

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014684.D
 Acq On : 17 Jul 2023 19:51
 Operator : SY/MD
 Sample : 03631-02MS
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 18 06:14:16 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	200657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68430	29.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.860%
35) Dibromofluoromethane	7.716	113	82556	41.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.580%
50) Toluene-d8	10.179	98	317522	43.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.160%
62) 4-Bromofluorobenzene	12.483	95	95323	33.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	80824	49.440	ug/l	99
3) Chloromethane	2.113	50	89945	48.946	ug/l	97
4) Vinyl Chloride	2.247	62	122197	59.499	ug/l	98
5) Bromomethane	2.650	94	75065	55.307	ug/l	96
6) Chloroethane	2.790	64	74426	58.015	ug/l	98
7) Trichlorofluoromethane	3.119	101	181328	52.569	ug/l	99
8) Diethyl Ether	3.527	74	41930	32.671	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	109490	51.788	ug/l	94
10) Methyl Iodide	4.088	142	82033	37.237	ug/l	97
11) Tert butyl alcohol	4.954	59	30431	52.073	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	97199	49.191	ug/l	92
13) Acrolein	3.729	56	3434	14.369	ug/l	90
14) Allyl chloride	4.479	41	138788	39.558	ug/l	96
15) Acrylonitrile	5.161	53	70264	99.284	ug/l	98
16) Acetone	3.942	43	58710	81.026	ug/l	96
17) Carbon Disulfide	4.192	76	253836	44.870	ug/l	98
18) Methyl Acetate	4.479	43	101346	36.447	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	197900	30.832	ug/l	98
20) Methylene Chloride	4.710	84	95695	39.792	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	101445	45.240	ug/l	99
22) Diisopropyl ether	6.118	45	272002	38.133	ug/l #	85
23) Vinyl Acetate	6.057	43	94633	22.170	ug/l	100
24) 1,1-Dichloroethane	6.009	63	177796	43.563	ug/l	97
25) 2-Butanone	6.984	43	91413	86.234	ug/l	93
26) 2,2-Dichloropropane	6.978	77	156735	40.294	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	110256	42.241	ug/l	93
28) Bromochloromethane	7.332	49	50980	29.003	ug/l	91
29) Tetrahydrofuran	7.344	42	64519	98.844	ug/l	91
30) Chloroform	7.502	83	178667	42.452	ug/l	94
31) Cyclohexane	7.783	56	172470	45.438	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	187454	49.487	ug/l	98
36) 1,1-Dichloropropene	7.917	75	152170	50.893	ug/l	99
37) Ethyl Acetate	7.069	43	32748	15.908	ug/l #	94
38) Carbon Tetrachloride	7.899	117	169282	53.558	ug/l	98
39) Methylcyclohexane	9.185	83	191488	49.157	ug/l	93
40) Benzene	8.155	78	388686	45.708	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19692	18.597	ug/l	87
42) 1,2-Dichloroethane	8.234	62	91626	34.025	ug/l	94
43) Isopropyl Acetate	8.271	43	79675	20.318	ug/l #	89
44) Trichloroethene	8.941	130	114378	48.073	ug/l	97
45) 1,2-Dichloropropane	9.215	63	89875	40.475	ug/l	96
46) Dibromomethane	9.307	93	42149	31.289	ug/l	95
47) Bromodichloromethane	9.496	83	125315	39.470	ug/l	99
48) Methyl methacrylate	9.289	41	53239	30.171	ug/l	93
49) 1,4-Dioxane	9.289	88	9919	451.574	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	237083	115.147	ug/l	93
52) Toluene	10.240	92	247706	45.521	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	108271	31.176	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	133585	35.372	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	58841	31.358	ug/l	98
56) Ethyl methacrylate	10.508	69	57154	19.949	ug/l	88
57) 1,3-Dichloropropane	10.788	76	102852	31.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	173613	130.054	ug/l	93
59) 2-Hexanone	10.831	43	150549	100.266	ug/l	92
60) Dibromochloromethane	10.983	129	77556	33.711	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53722	28.699	ug/l	100
64) Tetrachloroethene	10.721	164	105495	53.314	ug/l	97
65) Chlorobenzene	11.514	112	245439	46.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	91545	46.310	ug/l	97
67) Ethyl Benzene	11.593	91	483071	51.032	ug/l	99
68) m/p-Xylenes	11.703	106	360060	99.645	ug/l	96
69) o-Xylene	12.026	106	170878	48.551	ug/l	97
70) Styrene	12.044	104	259483	43.744	ug/l	99
71) Bromoform	12.209	173	42106	31.424	ug/l #	99
73) Isopropylbenzene	12.325	105	479669	63.624	ug/l	100
74) N-amyl acetate	12.142	43	37163	14.718	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	62887	36.578	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	76758	63.121	ug/l #	100
77) Bromobenzene	12.605	156	88055	51.167	ug/l	97
78) n-propylbenzene	12.672	91	538014	59.222	ug/l	99
79) 2-Chlorotoluene	12.758	91	289487	55.323	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	363725	57.768	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13866	22.077	ug/l	93
82) 4-Chlorotoluene	12.855	91	284339	52.762	ug/l	100
83) tert-Butylbenzene	13.075	119	347710	62.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	343023	55.514	ug/l	100
85) sec-Butylbenzene	13.251	105	489819	59.784	ug/l	100
86) p-Isopropyltoluene	13.367	119	383874	57.385	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	165211	49.326	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	158619	47.259	ug/l	98
89) n-Butylbenzene	13.696	91	319758	49.132	ug/l	96
90) Hexachloroethane	13.959	117	78174	56.895	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	139547	45.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8634	26.260	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	60910	31.268	ug/l	98
94) Hexachlorobutadiene	15.111	225	40577	37.905	ug/l	98
95) Naphthalene	15.233	128	115667	25.487	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	47892	27.663	ug/l	96

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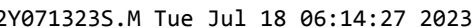
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

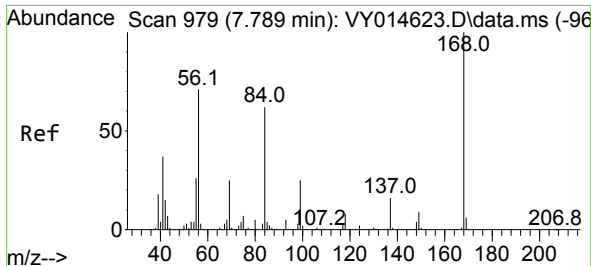
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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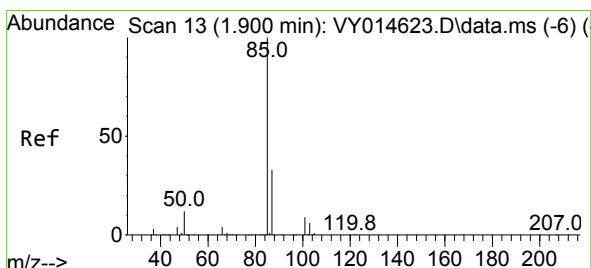
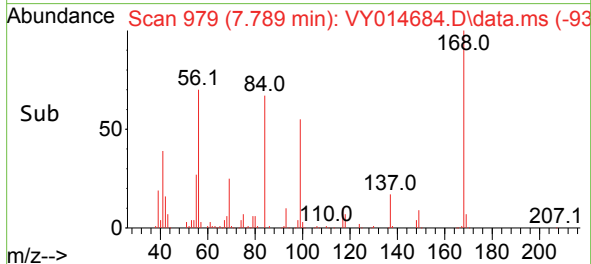
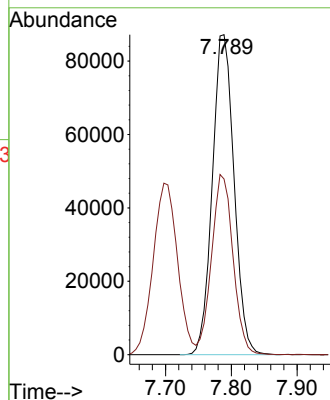
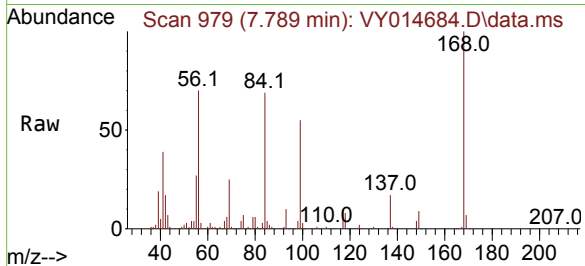




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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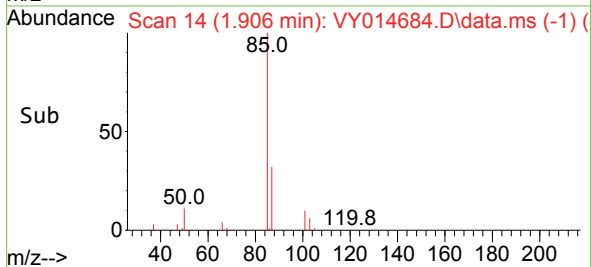
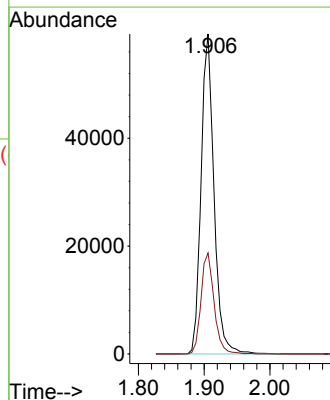
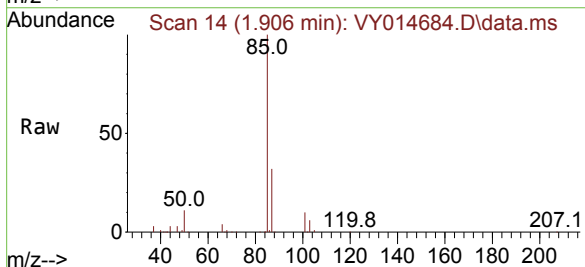
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SB-02(2-4)MS

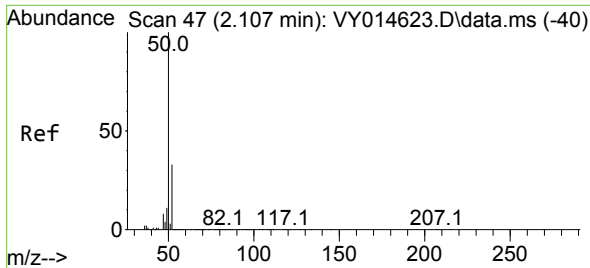
Tgt Ion:168 Resp: 200657
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.440 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 85 Resp: 80824
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

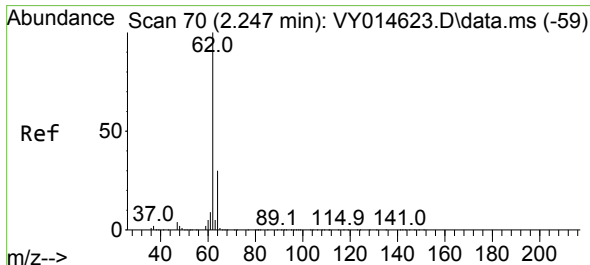
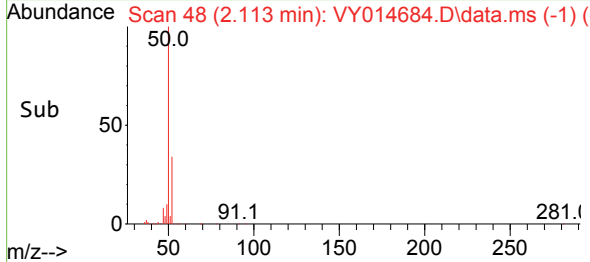
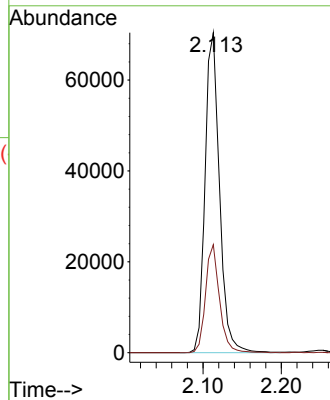
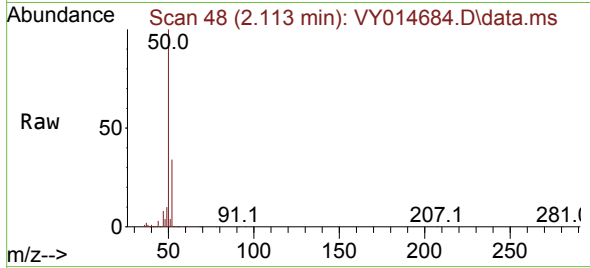




#3
Chloromethane
Concen: 48.946 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

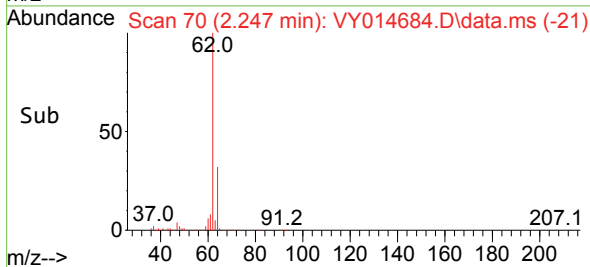
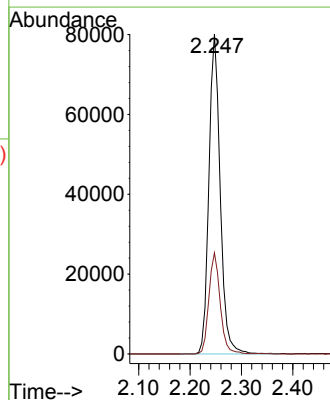
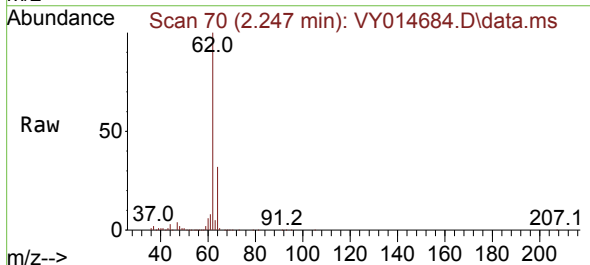
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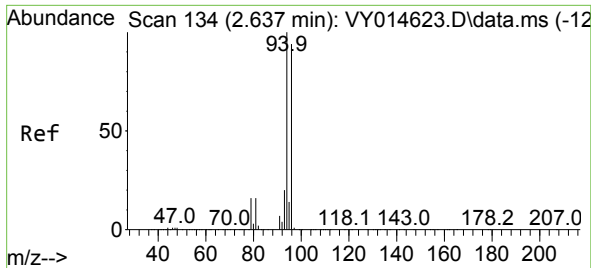
Tgt Ion: 50 Resp: 89945
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2



#4
Vinyl Chloride
Concen: 59.499 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 62 Resp: 122197
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

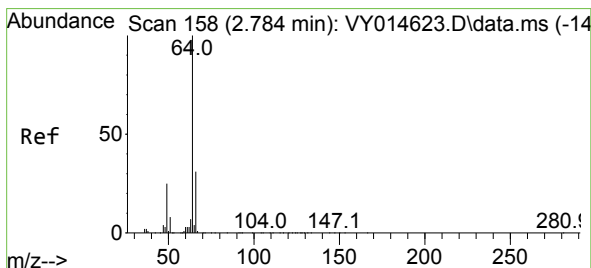
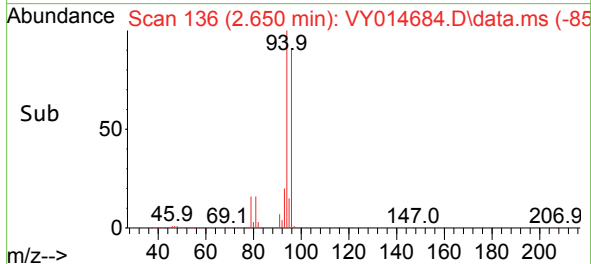
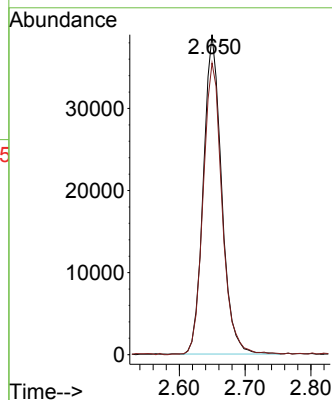
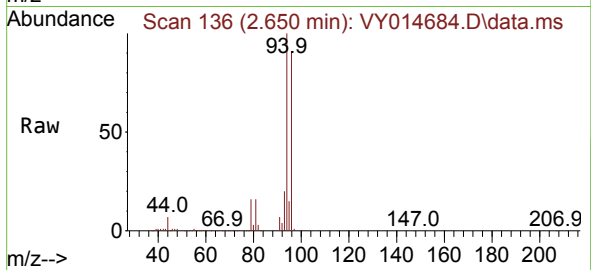




#5
Bromomethane
Concen: 55.307 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
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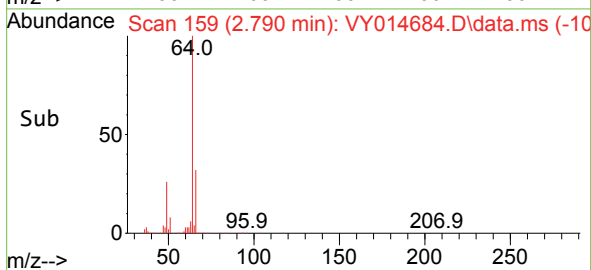
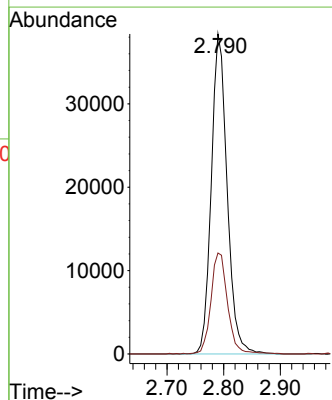
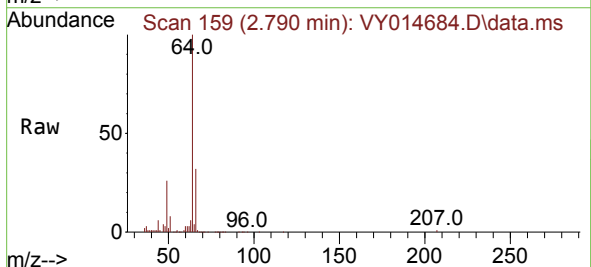
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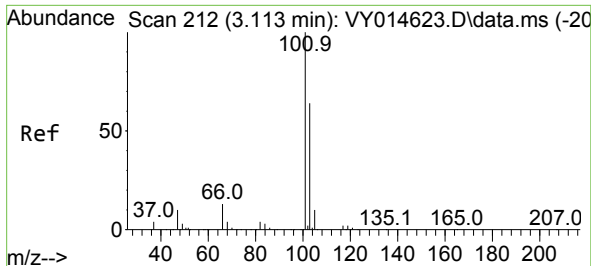
Tgt Ion: 94 Resp: 75065
Ion Ratio Lower Upper
94 100
96 91.1 75.8 113.6



#6
Chloroethane
Concen: 58.015 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014684.D
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Tgt Ion: 64 Resp: 74426
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

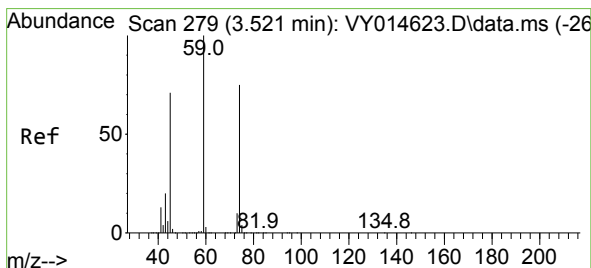
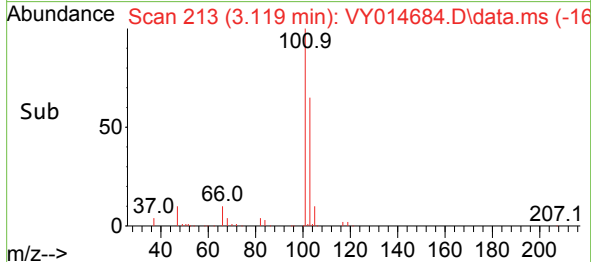
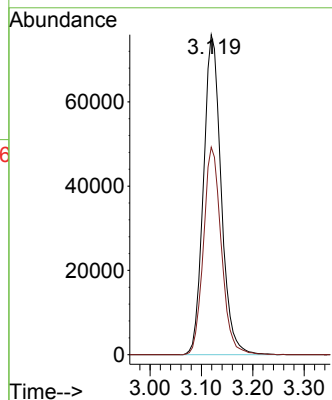
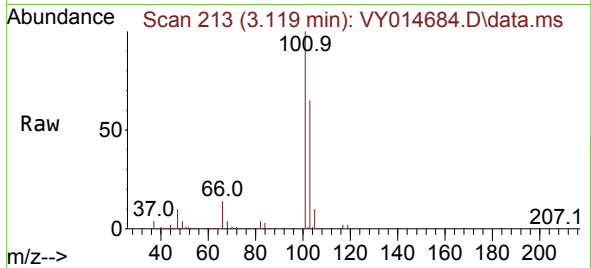




#7
 Trichlorofluoromethane
 Concen: 52.569 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
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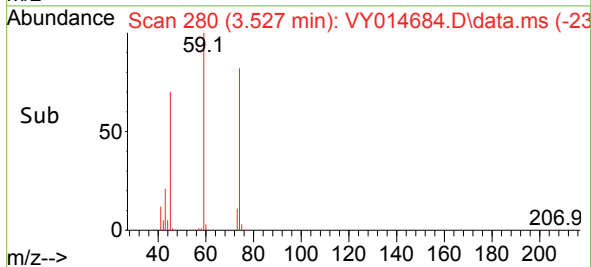
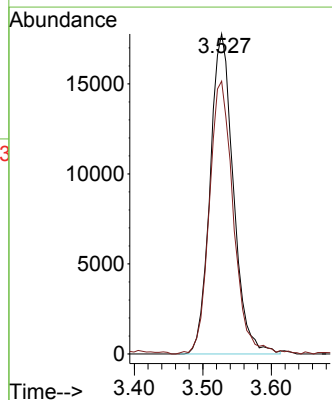
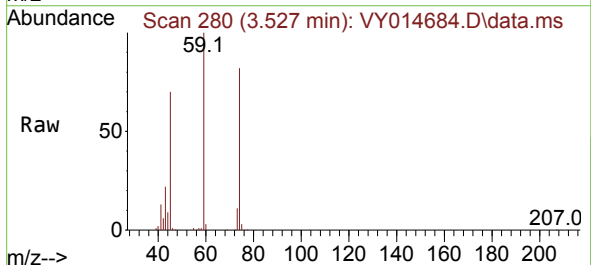
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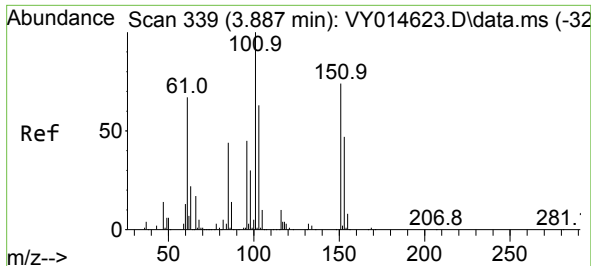
Tgt Ion:101 Resp: 181328
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 32.671 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 41930
 Ion Ratio Lower Upper
 74 100
 45 88.0 51.5 154.5

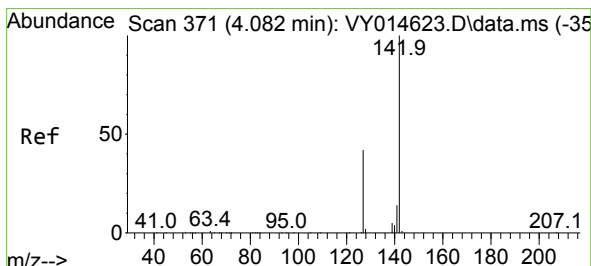
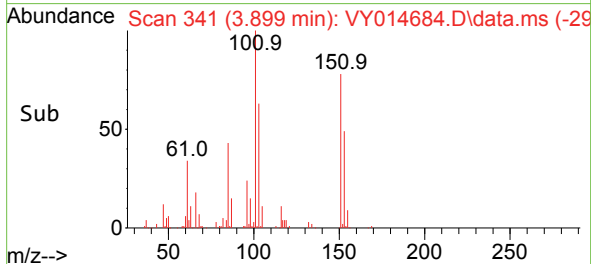
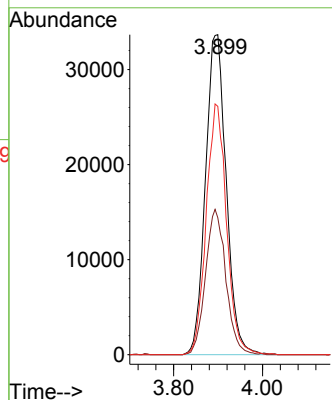
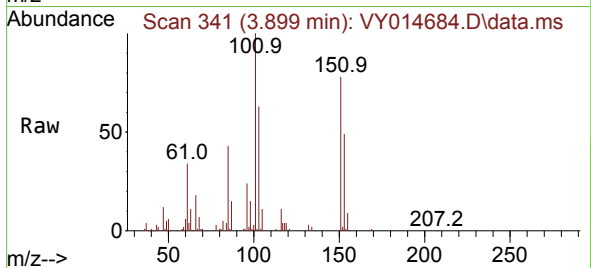




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.788 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

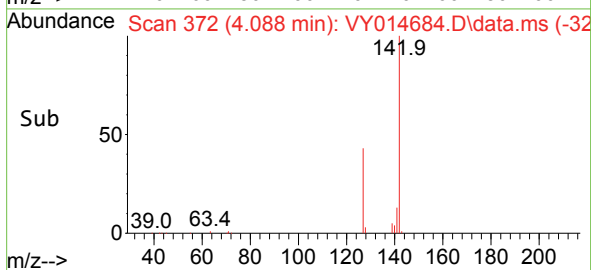
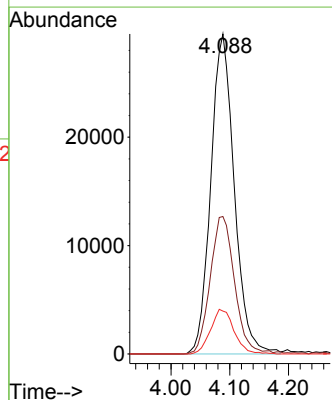
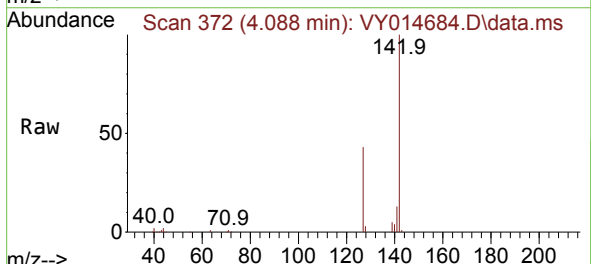
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

