

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014691.D
 Acq On : 18 Jul 2023 10:48
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 04:00:44 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	7.789	168	263324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147631	49.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.716	113	135651	49.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.179	98	494653	49.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.477	95	187808	48.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47445	22.115	ug/l	98
3) Chloromethane	2.107	50	58677	24.331	ug/l	97
4) Vinyl Chloride	2.247	62	64818	24.050	ug/l	97
5) Bromomethane	2.625	94	43627	24.494	ug/l	95
6) Chloroethane	2.784	64	40121	23.832	ug/l	96
7) Trichlorofluoromethane	3.113	101	93852	20.734	ug/l	99
8) Diethyl Ether	3.521	74	34092	20.242	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	54891	19.784	ug/l	96
10) Methyl Iodide	4.082	142	53831	19.805	ug/l	97
11) Tert butyl alcohol	4.948	59	93666	141.430	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	51642	19.915	ug/l	92
13) Acrolein	3.723	56	28800	91.828	ug/l	99
14) Allyl chloride	4.472	41	83873	18.217	ug/l	97
15) Acrylonitrile	5.155	53	100979	108.729	ug/l	99
16) Acetone	3.948	43	95026	99.935	ug/l	93
17) Carbon Disulfide	4.186	76	143712	19.358	ug/l	98
18) Methyl Acetate	4.472	43	81029	22.206	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	169032	20.067	ug/l	99
20) Methylene Chloride	4.710	84	66540	18.916	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	57225	19.446	ug/l	96
22) Diisopropyl ether	6.119	45	175521	18.751	ug/l	93
23) Vinyl Acetate	6.058	43	548273	97.877	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	101557	18.961	ug/l	96
25) 2-Butanone	6.984	43	151879	109.177	ug/l	94
26) 2,2-Dichloropropane	6.978	77	100330	19.655	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	67417	19.682	ug/l	97
28) Bromochloromethane	7.332	49	45989	19.937	ug/l	90
29) Tetrahydrofuran	7.344	42	96586	112.756	ug/l	92
30) Chloroform	7.502	83	106852	19.346	ug/l	95
31) Cyclohexane	7.783	56	93290	18.729	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	97536	19.621	ug/l	99
36) 1,1-Dichloropropene	7.911	75	82004	20.073	ug/l	99
37) Ethyl Acetate	7.070	43	61895	22.005	ug/l #	94
38) Carbon Tetrachloride	7.899	117	86927	20.129	ug/l	100
39) Methylcyclohexane	9.179	83	103515	19.449	ug/l	94
40) Benzene	8.155	78	228439	19.661	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	86237	59.607	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	74526	20.255	ug/l	94
43) Isopropyl Acetate	8.271	43	112222	20.945	ug/l	97
44) Trichloroethene	8.935	130	65140	20.038	ug/l	97
45) 1,2-Dichloropropane	9.216	63	58583	19.309	ug/l	99
46) Dibromomethane	9.301	93	37639	20.450	ug/l	96
47) Bromodichloromethane	9.496	83	84622	19.507	ug/l	100
48) Methyl methacrylate	9.289	41	49070	20.353	ug/l	91
49) 1,4-Dioxane	9.295	88	13962	465.217	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	313622	111.483	ug/l	94
52) Toluene	10.240	92	147242	19.804	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	92440	19.481	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99924	19.365	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	52428	20.449	ug/l	96
56) Ethyl methacrylate	10.508	69	82009	20.950	ug/l	89
57) 1,3-Dichloropropane	10.788	76	89665	20.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	189029	103.637	ug/l	92
59) 2-Hexanone	10.831	43	229649	111.940	ug/l	92
60) Dibromochloromethane	10.983	129	64459	20.506	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53851	21.055	ug/l	99
64) Tetrachloroethene	10.715	164	63987	21.069	ug/l	98
65) Chlorobenzene	11.514	112	161340	20.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	61217	20.177	ug/l	99
67) Ethyl Benzene	11.587	91	287447	19.785	ug/l	99
68) m/p-Xylenes	11.697	106	225597	40.677	ug/l	95
69) o-Xylene	12.026	106	109737	20.315	ug/l	99
70) Styrene	12.044	104	185546	20.380	ug/l	98
71) Bromoform	12.203	173	44150	21.468	ug/l #	100
73) Isopropylbenzene	12.325	105	290072	18.994	ug/l	100
74) N-amyl acetate	12.142	43	101410	19.827	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	70903	20.359	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	93733	38.053	ug/l #	100
77) Bromobenzene	12.605	156	67605	19.394	ug/l	94
78) n-propylbenzene	12.666	91	347718	18.895	ug/l	100
79) 2-Chlorotoluene	12.751	91	198195	18.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	242229	18.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	25398	19.963	ug/l	94
82) 4-Chlorotoluene	12.849	91	203339	18.627	ug/l	100
83) tert-Butylbenzene	13.075	119	214826	18.988	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	240028	19.177	ug/l	99
85) sec-Butylbenzene	13.251	105	320136	19.290	ug/l	100
86) p-Isopropyltoluene	13.367	119	263966	19.481	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	133871	19.732	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134254	19.747	ug/l	98
89) n-Butylbenzene	13.696	91	250645	19.013	ug/l	96
90) Hexachloroethane	13.959	117	51832	18.623	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	122893	19.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14051	21.098	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	79475	20.141	ug/l	99
94) Hexachlorobutadiene	15.111	225	42717	19.700	ug/l	97
95) Naphthalene	15.233	128	194867	21.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	71607	20.419	ug/l	99

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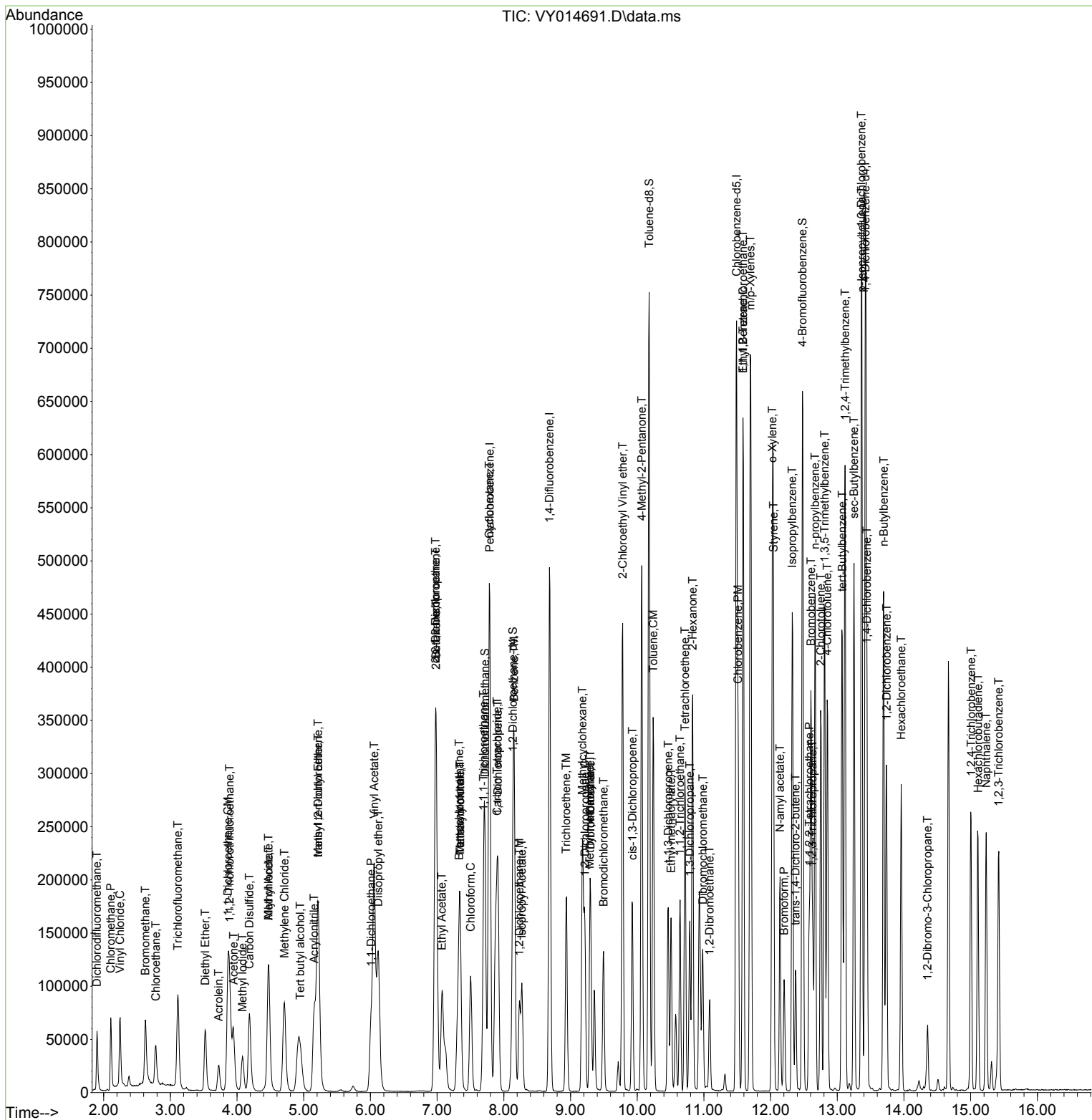
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

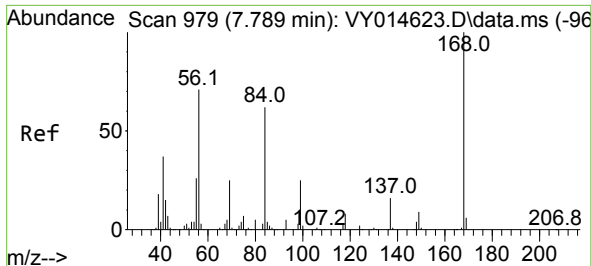
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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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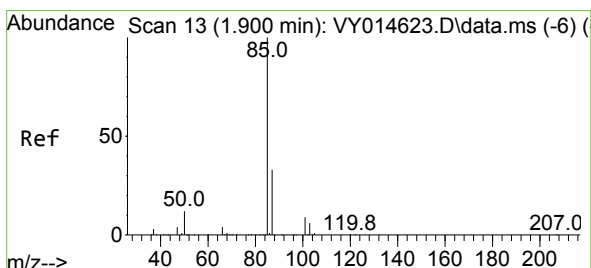
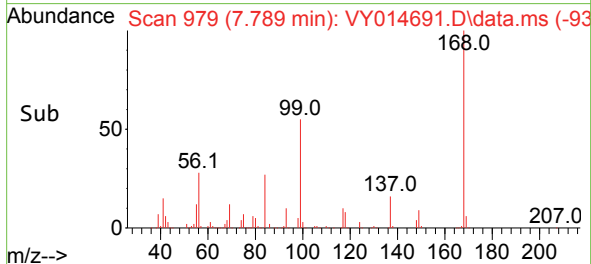
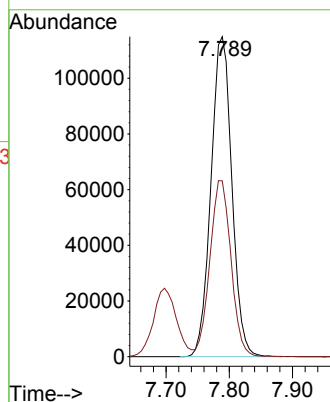
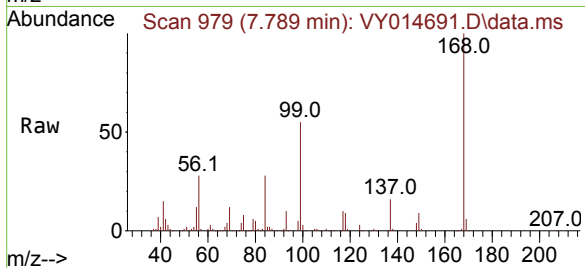




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014691.D
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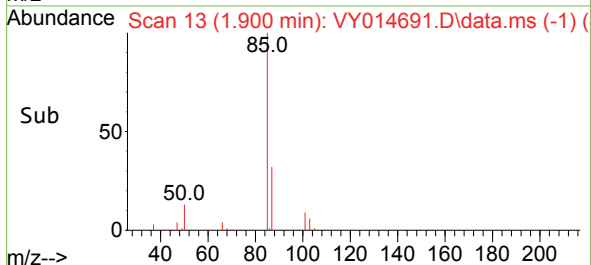
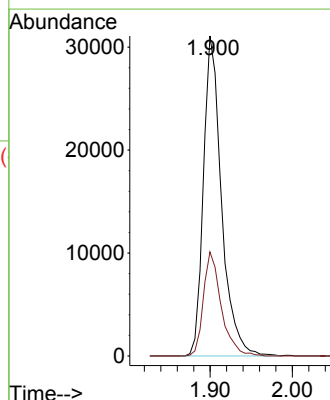
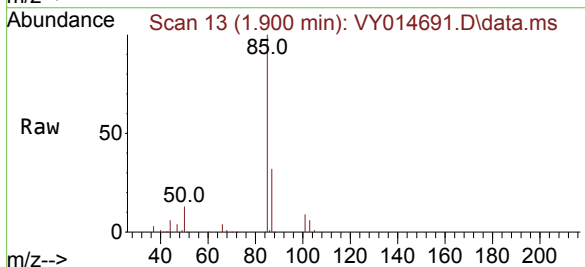
Instrument :
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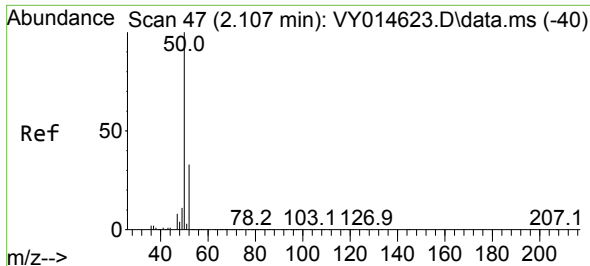
Tgt Ion:168 Resp: 263324
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.115 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 85 Resp: 47445
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

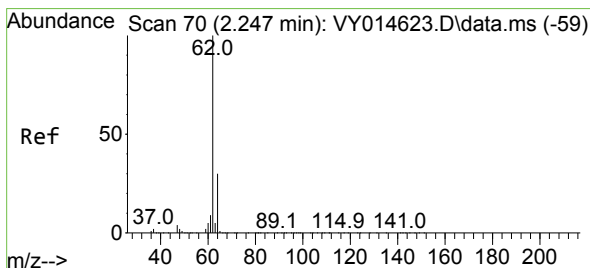
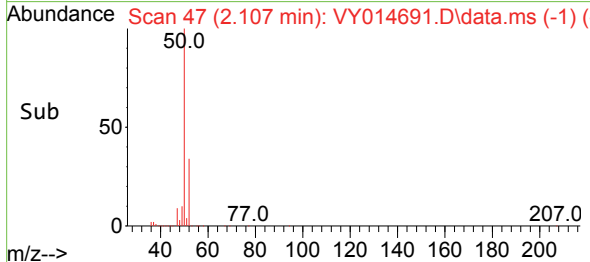
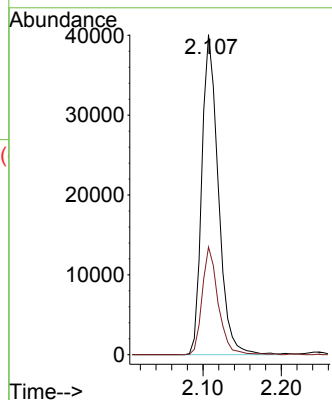
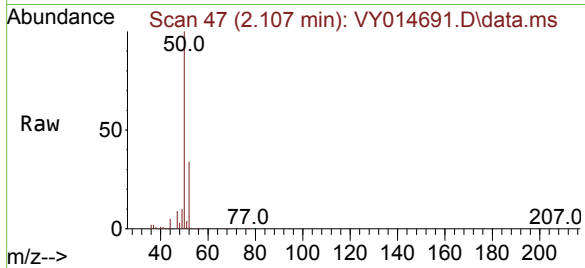




#3
Chloromethane
Concen: 24.331 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

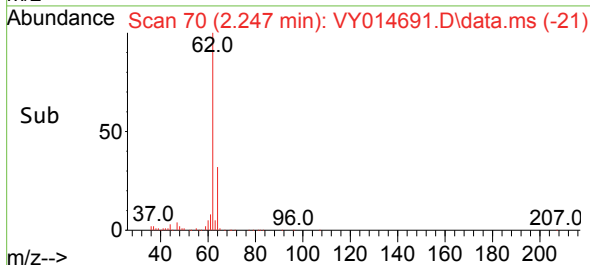
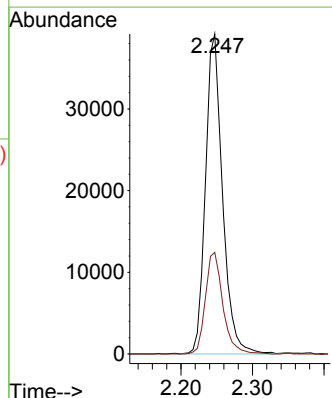
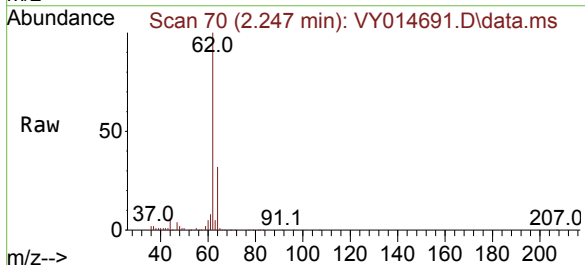
Instrument :
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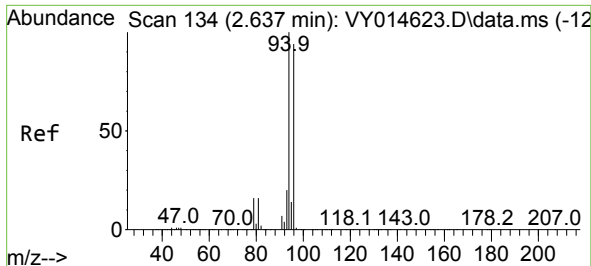
Tgt Ion: 50 Resp: 58677
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 24.050 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 62 Resp: 64818
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

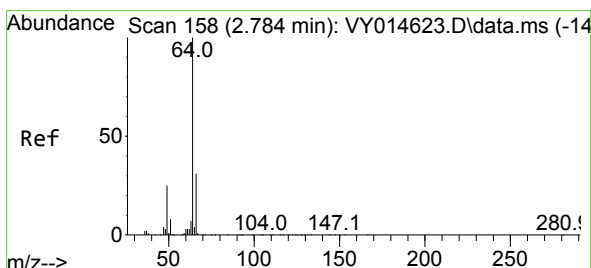
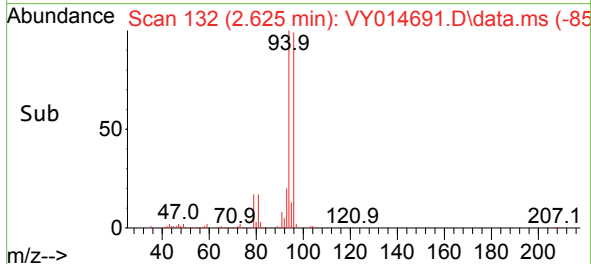
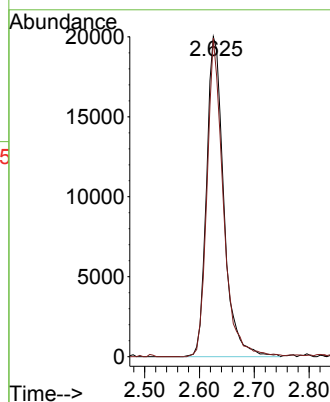
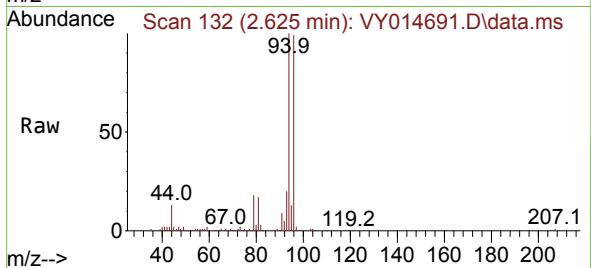




#5
Bromomethane
Concen: 24.494 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

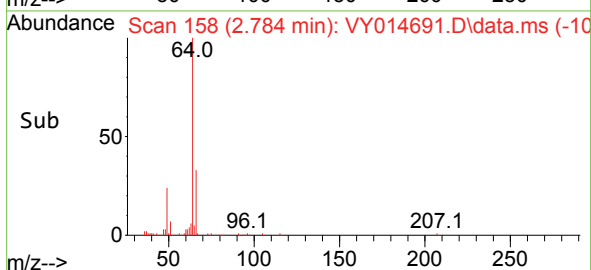
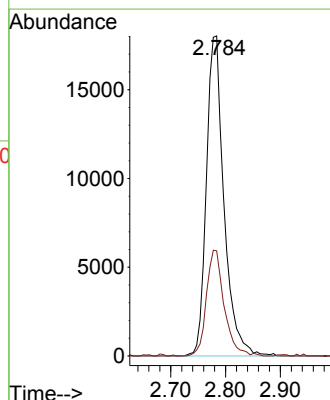
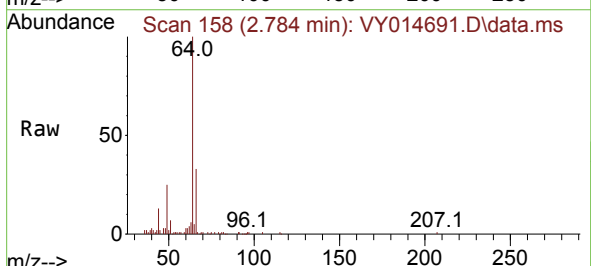
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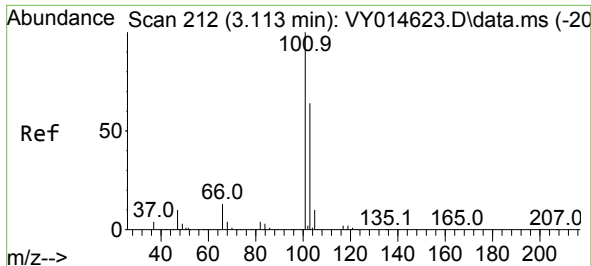
Tgt Ion: 94 Resp: 43627
Ion Ratio Lower Upper
94 100
96 99.5 75.8 113.6



#6
Chloroethane
Concen: 23.832 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 64 Resp: 40121
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

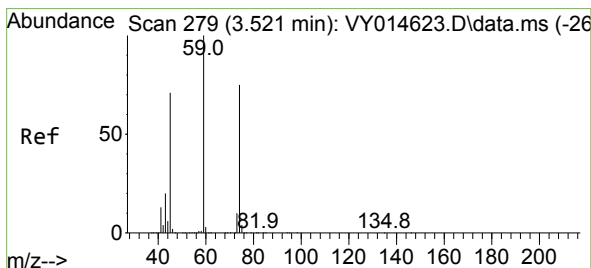
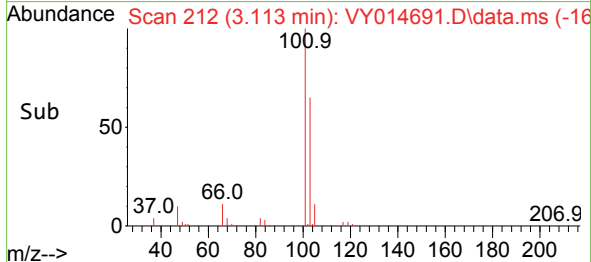
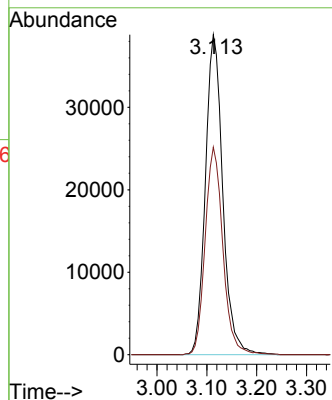
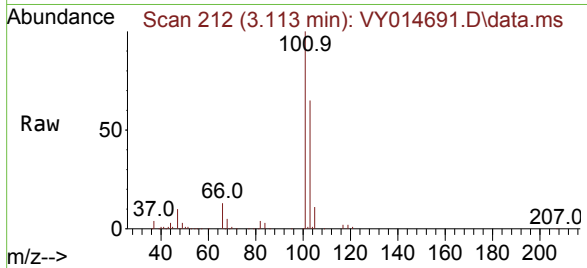




#7
 Trichlorofluoromethane
 Concen: 20.734 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

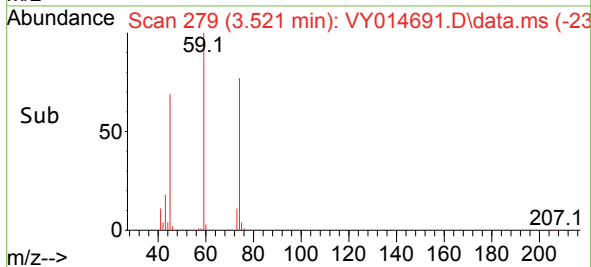
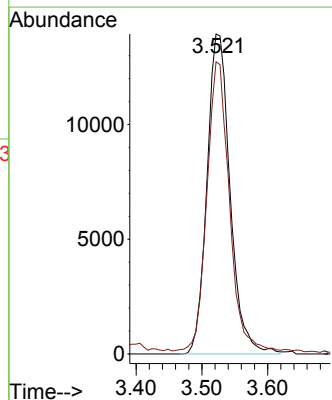
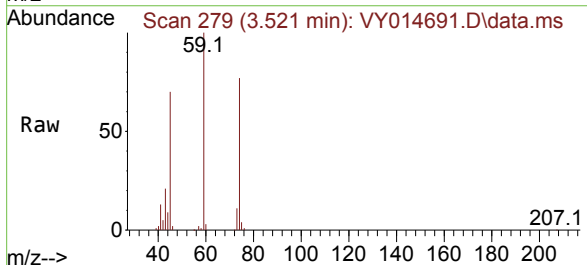
Instrument :
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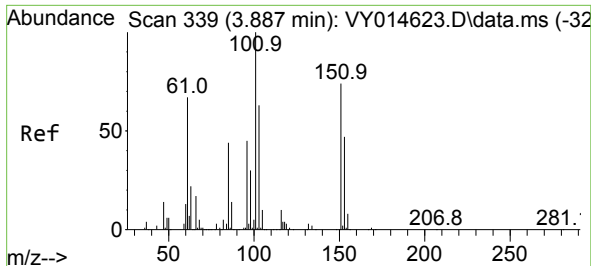
Tgt Ion:101 Resp: 93852
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.242 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014691.D
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Tgt Ion: 74 Resp: 34092
 Ion Ratio Lower Upper
 74 100
 45 87.2 51.5 154.5

