

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014709.D
 Acq On : 18 Jul 2023 18:18
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 19 04:07:54 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	225098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129779	50.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.716	113	119988	50.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.179	98	432366	49.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.477	95	163535	48.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	81711	44.556	ug/l	98
3) Chloromethane	2.113	50	115855	56.200	ug/l	98
4) Vinyl Chloride	2.247	62	135352	58.749	ug/l	95
5) Bromomethane	2.637	94	101093	66.397	ug/l	99
6) Chloroethane	2.784	64	87172	60.573	ug/l	95
7) Trichlorofluoromethane	3.119	101	194817	50.348	ug/l	99
8) Diethyl Ether	3.527	74	74318	51.620	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	115155	48.554	ug/l	96
10) Methyl Iodide	4.088	142	106896	42.872	ug/l	97
11) Tert butyl alcohol	4.954	59	139721	265.971	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	107795	48.630	ug/l	94
13) Acrolein	3.723	56	36471	136.034	ug/l	99
14) Allyl chloride	4.472	41	182294	46.317	ug/l	97
15) Acrylonitrile	5.161	53	227542	286.611	ug/l	99
16) Acetone	3.942	43	192012	236.223	ug/l	95
17) Carbon Disulfide	4.186	76	286529	45.150	ug/l	98
18) Methyl Acetate	4.472	43	180971	58.016	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	385184	53.494	ug/l	100
20) Methylene Chloride	4.710	84	150946	57.825	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	125361	49.835	ug/l	92
22) Diisopropyl ether	6.118	45	401672	50.198	ug/l	90
23) Vinyl Acetate	6.058	43	1244405	259.874	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	230565	50.358	ug/l	96
25) 2-Butanone	6.984	43	320241	269.295	ug/l	95
26) 2,2-Dichloropropane	6.978	77	198320	45.449	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	153217	52.327	ug/l	92
28) Bromochloromethane	7.332	49	99184	50.299	ug/l	91
29) Tetrahydrofuran	7.344	42	210054	286.863	ug/l	91
30) Chloroform	7.502	83	241482	51.147	ug/l	95
31) Cyclohexane	7.783	56	185318	43.522	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	216809	51.022	ug/l	98
36) 1,1-Dichloropropene	7.917	75	172537	48.352	ug/l	99
37) Ethyl Acetate	7.069	43	135531	55.166	ug/l #	94
38) Carbon Tetrachloride	7.899	117	192978	51.160	ug/l	98
39) Methylcyclohexane	9.179	83	212778	45.770	ug/l	95
40) Benzene	8.161	78	509733	50.228	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	191977	151.921	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	168819	52.530	ug/l	95
43) Isopropyl Acetate	8.271	43	250543	53.535	ug/l	97
44) Trichloroethene	8.941	130	144566	50.913	ug/l	97
45) 1,2-Dichloropropane	9.215	63	132016	49.817	ug/l	96
46) Dibromomethane	9.307	93	86098	53.556	ug/l	96
47) Bromodichloromethane	9.496	83	195883	51.698	ug/l	97
48) Methyl methacrylate	9.289	41	112496	53.421	ug/l	93
49) 1,4-Dioxane	9.295	88	31636	1206.847	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	704648	286.771	ug/l	94
52) Toluene	10.240	92	328536	50.591	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	206941	49.931	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	223681	49.629	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	121151	54.101	ug/l	98
56) Ethyl methacrylate	10.508	69	182940	53.505	ug/l	92
57) 1,3-Dichloropropane	10.788	76	203370	52.653	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	399565	250.806	ug/l	94
59) 2-Hexanone	10.831	43	511917	285.682	ug/l	91
60) Dibromochloromethane	10.983	129	147933	53.880	ug/l	98
61) 1,2-Dibromoethane	11.087	107	121471	54.374	ug/l	99
64) Tetrachloroethene	10.715	164	137245	50.733	ug/l	97
65) Chlorobenzene	11.514	112	362637	50.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	140923	52.144	ug/l	98
67) Ethyl Benzene	11.587	91	643913	49.756	ug/l	99
68) m/p-Xylenes	11.703	106	502306	101.679	ug/l	95
69) o-Xylene	12.026	106	245321	50.984	ug/l	97
70) Styrene	12.044	104	423444	52.214	ug/l	98
71) Bromoform	12.203	173	102780	56.106	ug/l #	99
73) Isopropylbenzene	12.325	105	649957	48.373	ug/l	100
74) N-amyl acetate	12.142	43	230484	51.217	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	163139	53.242	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	208637	96.267	ug/l #	100
77) Bromobenzene	12.605	156	155403	50.668	ug/l	97
78) n-propylbenzene	12.666	91	779672	48.154	ug/l	99
79) 2-Chlorotoluene	12.751	91	446392	47.867	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	545326	48.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	53138	47.472	ug/l	97
82) 4-Chlorotoluene	12.849	91	460517	47.948	ug/l	100
83) tert-Butylbenzene	13.075	119	486505	48.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	538460	48.896	ug/l	99
85) sec-Butylbenzene	13.251	105	711390	48.719	ug/l	100
86) p-Isopropyltoluene	13.367	119	588781	49.386	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	304944	51.085	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	303249	50.696	ug/l	99
89) n-Butylbenzene	13.696	91	555354	47.879	ug/l	96
90) Hexachloroethane	13.959	117	117204	47.862	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	279548	51.114	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30880	52.698	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	175756	50.625	ug/l	98
94) Hexachlorobutadiene	15.111	225	93974	49.257	ug/l	98
95) Naphthalene	15.233	128	438804	54.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	159986	51.851	ug/l	99