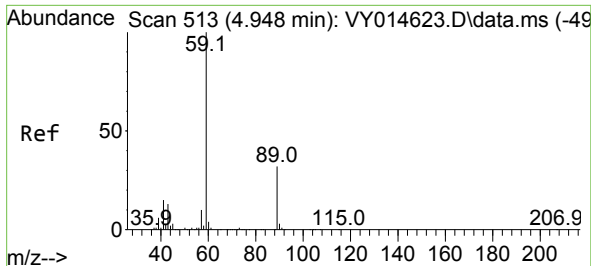
Tgt Ion:101 Resp: 109490
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.7 67.0 100.6



#10
Methyl Iodide
Concen: 37.237 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:142 Resp: 82033
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.0 11.8 17.8

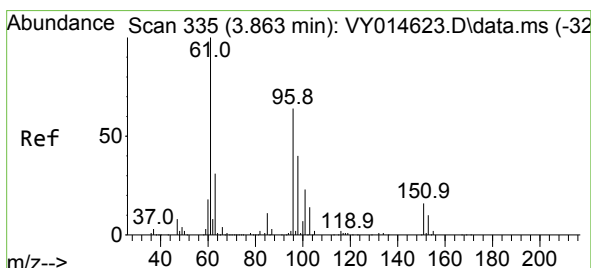
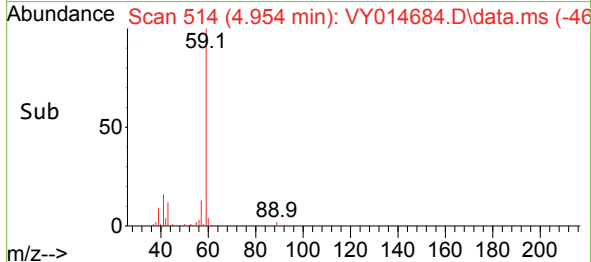
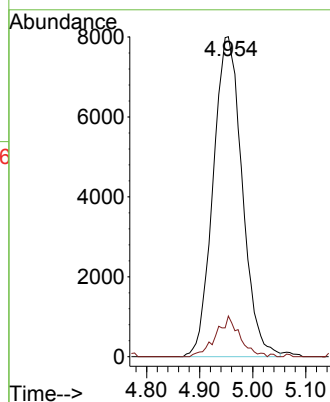
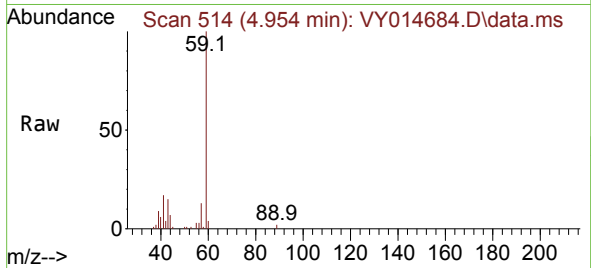




#11
Tert butyl alcohol
Concen: 52.073 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

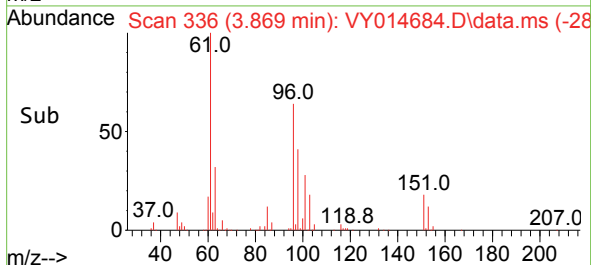
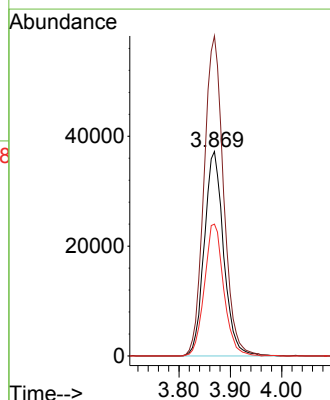
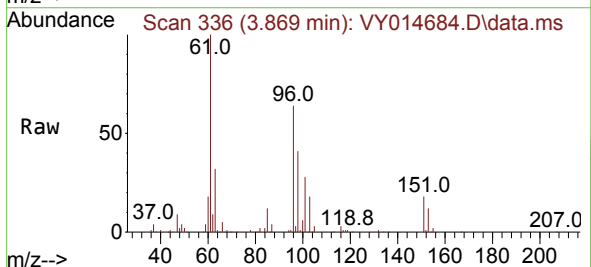
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

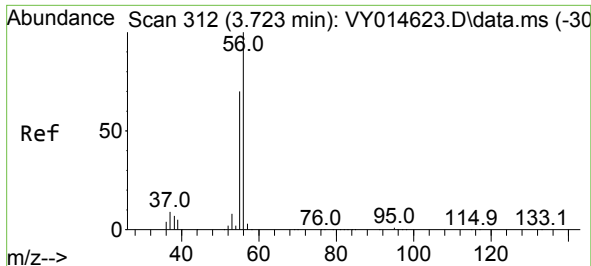
Tgt Ion: 59 Resp: 30431
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.191 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 96 Resp: 97199
Ion Ratio Lower Upper
96 100
61 156.5 136.4 204.6
98 64.4 49.4 74.2

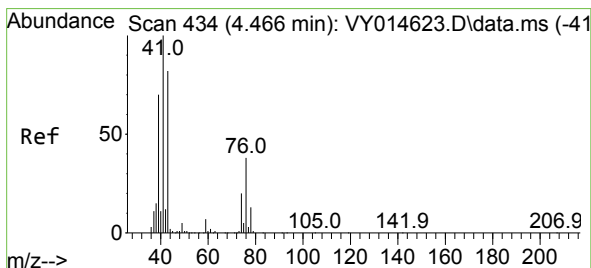
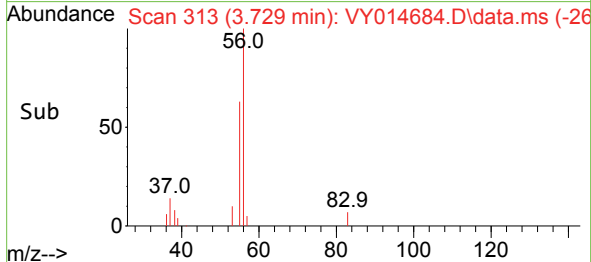
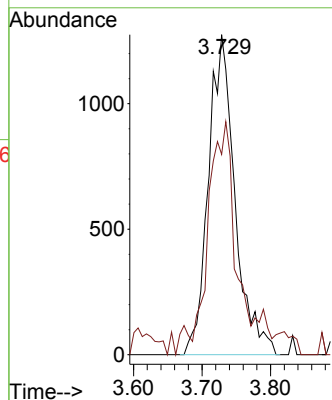
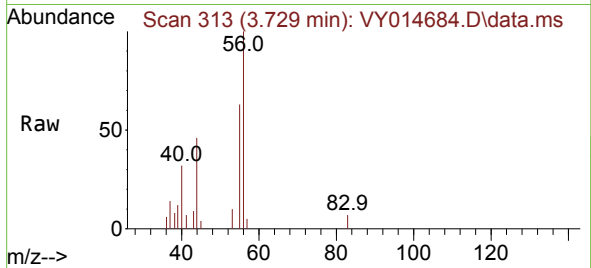




#13
Acrolein
Concen: 14.369 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

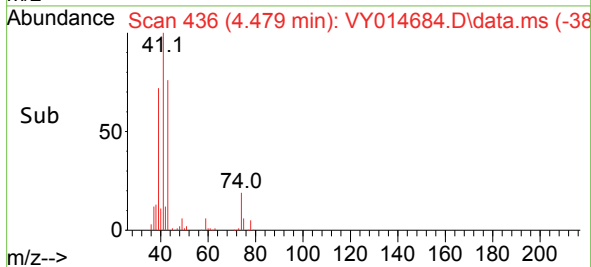
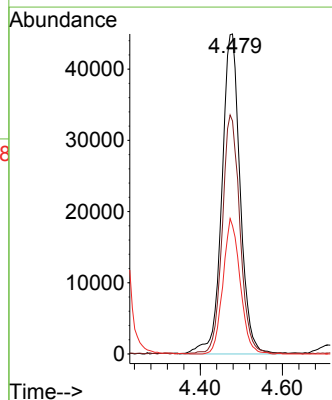
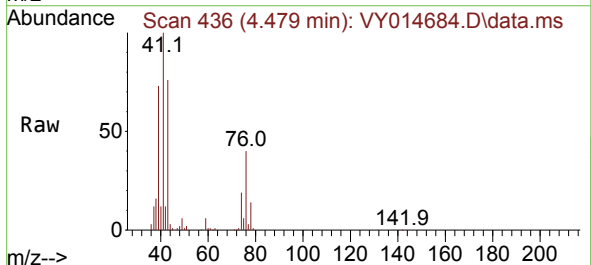
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

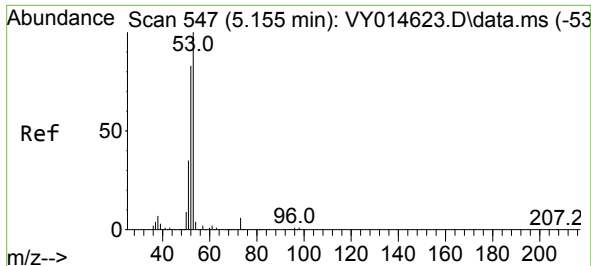
Tgt Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
55 62.8 57.0 85.4



#14
Allyl chloride
Concen: 39.558 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 41 Resp: 138788
Ion Ratio Lower Upper
41 100
39 71.8 58.0 87.0
76 39.6 27.4 41.2

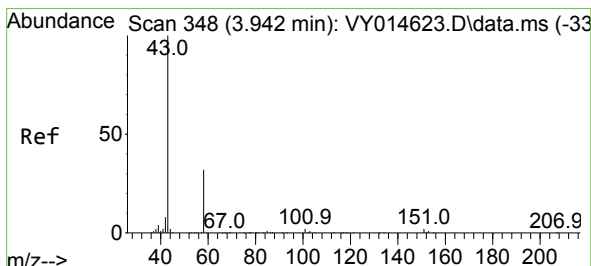
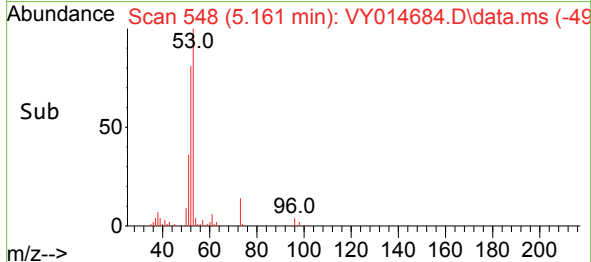
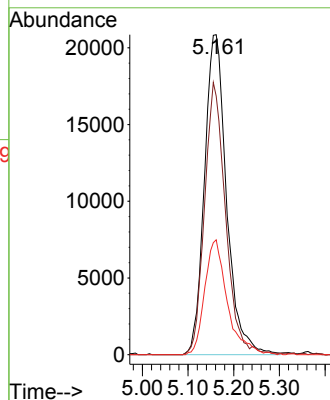
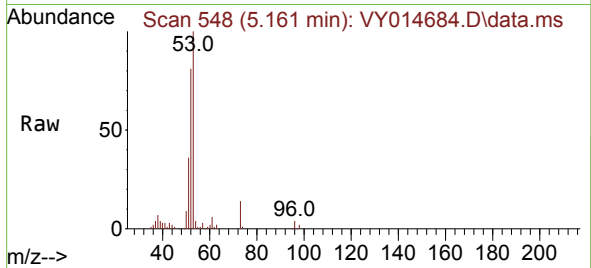




#15
Acrylonitrile
Concen: 99.284 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

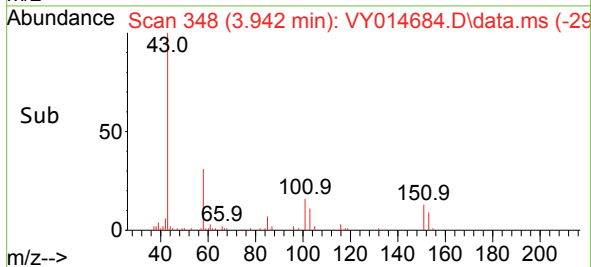
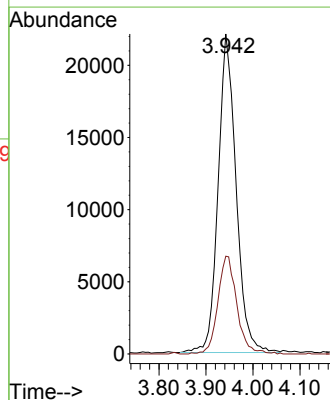
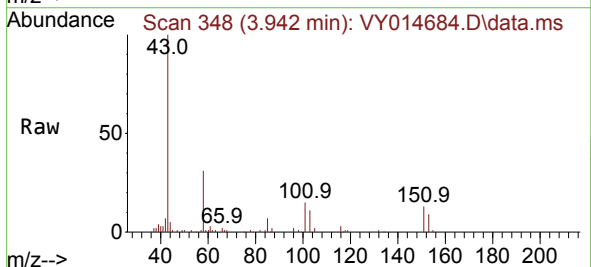
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

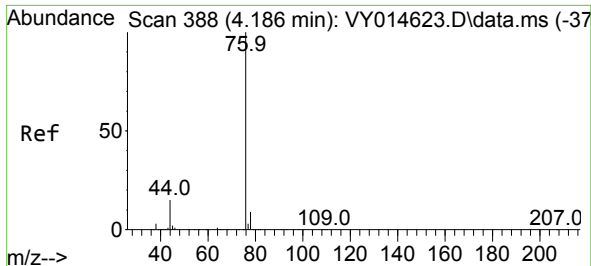
Tgt Ion: 53 Resp: 70264
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 81.026 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 43 Resp: 58710
Ion Ratio Lower Upper
43 100
58 30.7 22.7 34.1

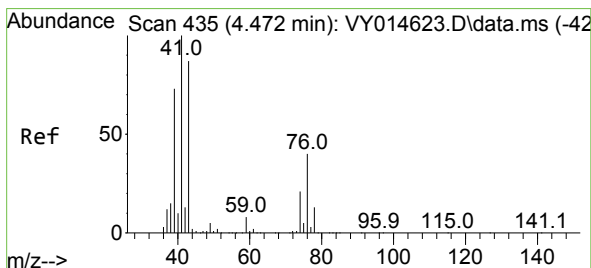
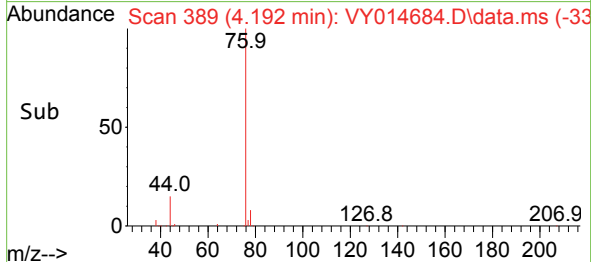
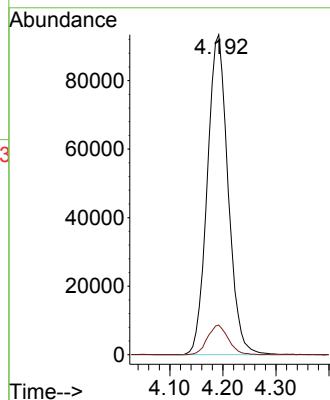
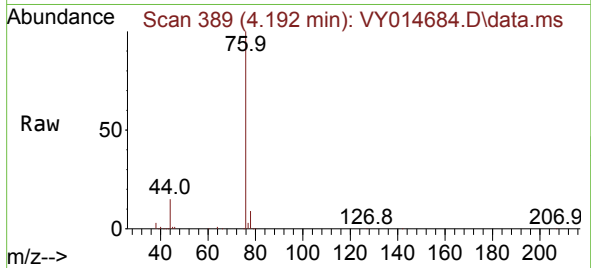




#17
Carbon Disulfide
Concen: 44.870 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

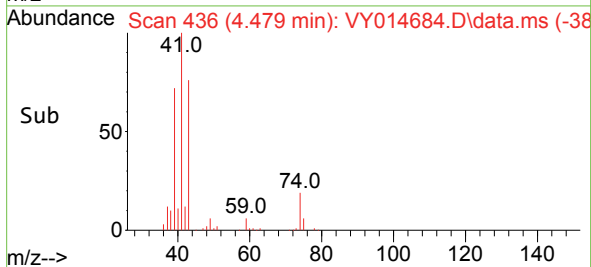
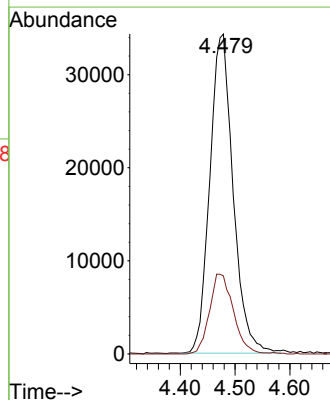
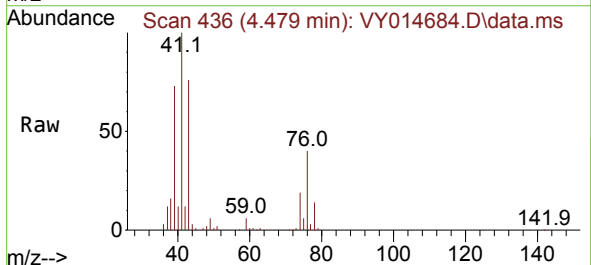
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

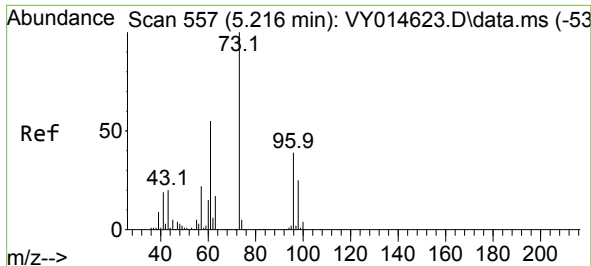
Tgt Ion: 76 Resp: 253836
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 36.447 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 43 Resp: 101346
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

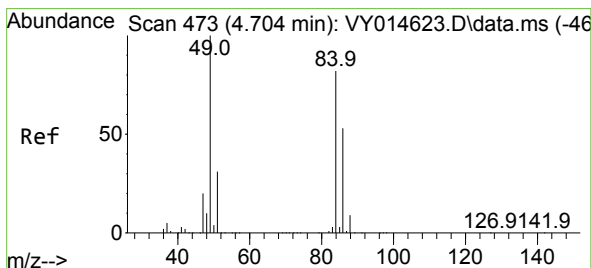
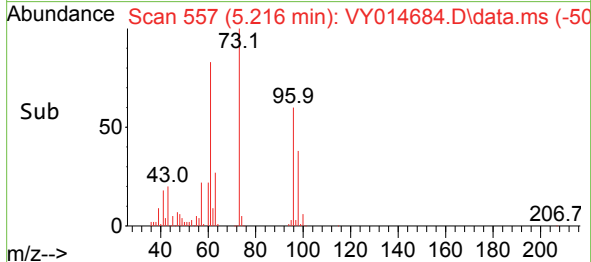
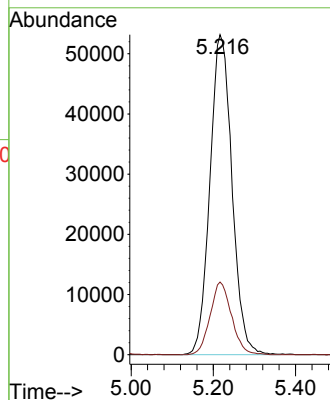
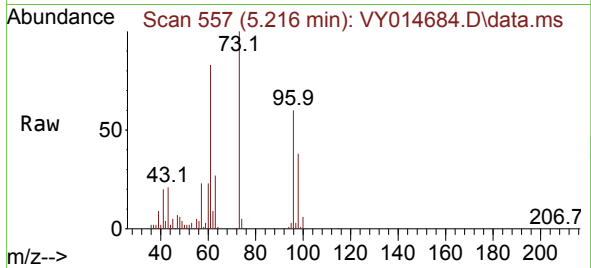




#19
Methyl tert-butyl Ether
Concen: 30.832 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

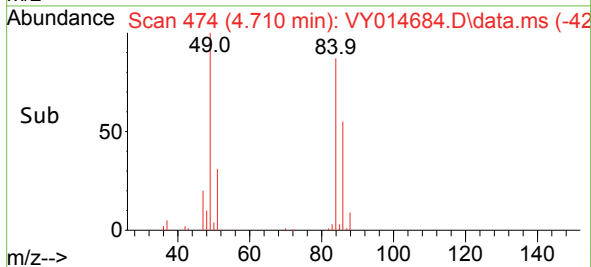
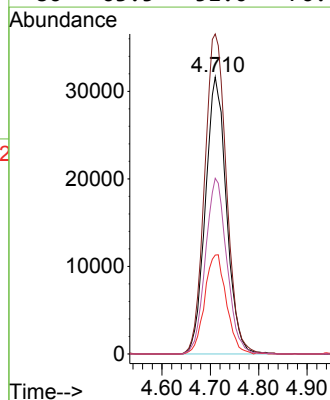
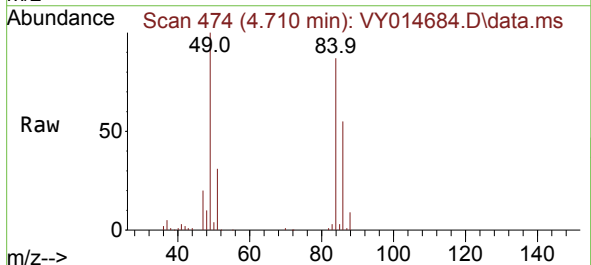
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

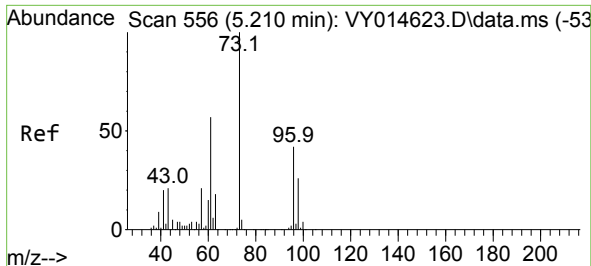
Tgt Ion: 73 Resp: 197900
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 39.792 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 84 Resp: 95695
Ion Ratio Lower Upper
84 100
49 115.6 106.9 160.3
51 35.7 33.2 49.8
86 63.5 51.0 76.6

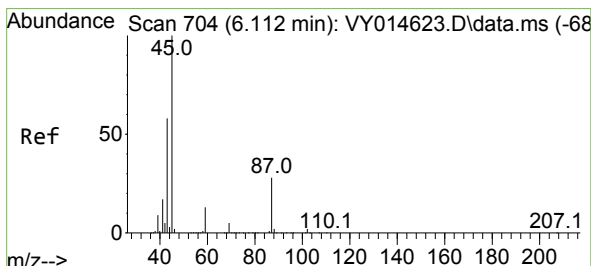
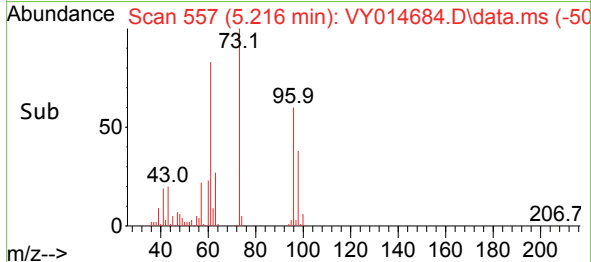
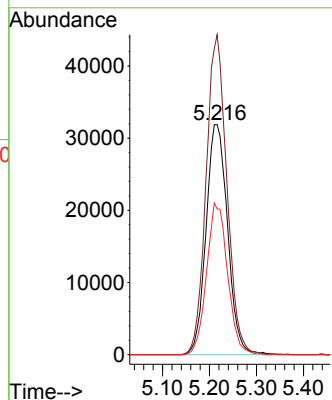
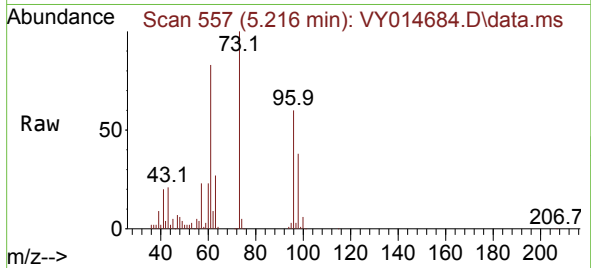




#21
trans-1,2-Dichloroethene
Concen: 45.240 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

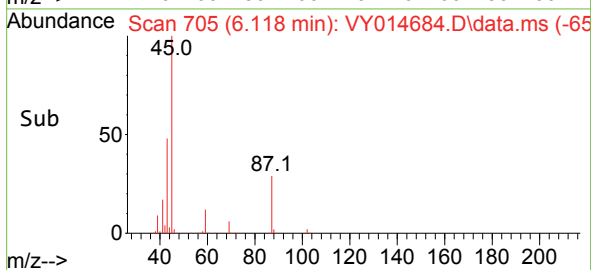
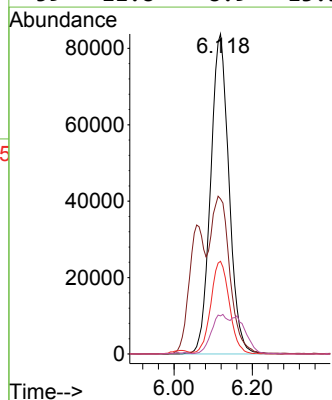
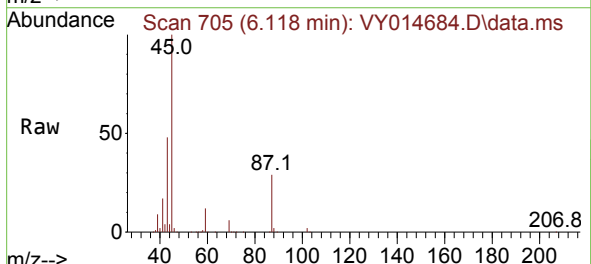
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

