tgt Ion: 50 Resp: 40660
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 23.450 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 62 Resp: 44201
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5

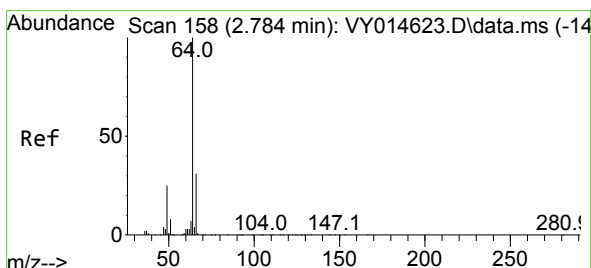
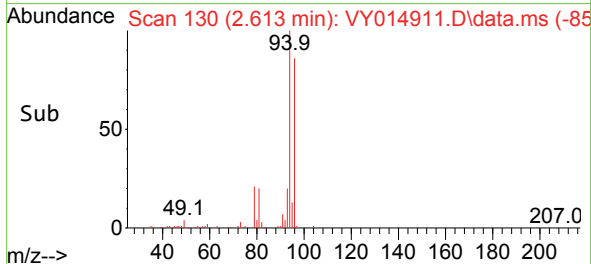
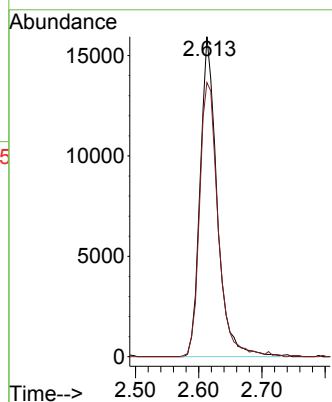
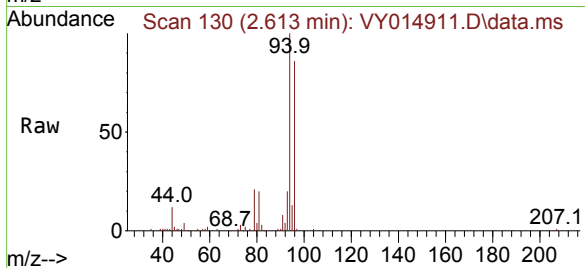




#5
Bromomethane
Concen: 23.915 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

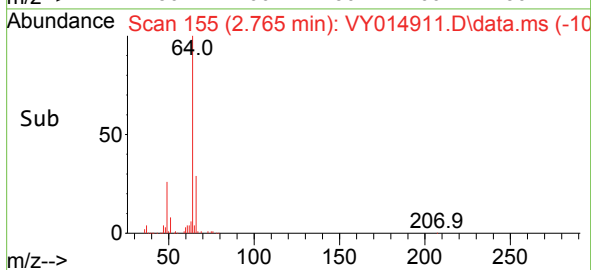
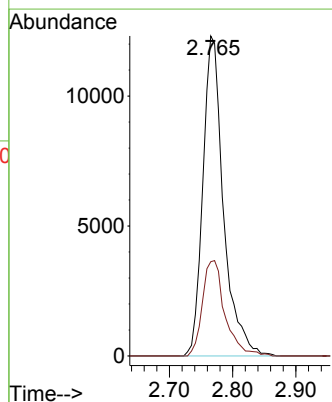
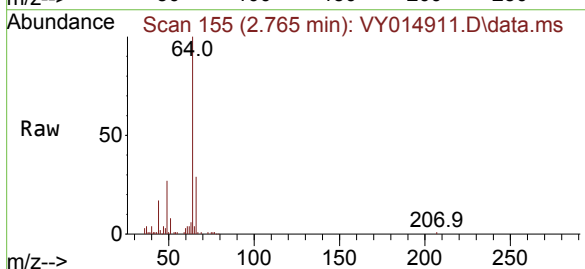
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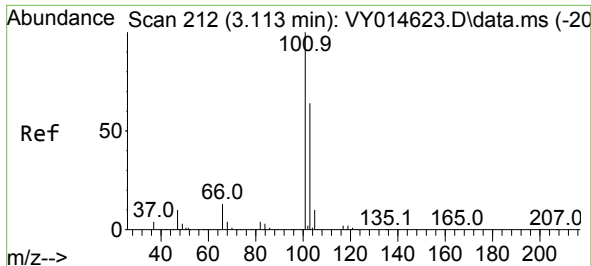
Tgt Ion: 94 Resp: 29790
Ion Ratio Lower Upper
94 100
96 85.7 75.8 113.6



#6
Chloroethane
Concen: 23.671 ug/l
RT: 2.765 min Scan# 155
Delta R.T. -0.019 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 64 Resp: 27871
Ion Ratio Lower Upper
64 100
66 29.5 24.4 36.6

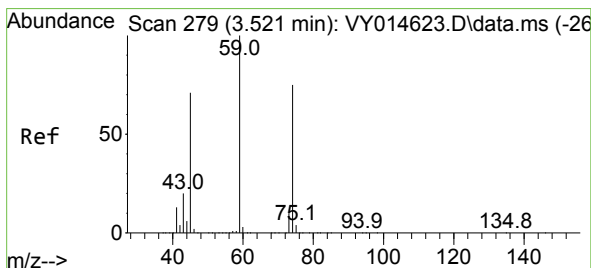
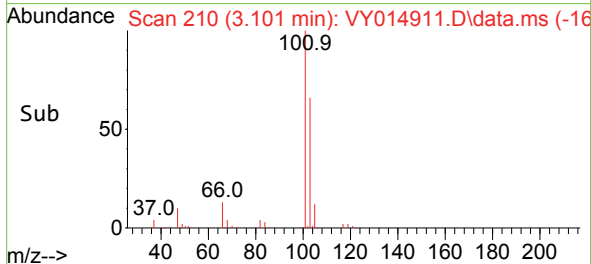
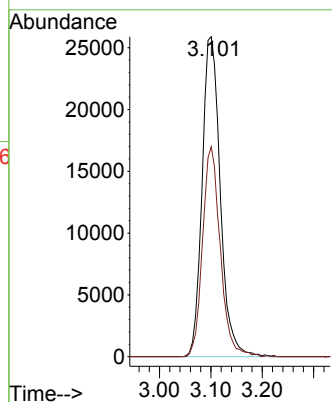
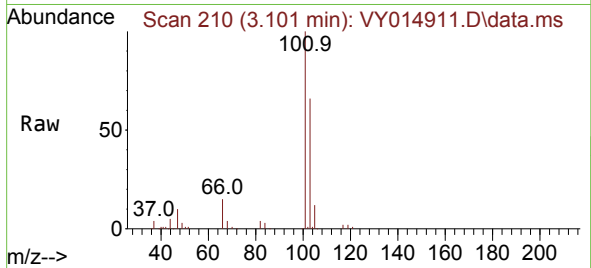




#7
 Trichlorofluoromethane
 Concen: 20.074 ug/l
 RT: 3.101 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

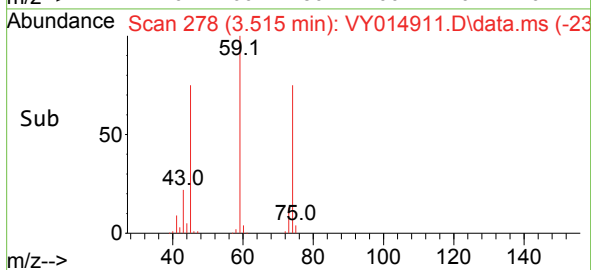
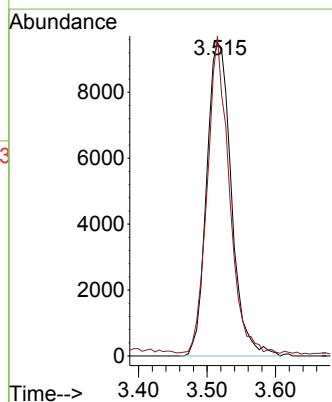
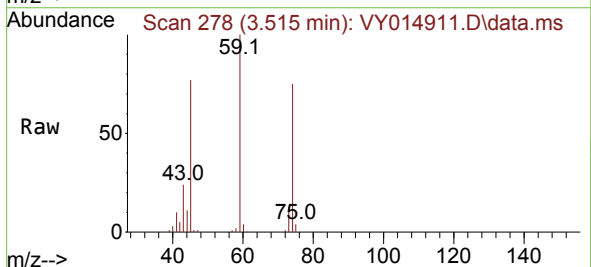
Instrument :
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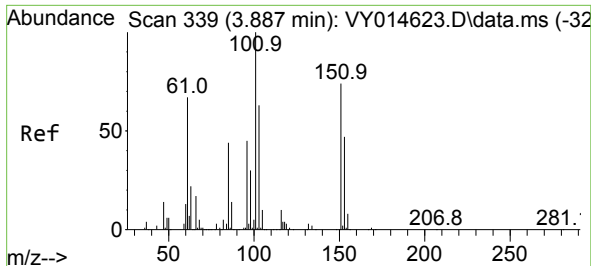
Tgt Ion:101 Resp: 63548
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.174 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

Tgt Ion: 74 Resp: 23763
 Ion Ratio Lower Upper
 74 100
 45 89.8 51.5 154.5

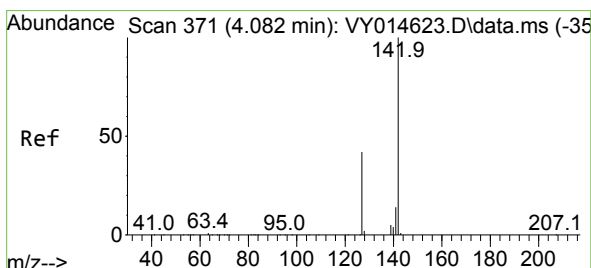
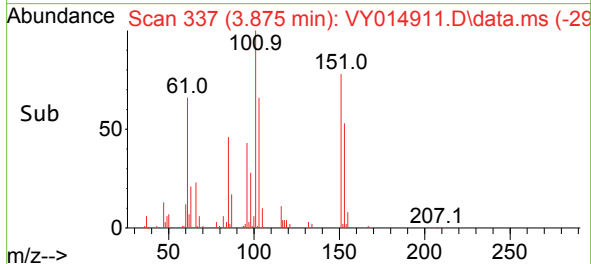
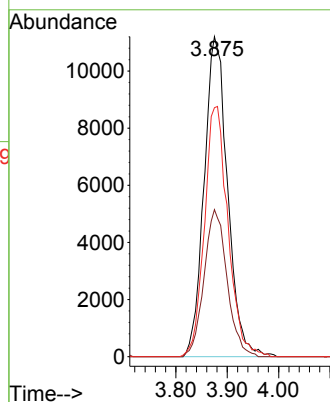
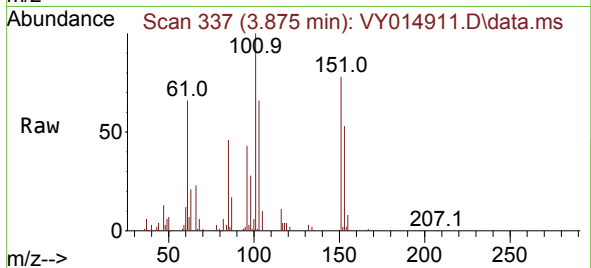




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.319 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

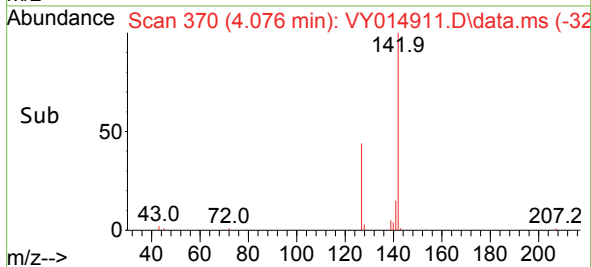
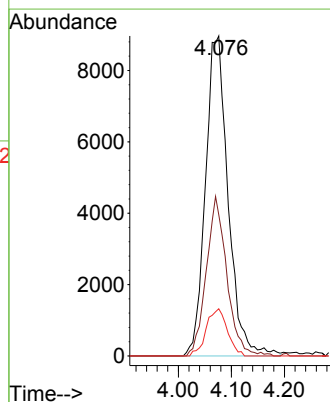
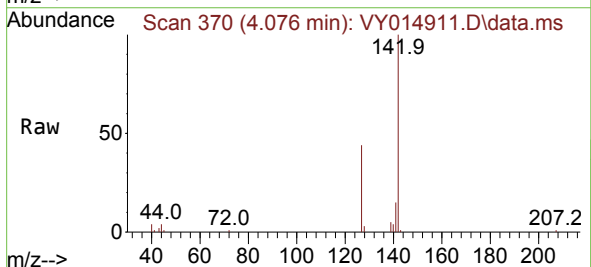
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

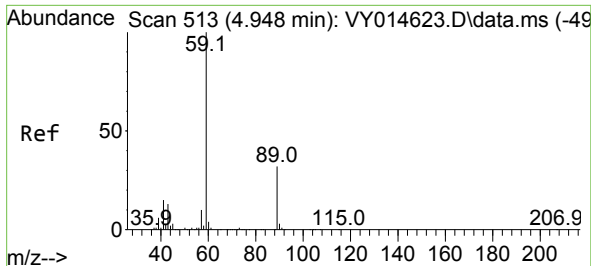
Tgt Ion:101 Resp: 35546
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 14.689 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:142 Resp: 26601
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 13.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 114.835 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

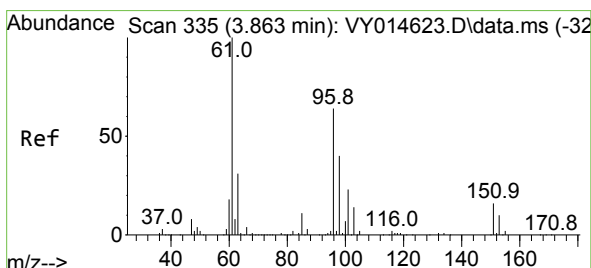
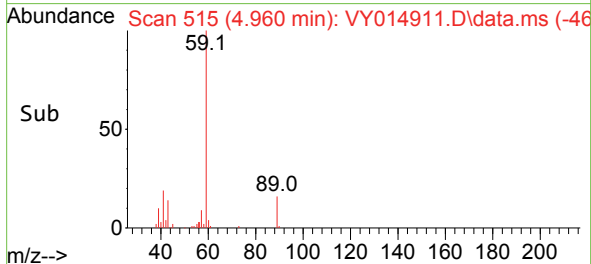
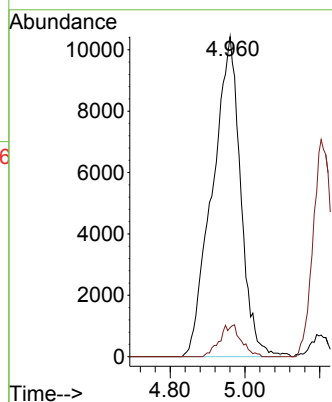
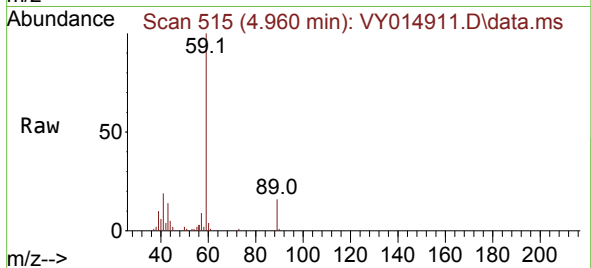
VY0728SBS04

Tgt Ion: 59 Resp: 54547

Ion Ratio Lower Upper

59 100

57 3.4 3.0 4.4



#12

1,1-Dichloroethene

Concen: 18.452 ug/l

RT: 3.850 min Scan# 333

Delta R.T. -0.013 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

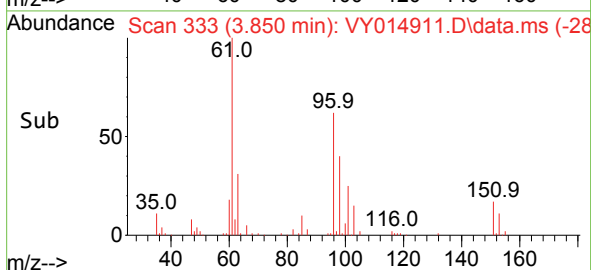
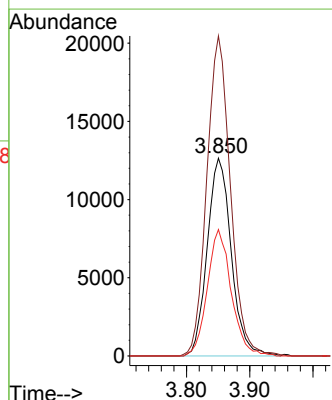
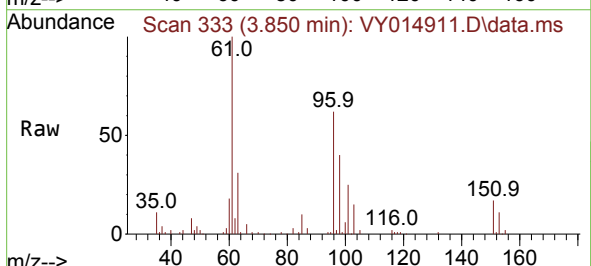
Tgt Ion: 96 Resp: 33463

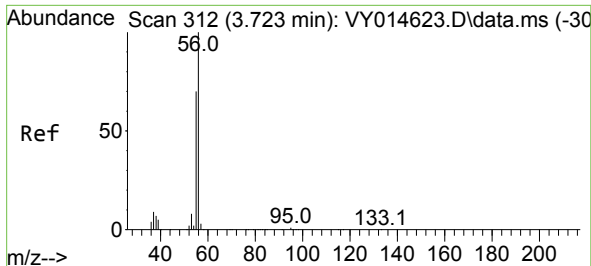
Ion Ratio Lower Upper

96 100

61 161.8 136.4 204.6

98 63.9 49.4 74.2





#13

Acrolein

Concen: 89.147 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

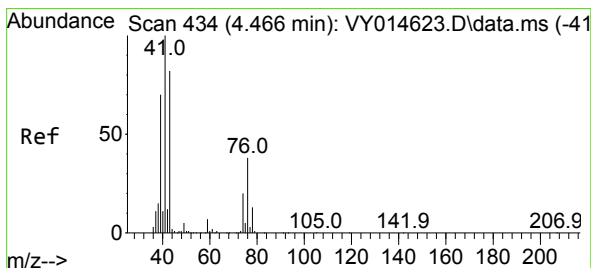
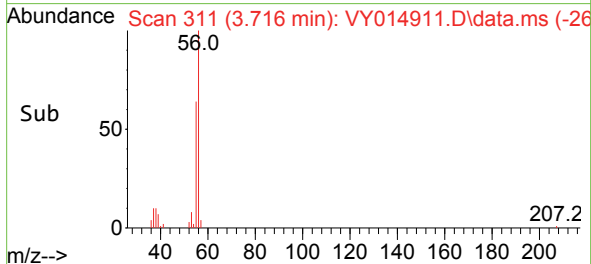
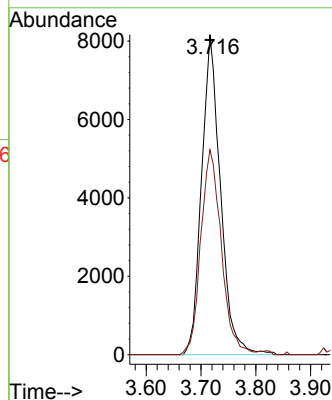
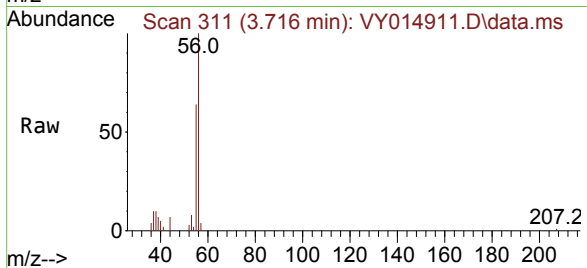
VY0728SBS04

Tgt Ion: 56 Resp: 19554

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 17.279 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

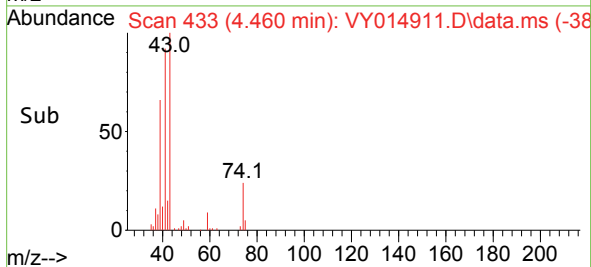
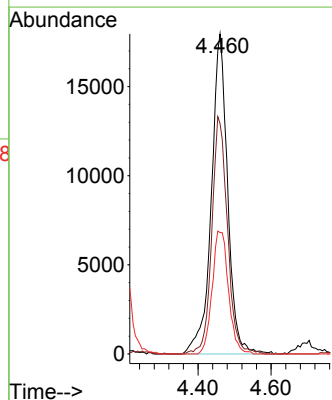
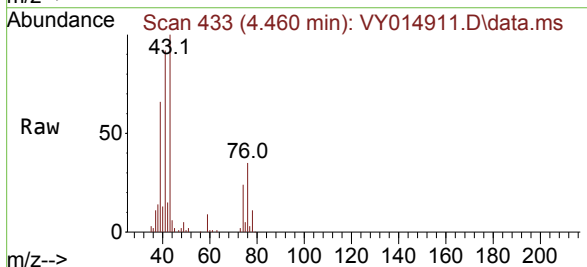
Tgt Ion: 41 Resp: 55639

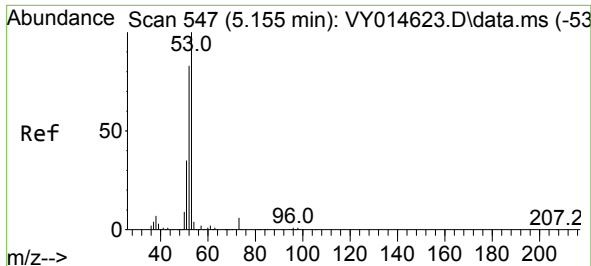
Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

76 38.2 27.4 41.2

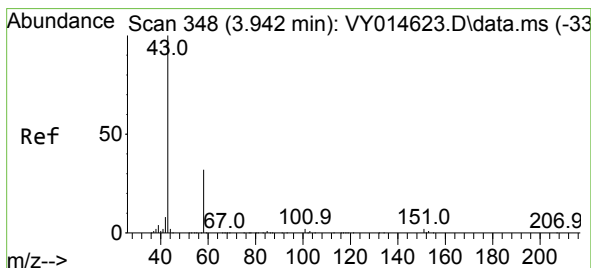
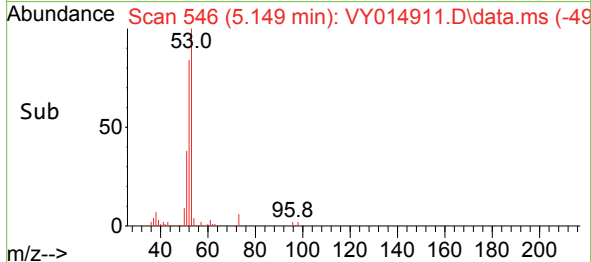
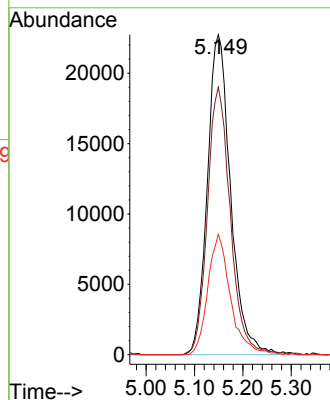
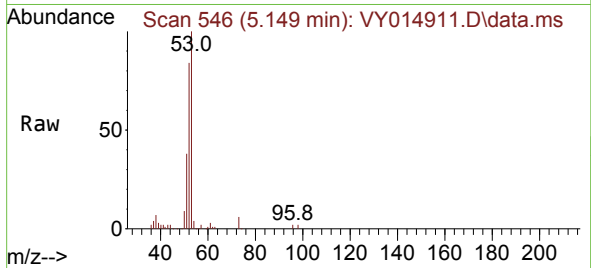




#15
Acrylonitrile
Concen: 116.791 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