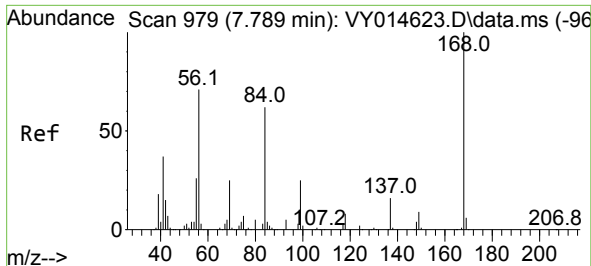
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014709.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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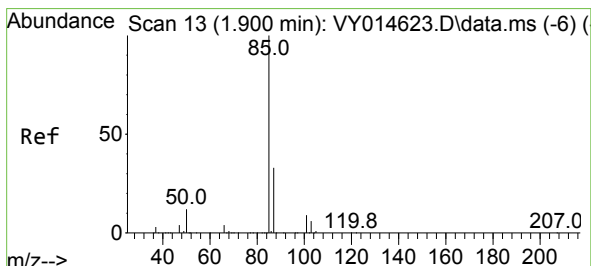
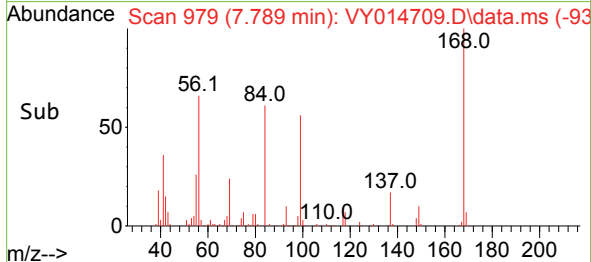
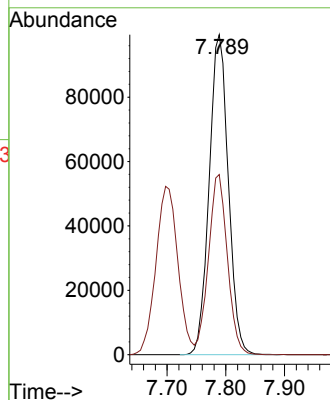
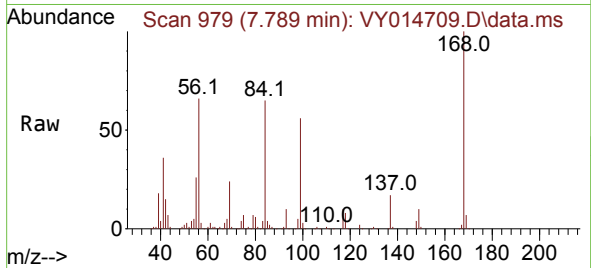
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014709.D
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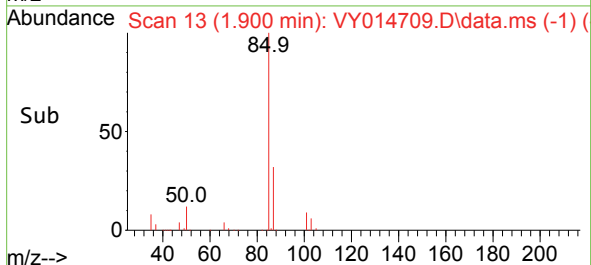
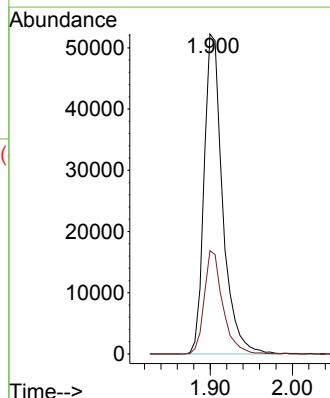
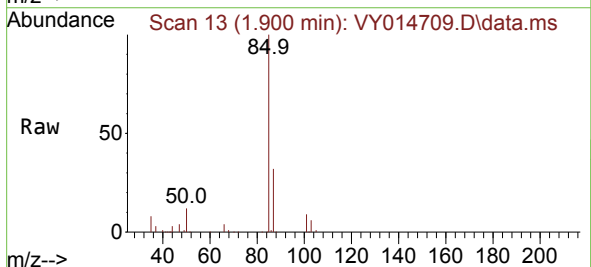
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

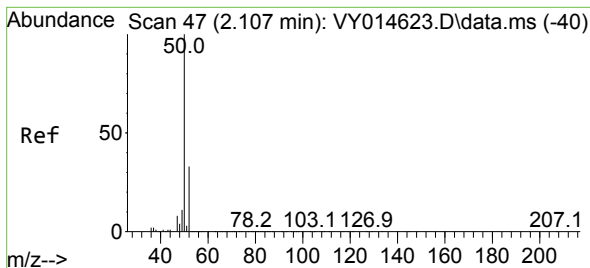
Tgt Ion:168 Resp: 225098
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.556 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 85 Resp: 81711
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 56.200 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