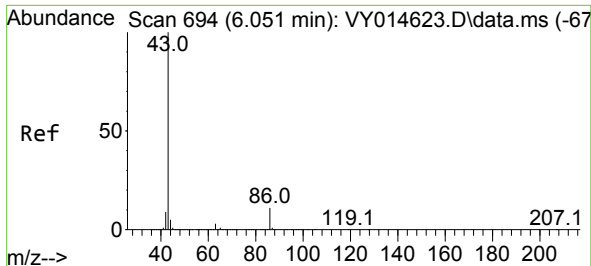
Tgt Ion: 96 Resp: 101445
Ion Ratio Lower Upper
96 100
61 139.1 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 38.133 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 45 Resp: 272002
Ion Ratio Lower Upper
45 100
43 48.2 52.2 78.4#
87 29.0 21.0 31.6
59 11.8 8.9 13.3

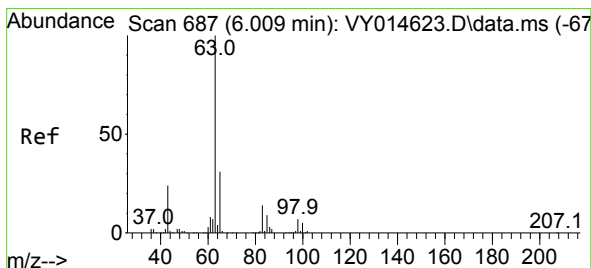
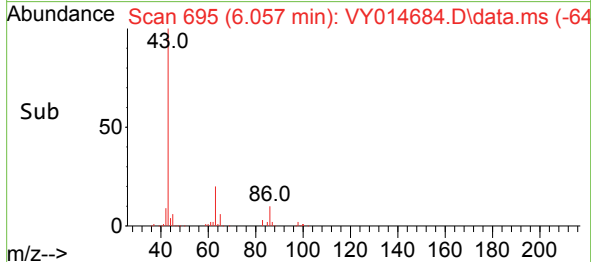
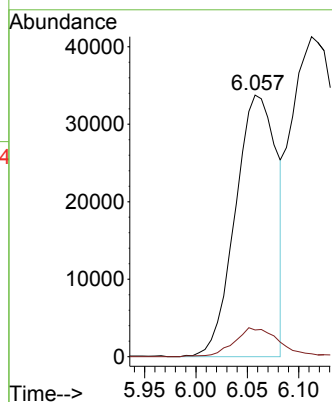
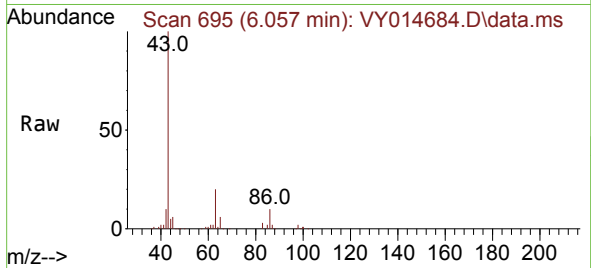




#23
 Vinyl Acetate
 Concen: 22.170 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

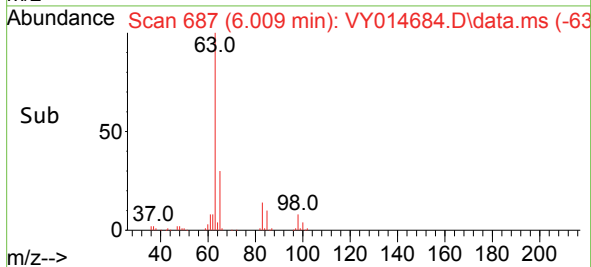
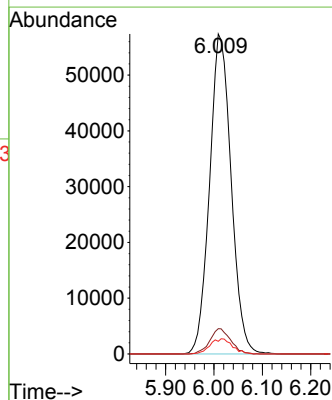
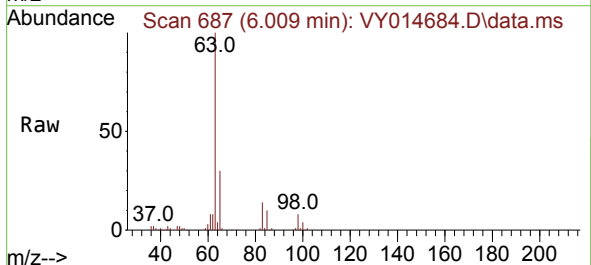
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MS

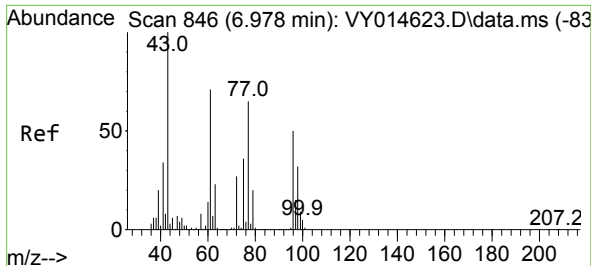
Tgt Ion: 43 Resp: 94633
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 43.563 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

Tgt Ion: 63 Resp: 177796
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.0 1.8 5.5

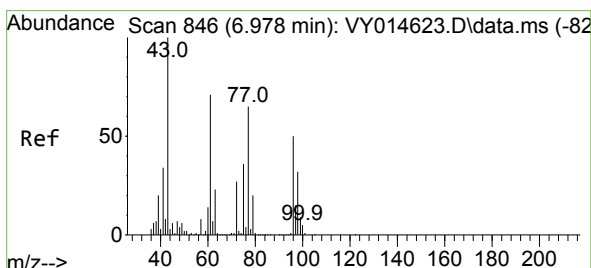
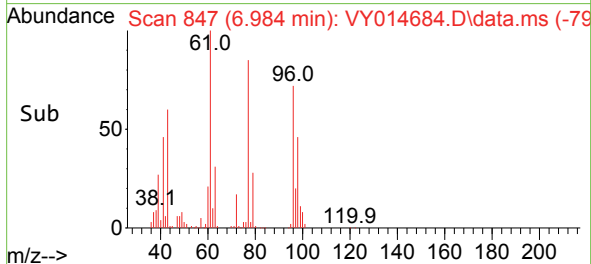
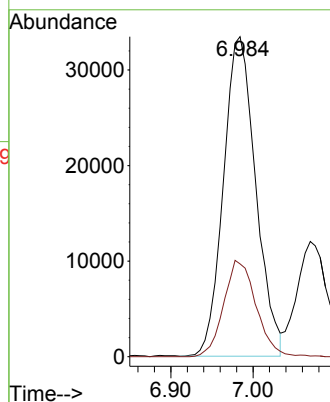
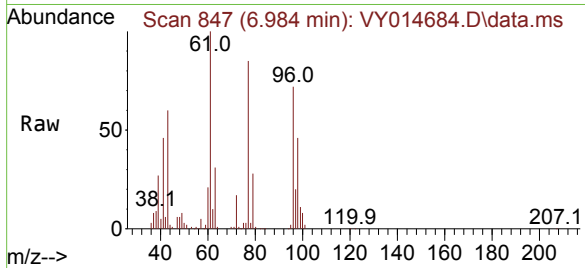




#25
2-Butanone
Concen: 86.234 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

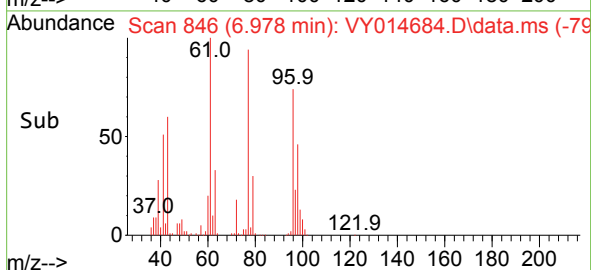
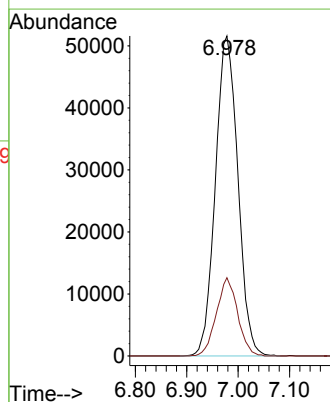
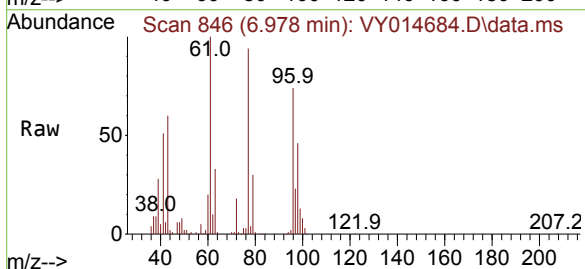
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

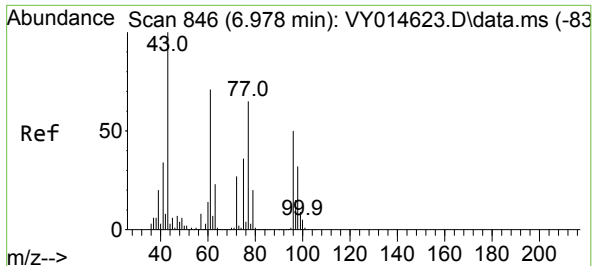
Tgt Ion: 43 Resp: 91413
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 40.294 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 77 Resp: 156735
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9

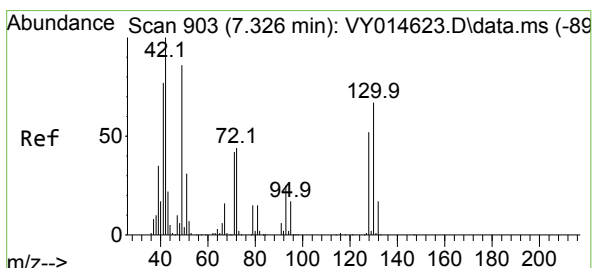
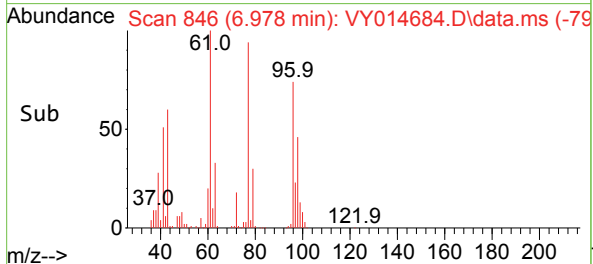
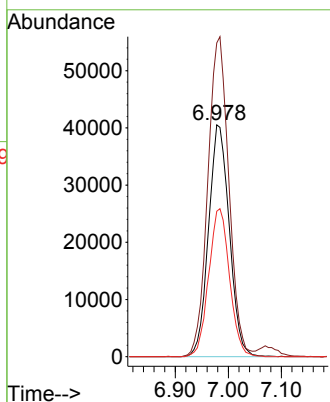
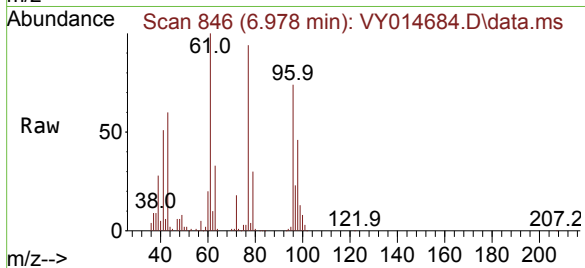




#27
 cis-1,2-Dichloroethene
 Concen: 42.241 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

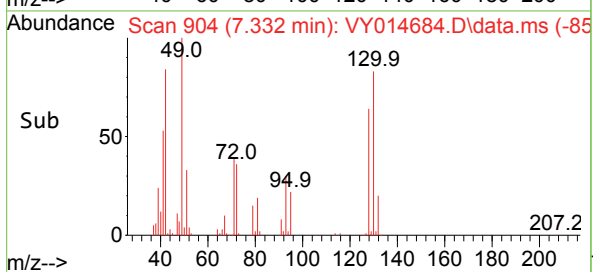
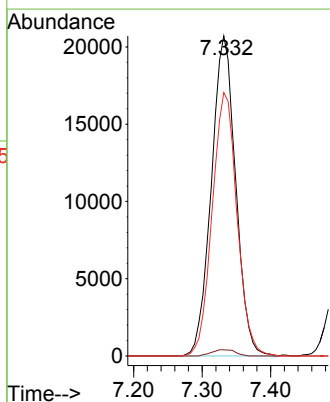
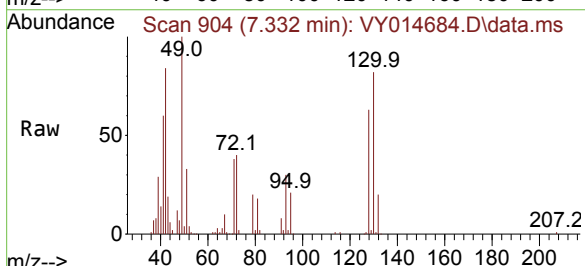
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MS

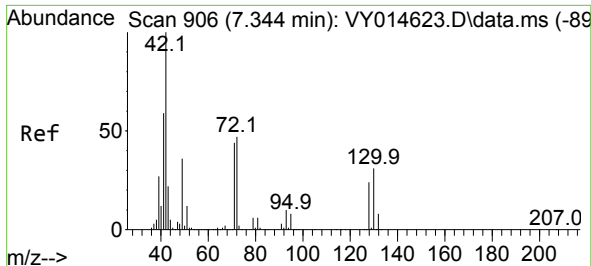
Tgt Ion: 96 Resp: 110256
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 301.4
 98 64.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 29.003 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

Tgt Ion: 49 Resp: 50980
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 83.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 98.844 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

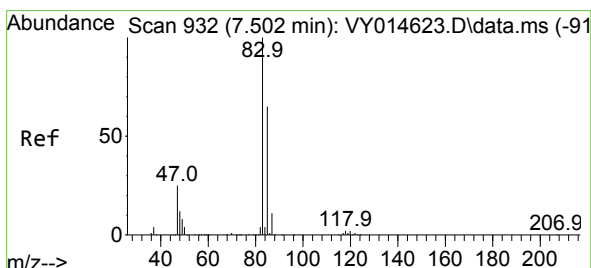
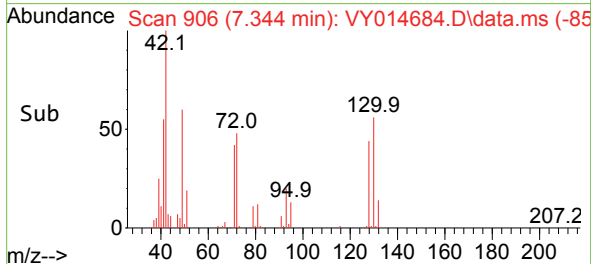
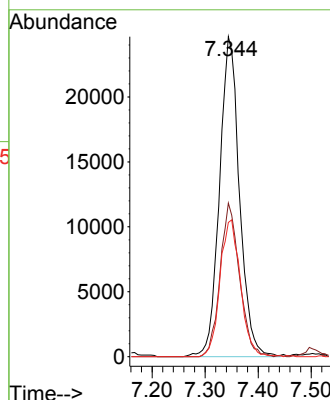
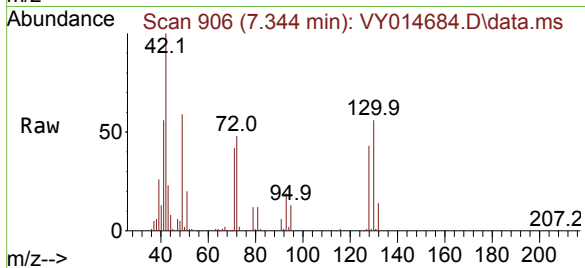
Tgt Ion: 42 Resp: 64519

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 42.452 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014684.D

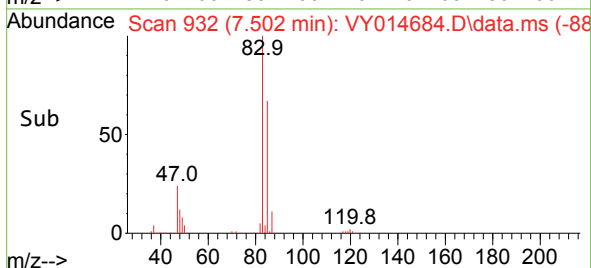
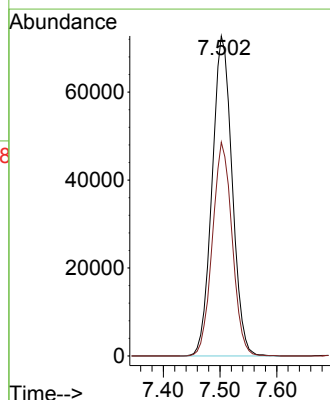
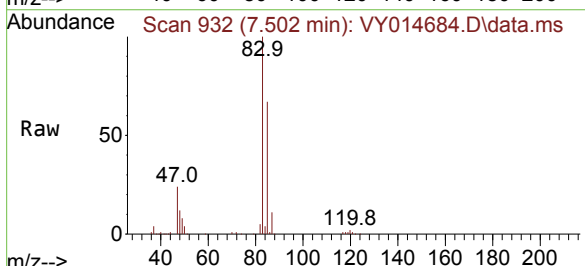
Acq: 17 Jul 2023 19:51

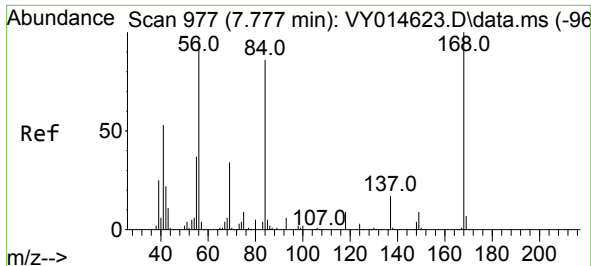
Tgt Ion: 83 Resp: 178667

Ion Ratio Lower Upper

83 100

85 66.8 49.7 74.5

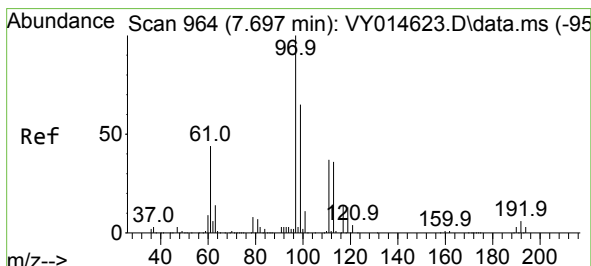
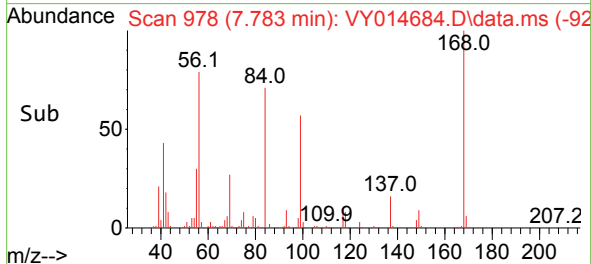
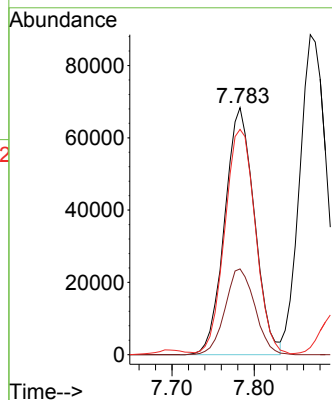
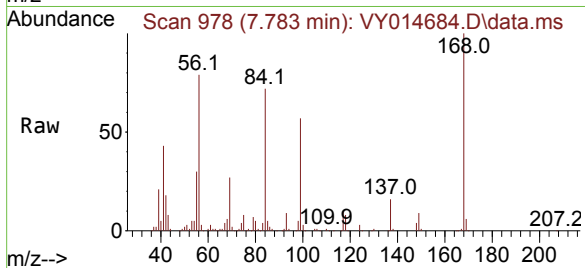




#31
Cyclohexane
Concen: 45.438 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

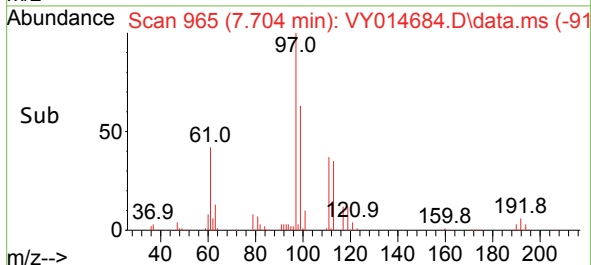
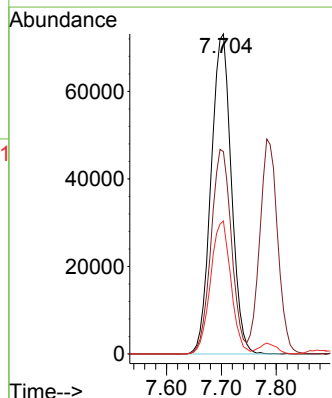
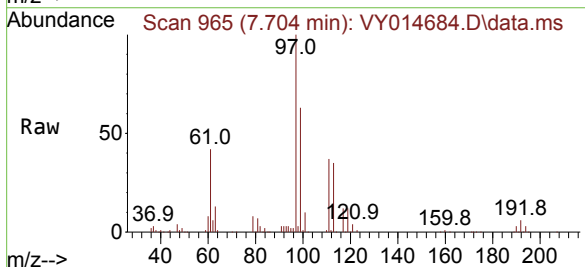
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

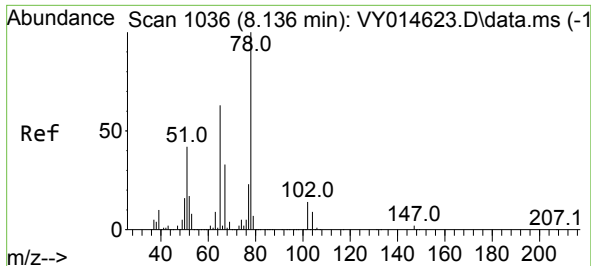
Tgt Ion: 56 Resp: 172470
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 89.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.487 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 97 Resp: 187454
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.9 35.1 52.7

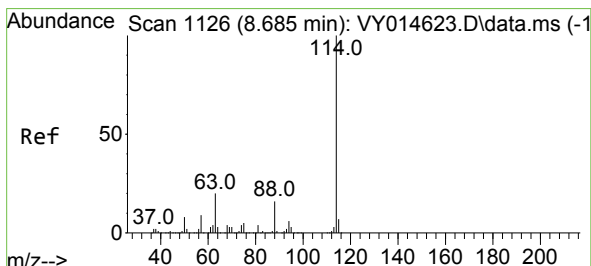
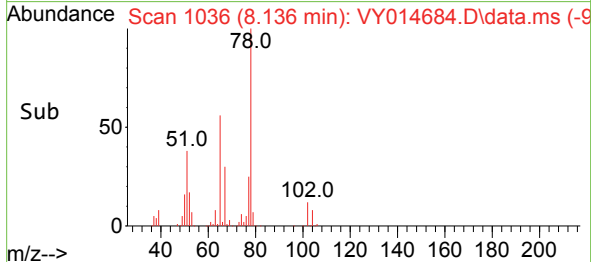
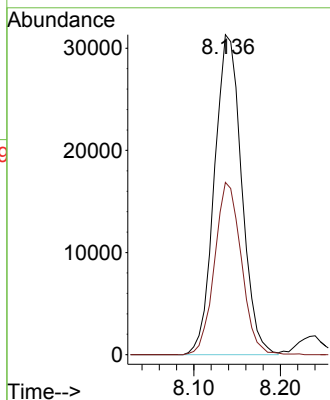
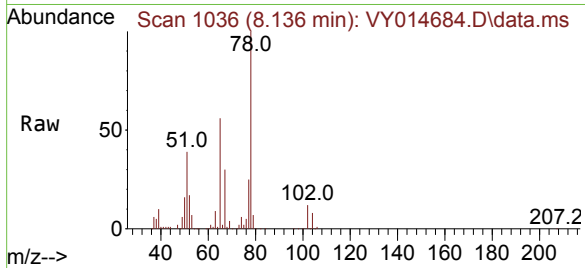




#33
 1,2-Dichloroethane-d4
 Concen: 29.927 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

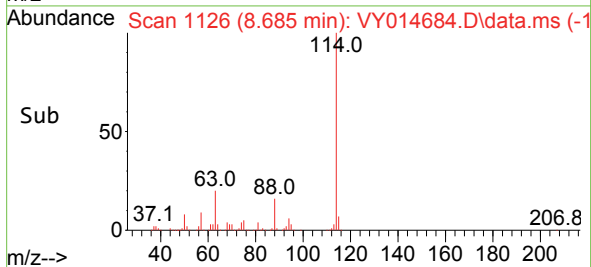
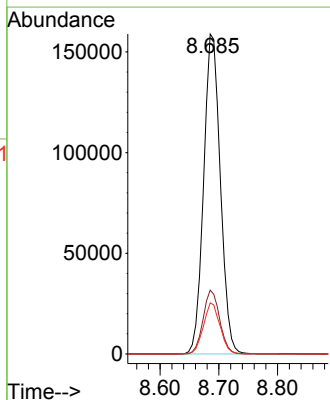
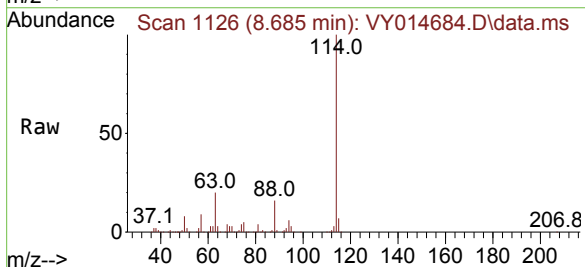
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MS