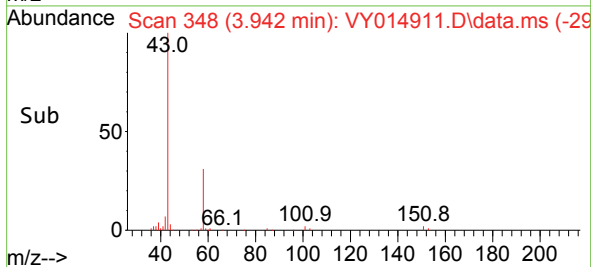
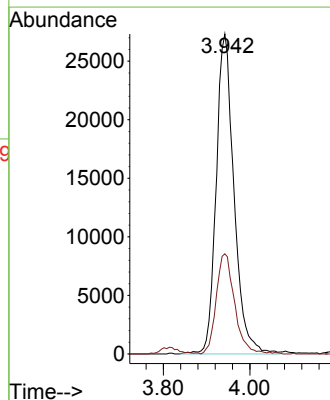
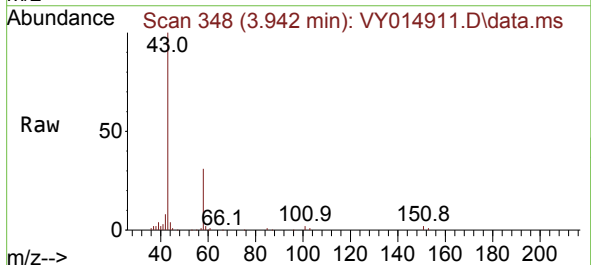
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

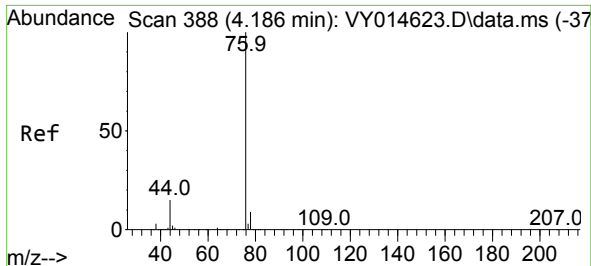
Tgt Ion: 53 Resp: 75859
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 117.601 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 43 Resp: 78207
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

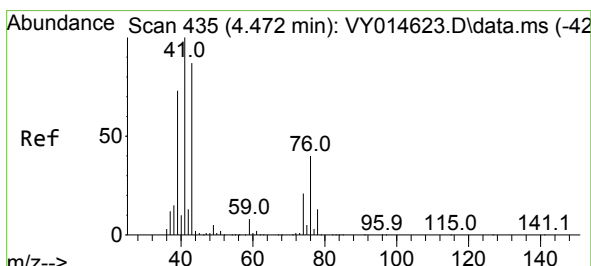
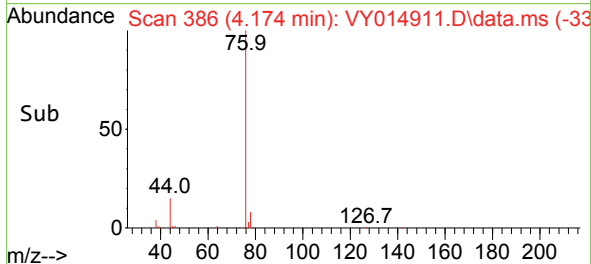
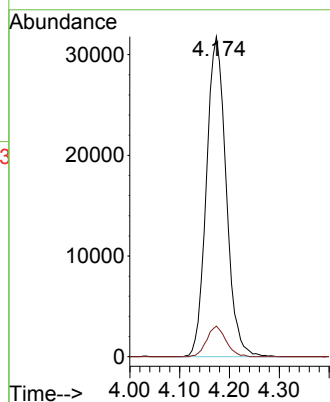
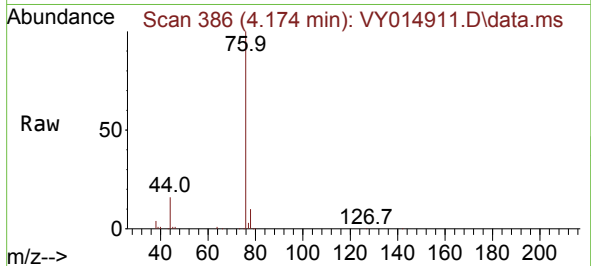




#17
Carbon Disulfide
Concen: 16.809 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

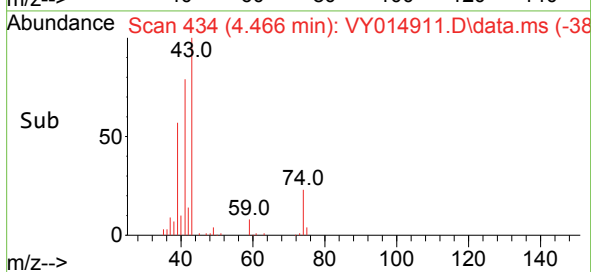
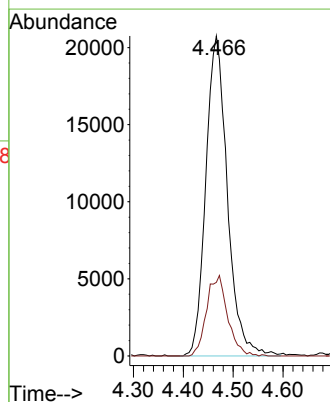
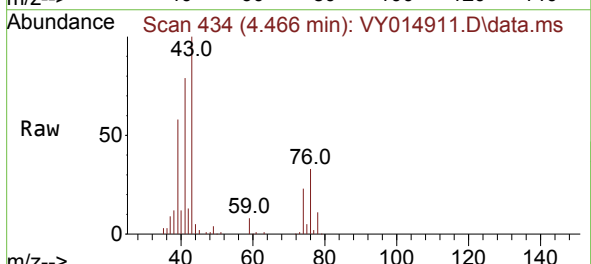
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

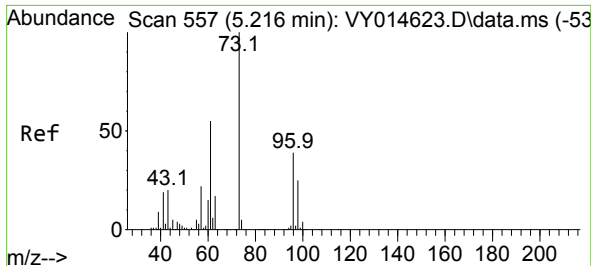
Tgt Ion: 76 Resp: 87274
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 24.430 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 43 Resp: 62345
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.458 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

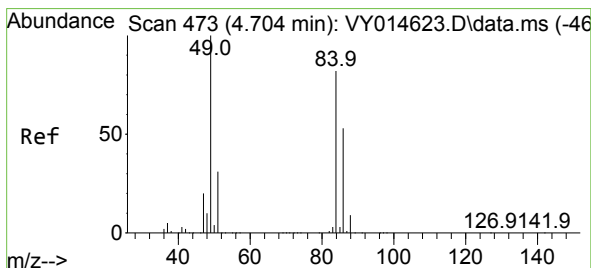
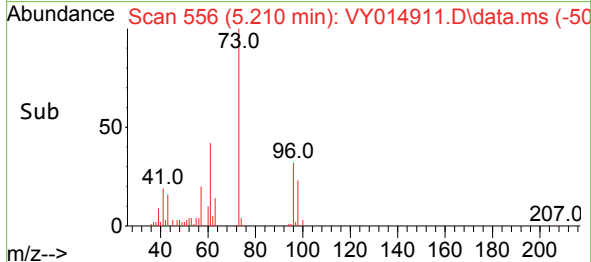
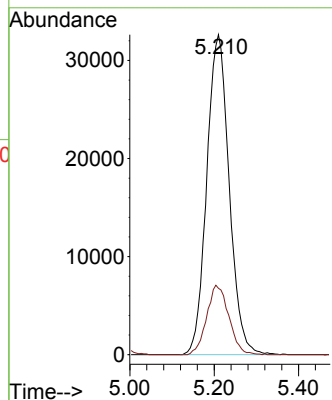
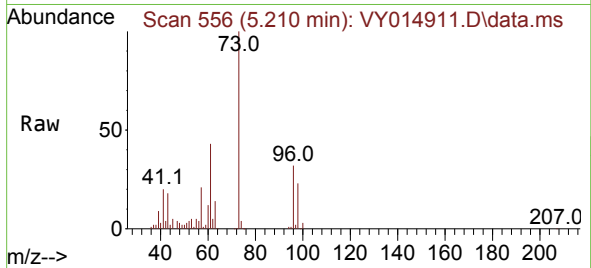
VY0728SBS04

Tgt Ion: 73 Resp: 120518

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 22.364 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion: 84 Resp: 53356

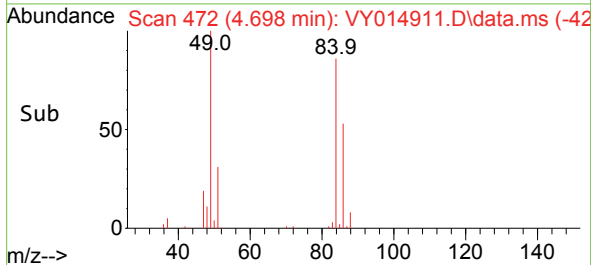
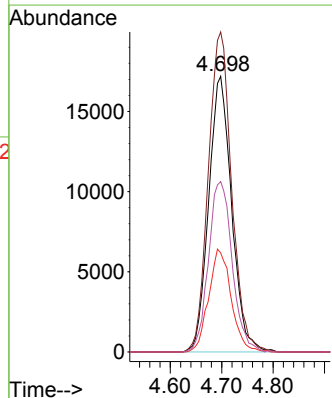
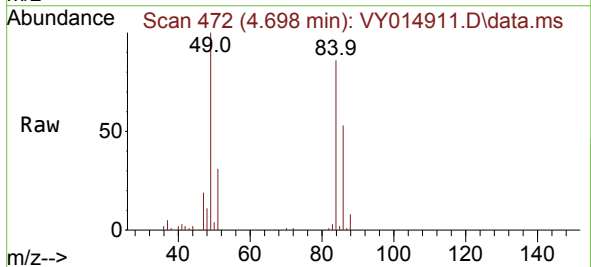
Ion Ratio Lower Upper

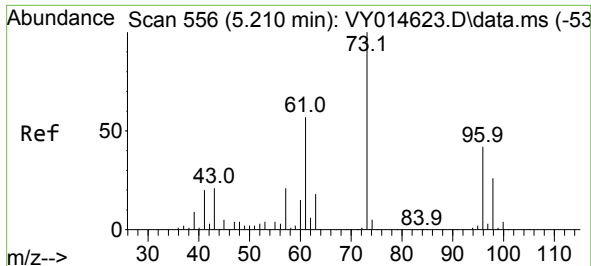
84 100

49 116.0 106.9 160.3

51 35.9 33.2 49.8

86 61.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.839 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

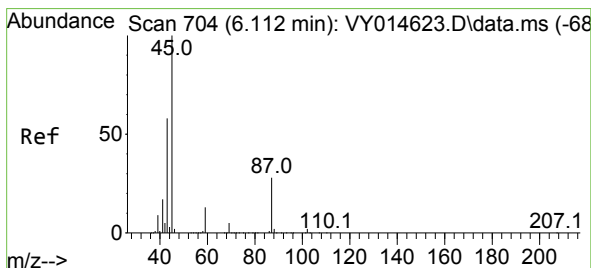
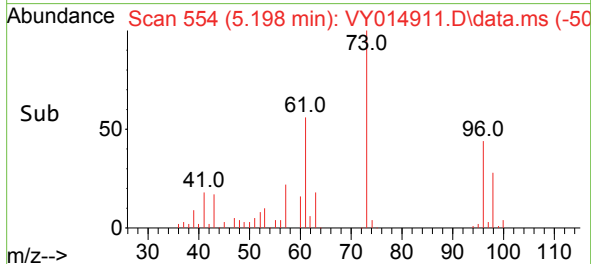
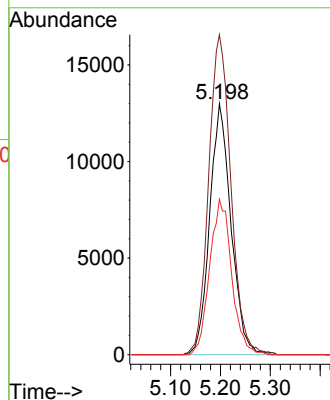
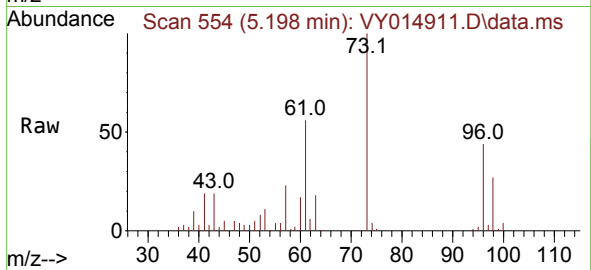
Tgt Ion: 96 Resp: 38772

Ion Ratio Lower Upper

96 100

61 127.5 110.2 165.4

98 61.9 51.8 77.6



#22

Diisopropyl ether

Concen: 18.748 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion: 45 Resp: 122737

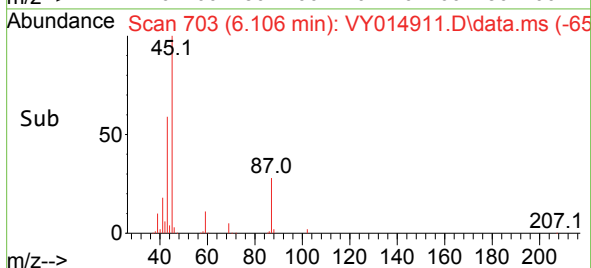
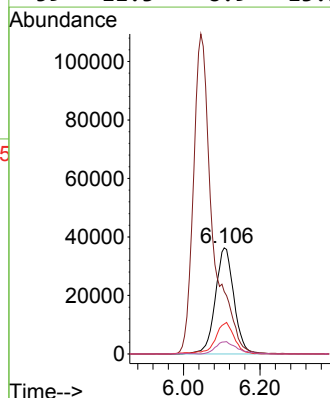
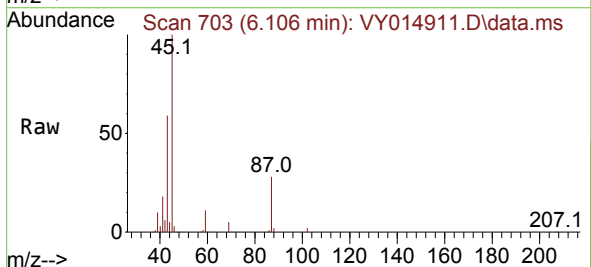
Ion Ratio Lower Upper

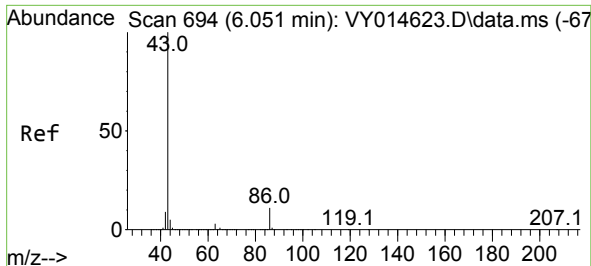
45 100

43 58.4 52.2 78.4

87 28.2 21.0 31.6

59 11.3 8.9 13.3

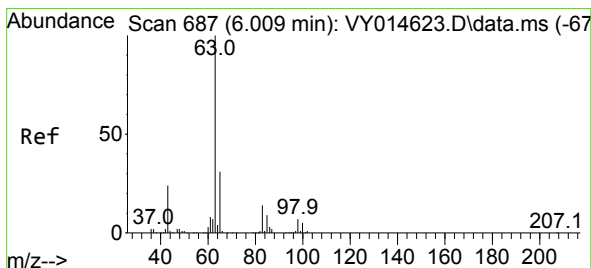
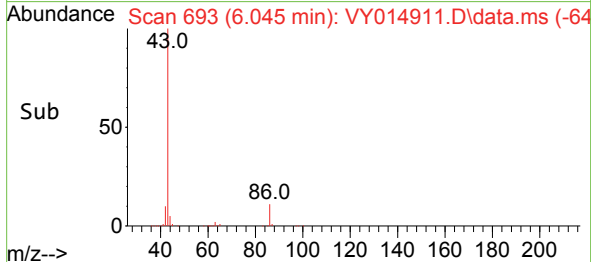
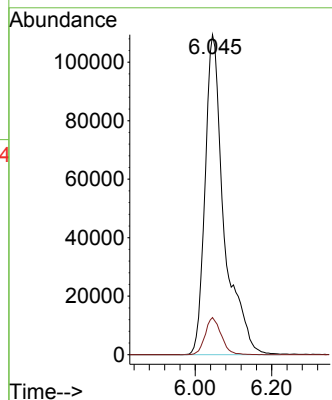
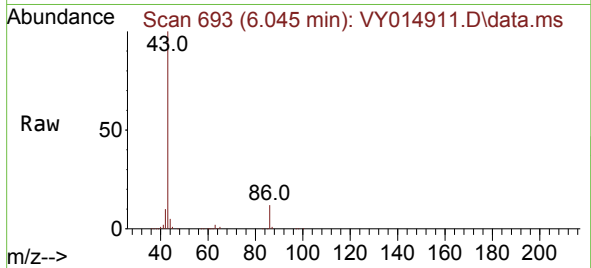




#23
 Vinyl Acetate
 Concen: 96.365 ug/l
 RT: 6.045 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

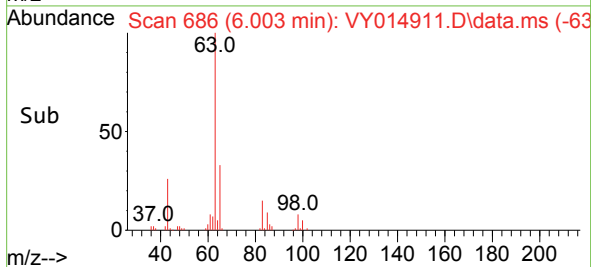
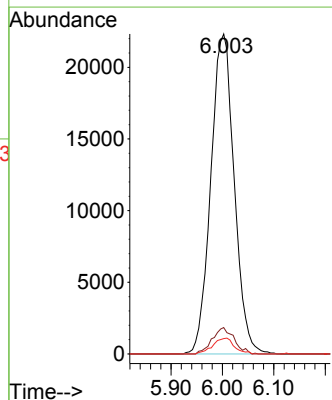
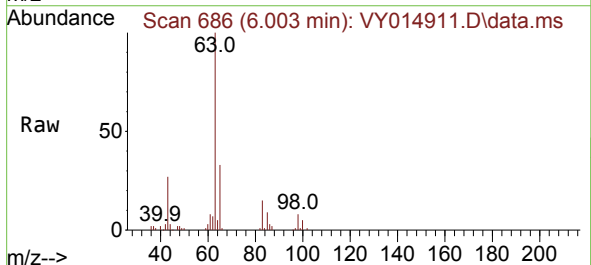
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

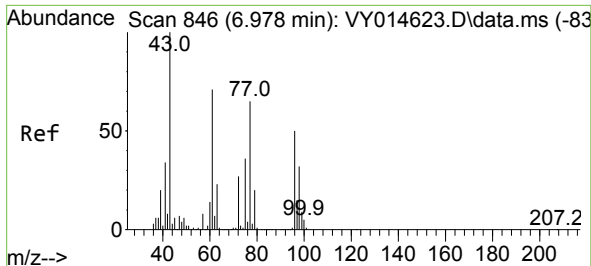
Tgt Ion: 43 Resp: 377527
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.854 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

Tgt Ion: 63 Resp: 70624
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 121.388 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

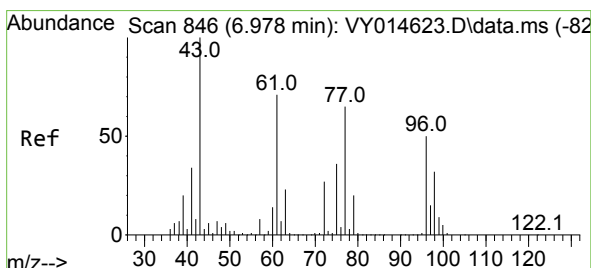
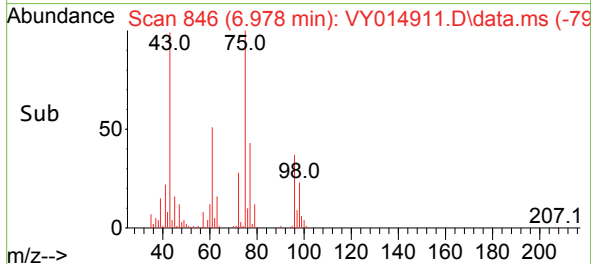
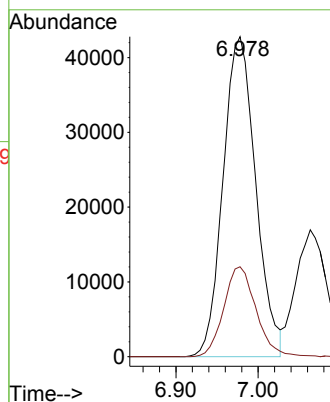
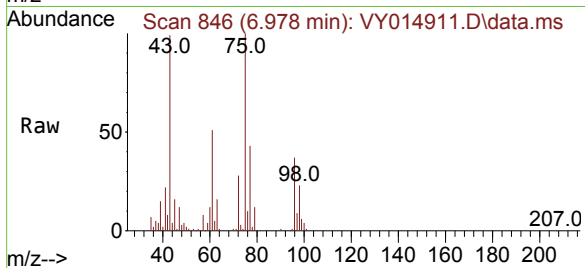
VY0728SBS04

Tgt Ion: 43 Resp: 118101

Ion Ratio Lower Upper

43 100

72 28.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.319 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY014911.D

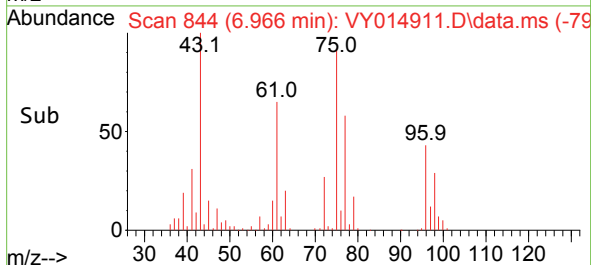
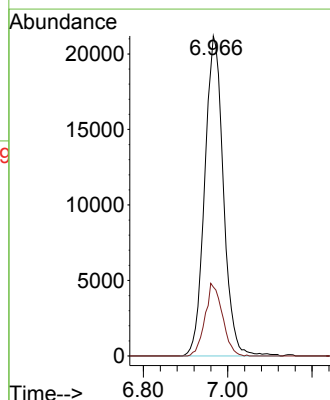
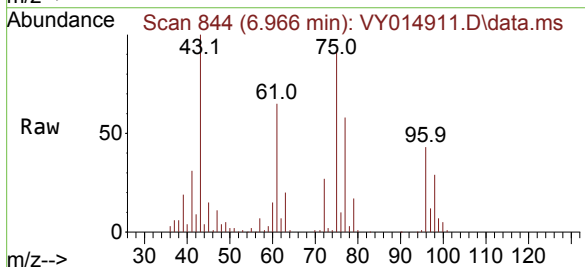
Acq: 28 Jul 2023 16:07

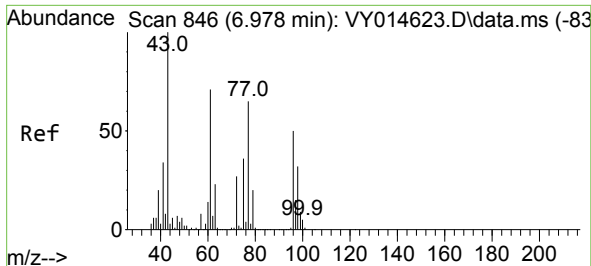
Tgt Ion: 77 Resp: 65398

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.388 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

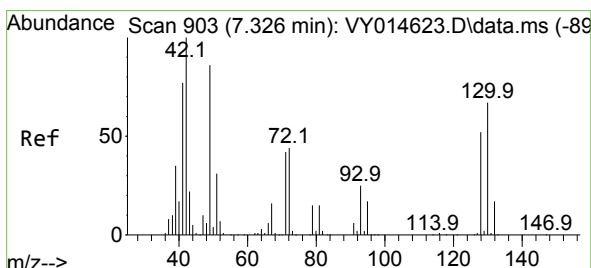
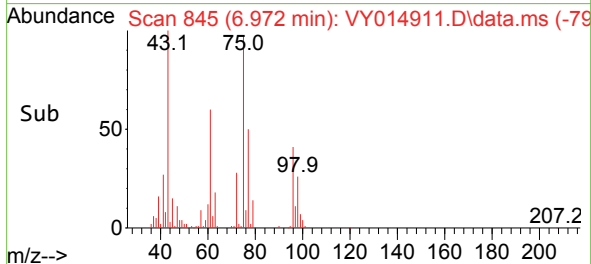
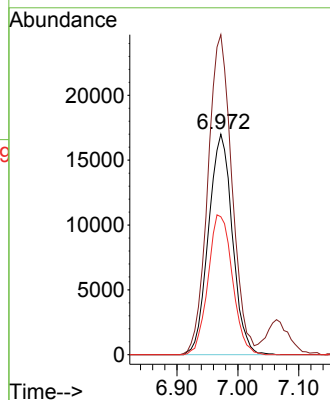
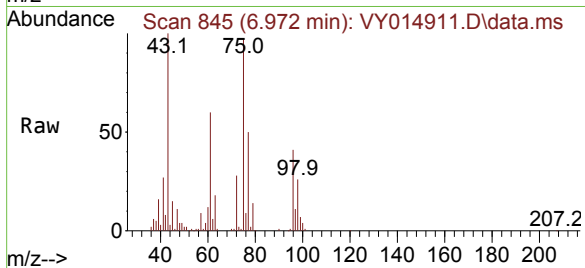
Tgt Ion: 96 Resp: 46445

