

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014685.D
 Acq On : 17 Jul 2023 20:14
 Operator : SY/MD
 Sample : 03631-03MSD
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

Quant Time: Jul 18 06:15:01 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	202383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121311	52.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.200%	
35) Dibromofluoromethane	7.716	113	113671	53.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.179	98	393810	50.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.477	95	131528	43.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	82826	50.233	ug/l	100
3) Chloromethane	2.107	50	109838	59.261	ug/l	99
4) Vinyl Chloride	2.247	62	129902	62.711	ug/l	98
5) Bromomethane	2.644	94	87317	63.786	ug/l	99
6) Chloroethane	2.784	64	82562	63.808	ug/l	93
7) Trichlorofluoromethane	3.119	101	190514	54.762	ug/l	95
8) Diethyl Ether	3.528	74	67838	52.408	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	111824	52.441	ug/l	96
10) Methyl Iodide	4.082	142	100712	44.812	ug/l	96
11) Tert butyl alcohol	4.960	59	92513	187.849	ug/l #	79
12) 1,1-Dichloroethene	3.863	96	104739	52.555	ug/l	93
13) Acrolein	3.741	56	984	4.082	ug/l	98
14) Allyl chloride	4.473	41	168199	47.533	ug/l	96
15) Acrylonitrile	5.155	53	182339	255.451	ug/l	99
16) Acetone	3.942	43	162187	221.926	ug/l	92
17) Carbon Disulfide	4.186	76	269694	47.267	ug/l	100
18) Methyl Acetate	4.473	43	249971	89.131	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	352973	54.523	ug/l	100
20) Methylene Chloride	4.710	84	138108	58.926	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	114976	50.836	ug/l	96
22) Diisopropyl ether	6.119	45	366978	51.009	ug/l #	86
23) Vinyl Acetate	6.058	43	224512	52.148	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	213584	51.885	ug/l	97
25) 2-Butanone	6.984	43	259657	242.856	ug/l	95
26) 2,2-Dichloropropane	6.978	77	169606	43.231	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	137842	52.360	ug/l	92
28) Bromochloromethane	7.332	49	77913	43.947	ug/l	90
29) Tetrahydrofuran	7.344	42	178377	270.945	ug/l	92
30) Chloroform	7.503	83	222696	52.462	ug/l	95
31) Cyclohexane	7.783	56	170615	44.566	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	203279	53.207	ug/l	99
36) 1,1-Dichloropropene	7.917	75	161675	50.951	ug/l	99
37) Ethyl Acetate	7.070	43	78655	36.003	ug/l #	94
38) Carbon Tetrachloride	7.899	117	179928	53.641	ug/l	97
39) Methylcyclohexane	9.179	83	183331	44.347	ug/l	94
40) Benzene	8.161	78	467775	51.833	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	158529	141.075	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	151233	52.919	ug/l	96
43) Isopropyl Acetate	8.271	43	171238	41.147	ug/l	93
44) Trichloroethene	8.935	130	129519	51.295	ug/l	97
45) 1,2-Dichloropropane	9.216	63	121015	51.353	ug/l	96
46) Dibromomethane	9.307	93	77343	54.102	ug/l	96
47) Bromodichloromethane	9.496	83	176796	52.471	ug/l	98
48) Methyl methacrylate	9.289	41	108681	58.037	ug/l	92
49) 1,4-Dioxane	9.295	88	27104	1162.728	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	591623	270.758	ug/l	94
52) Toluene	10.240	92	292286	50.614	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	176136	47.791	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	191333	47.739	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	108355	54.412	ug/l	96
56) Ethyl methacrylate	10.508	69	112785	37.094	ug/l	89
57) 1,3-Dichloropropane	10.789	76	181130	52.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	325457	229.730	ug/l	94
59) 2-Hexanone	10.831	43	386073	242.285	ug/l	92
60) Dibromochloromethane	10.984	129	131825	53.992	ug/l	99
61) 1,2-Dibromoethane	11.087	107	106464	53.592	ug/l	100
64) Tetrachloroethene	10.715	164	127338	57.858	ug/l	99
65) Chlorobenzene	11.514	112	299368	51.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	126182	57.390	ug/l	99
67) Ethyl Benzene	11.593	91	554490	52.665	ug/l	98
68) m/p-Xylenes	11.703	106	417681	103.925	ug/l	96
69) o-Xylene	12.026	106	206260	52.690	ug/l	97
70) Styrene	12.044	104	333997	50.623	ug/l	98
71) Bromoform	12.209	173	83962	56.338	ug/l #	99
73) Isopropylbenzene	12.331	105	528391	58.815	ug/l	100
74) N-amyl acetate	12.142	43	89020	29.586	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	132541	64.694	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	167487	115.580	ug/l #	100
77) Bromobenzene	12.605	156	121400	59.198	ug/l	95
78) n-propylbenzene	12.666	91	591619	54.649	ug/l	100
79) 2-Chlorotoluene	12.758	91	338577	54.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	413127	55.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	40868	54.605	ug/l	94
82) 4-Chlorotoluene	12.855	91	342021	53.259	ug/l	99
83) tert-Butylbenzene	13.075	119	371288	55.786	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	400111	54.339	ug/l	98
85) sec-Butylbenzene	13.252	105	507914	52.023	ug/l	100
86) p-Isopropyltoluene	13.367	119	410219	51.461	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	206175	51.657	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	206900	51.731	ug/l	98
89) n-Butylbenzene	13.697	91	345665	44.571	ug/l	97
90) Hexachloroethane	13.959	117	83575	51.044	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	192819	52.729	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23793	60.727	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	87281	37.600	ug/l	98
94) Hexachlorobutadiene	15.111	225	41201	32.299	ug/l	99
95) Naphthalene	15.233	128	263295	48.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	77635	37.632	ug/l	97

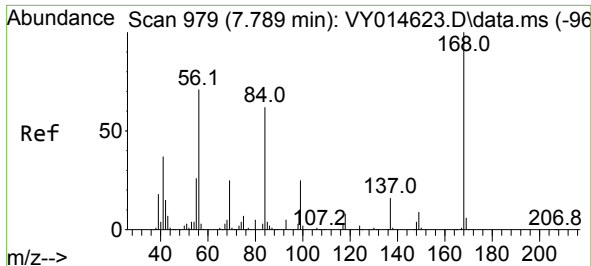
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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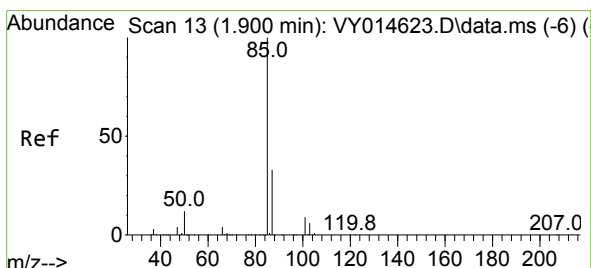
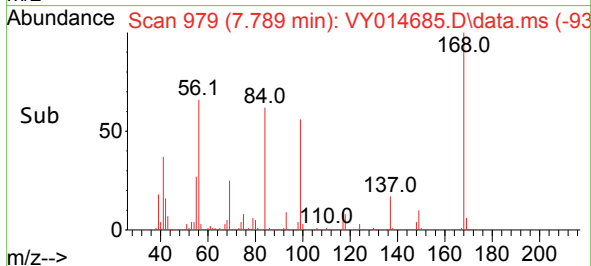
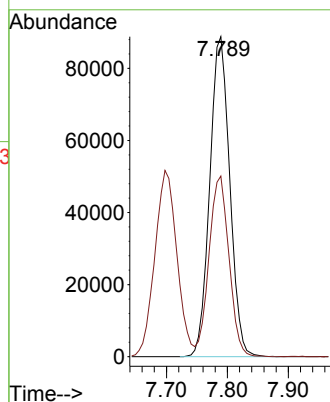
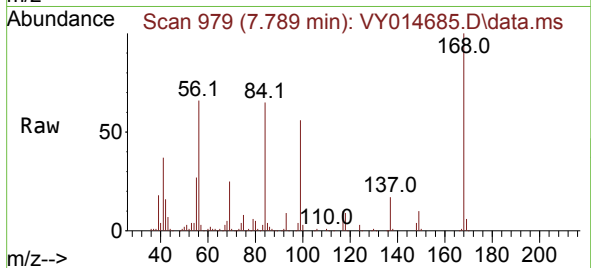
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014685.D
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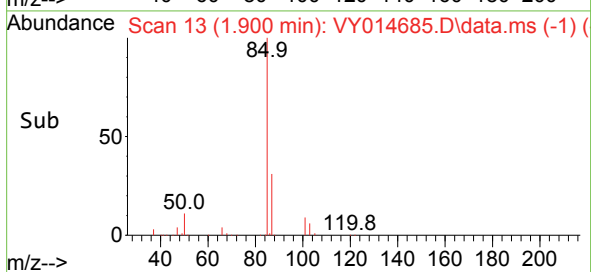
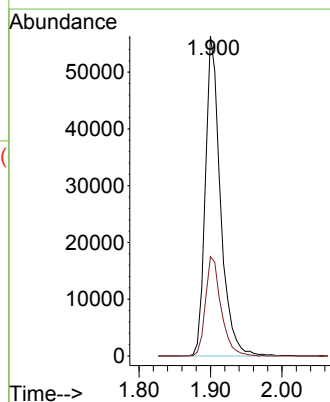
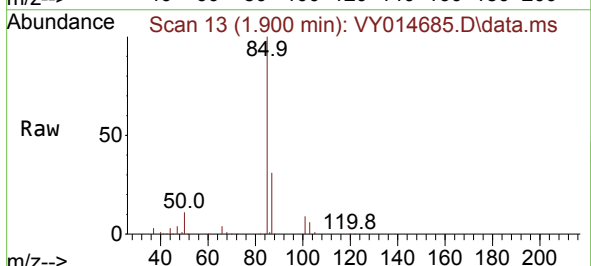
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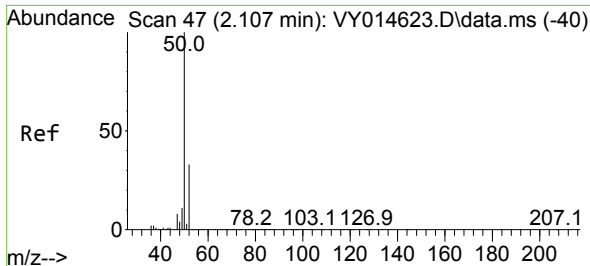
Tgt Ion:168 Resp: 202383
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.233 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 85 Resp: 82826
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.8

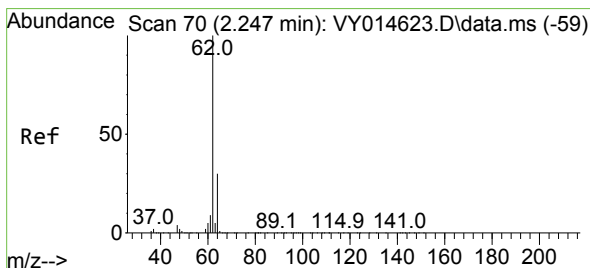
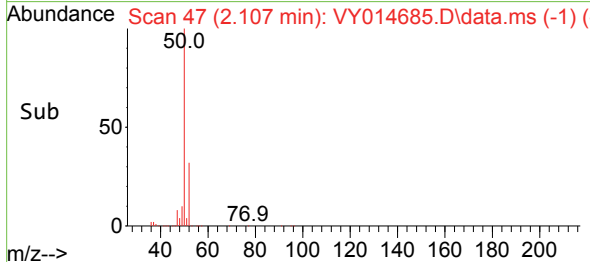
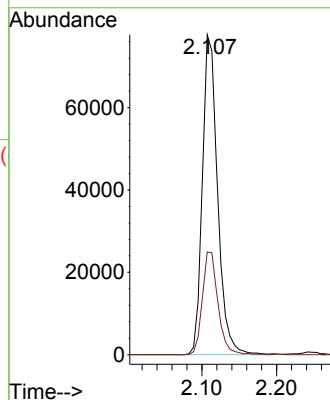
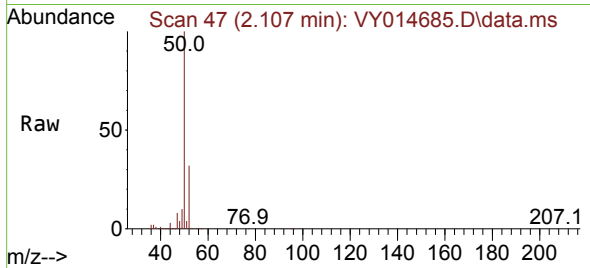




#3
Chloromethane
Concen: 59.261 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

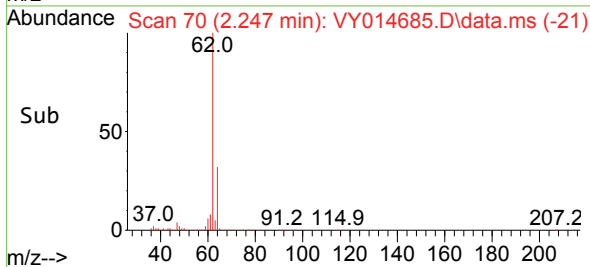
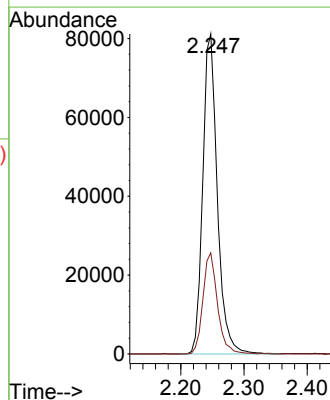
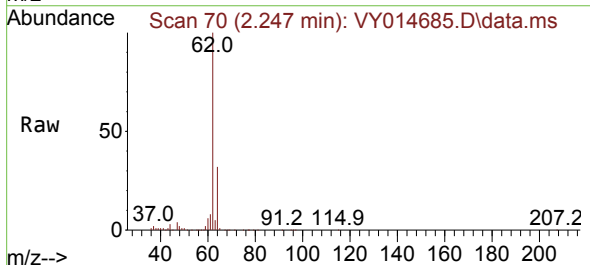
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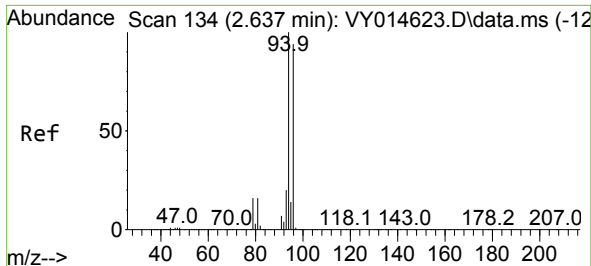
Tgt Ion: 50 Resp: 109838
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 62.711 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 62 Resp: 129902
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

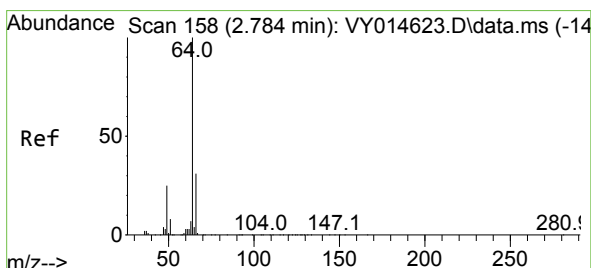
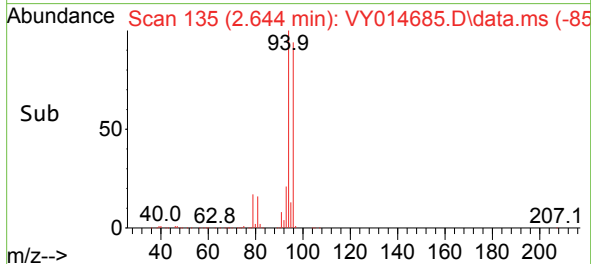
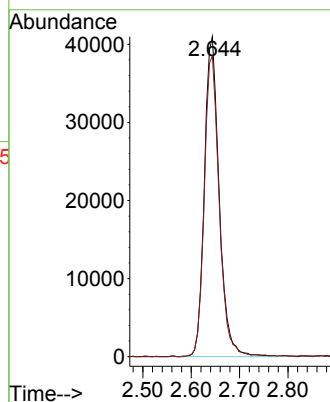
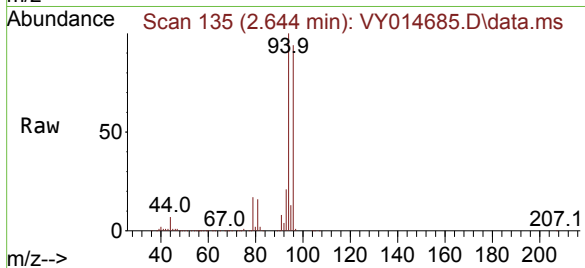




#5
Bromomethane
Concen: 63.786 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

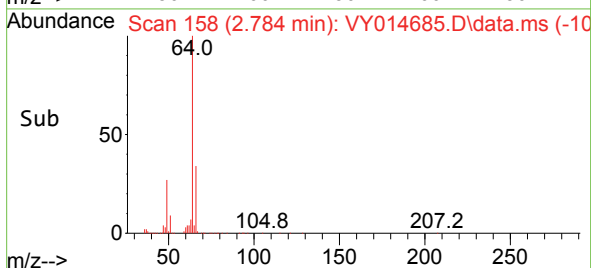
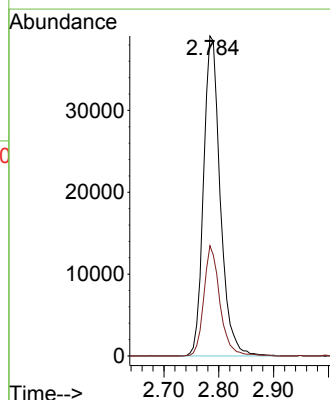
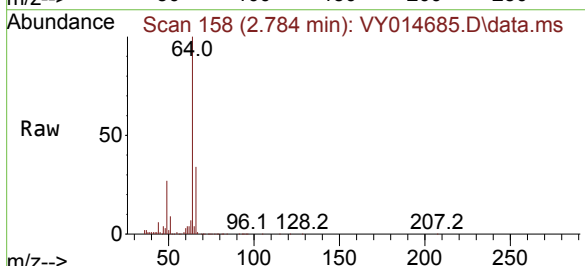
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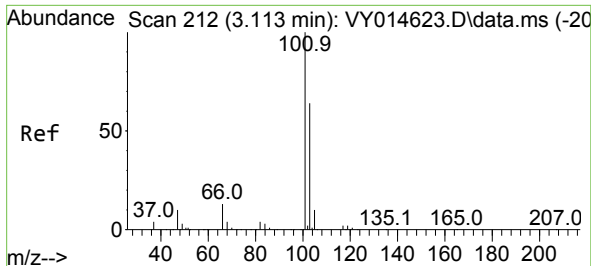
Tgt Ion: 94 Resp: 87317
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 63.808 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 64 Resp: 82562
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

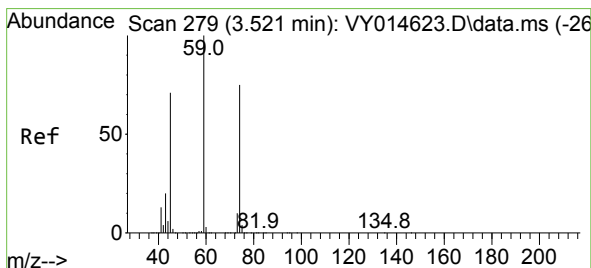
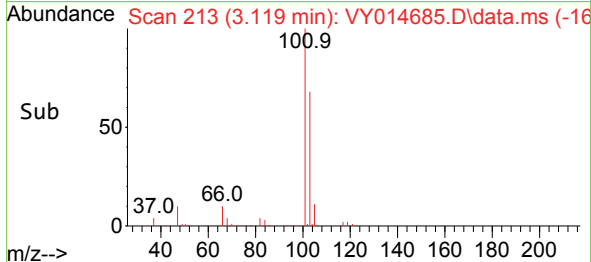
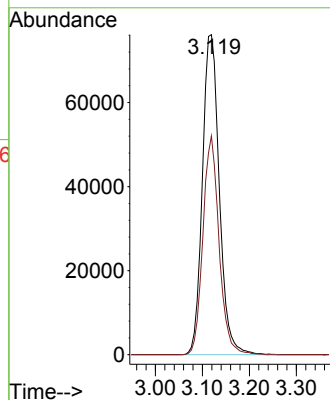
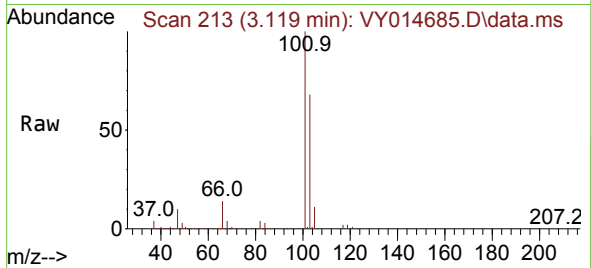




#7
 Trichlorofluoromethane
 Concen: 54.762 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

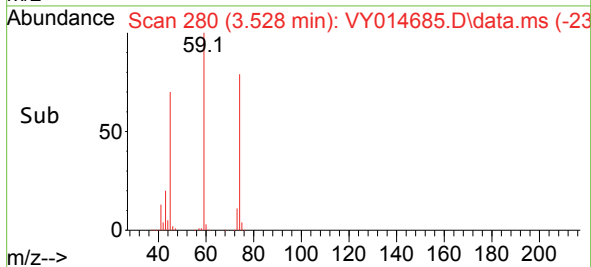
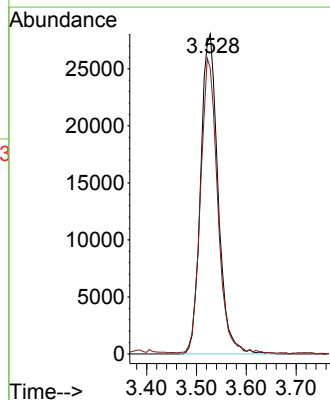
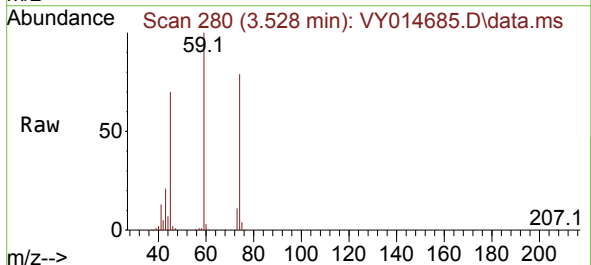
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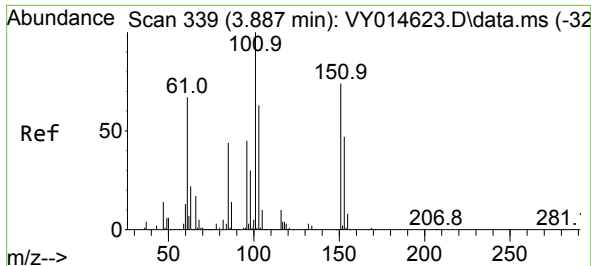
Tgt Ion:101 Resp: 190514
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.408 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 74 Resp: 67838
 Ion Ratio Lower Upper
 74 100
 45 90.7 51.5 154.5

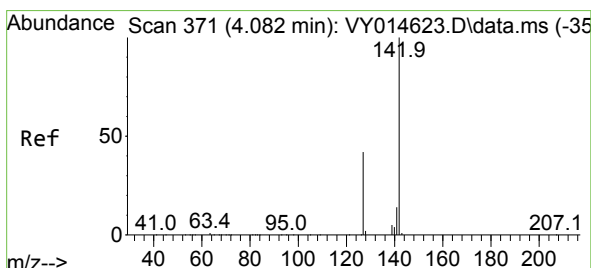
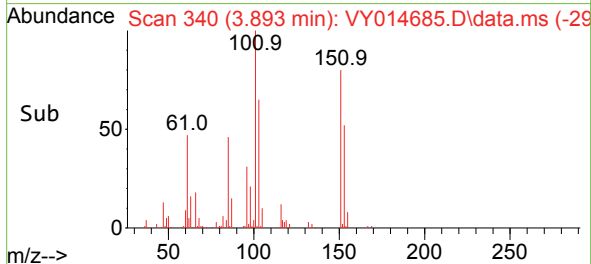
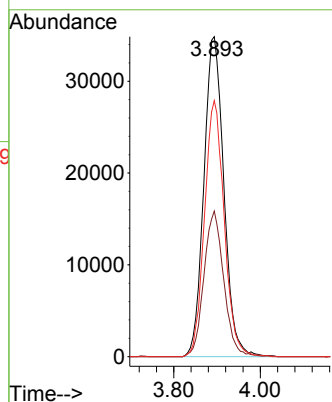
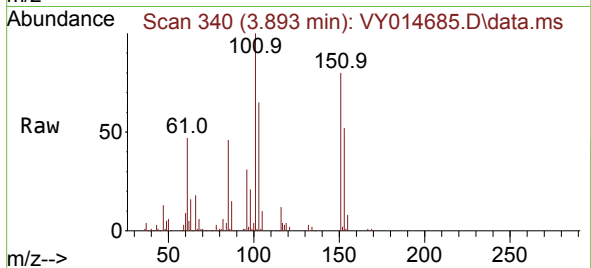




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.441 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014685.D
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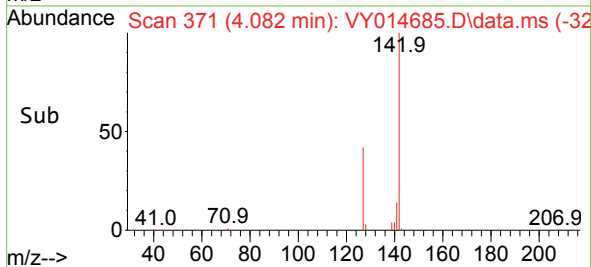
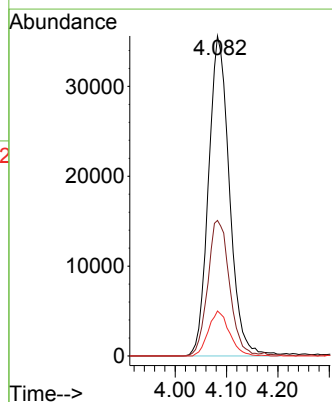
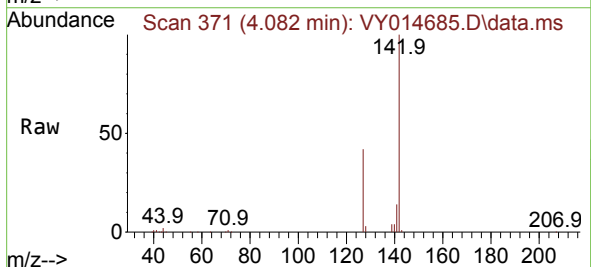
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