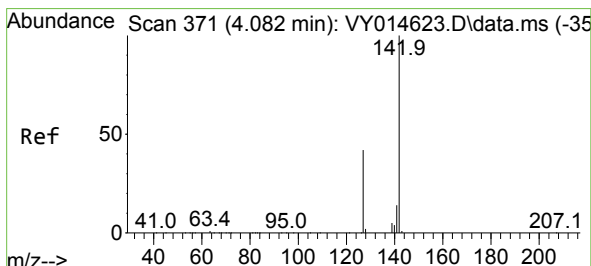
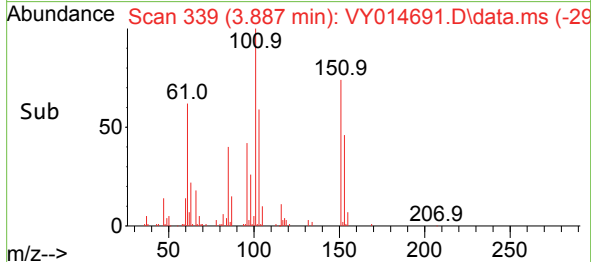
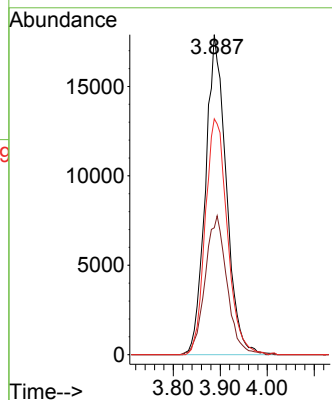
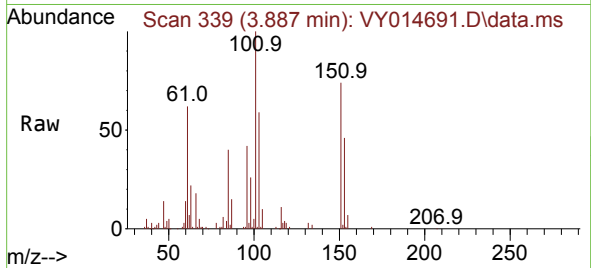




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.784 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

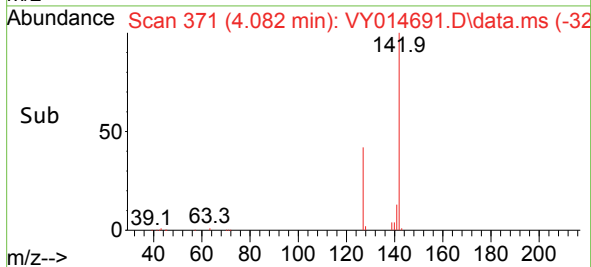
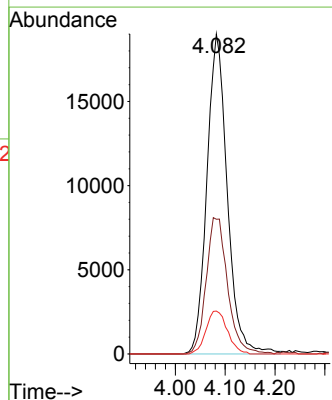
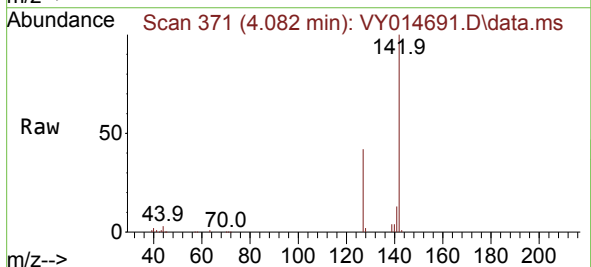
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

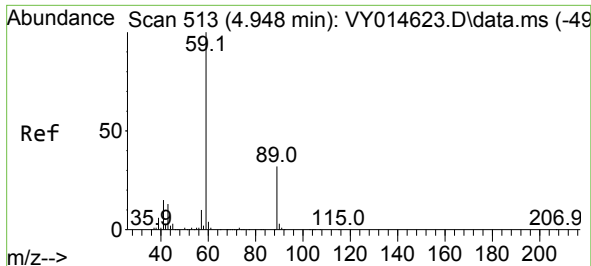
Tgt Ion:101 Resp: 54891
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 19.805 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:142 Resp: 53831
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.2 11.8 17.8

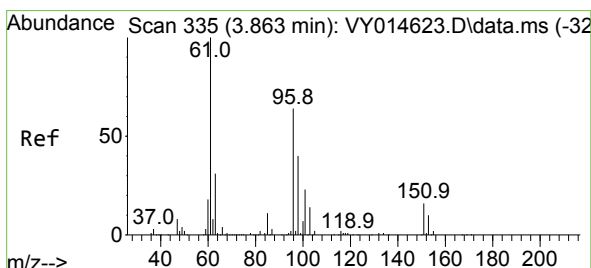
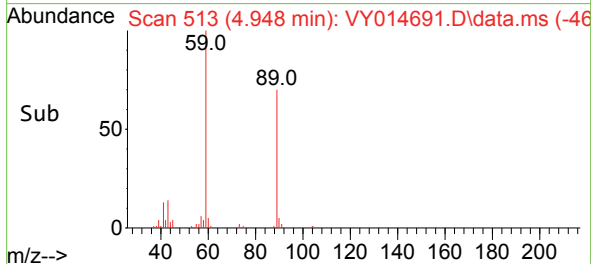
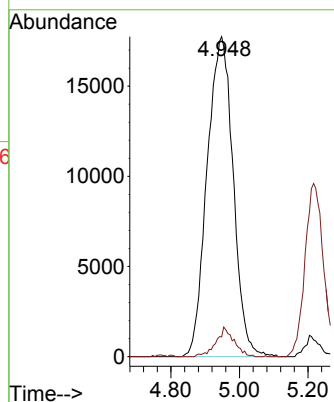
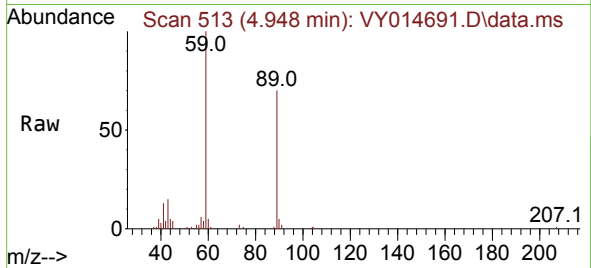




#11
Tert butyl alcohol
Concen: 141.430 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

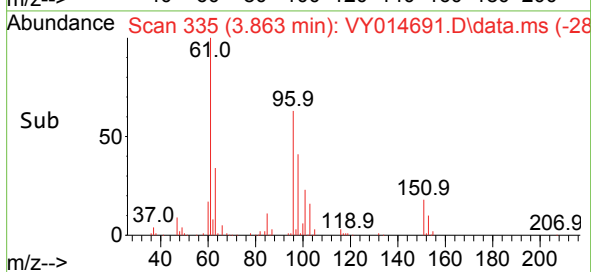
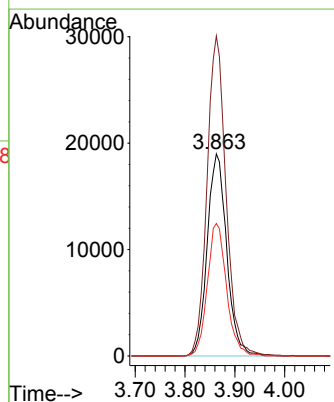
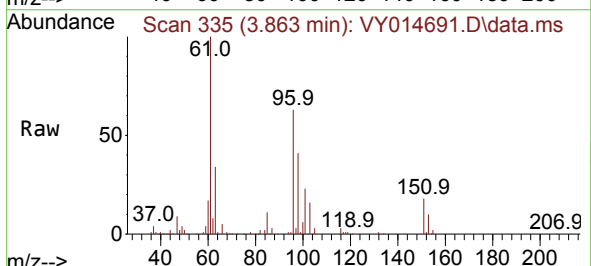
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

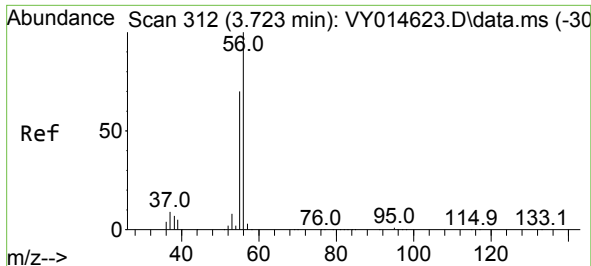
Tgt Ion: 59 Resp: 93666
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.915 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 96 Resp: 51642
Ion Ratio Lower Upper
96 100
61 158.3 136.4 204.6
98 65.6 49.4 74.2

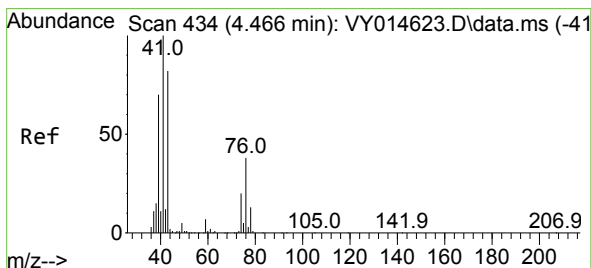
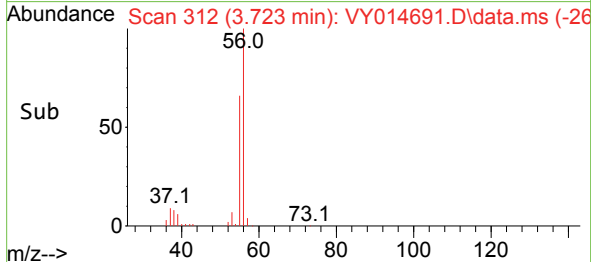
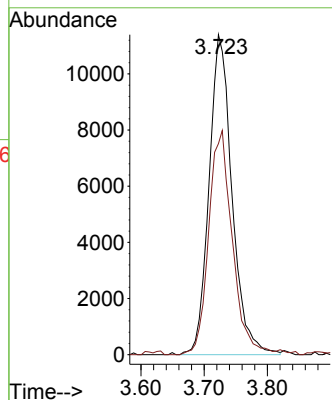
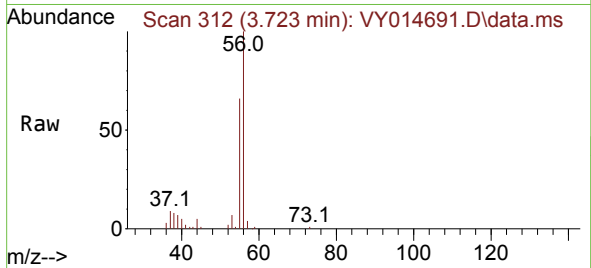




#13
Acrolein
Concen: 91.828 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

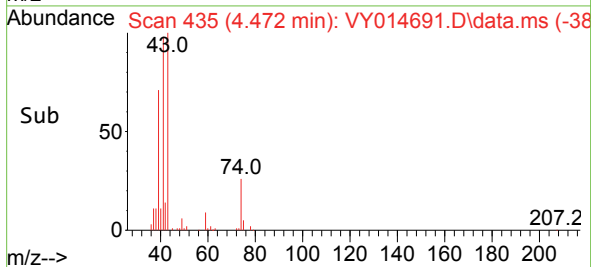
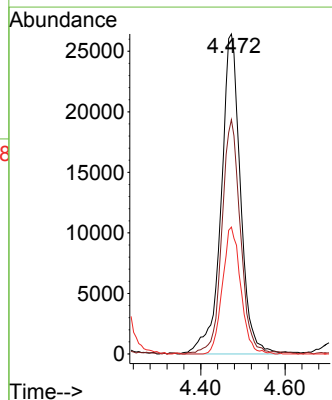
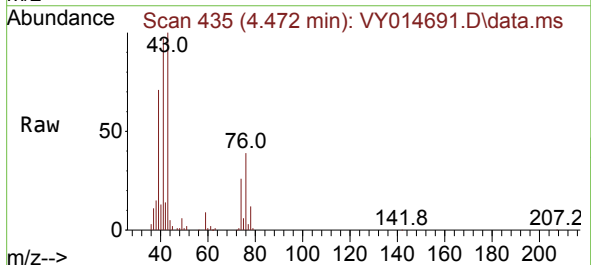
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

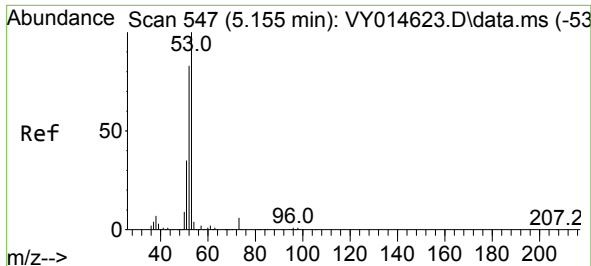
Tgt Ion: 56 Resp: 28800
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.4



#14
Allyl chloride
Concen: 18.217 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 41 Resp: 83873
Ion Ratio Lower Upper
41 100
39 70.7 58.0 87.0
76 37.4 27.4 41.2

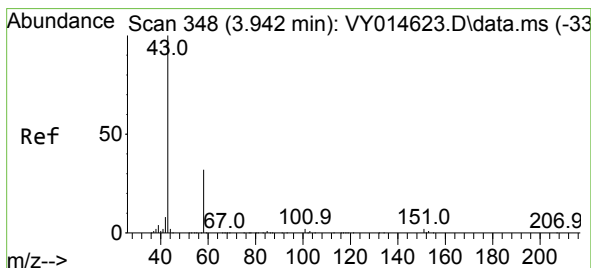
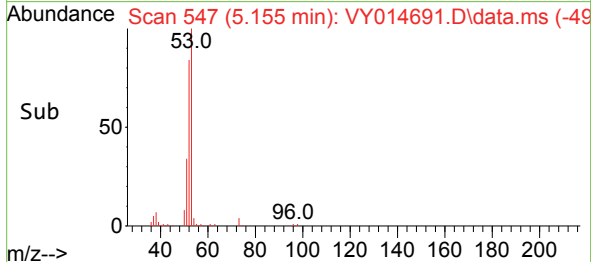
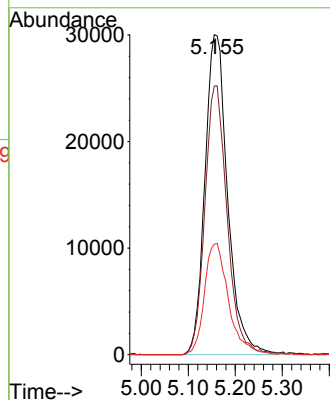
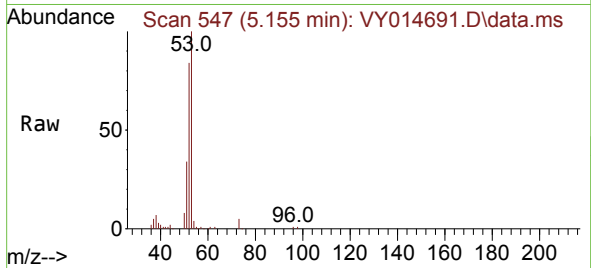




#15
Acrylonitrile
Concen: 108.729 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

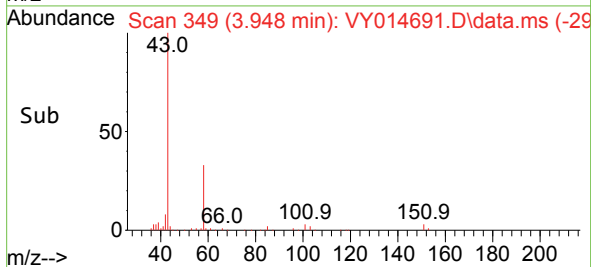
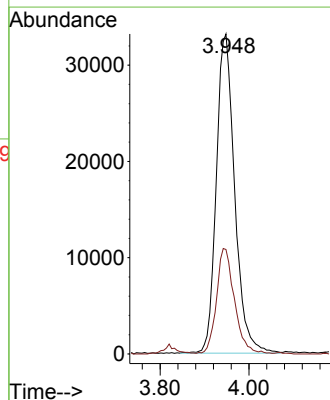
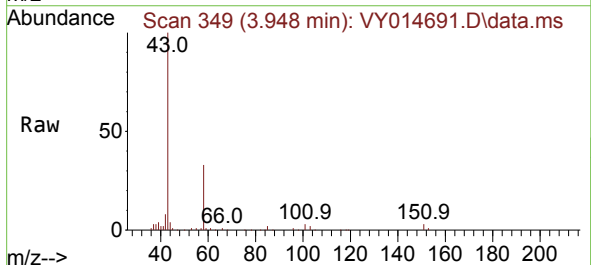
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

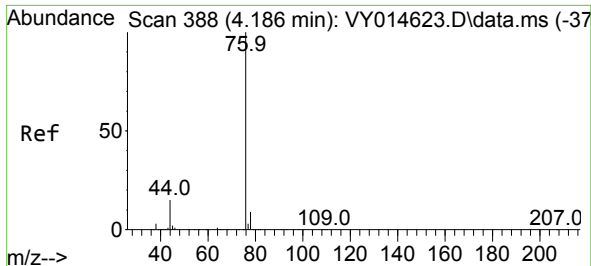
Tgt Ion: 53 Resp: 100979
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 99.935 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 43 Resp: 95026
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

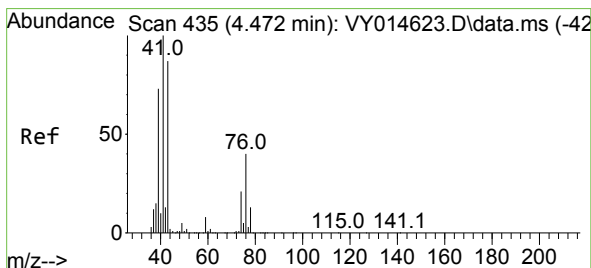
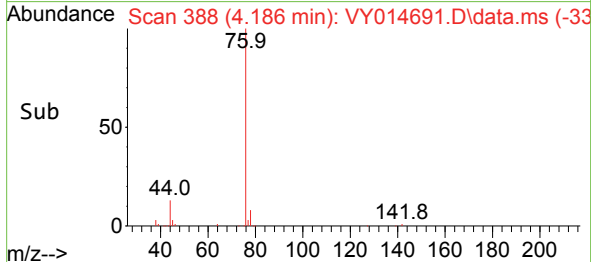
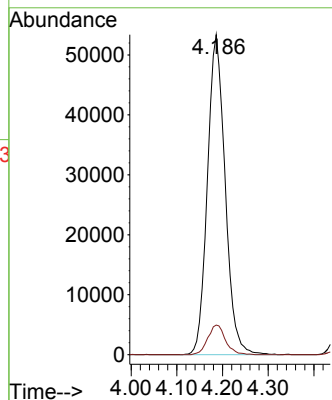
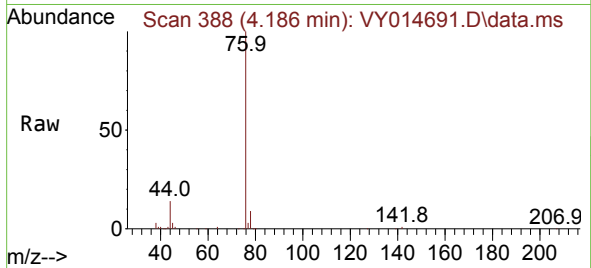




#17
Carbon Disulfide
Concen: 19.358 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

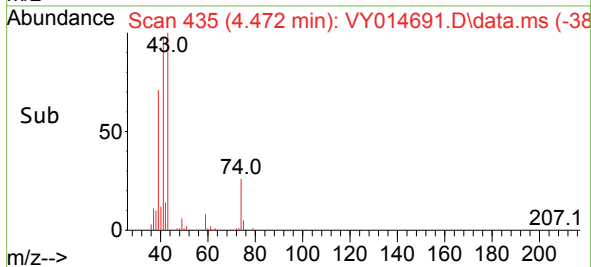
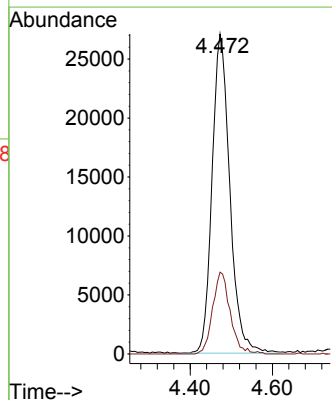
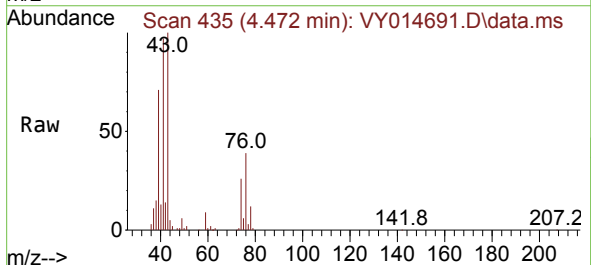
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

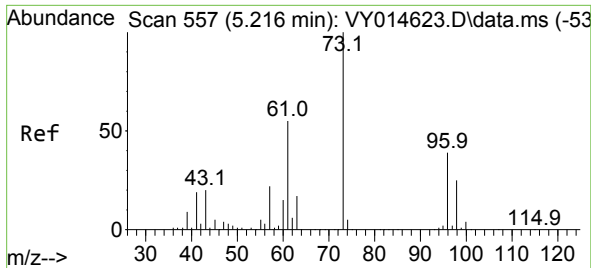
Tgt Ion: 76 Resp: 143712
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 22.206 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 43 Resp: 81029
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

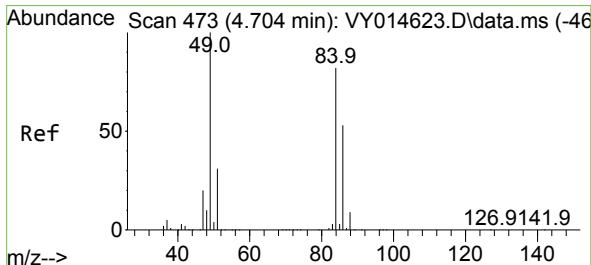
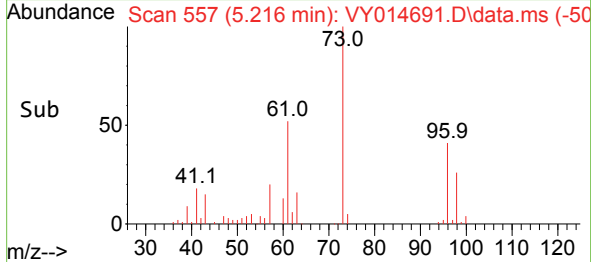
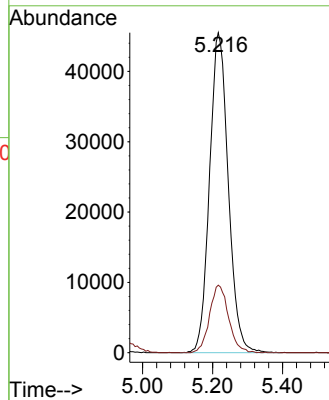
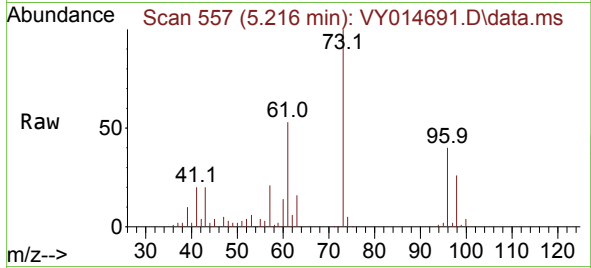




#19
Methyl tert-butyl Ether
Concen: 20.067 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

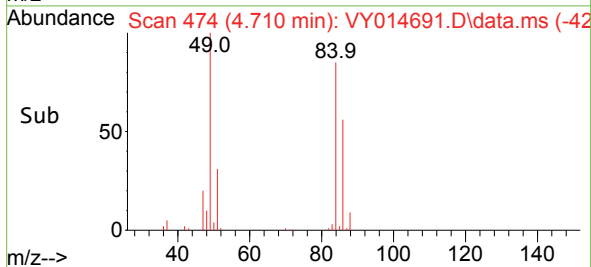
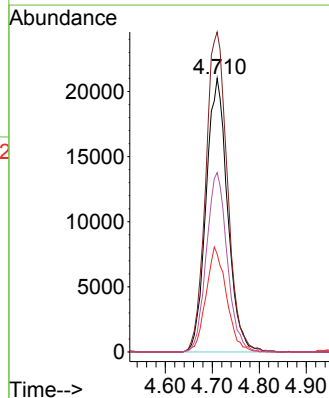
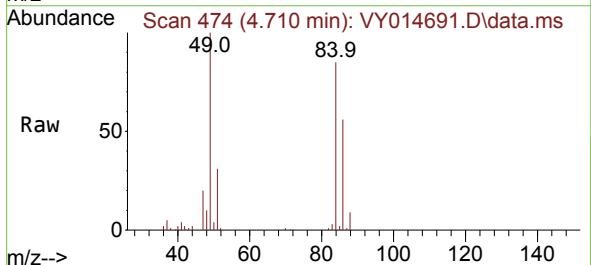
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

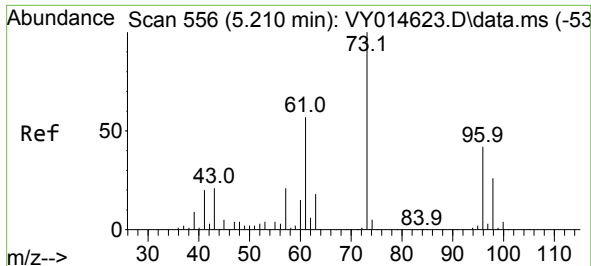
Tgt Ion: 73 Resp: 169032
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 18.916 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 84 Resp: 66540
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 35.8 33.2 49.8
86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.446 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