Ion Ratio Lower Upper

96 100

61 145.8 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 22.343 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

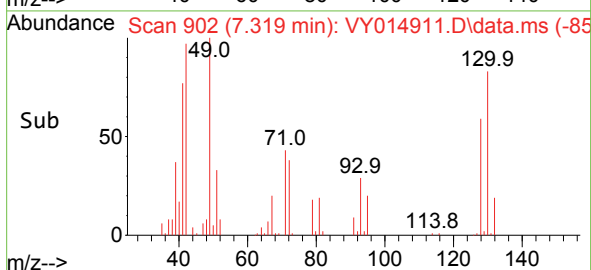
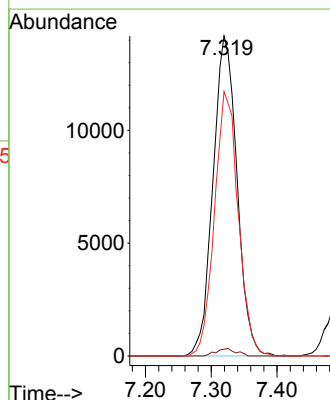
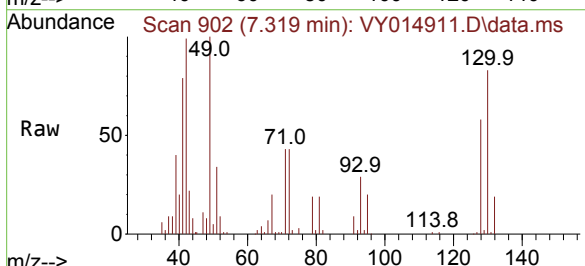
Tgt Ion: 49 Resp: 36045

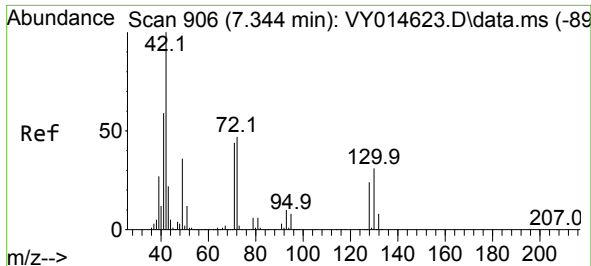
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 121.627 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

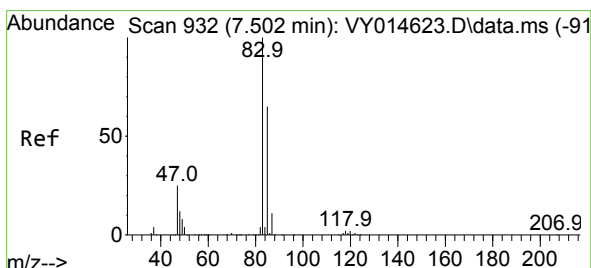
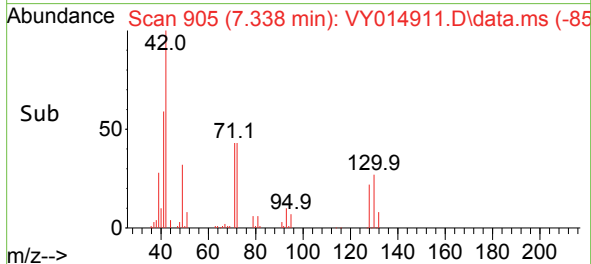
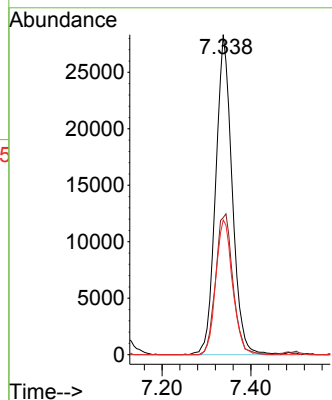
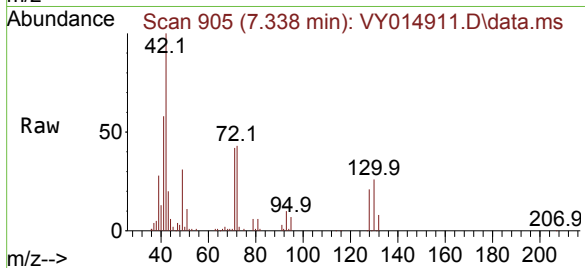
Tgt Ion: 42 Resp: 72864

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 19.887 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY014911.D

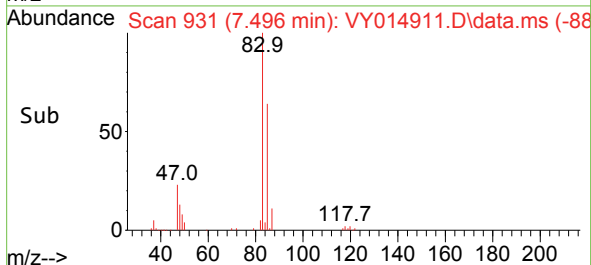
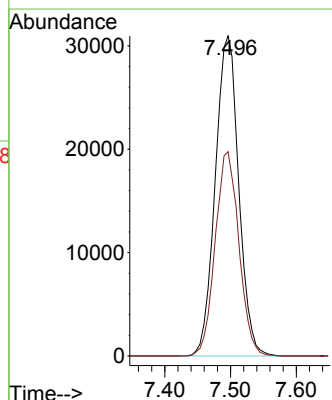
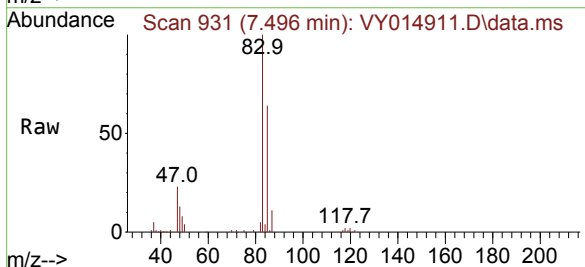
Acq: 28 Jul 2023 16:07

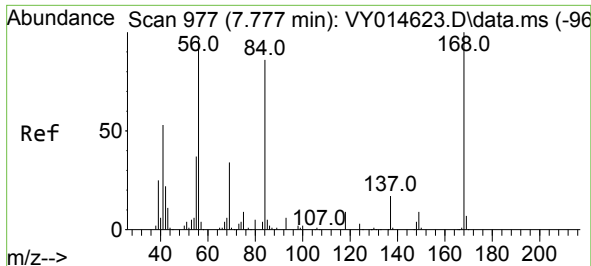
Tgt Ion: 83 Resp: 76818

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

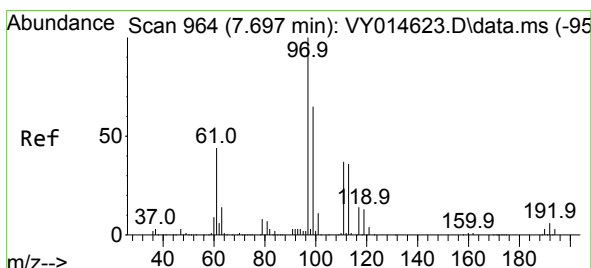
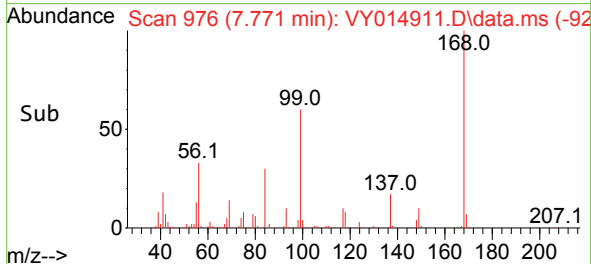
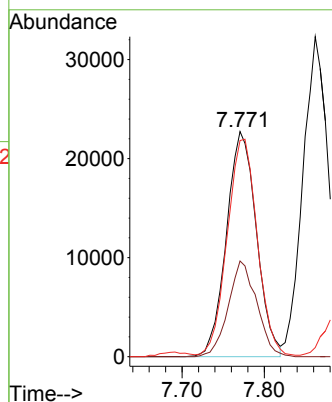
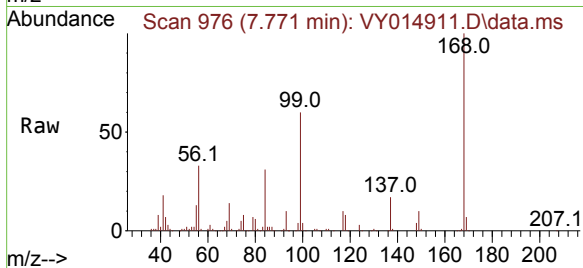




#31
Cyclohexane
Concen: 16.573 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

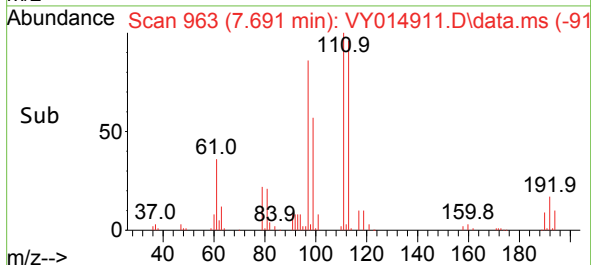
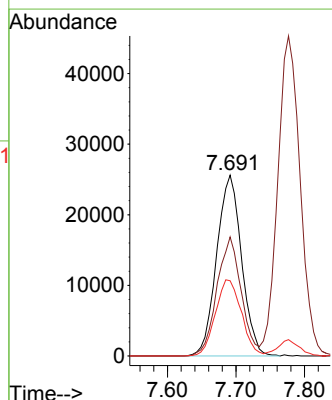
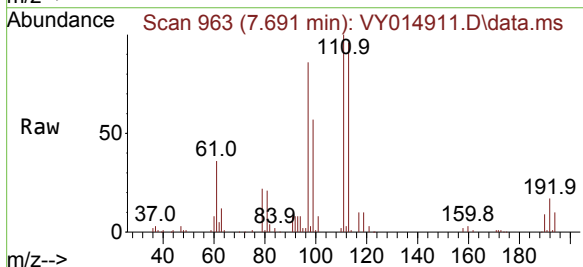
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

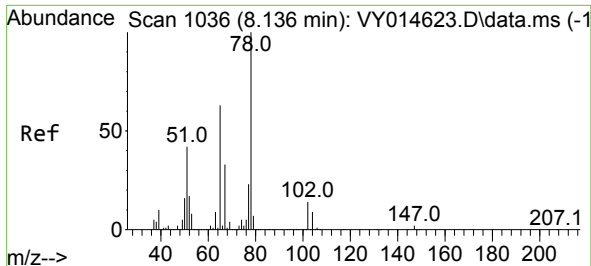
Tgt Ion: 56 Resp: 57735
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.6#
84 94.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.583 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 97 Resp: 64606
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 59.582 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

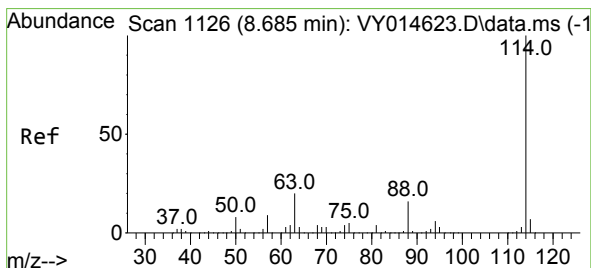
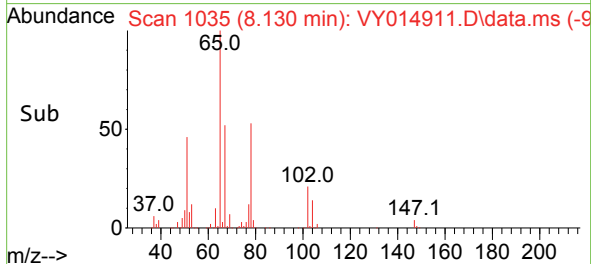
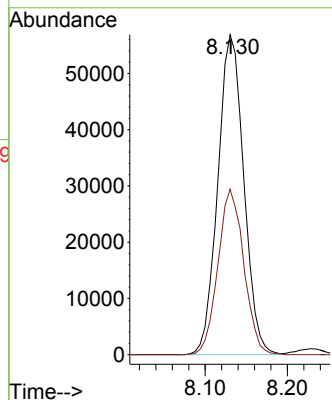
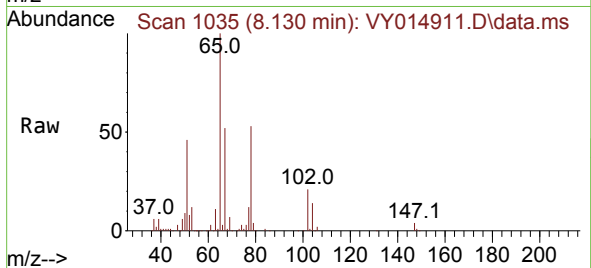
VY0728SBS04

Tgt Ion: 65 Resp: 125038

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

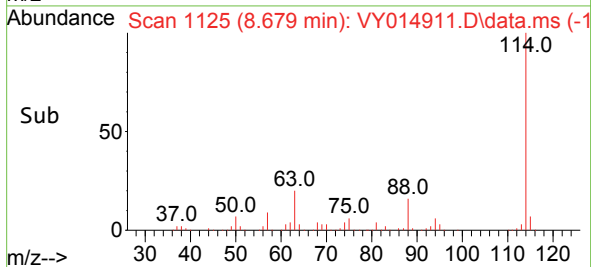
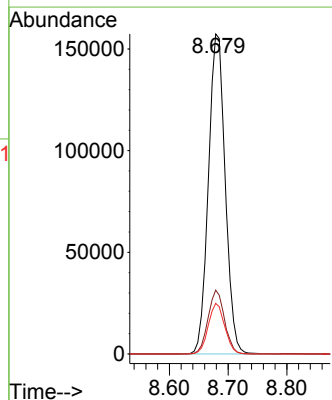
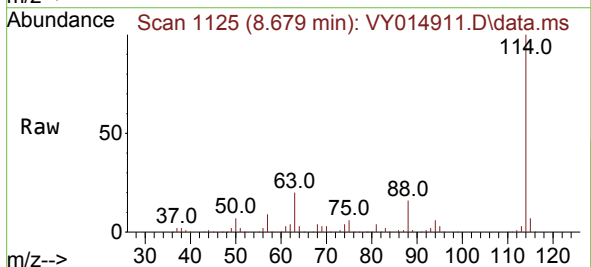
Tgt Ion: 114 Resp: 312640

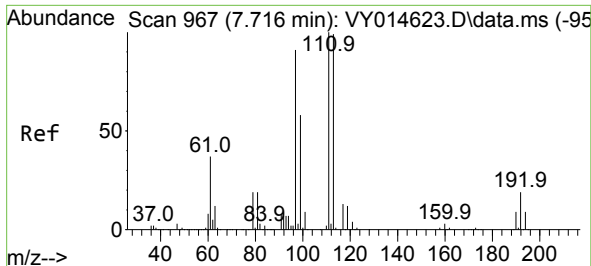
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.8 0.0 30.6

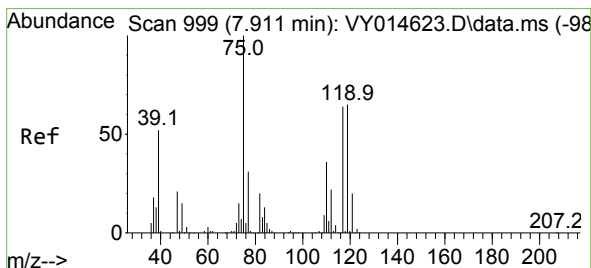
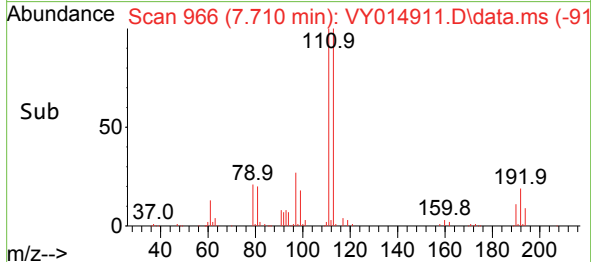
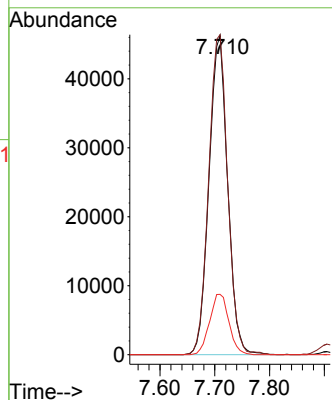
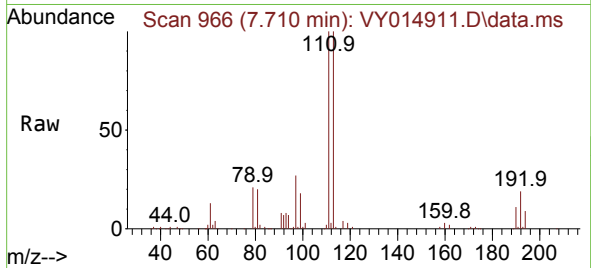




#35
Dibromofluoromethane
Concen: 54.718 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

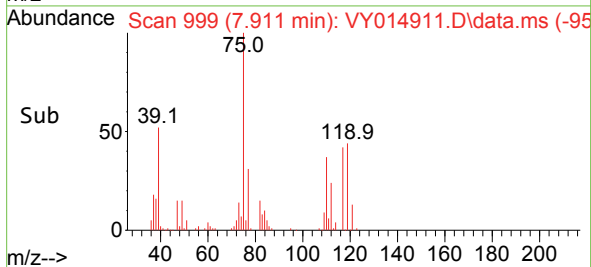
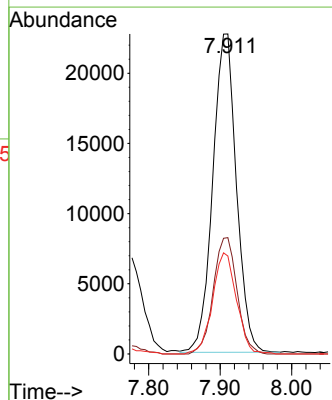
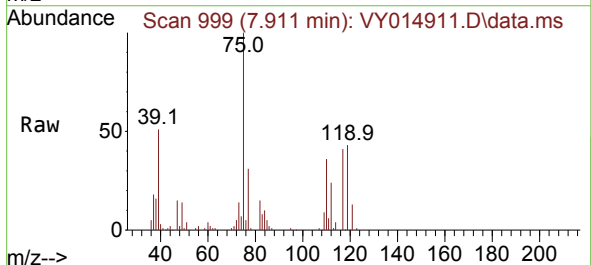
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

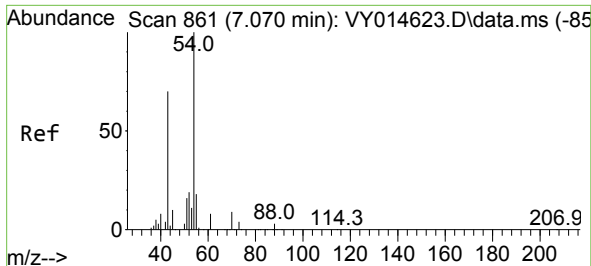
Tgt Ion:113 Resp: 108899
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.518 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 75 Resp: 52137
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 22.708 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

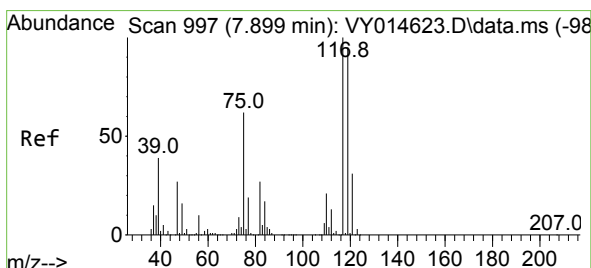
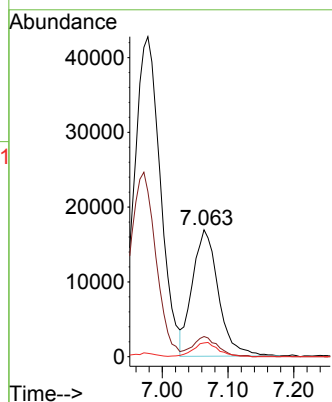
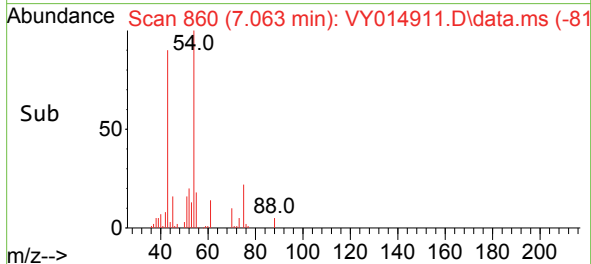
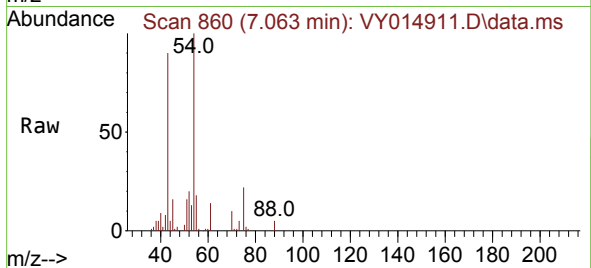
Tgt Ion: 43 Resp: 46532

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.014 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.013 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

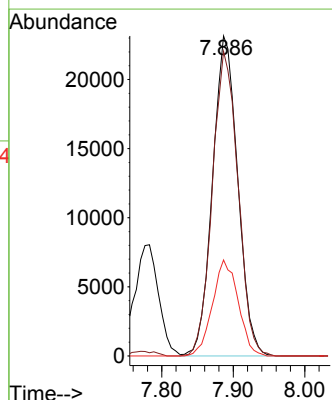
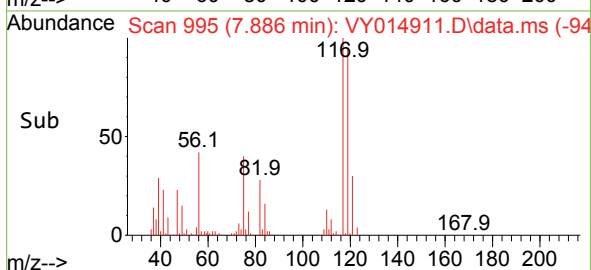
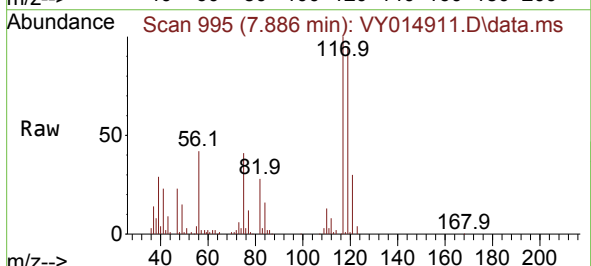
Tgt Ion: 117 Resp: 56676

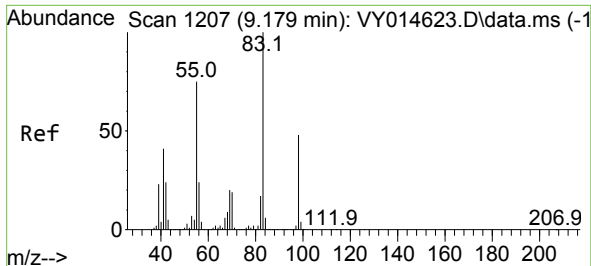
Ion Ratio Lower Upper

117 100

119 95.2 76.4 114.6

121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 16.165 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