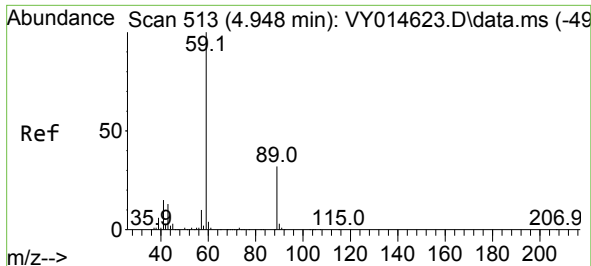
Tgt Ion:101 Resp: 111824
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 44.812 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:142 Resp: 100712
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.1 11.8 17.8

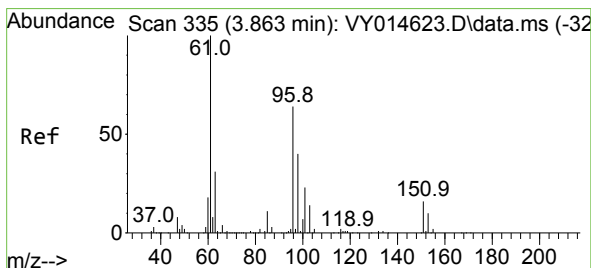
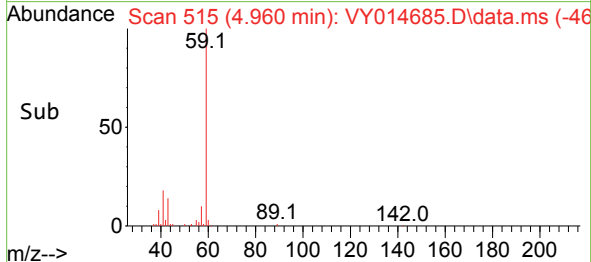
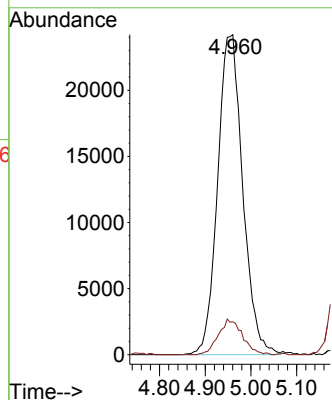
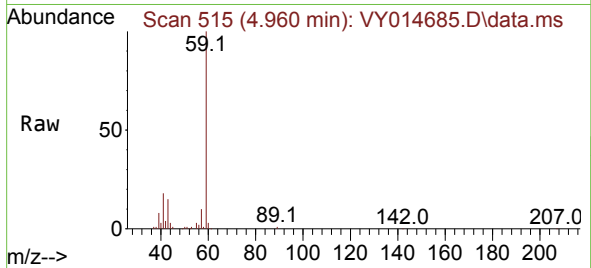




#11
Tert butyl alcohol
Concen: 187.849 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

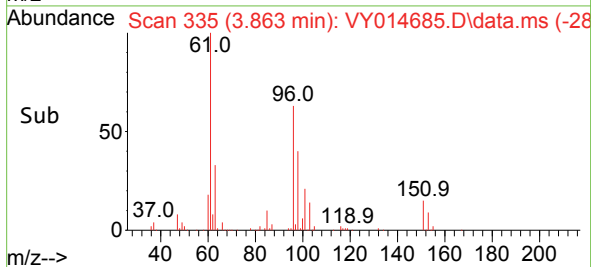
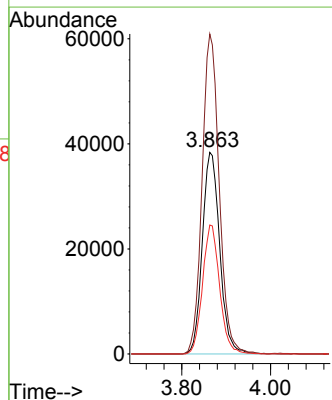
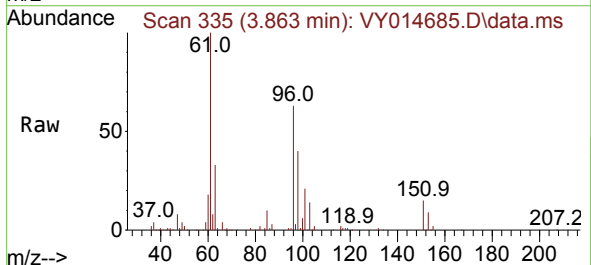
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

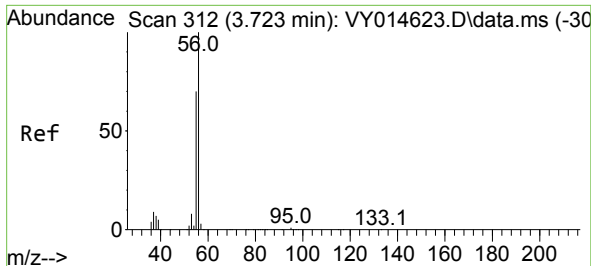
Tgt Ion: 59 Resp: 92513
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.555 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 96 Resp: 104739
Ion Ratio Lower Upper
96 100
61 158.7 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 4.082 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

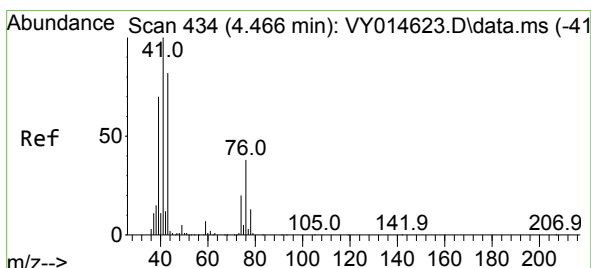
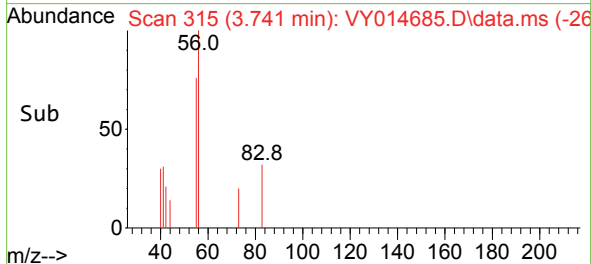
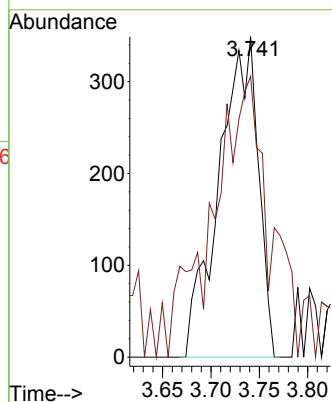
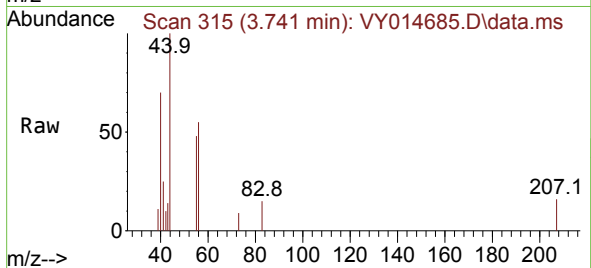
SB-02(2-4)MSD

Tgt Ion: 56 Resp: 984

Ion Ratio Lower Upper

56 100

55 72.8 57.0 85.4



#14

Allyl chloride

Concen: 47.533 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.007 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

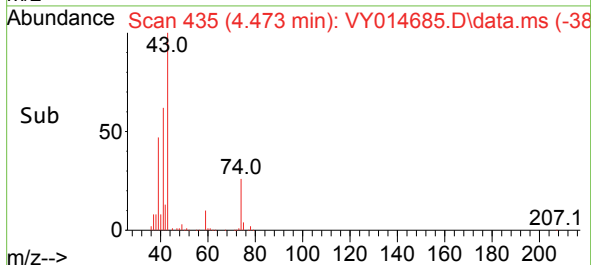
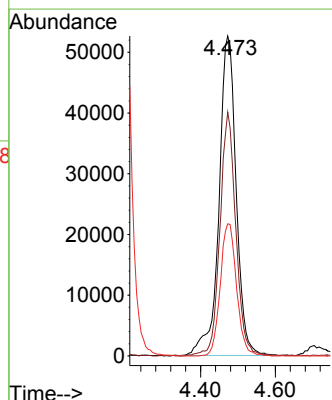
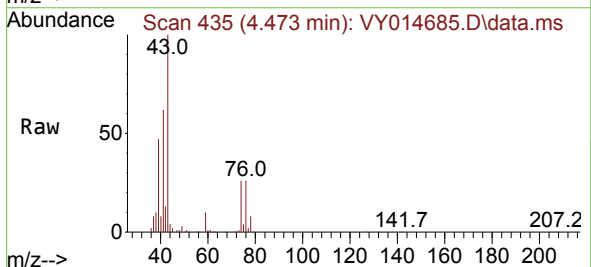
Tgt Ion: 41 Resp: 168199

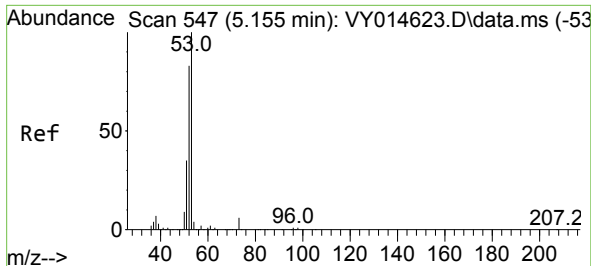
Ion Ratio Lower Upper

41 100

39 70.6 58.0 87.0

76 39.3 27.4 41.2

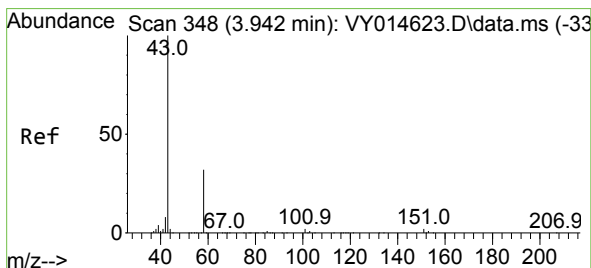
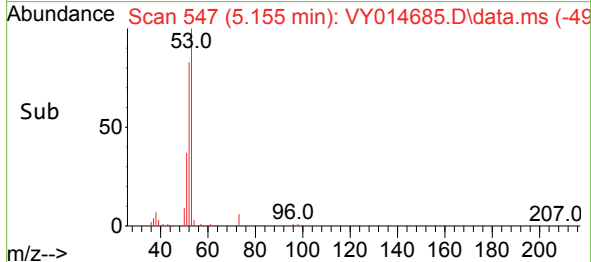
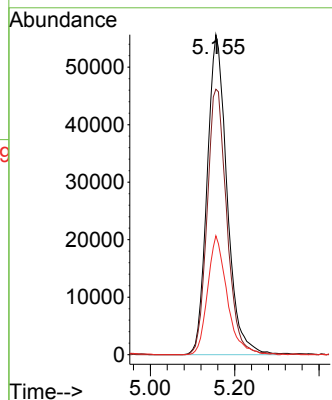
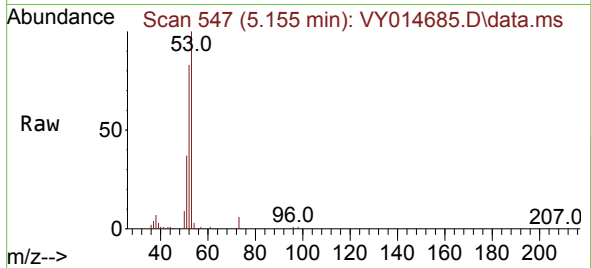




#15
Acrylonitrile
Concen: 255.451 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

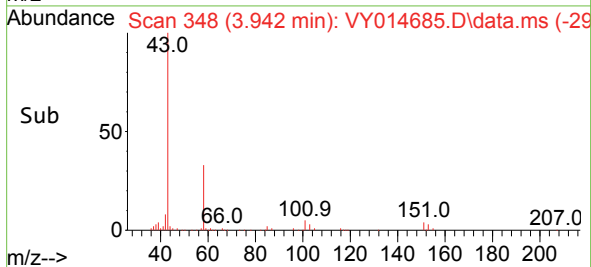
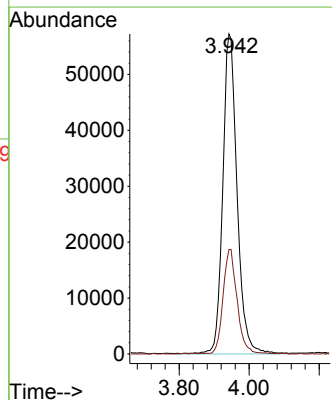
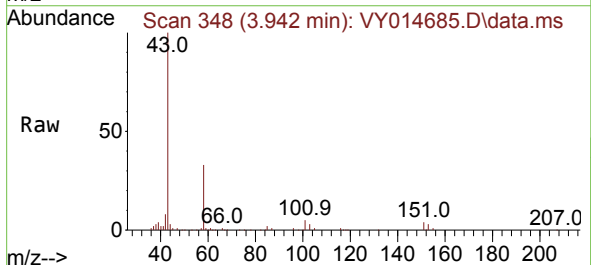
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

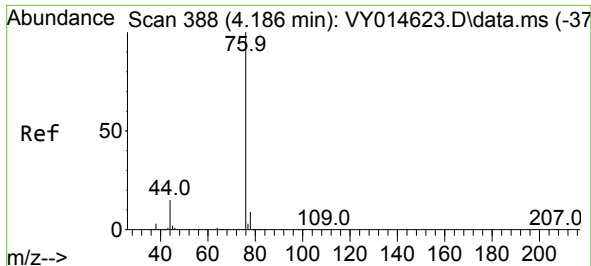
Tgt Ion: 53 Resp: 182339
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 221.926 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 43 Resp: 162187
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

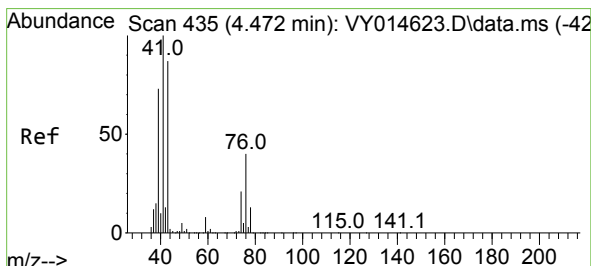
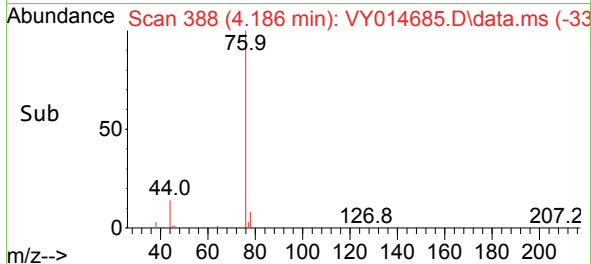
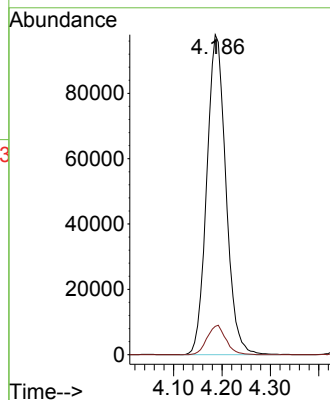
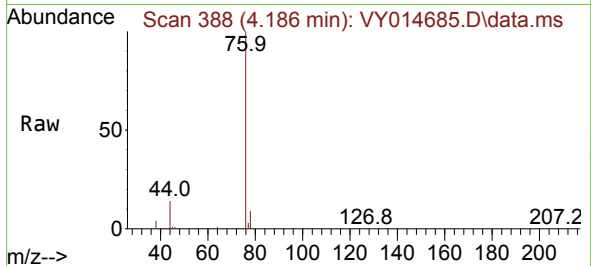




#17
Carbon Disulfide
Concen: 47.267 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

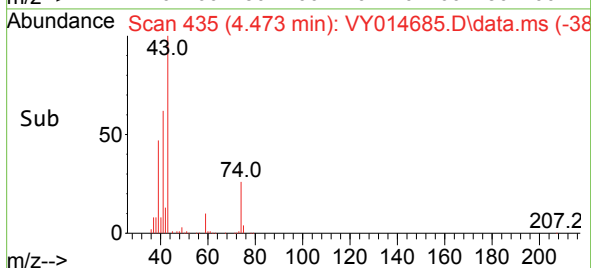
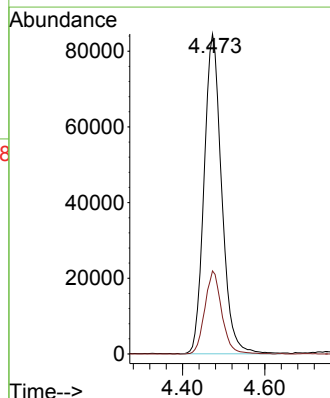
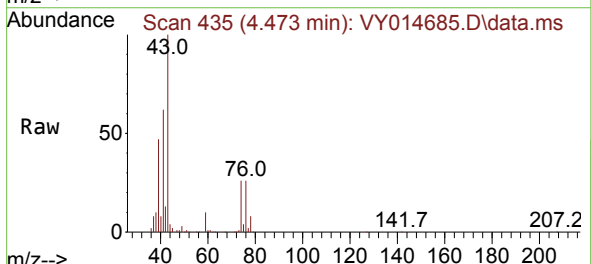
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

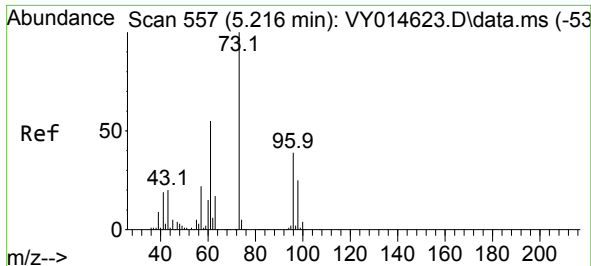
Tgt Ion: 76 Resp: 269694
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 89.131 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 43 Resp: 249971
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

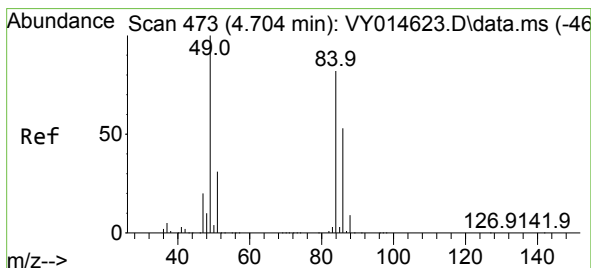
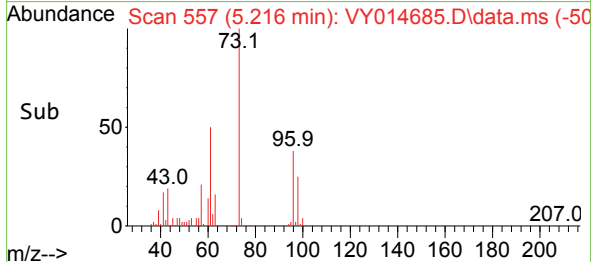
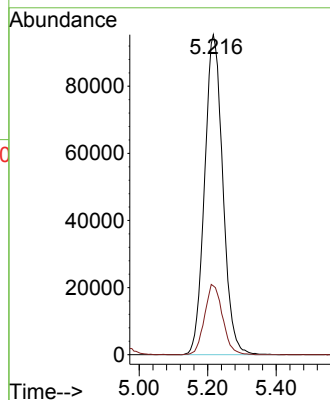
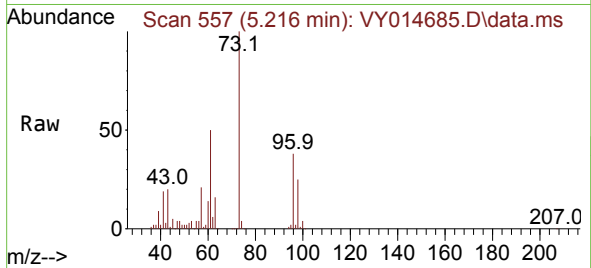




#19
Methyl tert-butyl Ether
Concen: 54.523 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

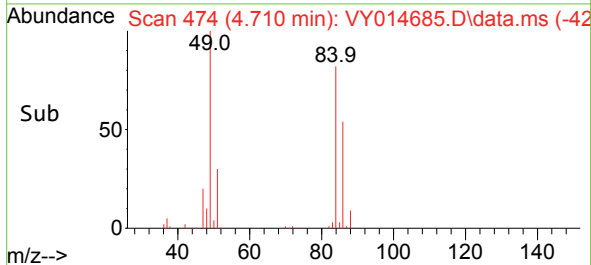
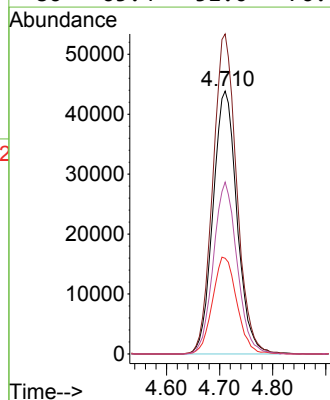
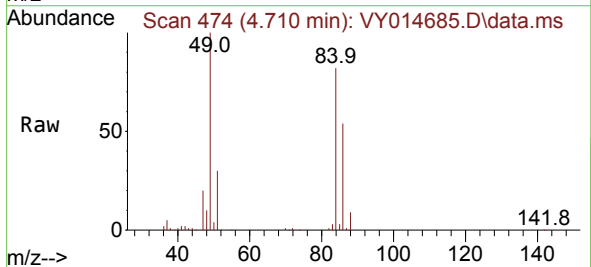
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

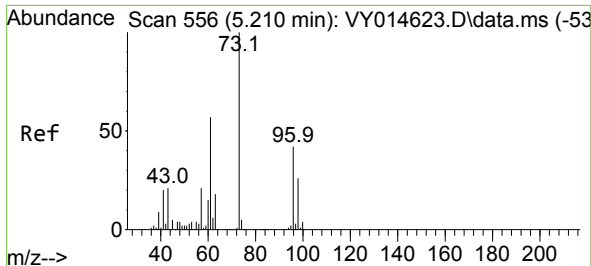
Tgt Ion: 73 Resp: 352973
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 58.926 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 84 Resp: 138108
Ion Ratio Lower Upper
84 100
49 121.8 106.9 160.3
51 36.4 33.2 49.8
86 65.4 51.0 76.6

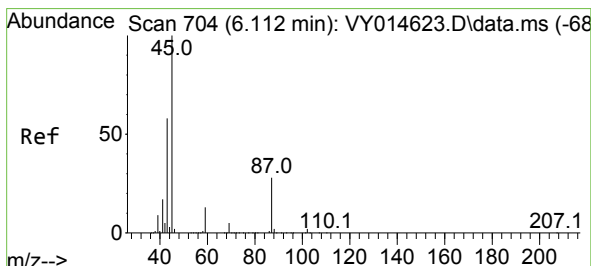
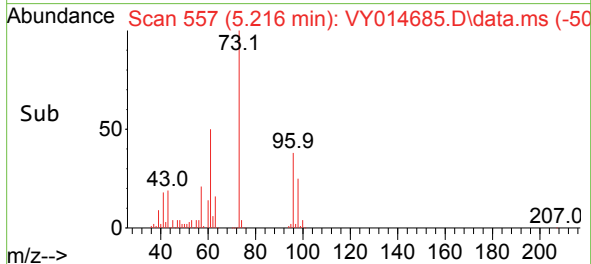
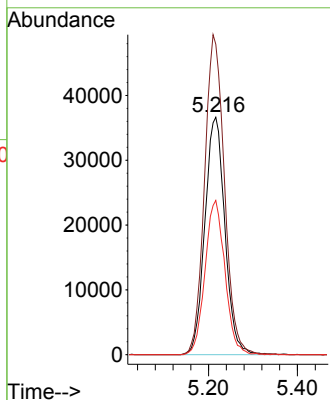
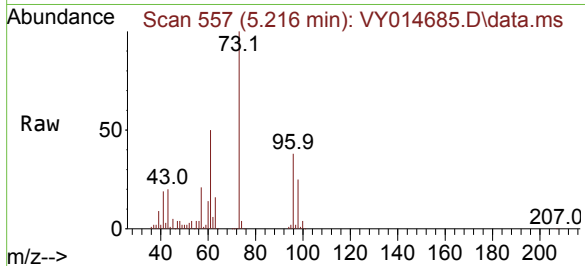




#21
trans-1,2-Dichloroethene
Concen: 50.836 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

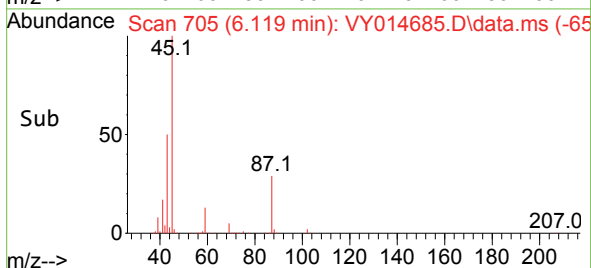
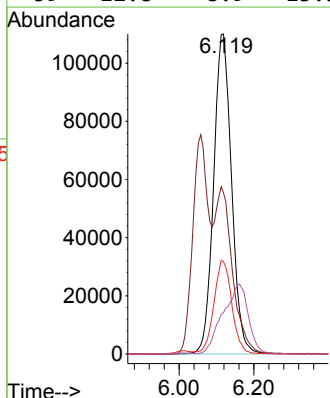
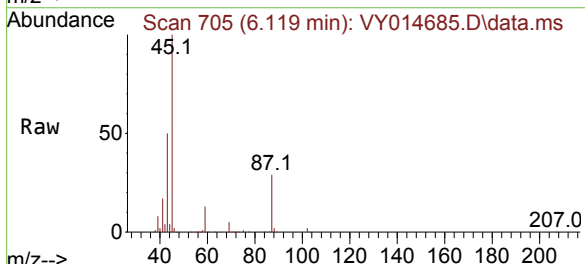
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