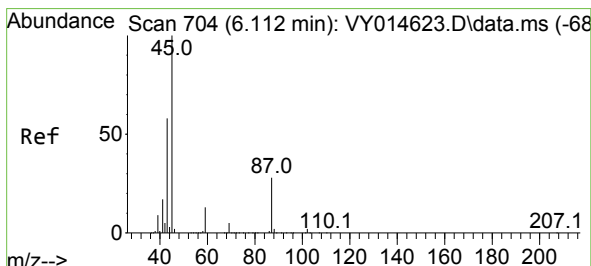
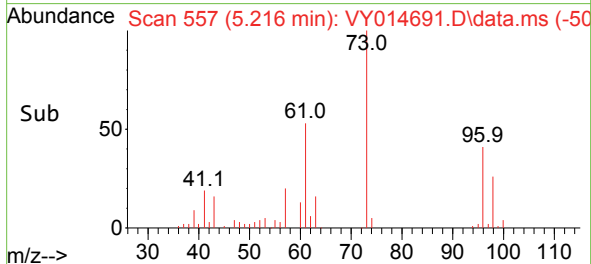
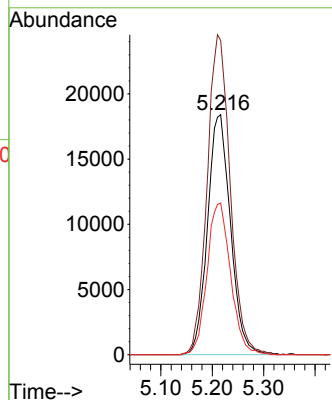
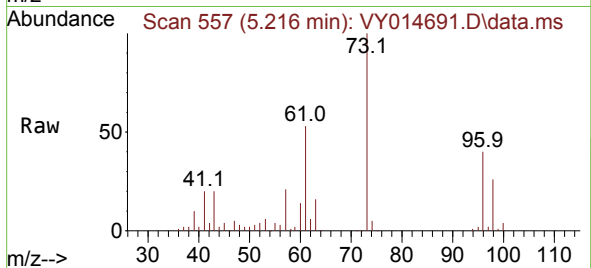
Tgt Ion: 96 Resp: 57225

Ion Ratio Lower Upper

96 100

61 130.9 110.2 165.4

98 63.2 51.8 77.6



#22

Diisopropyl ether

Concen: 18.751 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.007 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion: 45 Resp: 175521

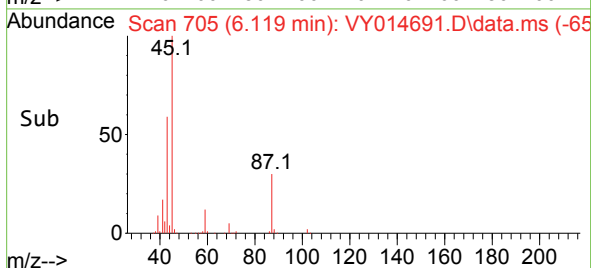
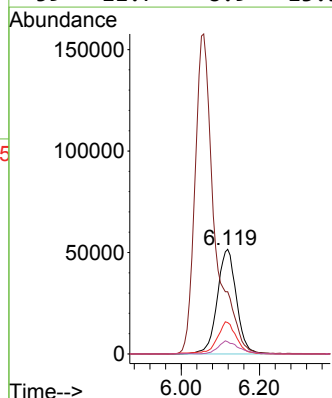
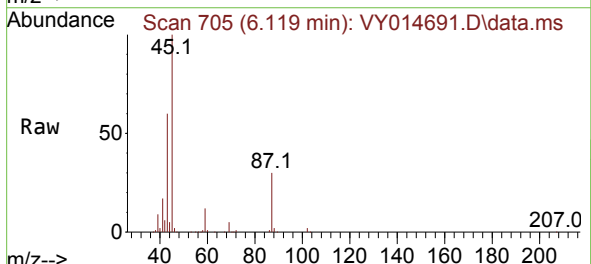
Ion Ratio Lower Upper

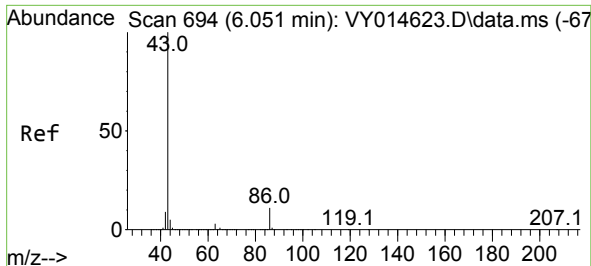
45 100

43 58.8 52.2 78.4

87 30.0 21.0 31.6

59 11.7 8.9 13.3

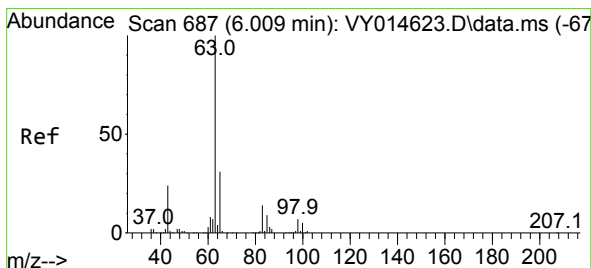
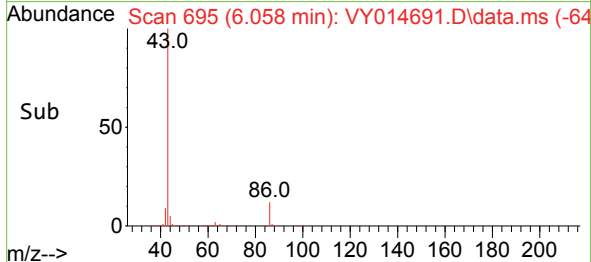
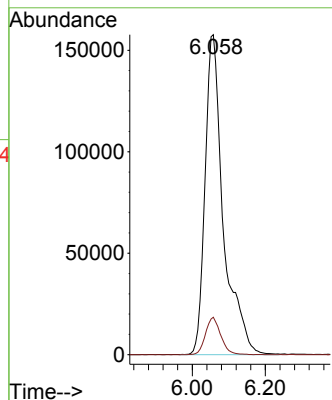
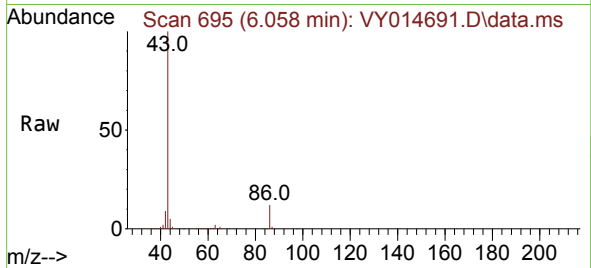




#23
 Vinyl Acetate
 Concen: 97.877 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

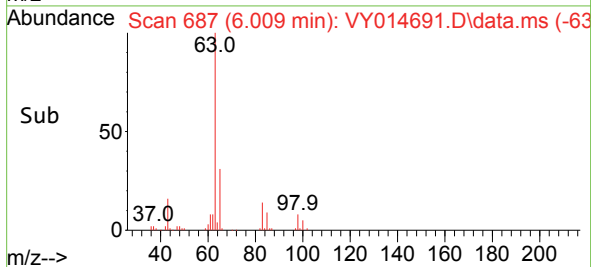
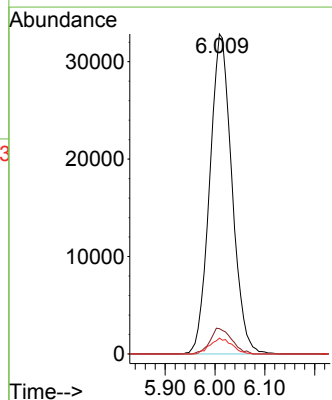
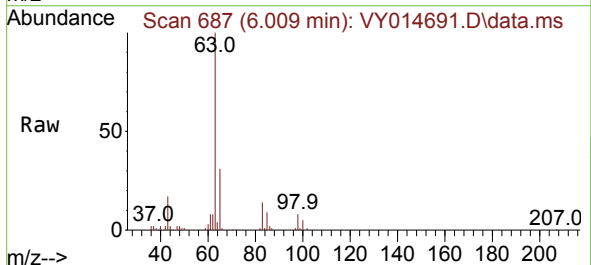
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

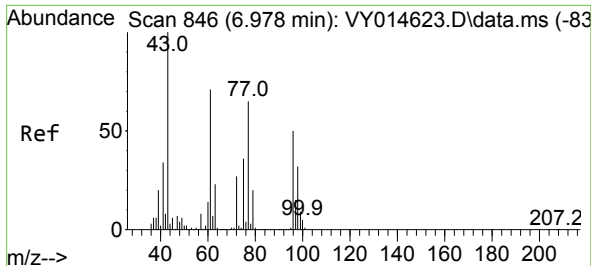
Tgt Ion: 43 Resp: 548273
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.961 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

Tgt Ion: 63 Resp: 101557
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.0 1.8 5.5

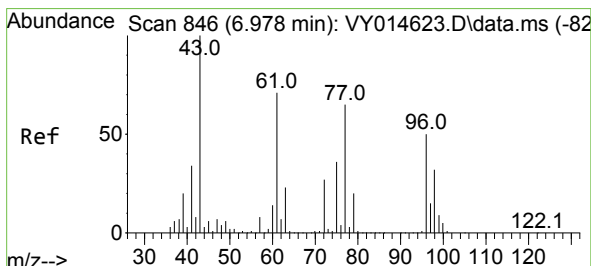
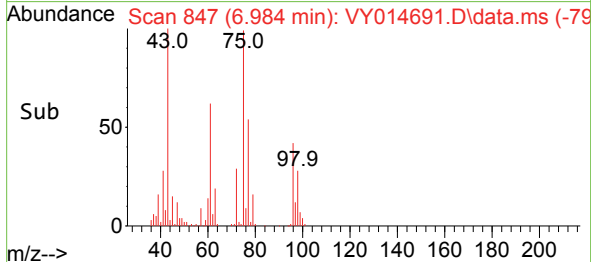
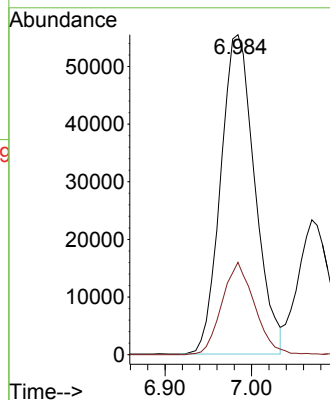
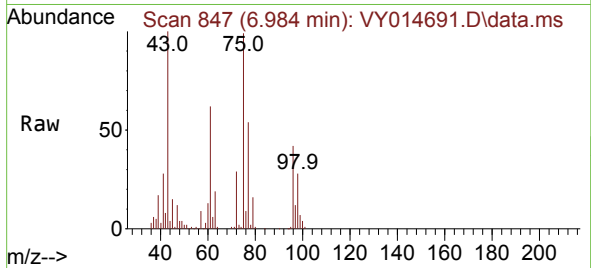




#25
2-Butanone
Concen: 109.177 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

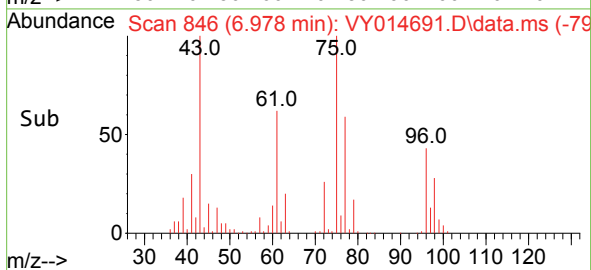
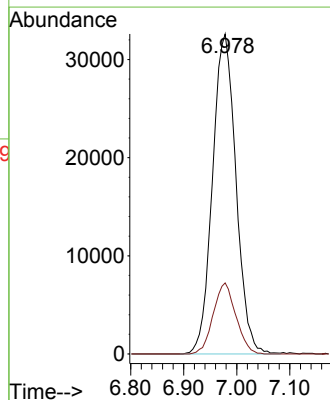
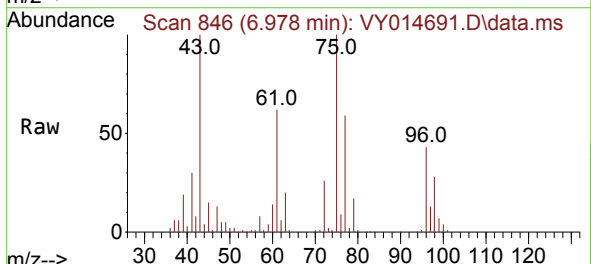
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

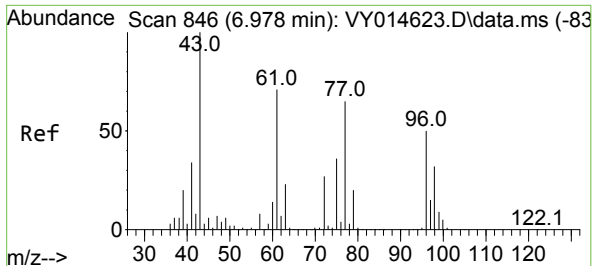
Tgt Ion: 43 Resp: 151879
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.655 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 77 Resp: 100330
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.682 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

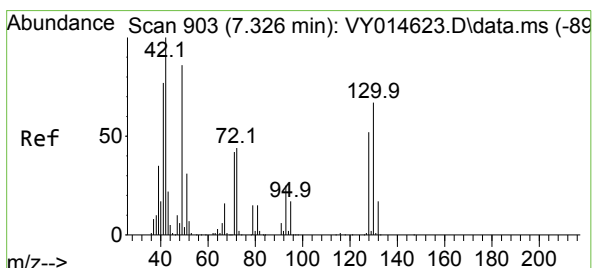
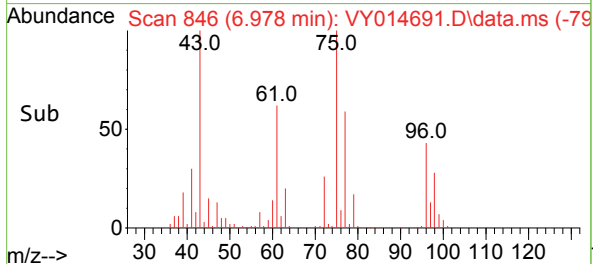
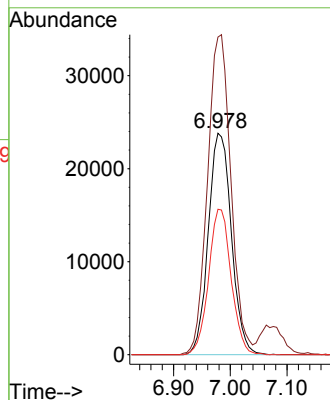
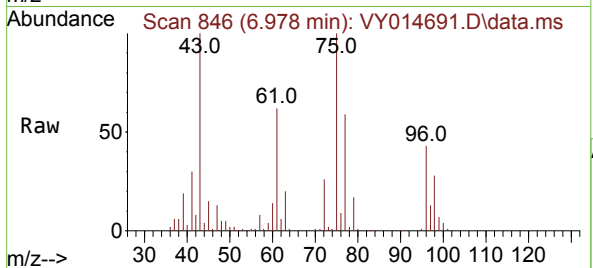
Tgt Ion: 96 Resp: 67417

Ion Ratio Lower Upper

96 100

61 146.2 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 19.937 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

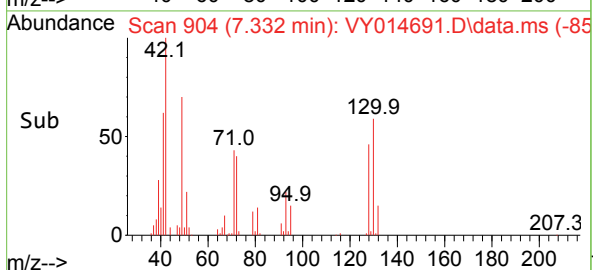
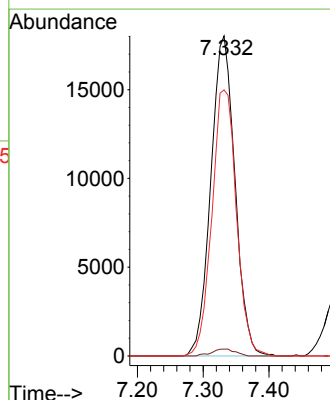
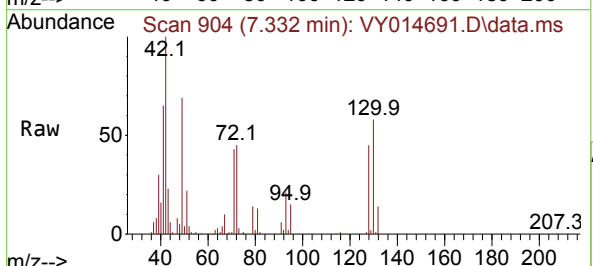
Tgt Ion: 49 Resp: 45989

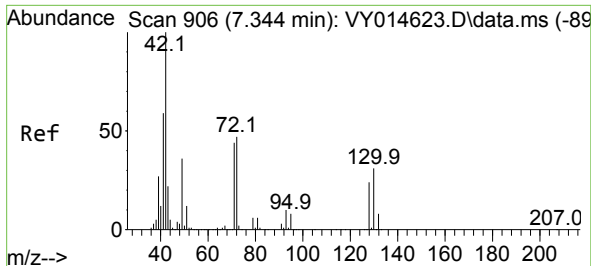
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.5 60.7 91.1

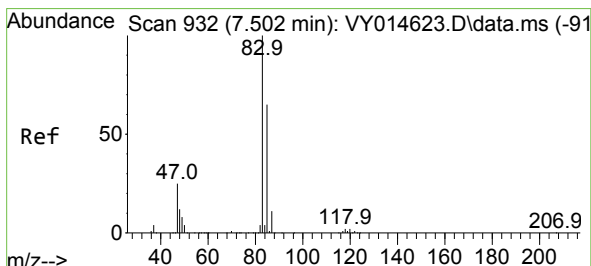
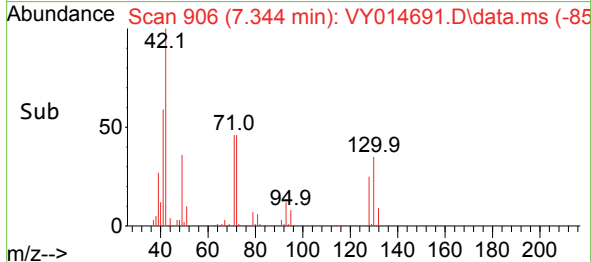
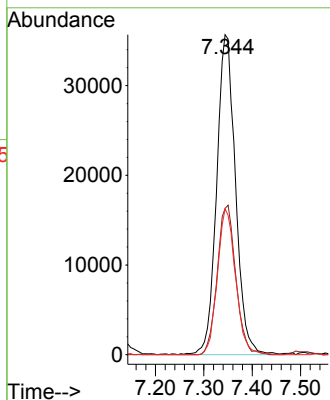
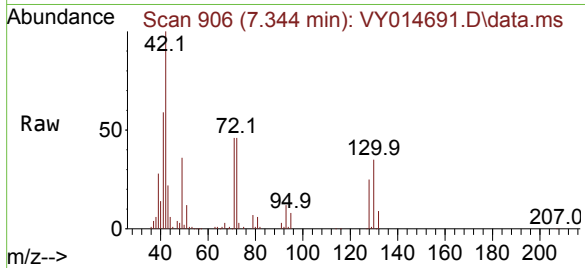




#29
Tetrahydrofuran
Concen: 112.756 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

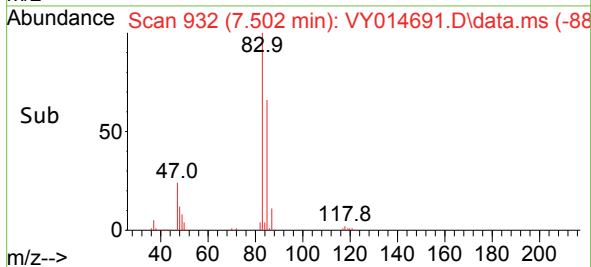
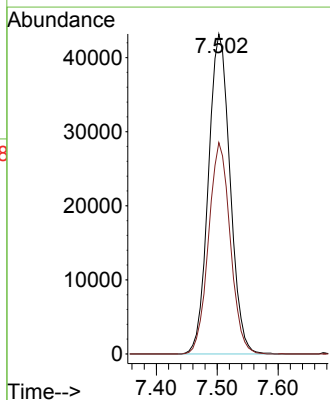
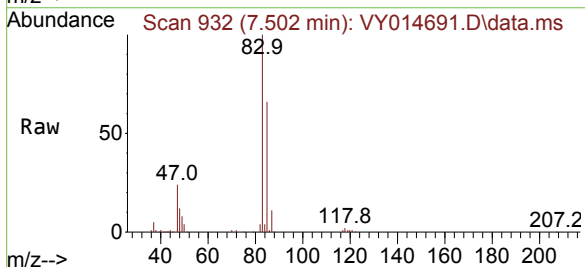
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

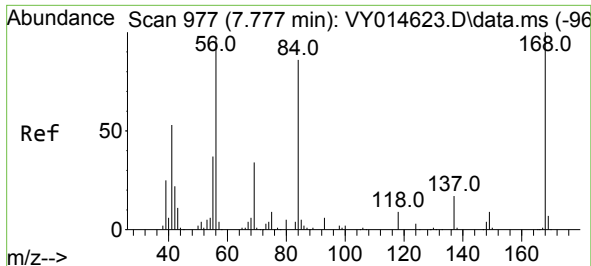
Tgt Ion: 42 Resp: 96586
Ion Ratio Lower Upper
42 100
72 45.9 32.8 49.2
71 43.9 31.0 46.4



#30
Chloroform
Concen: 19.346 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 83 Resp: 106852
Ion Ratio Lower Upper
83 100
85 66.0 49.7 74.5

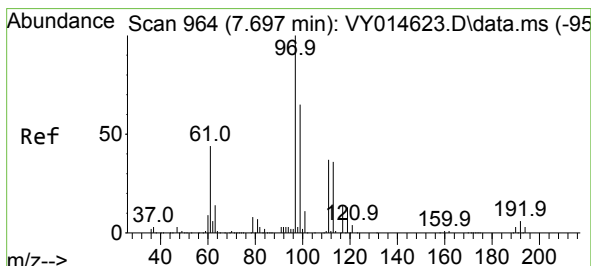
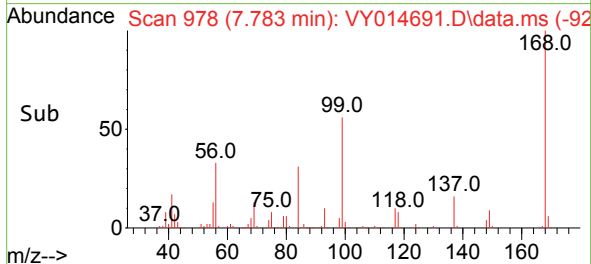
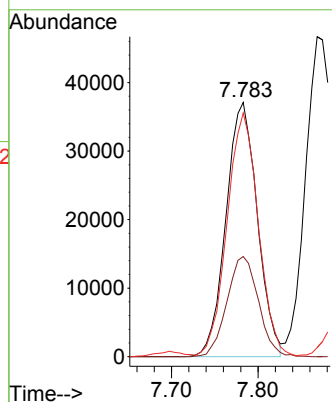
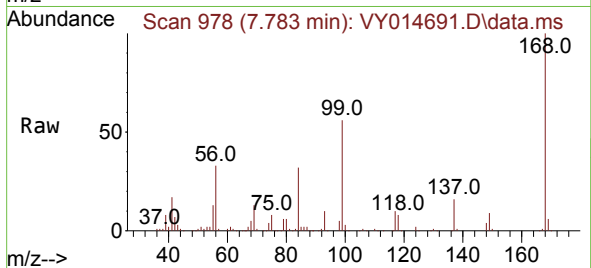




#31
Cyclohexane
Concen: 18.729 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

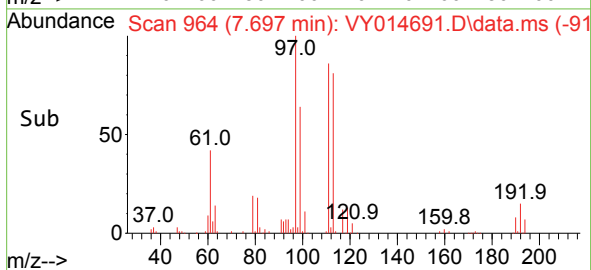
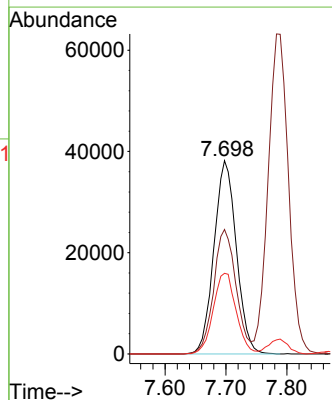
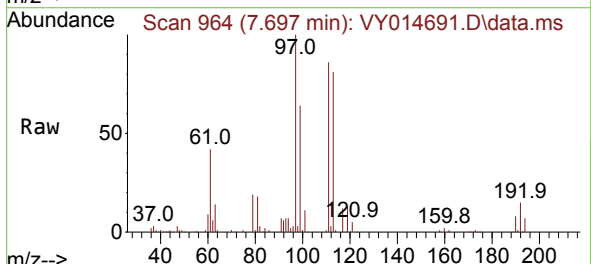
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

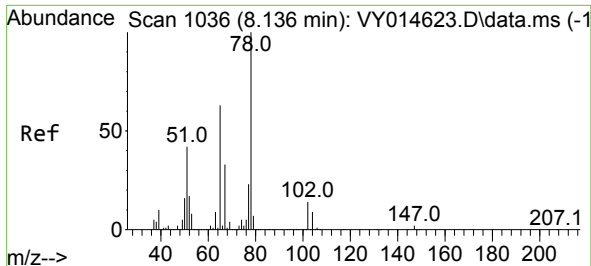
Tgt Ion: 56 Resp: 93290
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.6
84 94.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.621 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 97 Resp: 97536
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 42.7 35.1 52.7

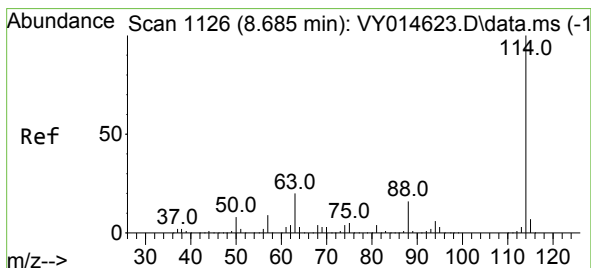
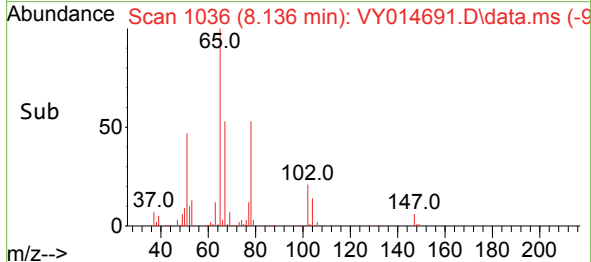
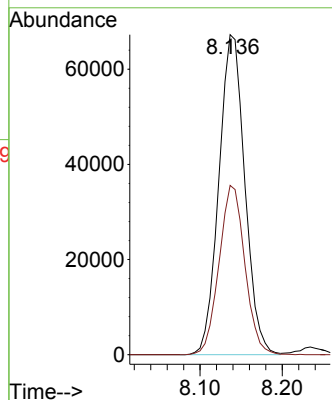
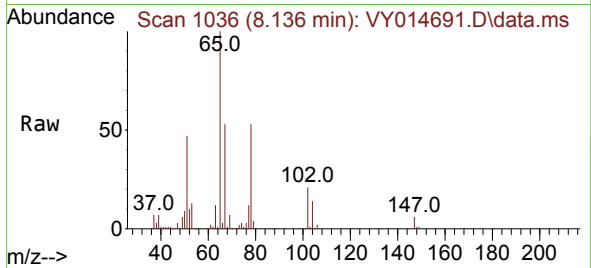