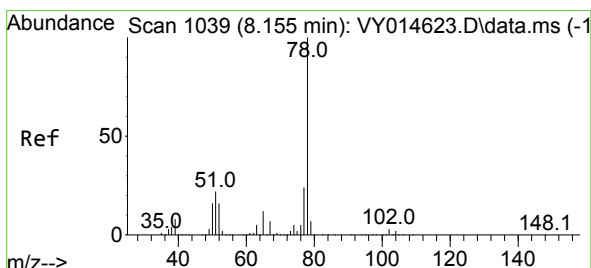
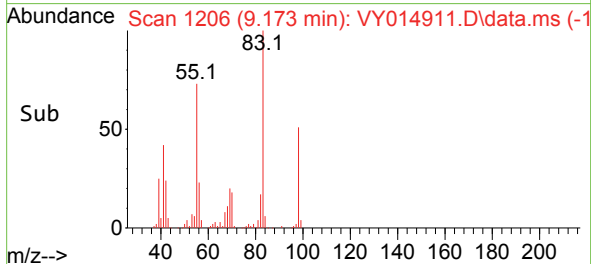
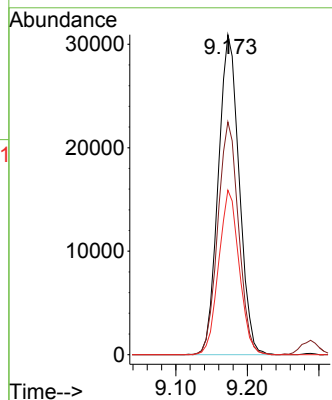
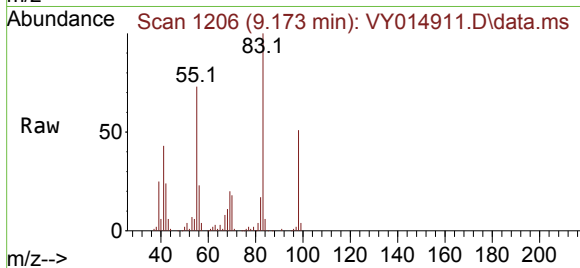
Tgt Ion: 83 Resp: 62681

Ion Ratio Lower Upper

83 100

55 72.8 63.0 94.4

98 51.4 37.4 56.2



#40

Benzene

Concen: 18.824 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.007 min

Lab File: VY014911.D

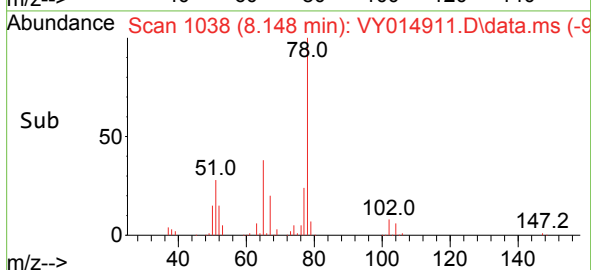
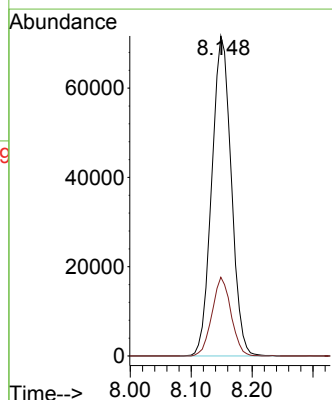
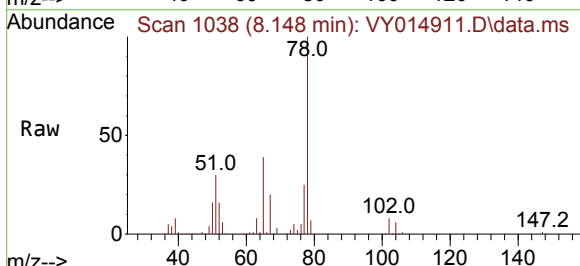
Acq: 28 Jul 2023 16:07

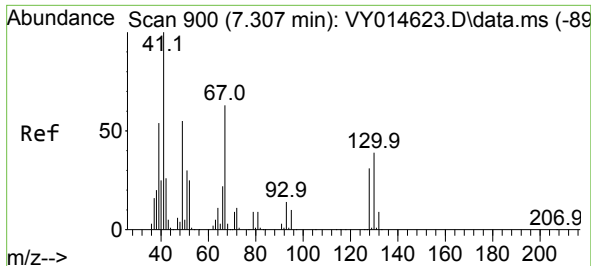
Tgt Ion: 78 Resp: 159341

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

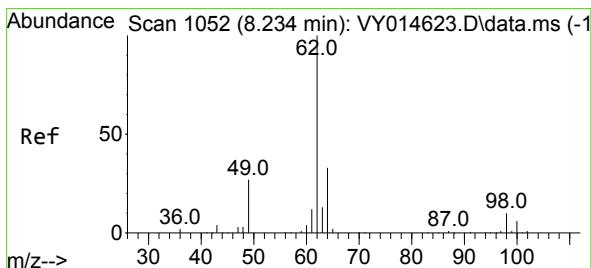
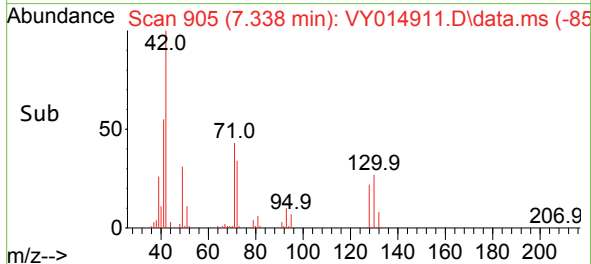
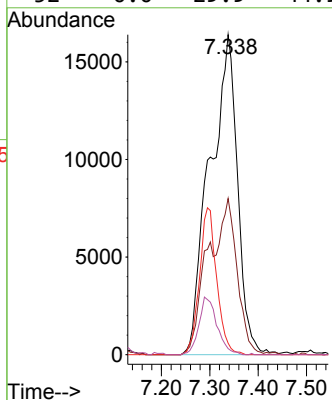
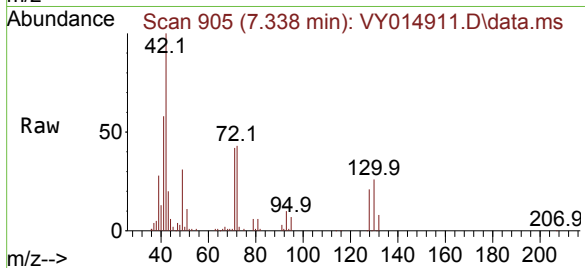




#41
Methacrylonitrile
Concen: 61.797 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

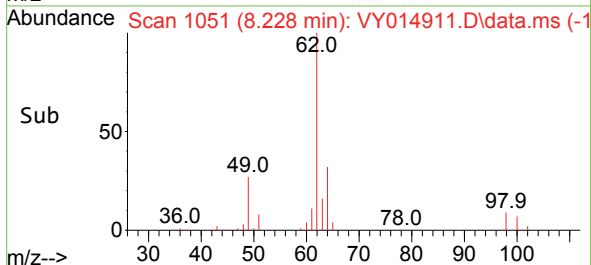
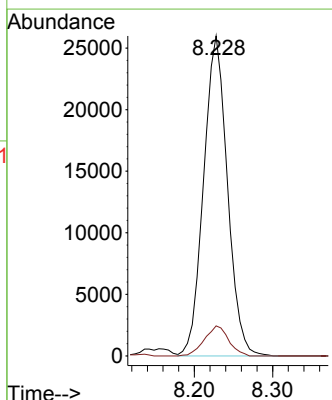
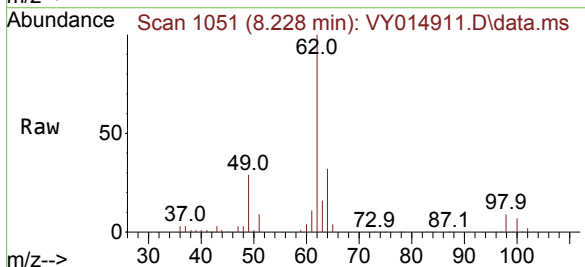
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

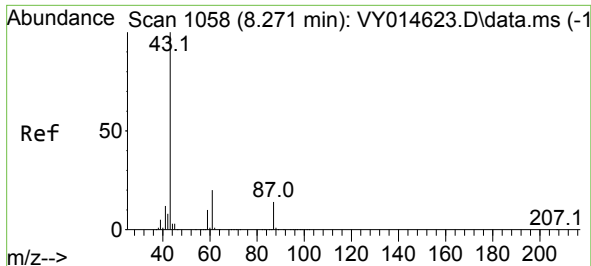
Tgt Ion: 41 Resp: 65134
Ion Ratio Lower Upper
41 100
39 29.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.470 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 62 Resp: 54871
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

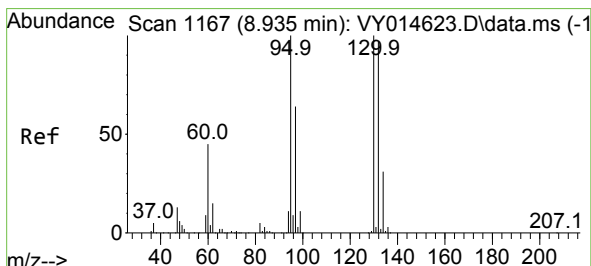
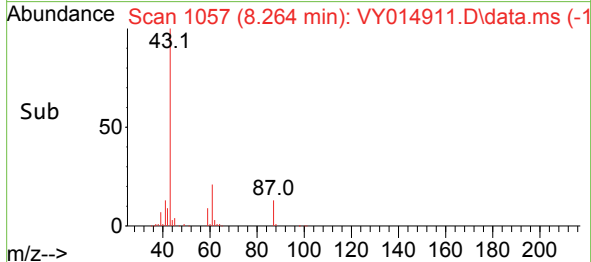
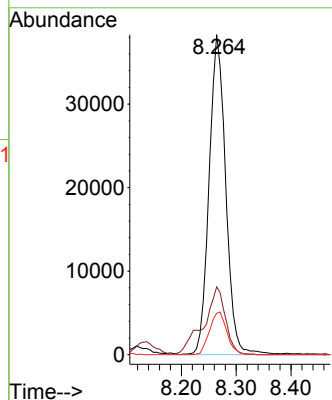
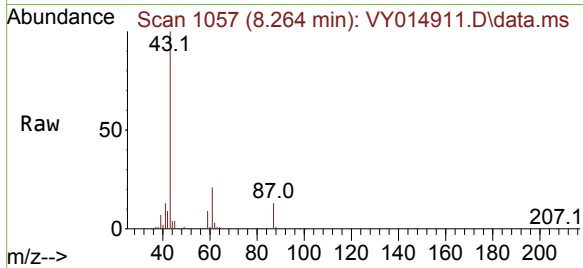




#43
Isopropyl Acetate
Concen: 20.617 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

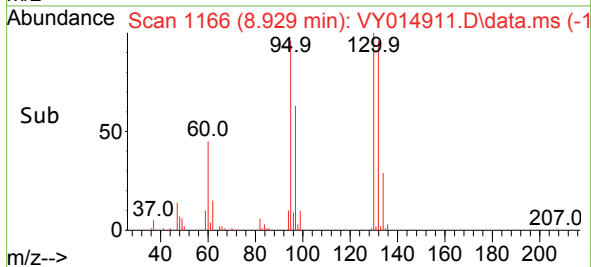
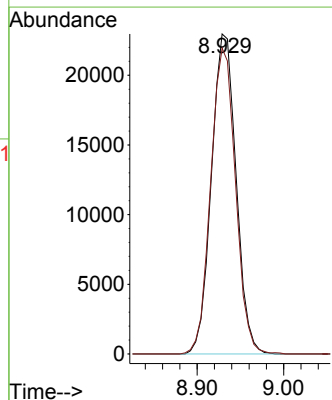
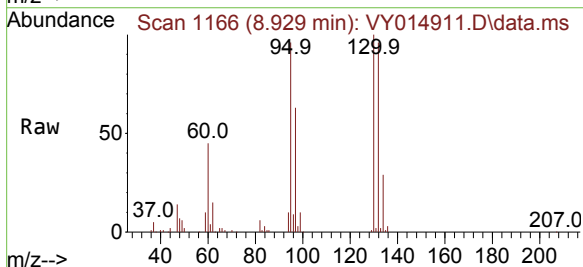
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

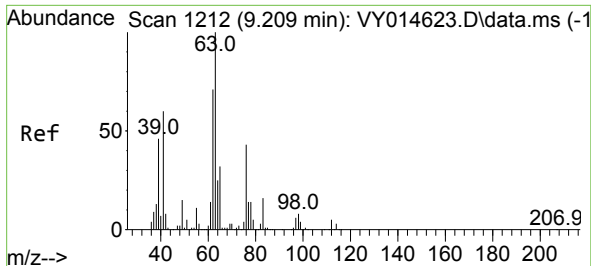
Tgt Ion: 43 Resp: 80477
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 19.139 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:130 Resp: 45328
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.634 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

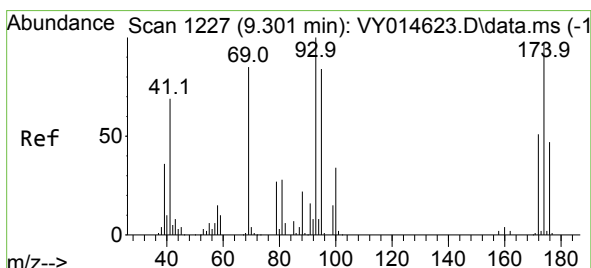
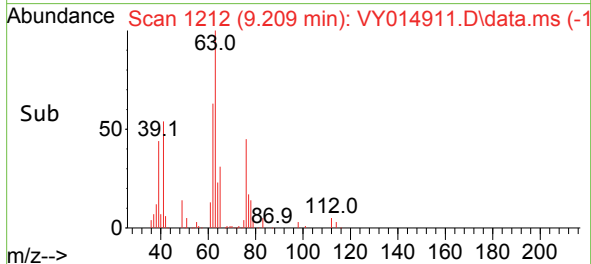
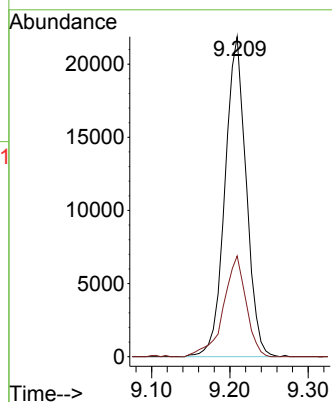
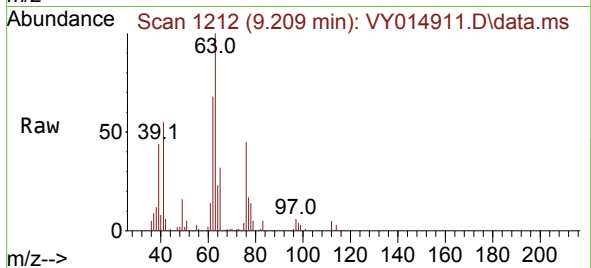
VY0728SBS04

Tgt Ion: 63 Resp: 41186

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 20.530 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

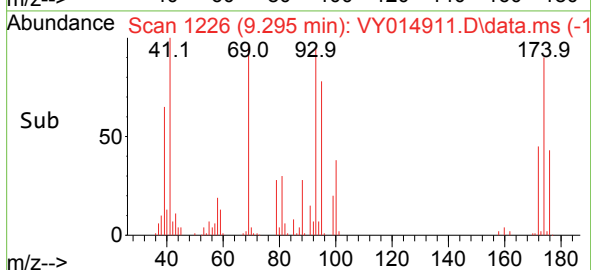
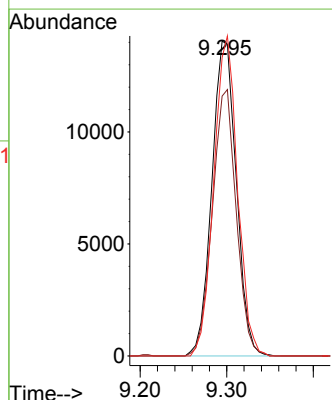
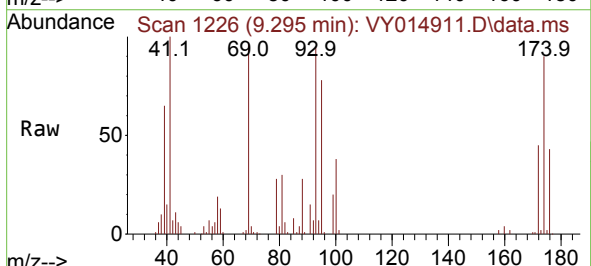
Tgt Ion: 93 Resp: 27528

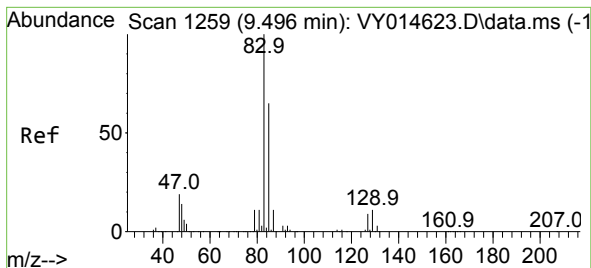
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 98.6 84.8 127.2





#47

Bromodichloromethane

Concen: 18.939 ug/l

RT: 9.490 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

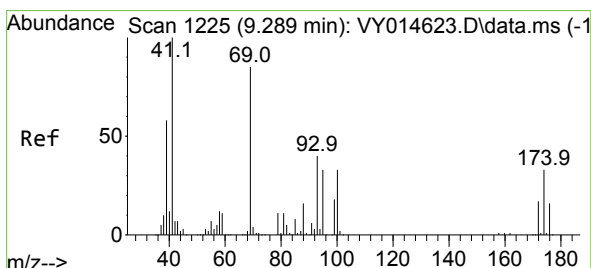
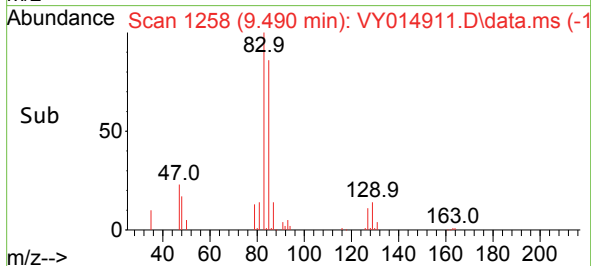
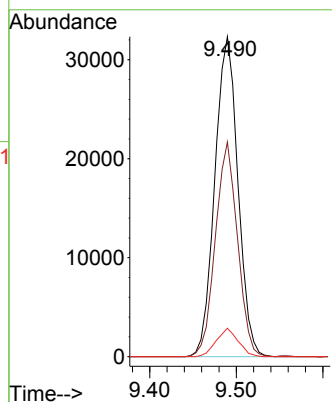
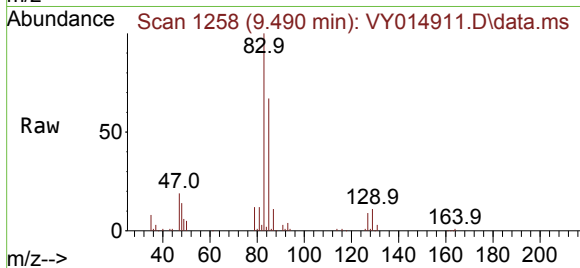
Tgt Ion: 83 Resp: 59854

Ion Ratio Lower Upper

83 100

85 67.1 50.1 75.1

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 20.133 ug/l

RT: 9.282 min Scan# 1224

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

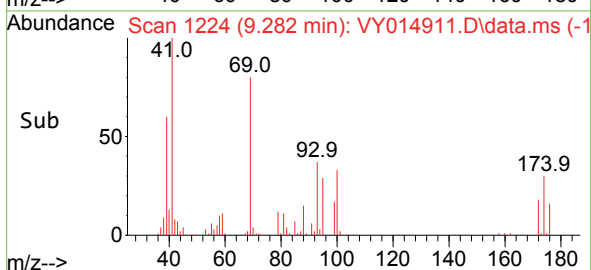
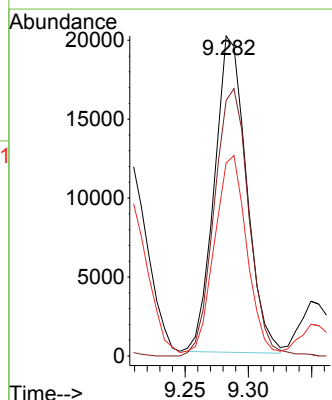
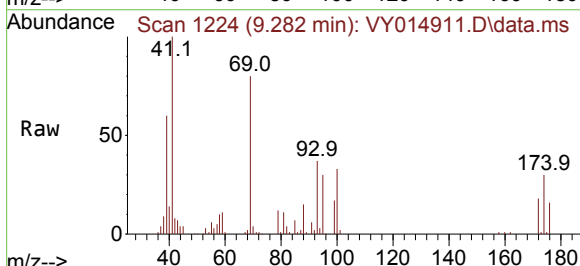
Tgt Ion: 41 Resp: 35362

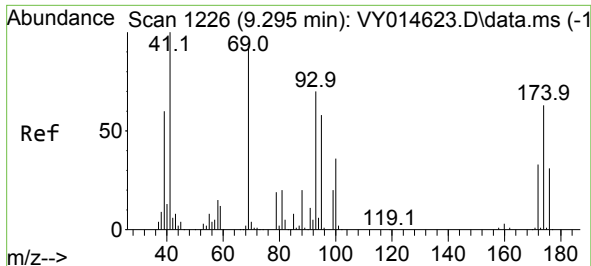
Ion Ratio Lower Upper

41 100

69 90.6 64.5 96.7

39 64.4 50.8 76.2





#49

1,4-Dioxane

Concen: 493.314 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

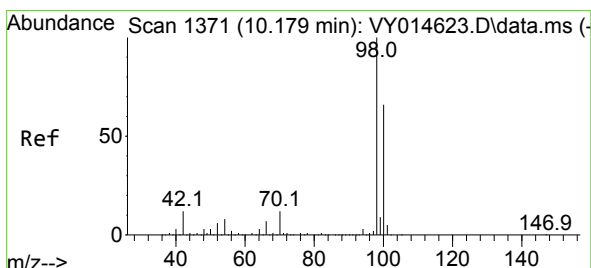
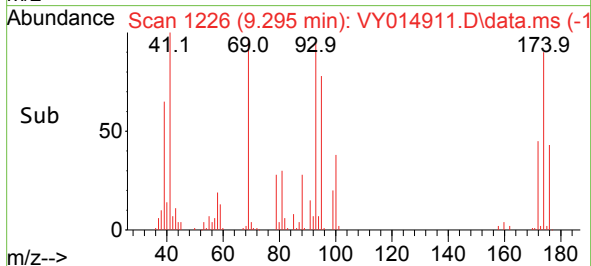
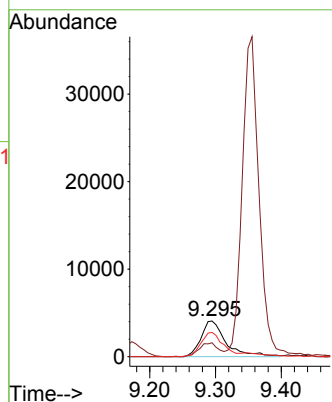
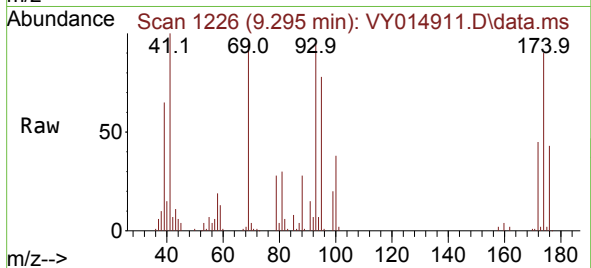
Tgt Ion: 88 Resp: 10786