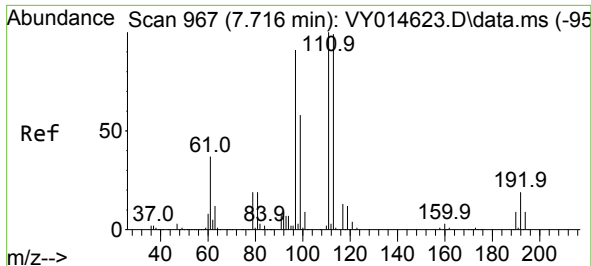
Tgt Ion: 65 Resp: 68430
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

Tgt Ion:114 Resp: 314084
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 16.0 0.0 30.6

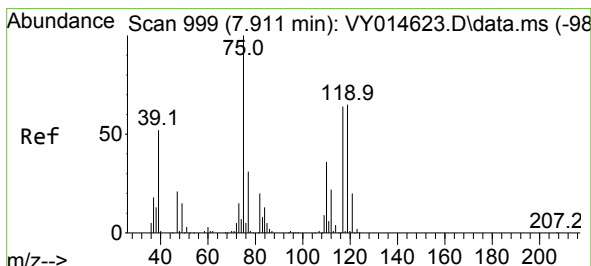
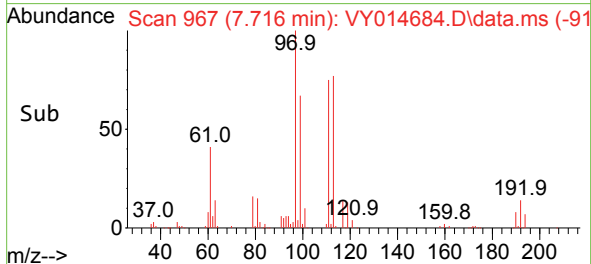
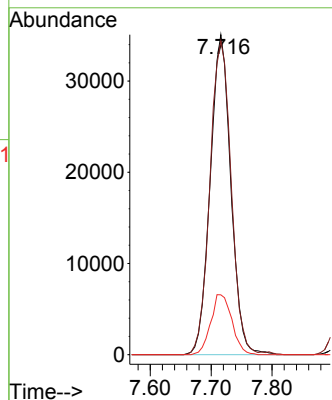
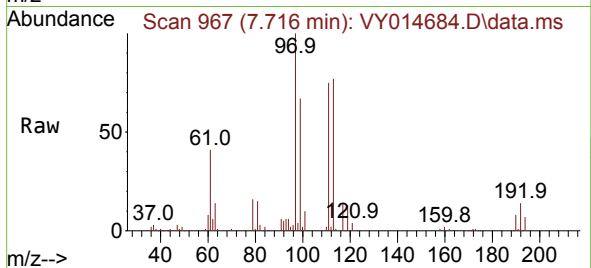




#35
 Dibromofluoromethane
 Concen: 41.291 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

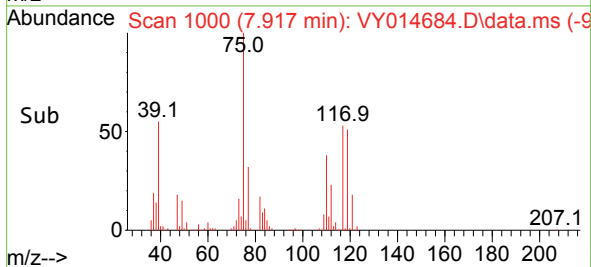
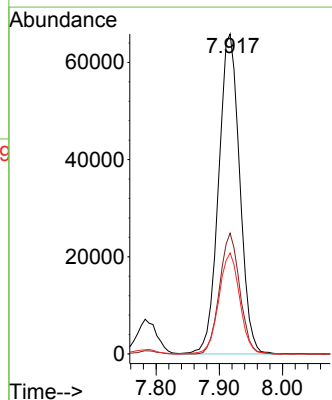
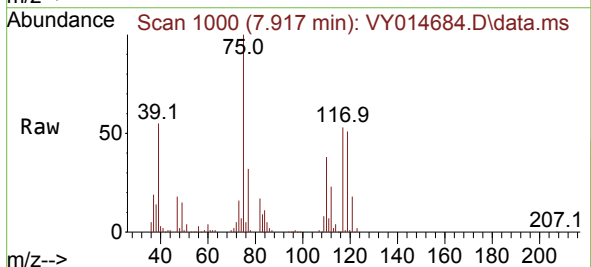
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MS

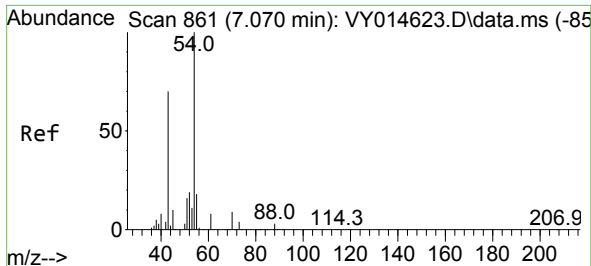
Tgt Ion:113 Resp: 82556
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.3 121.9
 192 19.3 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 50.893 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

Tgt Ion: 75 Resp: 152170
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.8 53.5
 77 31.3 24.4 36.6

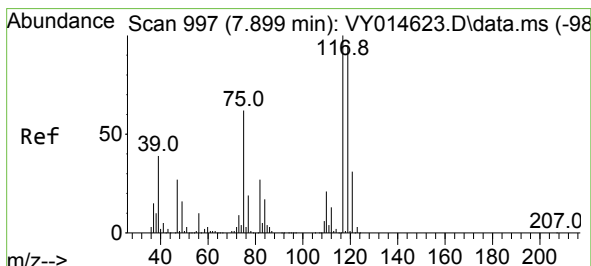
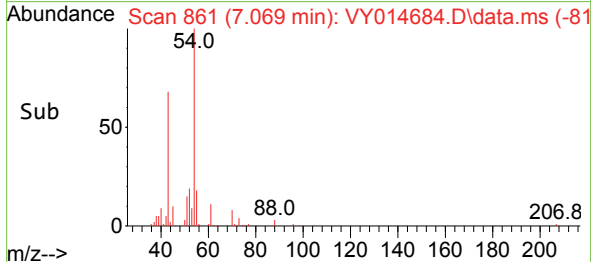
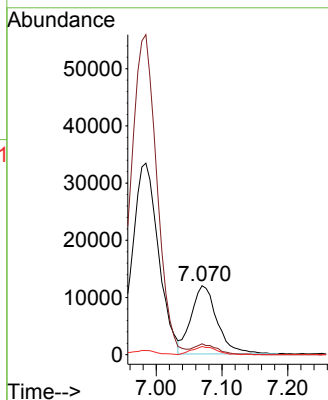
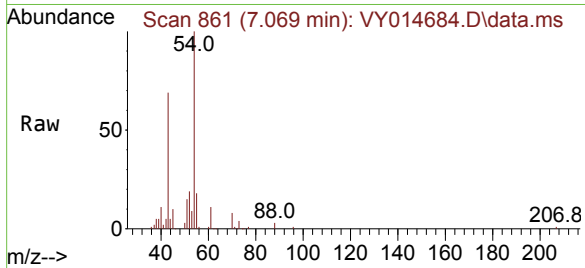




#37
Ethyl Acetate
Concen: 15.908 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

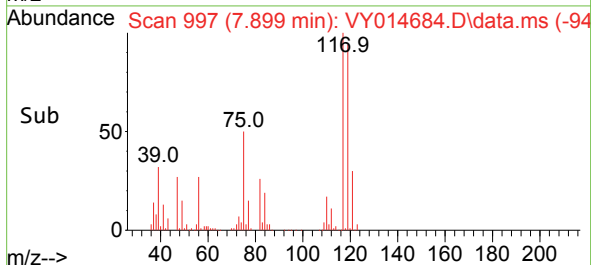
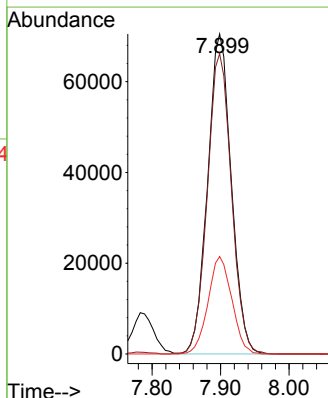
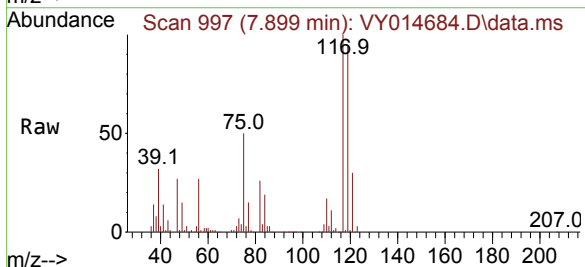
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

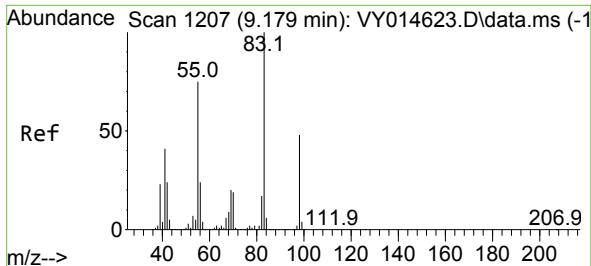
Tgt Ion: 43 Resp: 32748
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 11.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 53.558 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 117 Resp: 169282
Ion Ratio Lower Upper
117 100
119 93.8 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 49.157 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

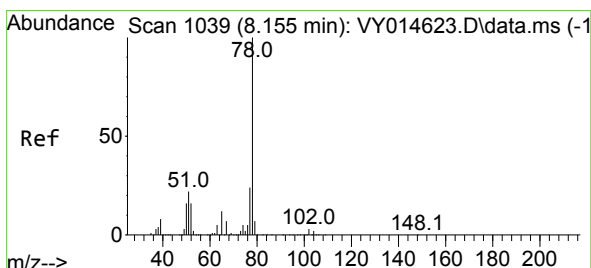
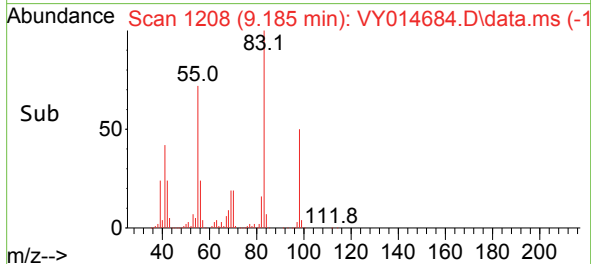
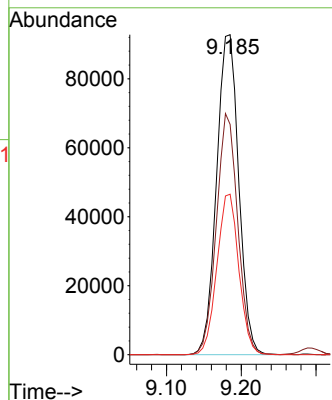
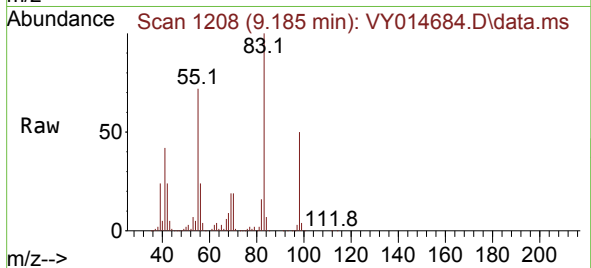
Tgt Ion: 83 Resp: 191488

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 45.708 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014684.D

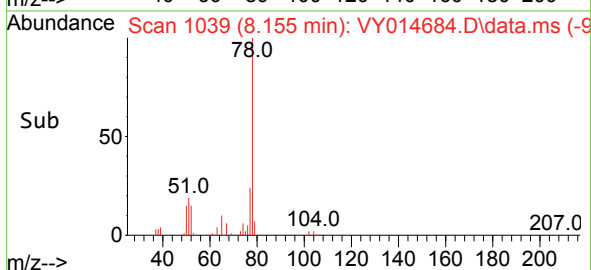
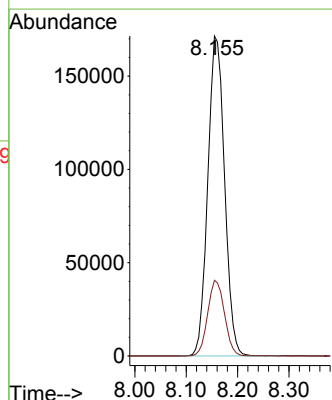
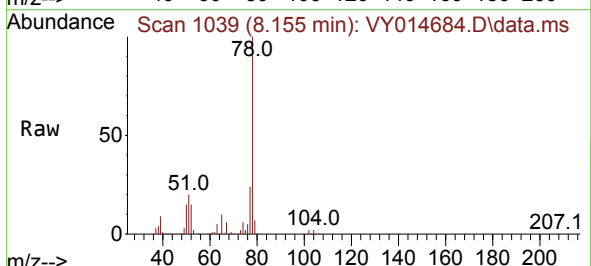
Acq: 17 Jul 2023 19:51

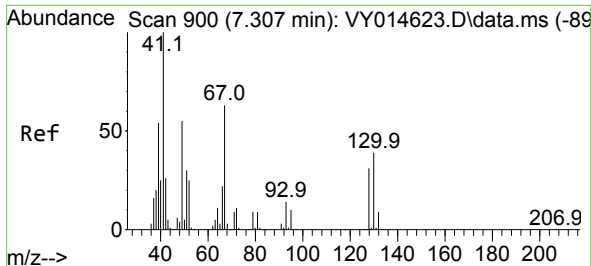
Tgt Ion: 78 Resp: 388686

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

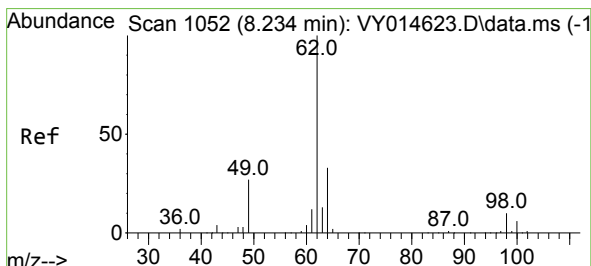
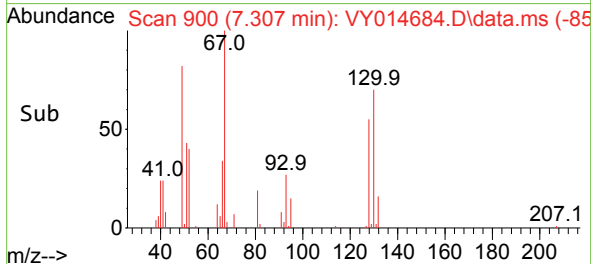
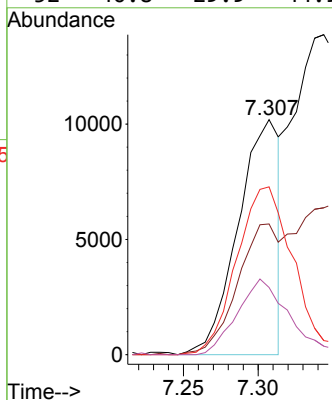
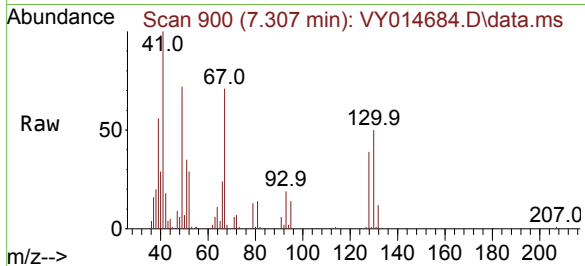




#41
Methacrylonitrile
Concen: 18.597 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

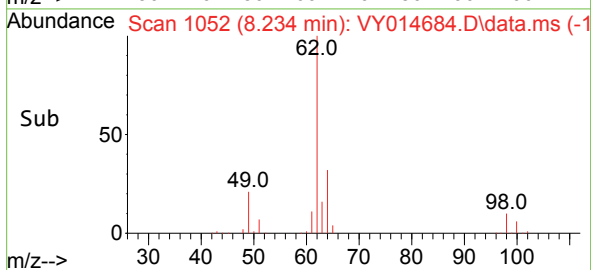
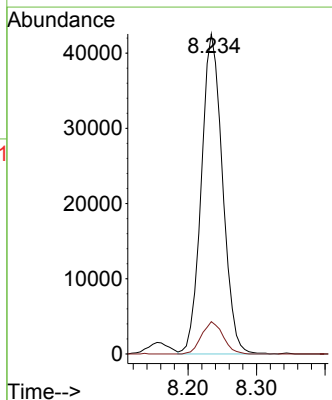
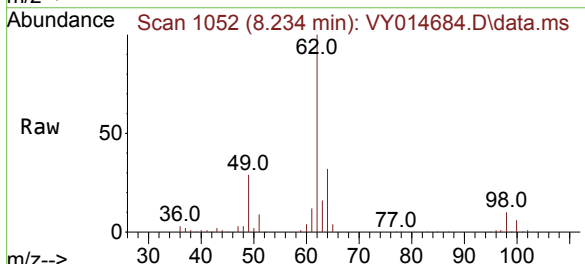
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

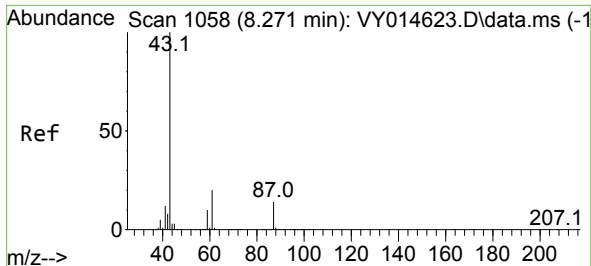
Tgt Ion:	41	Resp:	19692
Ion Ratio	Lower	Upper	
41	100		
39	55.5	52.1	78.1
67	98.1	66.2	99.2
52	40.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 34.025 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:	62	Resp:	91626
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	15.8

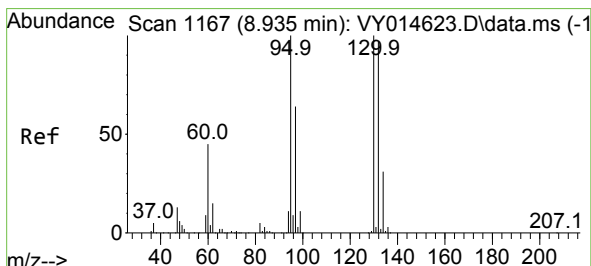
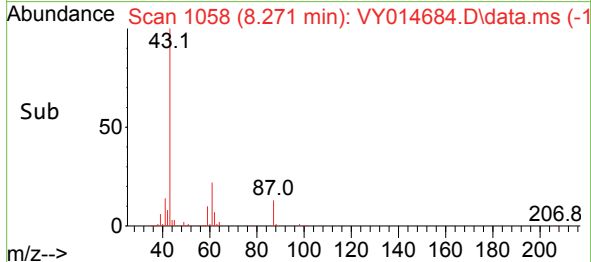
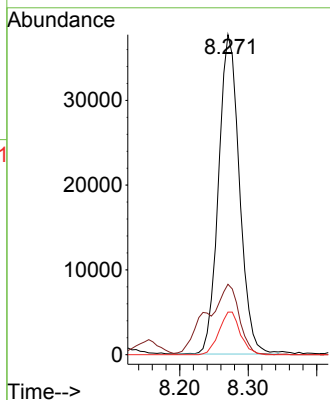
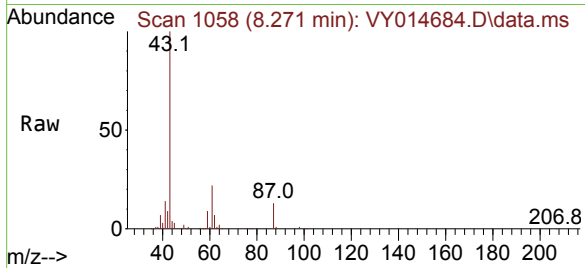




#43
Isopropyl Acetate
Concen: 20.318 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

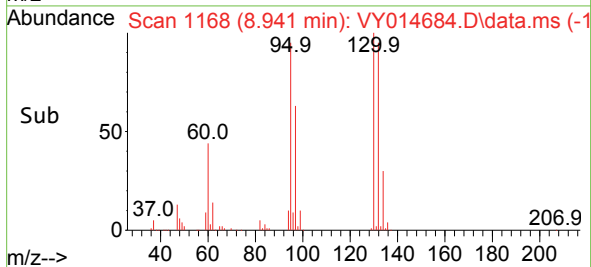
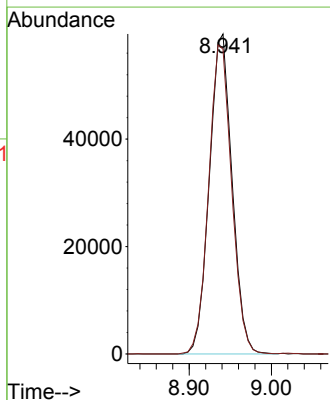
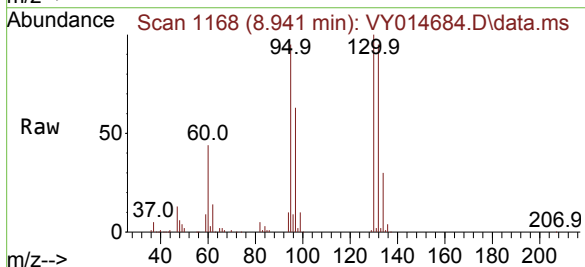
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

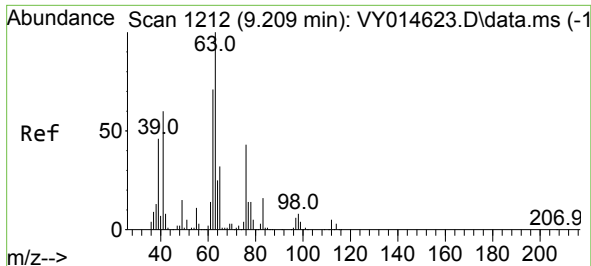
Tgt Ion: 43 Resp: 79675
Ion Ratio Lower Upper
43 100
61 34.2 21.1 31.7#
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 48.073 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:130 Resp: 114378
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 40.475 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

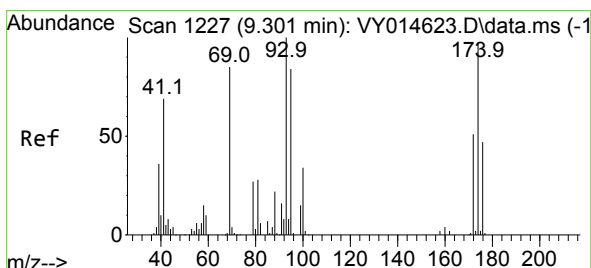
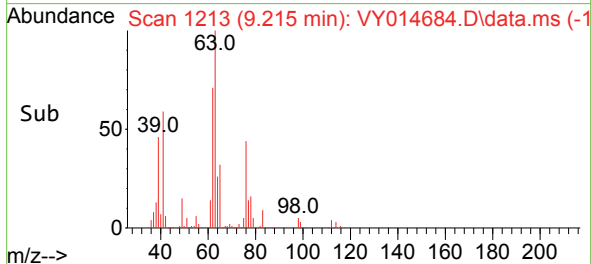
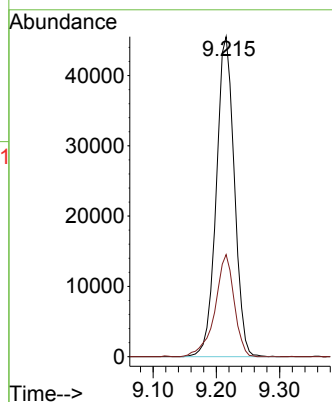
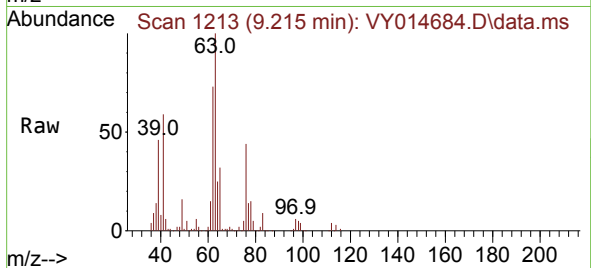
SB-02(2-4)MS

Tgt Ion: 63 Resp: 89875

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 31.289 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

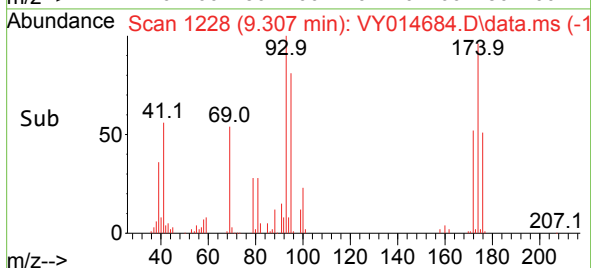
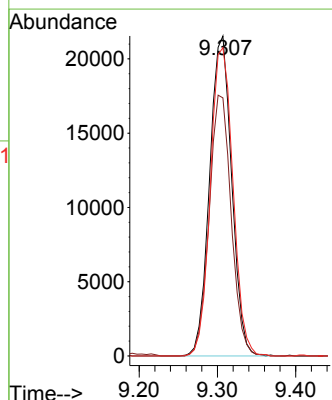
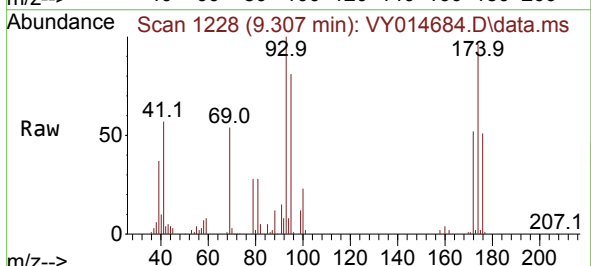
Tgt Ion: 93 Resp: 42149

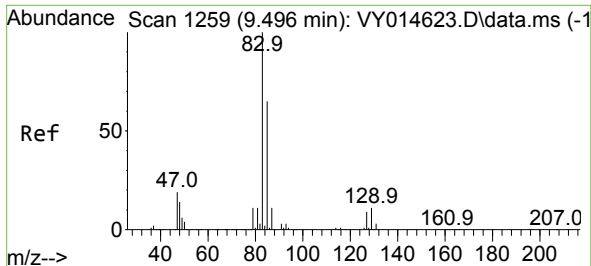
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 98.7 84.8 127.2