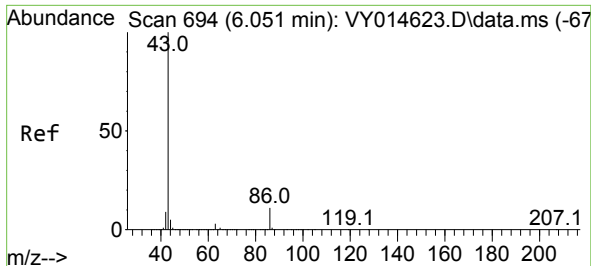
Tgt Ion: 96 Resp: 114976
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 51.009 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 45 Resp: 366978
Ion Ratio Lower Upper
45 100
43 50.1 52.2 78.4#
87 28.9 21.0 31.6
59 12.8 8.9 13.3

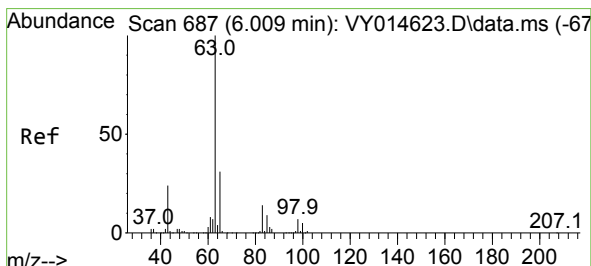
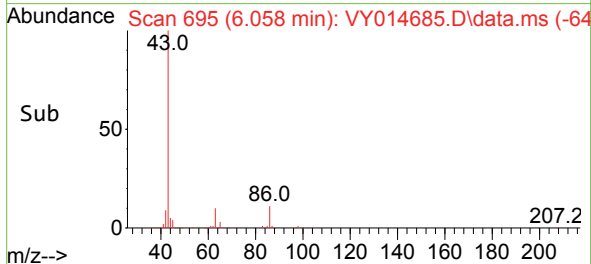
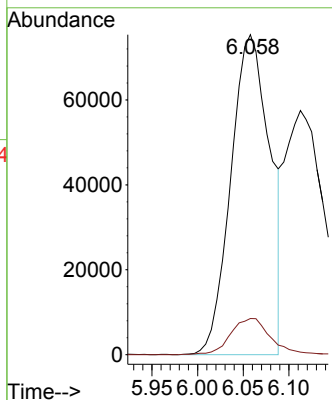
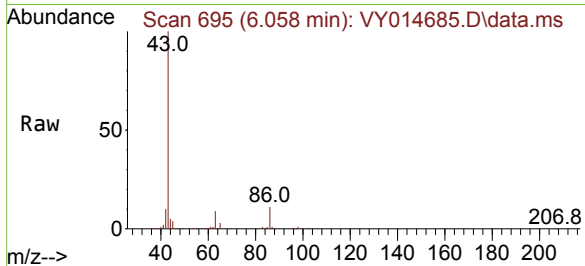




#23
 Vinyl Acetate
 Concen: 52.148 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

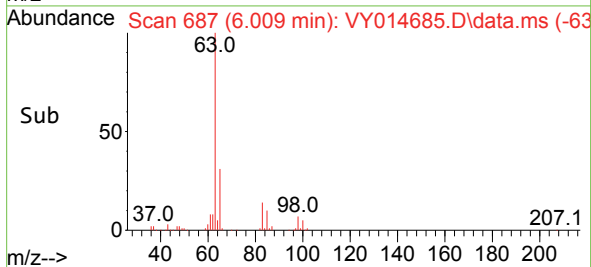
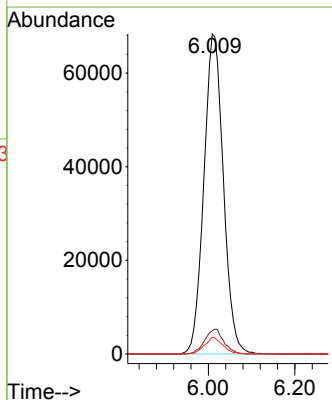
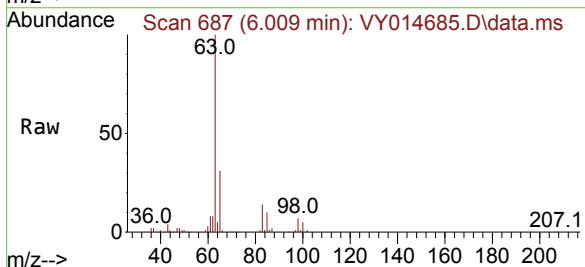
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

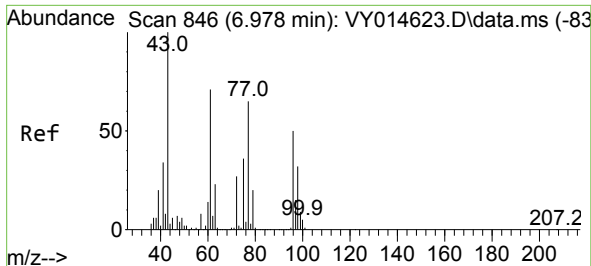
Tgt Ion: 43 Resp: 224512
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.885 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 63 Resp: 213584
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.2 1.8 5.5

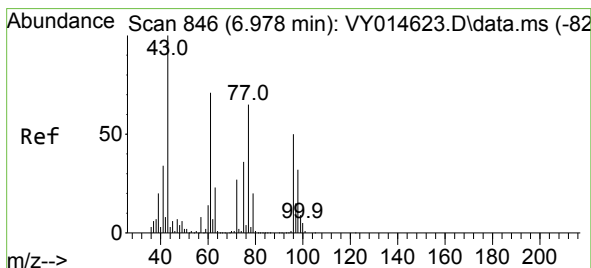
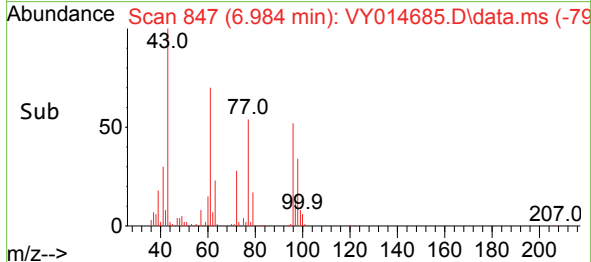
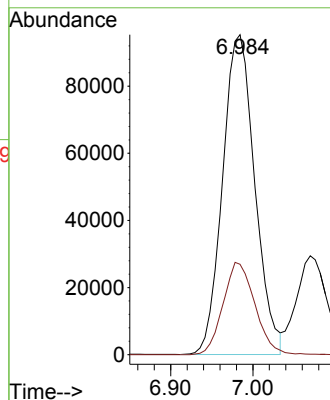
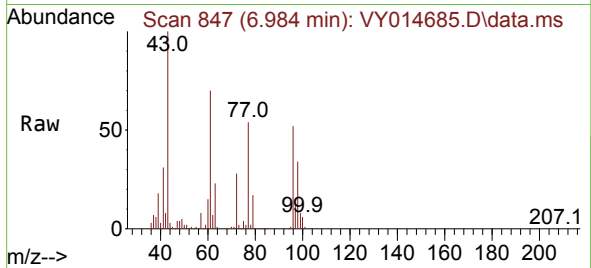




#25
2-Butanone
Concen: 242.856 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

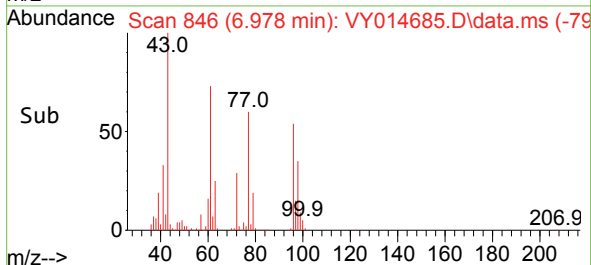
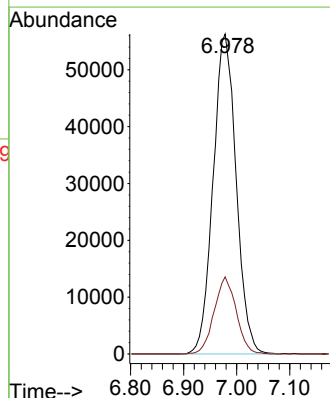
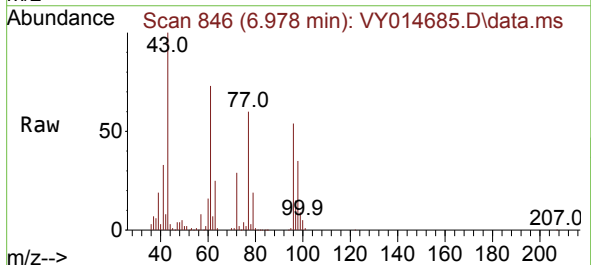
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

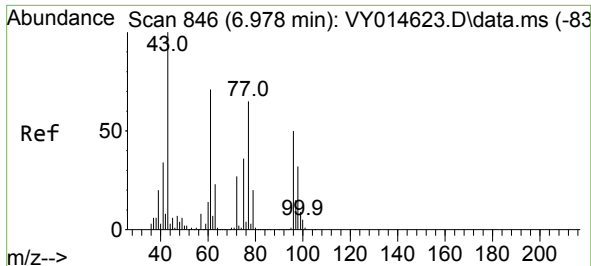
Tgt Ion: 43 Resp: 259657
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 43.231 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 77 Resp: 169606
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9

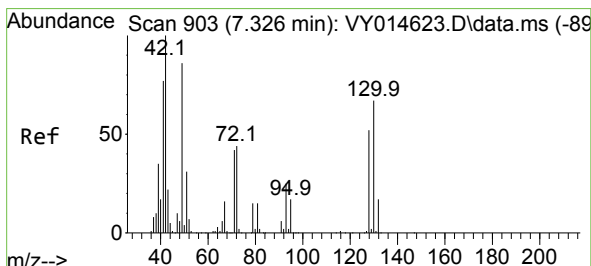
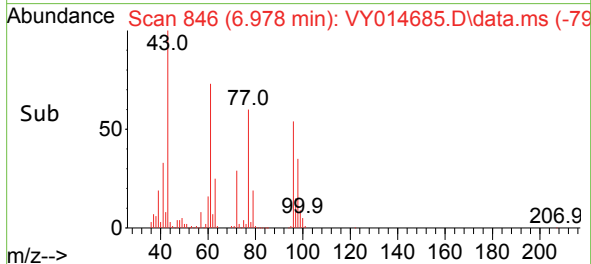
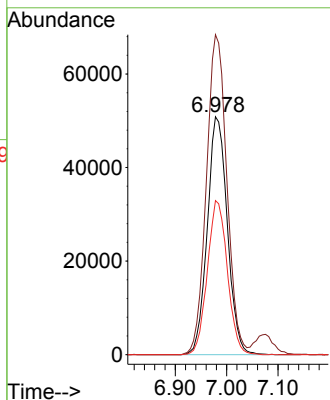
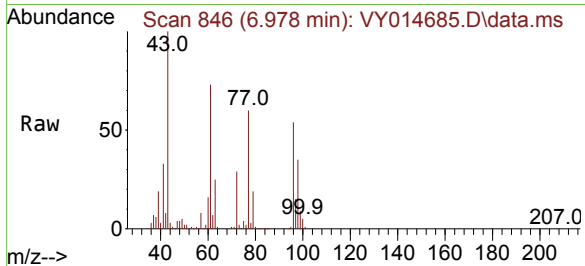




#27
 cis-1,2-Dichloroethene
 Concen: 52.360 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

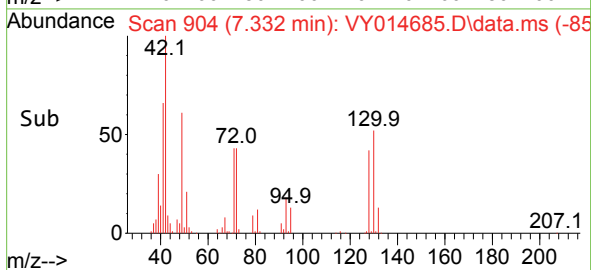
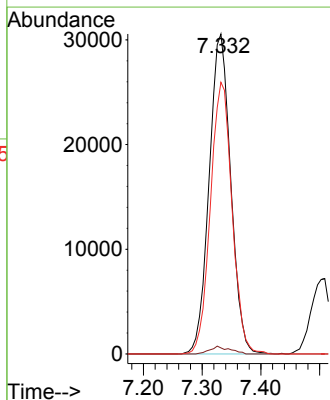
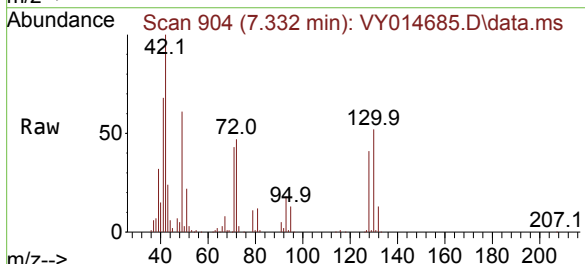
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

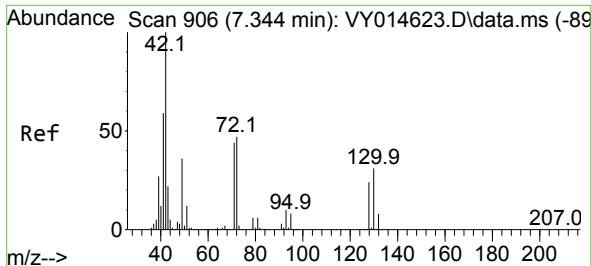
Tgt Ion: 96 Resp: 137842
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 301.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 43.947 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 49 Resp: 77913
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 85.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 270.945 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

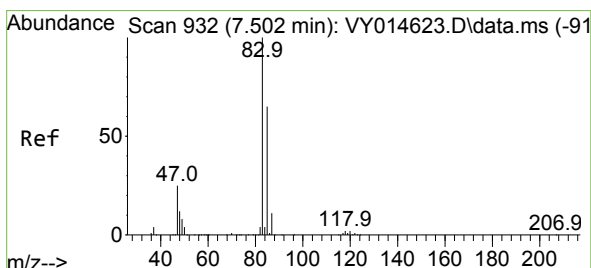
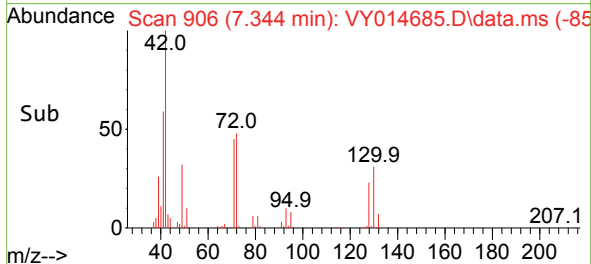
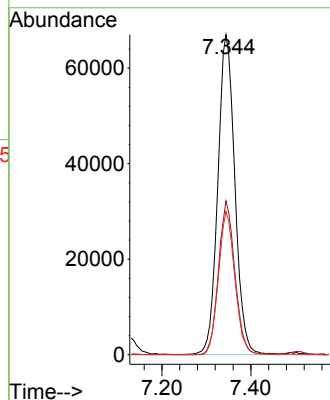
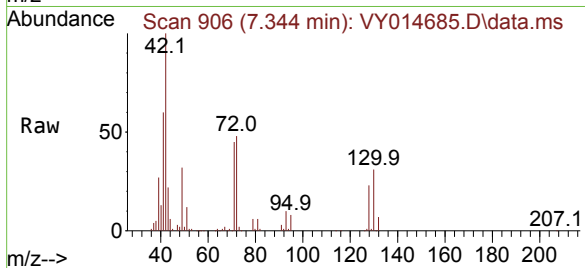
Tgt Ion: 42 Resp: 178377

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 43.0 31.0 46.4



#30

Chloroform

Concen: 52.462 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY014685.D

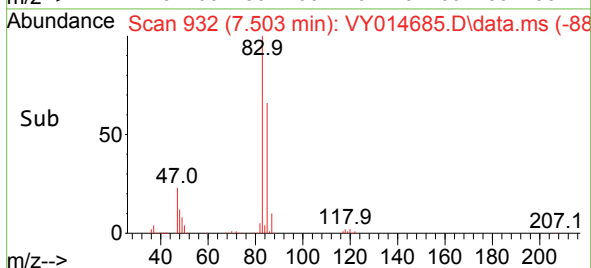
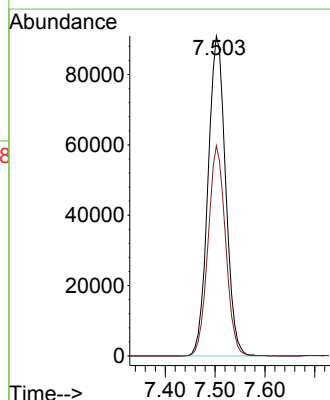
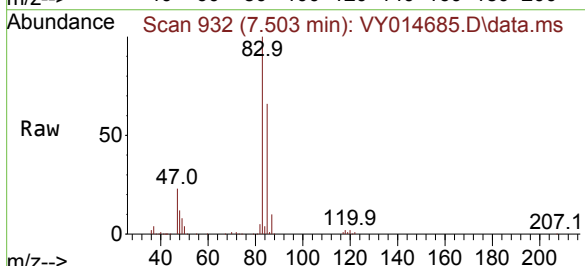
Acq: 17 Jul 2023 20:14

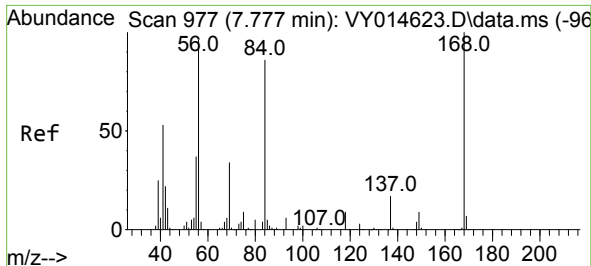
Tgt Ion: 83 Resp: 222696

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

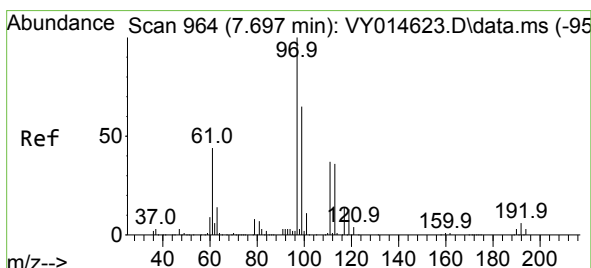
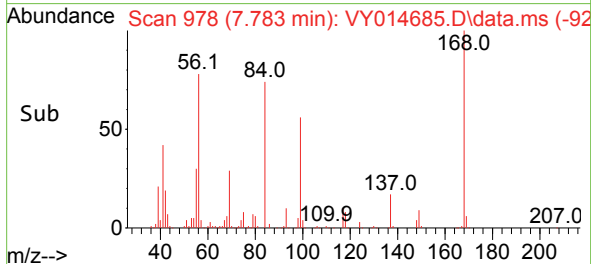
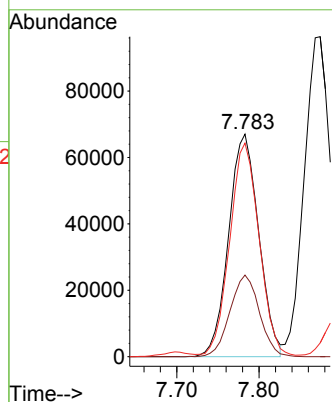
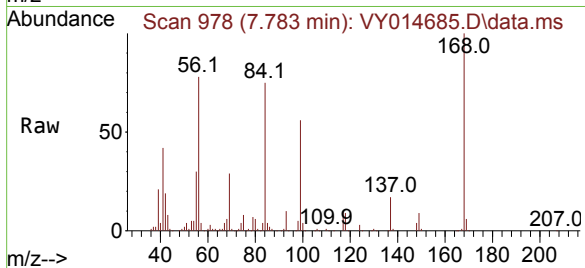




#31
Cyclohexane
Concen: 44.566 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

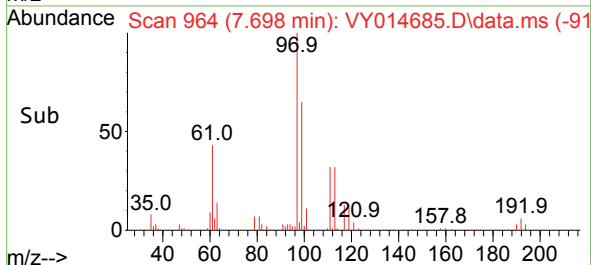
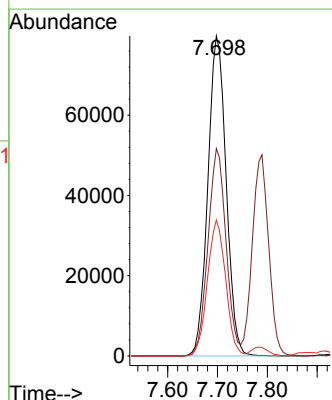
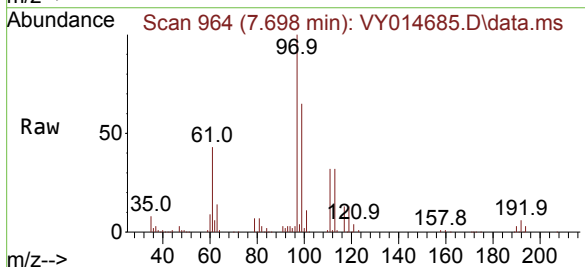
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

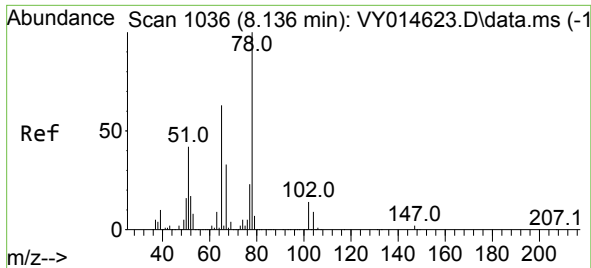
Tgt Ion: 56 Resp: 170615
Ion Ratio Lower Upper
56 100
69 36.7 27.8 41.6
84 94.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.207 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 97 Resp: 203279
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.4 35.1 52.7

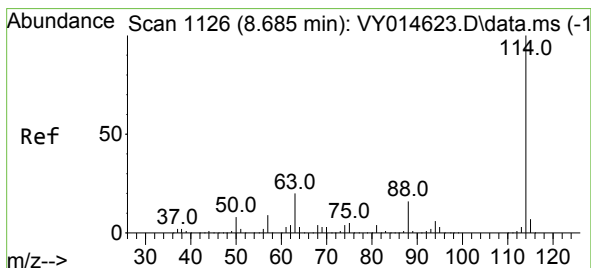
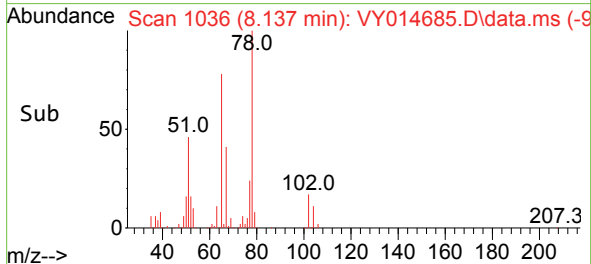
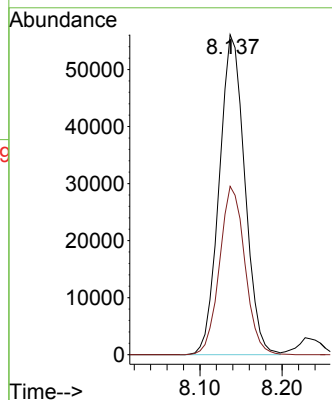
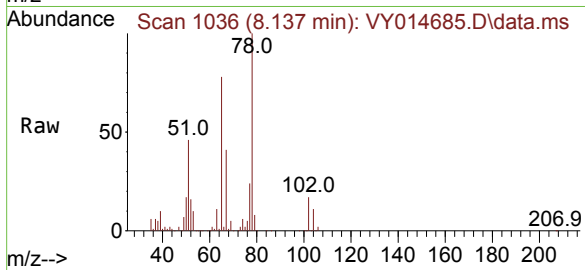




#33
 1,2-Dichloroethane-d4
 Concen: 52.601 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

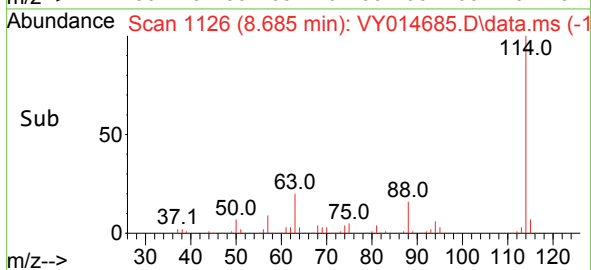
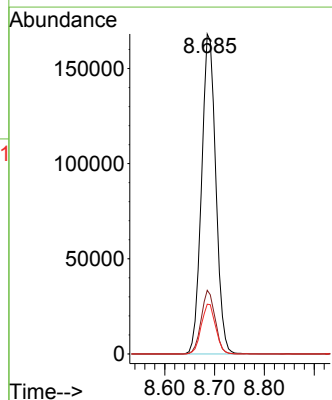
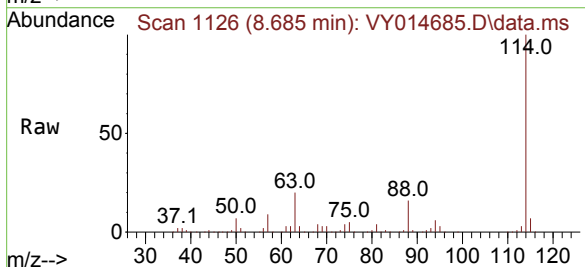
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

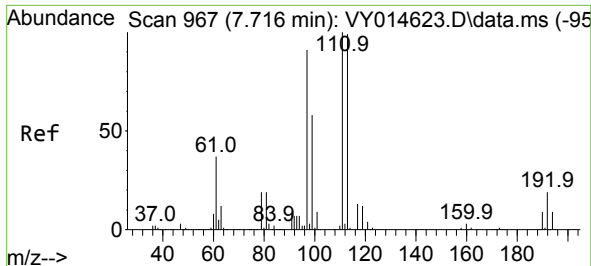
Tgt Ion: 65 Resp: 121311
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 114 Resp: 333321
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.5 0.0 30.6