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 60.4 30.9 46.3#



#50

Toluene-d8

Concen: 52.863 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014911.D

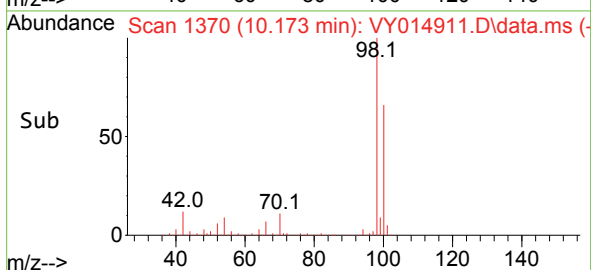
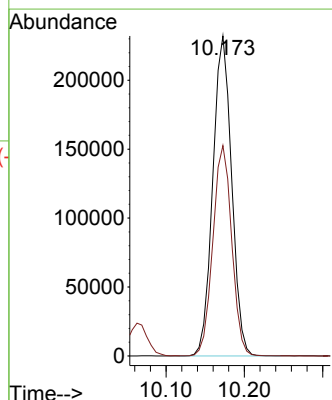
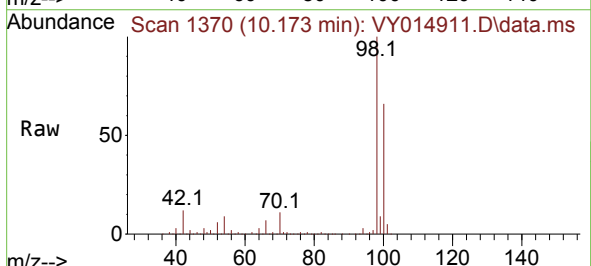
Acq: 28 Jul 2023 16:07

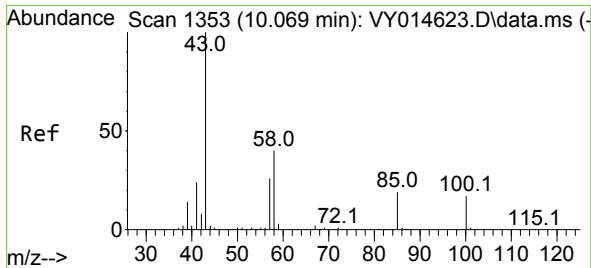
Tgt Ion: 98 Resp: 387874

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

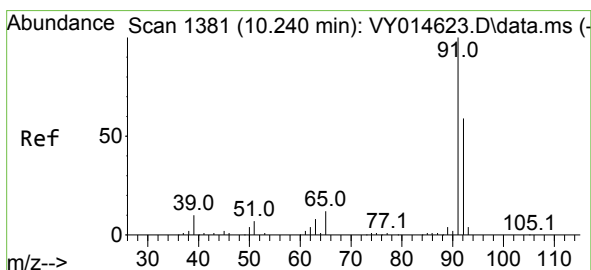
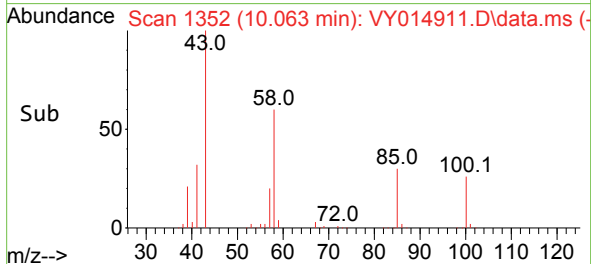
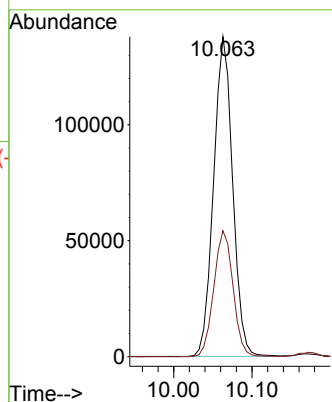
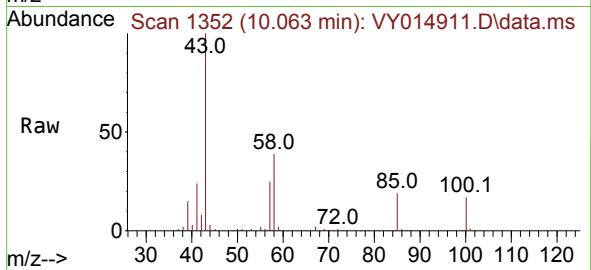




#51
4-Methyl-2-Pentanone
Concen: 113.953 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

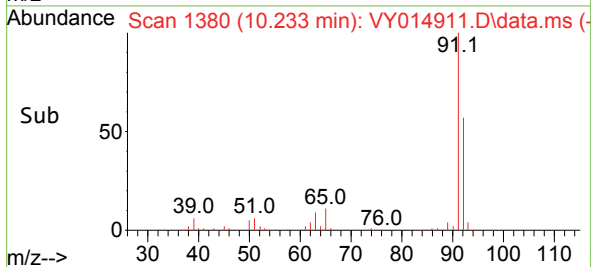
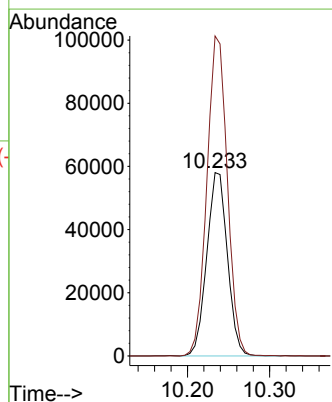
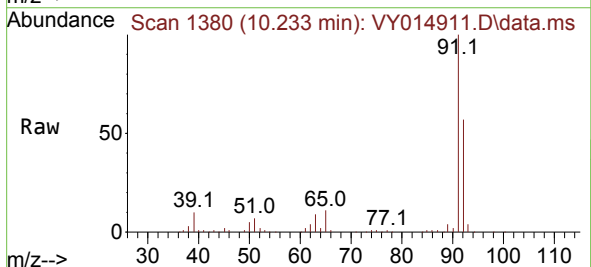
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

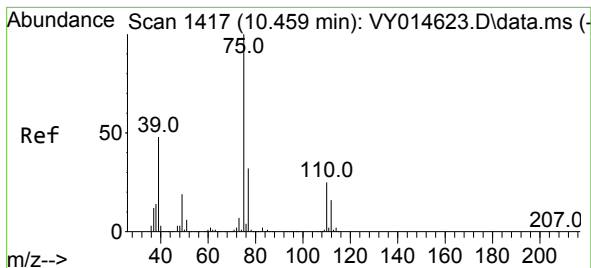
Tgt Ion: 43 Resp: 233546
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 18.684 ug/l
RT: 10.233 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 92 Resp: 101201
Ion Ratio Lower Upper
92 100
91 173.1 143.8 215.6

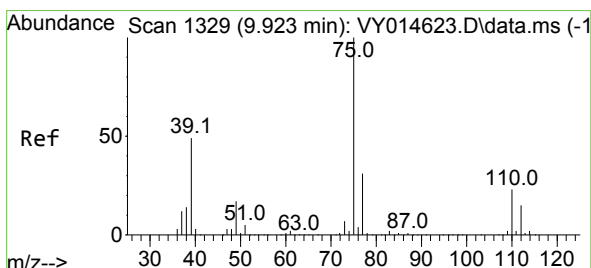
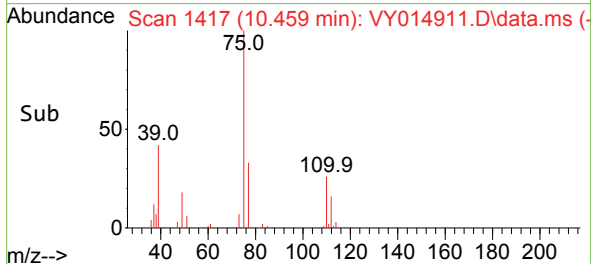
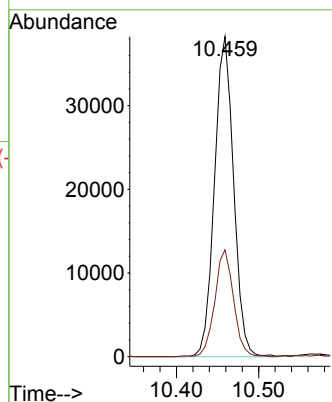
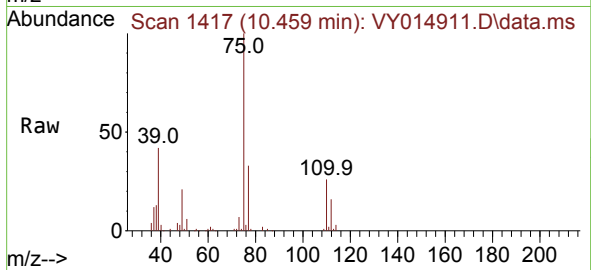




#53
t-1,3-Dichloropropene
Concen: 17.824 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

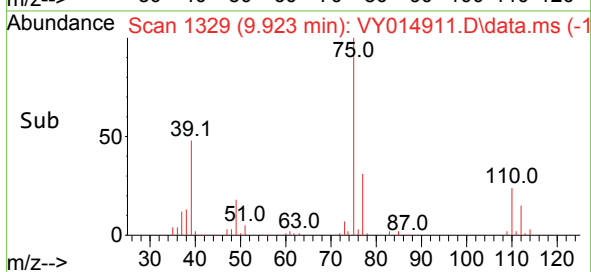
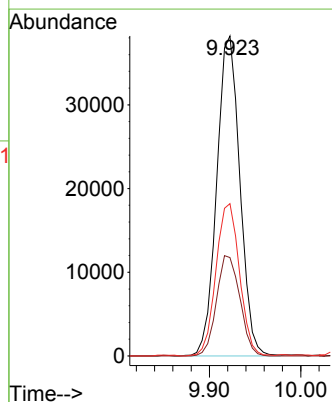
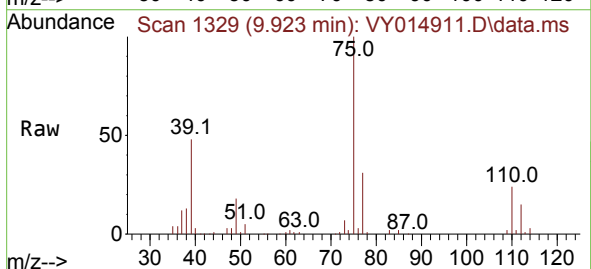
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

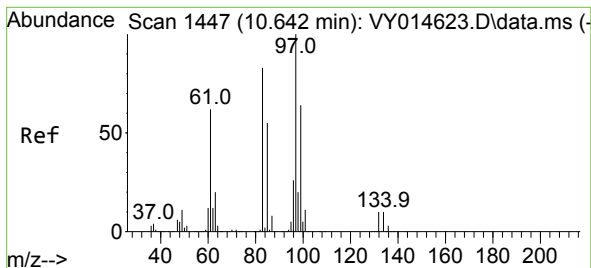
Tgt Ion: 75 Resp: 61617
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 17.932 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 75 Resp: 67411
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 47.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.833 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 97 Resp: 38913

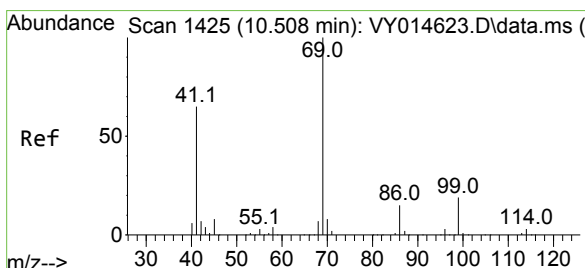
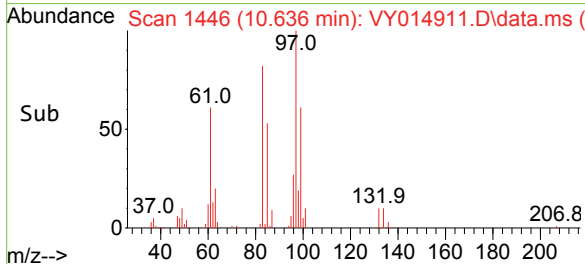
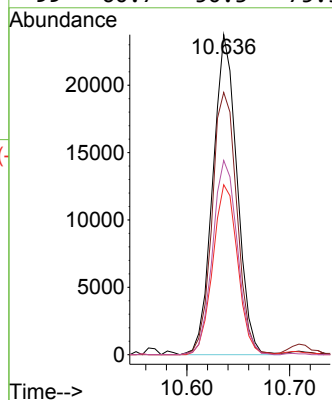
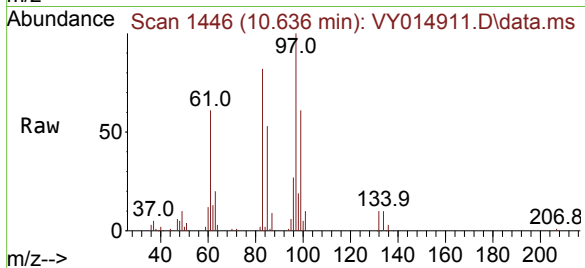
Ion Ratio Lower Upper

97 100

83 81.9 72.0 108.0

85 53.1 45.4 68.0

99 60.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.829 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

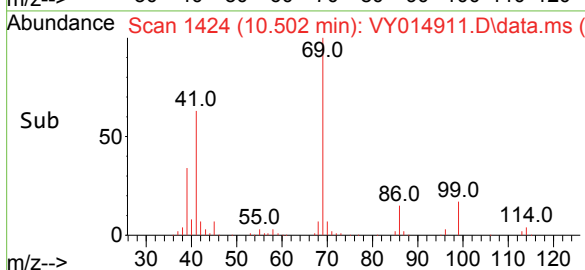
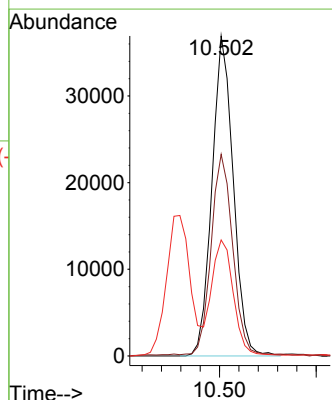
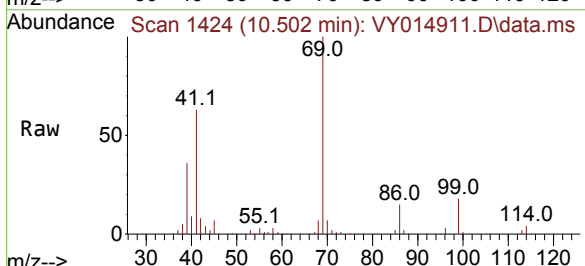
Tgt Ion: 69 Resp: 56548

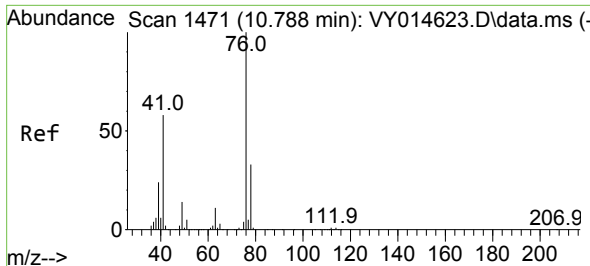
Ion Ratio Lower Upper

69 100

41 64.9 57.6 86.4

39 36.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

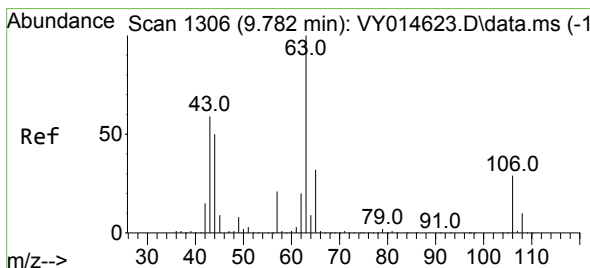
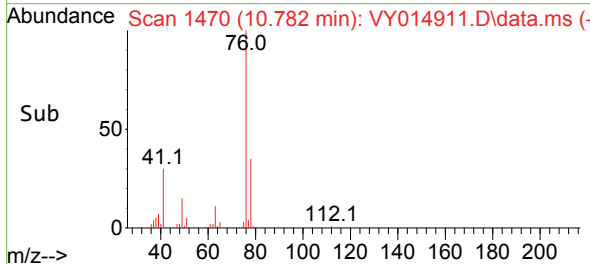
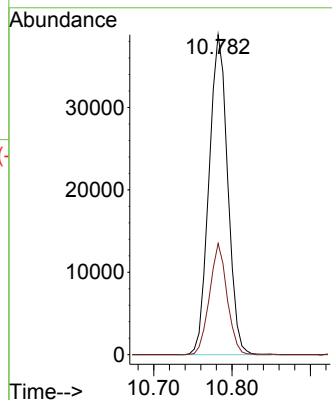
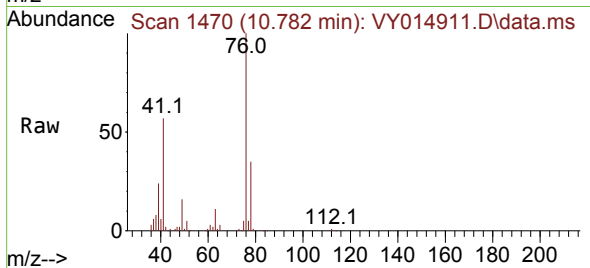
VY0728SBS04

Tgt Ion: 76 Resp: 64304

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 107.053 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014911.D

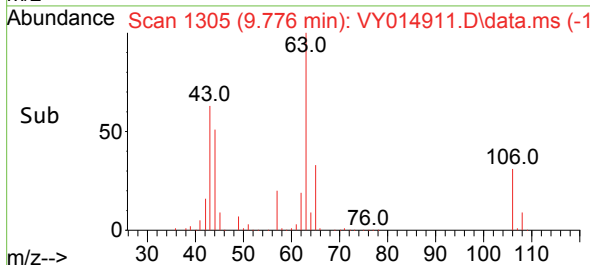
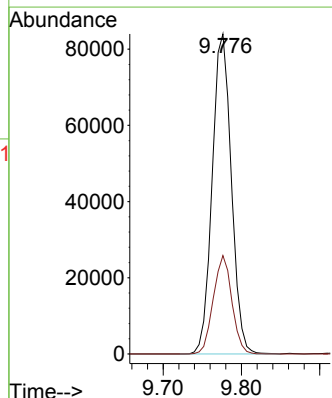
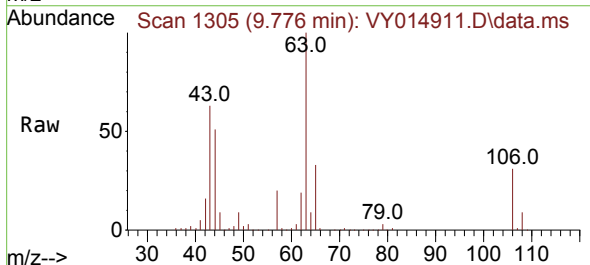
Acq: 28 Jul 2023 16:07

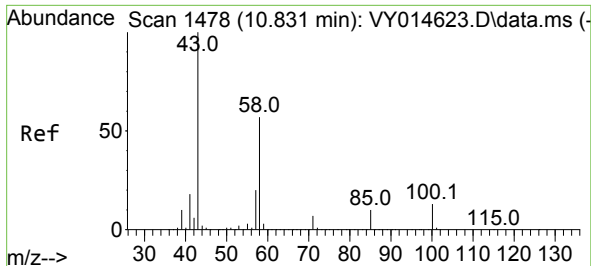
Tgt Ion: 63 Resp: 142251

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

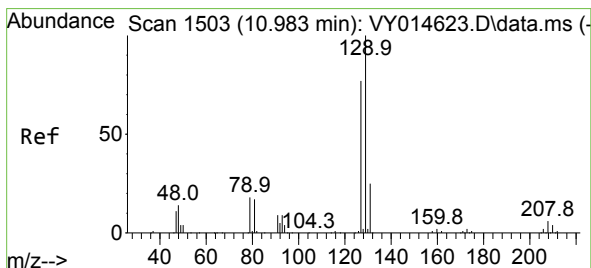
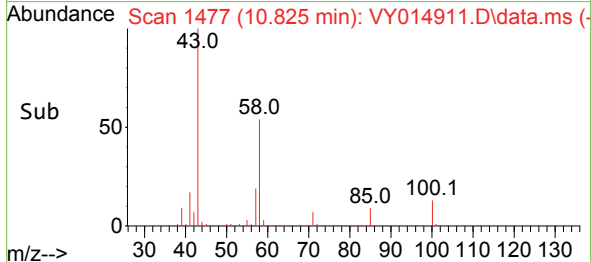
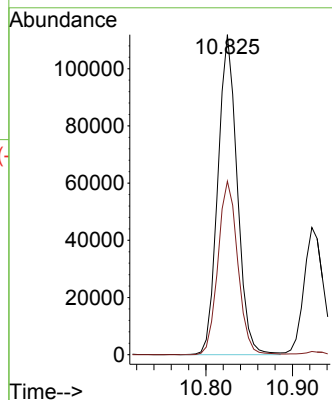
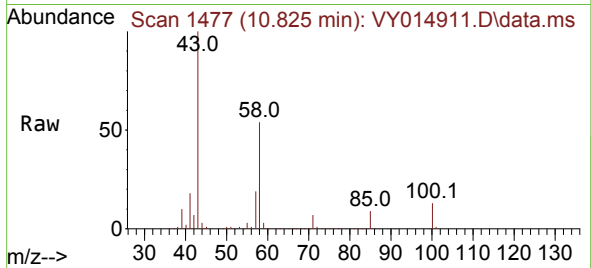




#59
2-Hexanone
Concen: 116.158 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

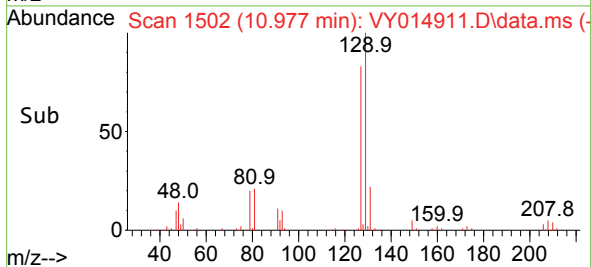
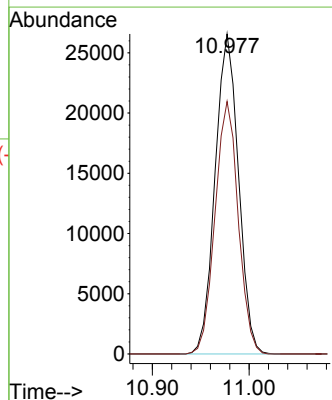
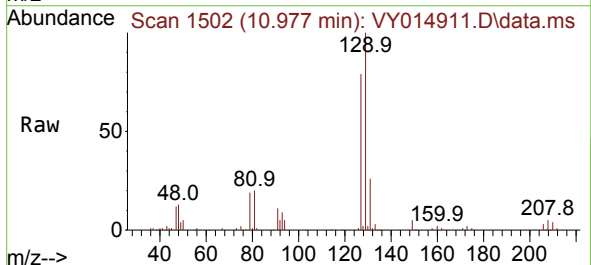
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

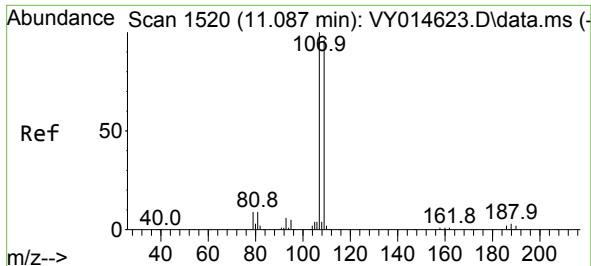
Tgt Ion: 43 Resp: 173609
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.449 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 129 Resp: 44540
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

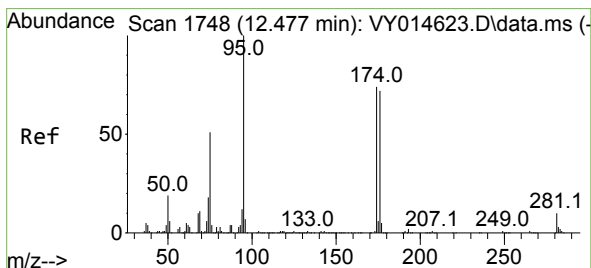
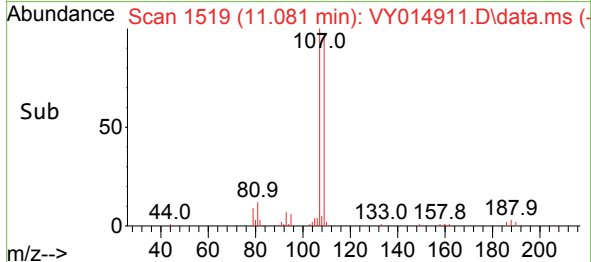
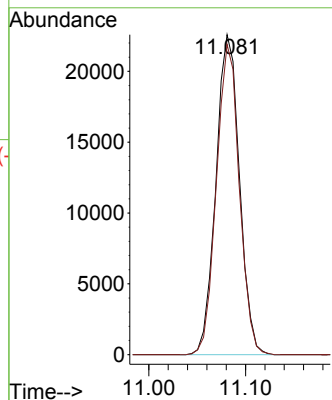
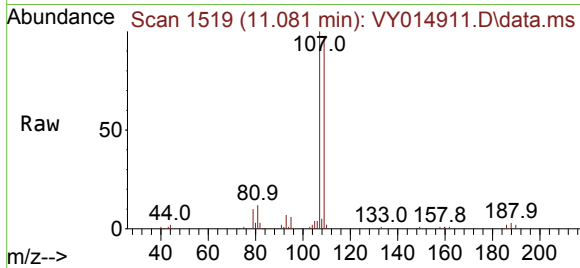