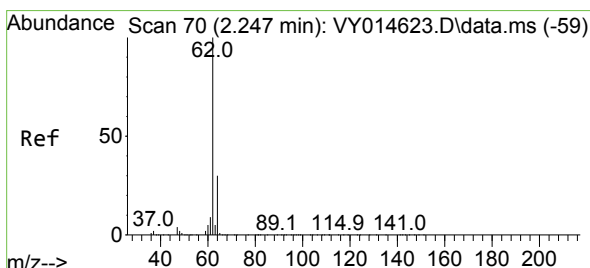
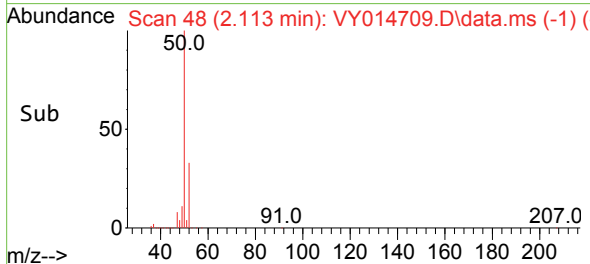
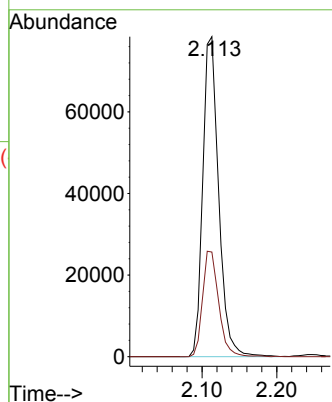
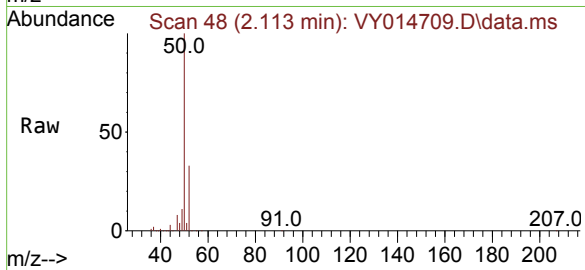
VSTDCCC050EC

Tgt Ion: 50 Resp: 115855

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 58.749 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY014709.D

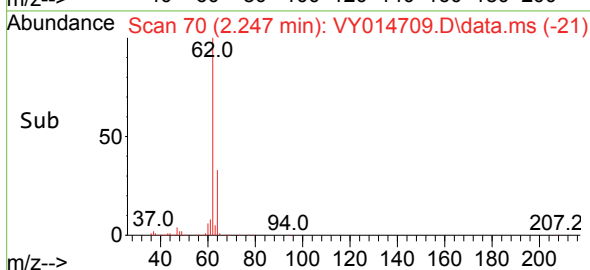
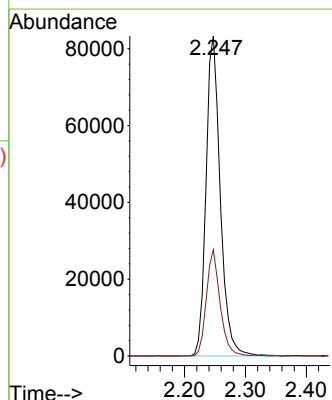
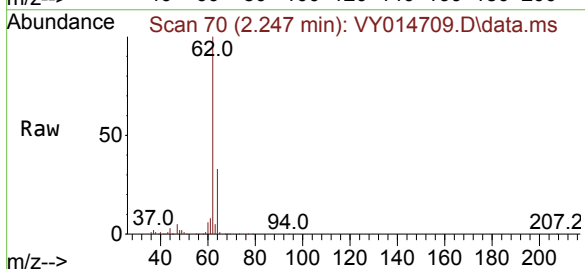
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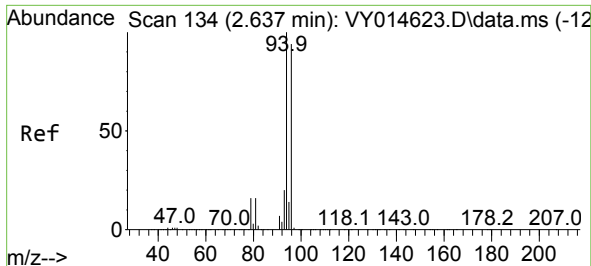
Tgt Ion: 62 Resp: 135352

Ion Ratio Lower Upper

62 100

64 33.2 24.3 36.5

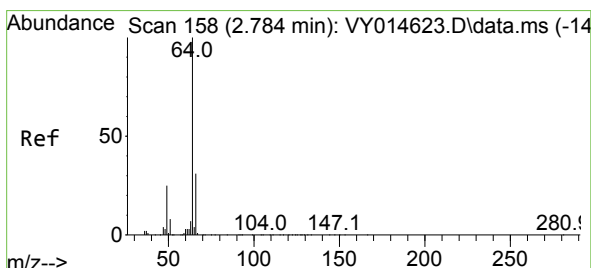
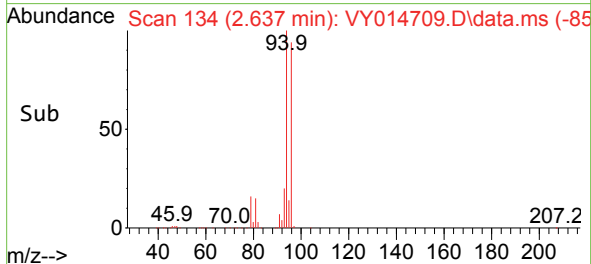
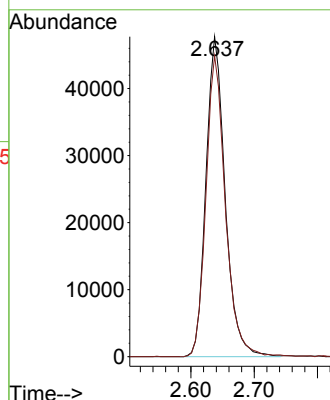
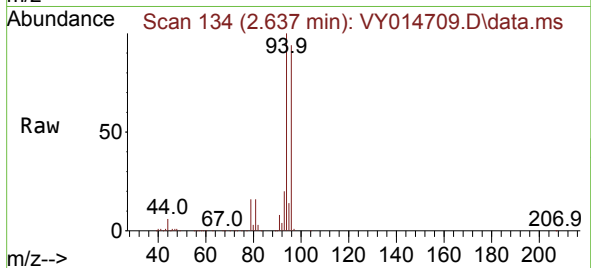