#33
 1,2-Dichloroethane-d4
 Concen: 49.199 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

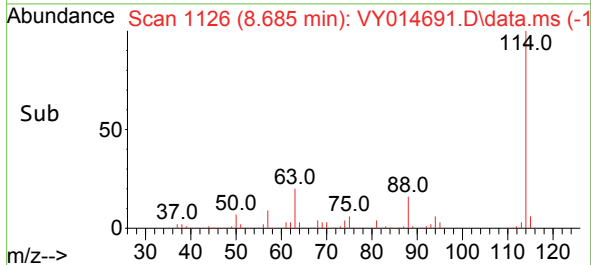
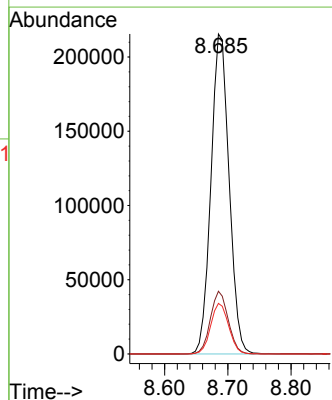
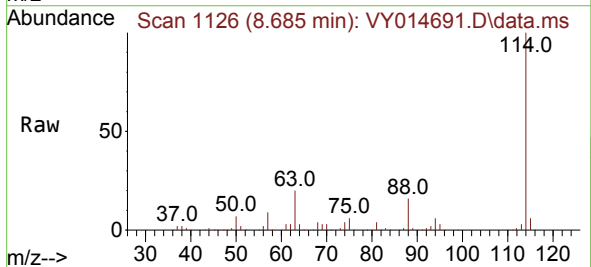
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBSD01

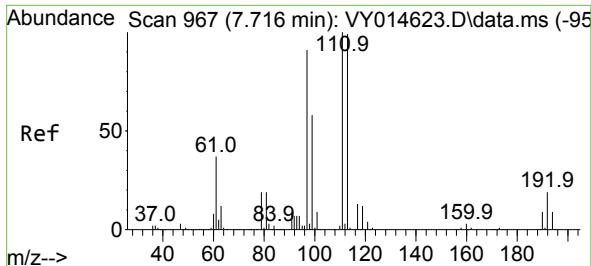
Tgt Ion: 65 Resp: 147631
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

Tgt Ion: 114 Resp: 429140
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.8 0.0 30.6

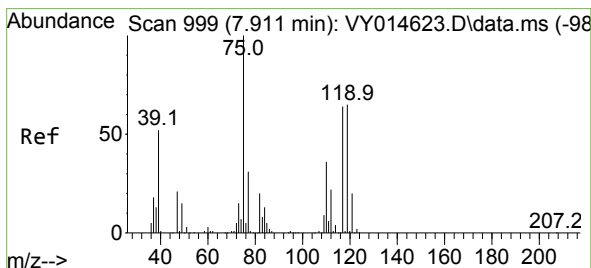
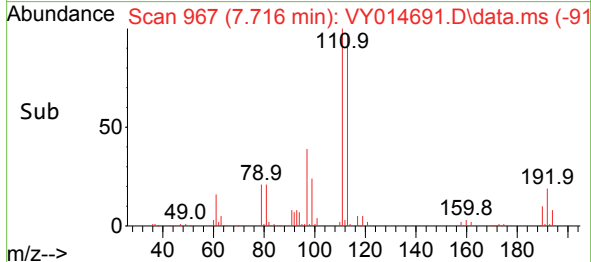
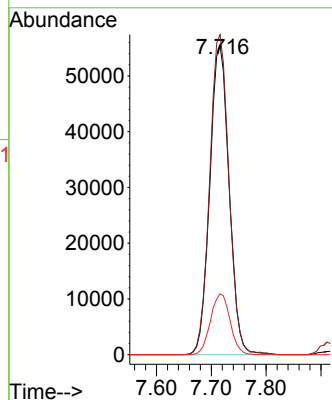
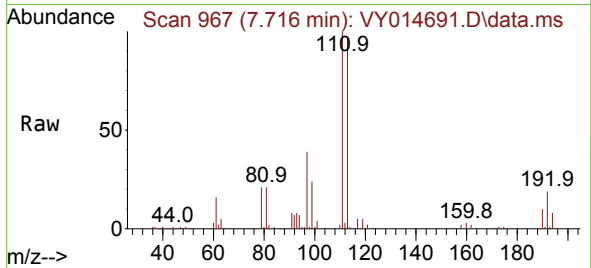




#35
Dibromofluoromethane
Concen: 49.656 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

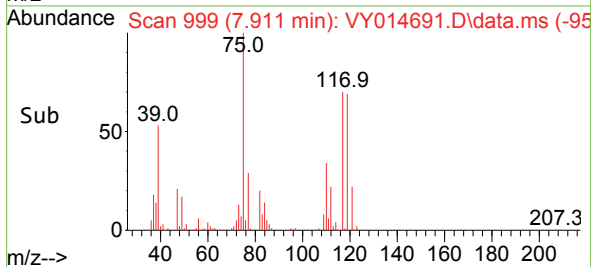
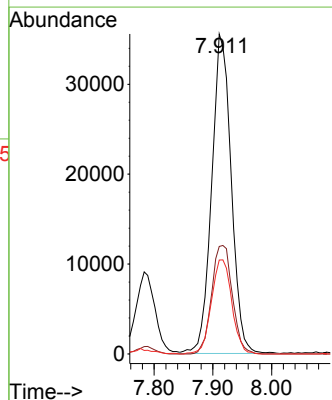
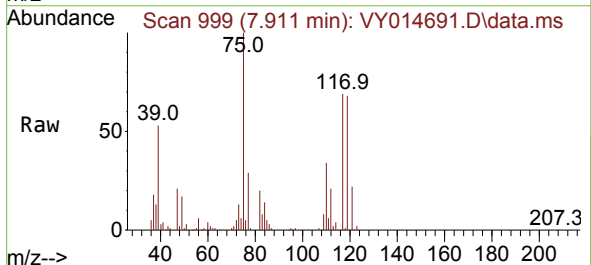
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

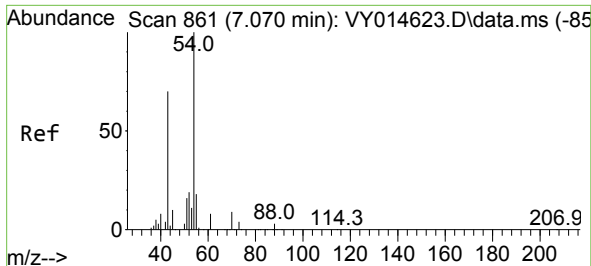
Tgt Ion:113 Resp: 135651
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.073 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 75 Resp: 82004
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.8 24.4 36.6

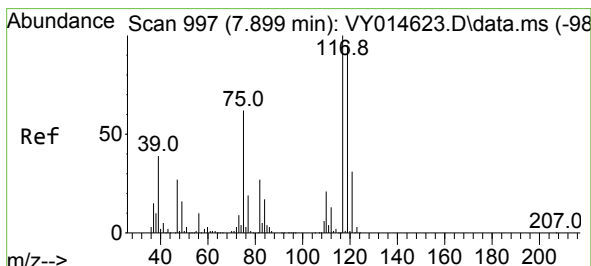
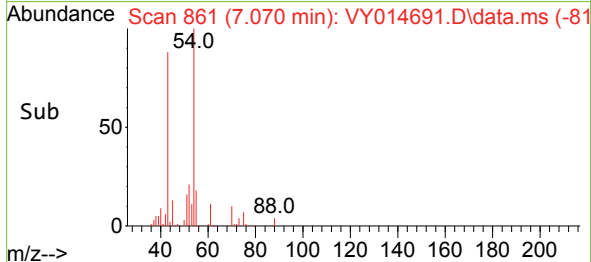
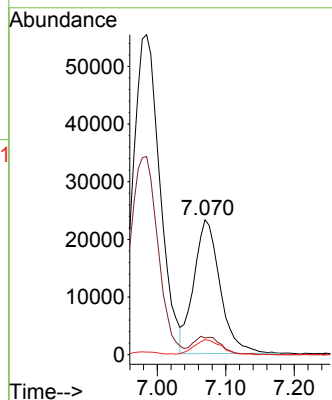
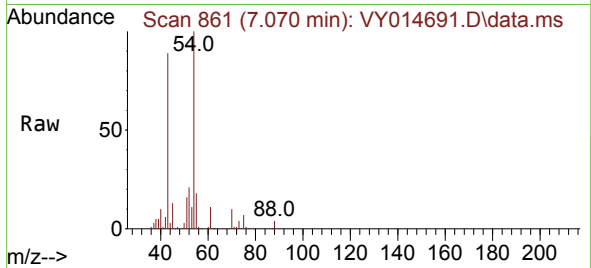




#37
Ethyl Acetate
Concen: 22.005 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

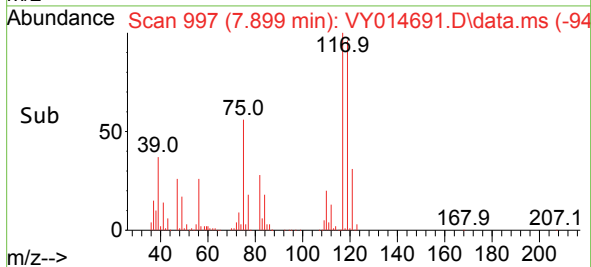
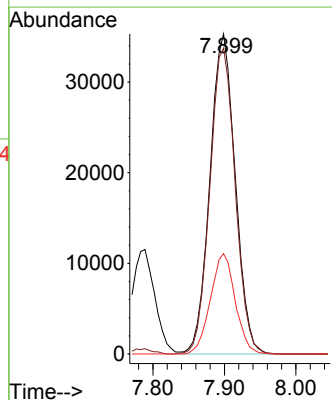
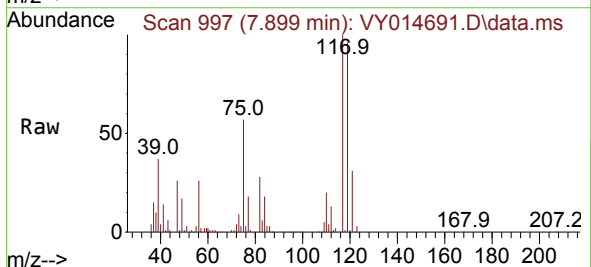
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

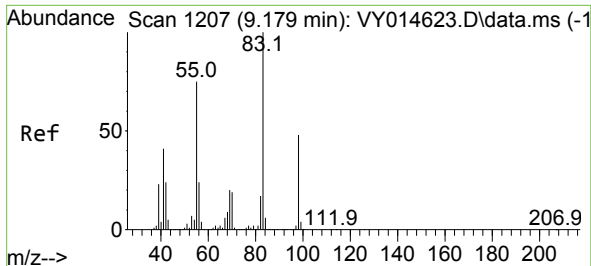
Tgt Ion: 43 Resp: 61895
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 11.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.129 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 117 Resp: 86927
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 31.3 25.8 38.6

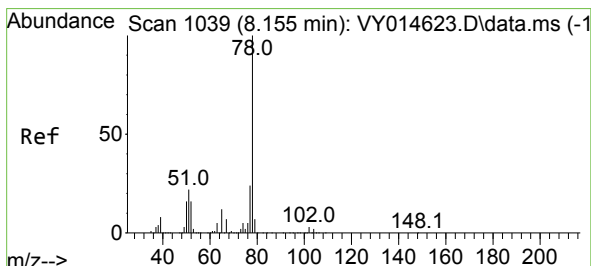
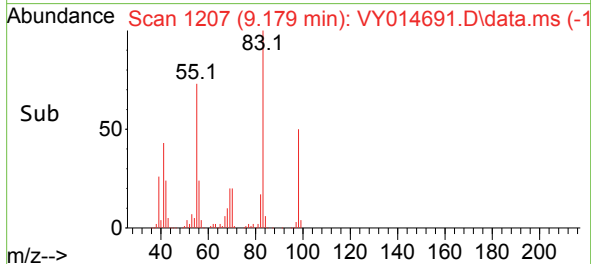
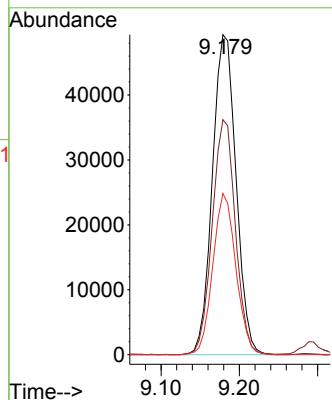
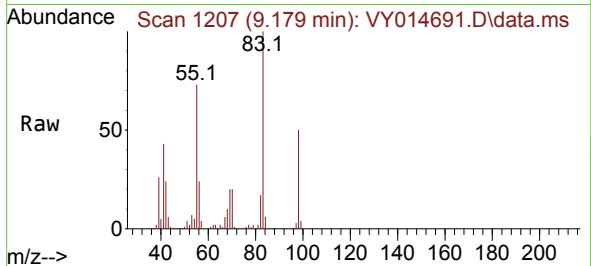




#39
Methylcyclohexane
Concen: 19.449 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

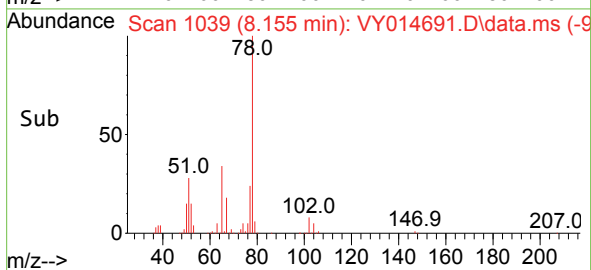
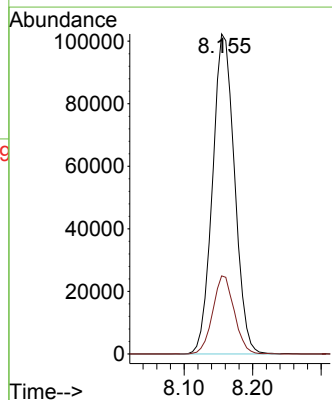
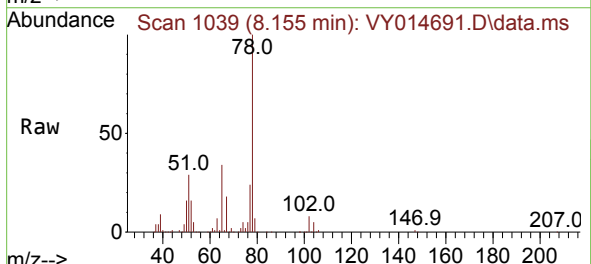
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

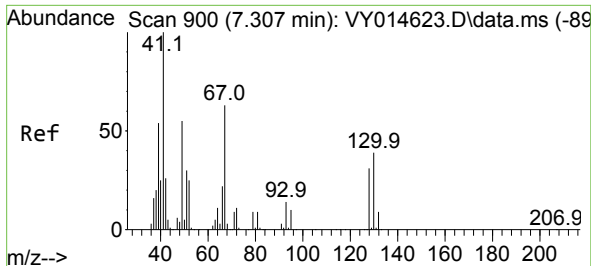
Tgt Ion: 83 Resp: 103515
Ion Ratio Lower Upper
83 100
55 73.5 63.0 94.4
98 50.3 37.4 56.2



#40
Benzene
Concen: 19.661 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 78 Resp: 228439
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

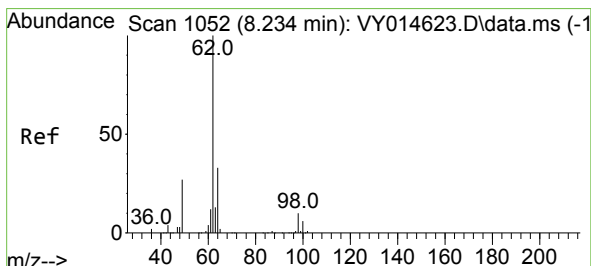
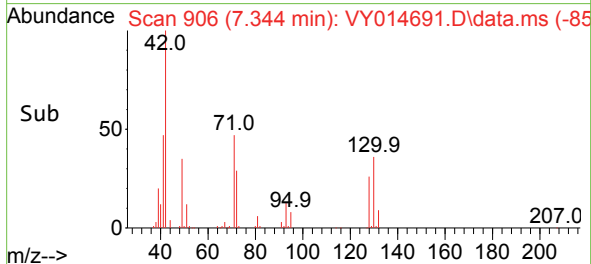
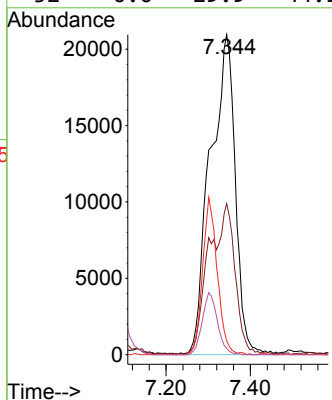
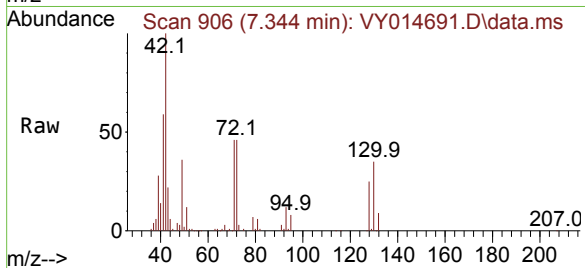




#41
Methacrylonitrile
Concen: 59.607 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

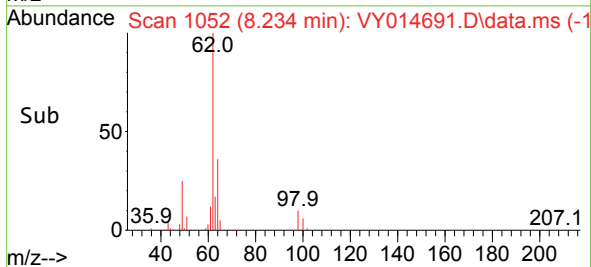
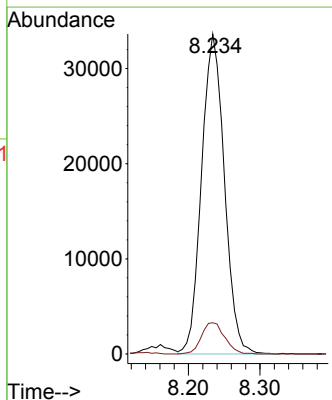
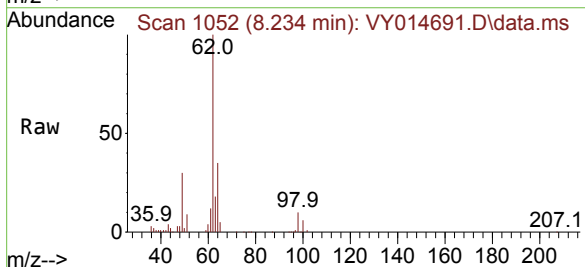
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

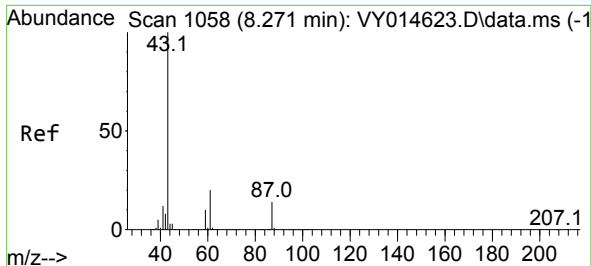
Tgt Ion: 41 Resp: 86237
Ion Ratio Lower Upper
41 100
39 25.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.255 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 62 Resp: 74526
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8



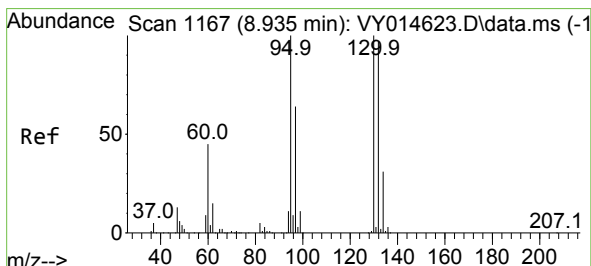
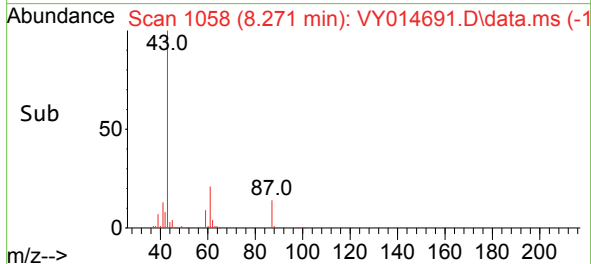
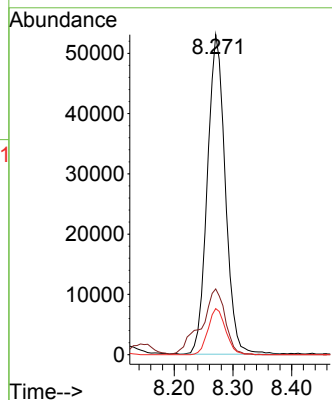
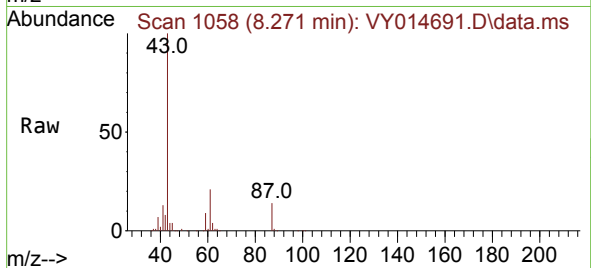


#43
Isopropyl Acetate
Concen: 20.945 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Tgt Ion: 43 Resp: 112222

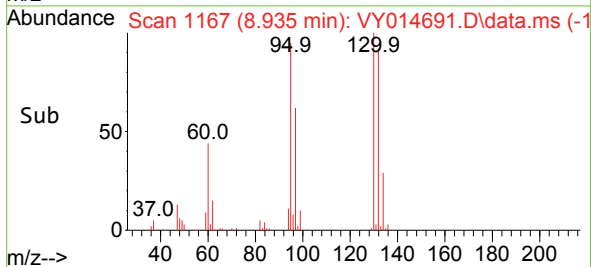
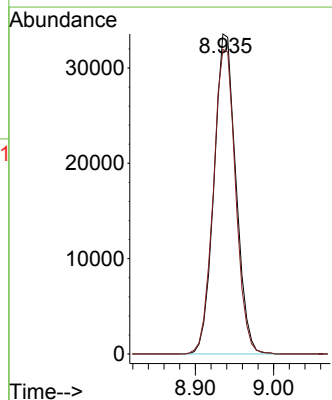
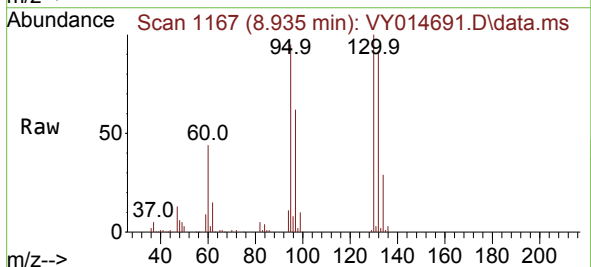
Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.1	31.7
87	14.3	9.8	14.8

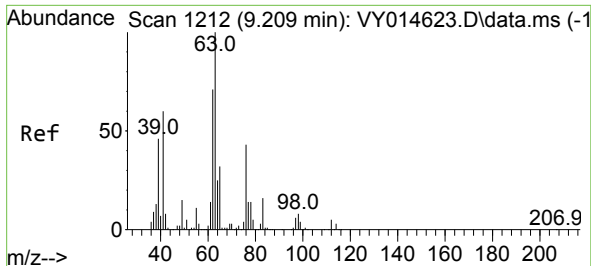


#44
Trichloroethene
Concen: 20.038 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:130 Resp: 65140

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	196.0

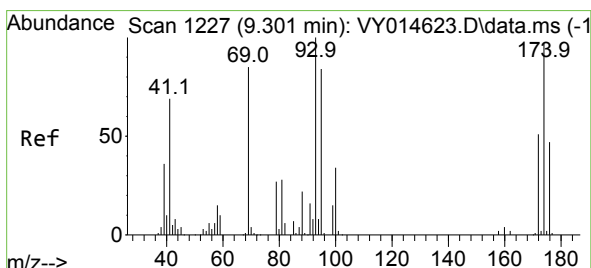
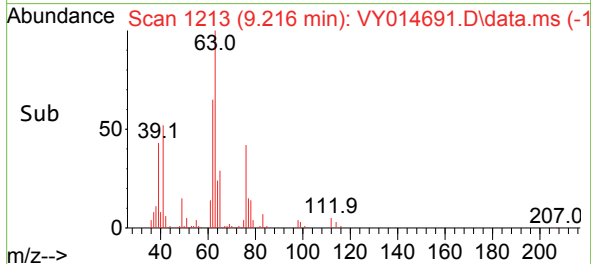
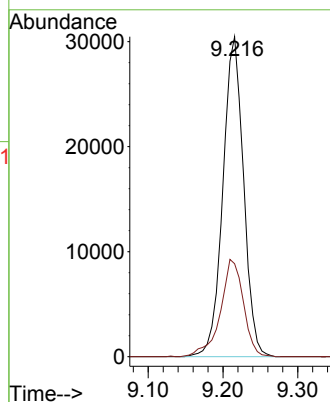
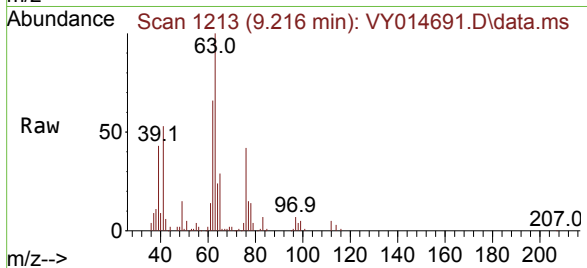




#45
1,2-Dichloropropane
Concen: 19.309 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.007 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