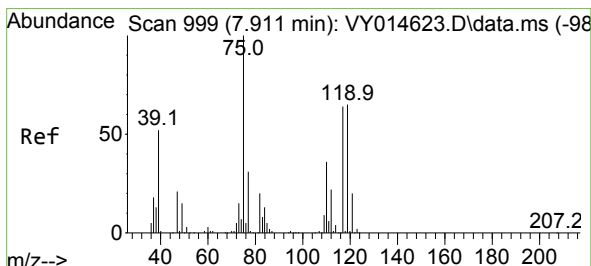
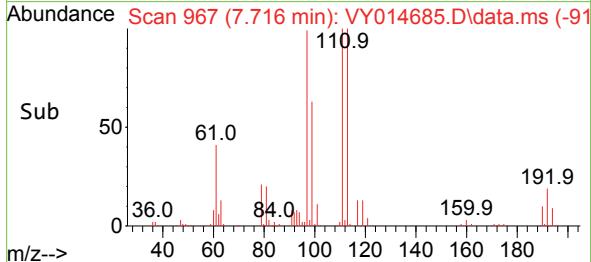
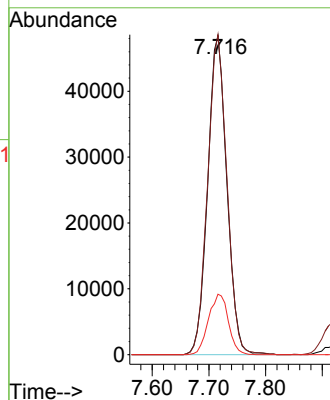
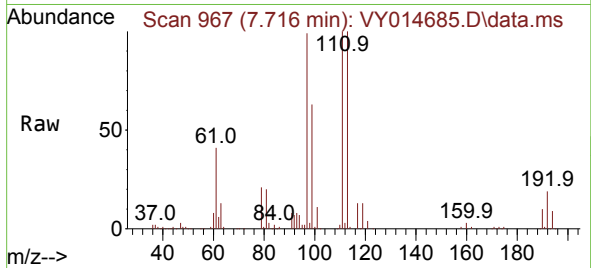




#35
Dibromofluoromethane
Concen: 53.572 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

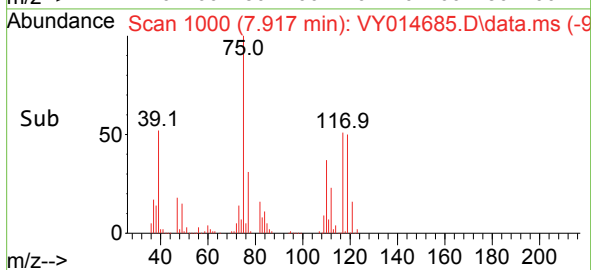
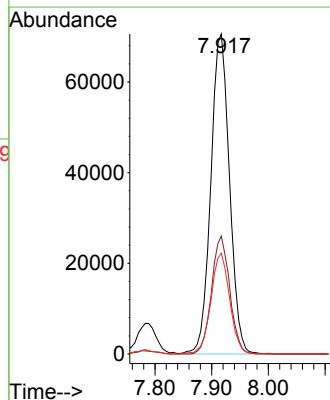
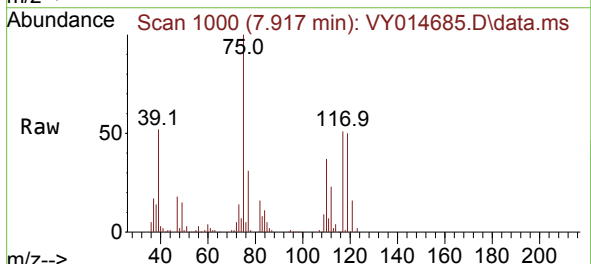
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

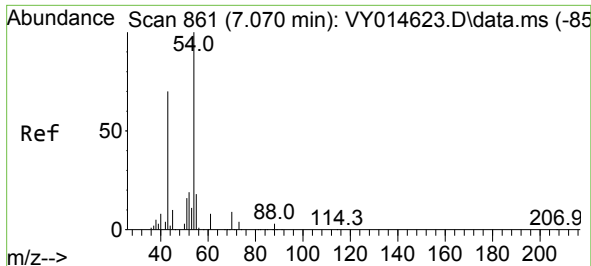
Tgt Ion:113 Resp: 113671
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.951 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 75 Resp: 161675
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 36.003 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

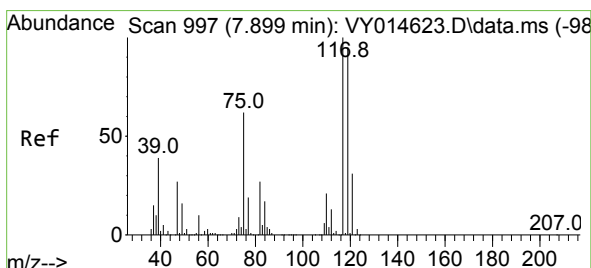
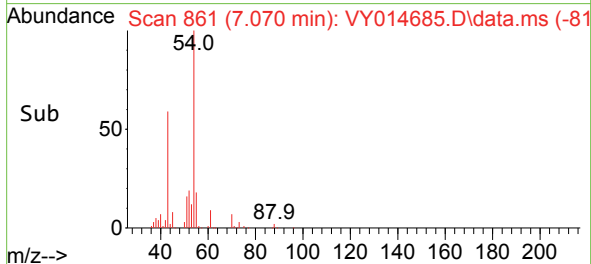
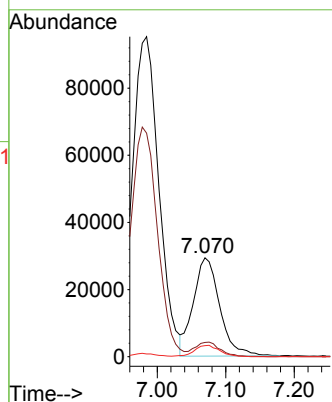
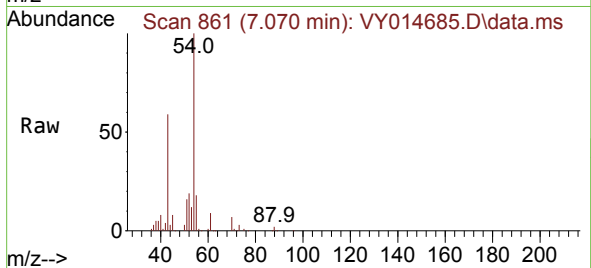
Tgt Ion: 43 Resp: 78655

Ion Ratio Lower Upper

43 100

61 14.6 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.641 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

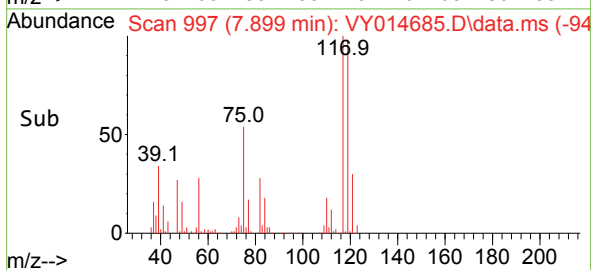
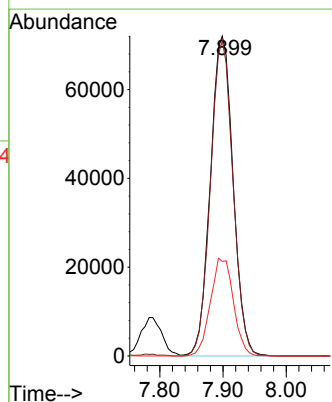
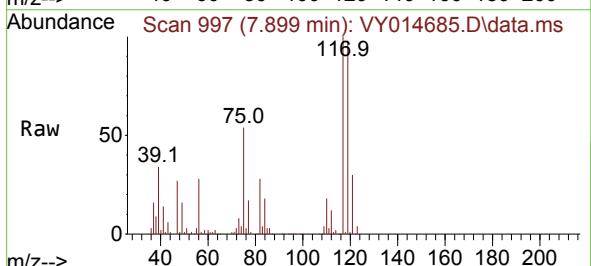
Tgt Ion: 117 Resp: 179928

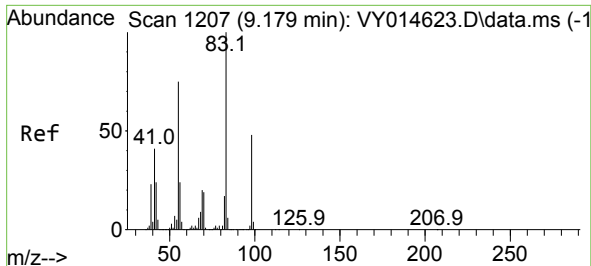
Ion Ratio Lower Upper

117 100

119 98.5 76.4 114.6

121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 44.347 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

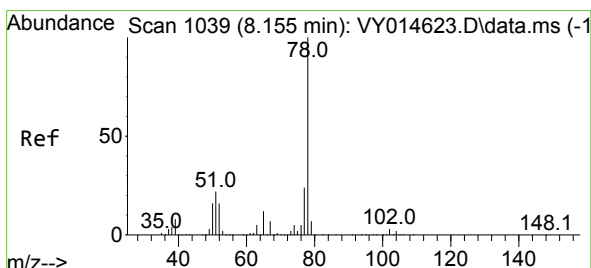
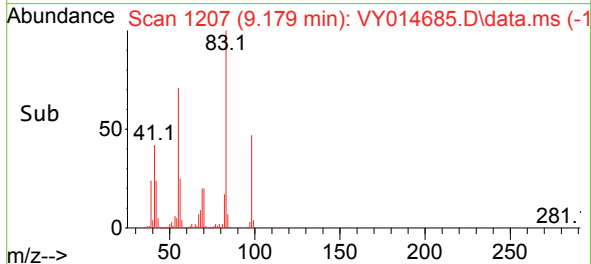
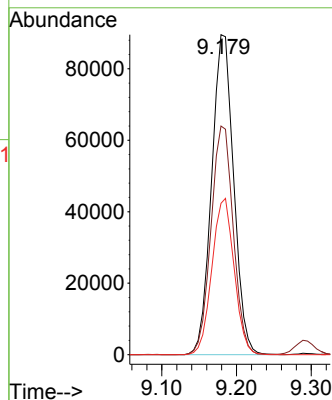
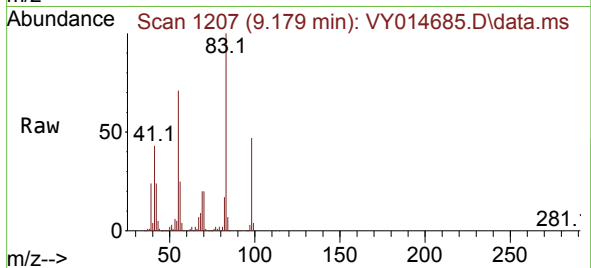
Tgt Ion: 83 Resp: 183331

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 47.3 37.4 56.2



#40

Benzene

Concen: 51.833 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014685.D

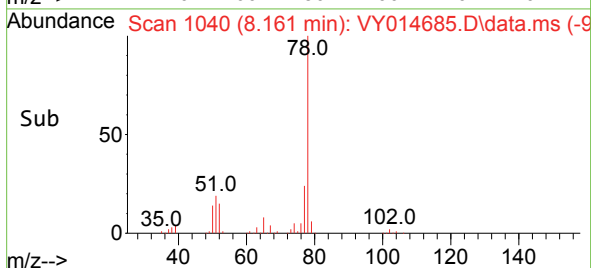
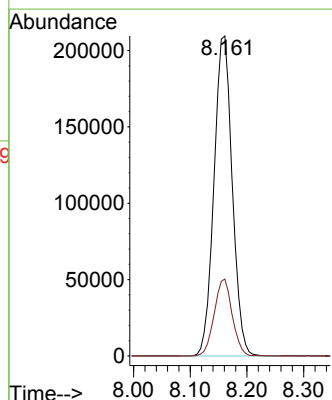
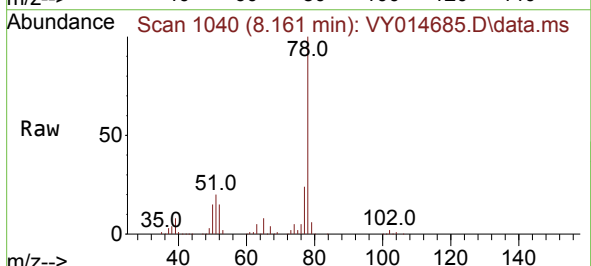
Acq: 17 Jul 2023 20:14

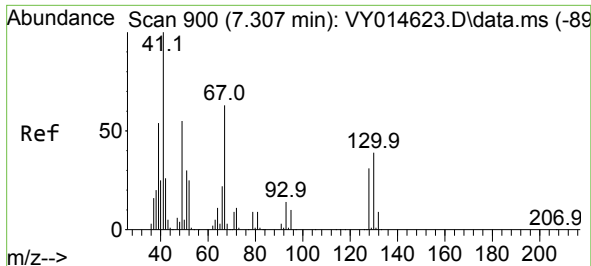
Tgt Ion: 78 Resp: 467775

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

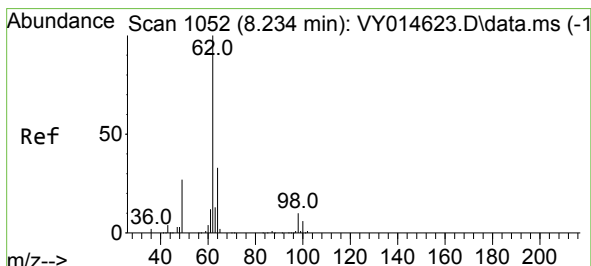
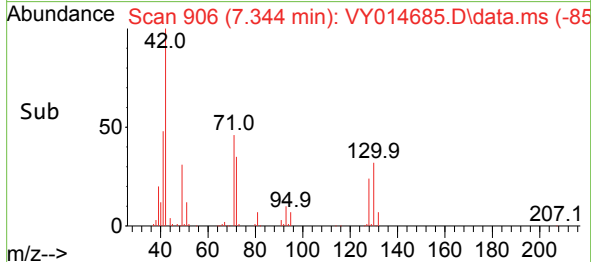
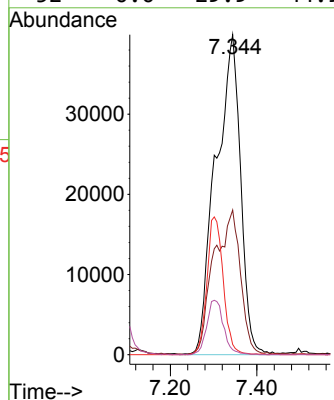
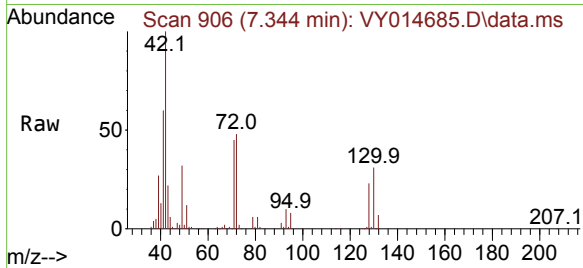




#41
Methacrylonitrile
Concen: 141.075 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

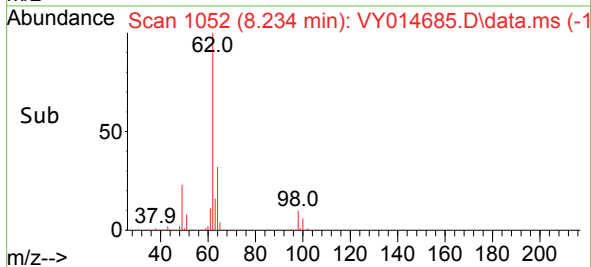
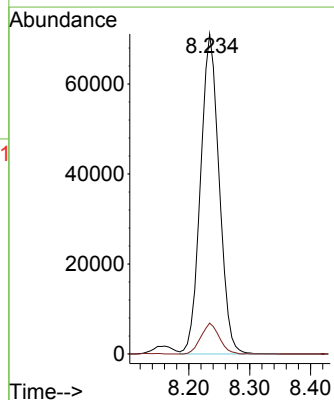
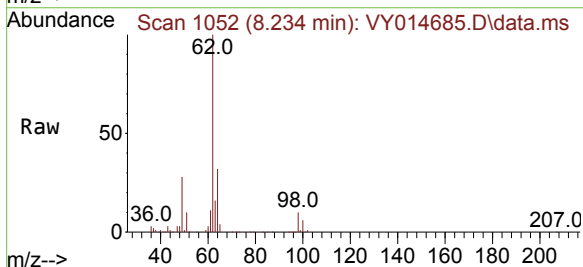
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

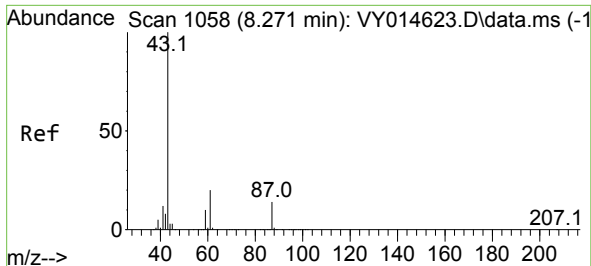
Tgt Ion: 41 Resp: 158529
Ion Ratio Lower Upper
41 100
39 24.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.919 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 62 Resp: 151233
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

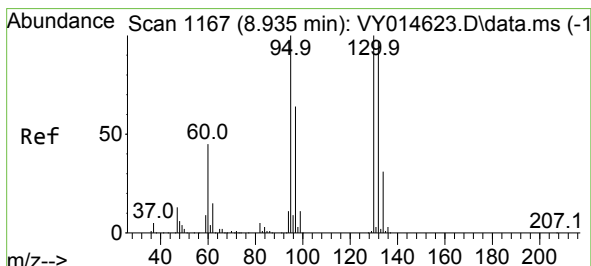
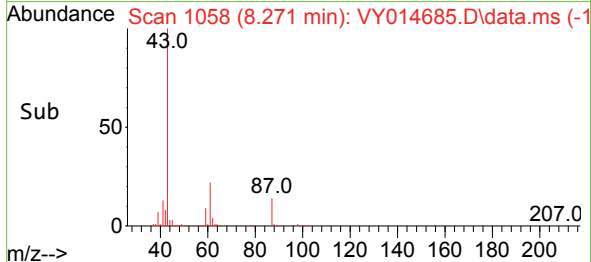
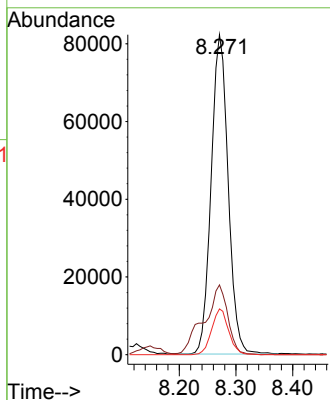
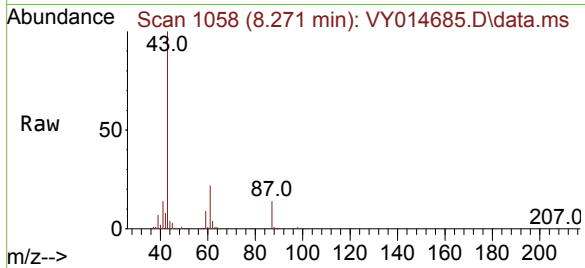




#43
Isopropyl Acetate
Concen: 41.147 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

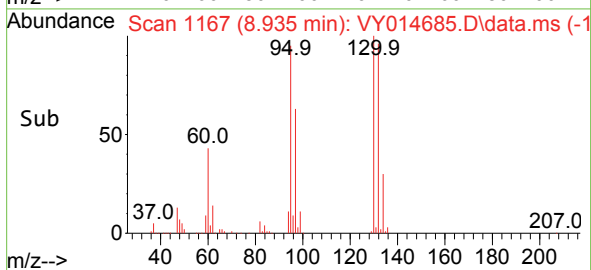
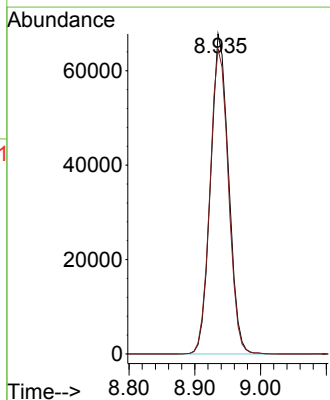
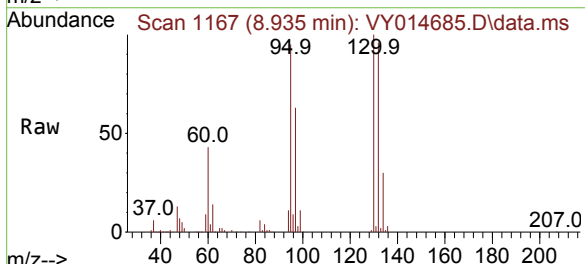
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

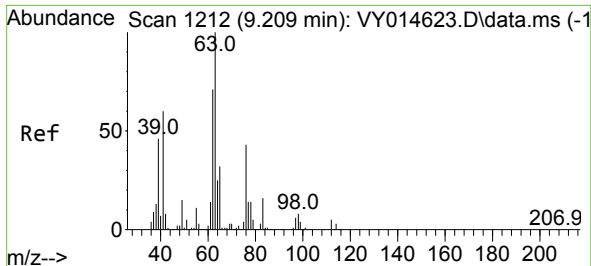
Tgt Ion: 43 Resp: 171238
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 51.295 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:130 Resp: 129519
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.353 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

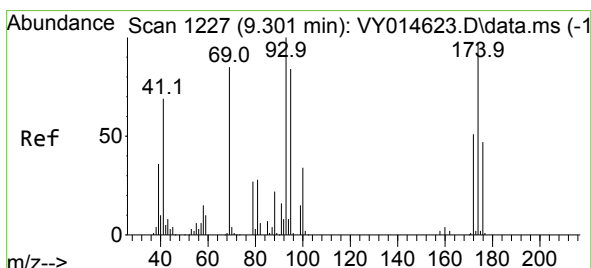
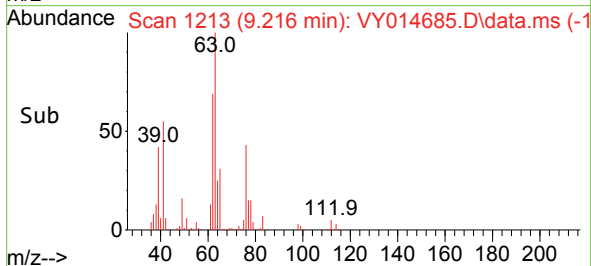
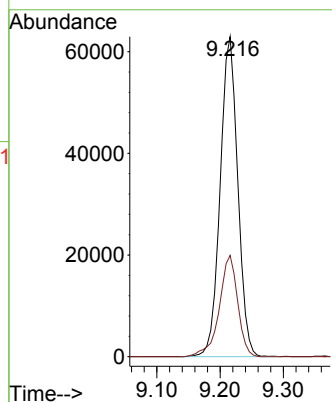
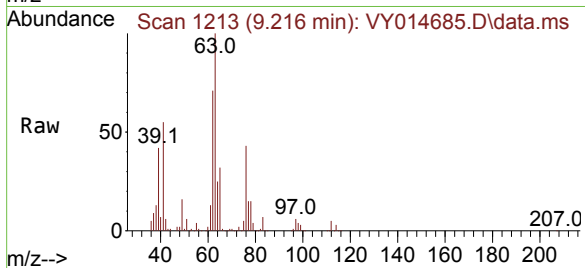
SB-02(2-4)MSD

Tgt Ion: 63 Resp: 121015

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 54.102 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

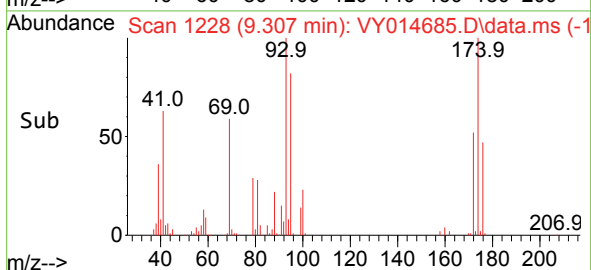
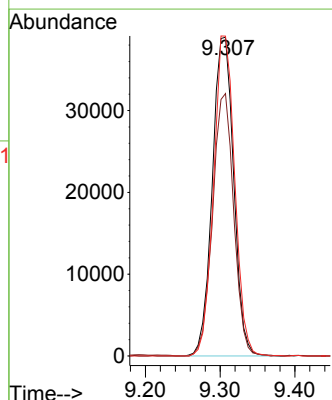
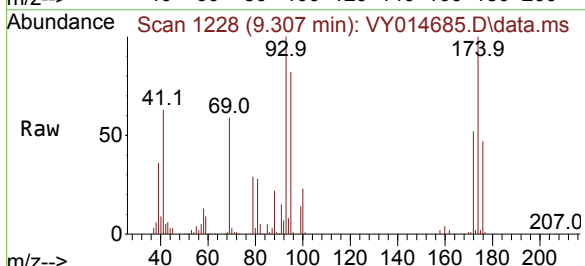
Tgt Ion: 93 Resp: 77343

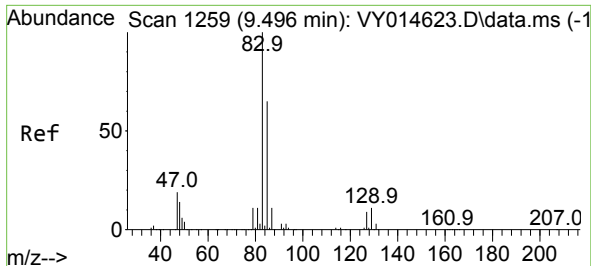
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 99.4 84.8 127.2