#5
Bromomethane
Concen: 66.397 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014709.D
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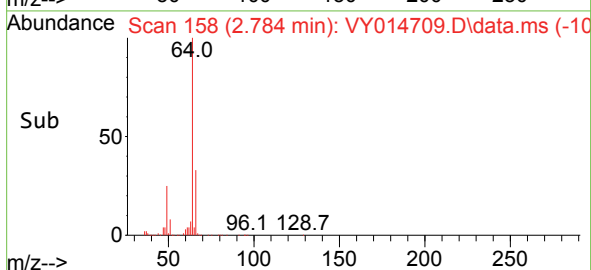
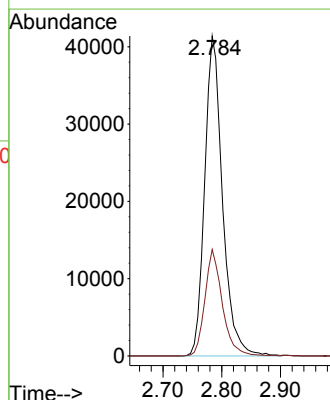
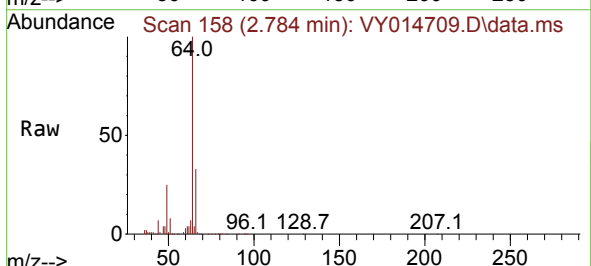
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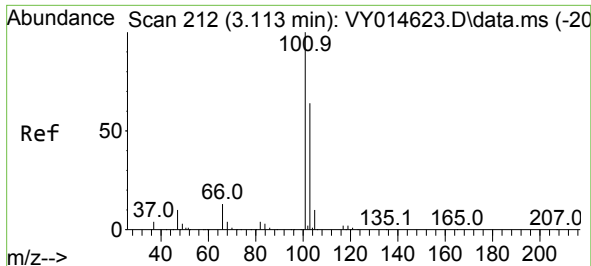
Tgt Ion: 94 Resp: 101093
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 60.573 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 64 Resp: 87172
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

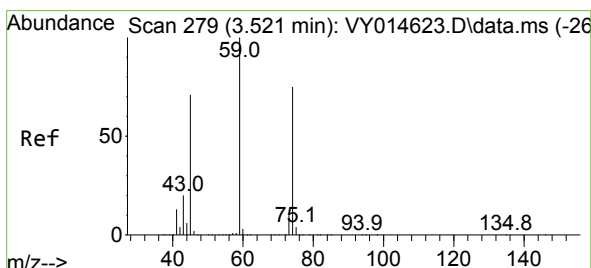
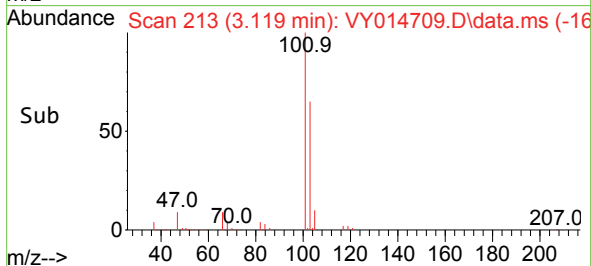
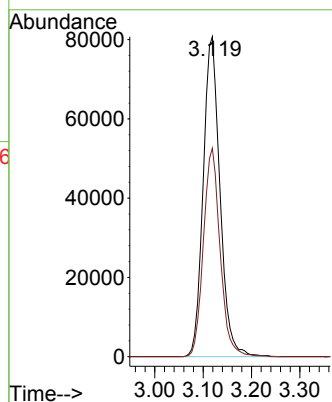
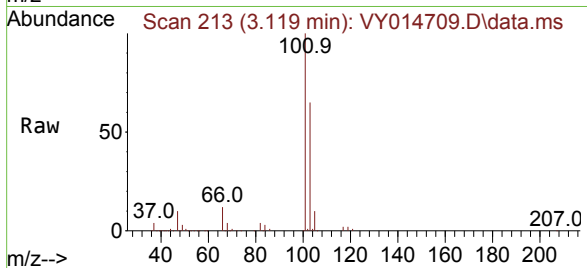




#7
 Trichlorofluoromethane
 Concen: 50.348 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