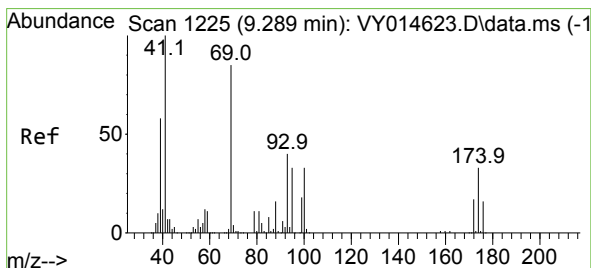
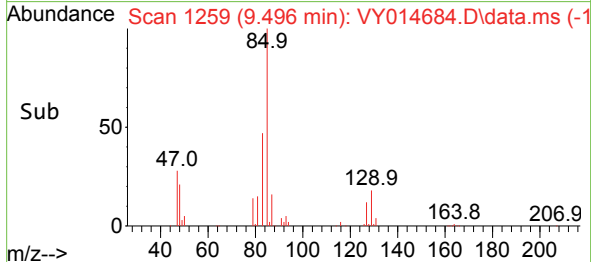
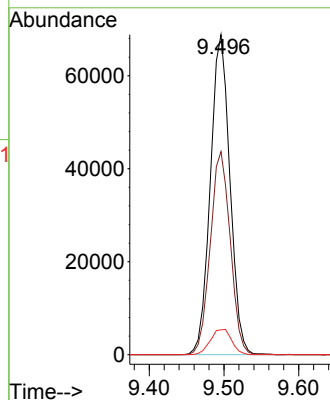
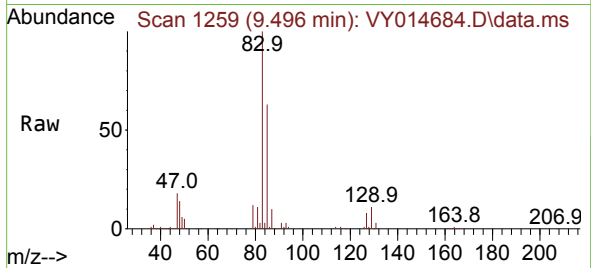




#47
Bromodichloromethane
Concen: 39.470 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

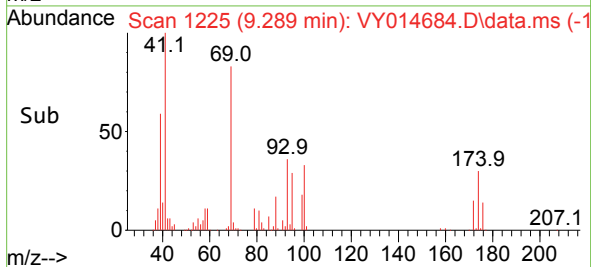
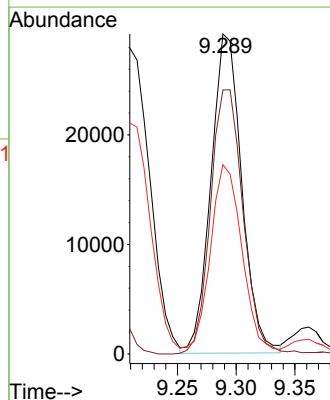
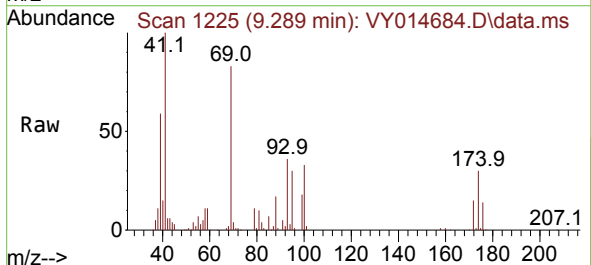
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

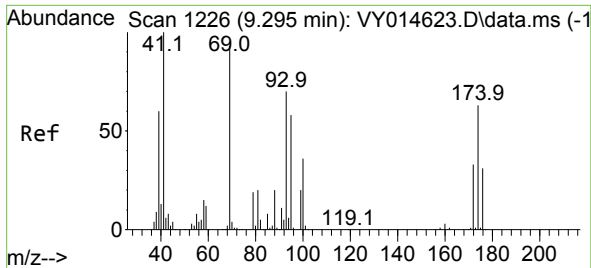
Tgt Ion: 83 Resp: 125315
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 30.171 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 41 Resp: 53239
Ion Ratio Lower Upper
41 100
69 87.3 64.5 96.7
39 57.8 50.8 76.2

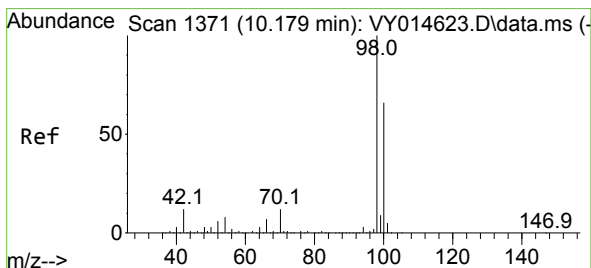
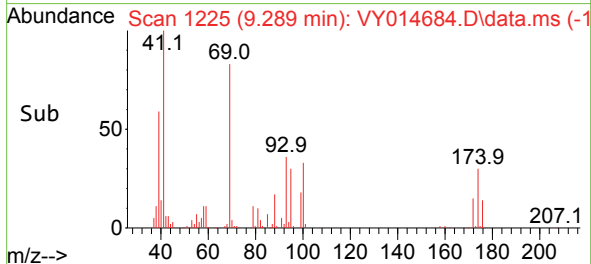
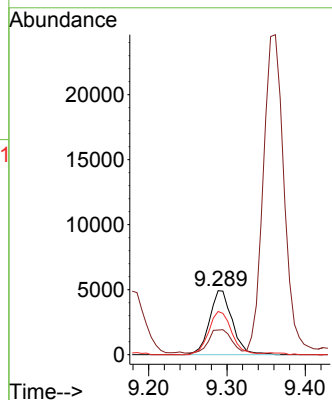
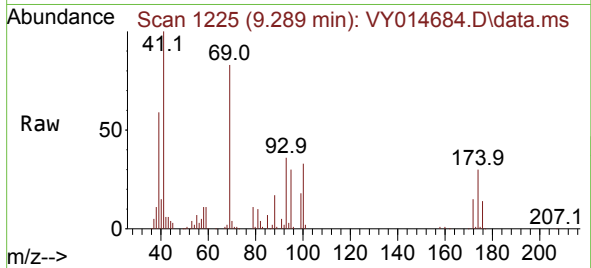




#49
1,4-Dioxane
Concen: 451.574 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

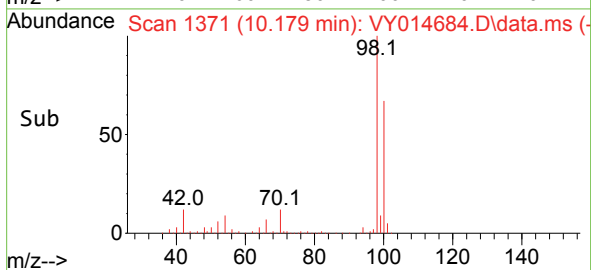
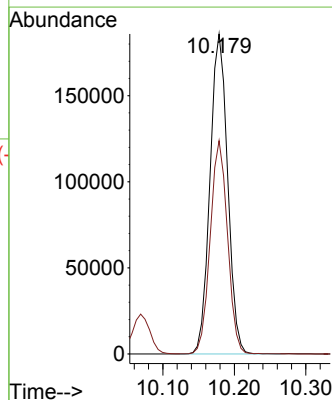
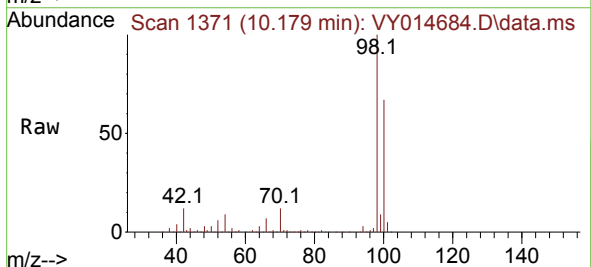
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

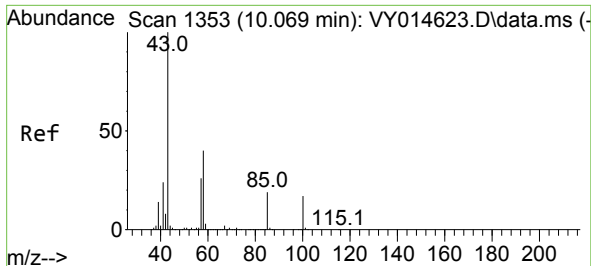
Tgt Ion: 88 Resp: 9919
Ion Ratio Lower Upper
88 100
43 35.8 0.0 0.0#
58 68.3 30.9 46.3#



#50
Toluene-d8
Concen: 43.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 98 Resp: 317522
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

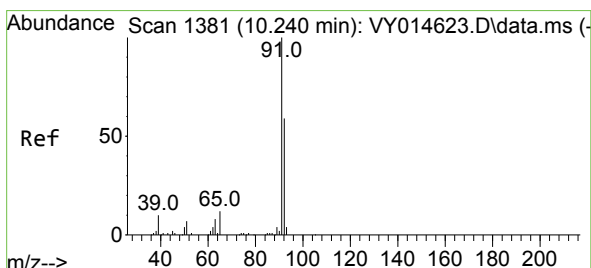
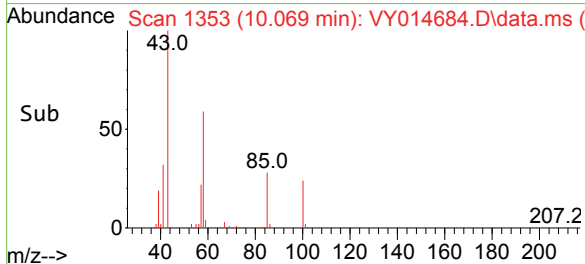
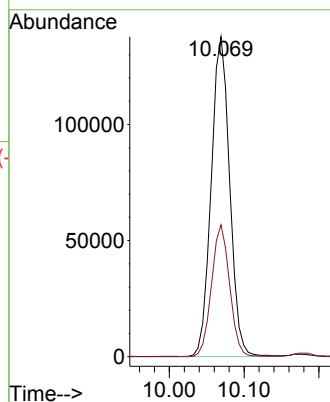
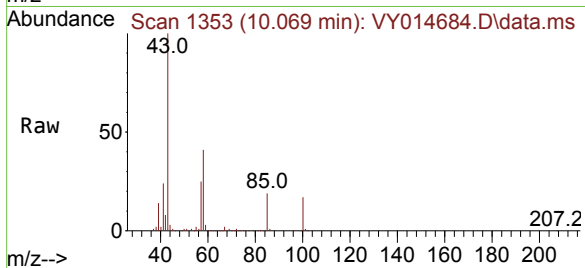




#51
4-Methyl-2-Pentanone
Concen: 115.147 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

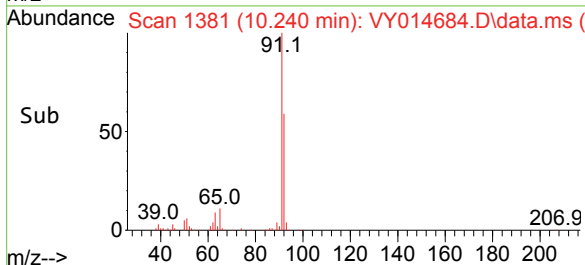
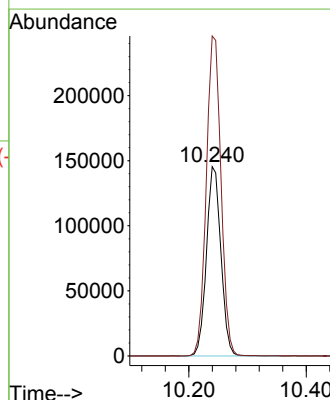
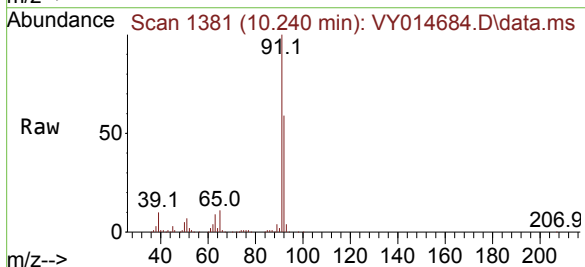
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

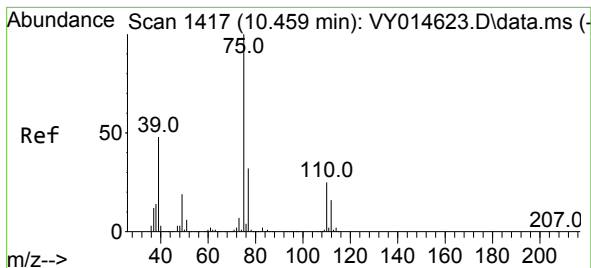
Tgt Ion: 43 Resp: 237083
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 45.521 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 92 Resp: 247706
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

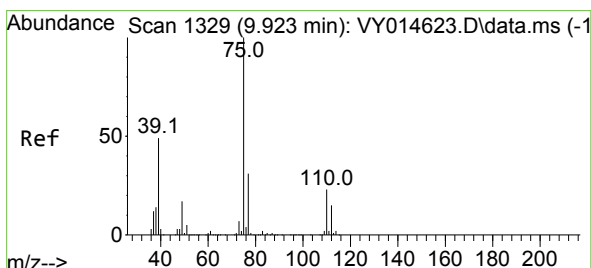
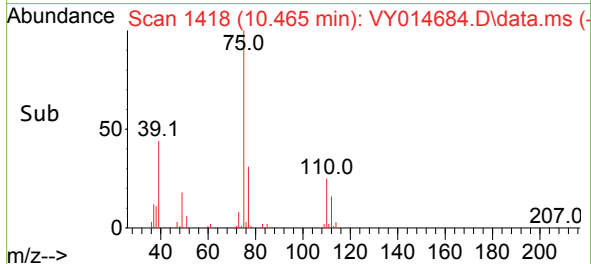
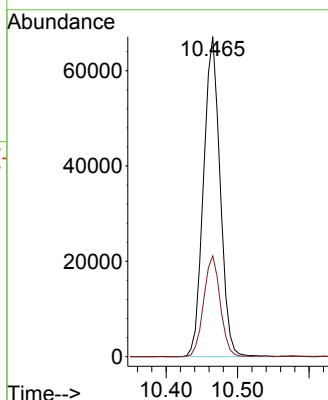
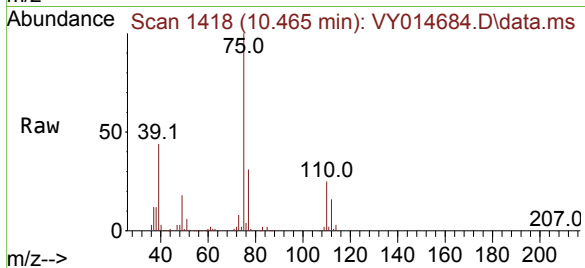




#53
 t-1,3-Dichloropropene
 Concen: 31.176 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

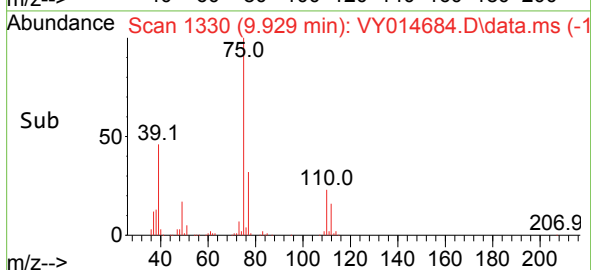
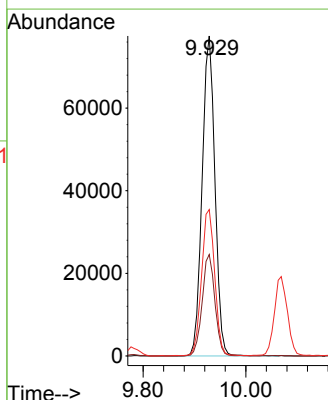
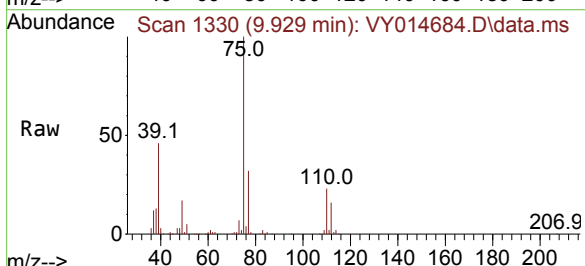
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02(2-4)MS

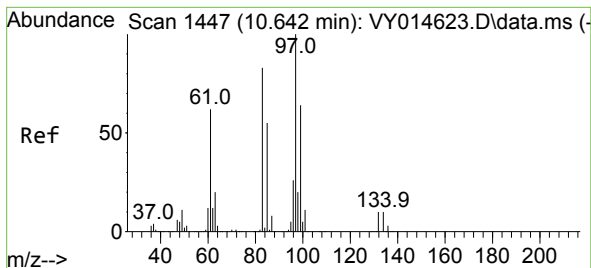
Tgt Ion: 75 Resp: 108271
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 35.372 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014684.D
 Acq: 17 Jul 2023 19:51

Tgt Ion: 75 Resp: 133585
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 45.6 42.2 63.4

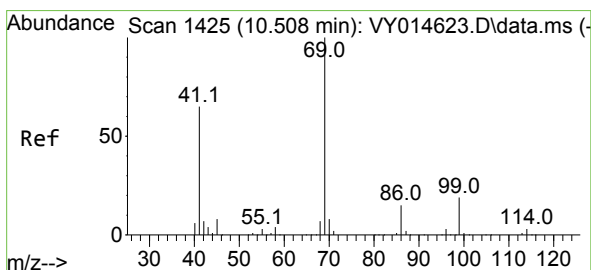
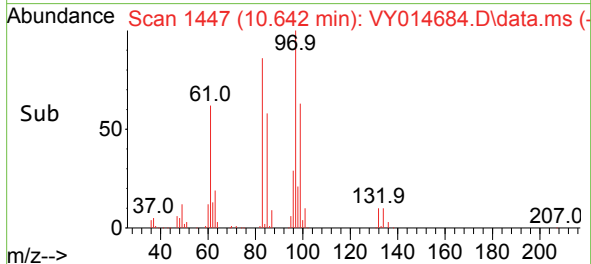
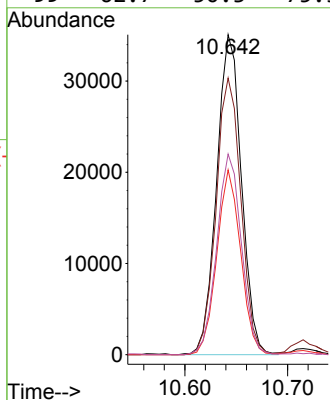
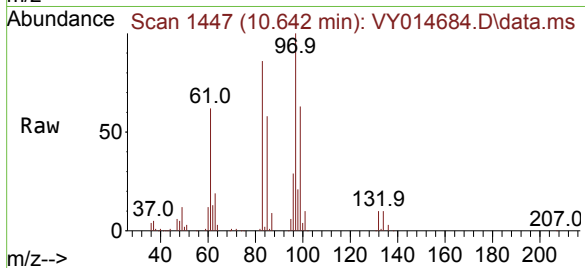




#55
1,1,2-Trichloroethane
Concen: 31.358 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

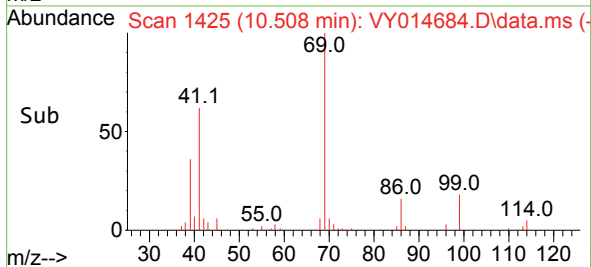
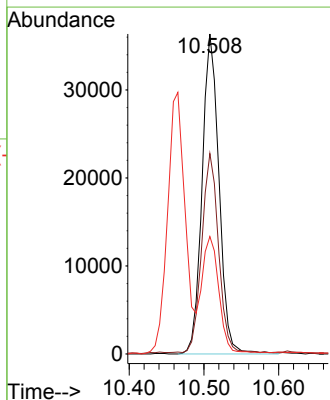
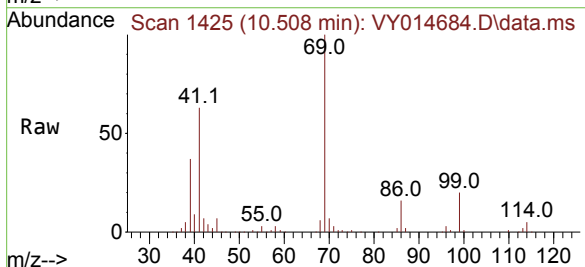
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

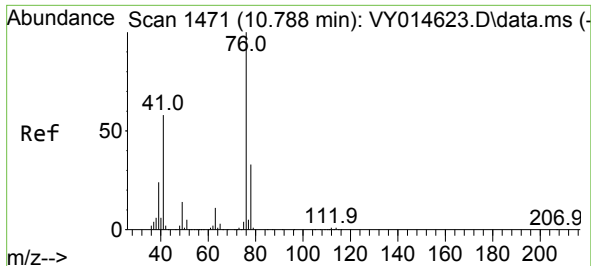
Tgt Ion: 97	Resp: 58841
Ion Ratio	Lower Upper
97 100	
83 86.4	72.0 108.0
85 57.7	45.4 68.0
99 62.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 19.949 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 69	Resp: 57154
Ion Ratio	Lower Upper
69 100	
41 61.6	57.6 86.4
39 35.8	34.1 51.1





#57

1,3-Dichloropropane

Concen: 31.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

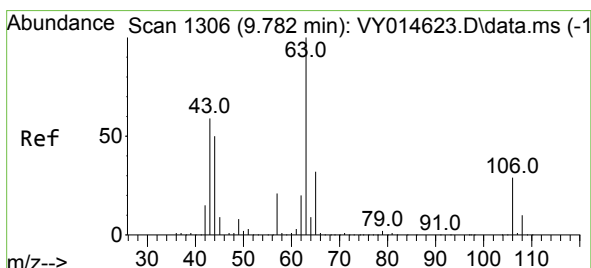
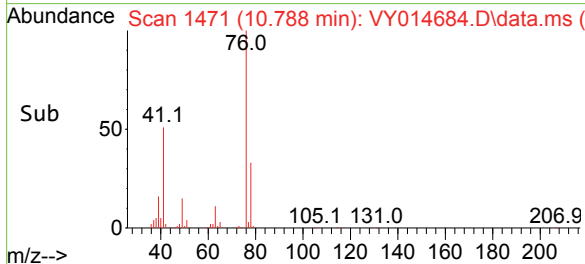
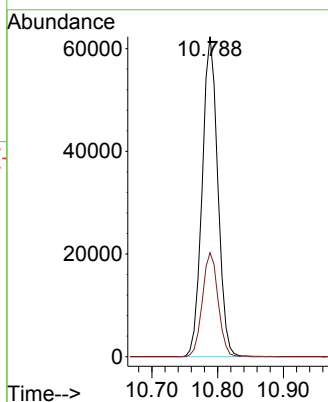
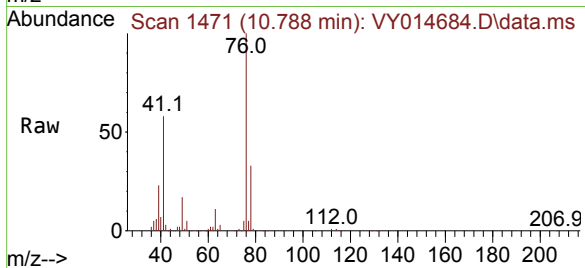
SB-02(2-4)MS

Tgt Ion: 76 Resp: 102852

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 130.054 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014684.D

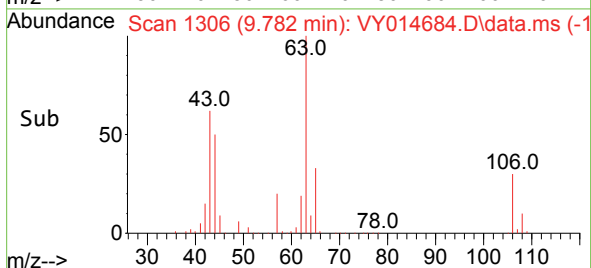
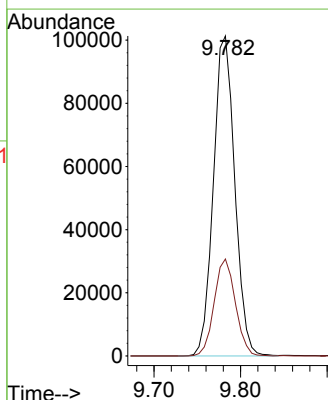
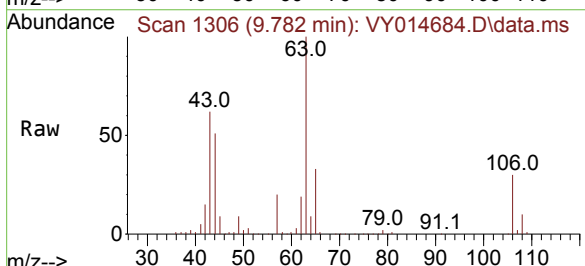
Acq: 17 Jul 2023 19:51