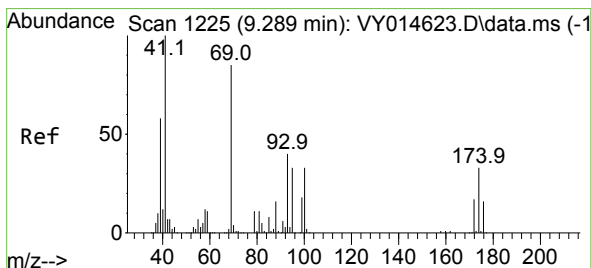
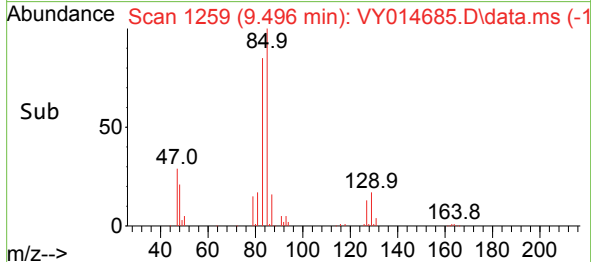
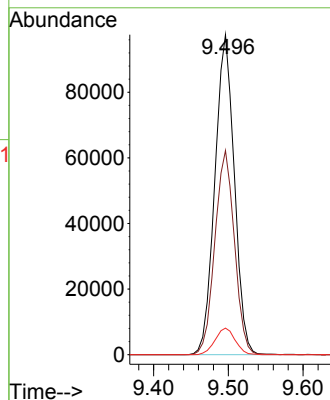
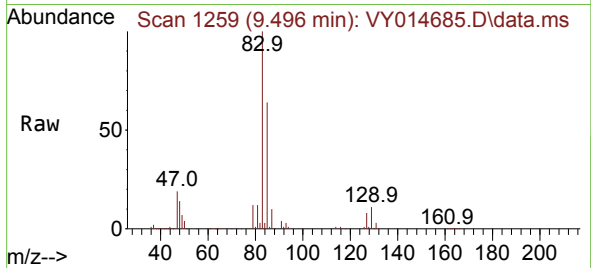




#47
Bromodichloromethane
Concen: 52.471 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

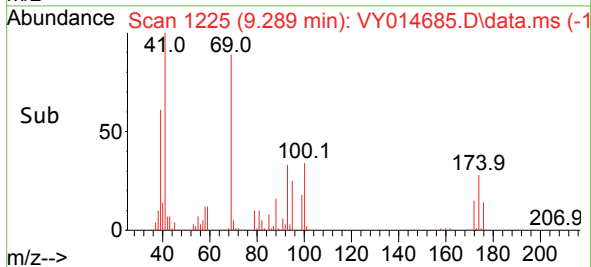
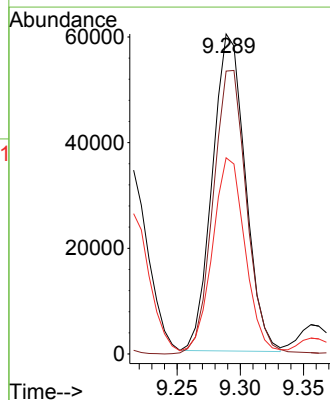
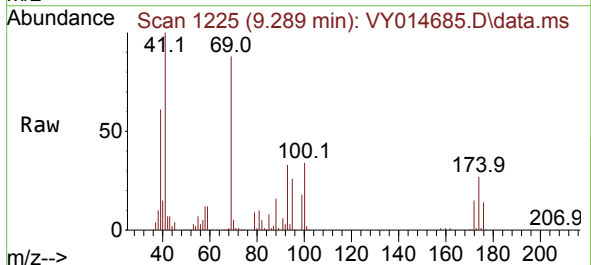
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

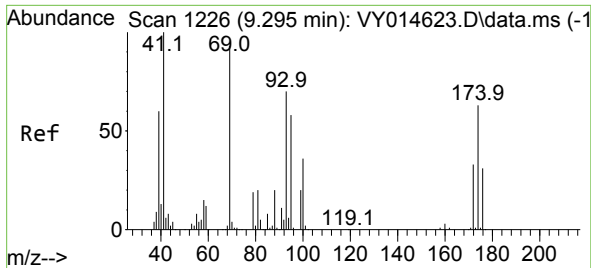
Tgt Ion: 83 Resp: 176796
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 58.037 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 41 Resp: 108681
Ion Ratio Lower Upper
41 100
69 91.3 64.5 96.7
39 61.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1162.728 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

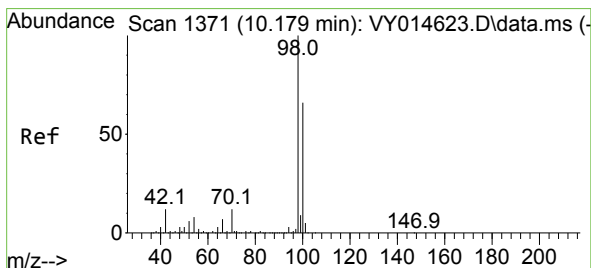
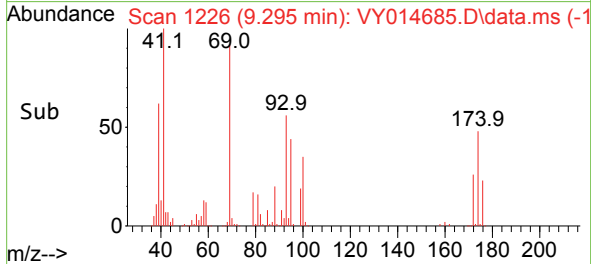
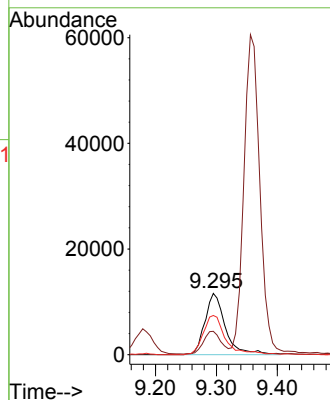
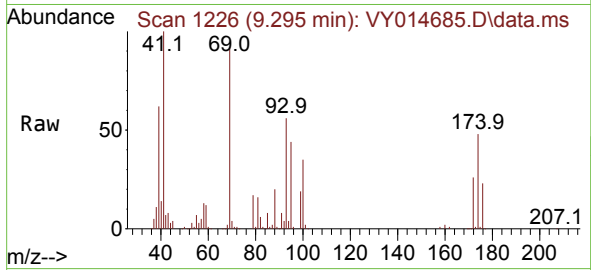
Tgt Ion: 88 Resp: 27104

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 69.2 30.9 46.3#



#50

Toluene-d8

Concen: 50.341 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014685.D

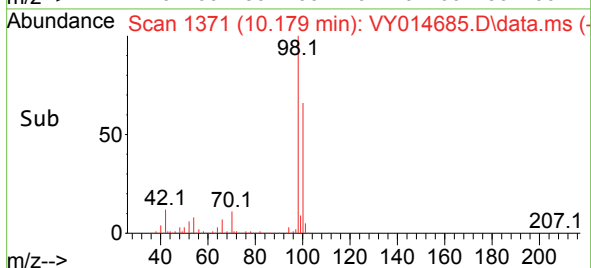
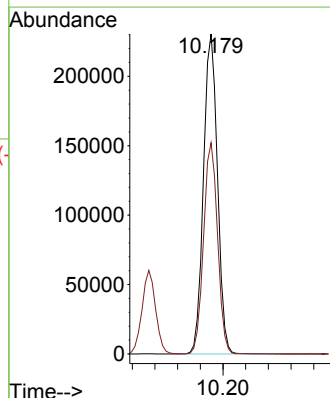
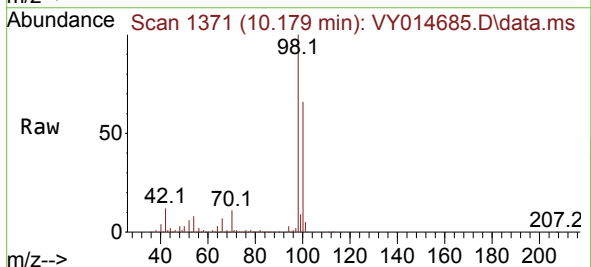
Acq: 17 Jul 2023 20:14

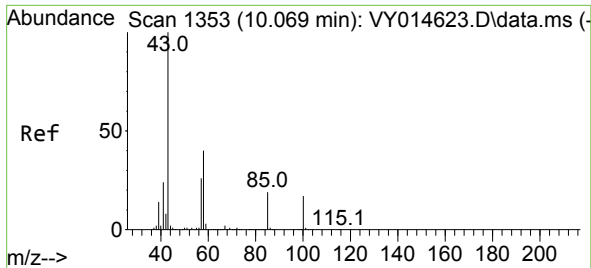
Tgt Ion: 98 Resp: 393810

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 270.758 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

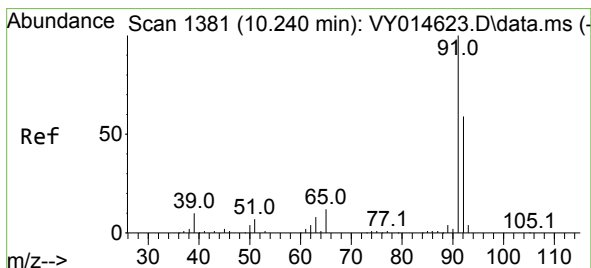
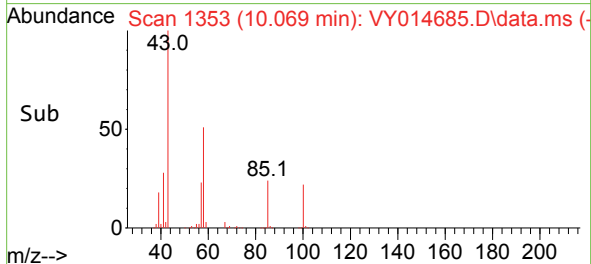
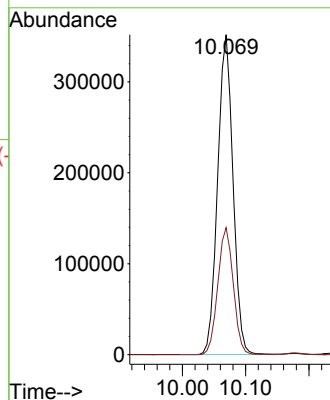
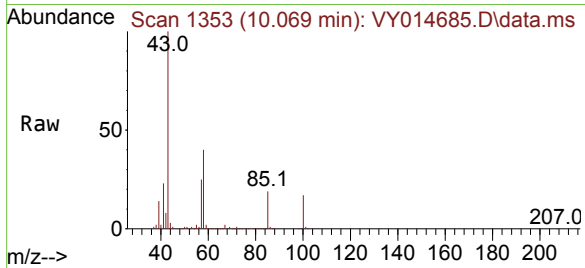
SB-02(2-4)MSD

Tgt Ion: 43 Resp: 591623

Ion Ratio Lower Upper

43 100

58 40.1 29.0 43.6



#52

Toluene

Concen: 50.614 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY014685.D

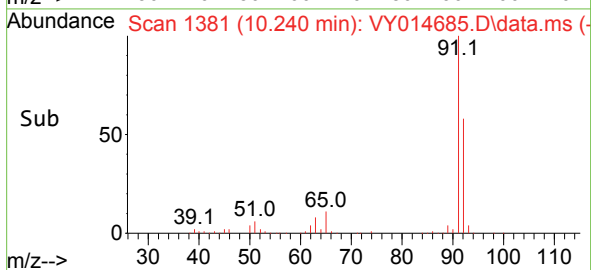
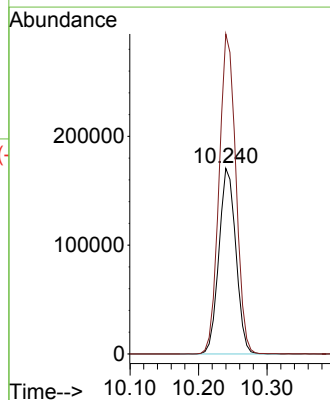
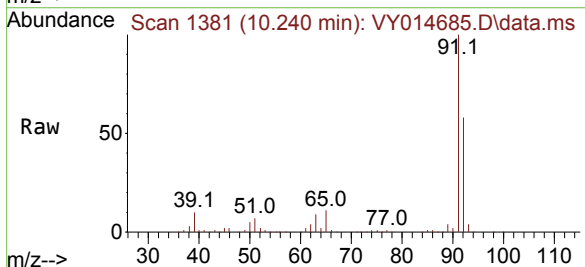
Acq: 17 Jul 2023 20:14

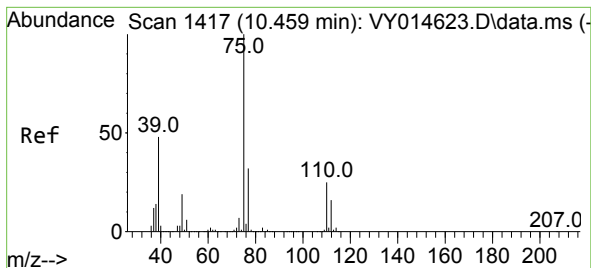
Tgt Ion: 92 Resp: 292286

Ion Ratio Lower Upper

92 100

91 171.0 143.8 215.6

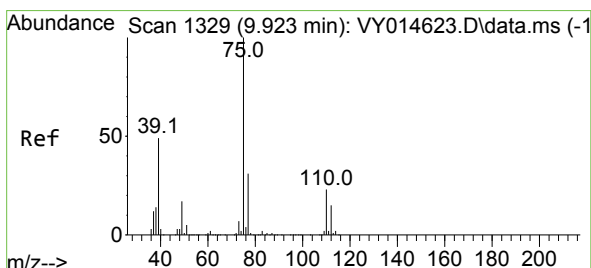
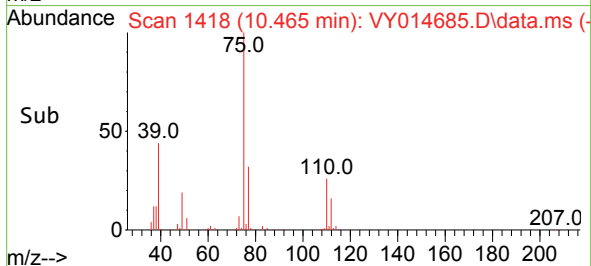
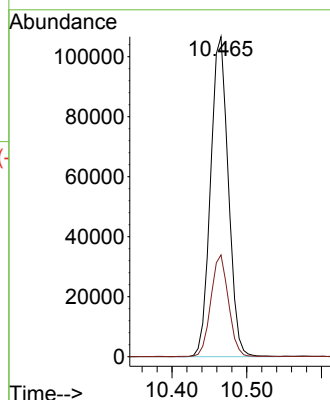
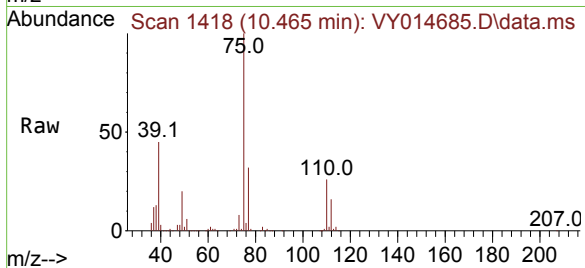




#53
 t-1,3-Dichloropropene
 Concen: 47.791 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

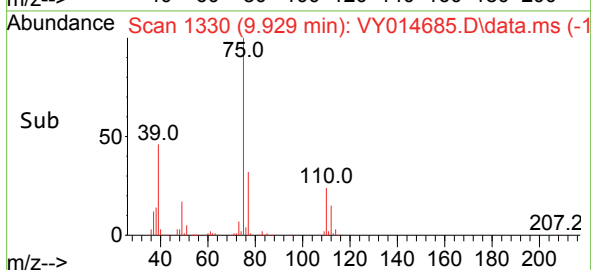
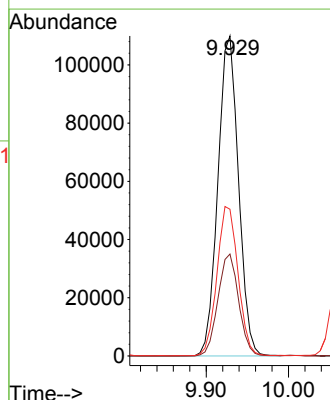
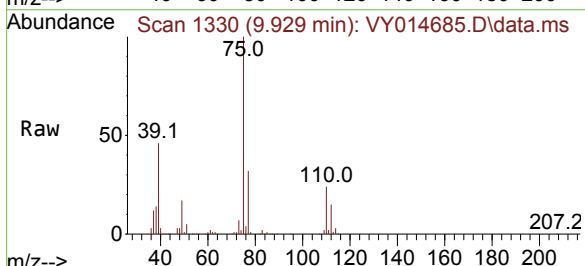
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

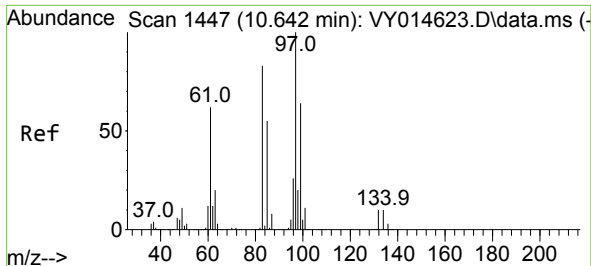
Tgt Ion: 75 Resp: 176136
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.739 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 75 Resp: 191333
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 45.7 42.2 63.4

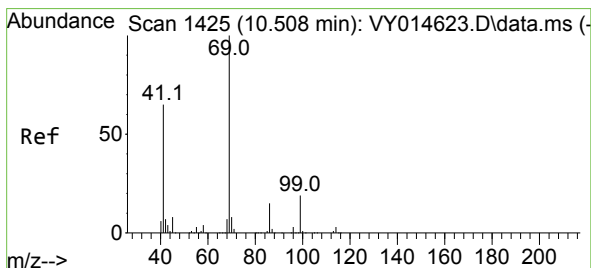
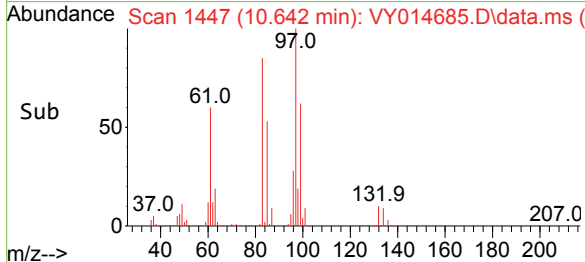
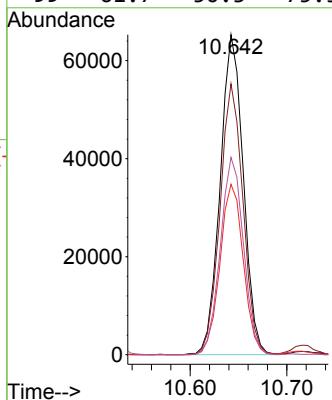
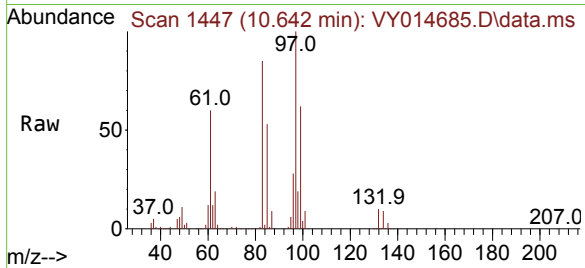




#55
1,1,2-Trichloroethane
Concen: 54.412 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

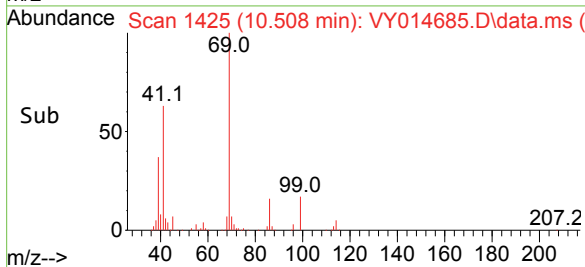
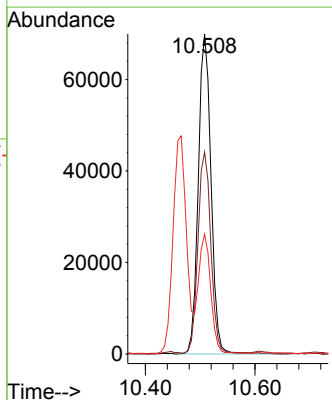
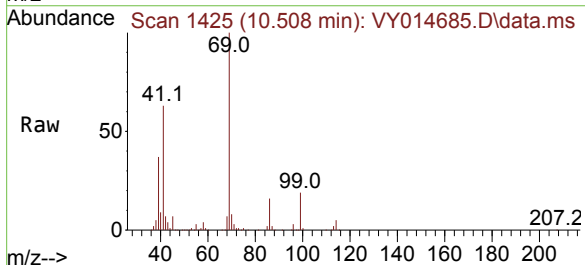
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

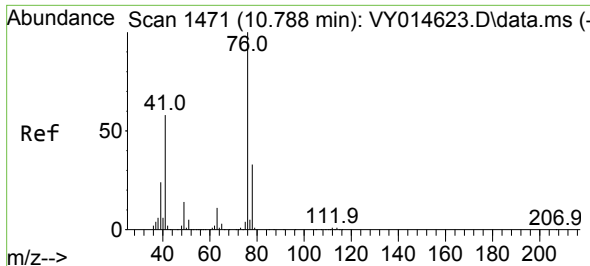
Tgt Ion:	97	Resp:	108355
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.0	108.0
85	53.3	45.4	68.0
99	61.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 37.094 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:	69	Resp:	112785
Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.6	86.4
39	34.6	34.1	51.1

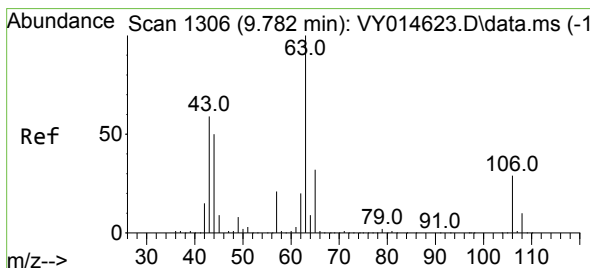
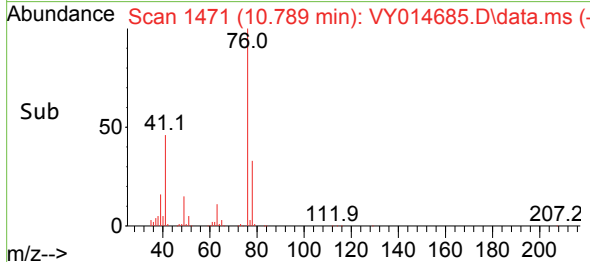
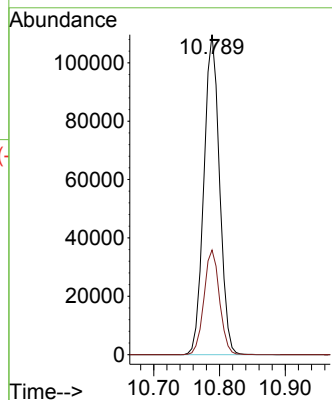
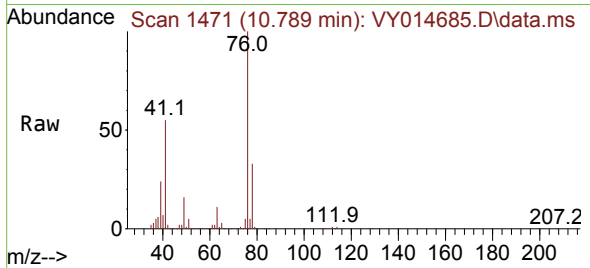




#57
1,3-Dichloropropane
Concen: 52.735 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

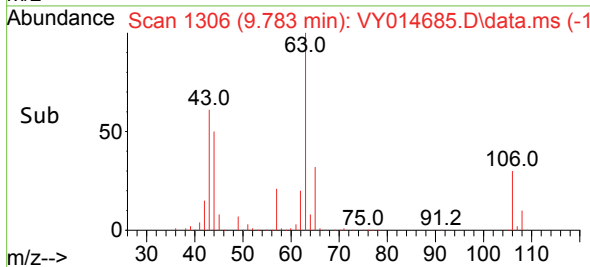
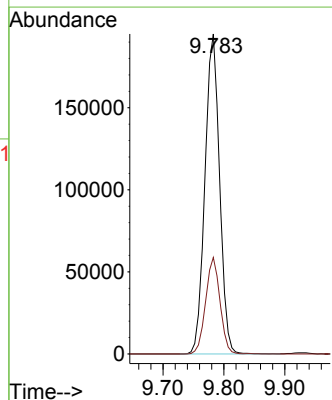
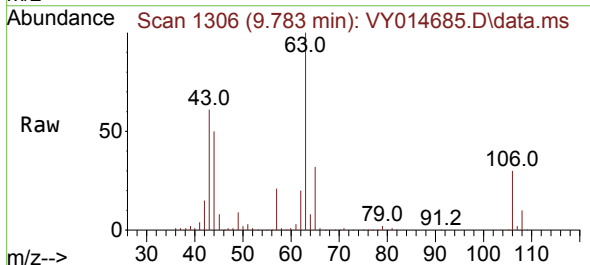
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

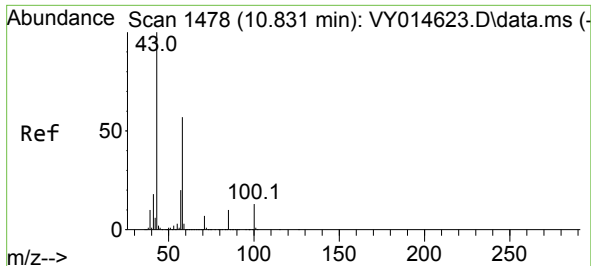
Tgt Ion: 76 Resp: 181130
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 229.730 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 63 Resp: 325457
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8