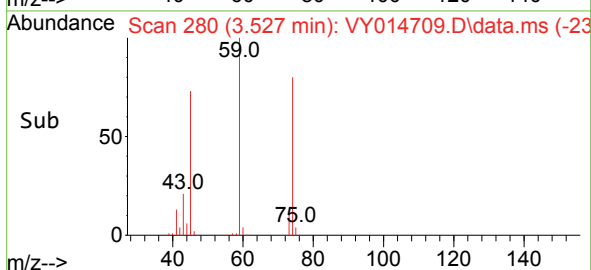
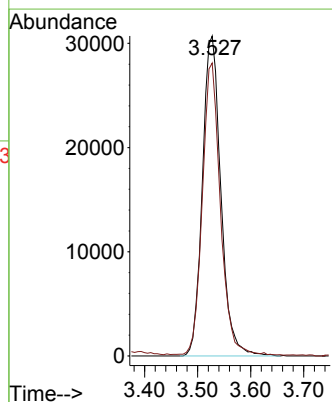
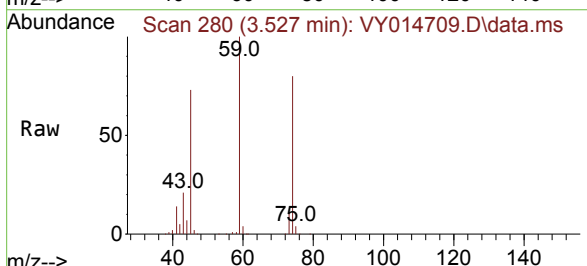
Instrument :
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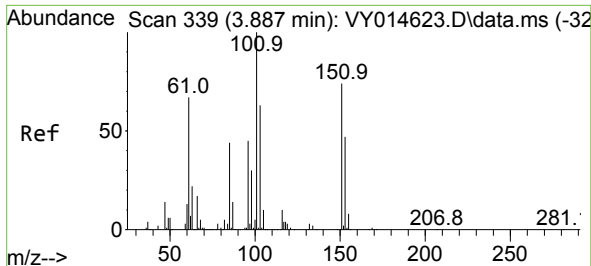
Tgt Ion:101 Resp: 194817
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.620 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

Tgt Ion: 74 Resp: 74318
 Ion Ratio Lower Upper
 74 100
 45 89.9 51.5 154.5

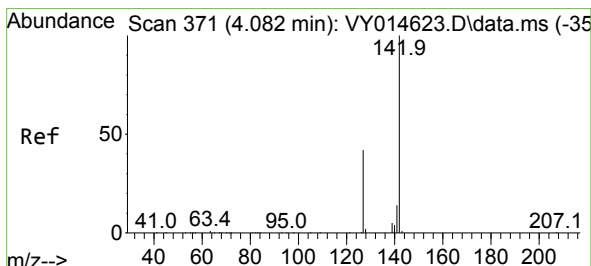
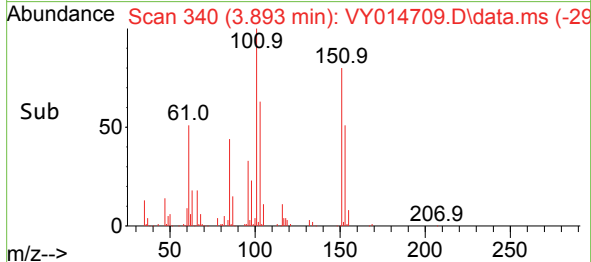
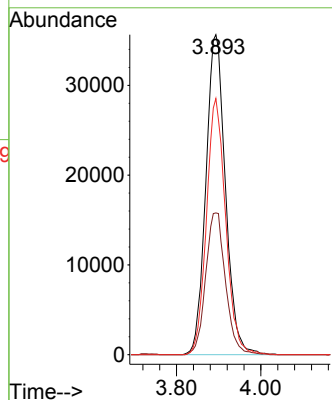
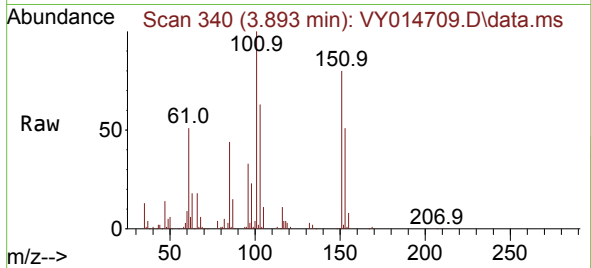




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.554 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014709.D
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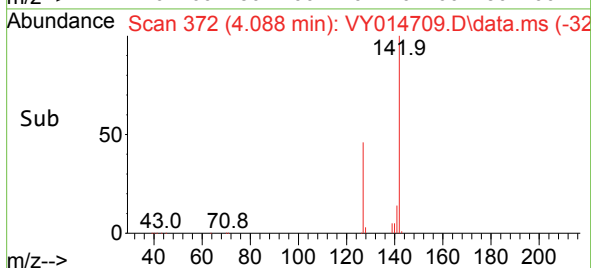
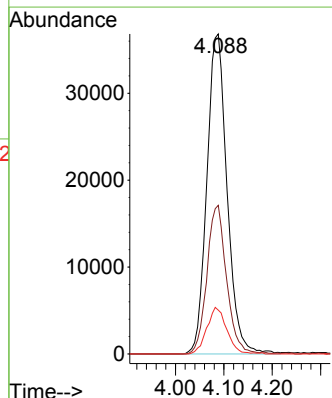
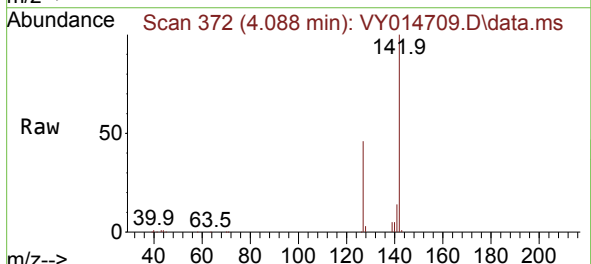
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