#61
1,2-Dibromoethane
Concen: 20.442 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

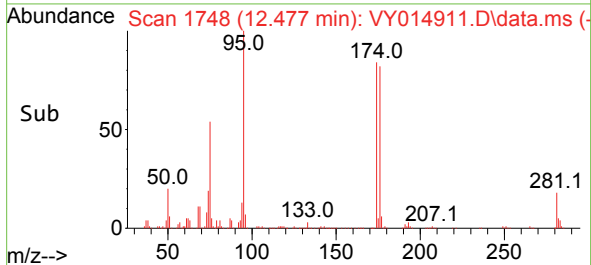
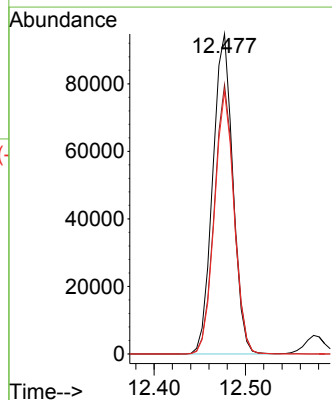
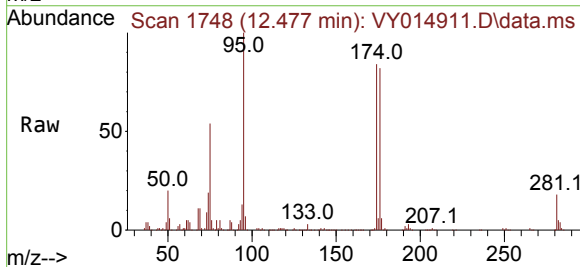
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

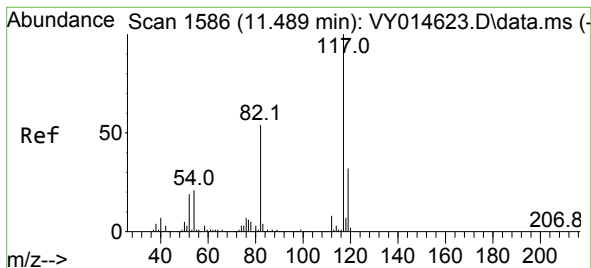
Tgt Ion:107 Resp: 38090
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 95 Resp: 144597
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 80.2 0.0 173.8

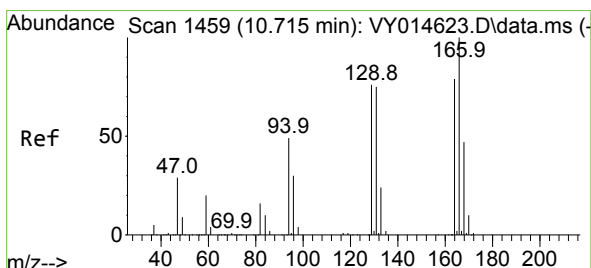
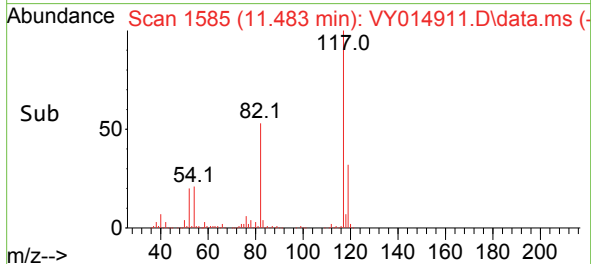
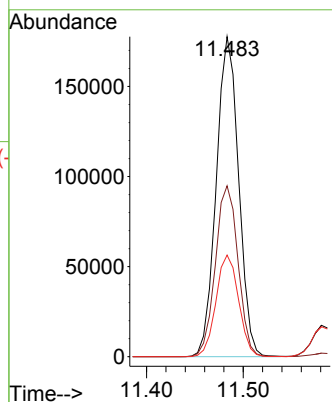
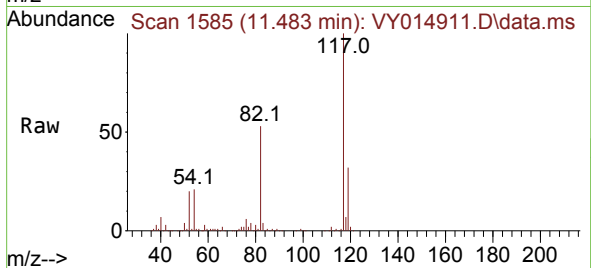




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

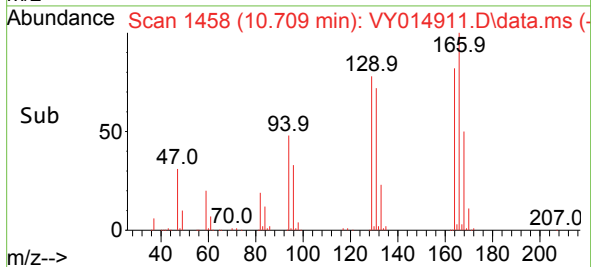
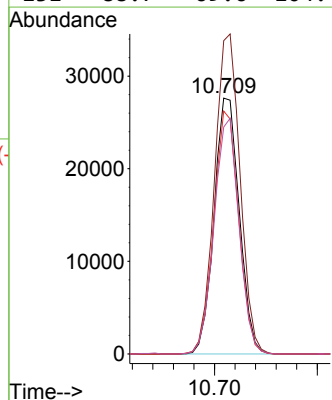
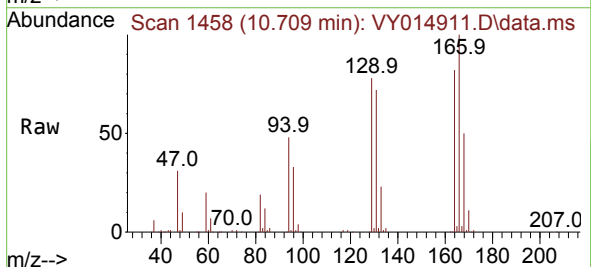
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

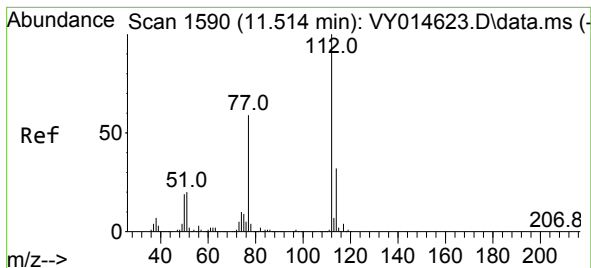
Tgt Ion:117 Resp: 285478
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 20.426 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:164 Resp: 46897
Ion Ratio Lower Upper
164 100
166 122.5 103.0 154.6
129 95.0 77.2 115.8
131 88.7 69.6 104.4

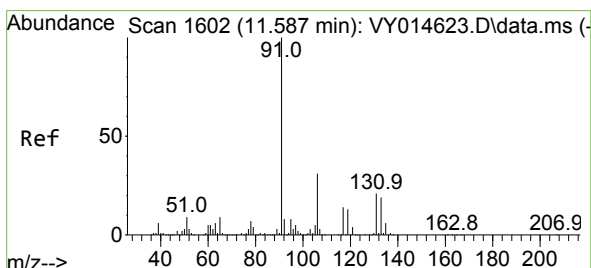
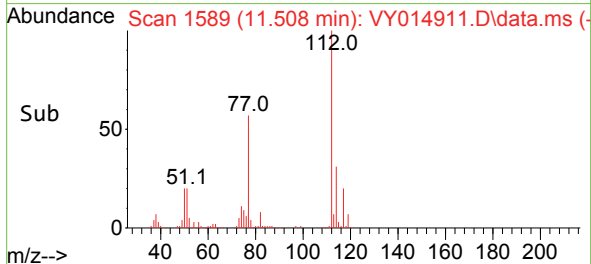
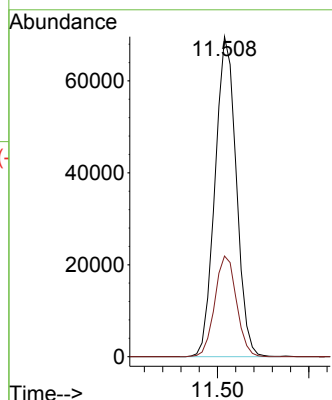
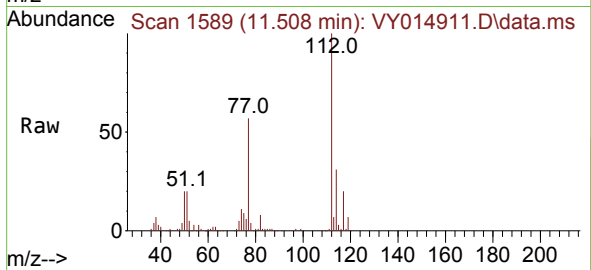




#65
Chlorobenzene
Concen: 18.451 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

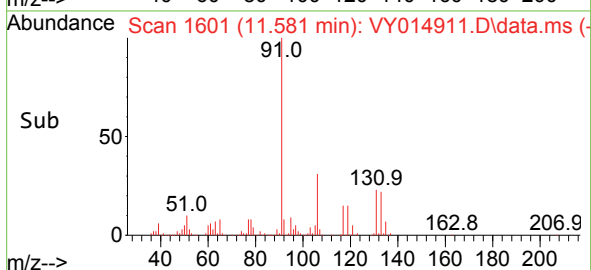
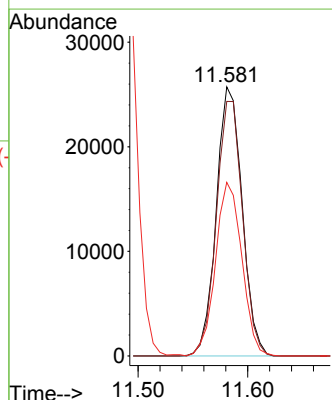
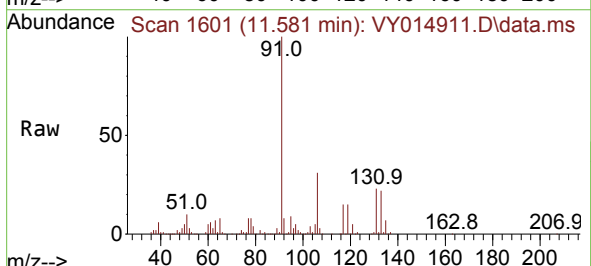
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

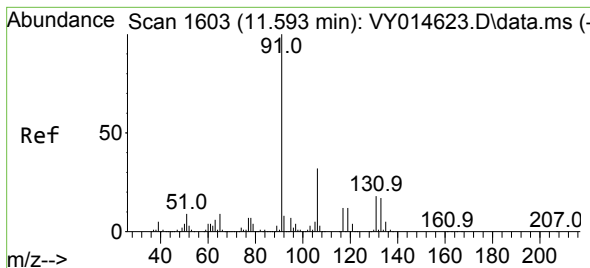
Tgt Ion:112 Resp: 112245
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.407 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:131 Resp: 42221
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 17.766 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

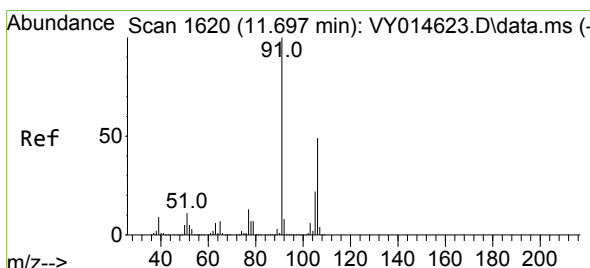
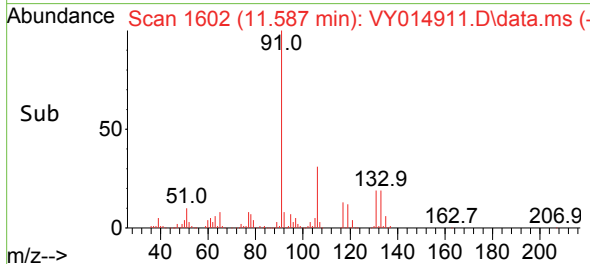
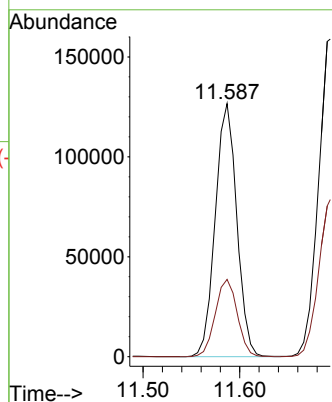
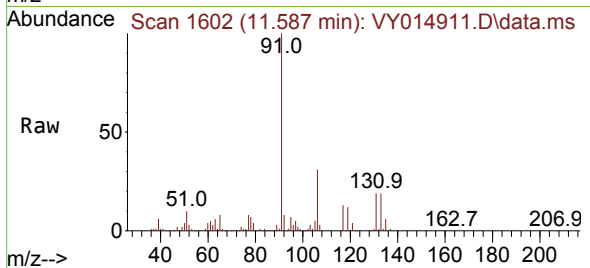
VY0728SBS04

Tgt Ion: 91 Resp: 195141

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 35.972 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014911.D

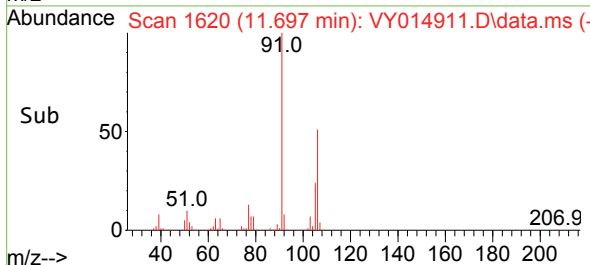
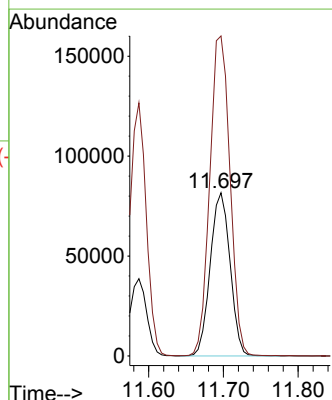
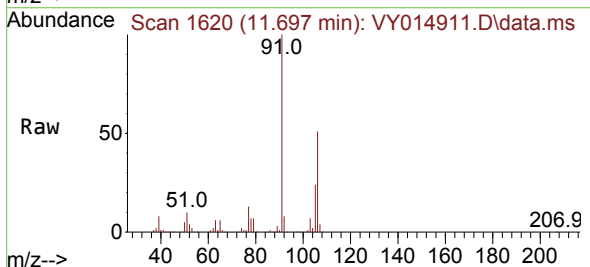
Acq: 28 Jul 2023 16:07

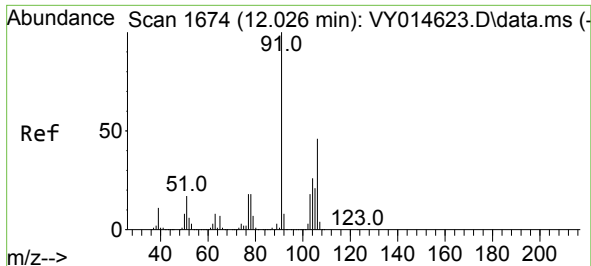
Tgt Ion:106 Resp: 150822

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1

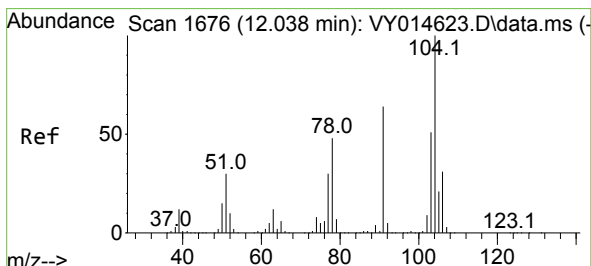
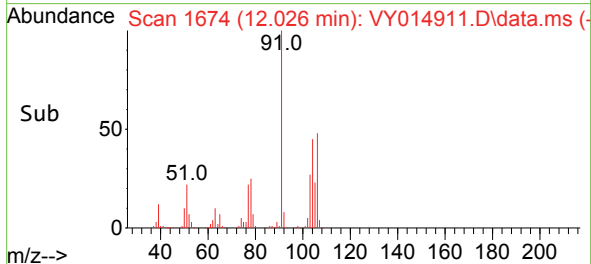
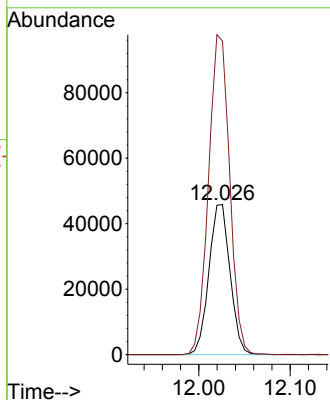
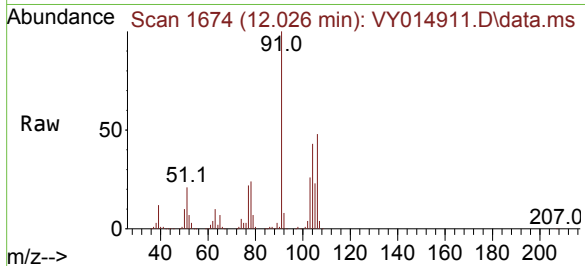




#69
o-Xylene
Concen: 18.051 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

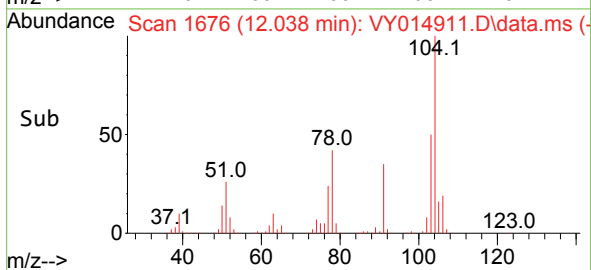
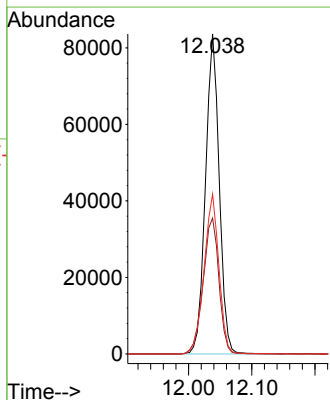
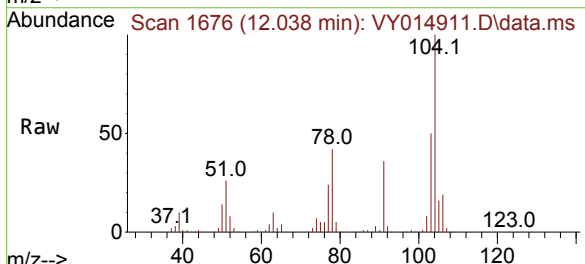
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

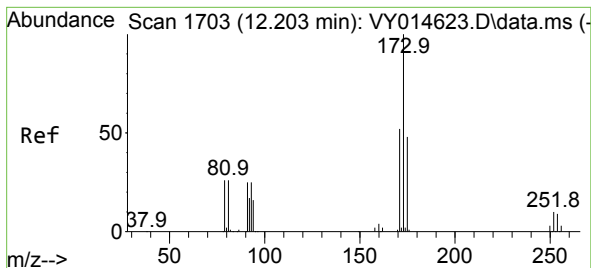
Tgt Ion:106 Resp: 73718
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3



#70
Styrene
Concen: 18.407 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:104 Resp: 126696
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 53.8 44.6 67.0





#71

Bromoform

Concen: 19.080 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

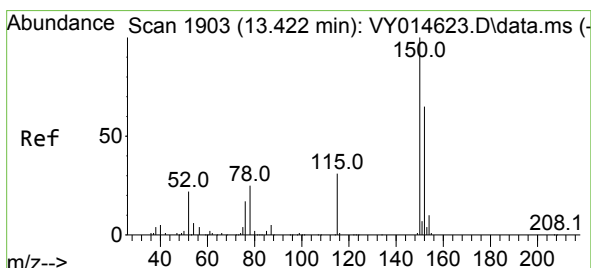
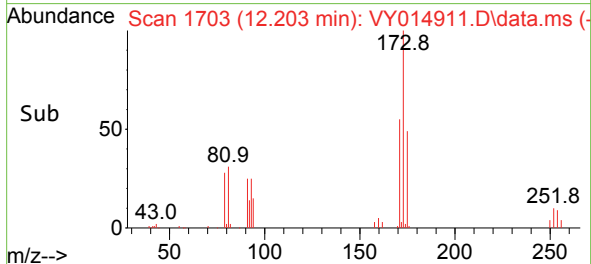
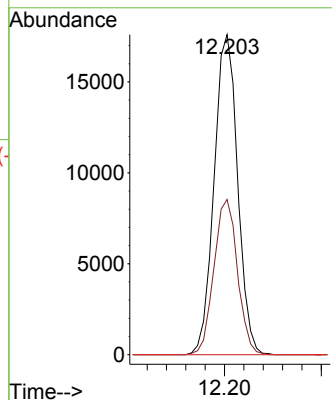
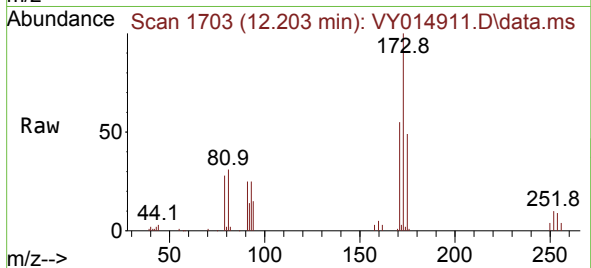
Tgt Ion:173 Resp: 29664

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

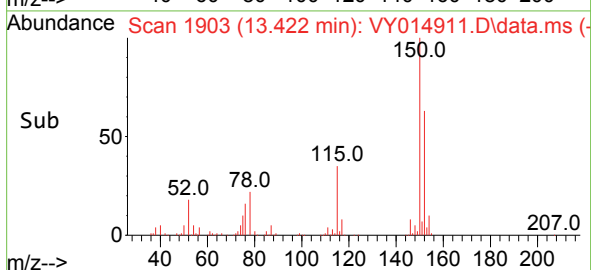
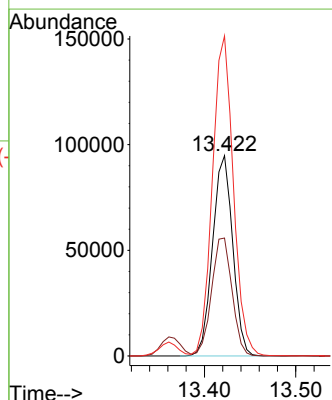
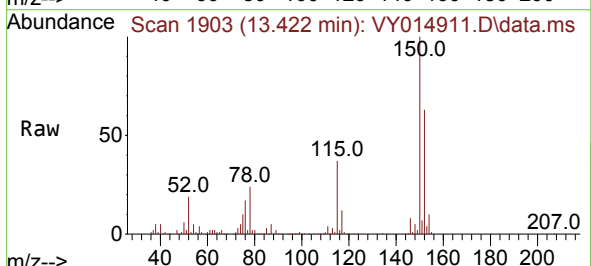
Tgt Ion:152 Resp: 145627

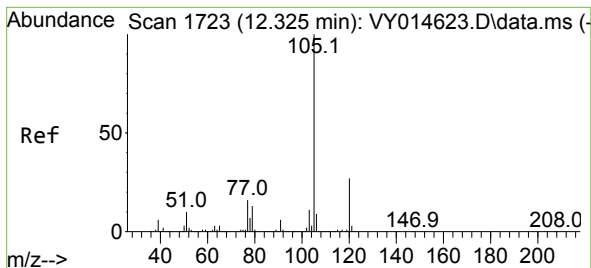
Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 165.4 0.0 348.8