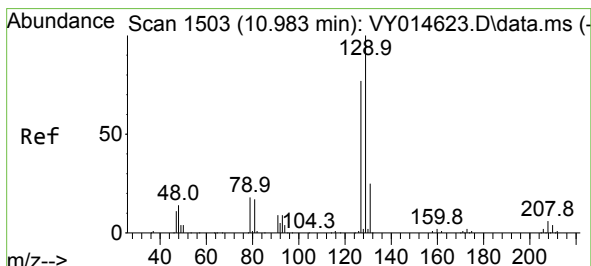
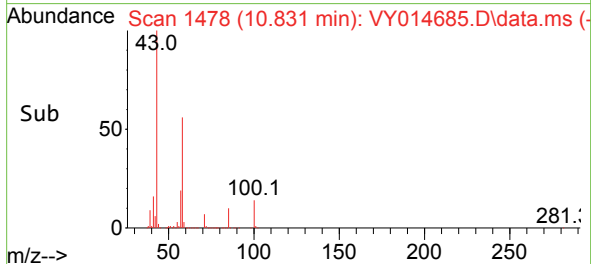
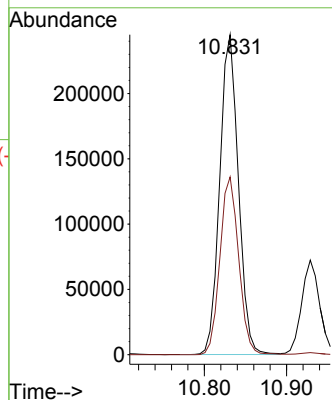
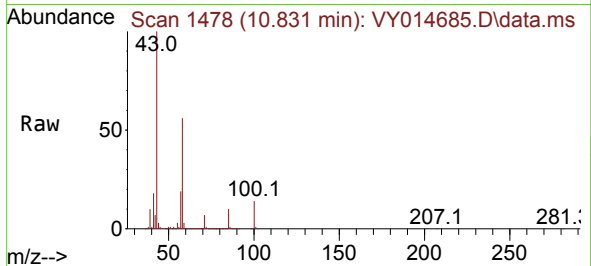




#59
2-Hexanone
Concen: 242.285 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

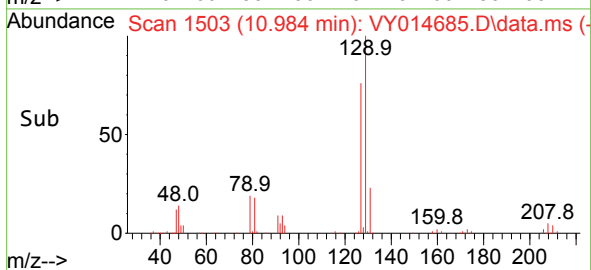
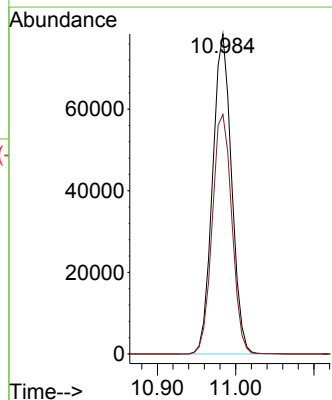
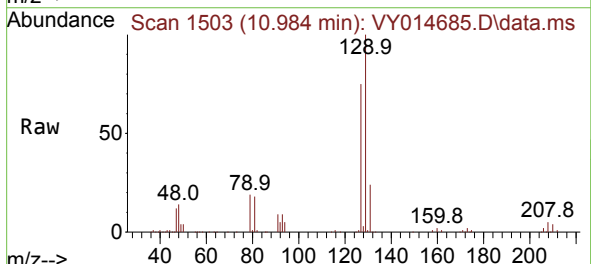
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

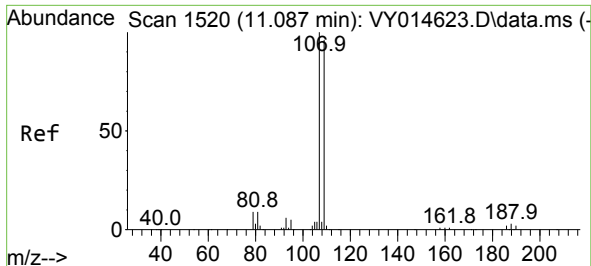
Tgt Ion: 43 Resp: 386073
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 53.992 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 129 Resp: 131825
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

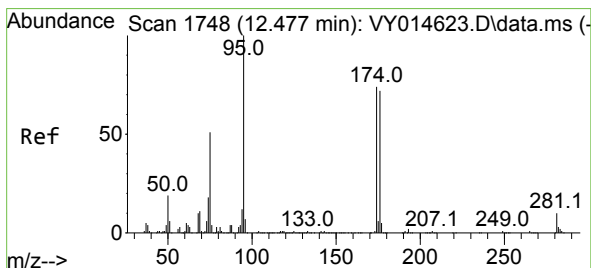
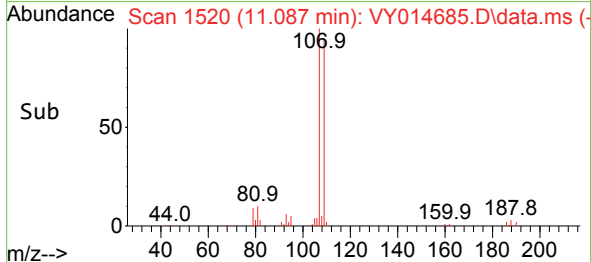
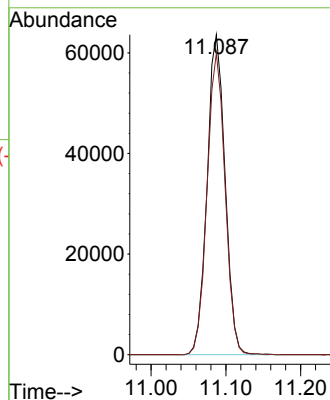
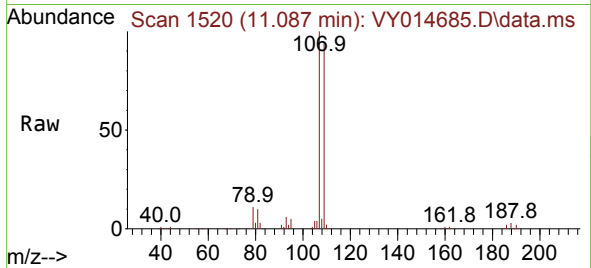




#61
1,2-Dibromoethane
Concen: 53.592 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

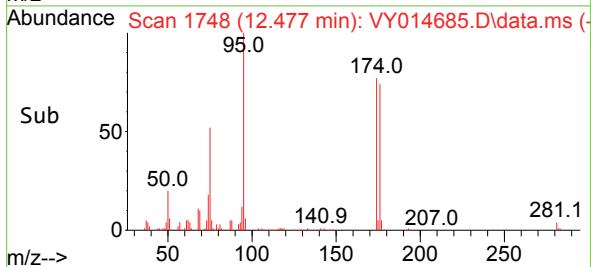
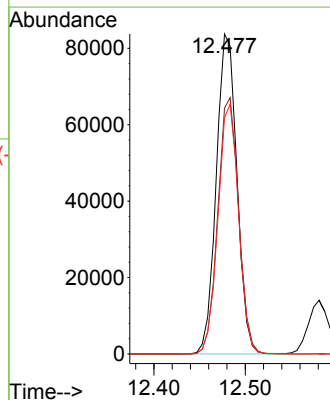
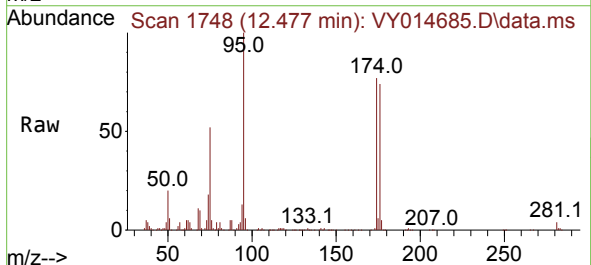
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

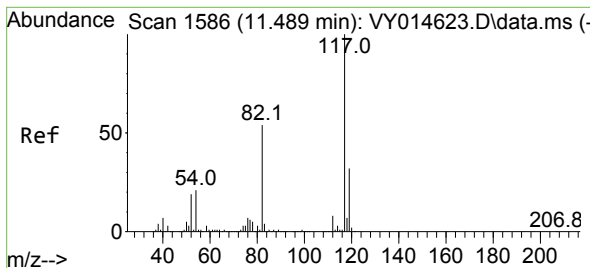
Tgt Ion:107 Resp: 106464
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 95 Resp: 131528
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 77.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

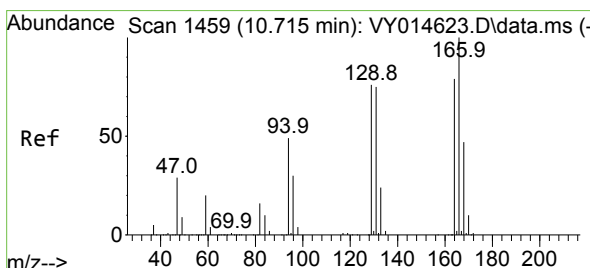
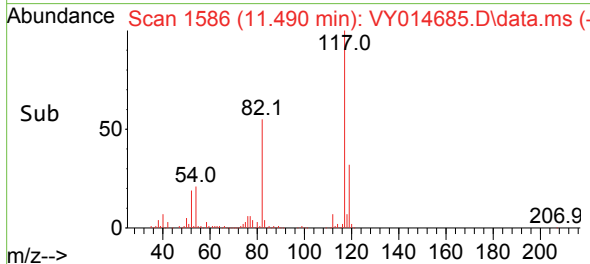
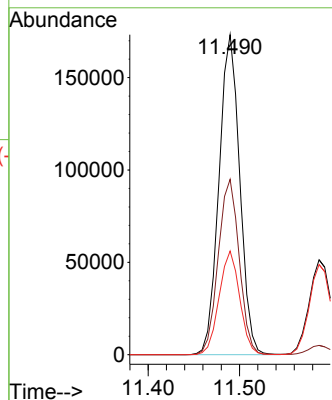
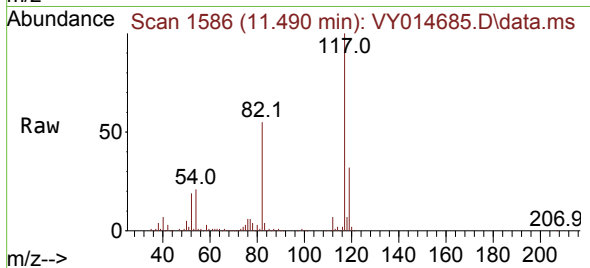
Tgt Ion:117 Resp: 273650

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 57.858 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Tgt Ion:164 Resp: 127338

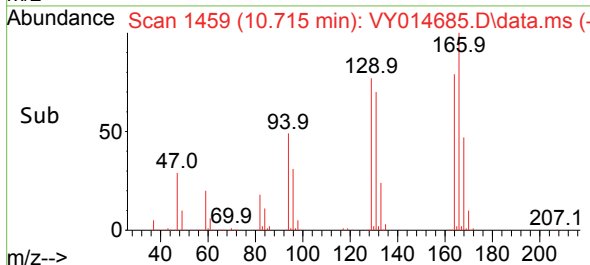
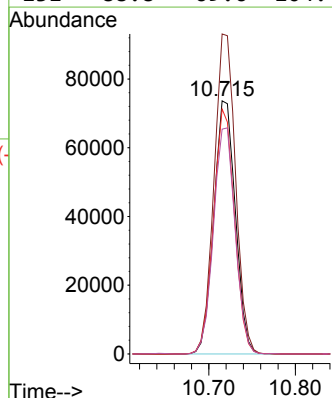
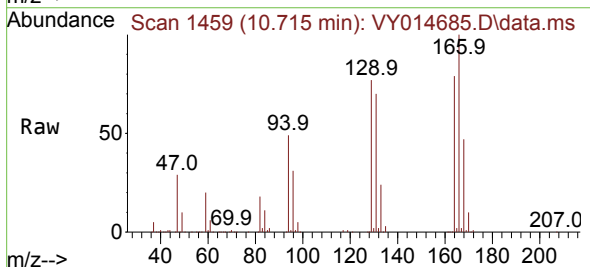
Ion Ratio Lower Upper

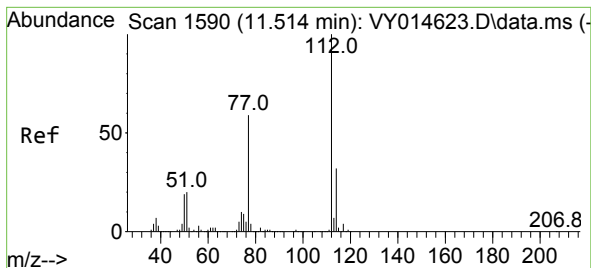
164 100

166 126.4 103.0 154.6

129 96.8 77.2 115.8

131 88.8 69.6 104.4





#65

Chlorobenzene

Concen: 51.337 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

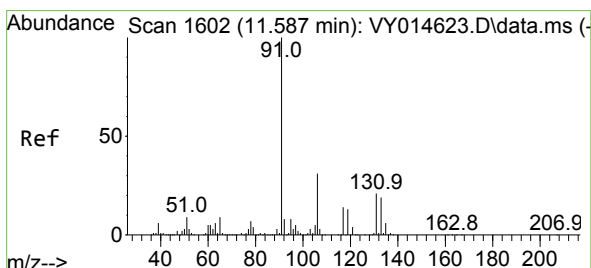
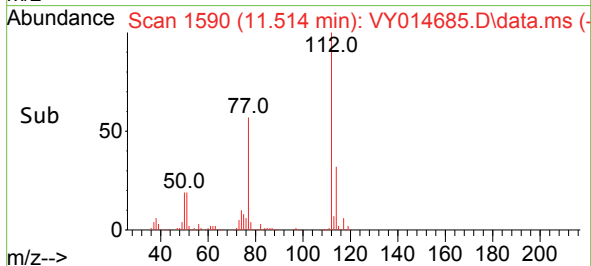
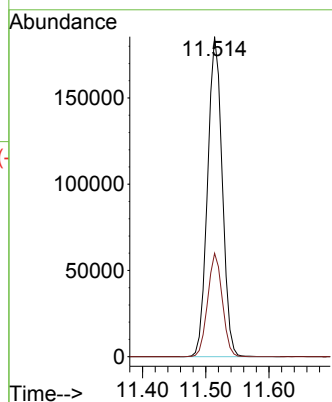
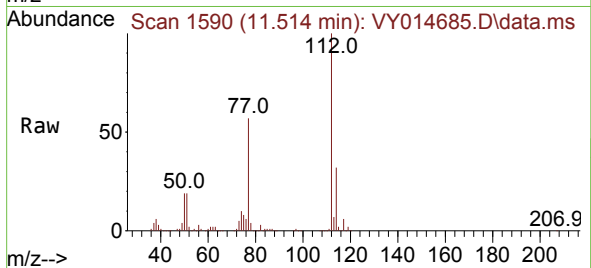
SB-02(2-4)MSD

Tgt Ion:112 Resp: 299368

Ion Ratio Lower Upper

112 100

114 32.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 57.390 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

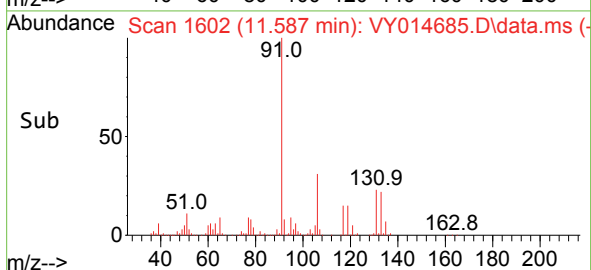
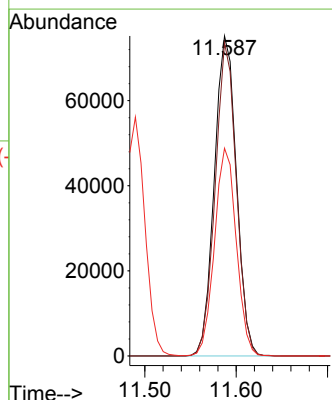
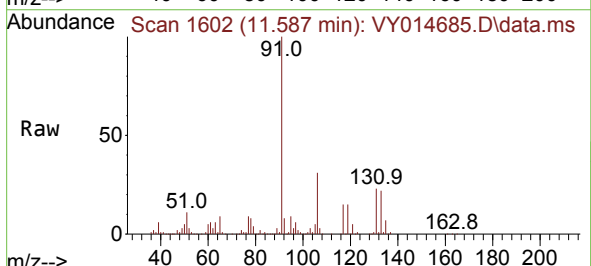
Tgt Ion:131 Resp: 126182

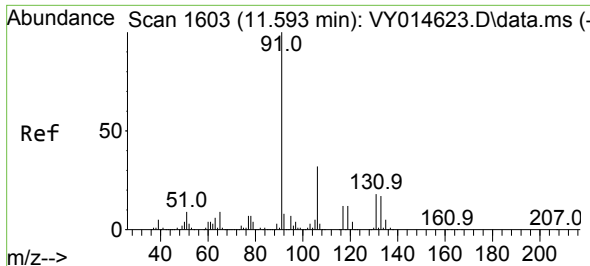
Ion Ratio Lower Upper

131 100

133 94.0 47.5 142.6

119 64.2 31.6 94.7

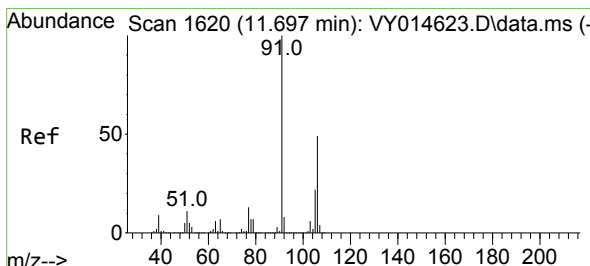
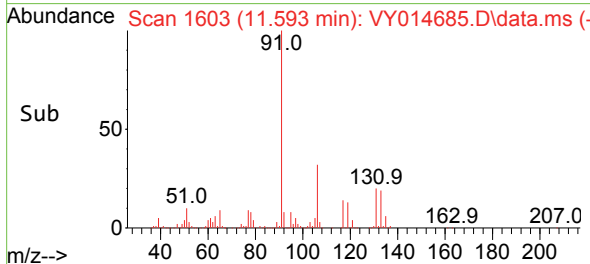
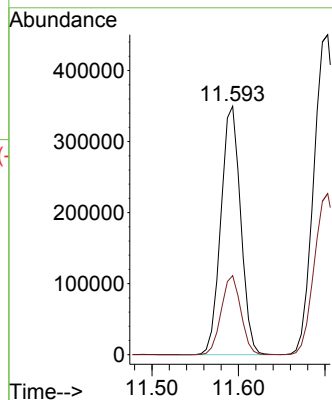
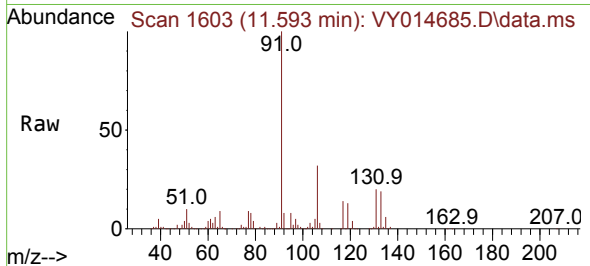




#67
Ethyl Benzene
Concen: 52.665 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

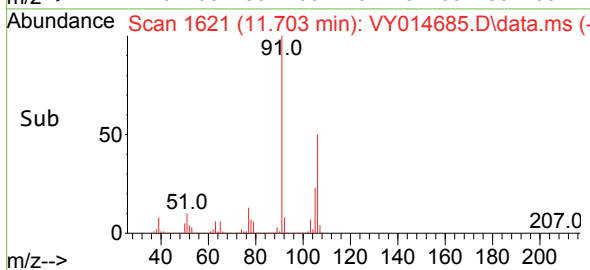
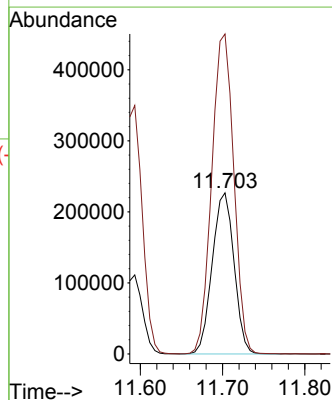
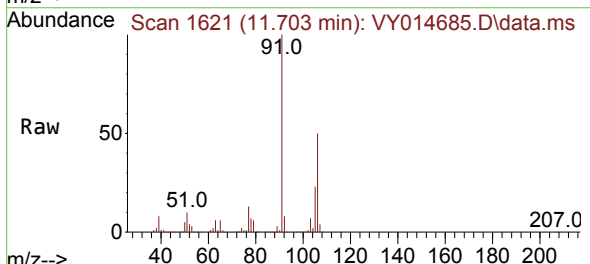
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

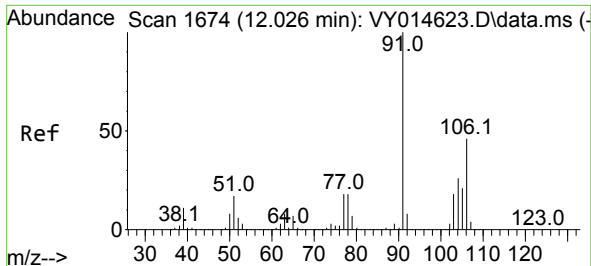
Tgt Ion: 91 Resp: 554490
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 103.925 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:106 Resp: 417681
Ion Ratio Lower Upper
106 100
91 201.2 166.1 249.1

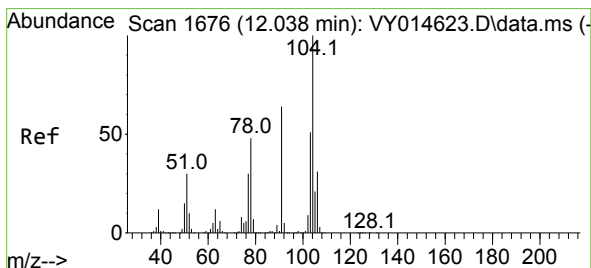
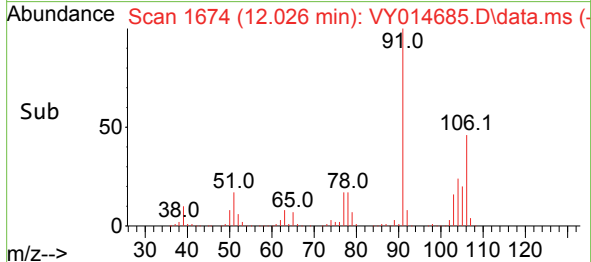
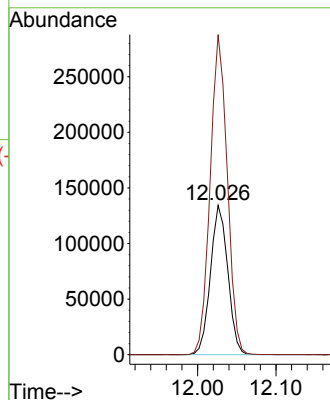
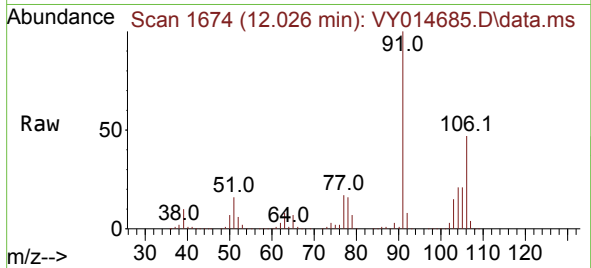




#69
o-Xylene
Concen: 52.690 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

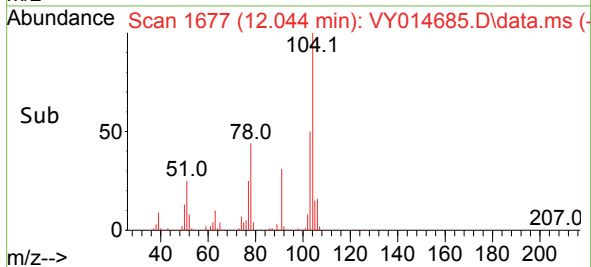
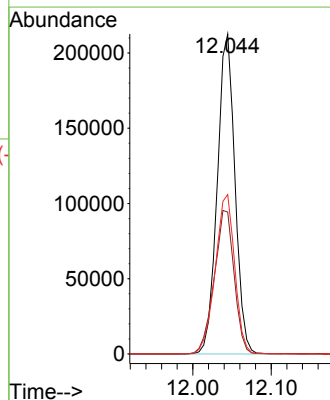
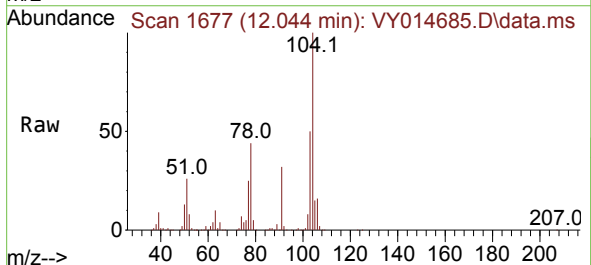
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

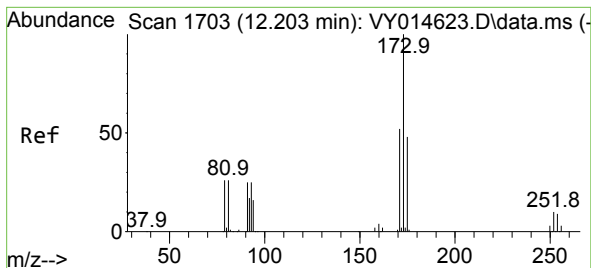
Tgt Ion:106 Resp: 206260
Ion Ratio Lower Upper
106 100
91 211.6 108.1 324.3



#70
Styrene
Concen: 50.623 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:104 Resp: 333997
Ion Ratio Lower Upper
104 100
78 50.6 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 56.338 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

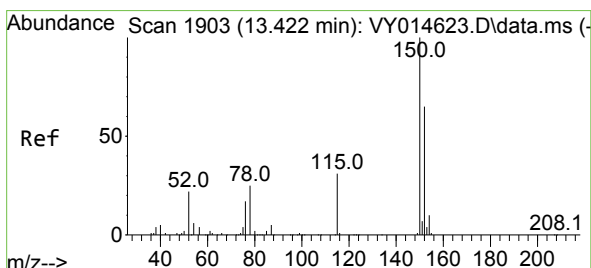
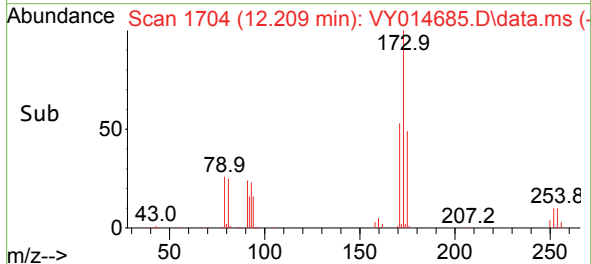
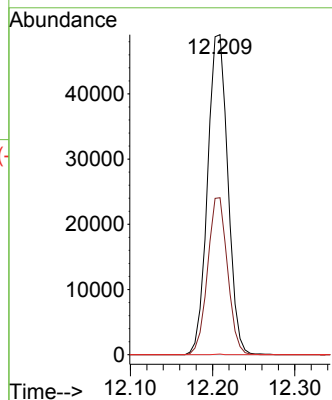
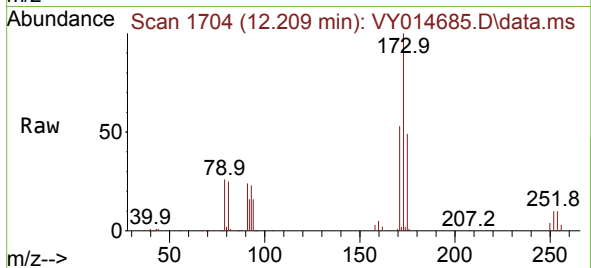
Tgt Ion:173 Resp: 83962