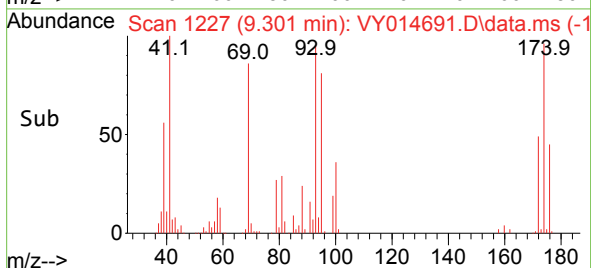
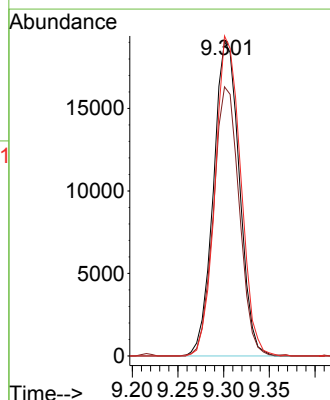
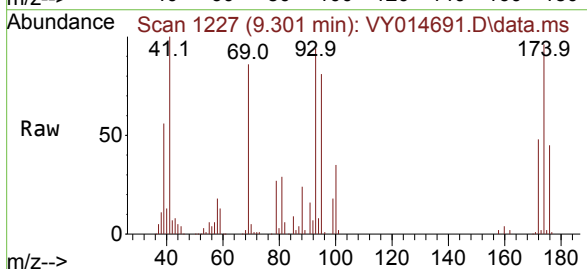
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

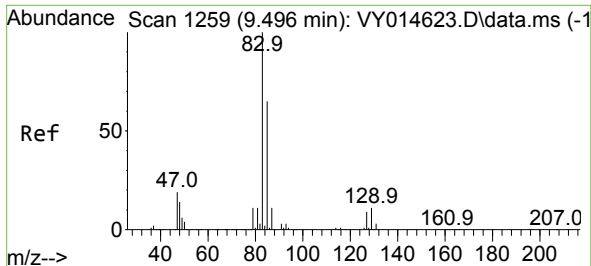
Tgt Ion: 63 Resp: 58583
Ion Ratio Lower Upper
63 100
65 29.1 23.8 35.6



#46
Dibromomethane
Concen: 20.450 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 93 Resp: 37639
Ion Ratio Lower Upper
93 100
95 85.0 66.6 100.0
174 100.2 84.8 127.2

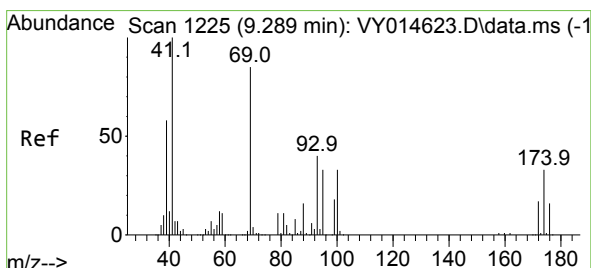
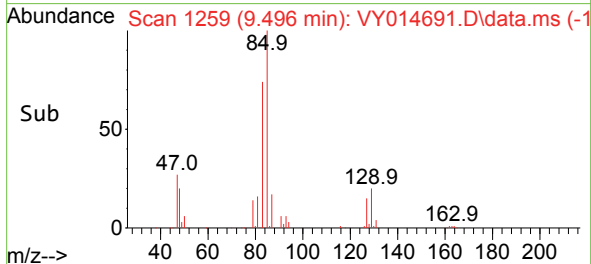
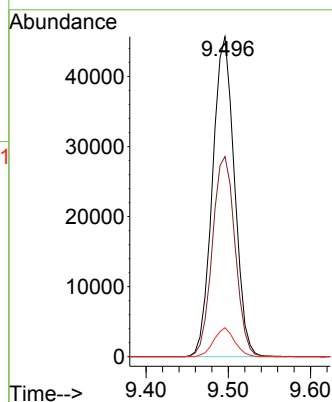
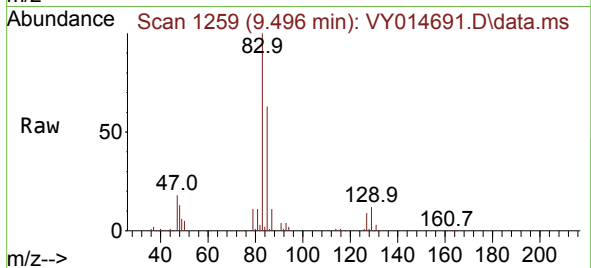




#47
Bromodichloromethane
Concen: 19.507 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

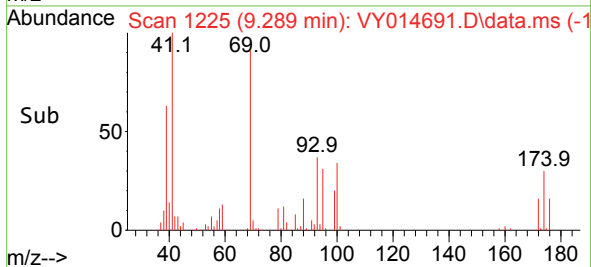
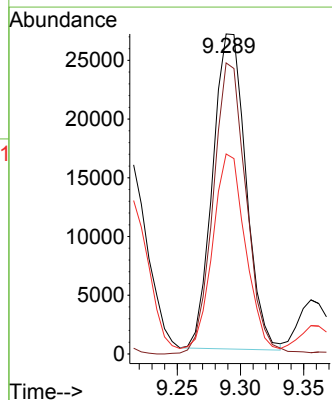
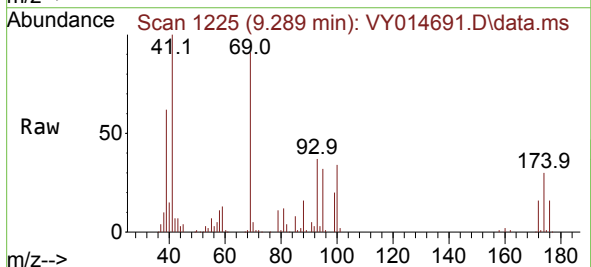
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

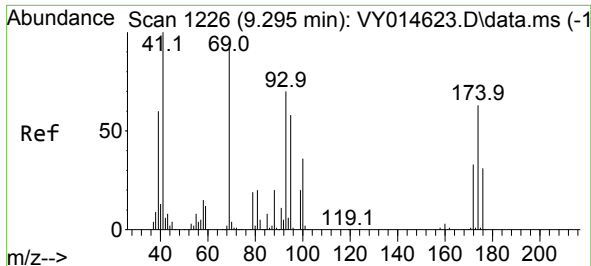
Tgt Ion: 83 Resp: 84622
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 20.353 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 41 Resp: 49070
Ion Ratio Lower Upper
41 100
69 91.6 64.5 96.7
39 60.4 50.8 76.2

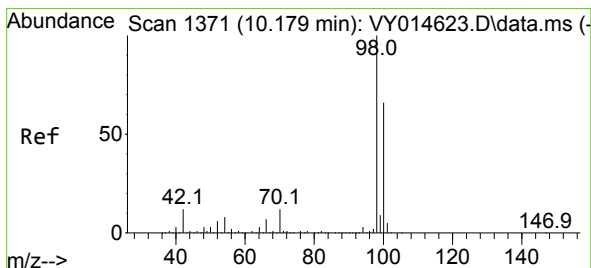
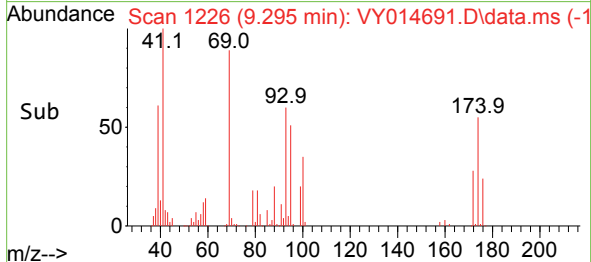
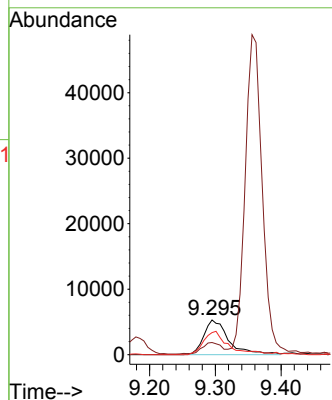
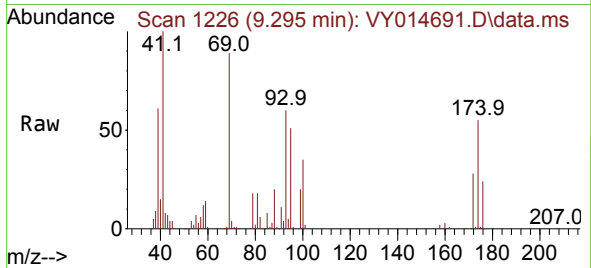




#49
1,4-Dioxane
Concen: 465.217 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

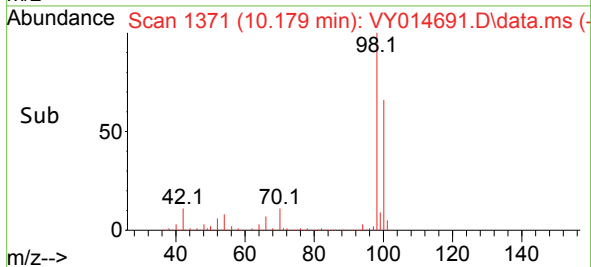
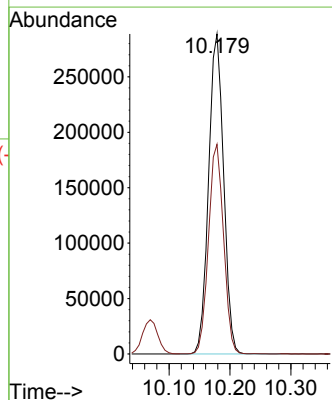
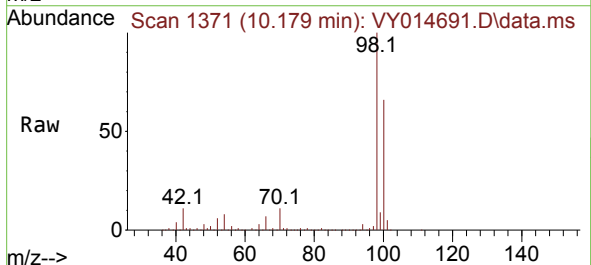
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

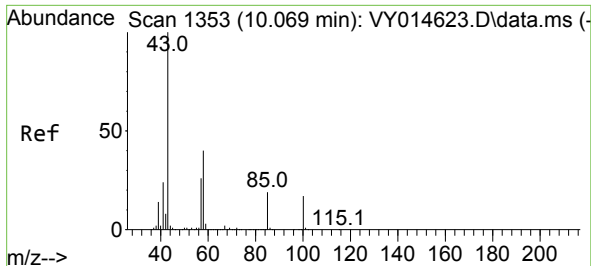
Tgt Ion: 88 Resp: 13962
Ion Ratio Lower Upper
88 100
43 27.3 0.0 0.0#
58 67.3 30.9 46.3#



#50
Toluene-d8
Concen: 49.114 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 98 Resp: 494653
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

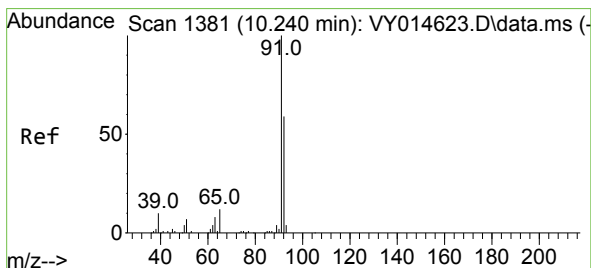
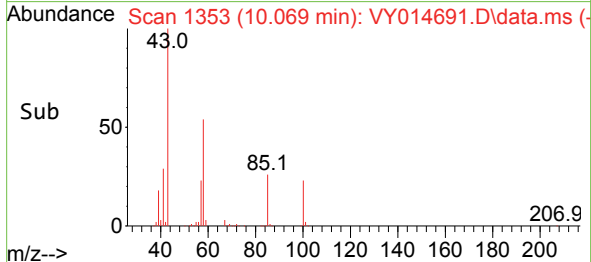
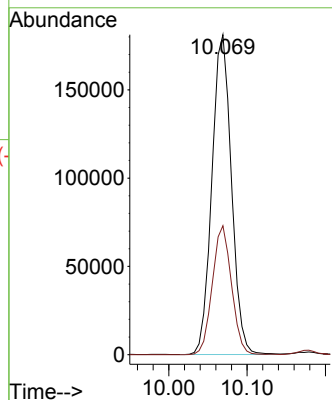
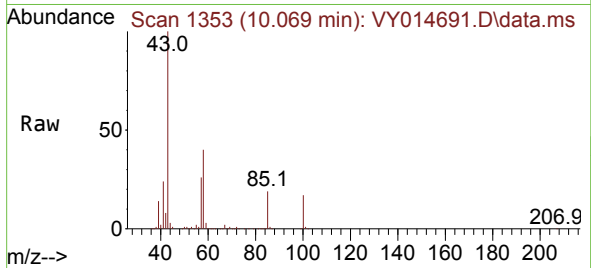




#51
4-Methyl-2-Pentanone
Concen: 111.483 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

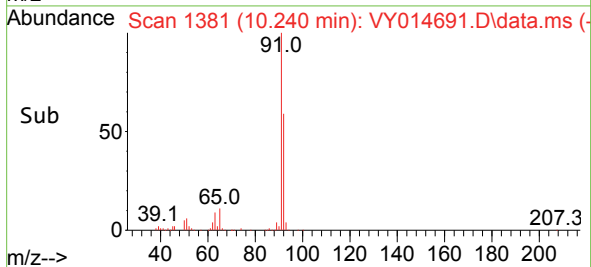
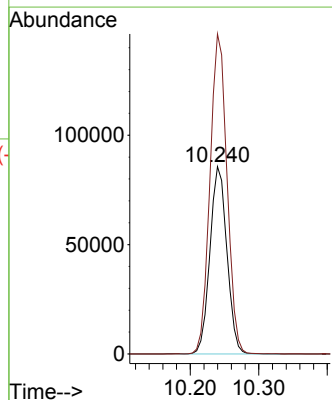
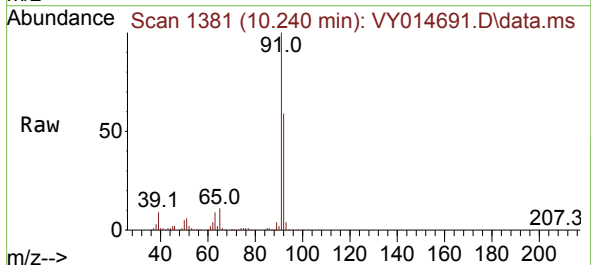
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

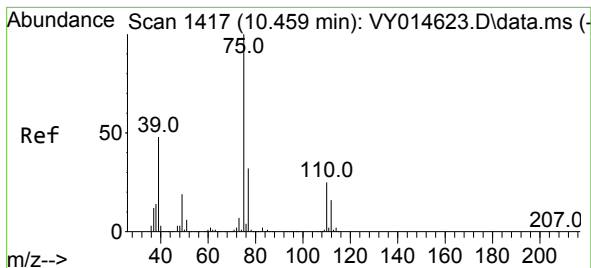
Tgt Ion: 43 Resp: 313622
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 19.804 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 92 Resp: 147242
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6

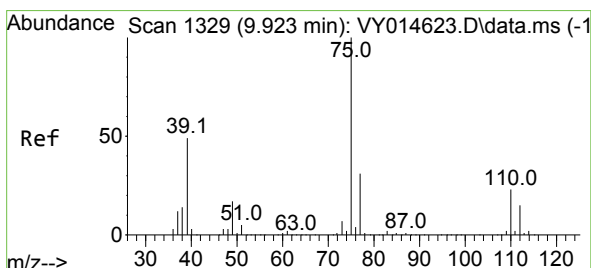
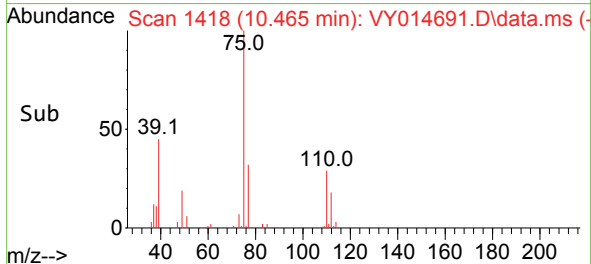
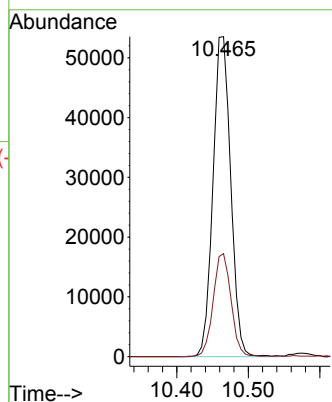
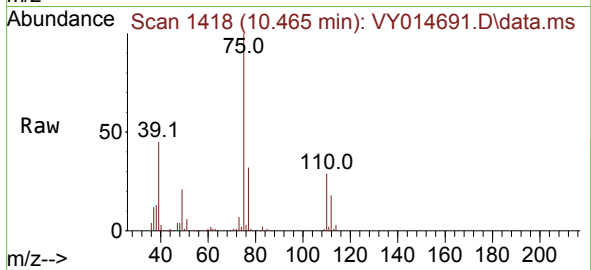




#53
 t-1,3-Dichloropropene
 Concen: 19.481 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

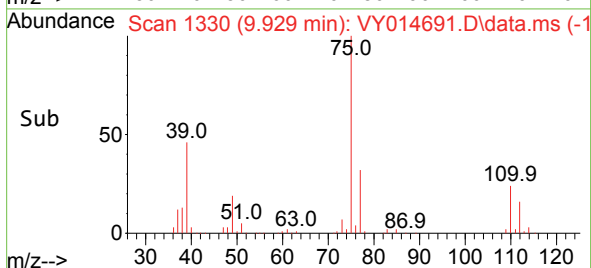
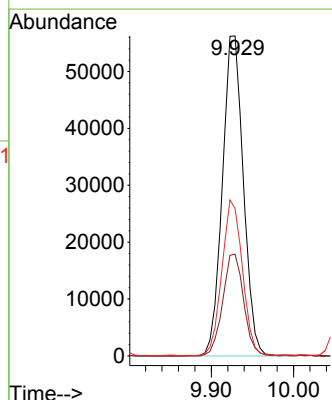
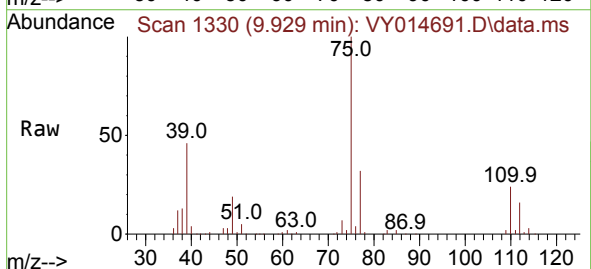
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

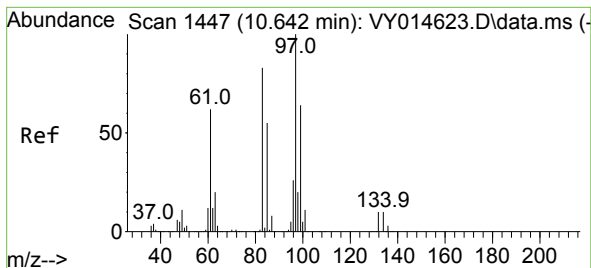
Tgt Ion: 75 Resp: 92440
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.365 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014691.D
 Acq: 18 Jul 2023 10:48

Tgt Ion: 75 Resp: 99924
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 46.0 42.2 63.4

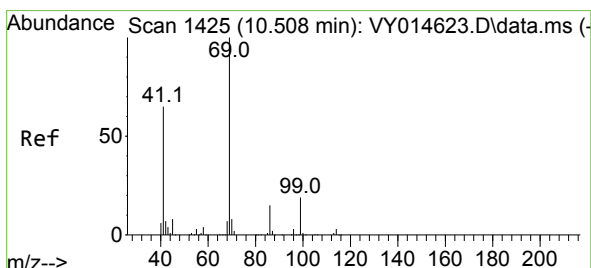
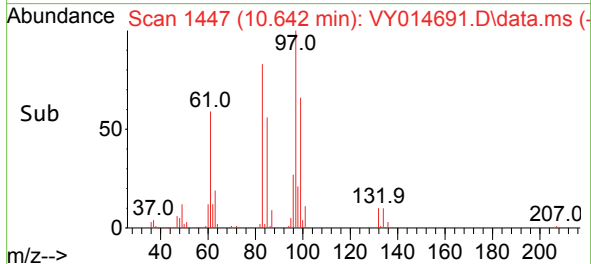
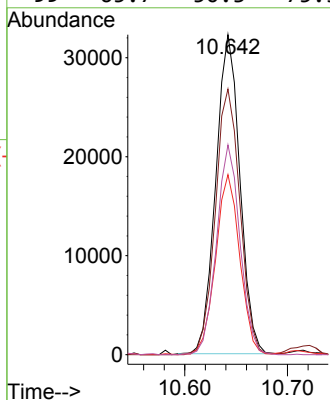
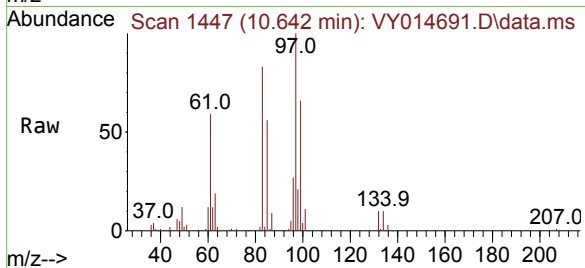




#55
1,1,2-Trichloroethane
Concen: 20.449 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

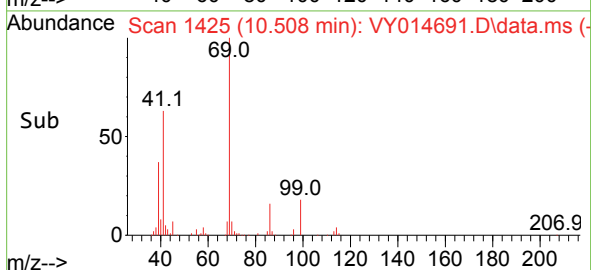
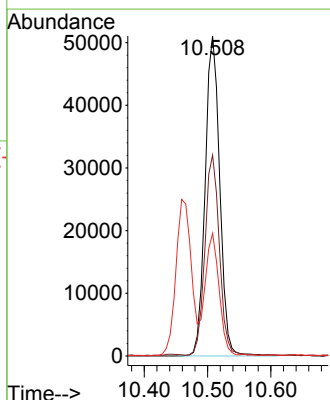
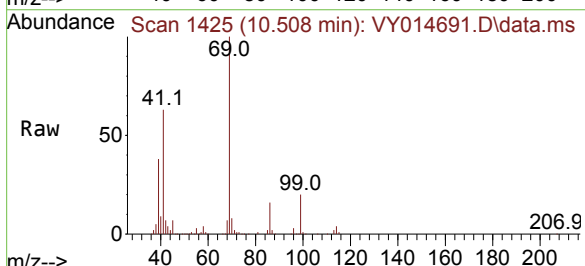
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

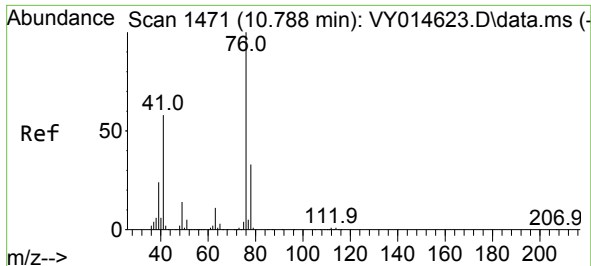
Tgt Ion:	97	Resp:	52428
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	56.4	45.4	68.0
99	65.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.950 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:	69	Resp:	82009
Ion	Ratio	Lower	Upper
69	100		
41	61.7	57.6	86.4
39	36.6	34.1	51.1

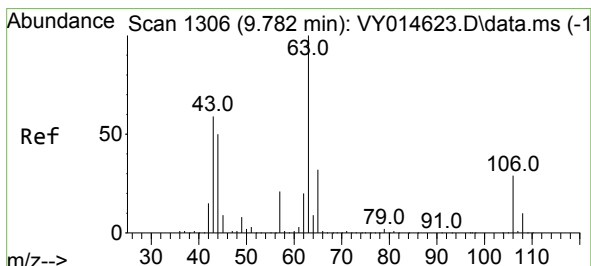
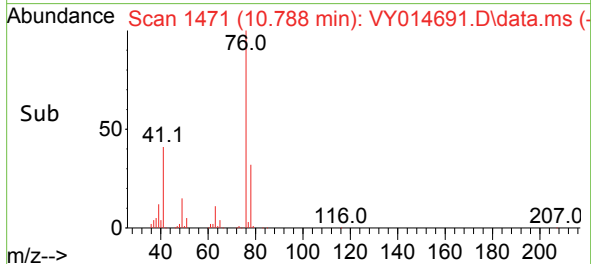
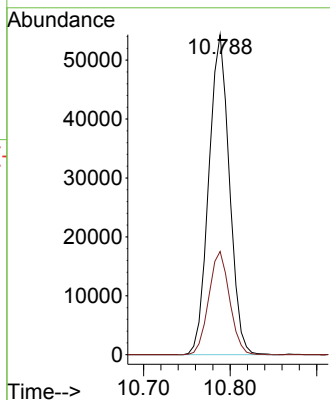
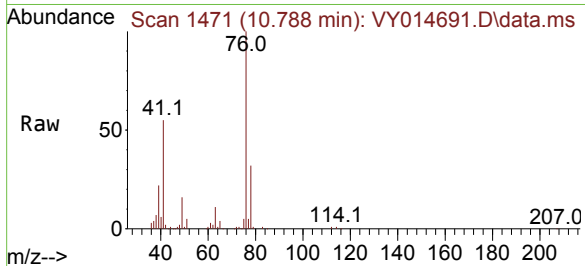




#57
1,3-Dichloropropane
Concen: 20.277 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

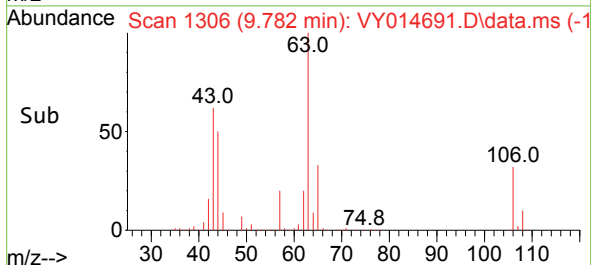
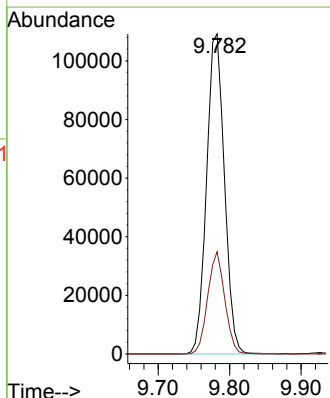
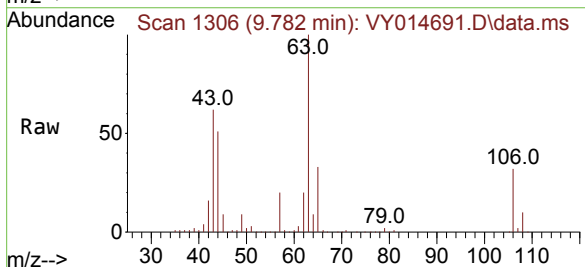
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