#73

Isopropylbenzene

Concen: 16.823 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

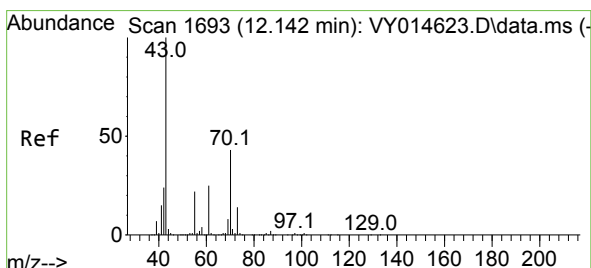
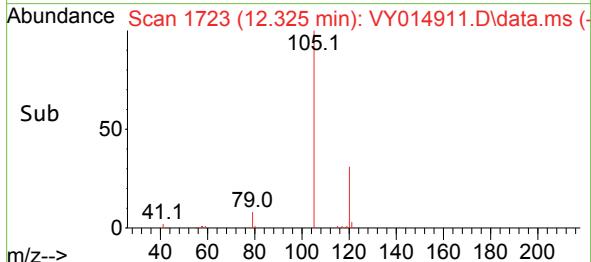
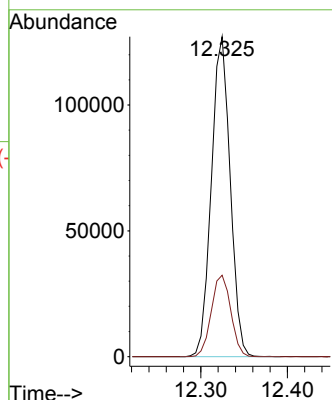
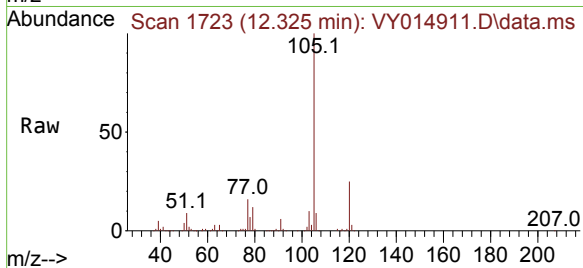
VY0728SBS04

Tgt Ion:105 Resp: 191824

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 18.206 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion: 43 Resp: 69528

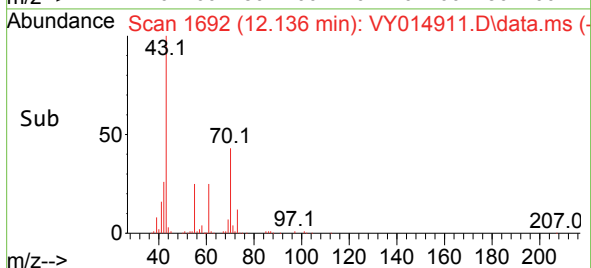
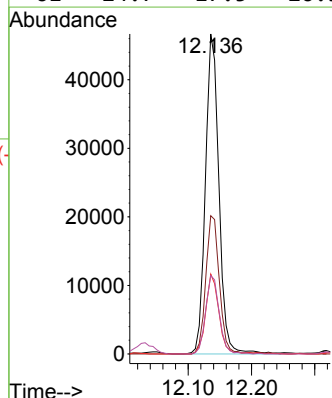
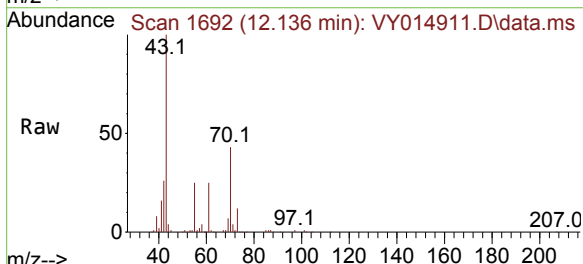
Ion Ratio Lower Upper

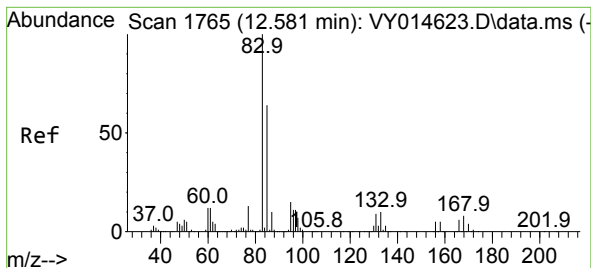
43 100

70 43.3 29.7 44.5

55 24.5 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.985 ug/l

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

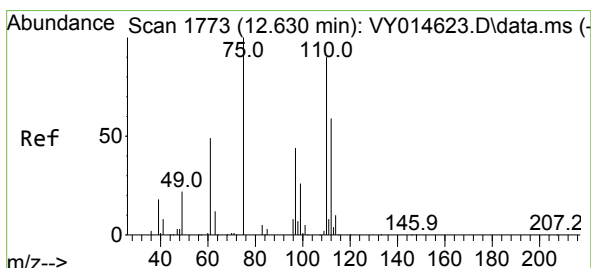
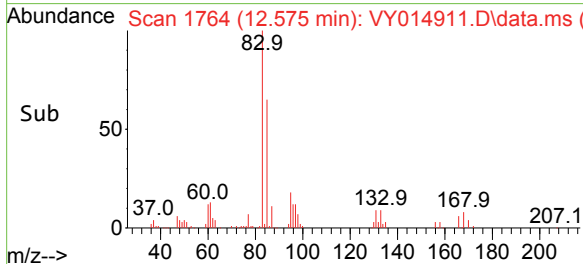
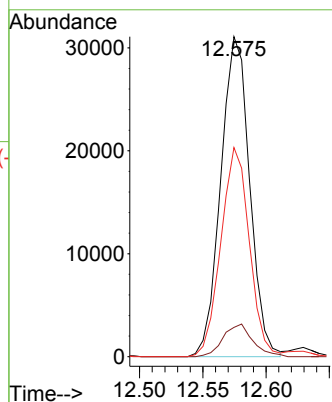
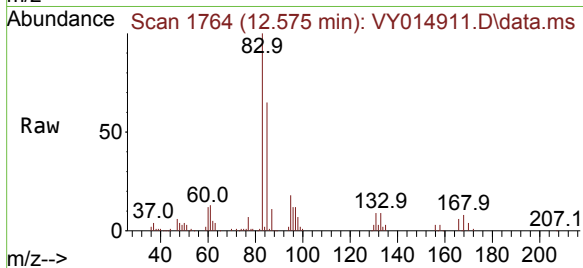
Tgt Ion: 83 Resp: 49368

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.201 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014911.D

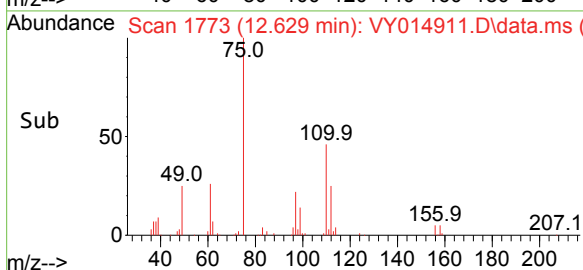
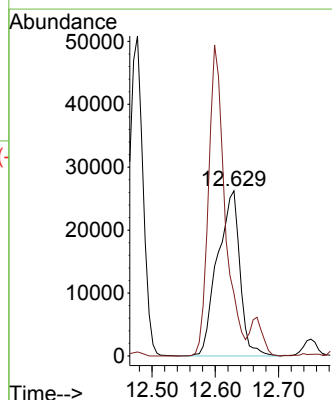
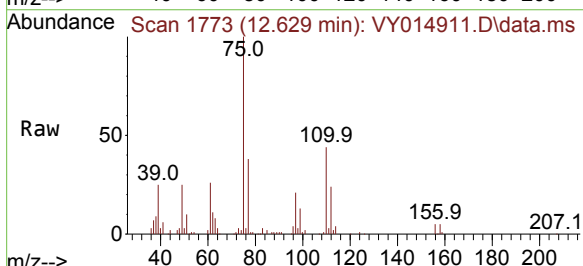
Acq: 28 Jul 2023 16:07

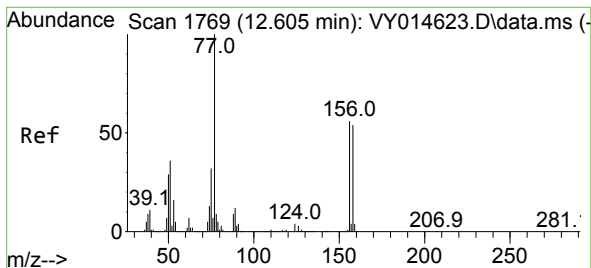
Tgt Ion: 75 Resp: 64743

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.025 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

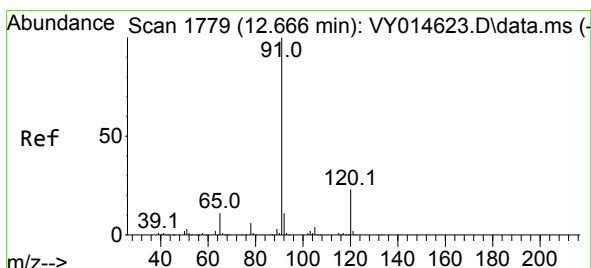
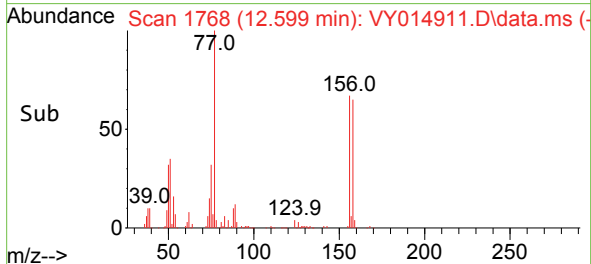
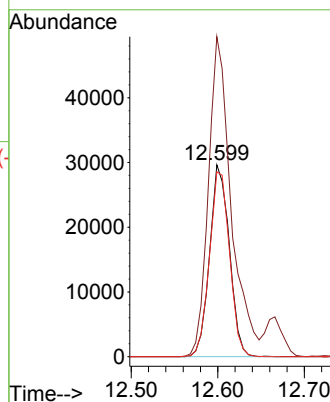
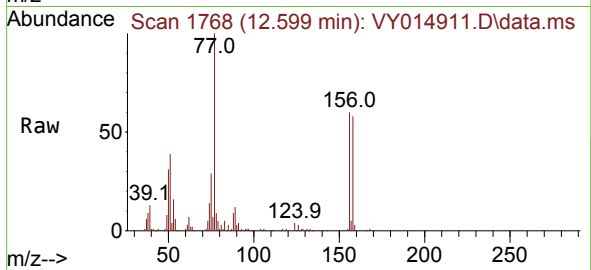
Tgt Ion:156 Resp: 46917

Ion Ratio Lower Upper

156 100

77 192.6 92.8 278.6

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 16.654 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY014911.D

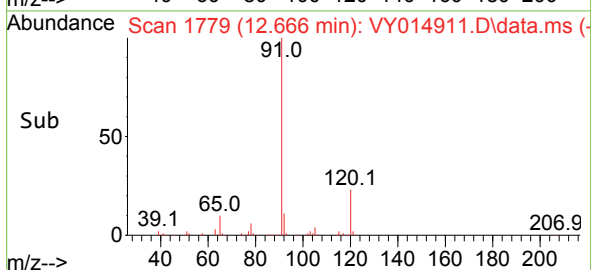
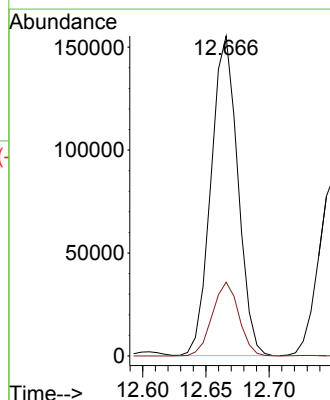
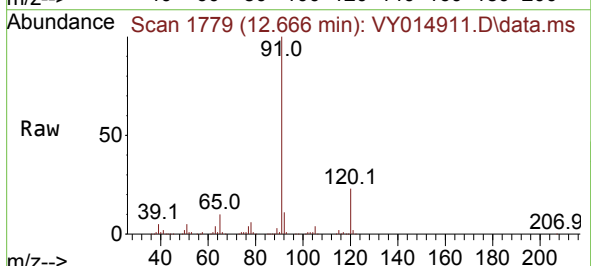
Acq: 28 Jul 2023 16:07

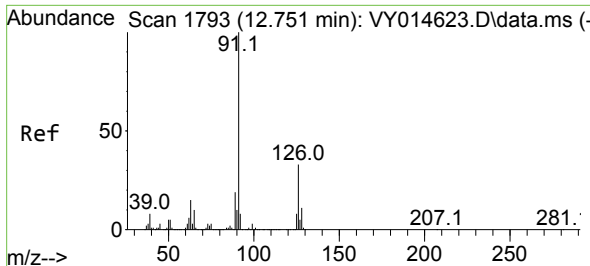
Tgt Ion: 91 Resp: 228833

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

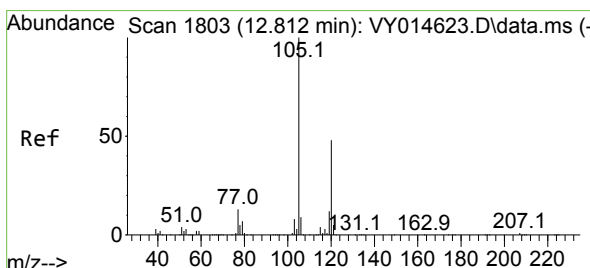
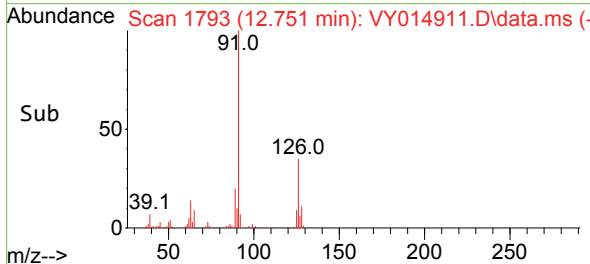
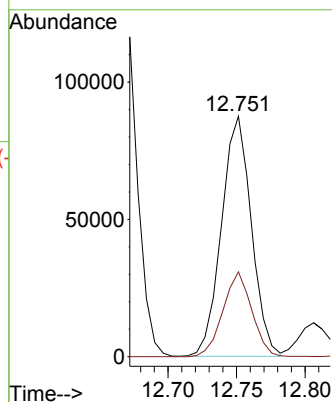
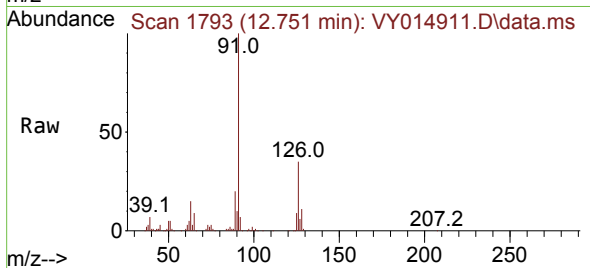




#79
2-Chlorotoluene
Concen: 16.743 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

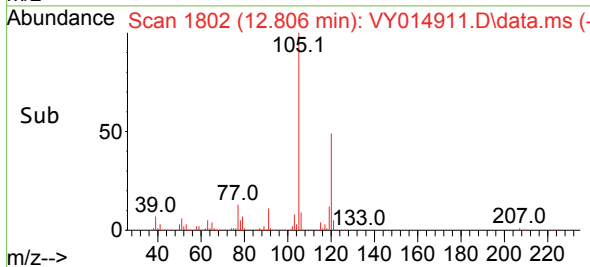
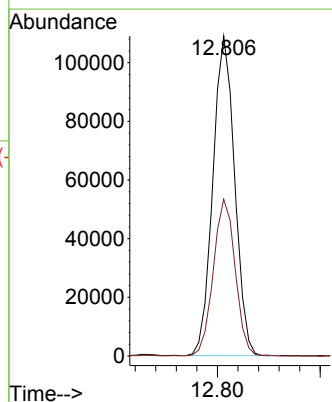
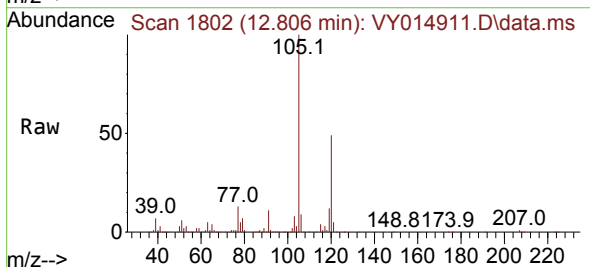
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

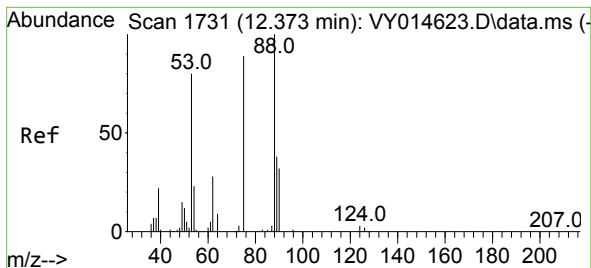
Tgt Ion: 91 Resp: 132507
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 16.826 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 105 Resp: 160230
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

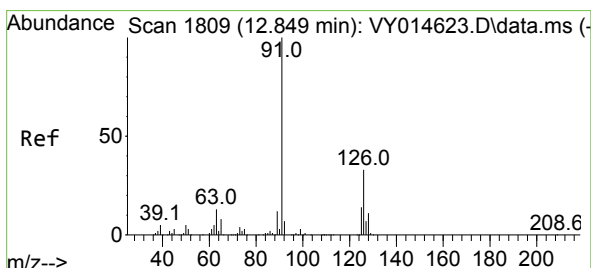
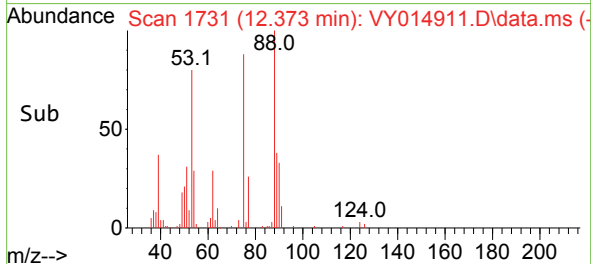
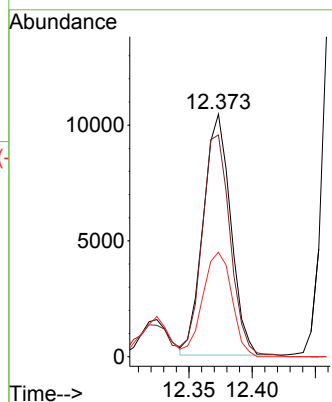
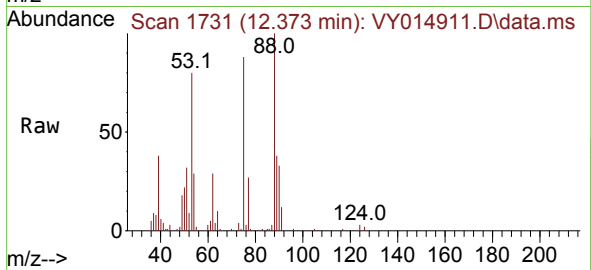




#81
trans-1,4-Dichloro-2-butene
Concen: 16.577 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

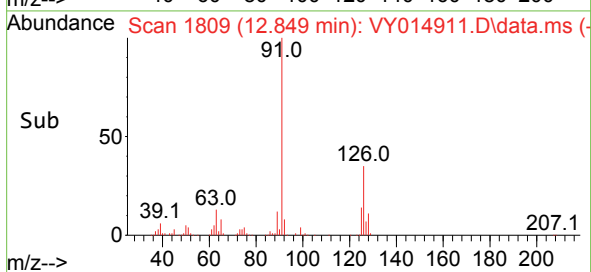
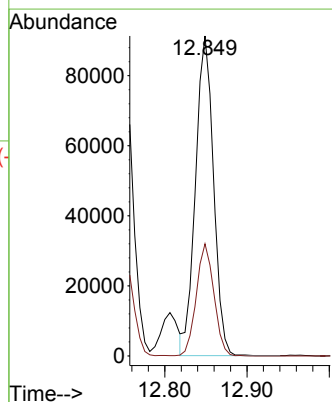
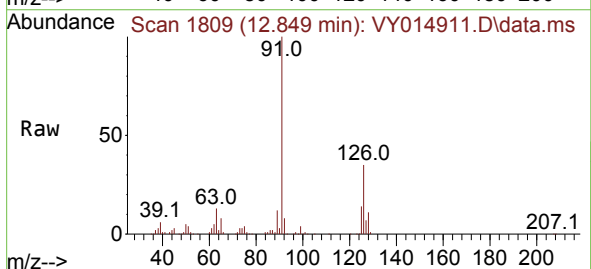
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

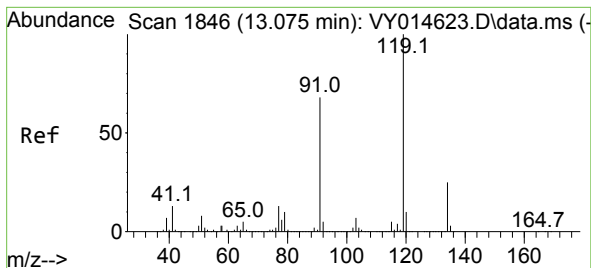
Tgt Ion: 75 Resp: 15747
Ion Ratio Lower Upper
75 100
53 94.5 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 16.992 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 91 Resp: 138501
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 16.383 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

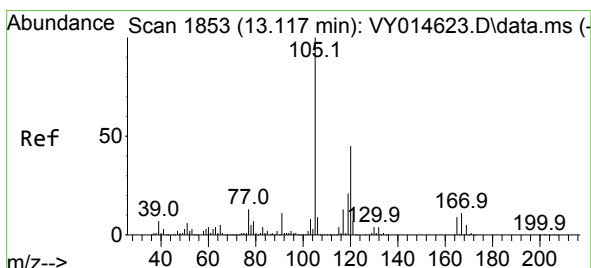
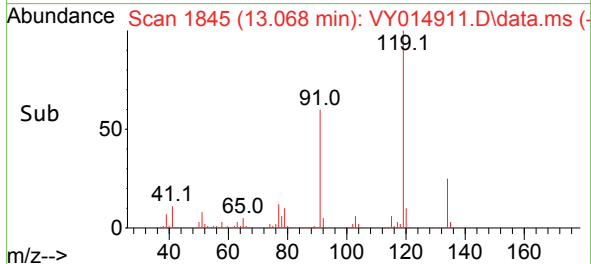
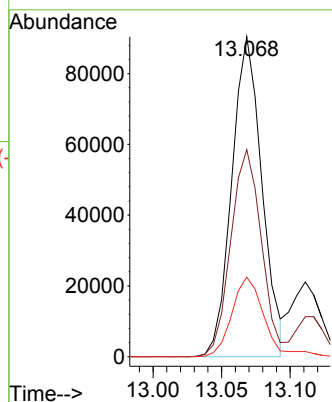
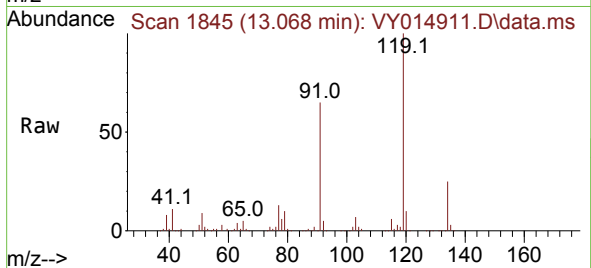
Tgt Ion:119 Resp: 138390

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 17.356 ug/l

RT: 13.111 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VY014911.D

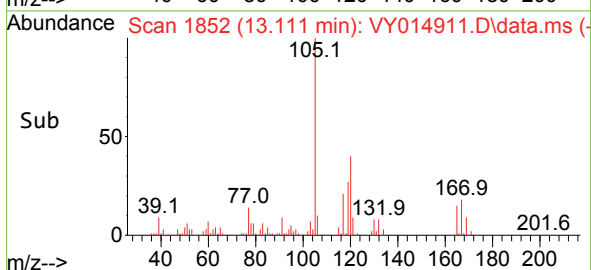
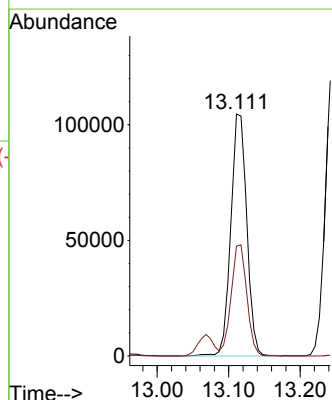
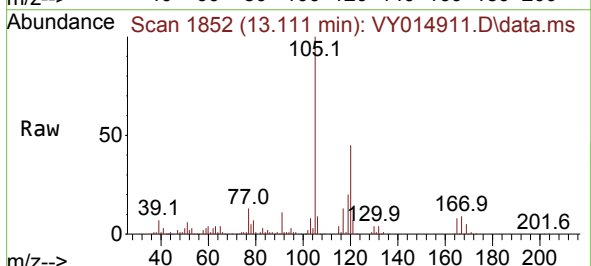
Acq: 28 Jul 2023 16:07