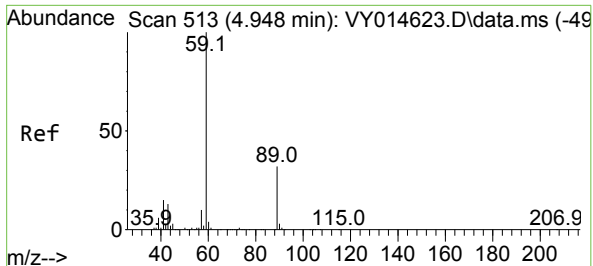
Tgt Ion:101 Resp: 115155
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 42.872 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion:142 Resp: 106896
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.4 11.8 17.8

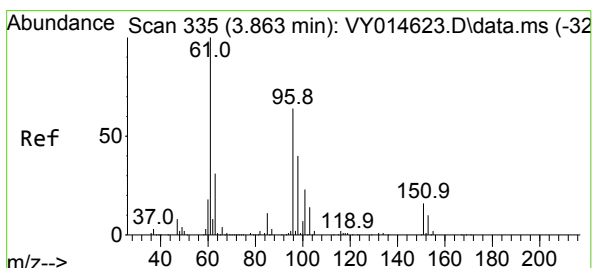
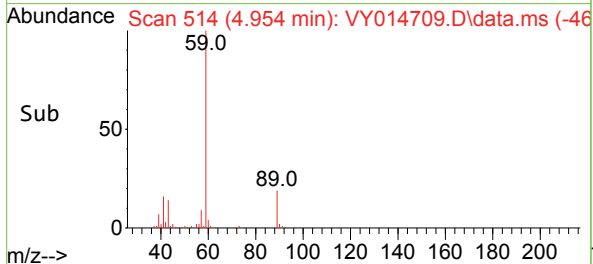
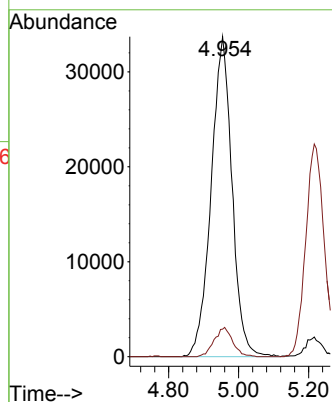
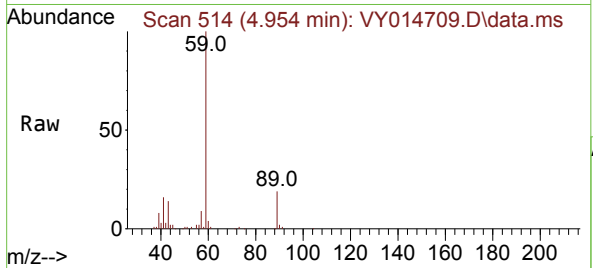




#11
Tert butyl alcohol
Concen: 265.971 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

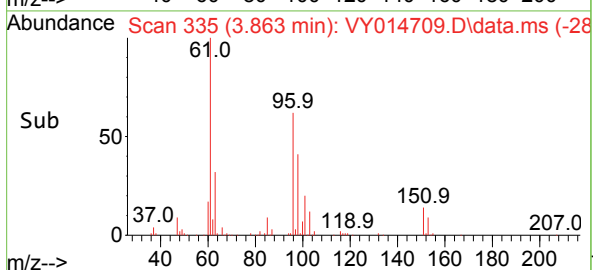
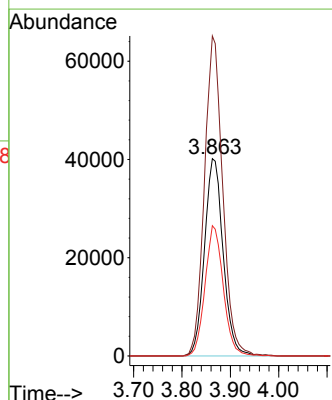
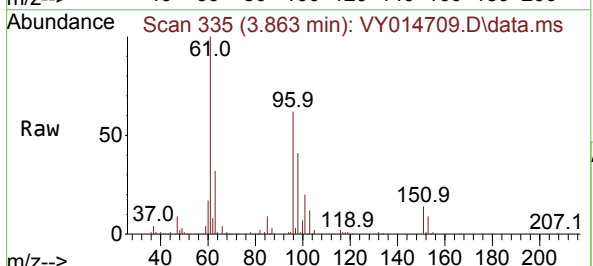
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

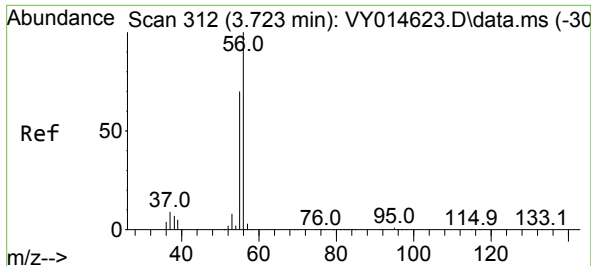
Tgt Ion: 59 Resp: 139721
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.630 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 96 Resp: 107795
Ion Ratio Lower Upper
96 100
61 162.2 136.4 204.6
98 66.1 49.4 74.2