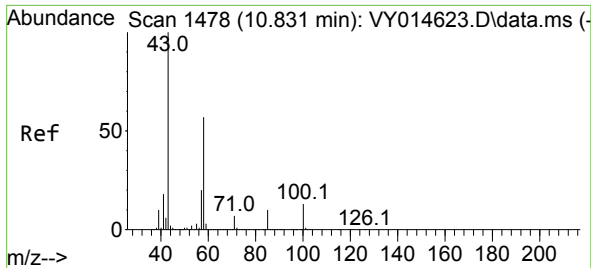
Tgt Ion: 76 Resp: 89665
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.637 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 63 Resp: 189029
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8

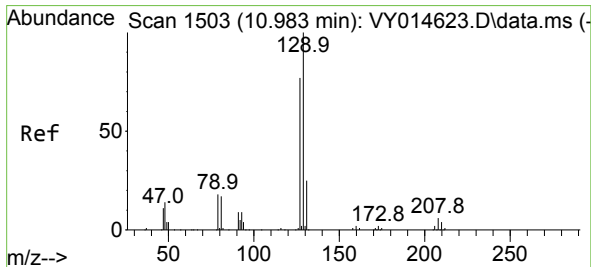
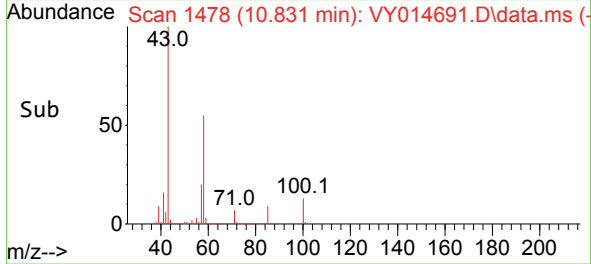
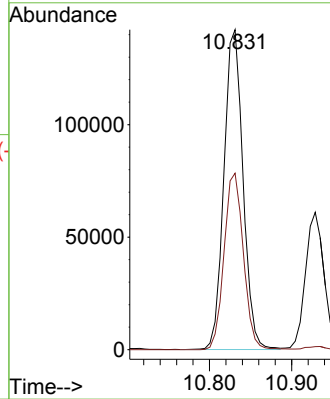
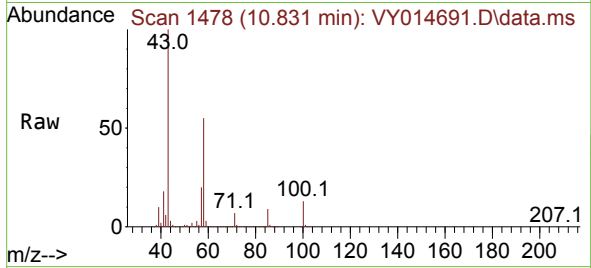




#59
2-Hexanone
Concen: 111.940 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

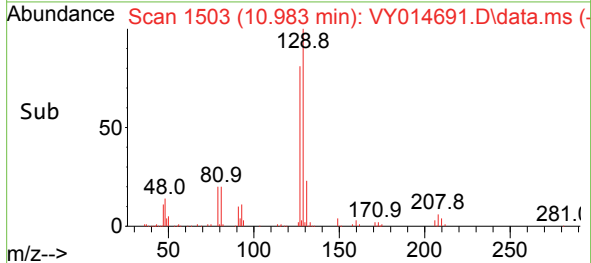
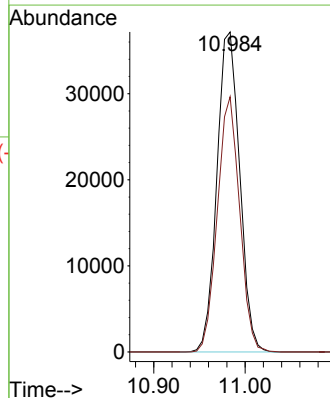
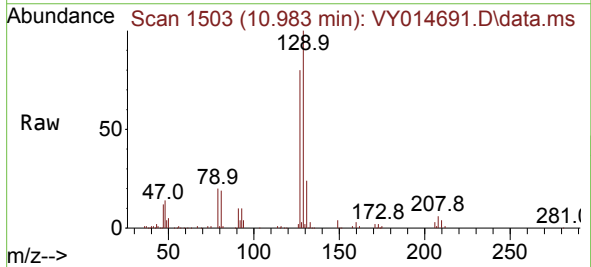
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

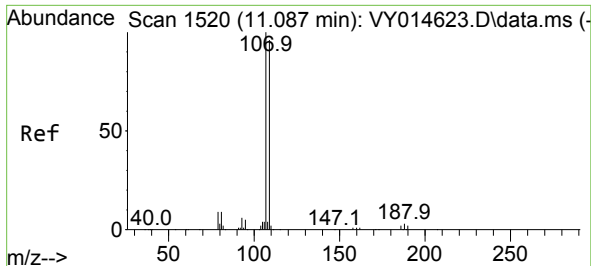
Tgt Ion: 43 Resp: 229649
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.506 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 129 Resp: 64459
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

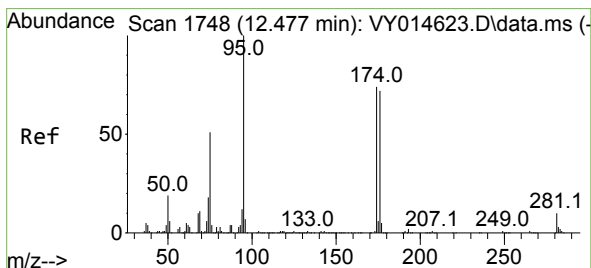
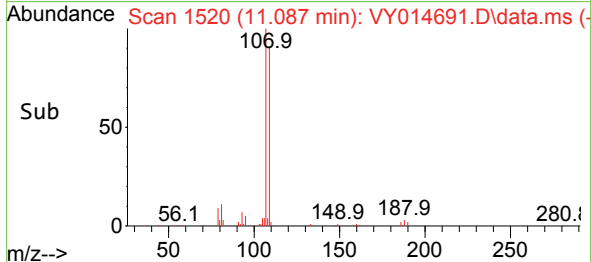
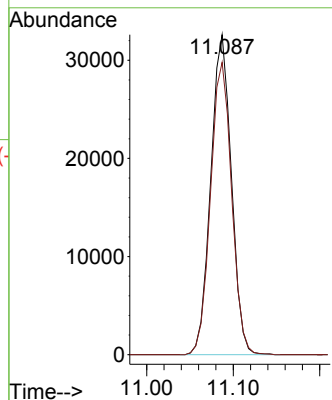
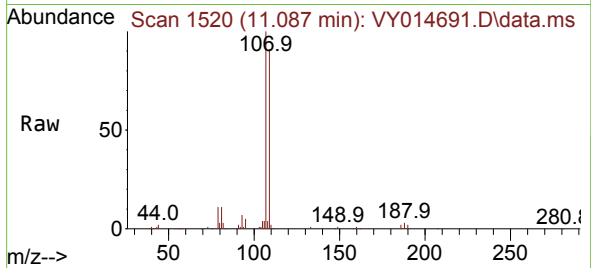




#61
1,2-Dibromoethane
Concen: 21.055 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

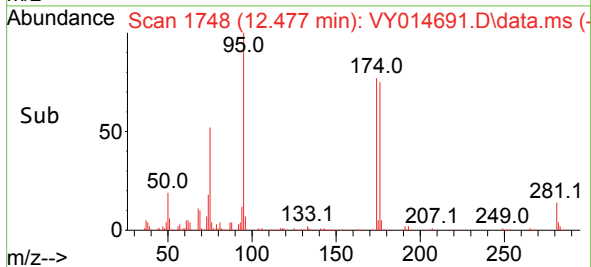
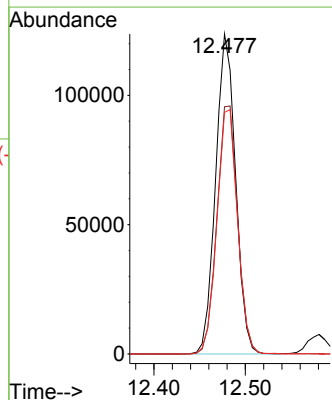
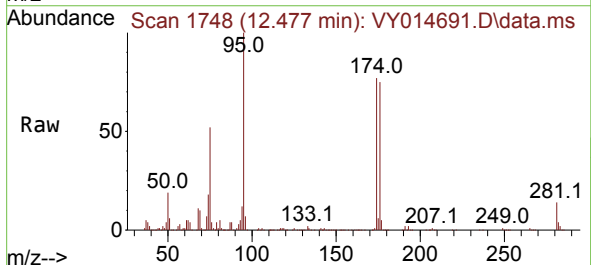
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

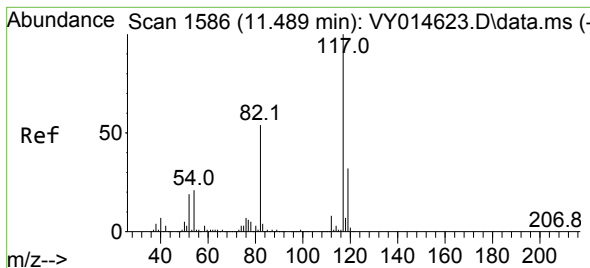
Tgt Ion:107 Resp: 53851
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.632 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 95 Resp: 187808
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 78.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

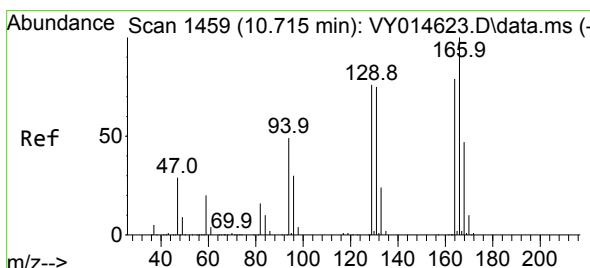
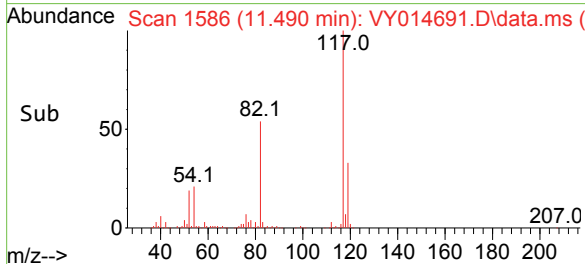
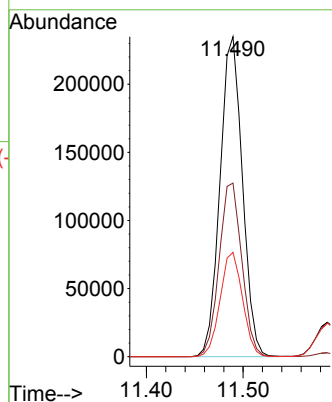
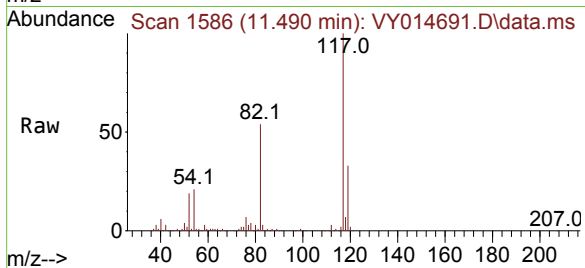
Tgt Ion:117 Resp: 377618

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 21.069 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion:164 Resp: 63987

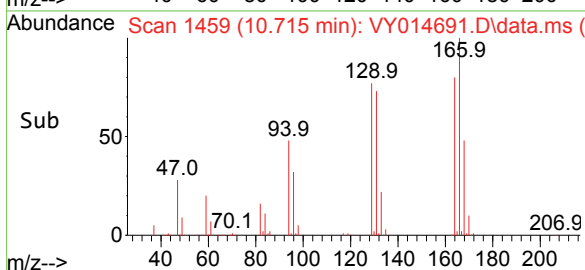
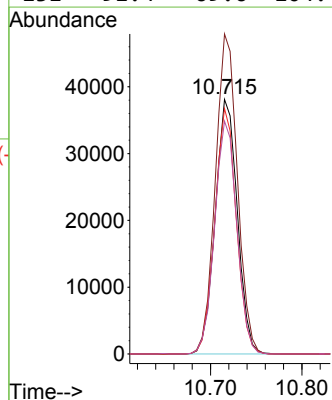
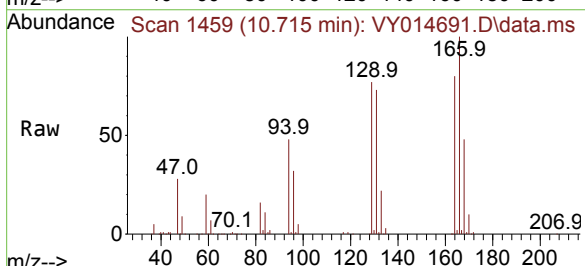
Ion Ratio Lower Upper

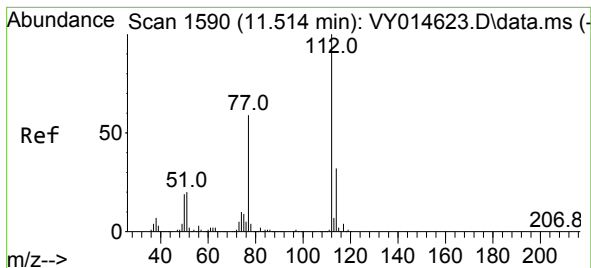
164 100

166 125.7 103.0 154.6

129 96.4 77.2 115.8

131 91.4 69.6 104.4

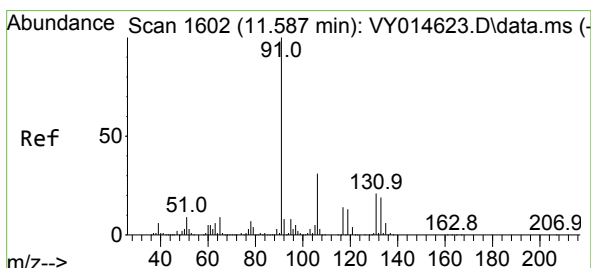
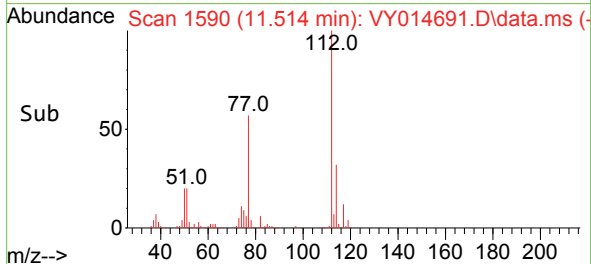
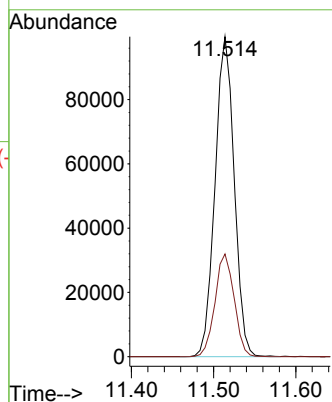
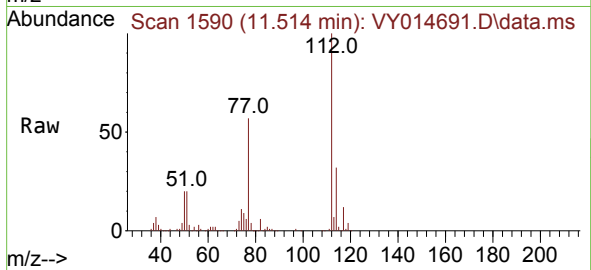




#65
Chlorobenzene
Concen: 20.050 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

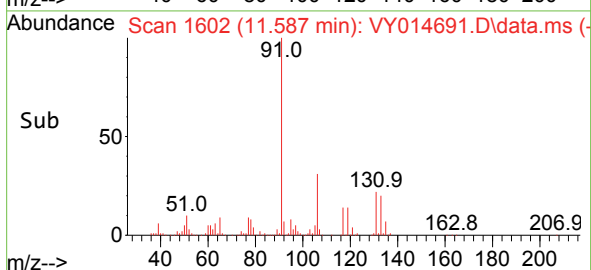
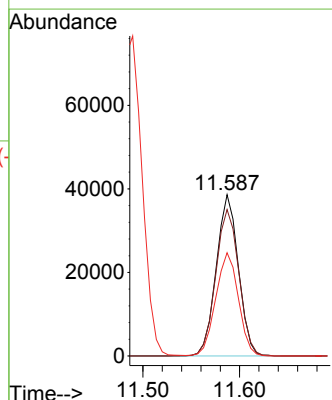
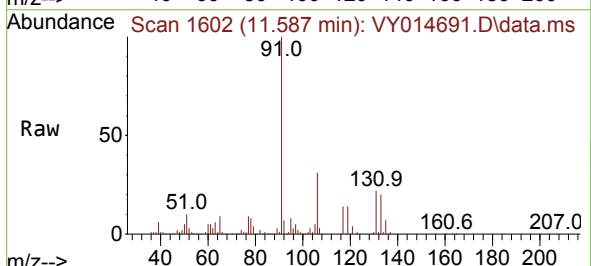
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

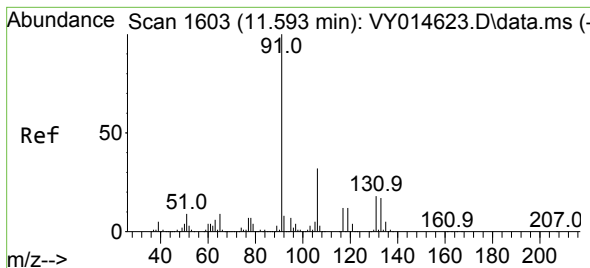
Tgt Ion:112 Resp: 161340
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:131 Resp: 61217
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.785 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

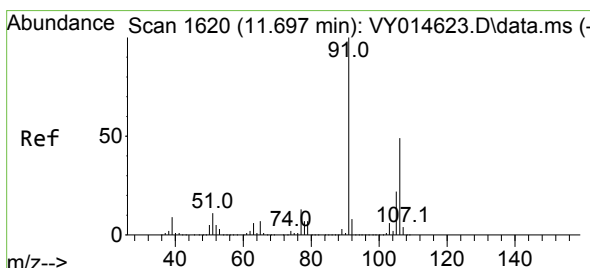
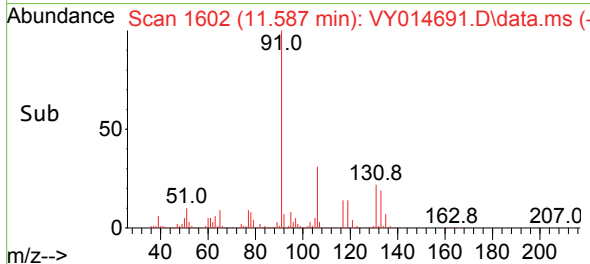
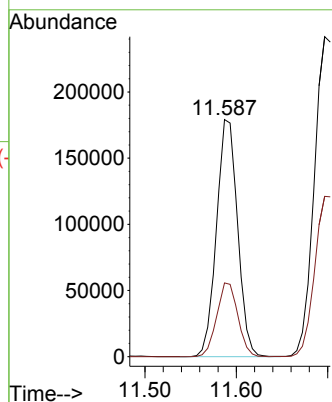
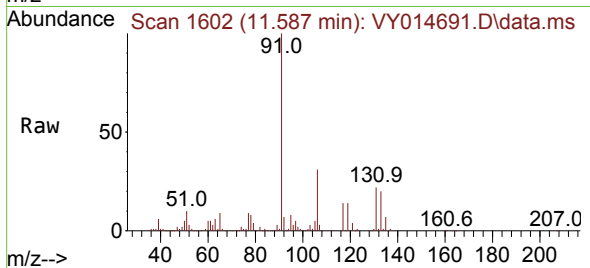
VY0718SBS01

Tgt Ion: 91 Resp: 287447

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.677 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014691.D

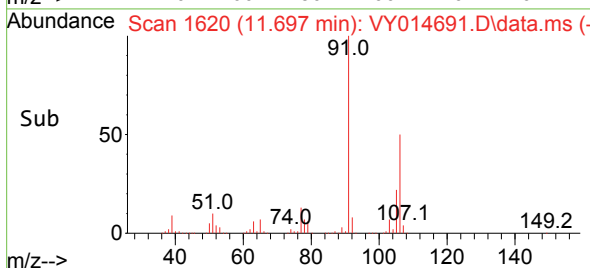
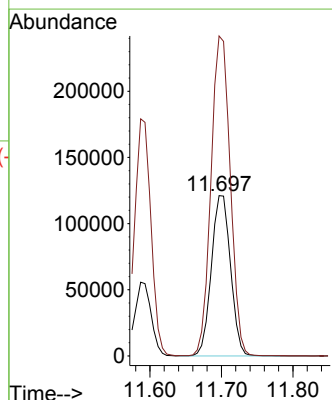
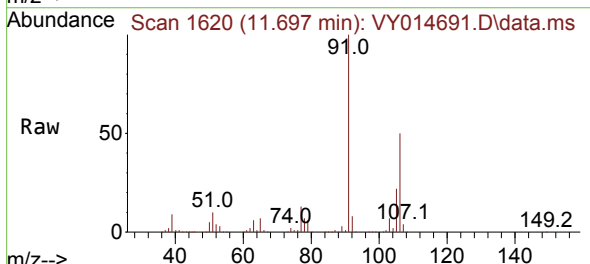
Acq: 18 Jul 2023 10:48

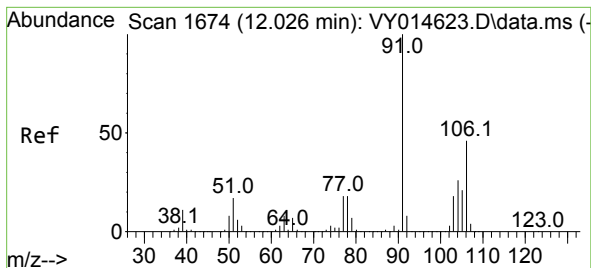
Tgt Ion:106 Resp: 225597

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1

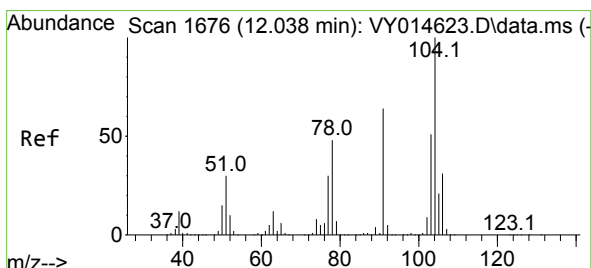
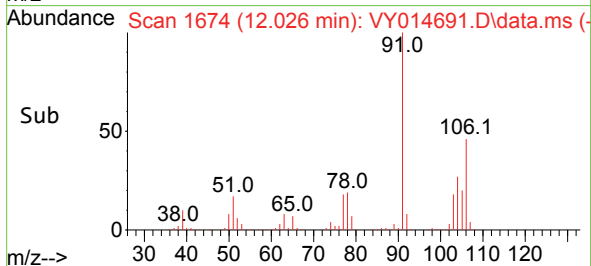
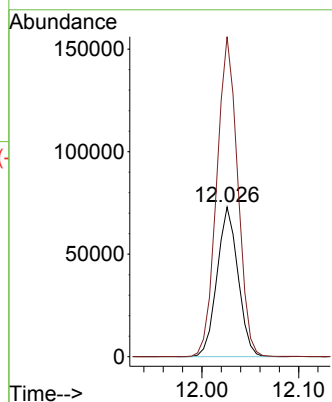
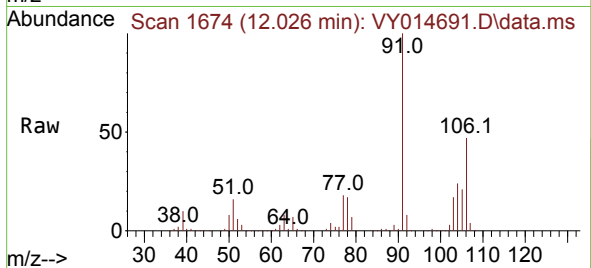




#69
o-Xylene
Concen: 20.315 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

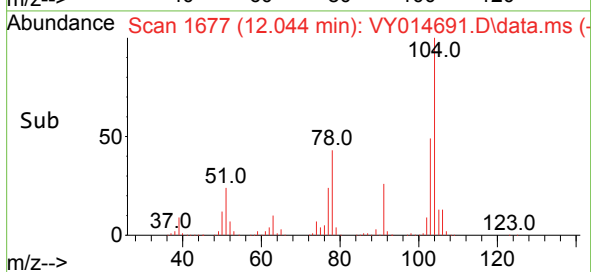
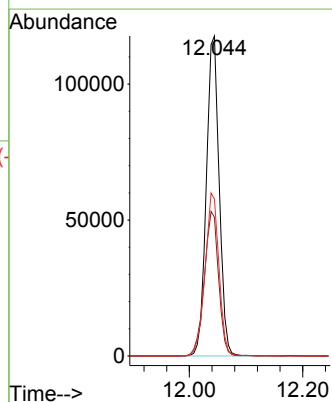
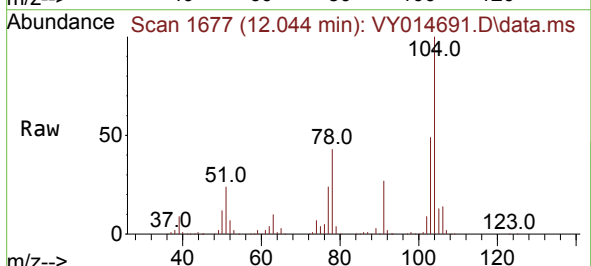
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

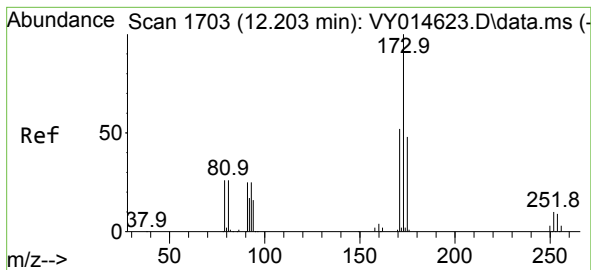
Tgt Ion:106 Resp: 109737
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3



#70
Styrene
Concen: 20.380 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:104 Resp: 185546
Ion Ratio Lower Upper
104 100
78 50.2 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 21.468 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