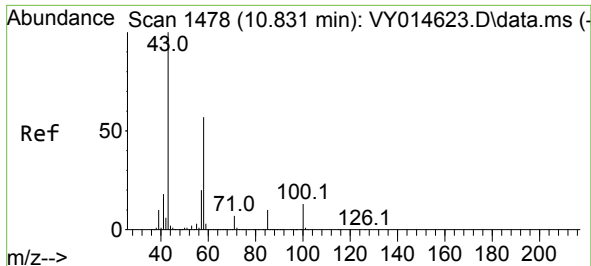
Tgt Ion: 63 Resp: 173613

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

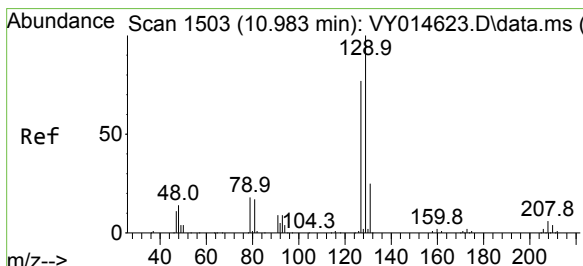
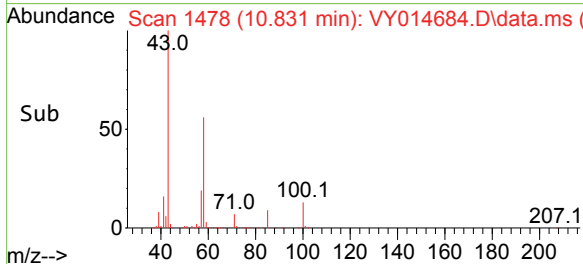
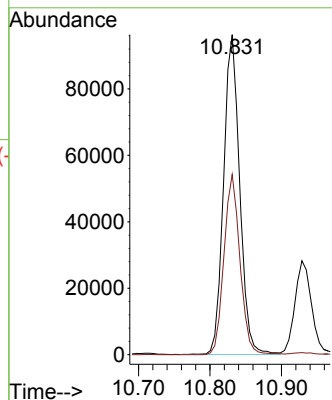
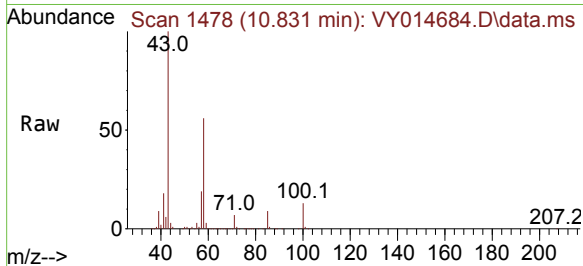




#59
2-Hexanone
Concen: 100.266 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

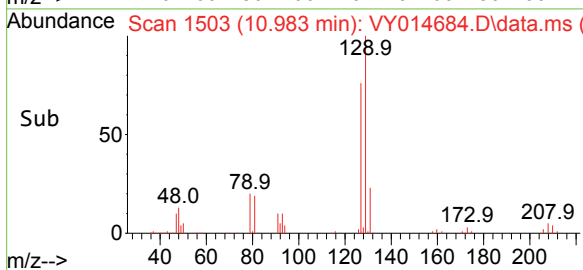
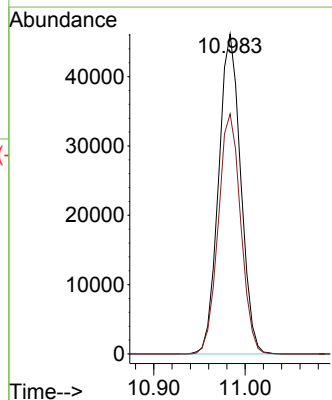
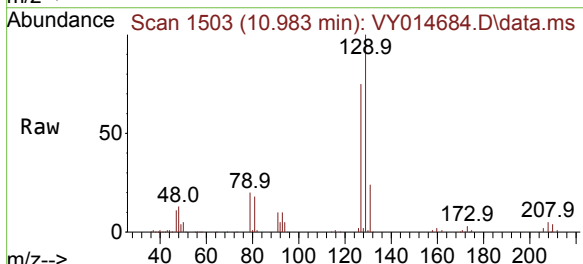
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

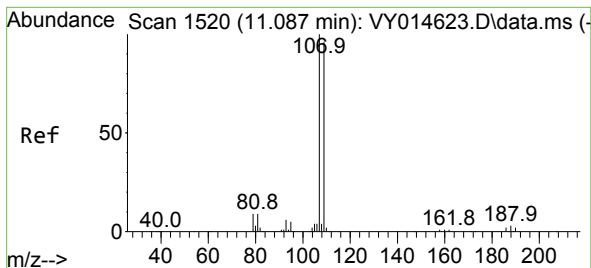
Tgt Ion: 43 Resp: 150549
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 33.711 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 129 Resp: 77556
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

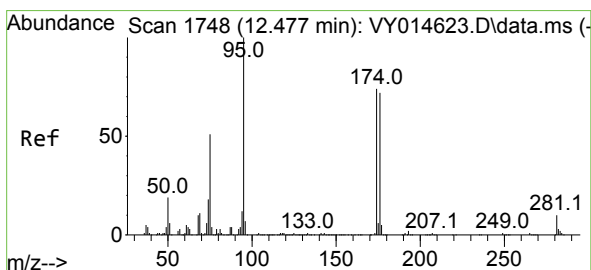
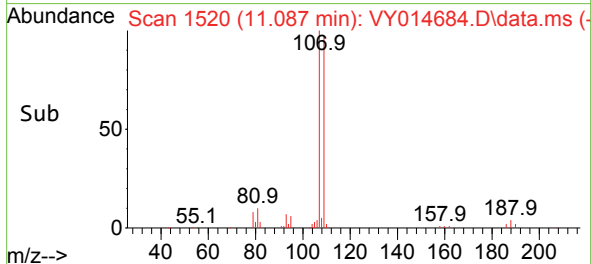
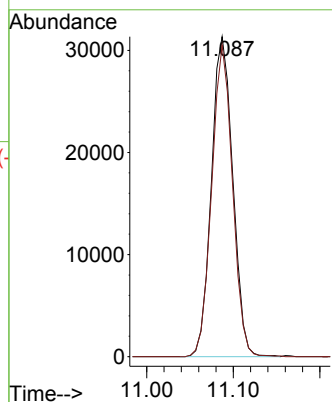
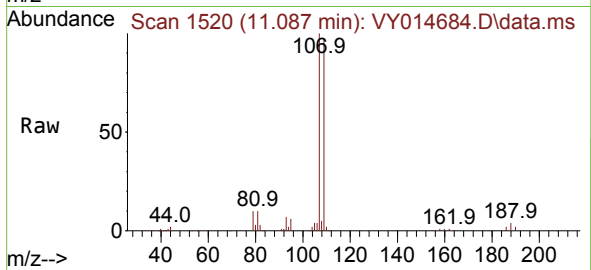




#61
1,2-Dibromoethane
Concen: 28.699 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

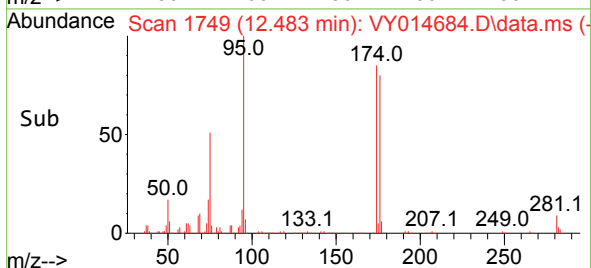
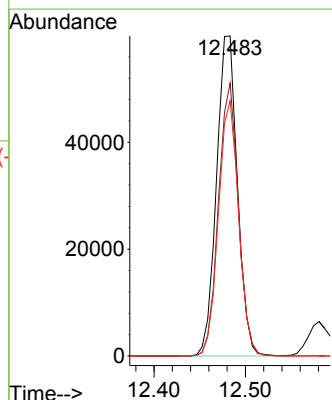
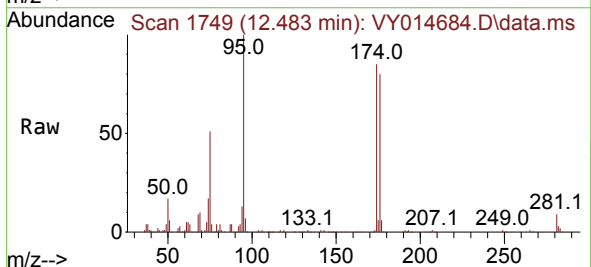
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

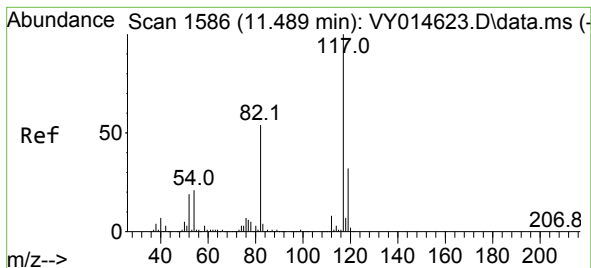
Tgt Ion:107 Resp: 53722
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 33.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 95 Resp: 95323
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 77.0 0.0 173.8

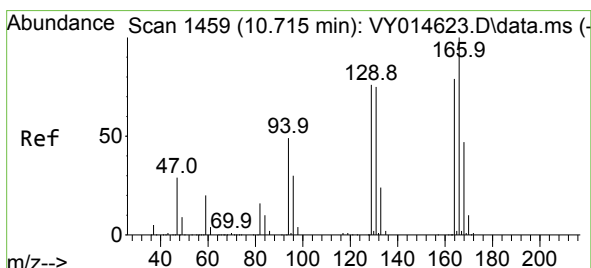
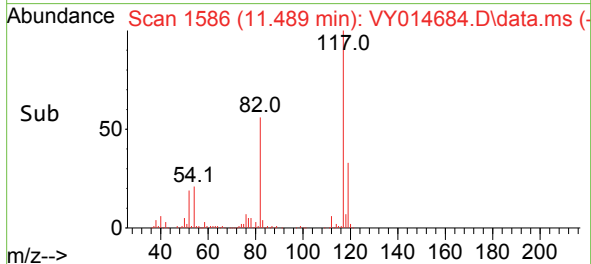
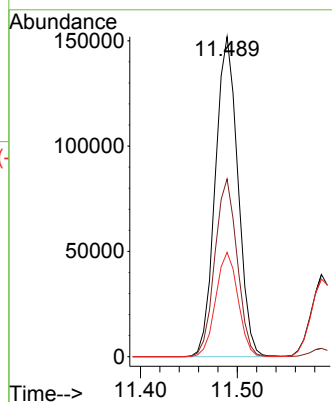
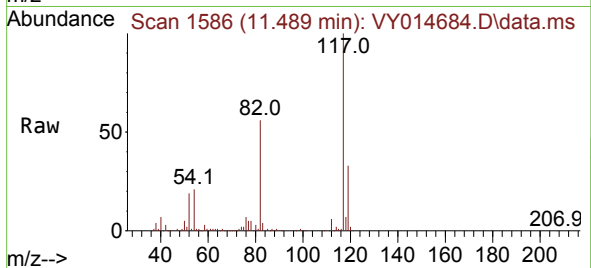




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

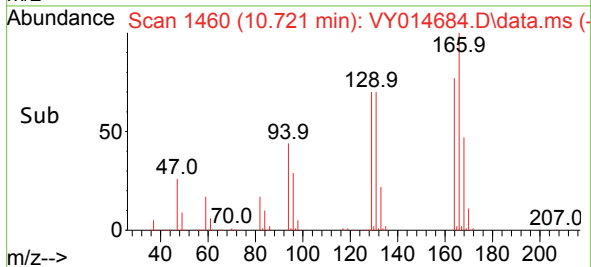
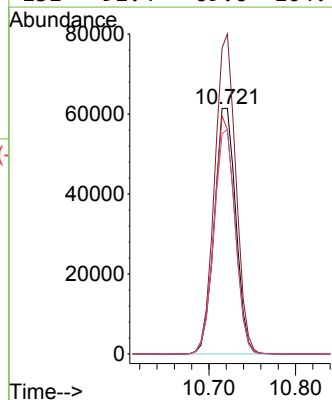
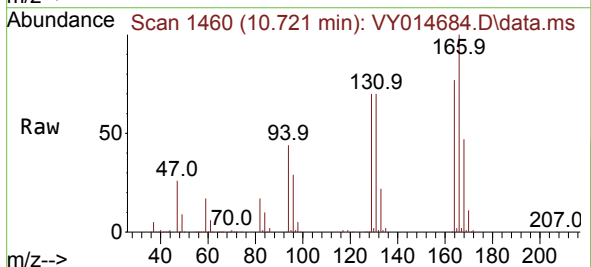
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

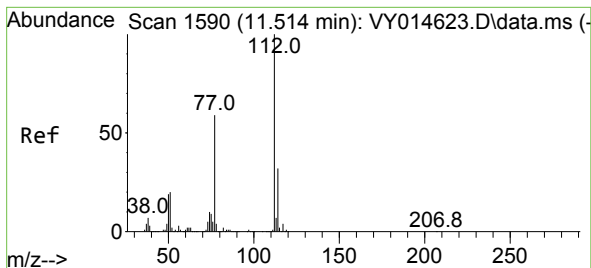
Tgt Ion:117 Resp: 246033
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 53.314 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:164 Resp: 105495
Ion Ratio Lower Upper
164 100
166 130.3 103.0 154.6
129 91.4 77.2 115.8
131 91.4 69.6 104.4





#65

Chlorobenzene

Concen: 46.814 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

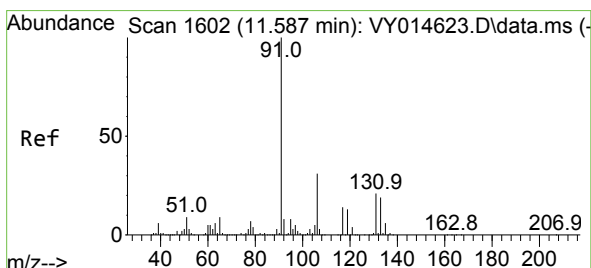
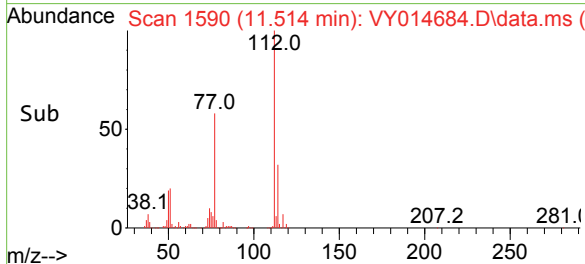
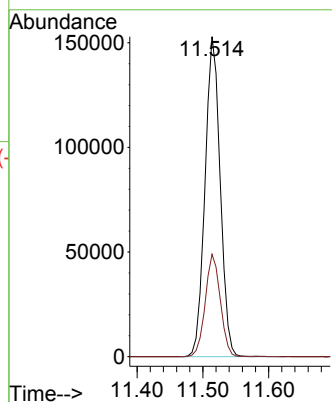
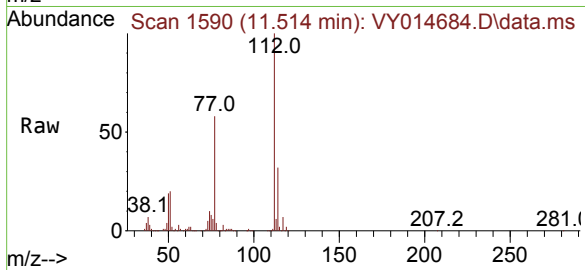
SB-02(2-4)MS

Tgt Ion:112 Resp: 245439

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 46.310 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

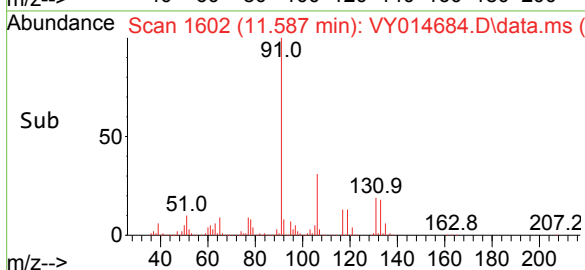
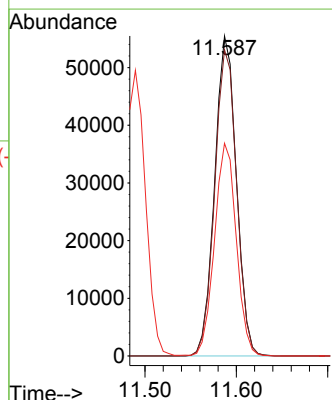
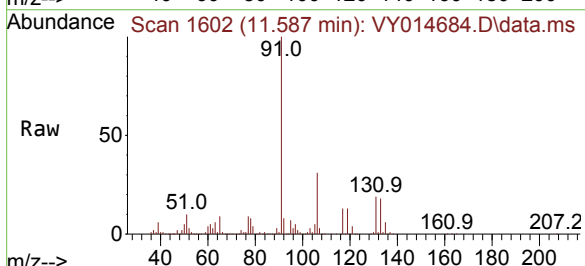
Tgt Ion:131 Resp: 91545

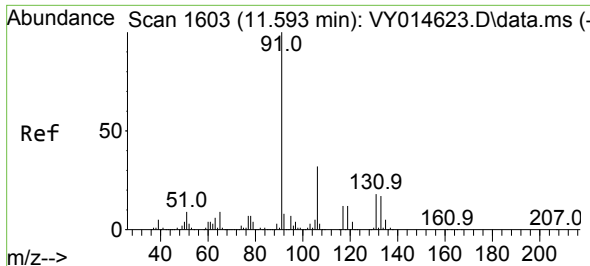
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.6

119 66.7 31.6 94.7

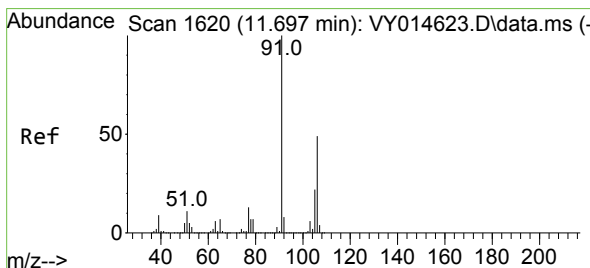
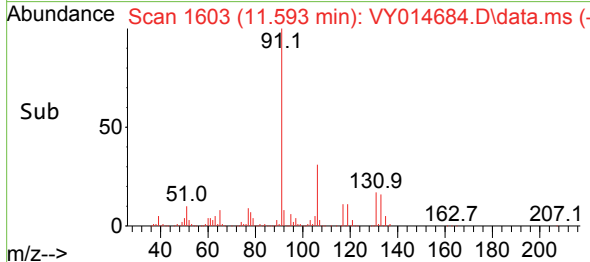
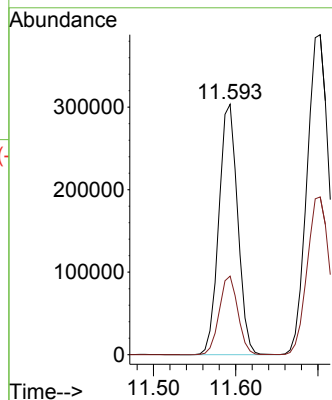
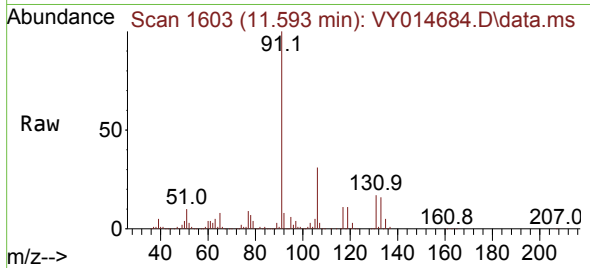




#67
Ethyl Benzene
Concen: 51.032 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

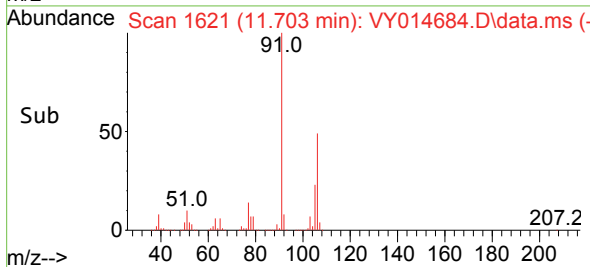
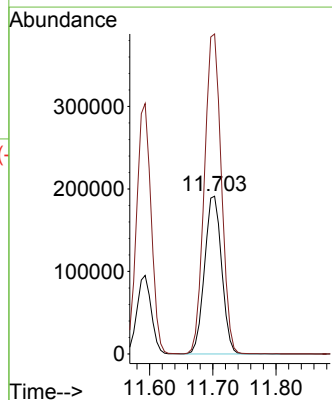
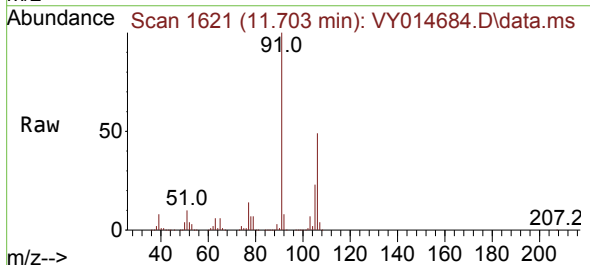
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

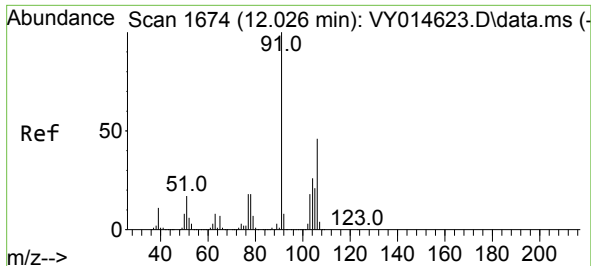
Tgt Ion: 91 Resp: 483071
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 99.645 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:106 Resp: 360060
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1

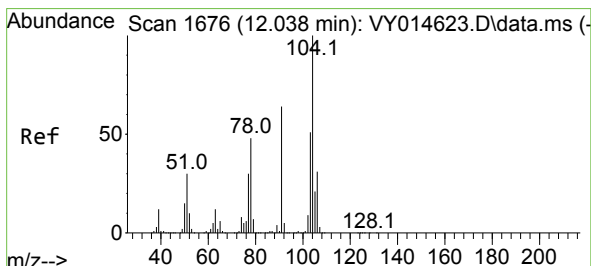
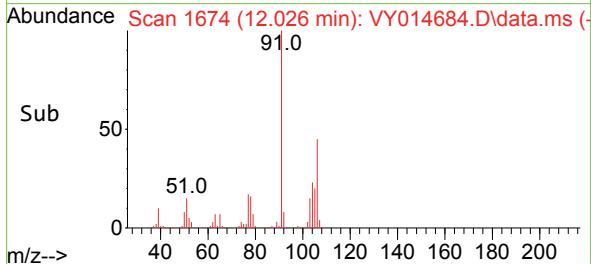
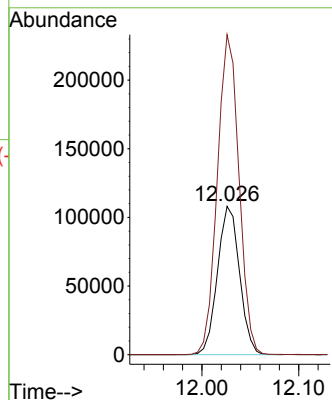
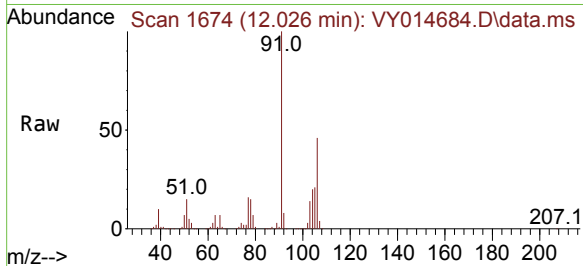




#69
o-Xylene
Concen: 48.551 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

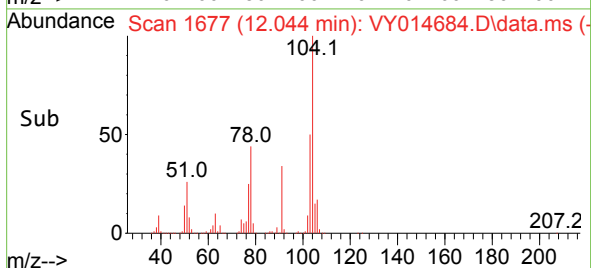
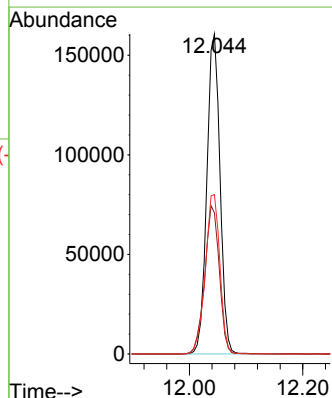
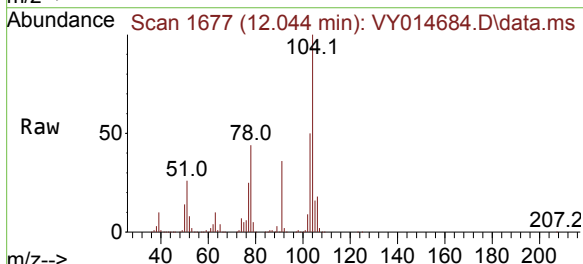
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

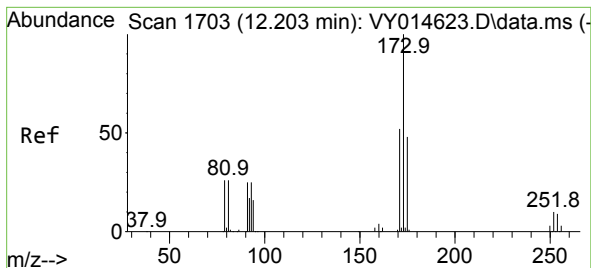
Tgt Ion:106 Resp: 170878
Ion Ratio Lower Upper
106 100
91 212.2 108.1 324.3



#70
Styrene
Concen: 43.744 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:104 Resp: 259483
Ion Ratio Lower Upper
104 100
78 51.3 41.5 62.3
103 55.1 44.6 67.0





#71

Bromoform

Concen: 31.424 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

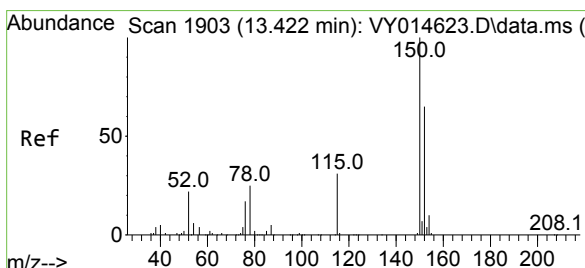
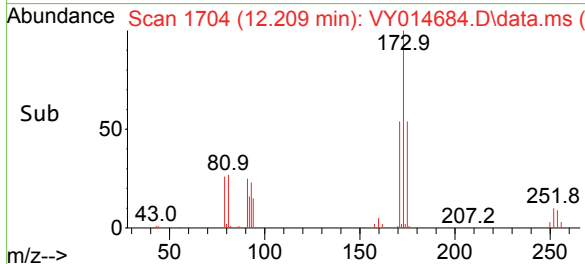
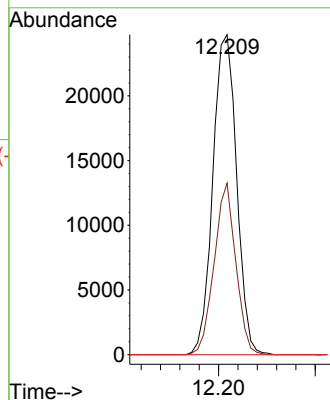
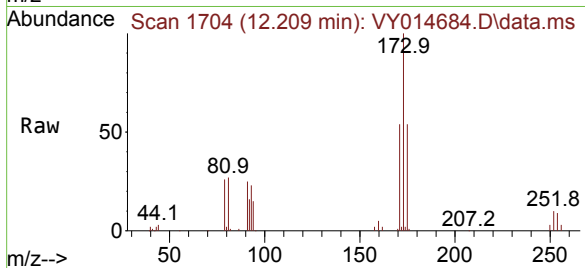
Tgt Ion:173 Resp: 42106