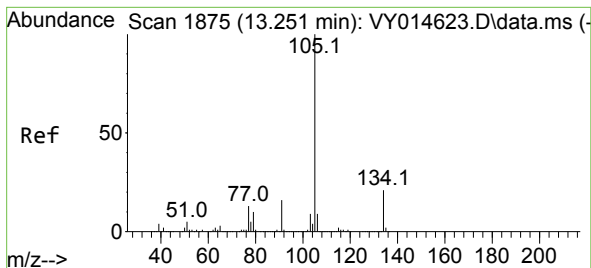
Tgt Ion:105 Resp: 162203

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 16.708 ug/l

RT: 13.245 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

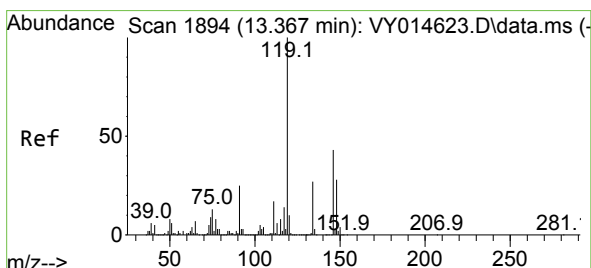
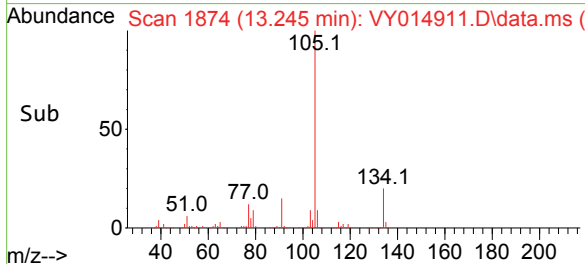
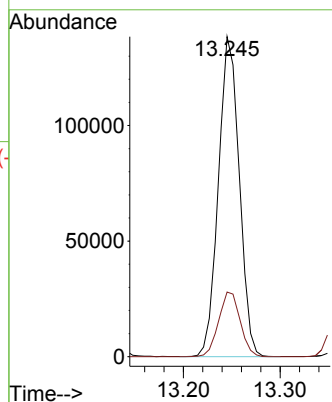
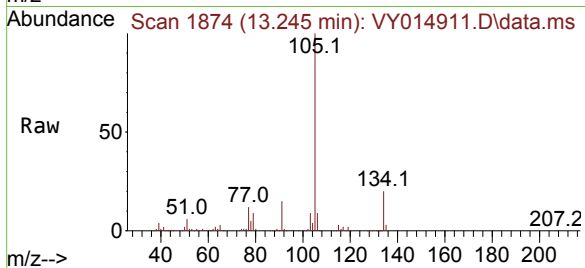
VY0728SBS04

Tgt Ion:105 Resp: 207046

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 17.263 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

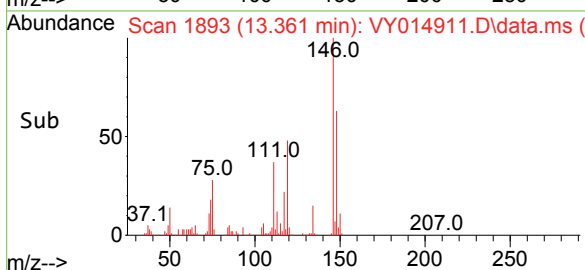
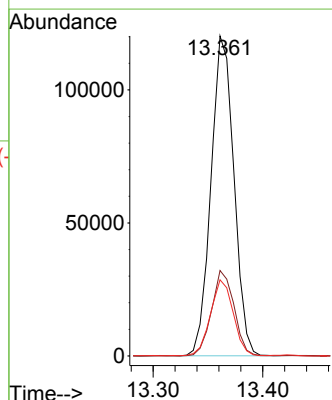
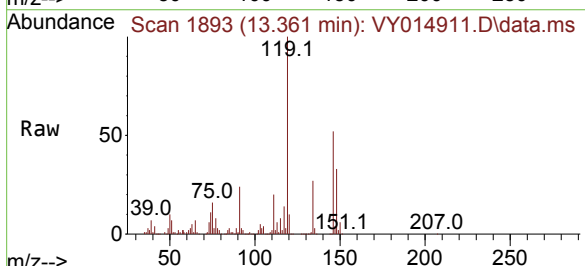
Tgt Ion:119 Resp: 174655

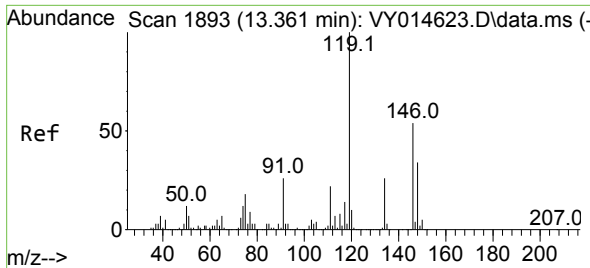
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.5 12.4 37.4

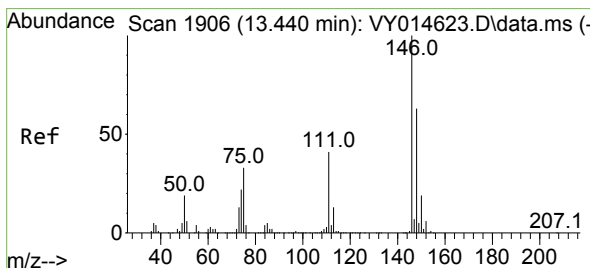
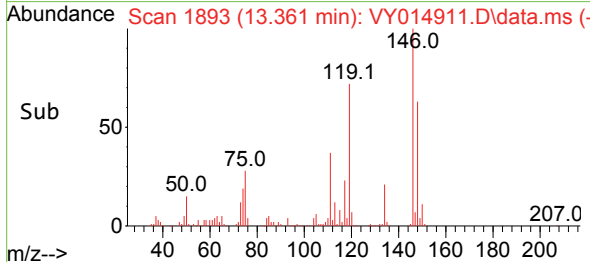
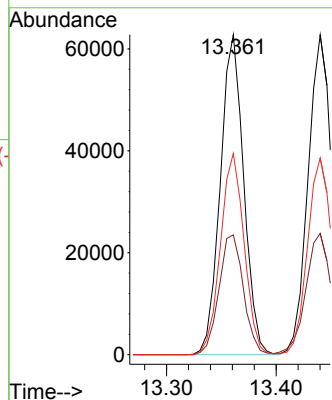
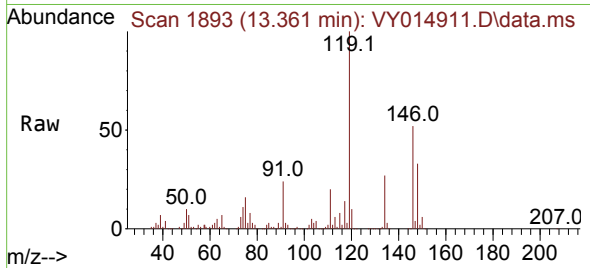




#87
1,3-Dichlorobenzene
Concen: 18.384 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

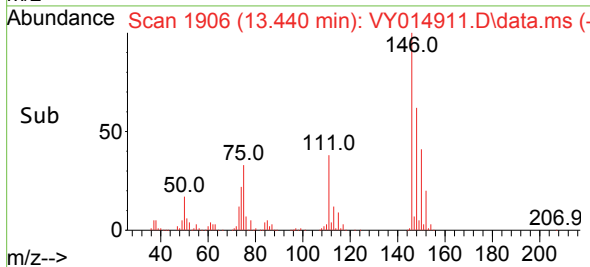
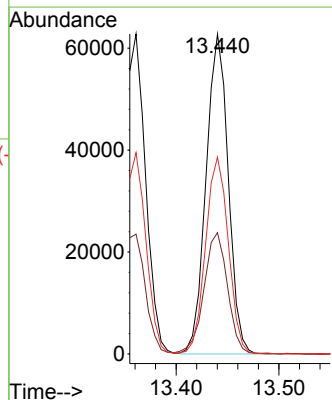
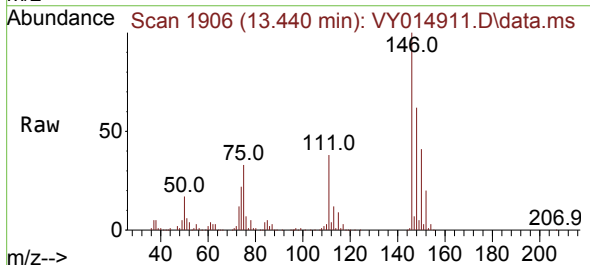
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

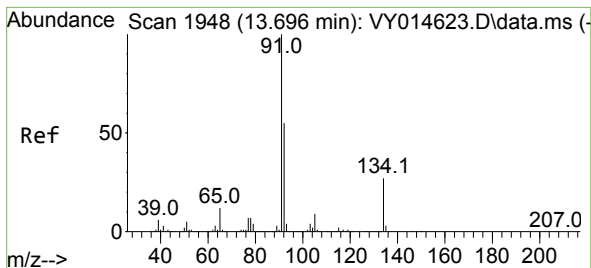
Tgt Ion:146 Resp: 93128
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 18.568 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:146 Resp: 94257
Ion Ratio Lower Upper
146 100
111 40.4 18.9 56.7
148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 16.664 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

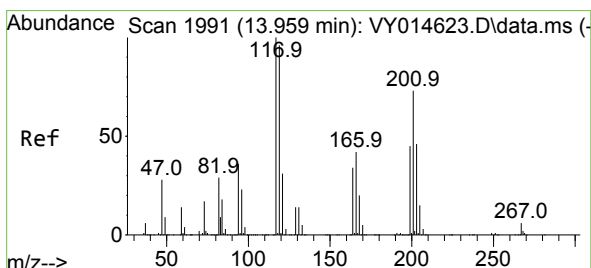
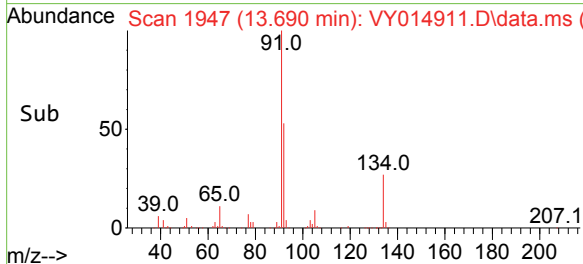
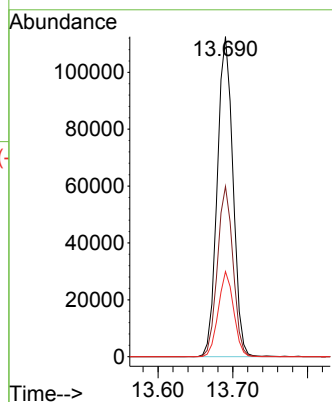
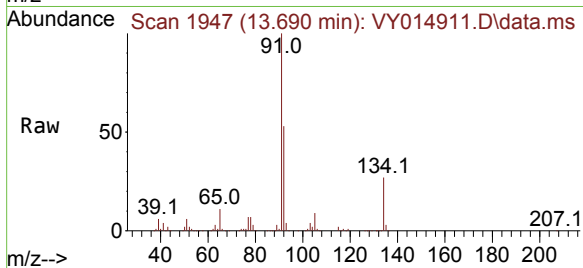
Tgt Ion: 91 Resp: 164025

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 15.777 ug/l

RT: 13.952 min Scan# 1990

Delta R.T. -0.007 min

Lab File: VY014911.D

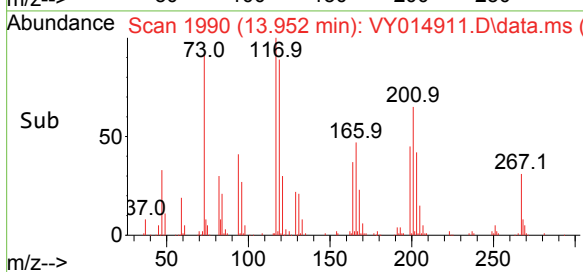
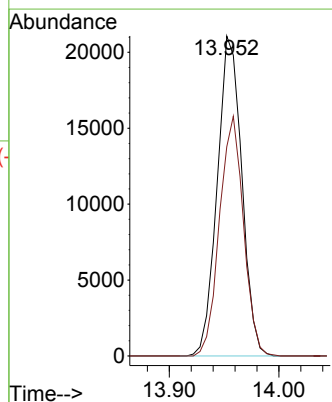
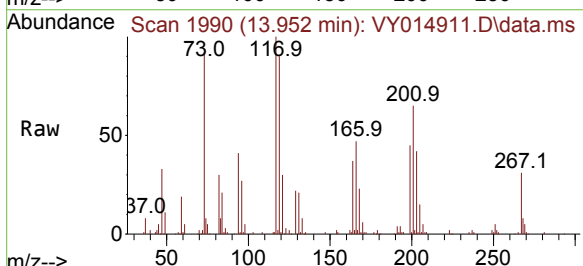
Acq: 28 Jul 2023 16:07

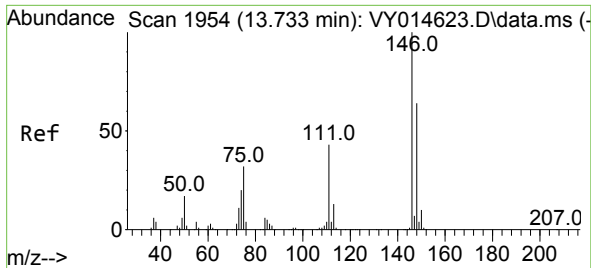
Tgt Ion: 117 Resp: 32786

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8

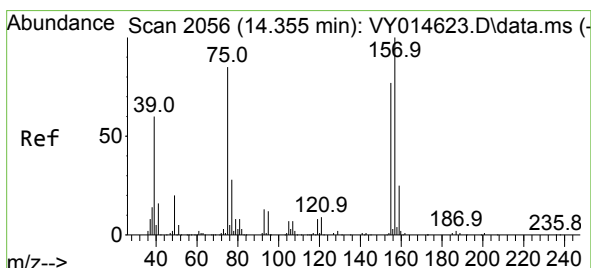
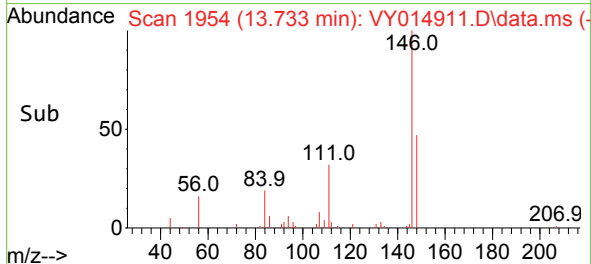
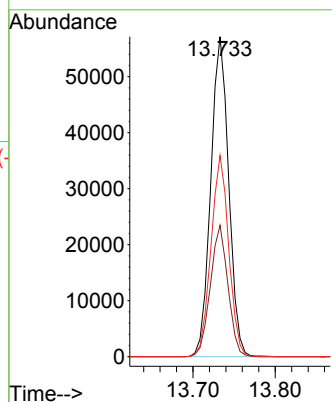
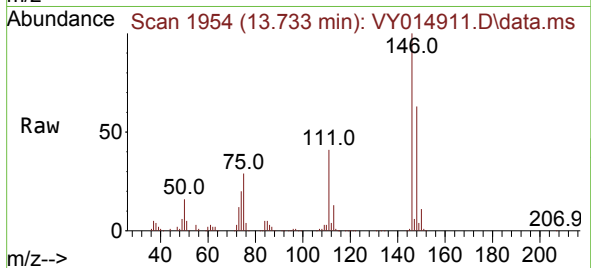




#91
 1,2-Dichlorobenzene
 Concen: 18.653 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

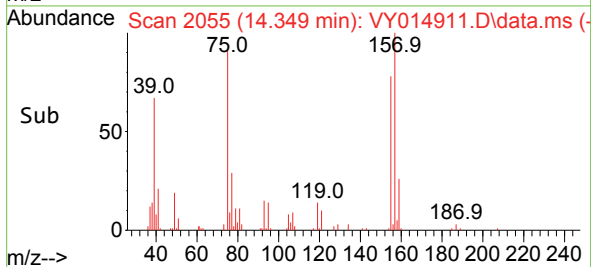
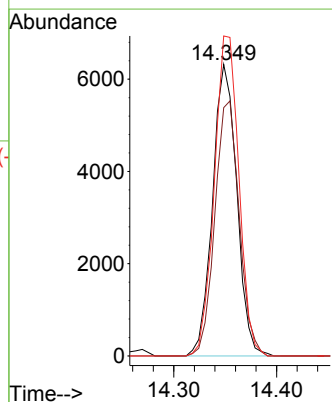
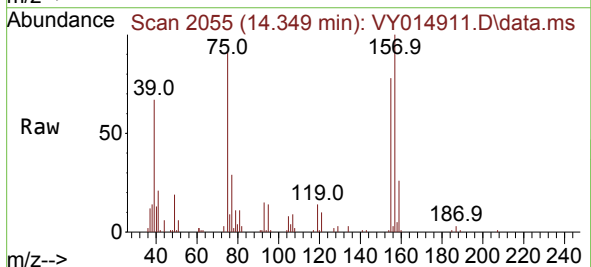
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

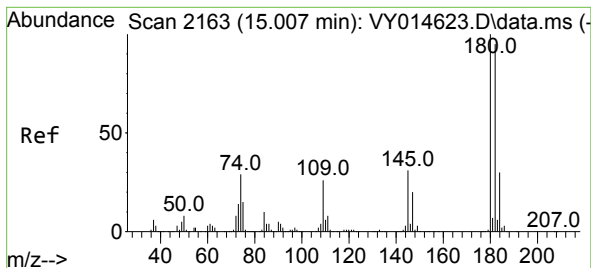
Tgt Ion:146 Resp: 86574
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.0
 148 62.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.753 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

Tgt Ion: 75 Resp: 10320
 Ion Ratio Lower Upper
 75 100
 155 88.2 41.5 124.6
 157 111.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.780 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

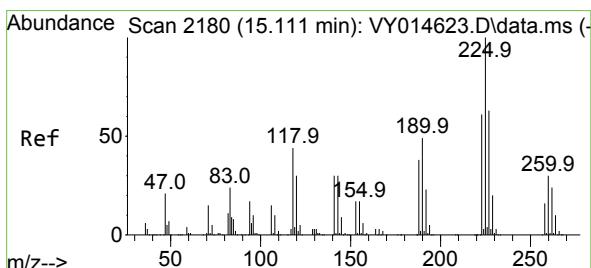
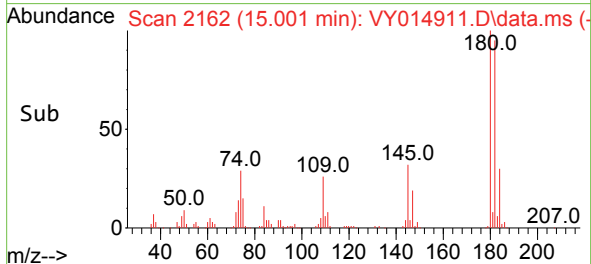
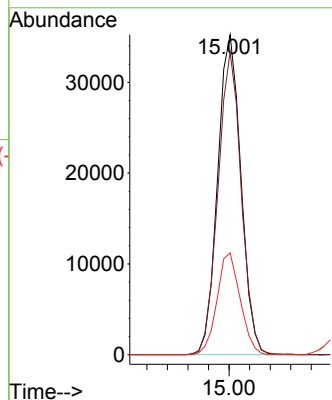
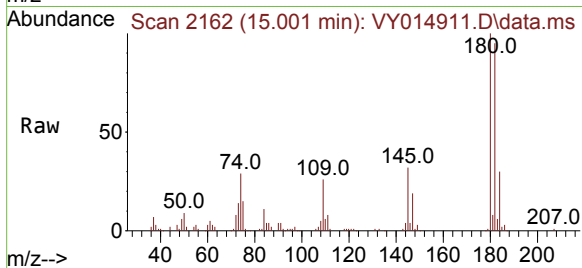
Tgt Ion:180 Resp: 55331

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 17.774 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

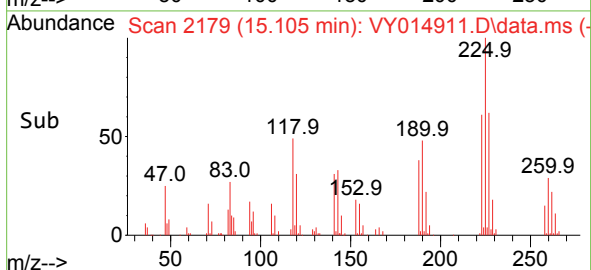
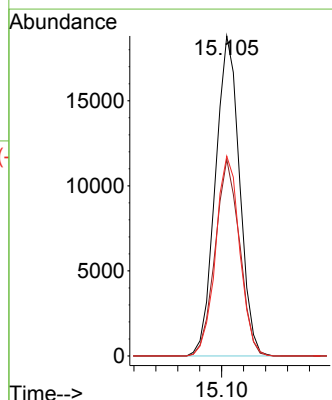
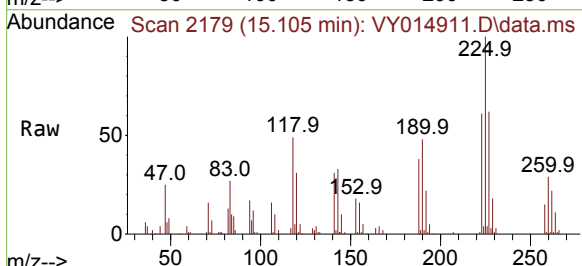
Tgt Ion:225 Resp: 28777

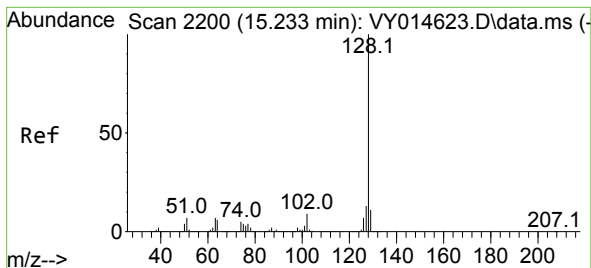
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 62.1 33.0 98.9





#95

Naphthalene

Concen: 20.229 ug/l

RT: 15.226 min Scan# 2199

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

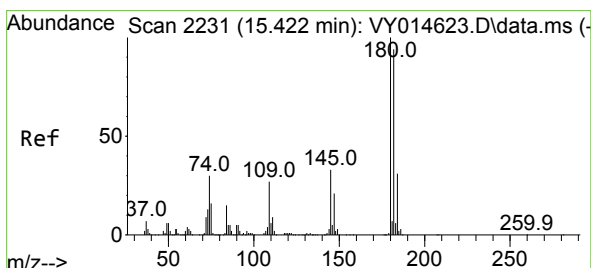
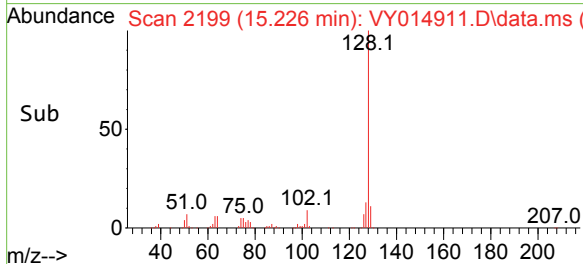
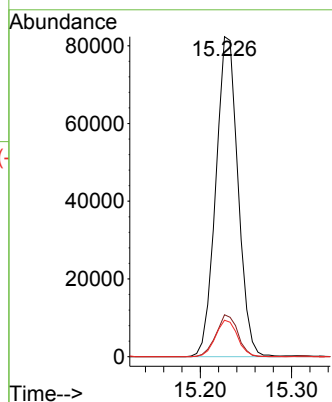
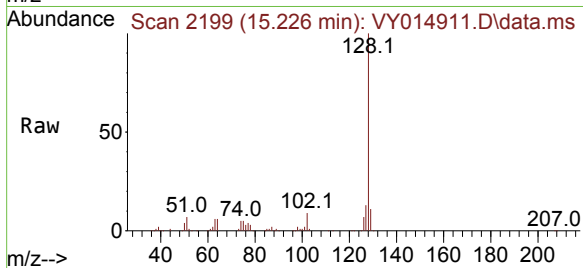
Tgt Ion:128 Resp: 138855

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.137 ug/l

RT: 15.415 min Scan# 2230

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion:180 Resp: 50110

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.7 15.4 46.2