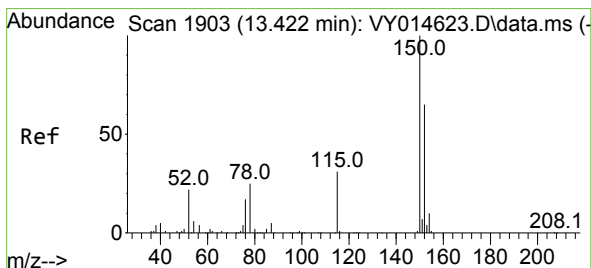
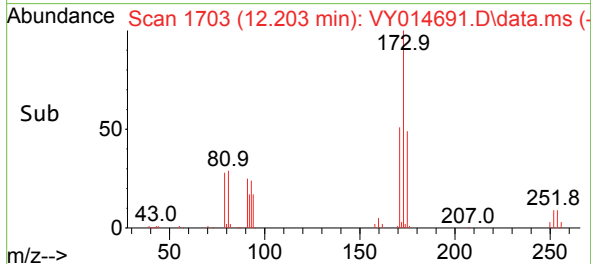
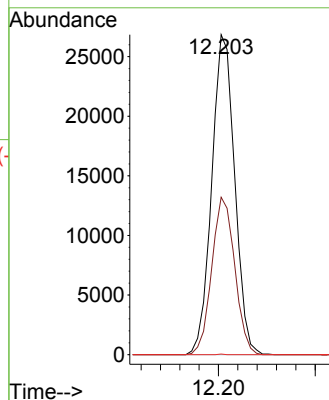
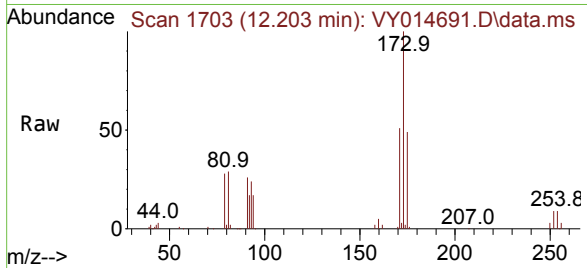
Tgt Ion:173 Resp: 44150

Ion Ratio Lower Upper

173 100

175 49.3 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: VY014691.D

Acq: 18 Jul 2023 10:48

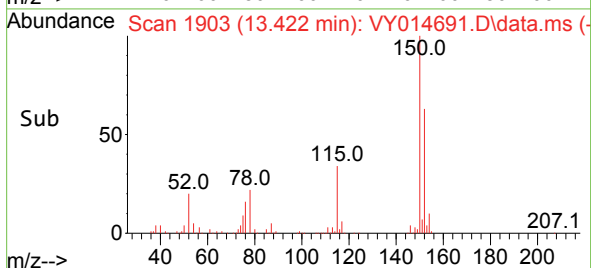
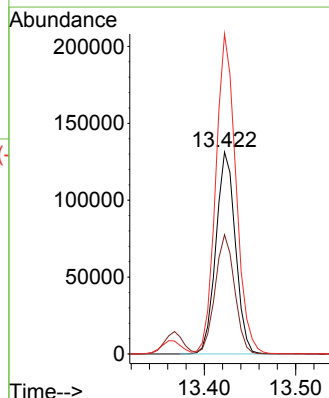
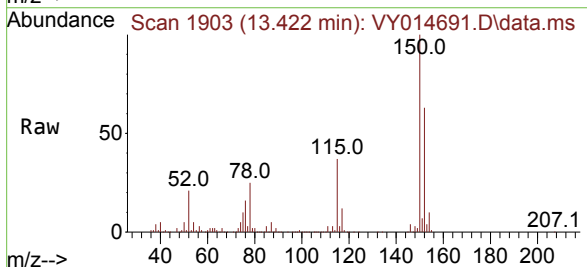
Tgt Ion:152 Resp: 195036

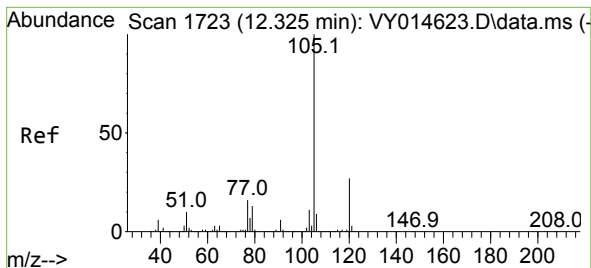
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 18.994 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

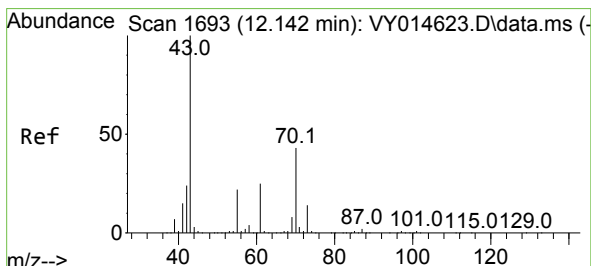
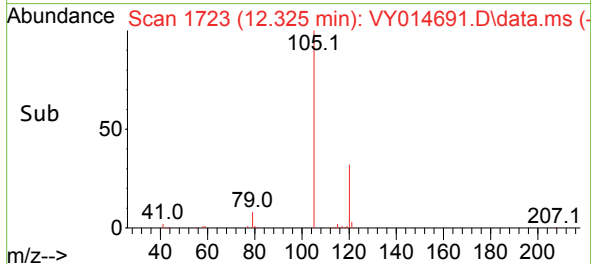
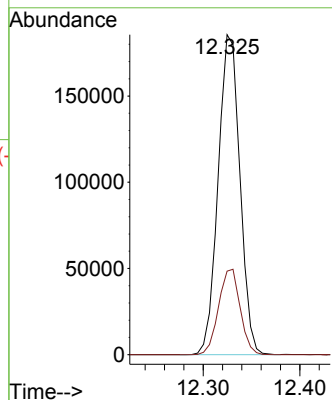
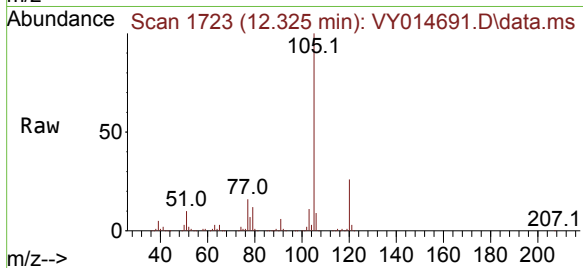
VY0718SBS01

Tgt Ion:105 Resp: 290072

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 19.827 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion: 43 Resp: 101410

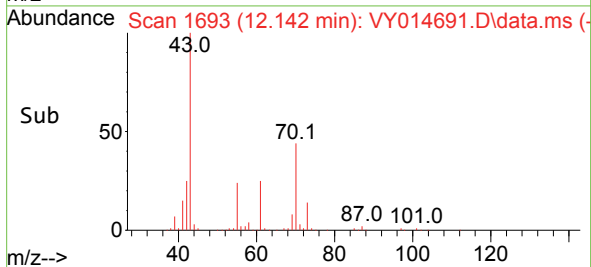
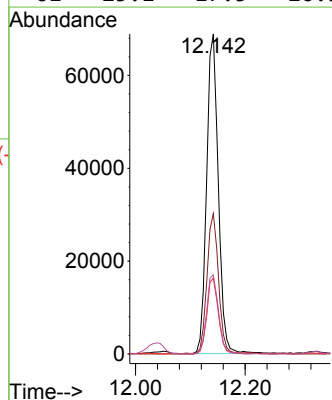
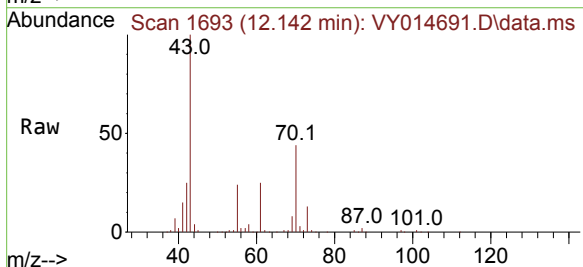
Ion Ratio Lower Upper

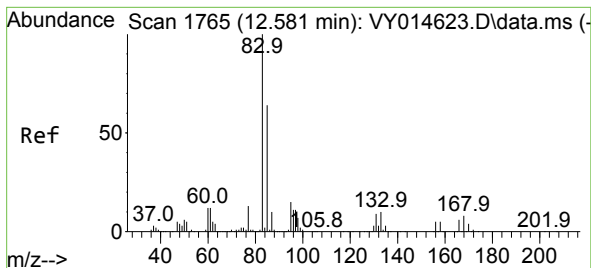
43 100

70 43.3 29.7 44.5

55 23.8 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.359 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

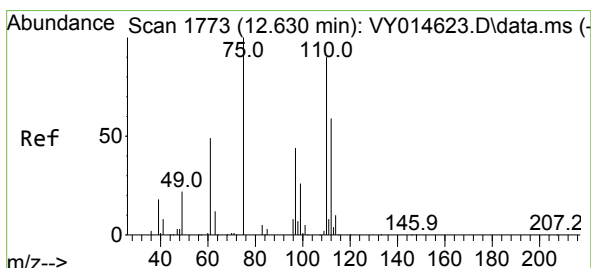
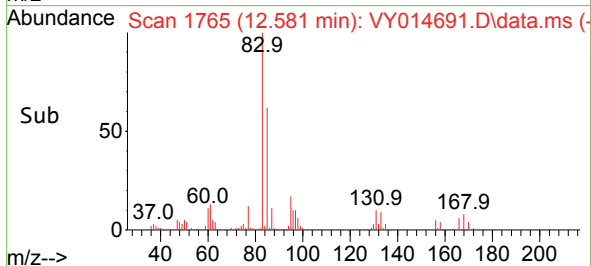
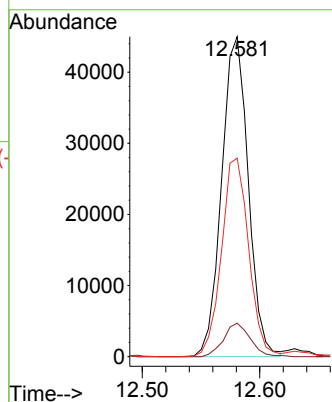
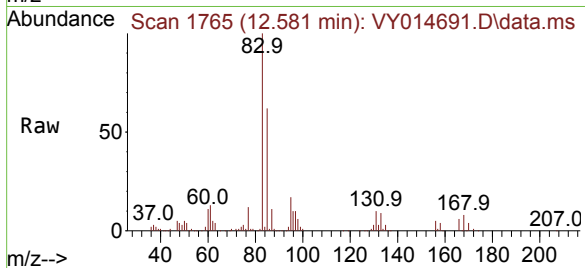
Tgt Ion: 83 Resp: 70903

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.053 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014691.D

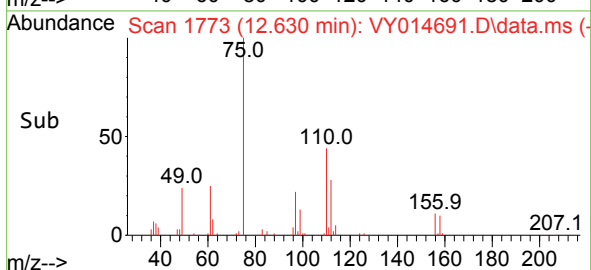
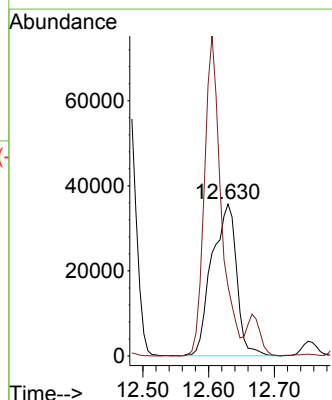
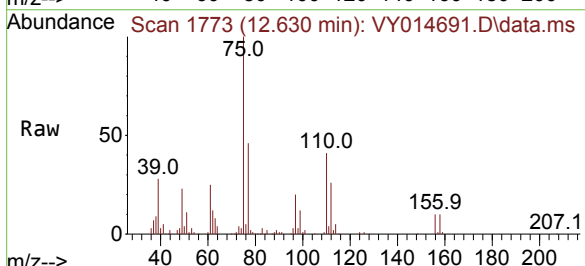
Acq: 18 Jul 2023 10:48

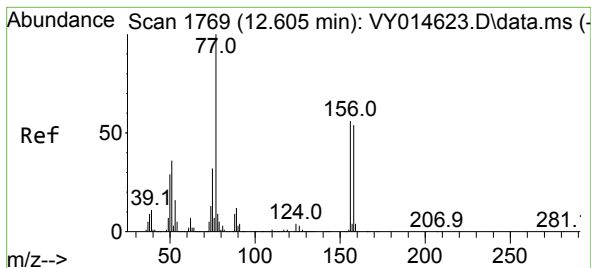
Tgt Ion: 75 Resp: 93733

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.394 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

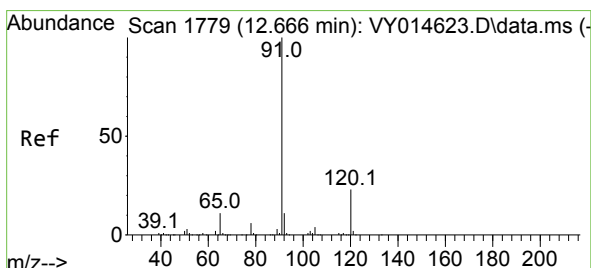
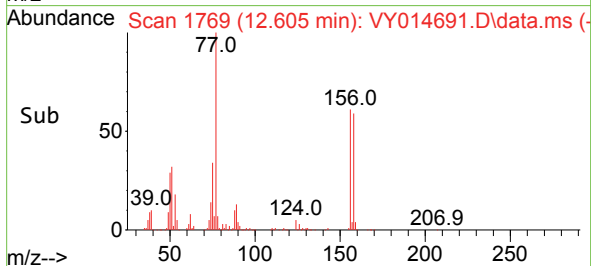
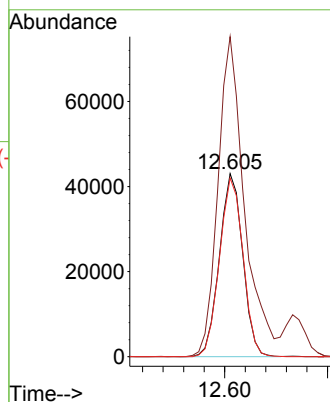
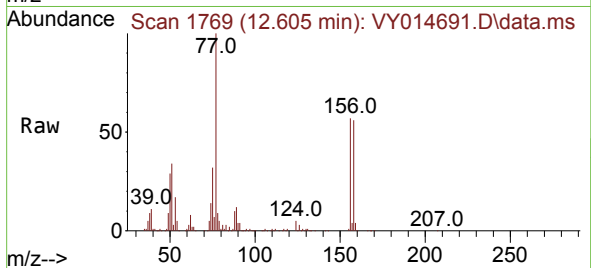
Tgt Ion:156 Resp: 67605

Ion Ratio Lower Upper

156 100

77 197.6 92.8 278.6

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 18.895 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014691.D

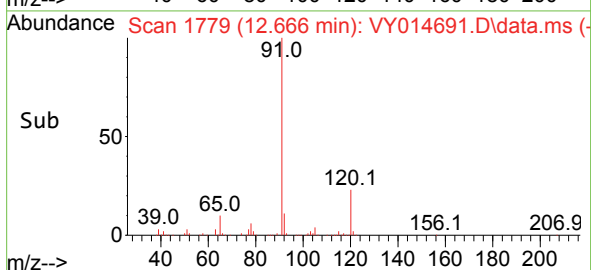
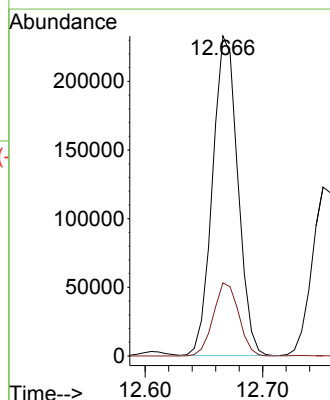
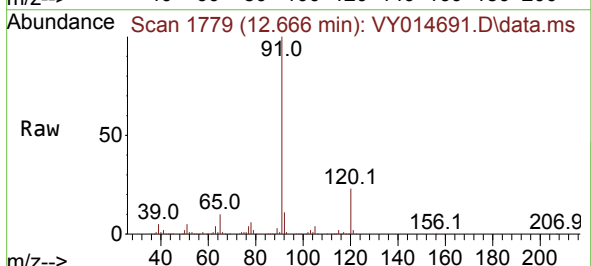
Acq: 18 Jul 2023 10:48

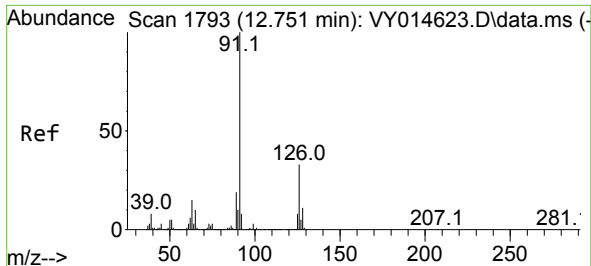
Tgt Ion: 91 Resp: 347718

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

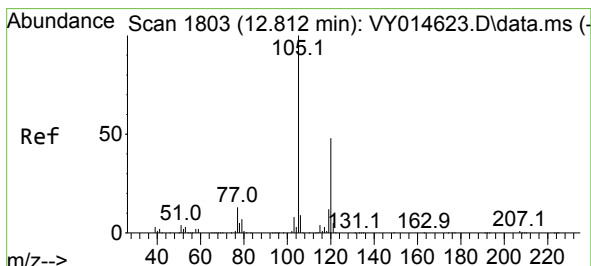
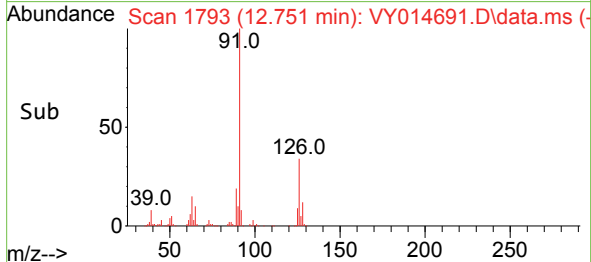
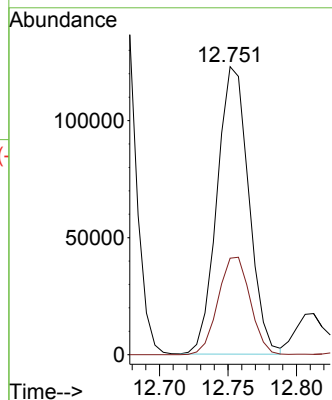
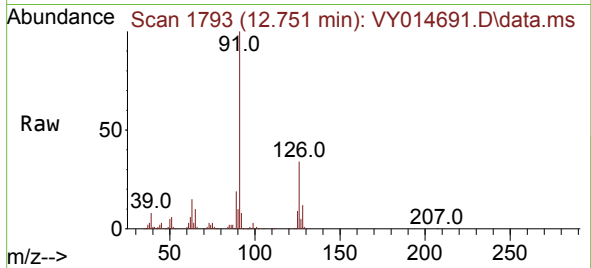




#79
2-Chlorotoluene
Concen: 18.699 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

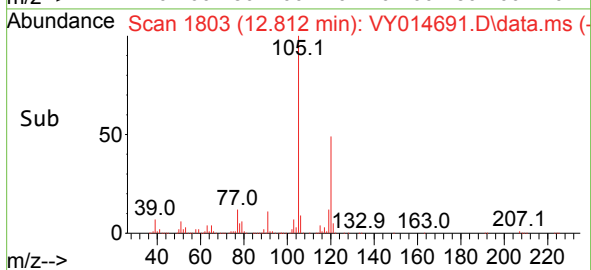
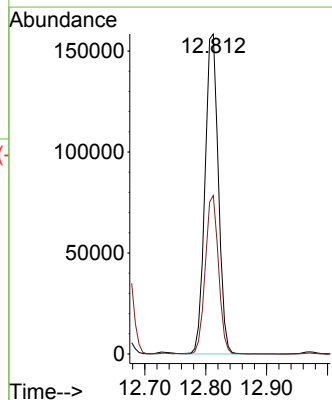
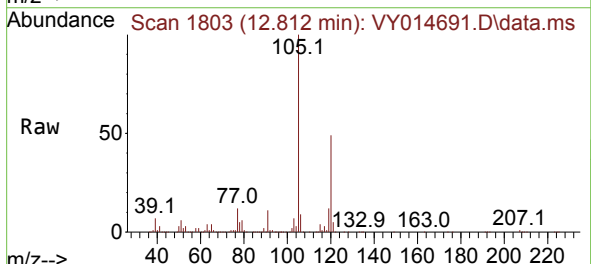
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

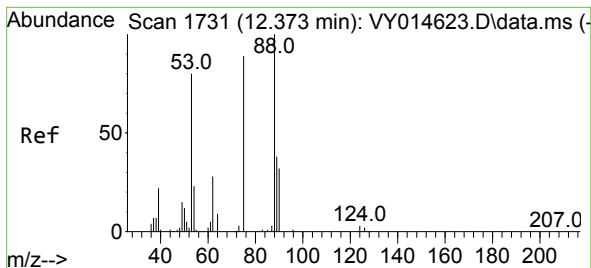
Tgt Ion: 91 Resp: 198195
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.993 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 105 Resp: 242229
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

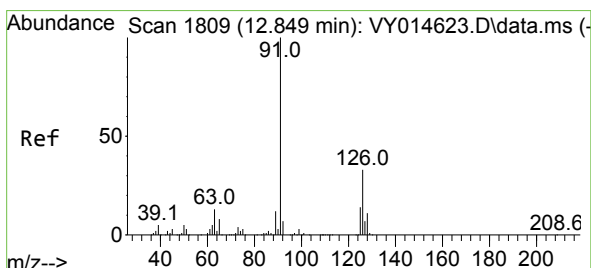
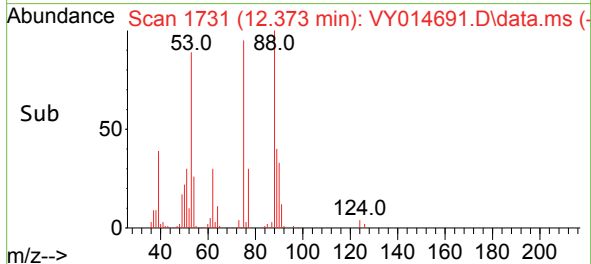
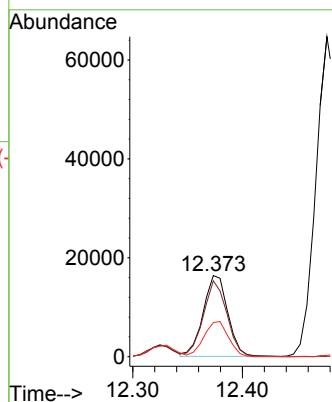
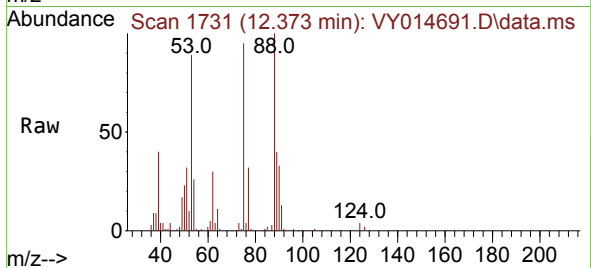




#81
trans-1,4-Dichloro-2-butene
Concen: 19.963 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

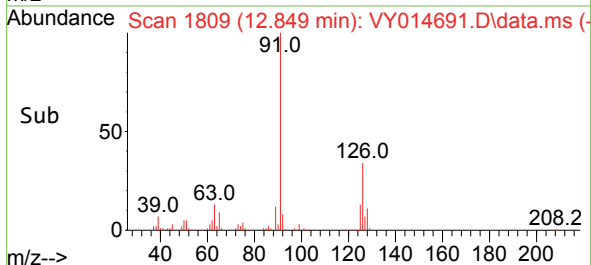
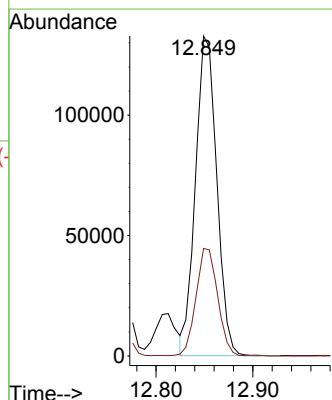
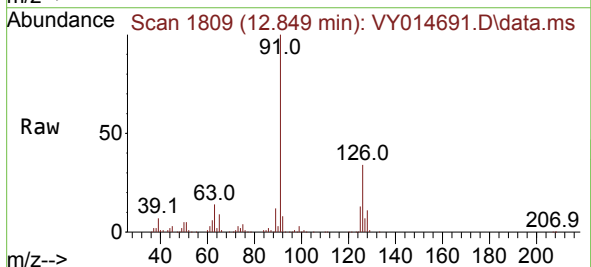
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBSD01

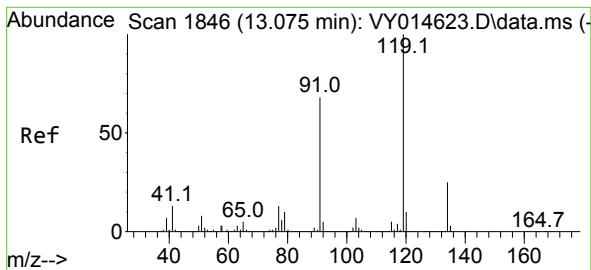
Tgt Ion: 75 Resp: 25398
Ion Ratio Lower Upper
75 100
53 91.2 77.8 116.8
89 43.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.627 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 91 Resp: 203339
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

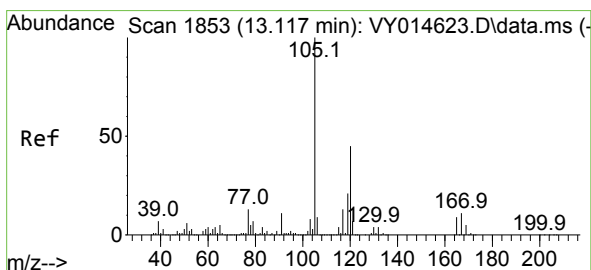
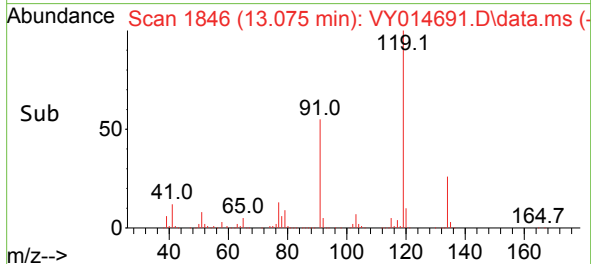
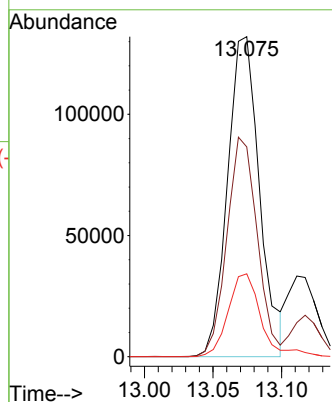
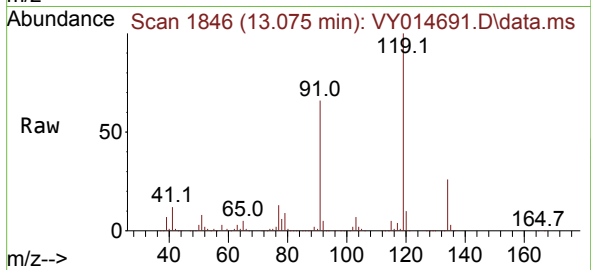