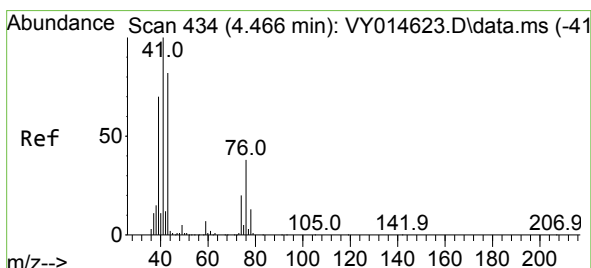
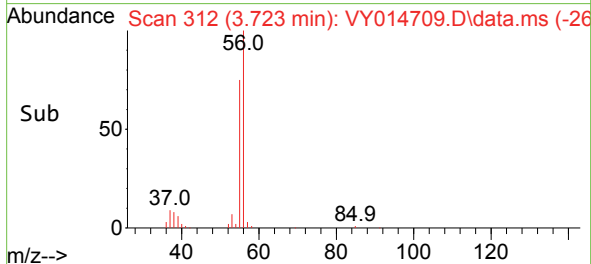
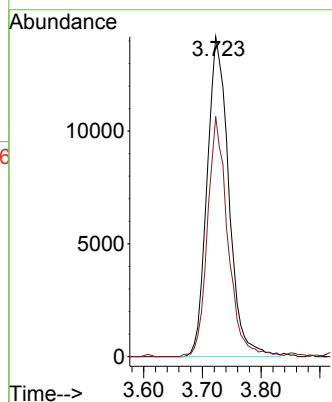
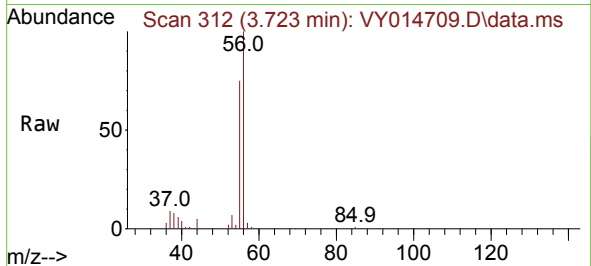




#13
Acrolein
Concen: 136.034 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

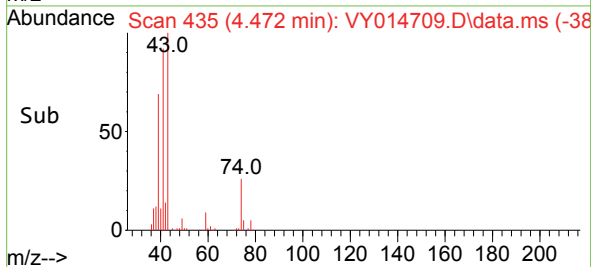
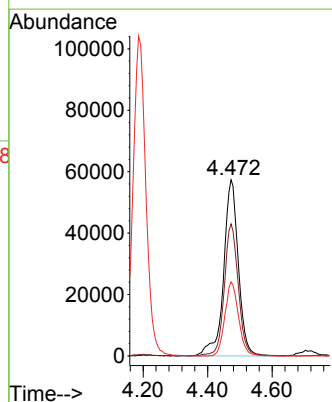
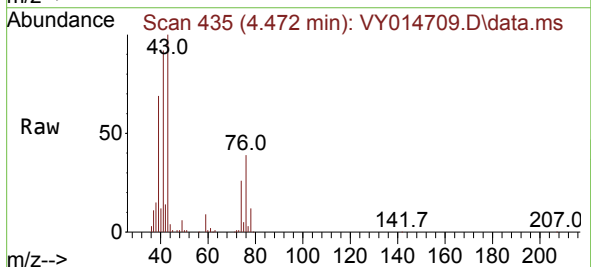
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

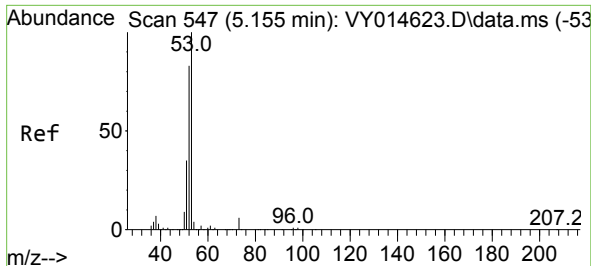
Tgt Ion: 56 Resp: 36471
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 46.317 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 41 Resp: 182294
Ion Ratio Lower Upper
41 100
39 71.4 58.0 87.0
76 38.8 27.4 41.2