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

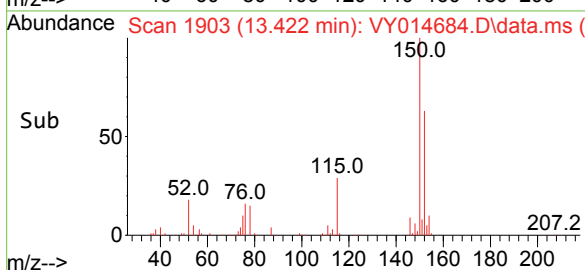
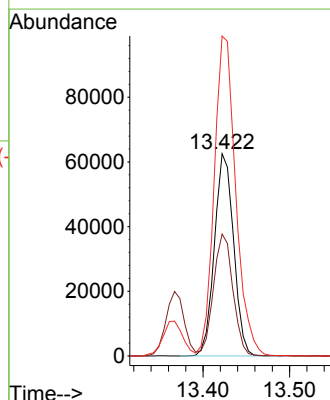
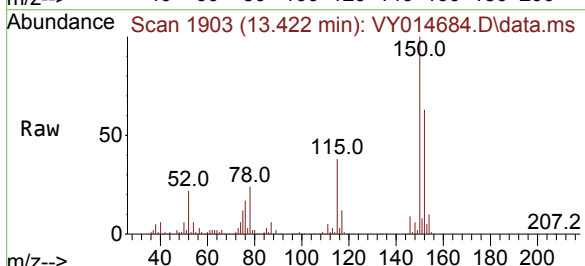
Tgt Ion:152 Resp: 96285

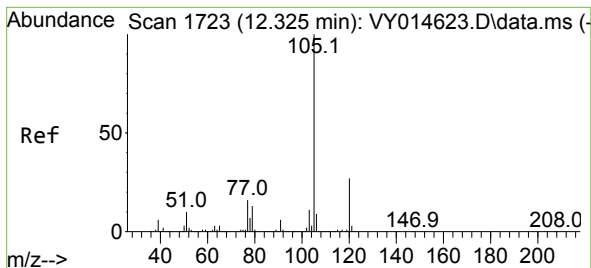
Ion Ratio Lower Upper

152 100

115 60.8 28.8 86.5

150 177.2 0.0 348.8





#73

Isopropylbenzene

Concen: 63.624 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

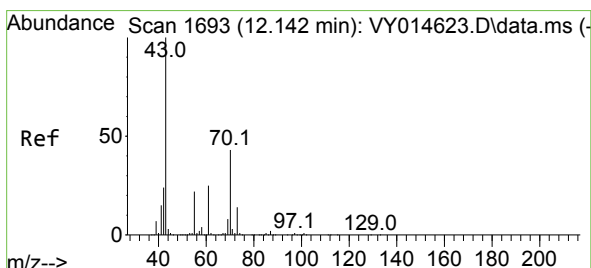
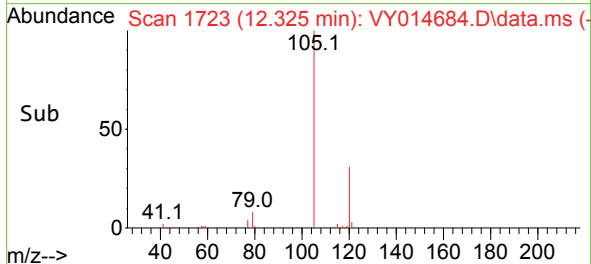
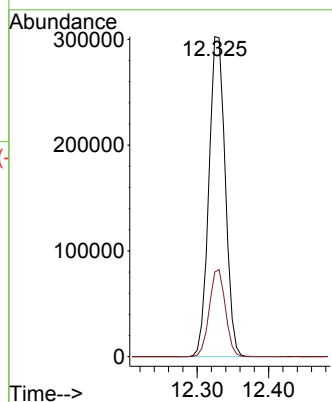
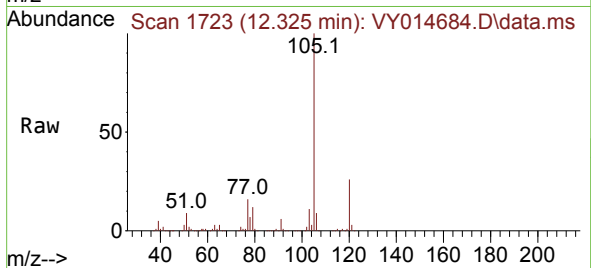
SB-02(2-4)MS

Tgt Ion:105 Resp: 479669

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 14.718 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Tgt Ion: 43 Resp: 37163

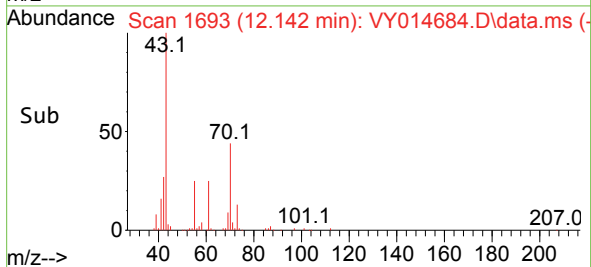
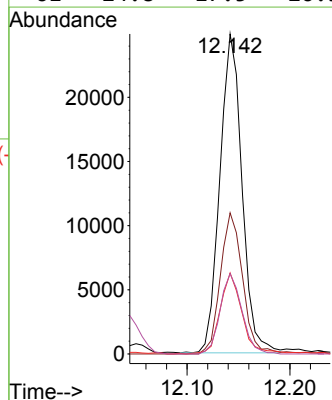
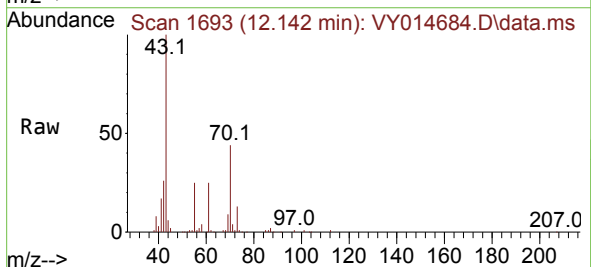
Ion Ratio Lower Upper

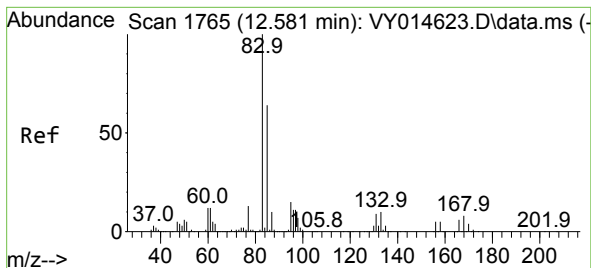
43 100

70 45.0 29.7 44.5#

55 25.3 18.3 27.5

61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 36.578 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

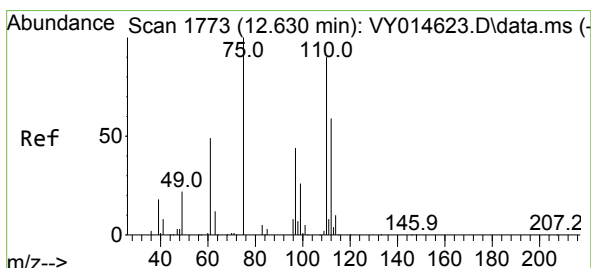
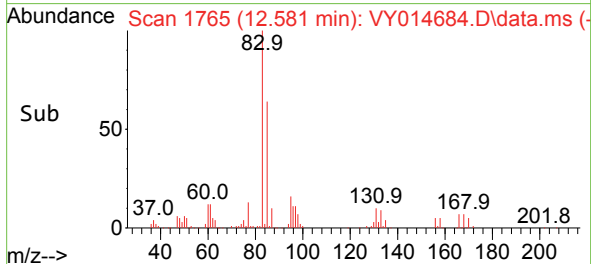
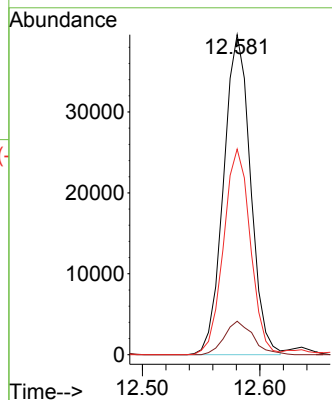
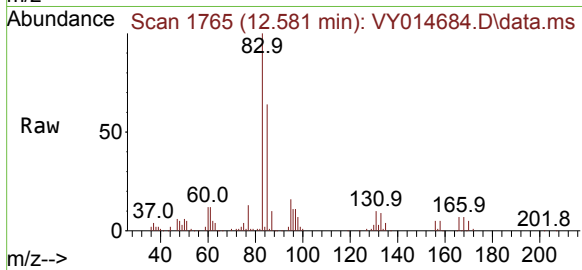
Tgt Ion: 83 Resp: 62887

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 63.121 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY014684.D

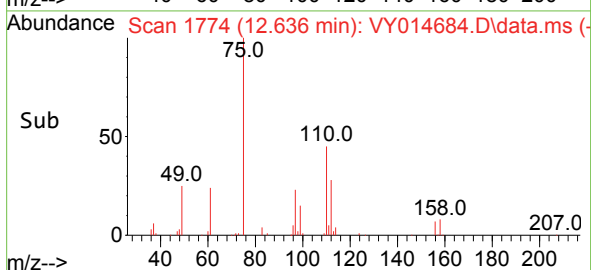
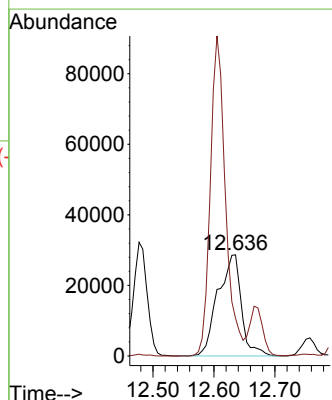
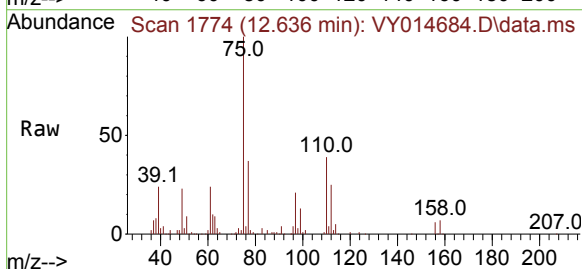
Acq: 17 Jul 2023 19:51

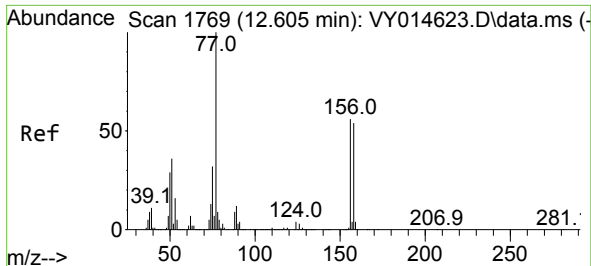
Tgt Ion: 75 Resp: 76758

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

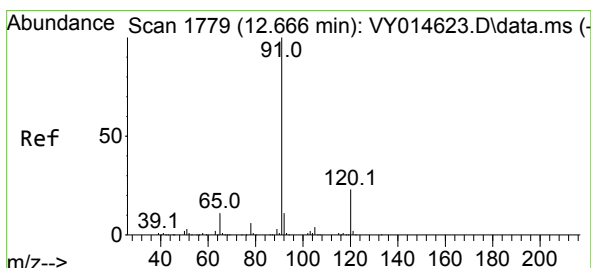
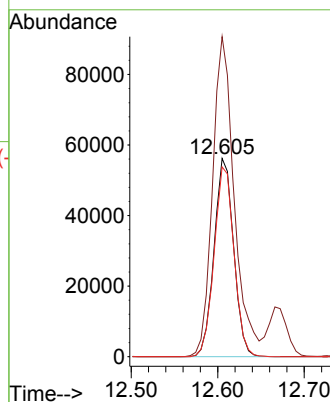
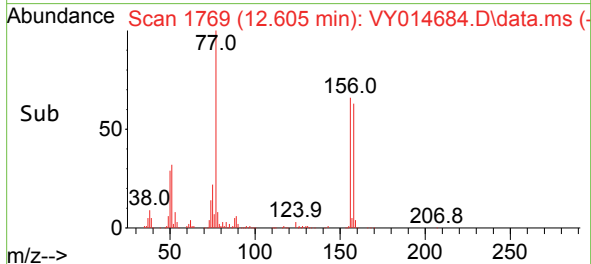
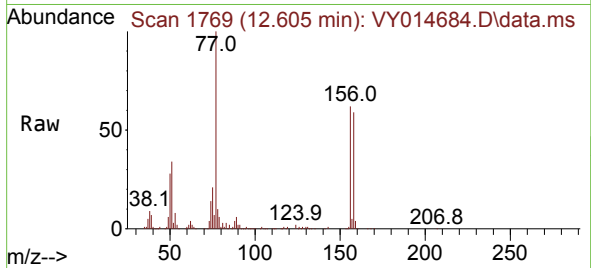




#77
Bromobenzene
Concen: 51.167 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

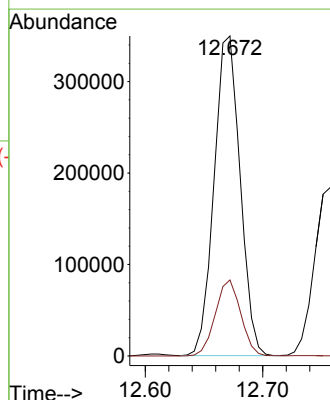
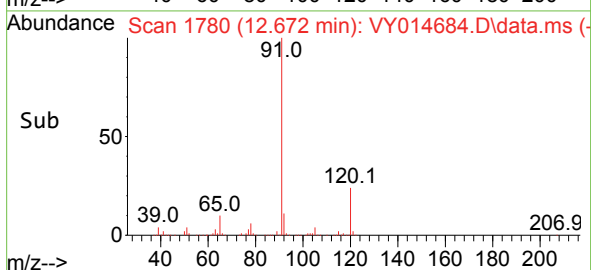
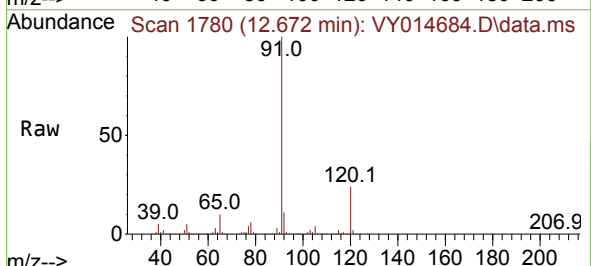
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

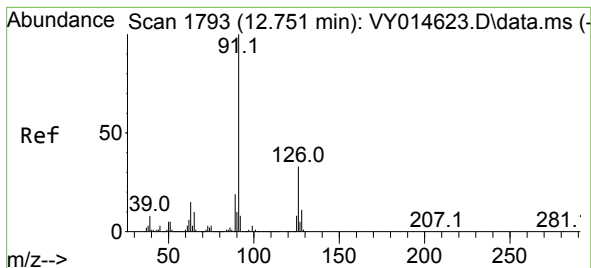
Tgt Ion:156 Resp: 88055
Ion Ratio Lower Upper
156 100
77 178.6 92.8 278.6
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 59.222 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 91 Resp: 538014
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

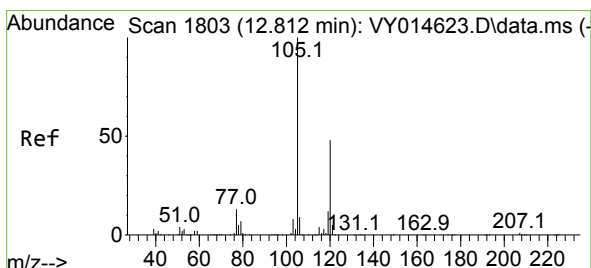
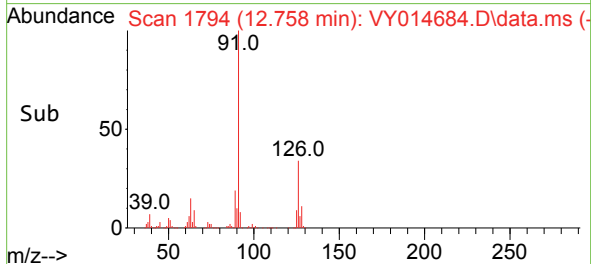
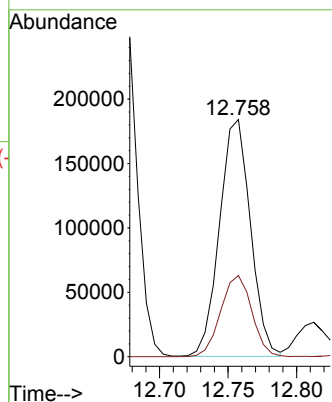
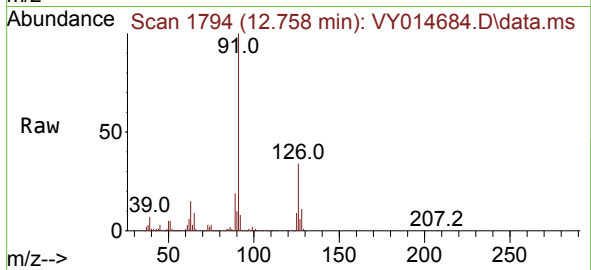




#79
2-Chlorotoluene
Concen: 55.323 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

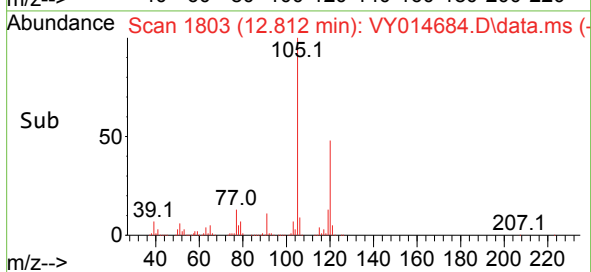
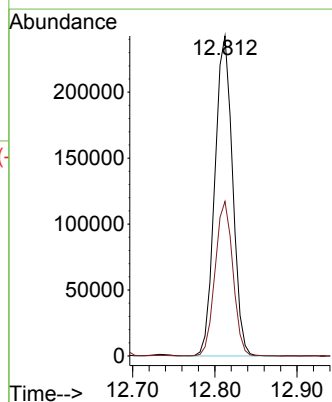
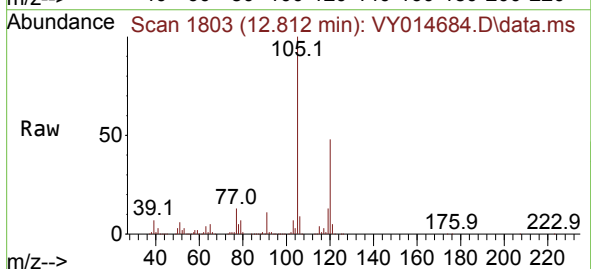
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

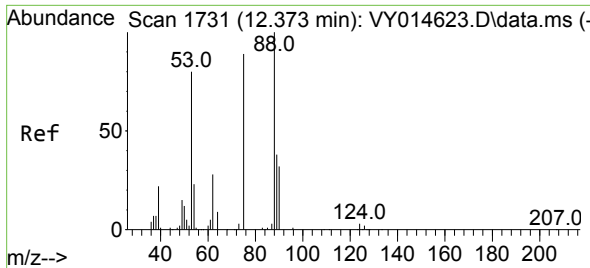
Tgt Ion: 91 Resp: 289487
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.768 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 105 Resp: 363725
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

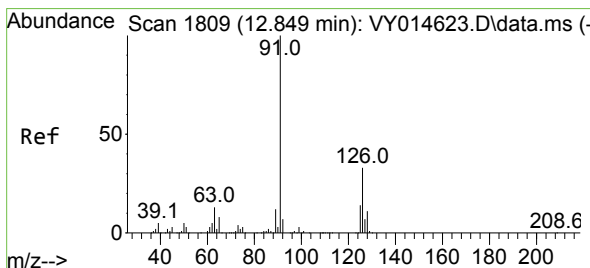
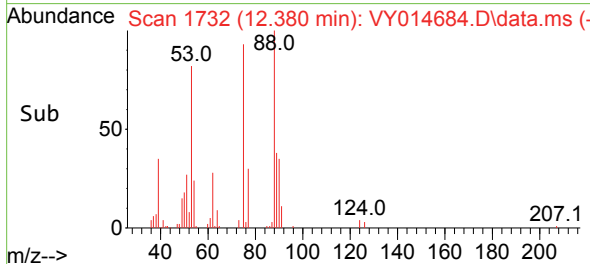
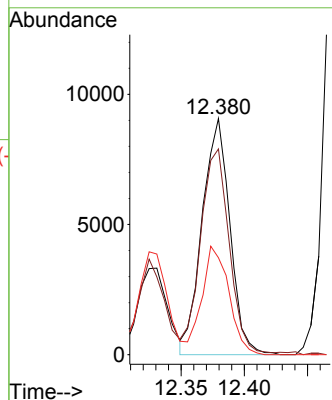
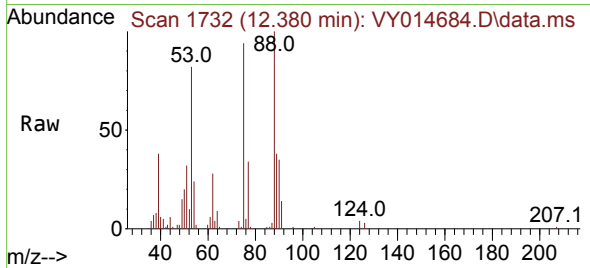




#81
trans-1,4-Dichloro-2-butene
Concen: 22.077 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

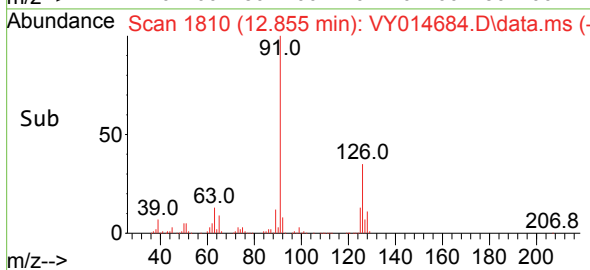
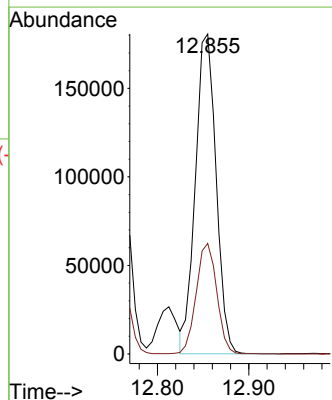
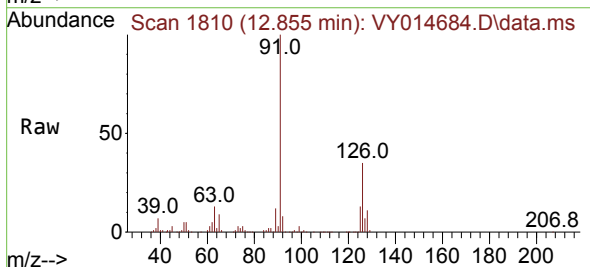
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

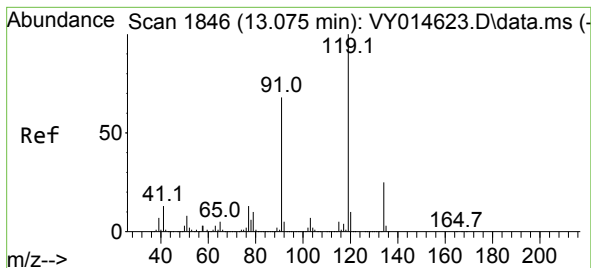
Tgt Ion: 75 Resp: 13866
Ion Ratio Lower Upper
75 100
53 88.3 77.8 116.8
89 44.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.762 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion: 91 Resp: 284339
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 62.255 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

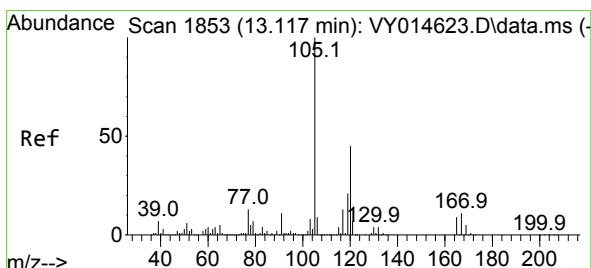
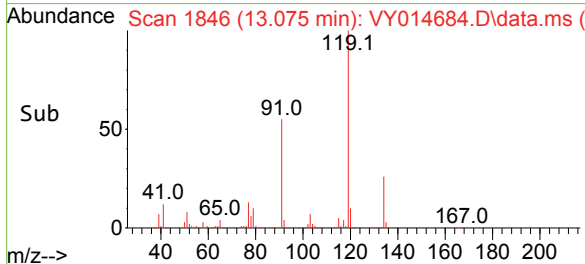
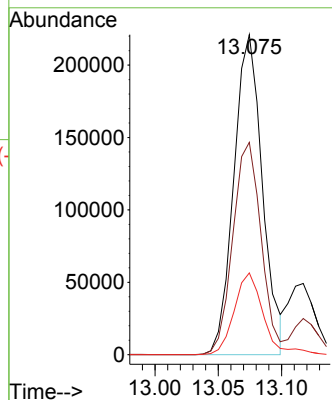
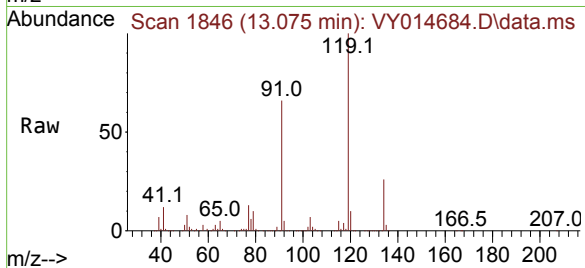
Tgt Ion:119 Resp: 347710

Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.514 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014684.D

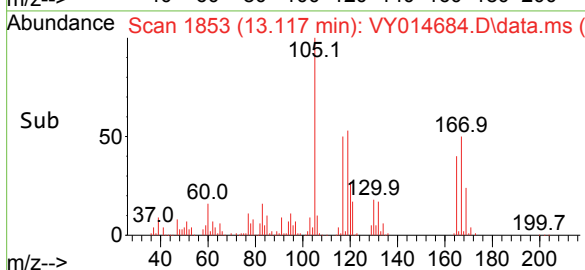
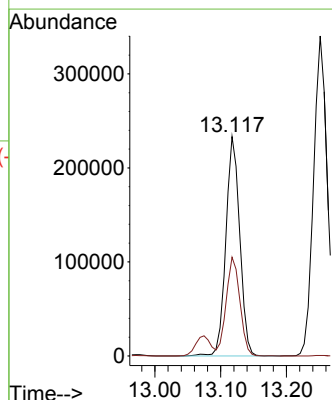
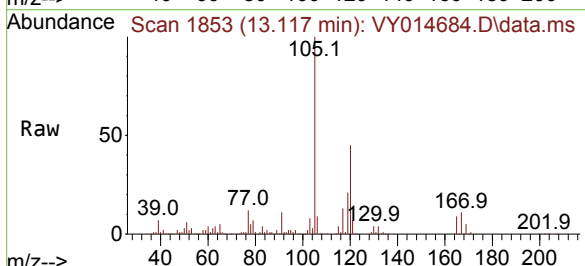
Acq: 17 Jul 2023 19:51

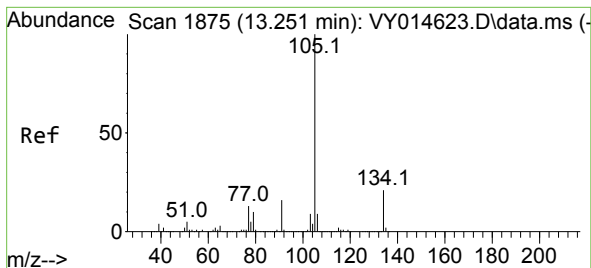
Tgt Ion:105 Resp: 343023

Ion Ratio Lower Upper

105 100

120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 59.784 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

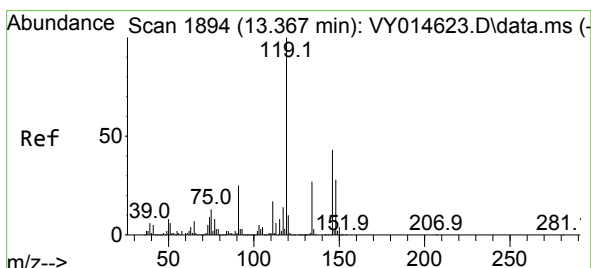
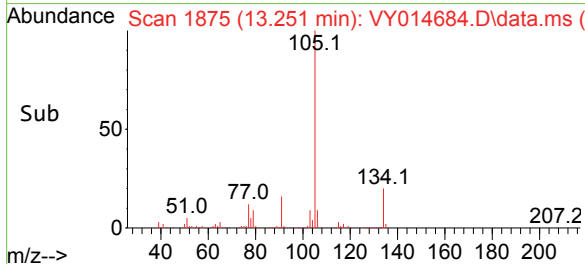
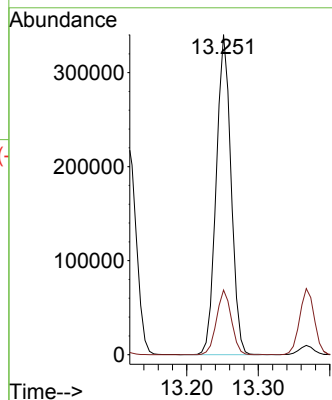
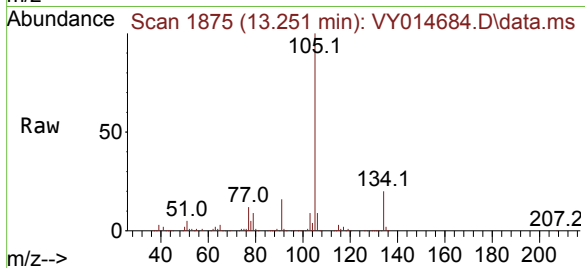
SB-02(2-4)MS

Tgt Ion:105 Resp: 489819

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 57.385 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

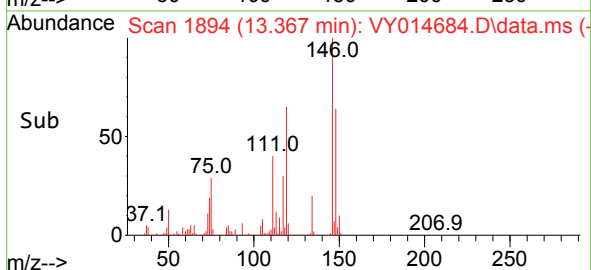
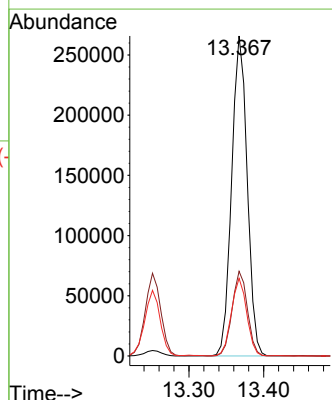
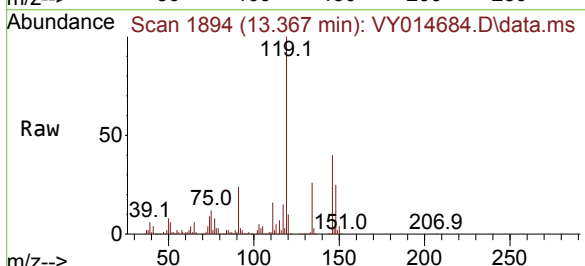
Tgt Ion:119 Resp: 383874

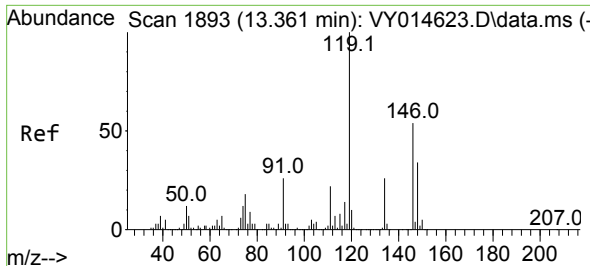
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.8 12.4 37.4

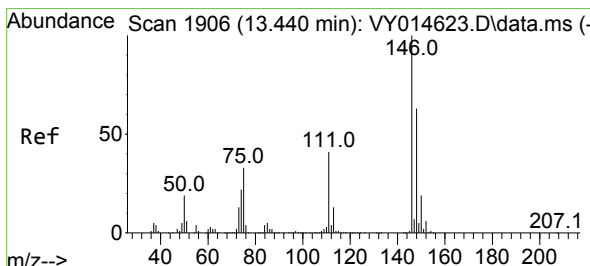
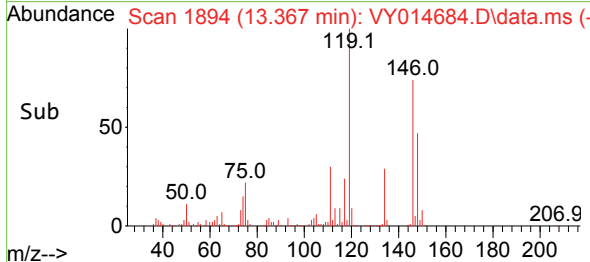
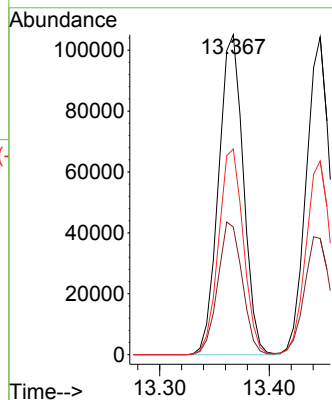
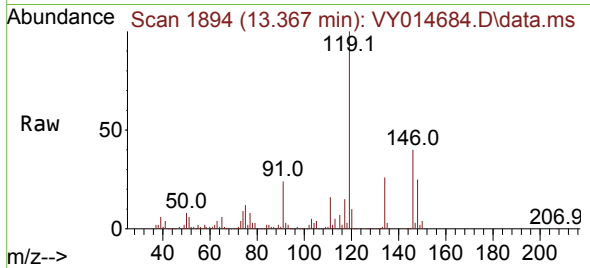




#87
1,3-Dichlorobenzene
Concen: 49.326 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

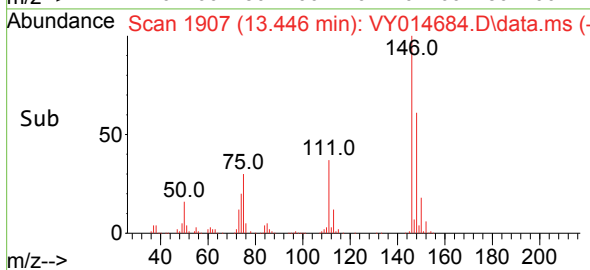
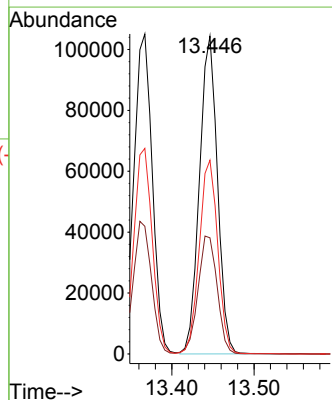
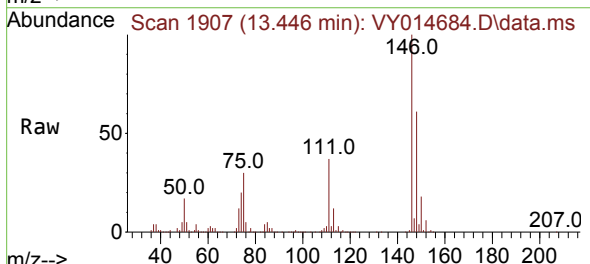
Instrument :
MSVOA_Y
ClientSampleId :
SB-02(2-4)MS

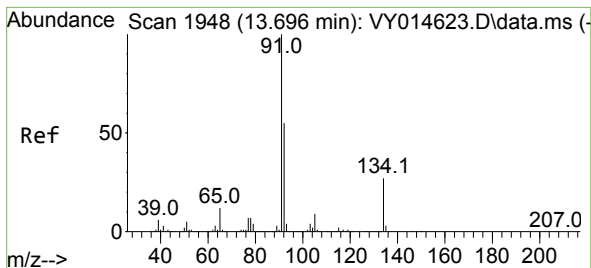
Tgt Ion:146 Resp: 165211
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.259 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014684.D
Acq: 17 Jul 2023 19:51

Tgt Ion:146 Resp: 158619
Ion Ratio Lower Upper
146 100
111 39.4 18.9 56.7
148 62.6 32.1 96.5





#89

n-Butylbenzene

Concen: 49.132 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

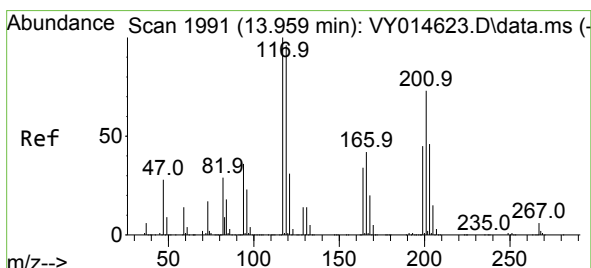
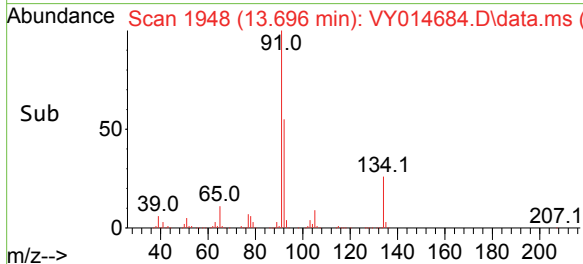
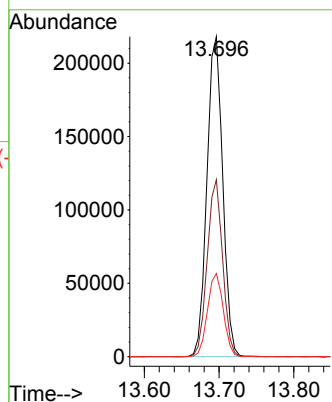
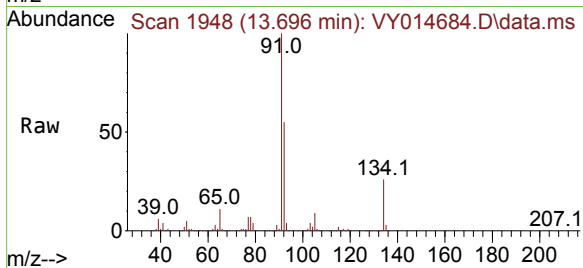
Tgt Ion: 91 Resp: 319758

Ion Ratio Lower Upper

91 100

92 53.9 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 56.895 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014684.D

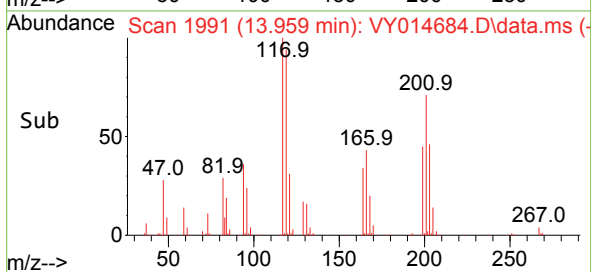
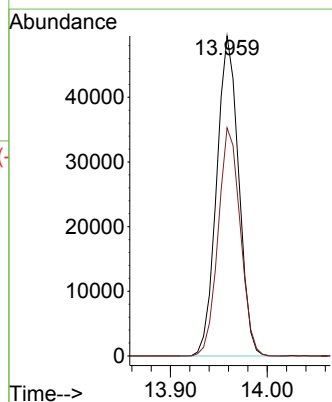
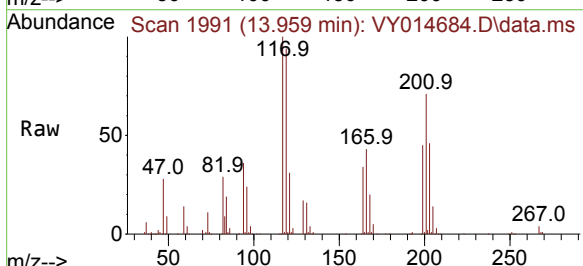
Acq: 17 Jul 2023 19:51

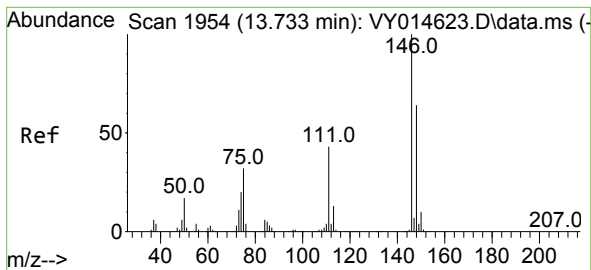
Tgt Ion: 117 Resp: 78174

Ion Ratio Lower Upper

117 100

201 71.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.475 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

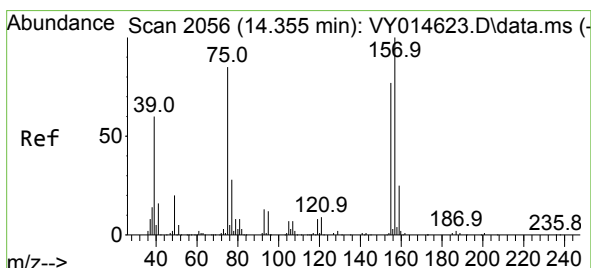
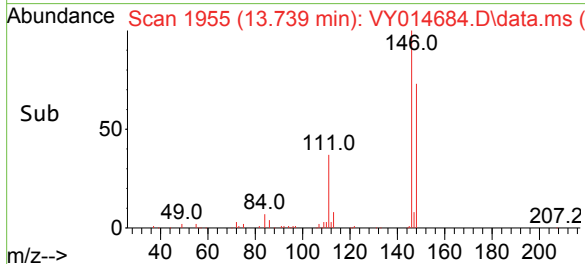
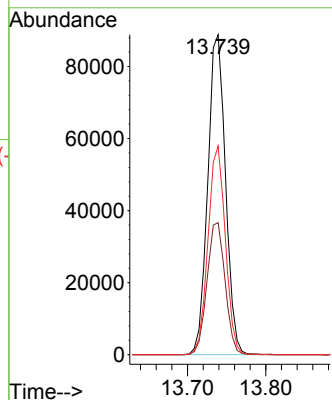
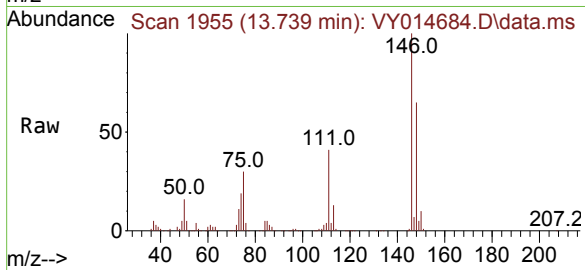
Tgt Ion:146 Resp: 139547

Ion Ratio Lower Upper

146 100

111 42.1 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.260 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

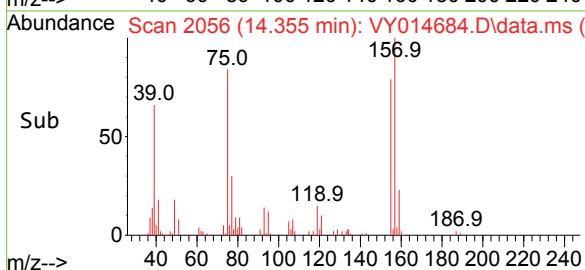
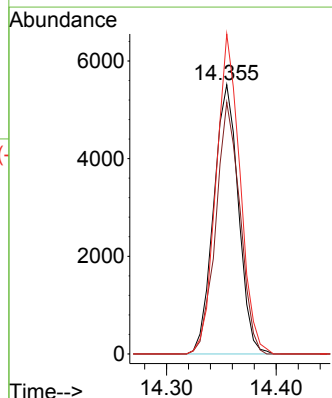
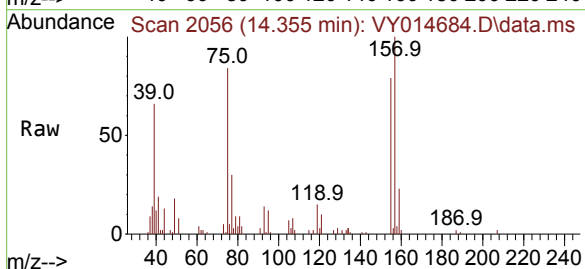
Tgt Ion: 75 Resp: 8634

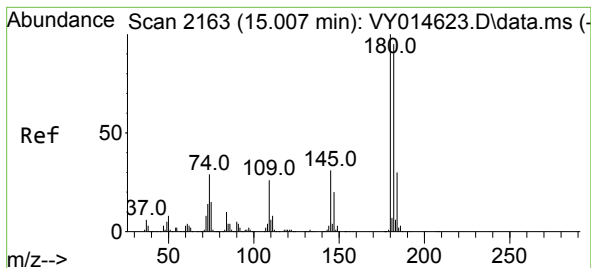
Ion Ratio Lower Upper

75 100

155 91.1 41.5 124.6

157 115.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 31.268 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

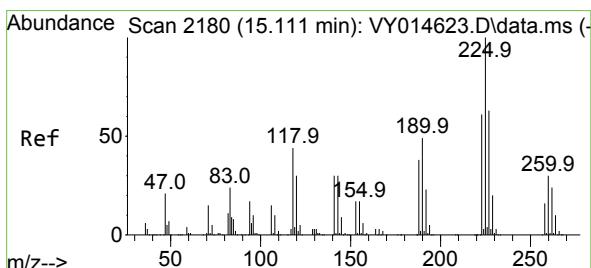
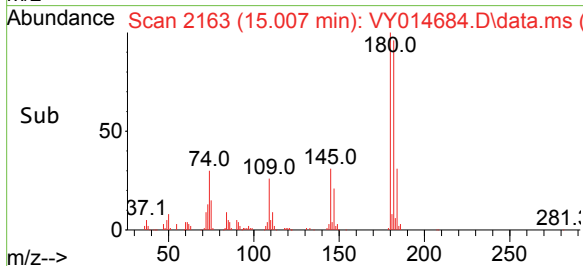
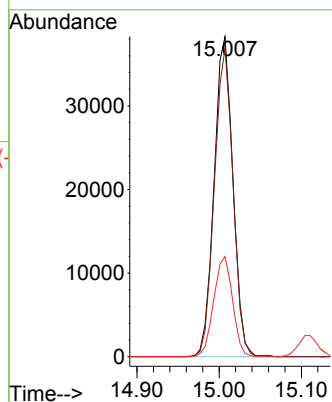
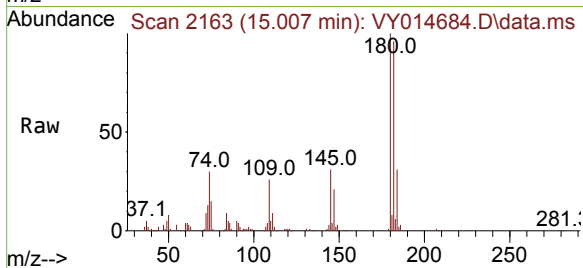
Tgt Ion:180 Resp: 60910

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 37.905 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

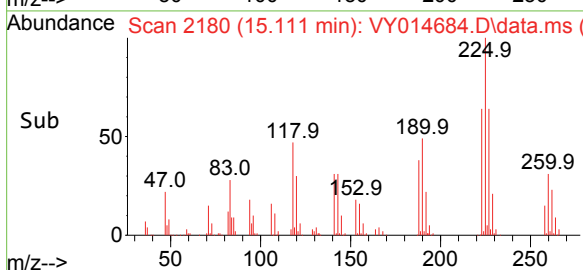
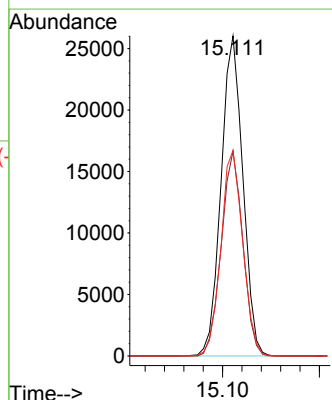
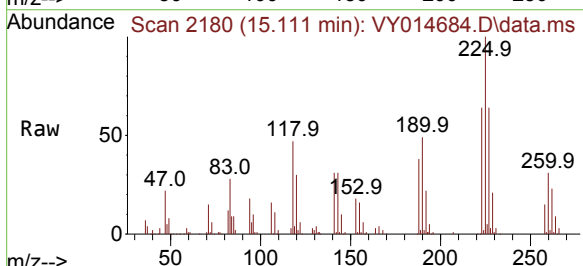
Tgt Ion:225 Resp: 40577

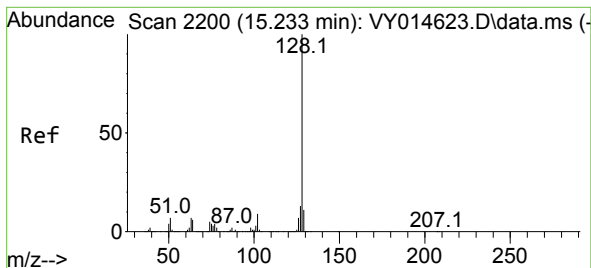
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 25.487 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02(2-4)MS

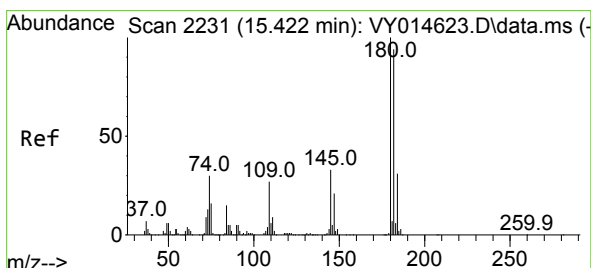
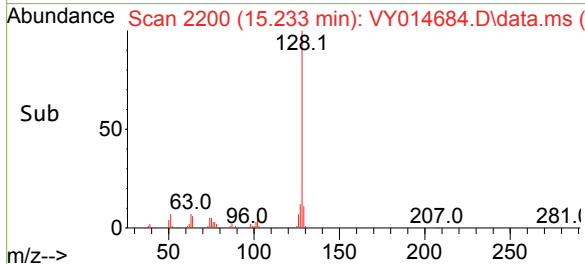
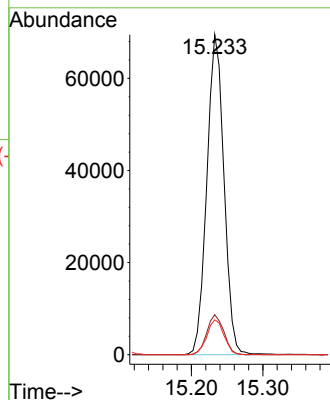
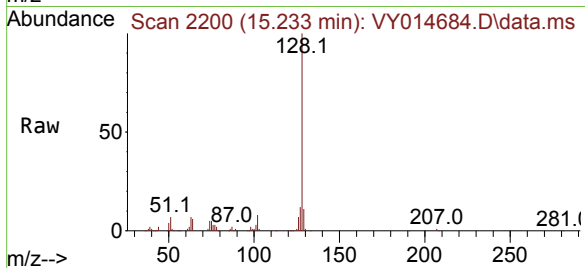
Tgt Ion:128 Resp: 115667

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 27.663 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014684.D

Acq: 17 Jul 2023 19:51

Tgt Ion:180 Resp: 47892

Ion Ratio Lower Upper

180 100

182 97.5 47.3 141.8

145 33.7 15.4 46.2