#83
tert-Butylbenzene
Concen: 18.988 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

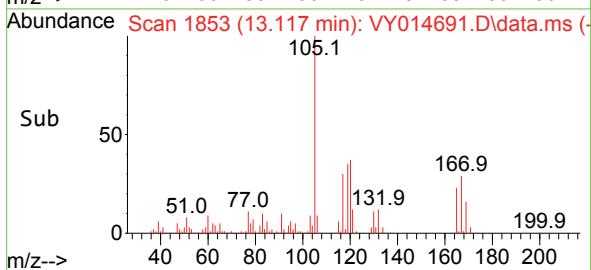
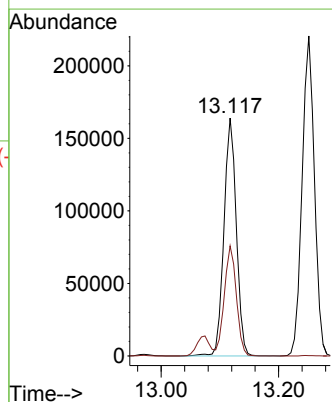
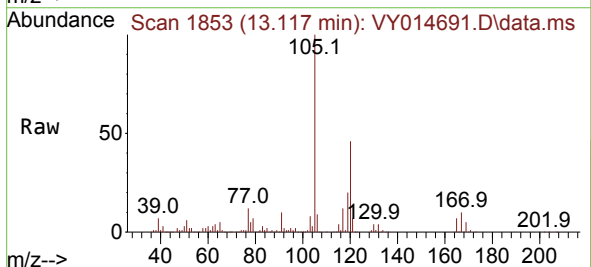
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

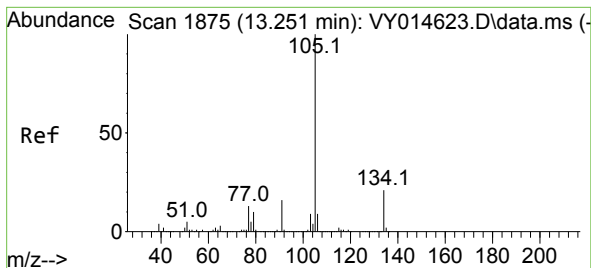
Tgt Ion:119 Resp: 214826
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.177 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion:105 Resp: 240028
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.290 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

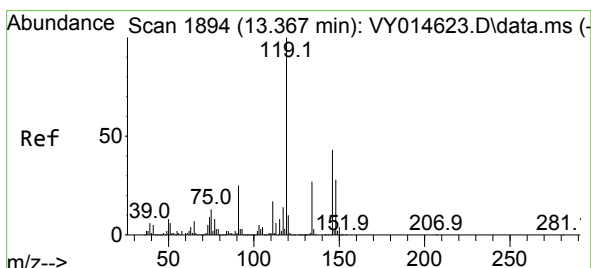
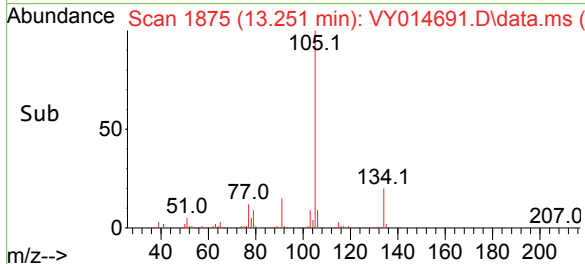
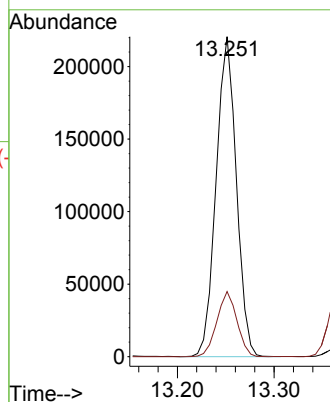
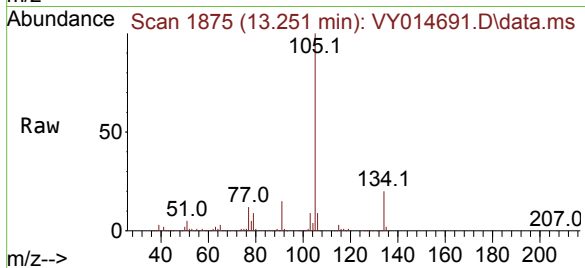
VY0718SBS01

Tgt Ion:105 Resp: 320136

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.481 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

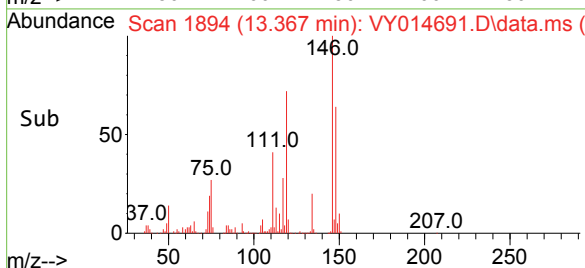
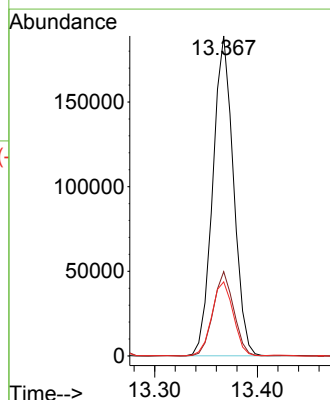
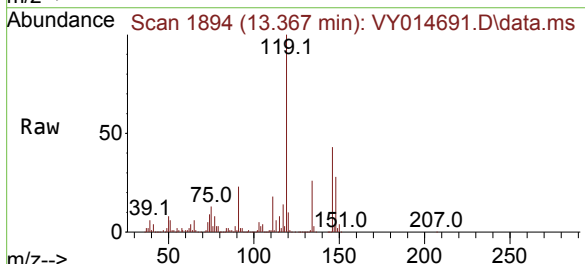
Tgt Ion:119 Resp: 263966

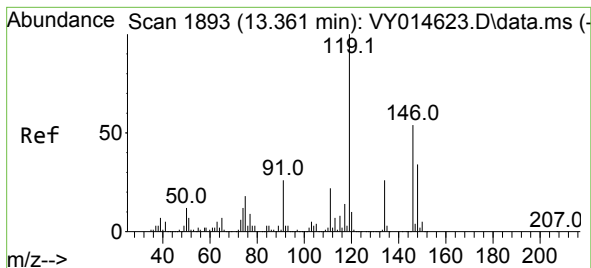
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.732 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

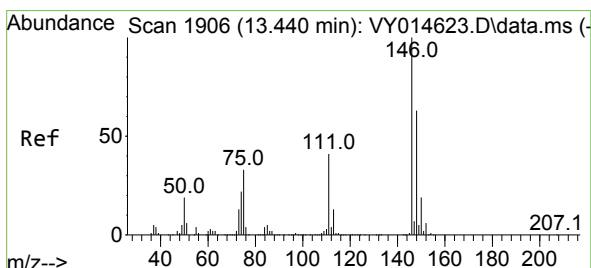
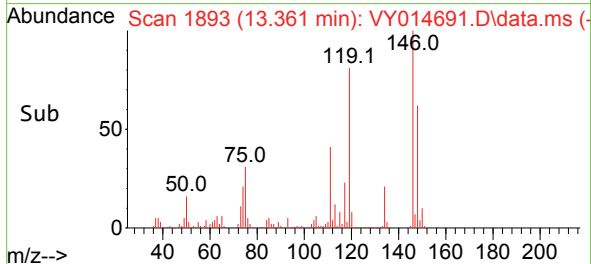
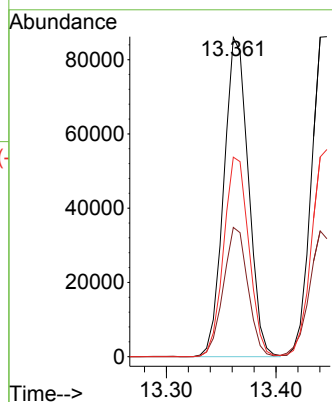
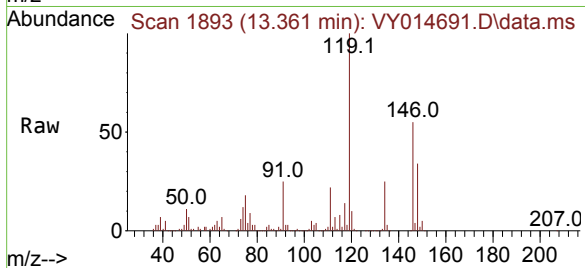
Tgt Ion:146 Resp: 133871

Ion Ratio Lower Upper

146 100

111 40.4 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.747 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

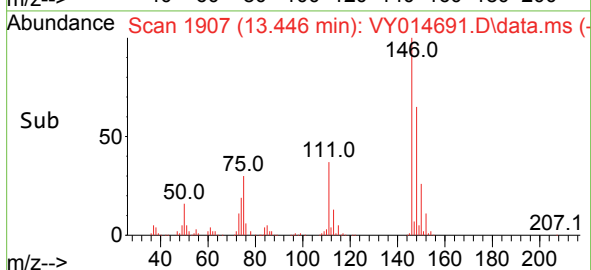
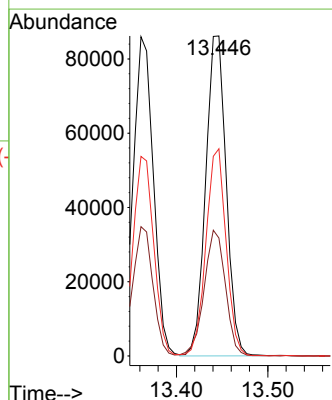
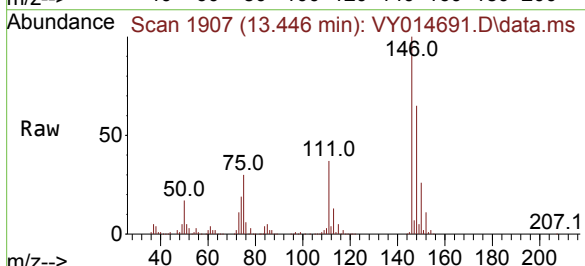
Tgt Ion:146 Resp: 134254

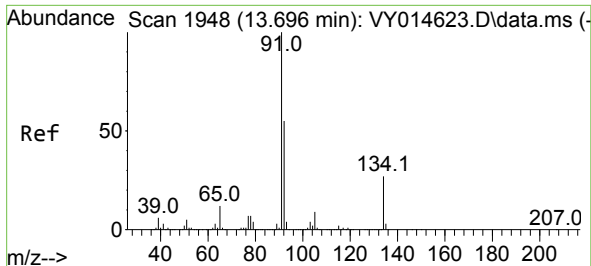
Ion Ratio Lower Upper

146 100

111 40.8 18.9 56.7

148 64.0 32.1 96.5

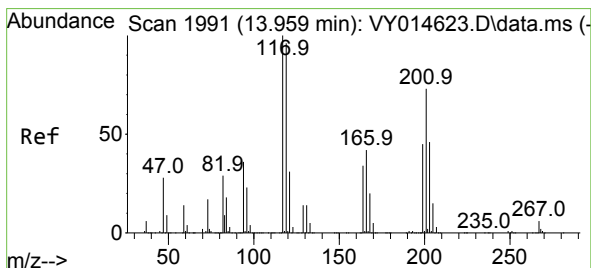
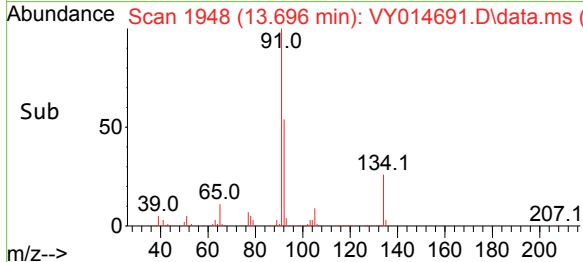
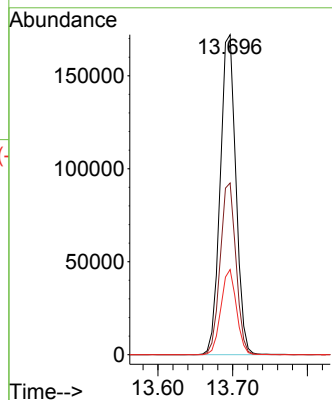
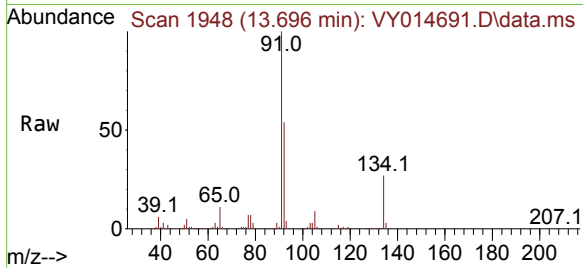




#89
n-Butylbenzene
Concen: 19.013 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

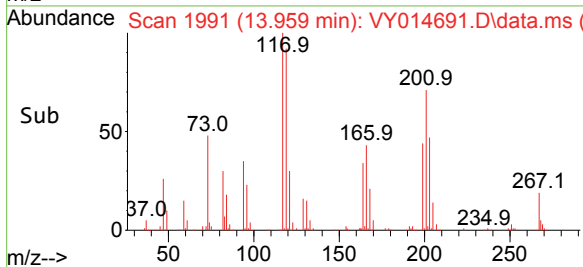
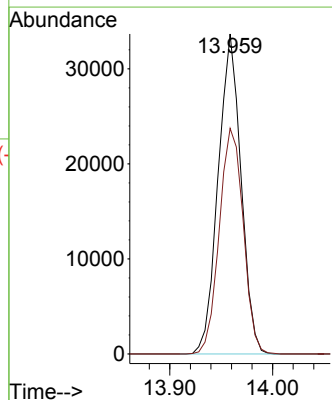
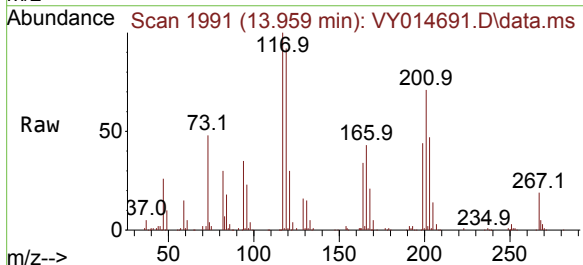
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

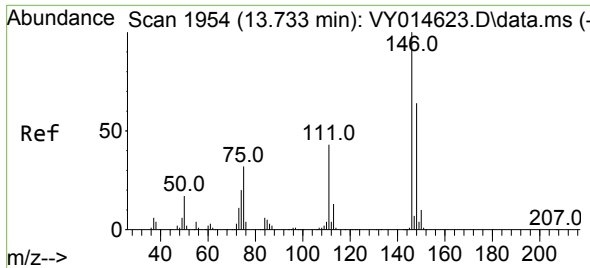
Tgt Ion: 91 Resp: 250645
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 18.623 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 117 Resp: 51832
Ion Ratio Lower Upper
117 100
201 74.0 41.6 124.8

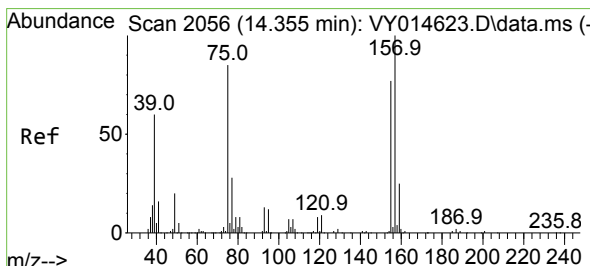
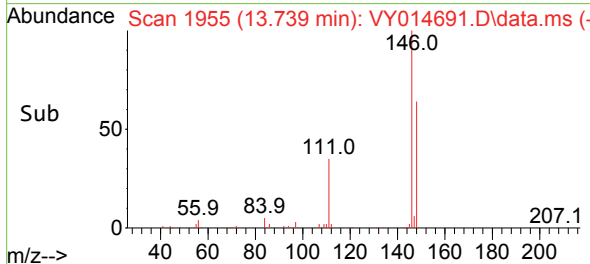
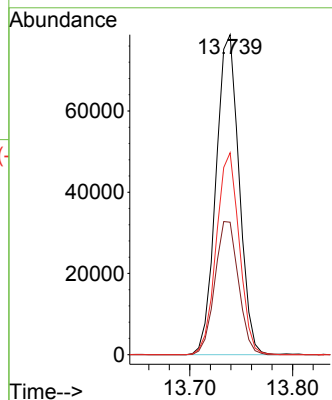
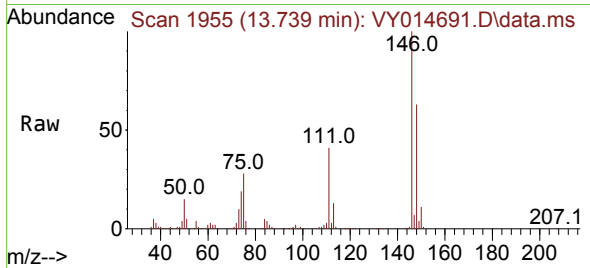




#91
1,2-Dichlorobenzene
Concen: 19.771 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

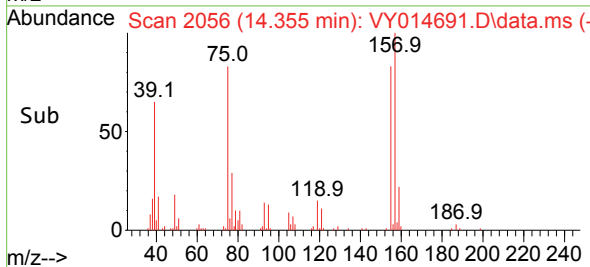
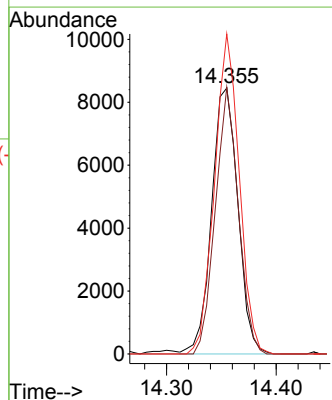
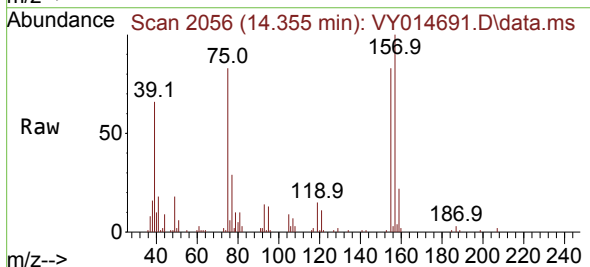
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

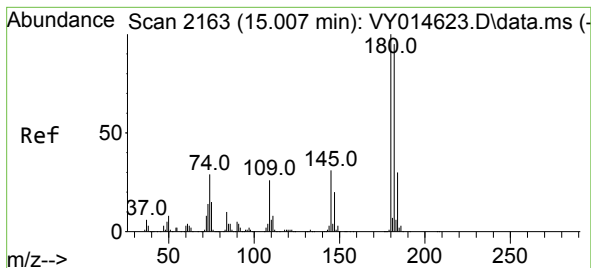
Tgt Ion:146 Resp: 122893
Ion Ratio Lower Upper
146 100
111 42.5 19.7 59.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.098 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014691.D
Acq: 18 Jul 2023 10:48

Tgt Ion: 75 Resp: 14051
Ion Ratio Lower Upper
75 100
155 87.8 41.5 124.6
157 113.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.141 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

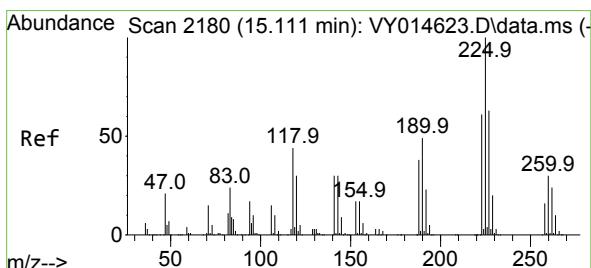
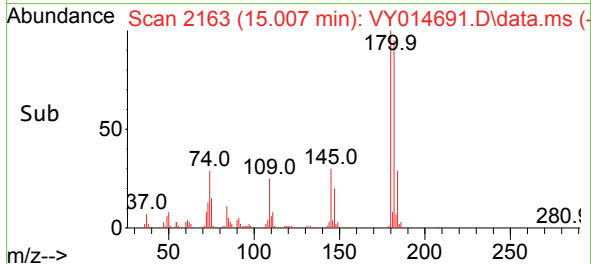
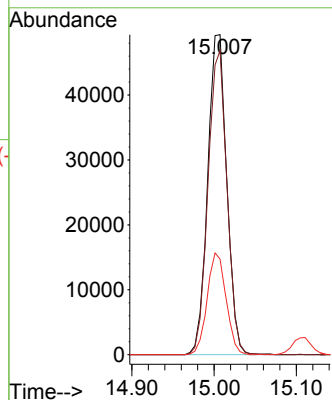
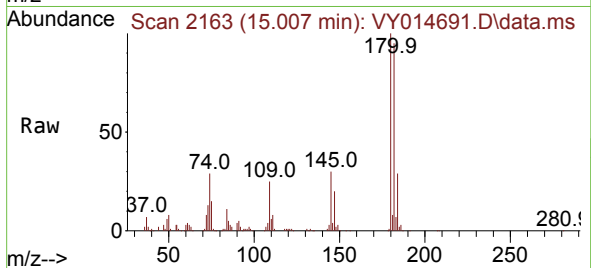
Tgt Ion:180 Resp: 79475

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.700 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

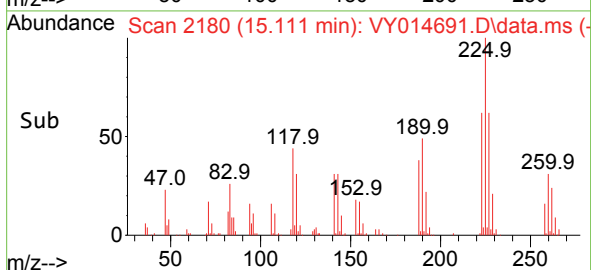
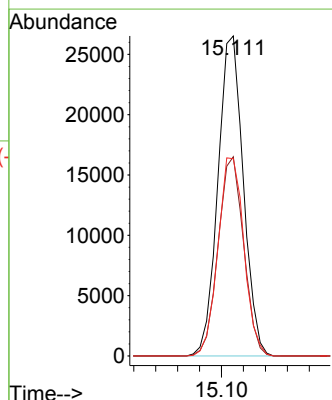
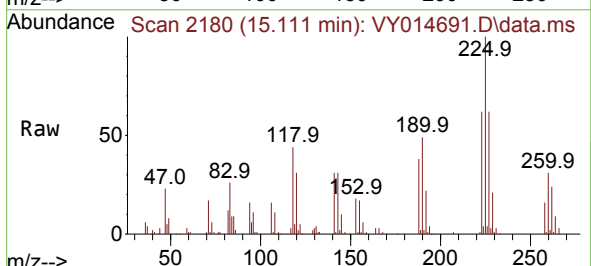
Tgt Ion:225 Resp: 42717

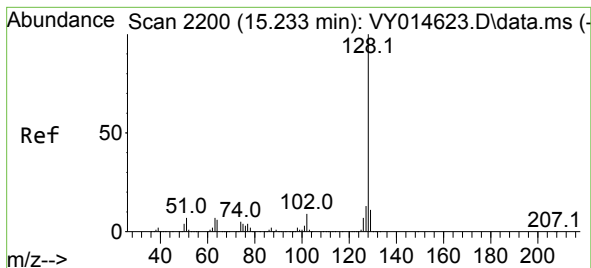
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 21.198 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

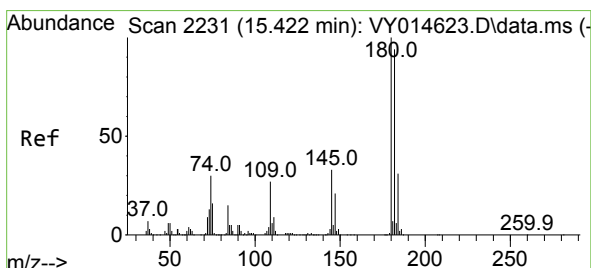
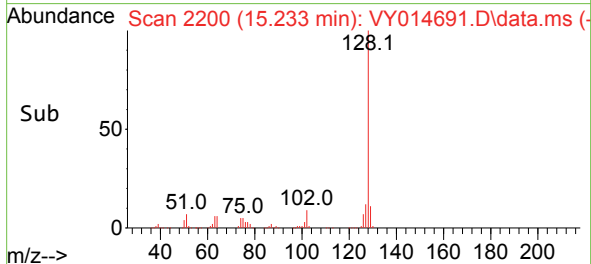
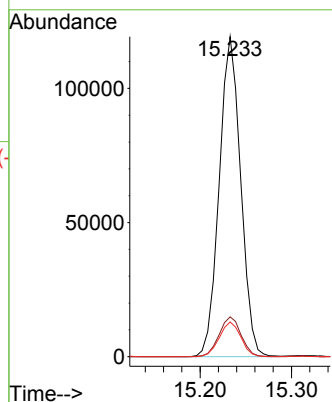
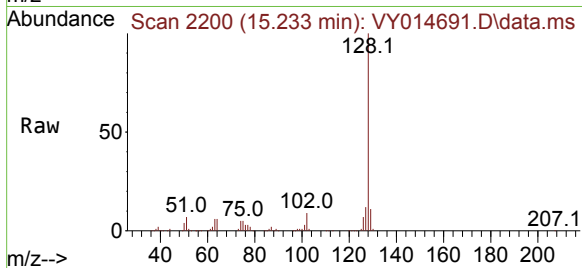
Tgt Ion:128 Resp: 194867

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.419 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014691.D

Acq: 18 Jul 2023 10:48

Tgt Ion:180 Resp: 71607

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 33.1 15.4 46.2