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 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: VY014685.D

Acq: 17 Jul 2023 20:14

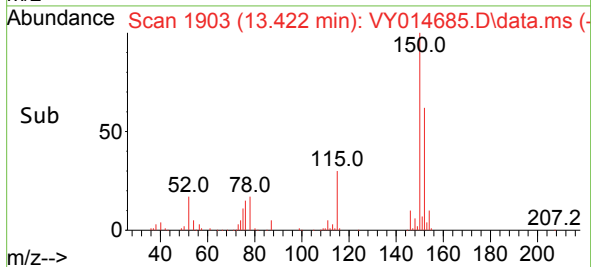
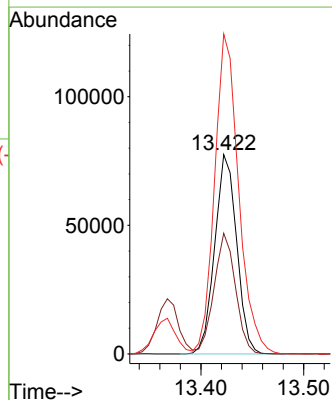
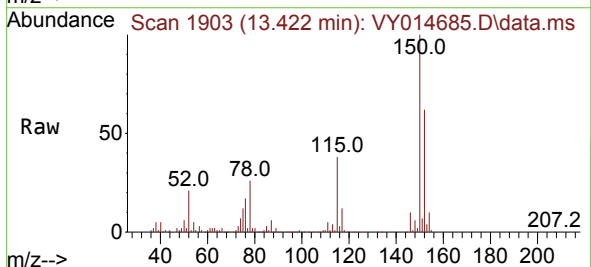
Tgt Ion:152 Resp: 114737

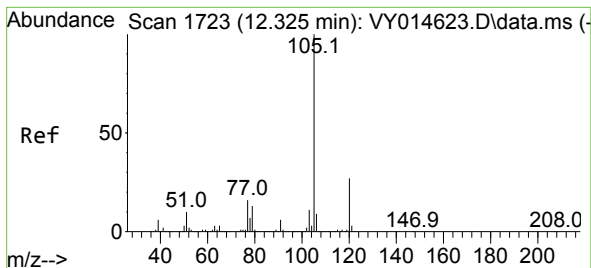
Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 175.7 0.0 348.8





#73

Isopropylbenzene

Concen: 58.815 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

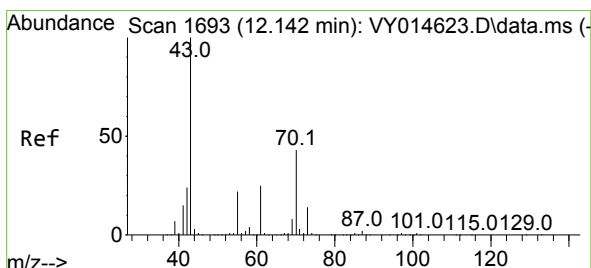
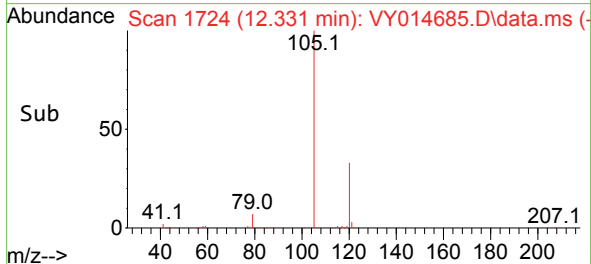
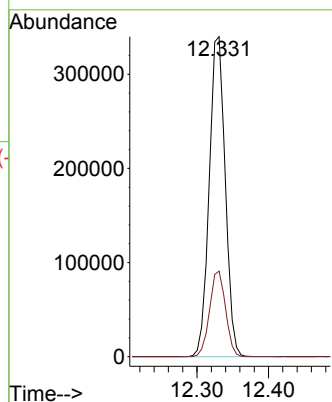
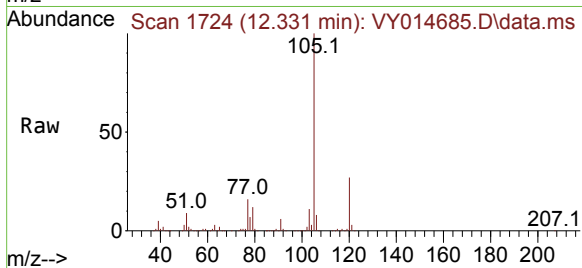
SB-02(2-4)MSD

Tgt Ion:105 Resp: 528391

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 29.586 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Tgt Ion: 43 Resp: 89020

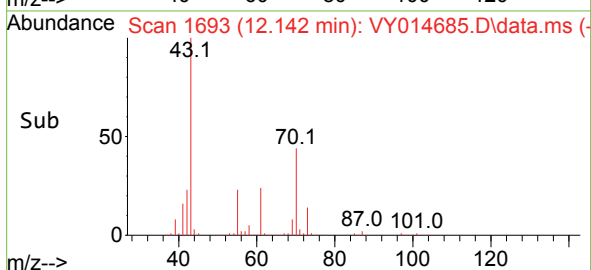
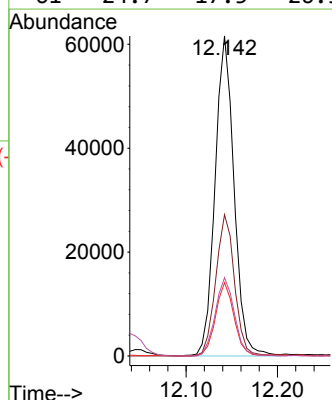
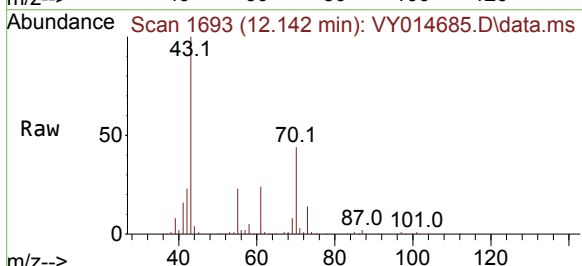
Ion Ratio Lower Upper

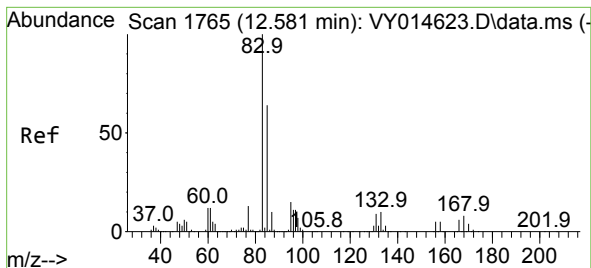
43 100

70 43.6 29.7 44.5

55 22.5 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 64.694 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

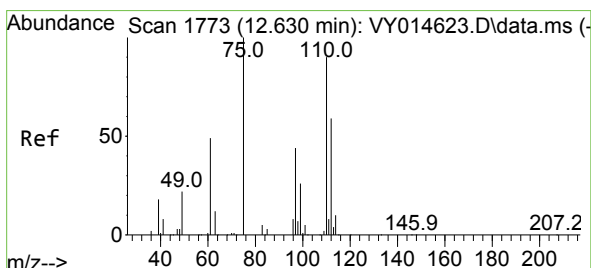
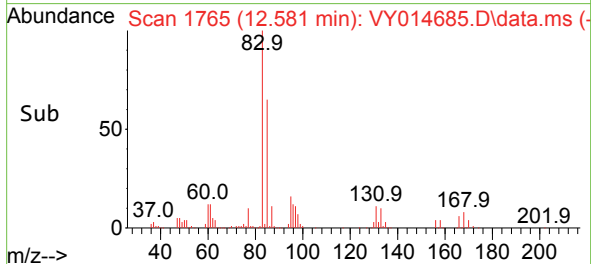
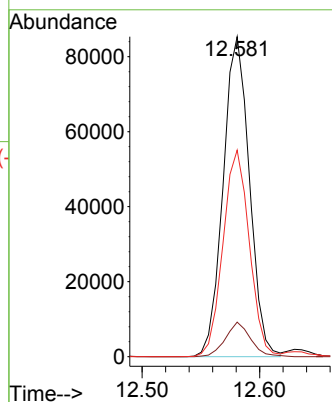
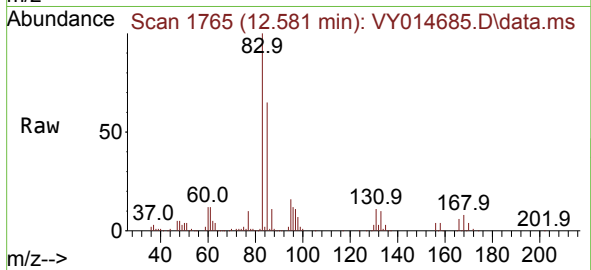
Tgt Ion: 83 Resp: 132541

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 115.580 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014685.D

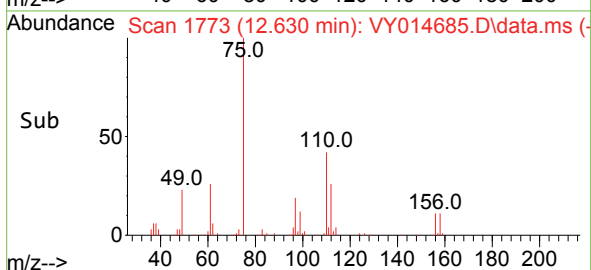
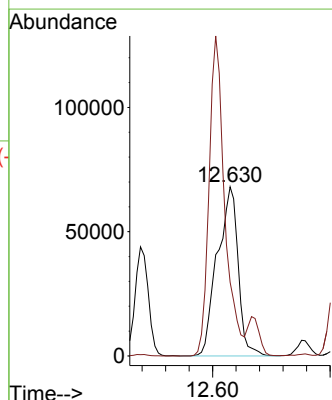
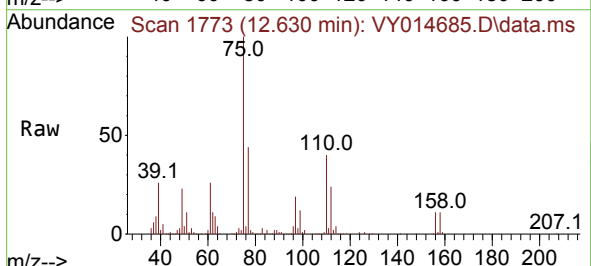
Acq: 17 Jul 2023 20:14

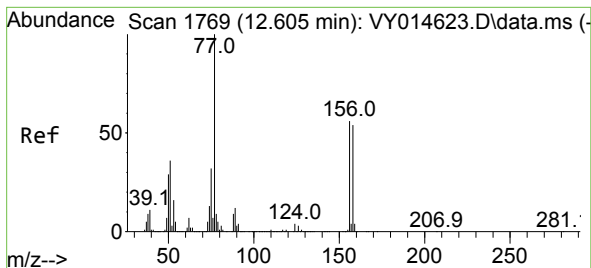
Tgt Ion: 75 Resp: 167487

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.198 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

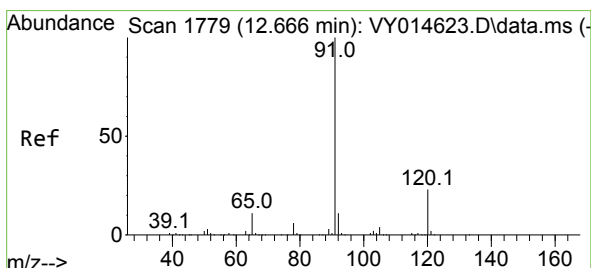
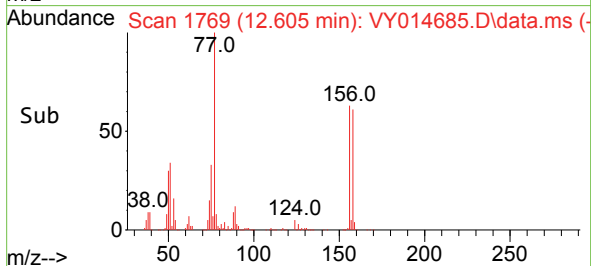
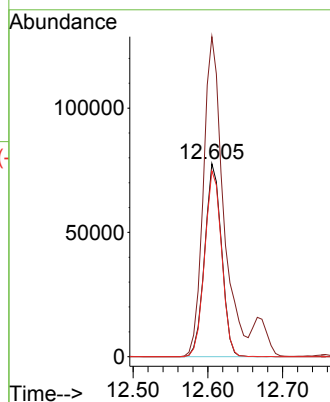
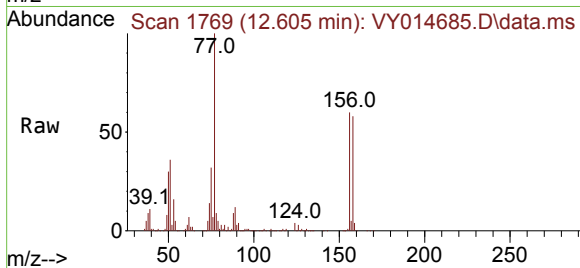
Tgt Ion:156 Resp: 121400

Ion Ratio Lower Upper

156 100

77 196.7 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 54.649 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014685.D

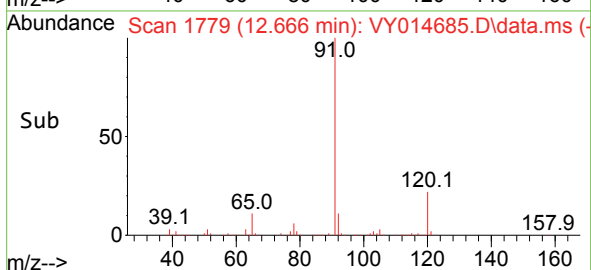
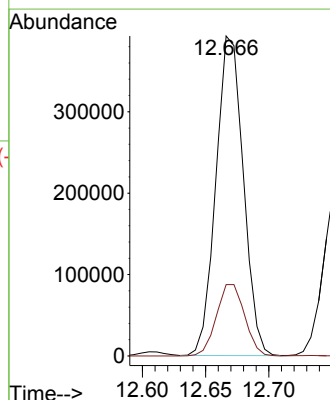
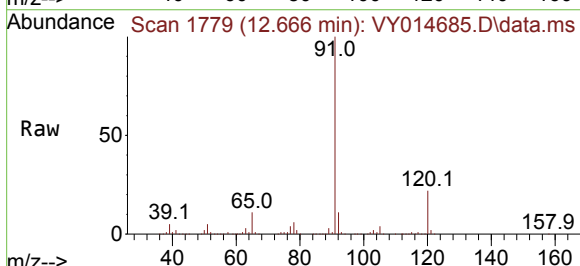
Acq: 17 Jul 2023 20:14

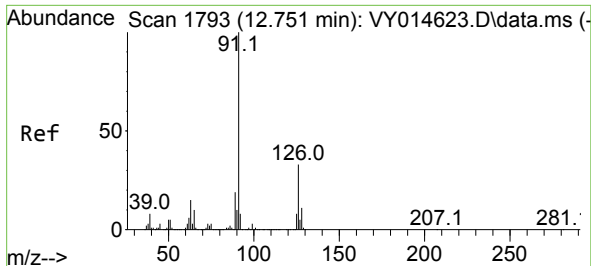
Tgt Ion: 91 Resp: 591619

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.299 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.007 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

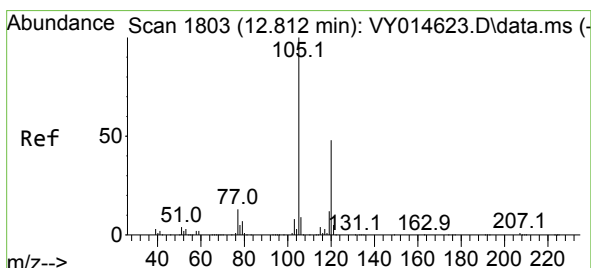
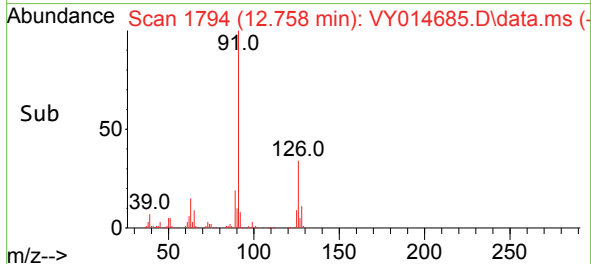
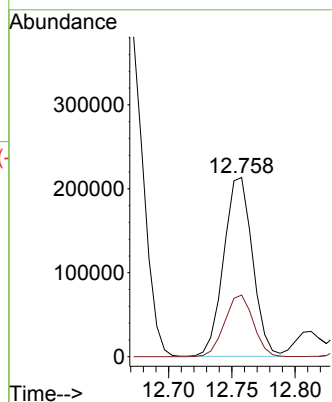
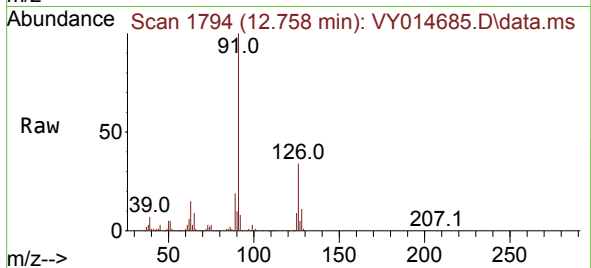
SB-02(2-4)MSD

Tgt Ion: 91 Resp: 338577

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 55.062 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014685.D

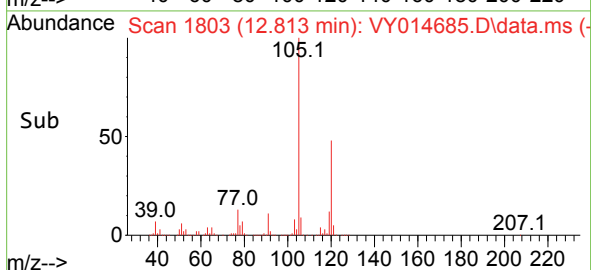
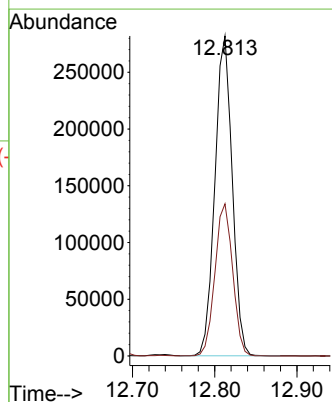
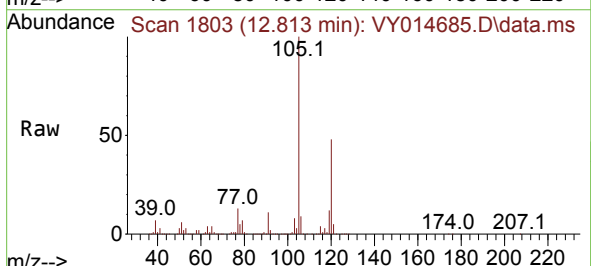
Acq: 17 Jul 2023 20:14

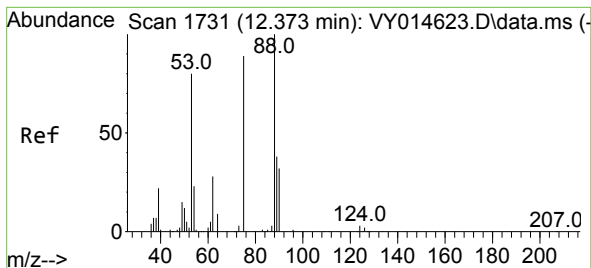
Tgt Ion:105 Resp: 413127

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7

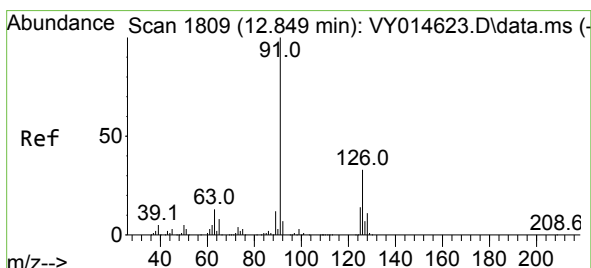
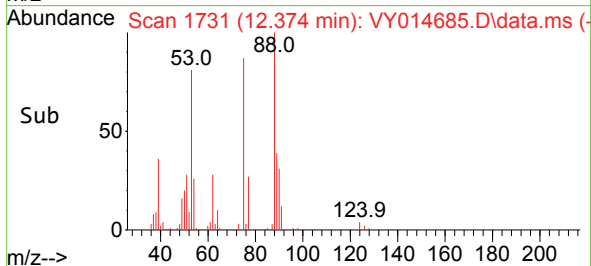
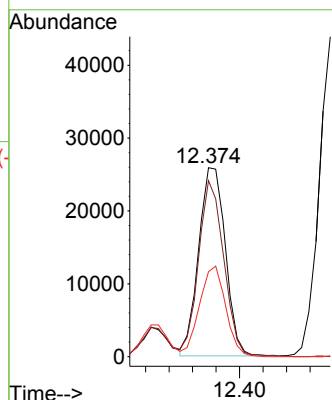
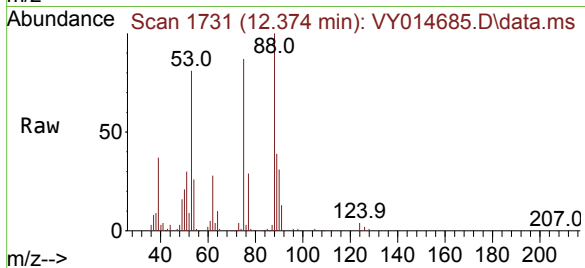




#81
trans-1,4-Dichloro-2-butene
Concen: 54.605 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

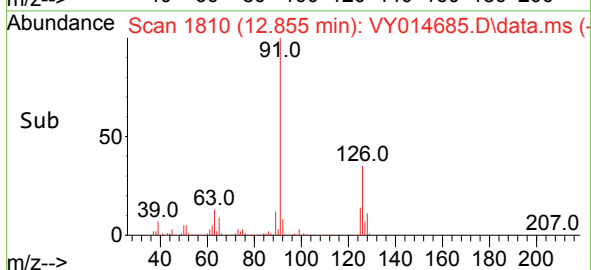
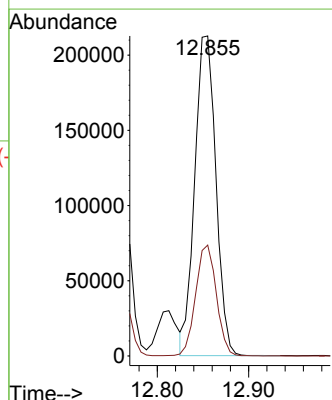
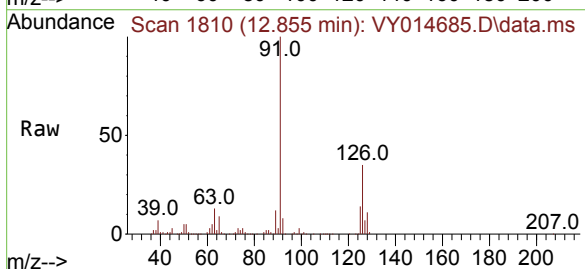
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

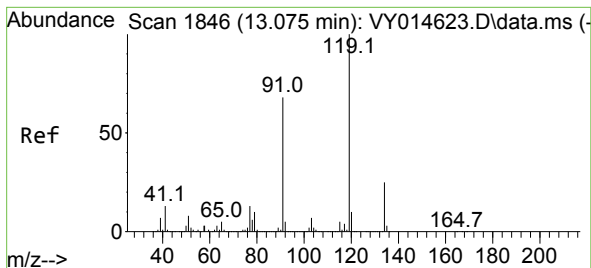
Tgt Ion: 75 Resp: 40868
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.259 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion: 91 Resp: 342021
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.786 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

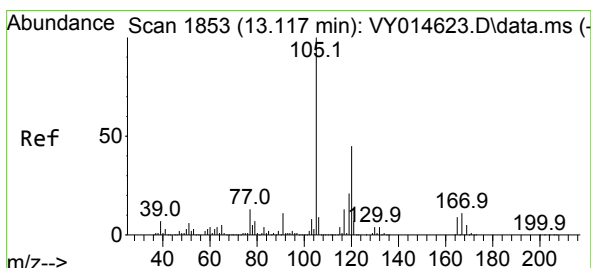
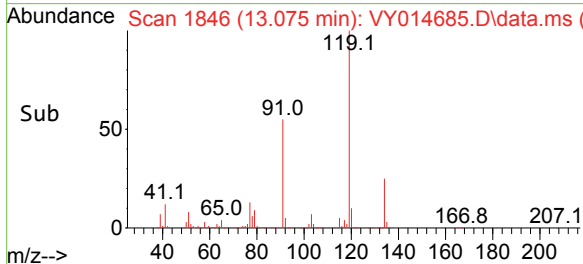
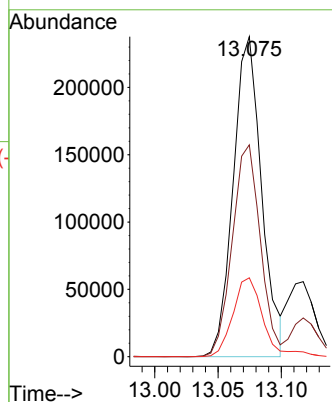
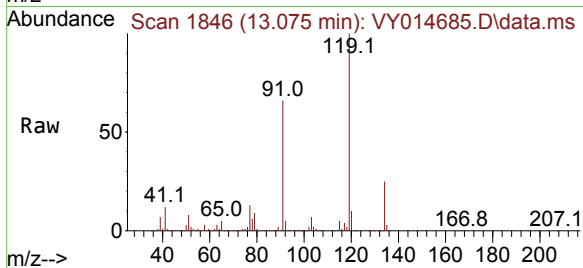
Tgt Ion:119 Resp: 371288

Ion Ratio Lower Upper

119 100

91 65.6 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.339 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014685.D

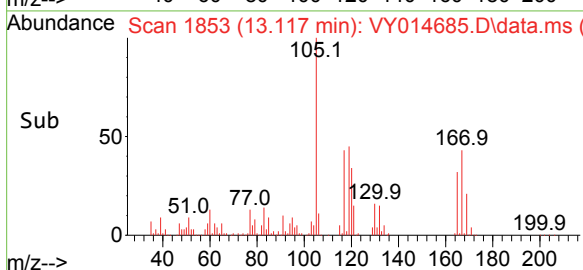
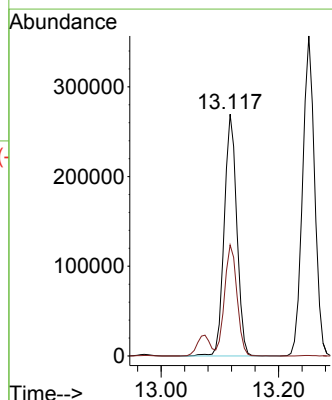
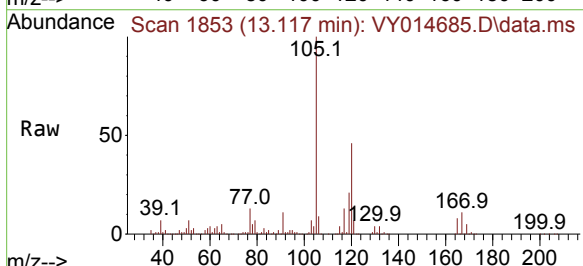
Acq: 17 Jul 2023 20:14

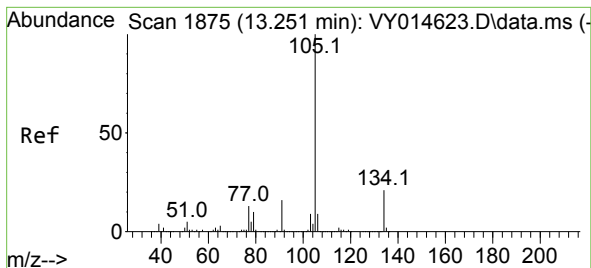
Tgt Ion:105 Resp: 400111

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.023 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

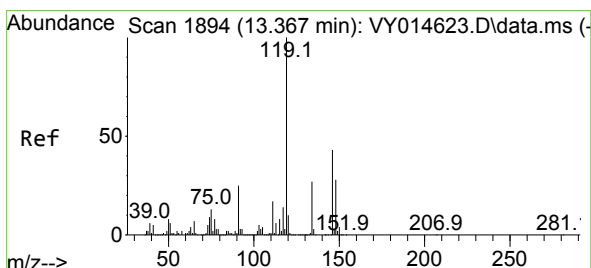
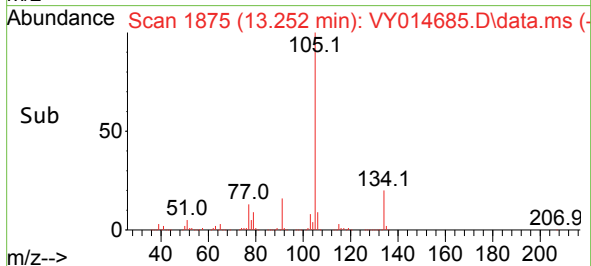
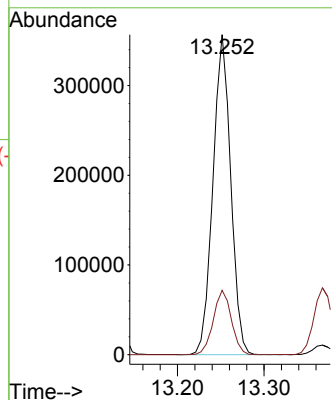
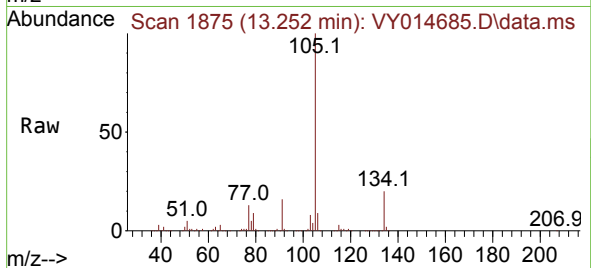
SB-02(2-4)MSD

Tgt Ion:105 Resp: 507914

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.461 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

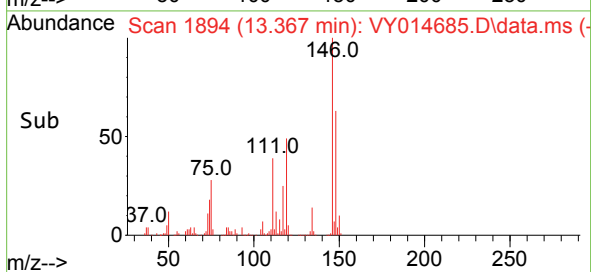
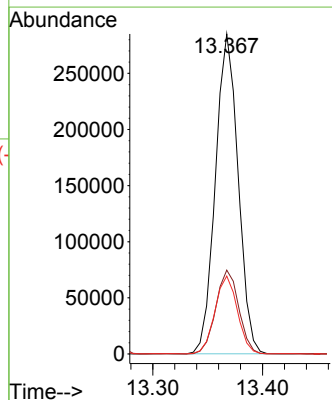
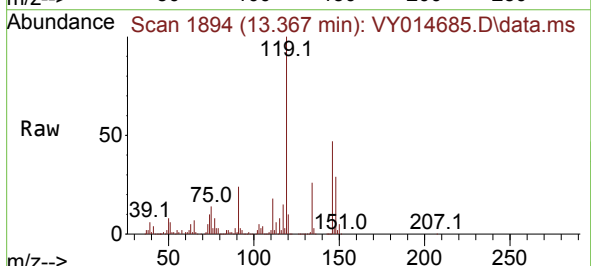
Tgt Ion:119 Resp: 410219

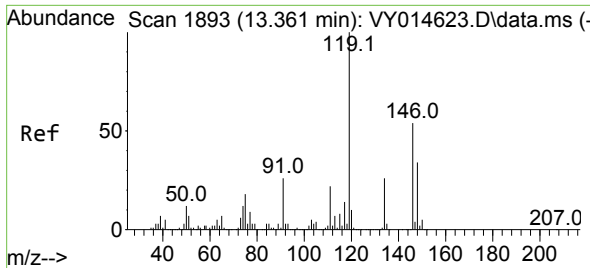
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.9 12.4 37.4

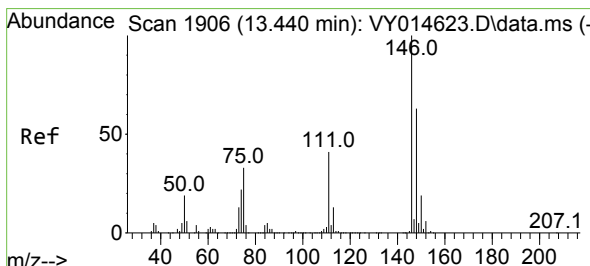
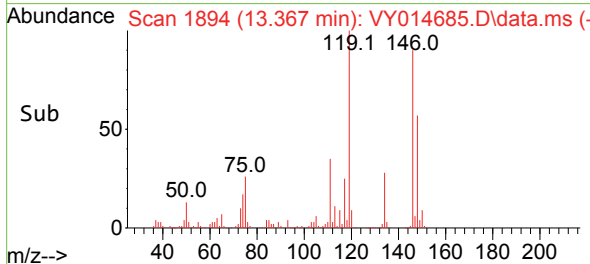
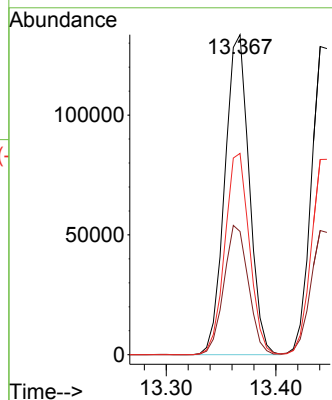
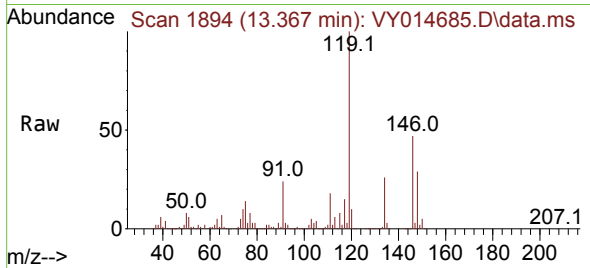




#87
1,3-Dichlorobenzene
Concen: 51.657 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

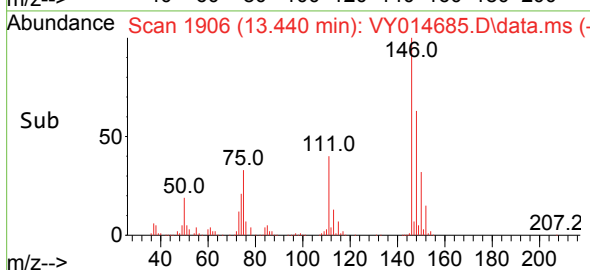
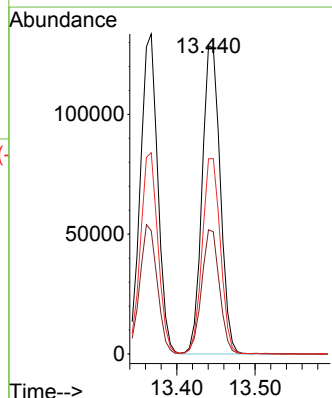
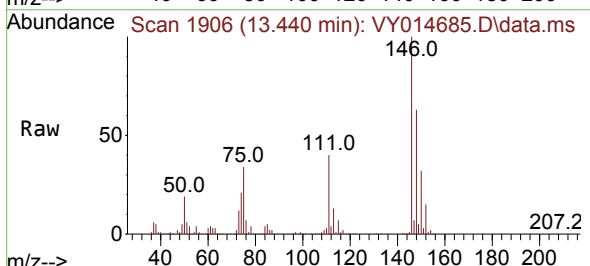
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MSD

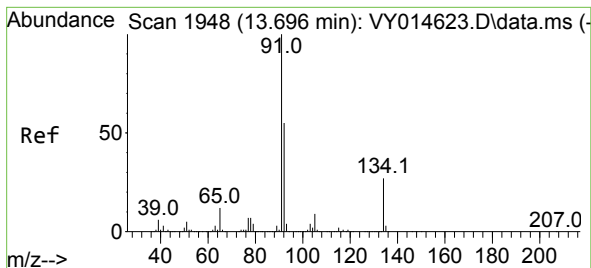
Tgt Ion:146 Resp: 206175
Ion Ratio Lower Upper
146 100
111 40.7 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.731 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014685.D
Acq: 17 Jul 2023 20:14

Tgt Ion:146 Resp: 206900
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 44.571 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

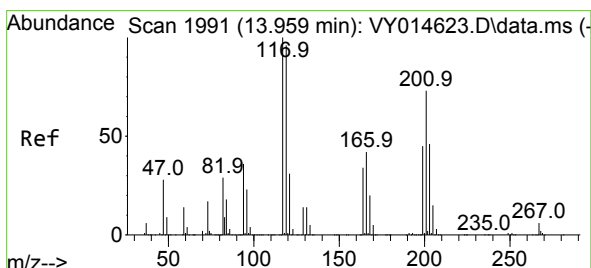
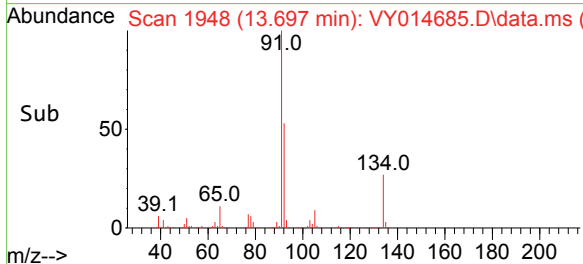
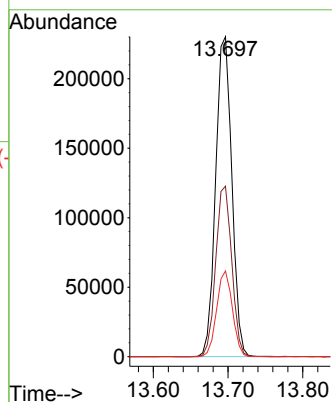
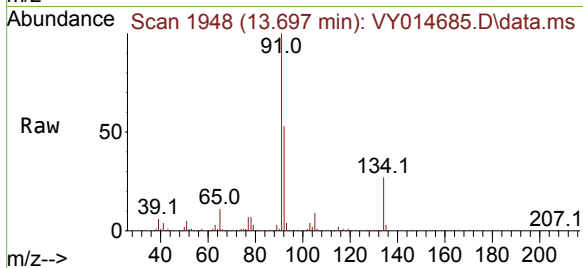
Tgt Ion: 91 Resp: 345665

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 51.044 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014685.D

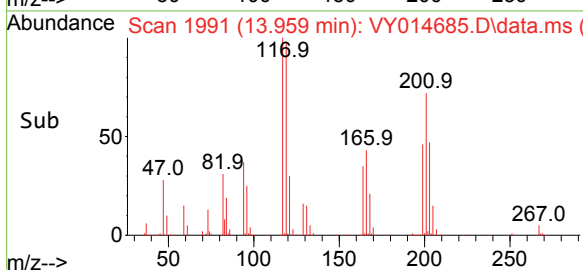
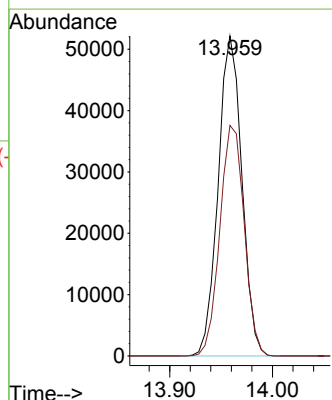
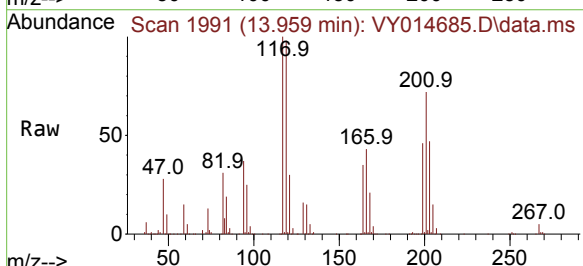
Acq: 17 Jul 2023 20:14

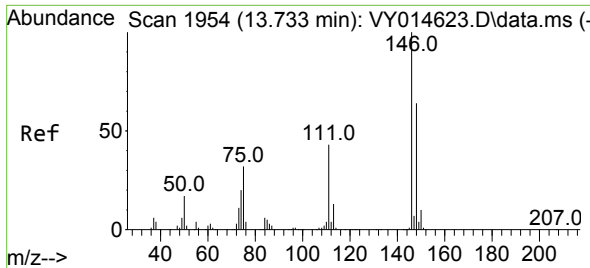
Tgt Ion: 117 Resp: 83575

Ion Ratio Lower Upper

117 100

201 74.1 41.6 124.8

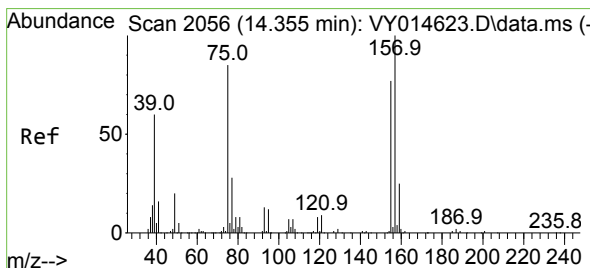
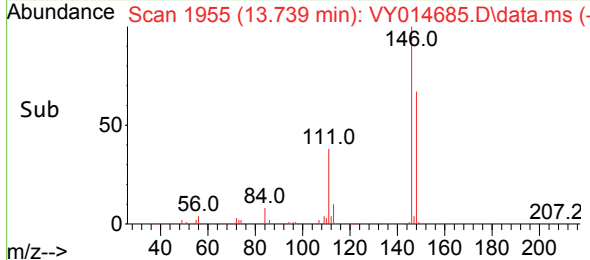
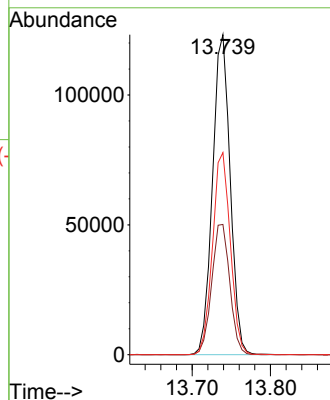
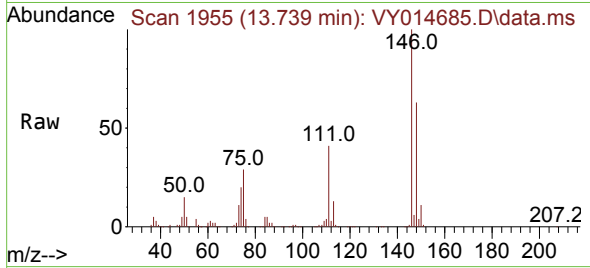




#91
 1,2-Dichlorobenzene
 Concen: 52.729 ug/l
 RT: 13.739 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

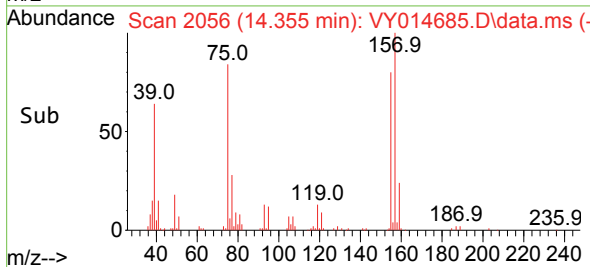
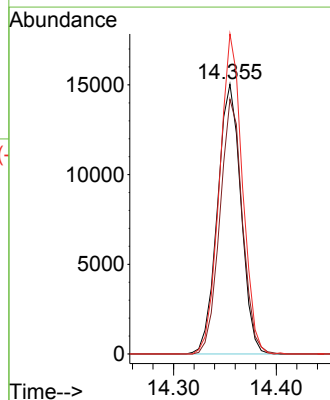
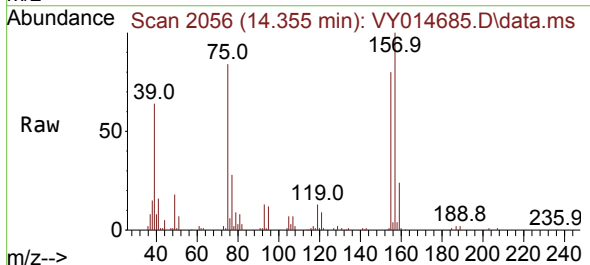
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MSD

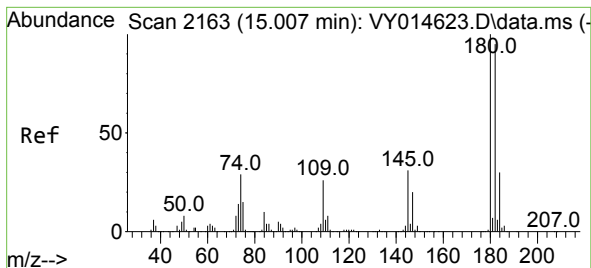
Tgt Ion:146 Resp: 192819
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.7 59.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.727 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014685.D
 Acq: 17 Jul 2023 20:14

Tgt Ion: 75 Resp: 23793
 Ion Ratio Lower Upper
 75 100
 155 90.5 41.5 124.6
 157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 37.600 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

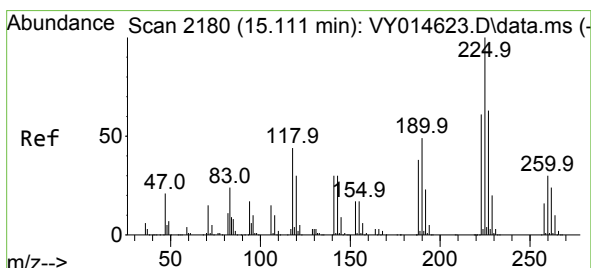
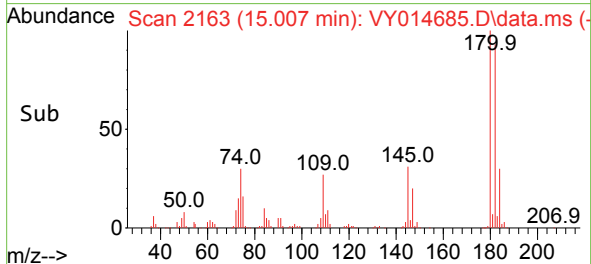
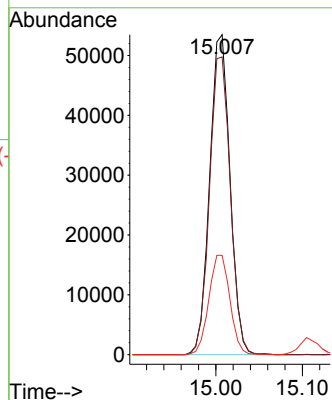
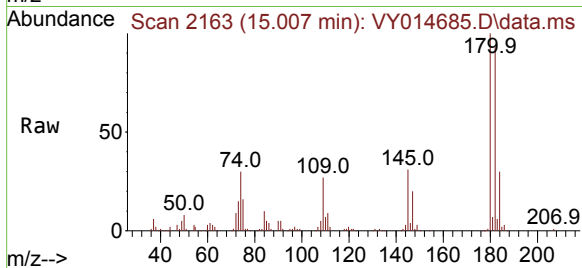
Tgt Ion:180 Resp: 87281

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 32.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 32.299 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

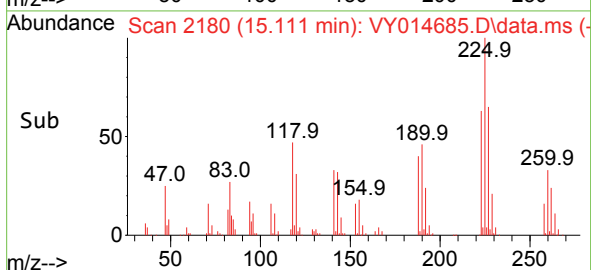
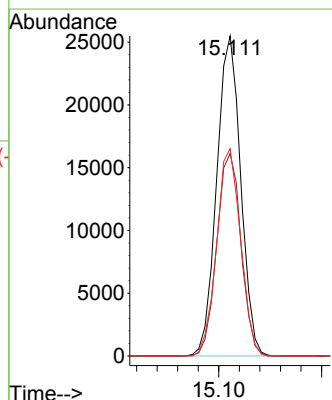
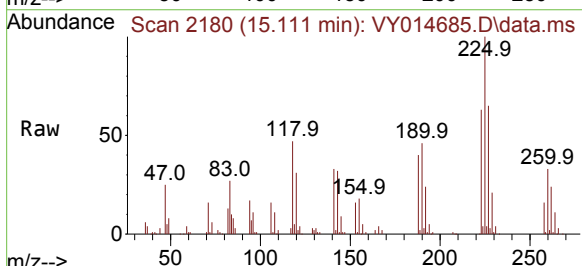
Tgt Ion:225 Resp: 41201

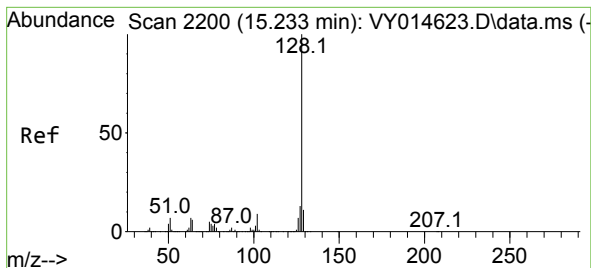
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 48.686 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MSD

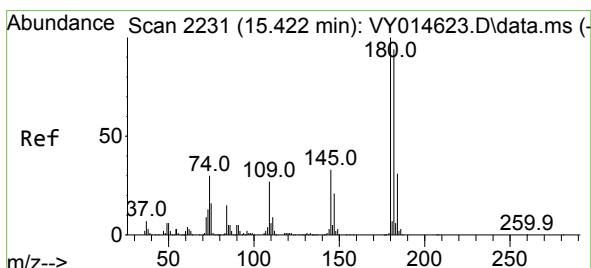
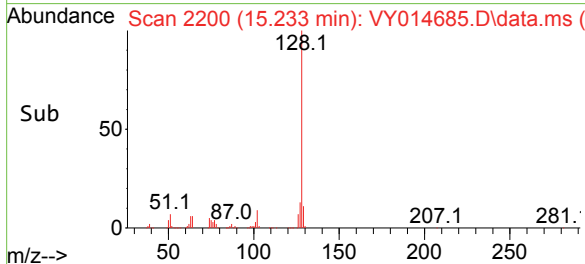
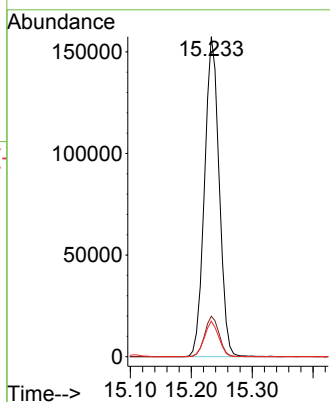
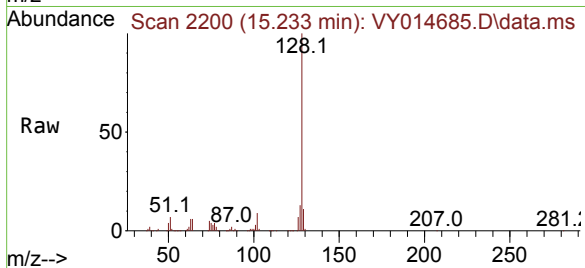
Tgt Ion:128 Resp: 263295

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 37.632 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014685.D

Acq: 17 Jul 2023 20:14

Tgt Ion:180 Resp: 77635

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.8

145 33.4 15.4 46.2