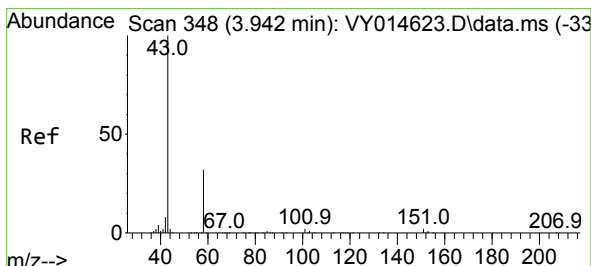
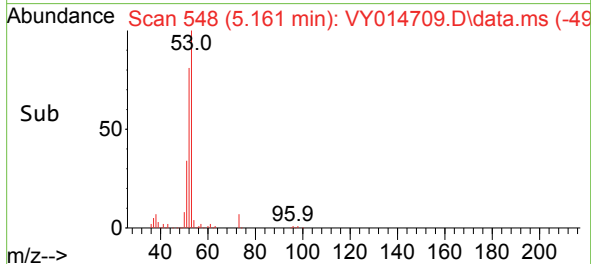
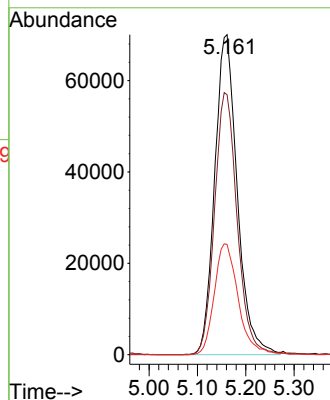
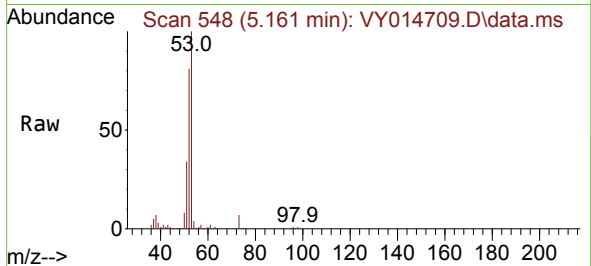




#15
Acrylonitrile
Concen: 286.611 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

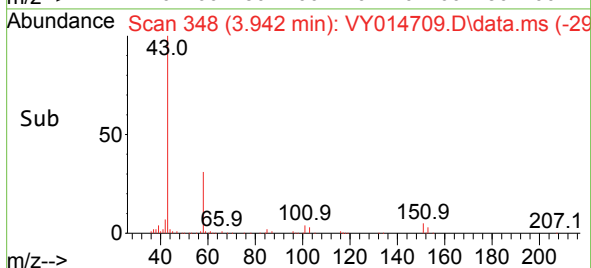
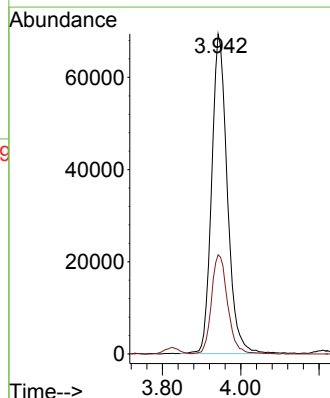
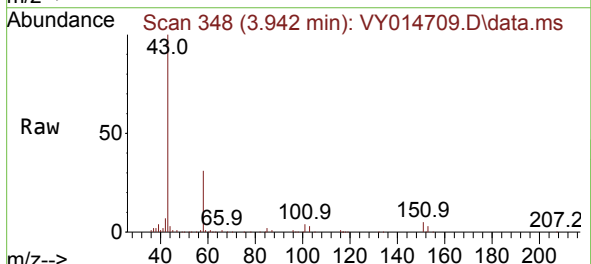
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

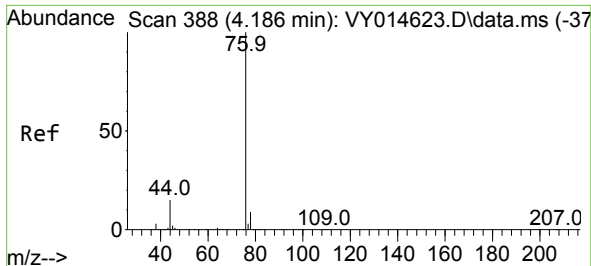
Tgt Ion: 53 Resp: 227542
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 236.223 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 43 Resp: 192012
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

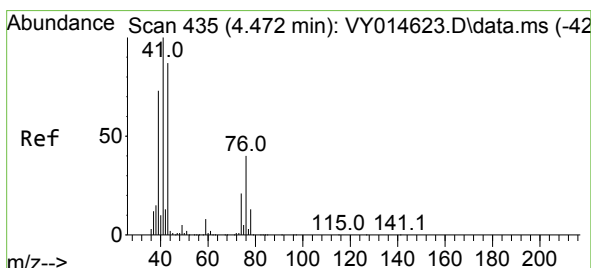
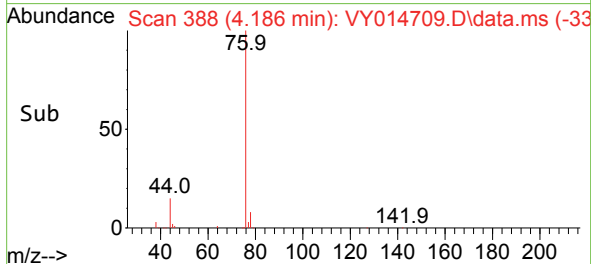
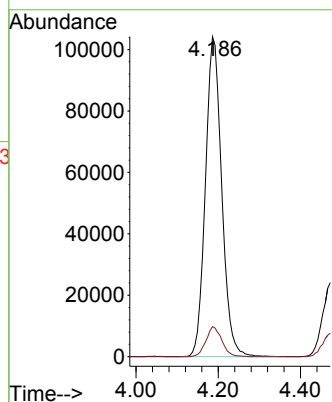
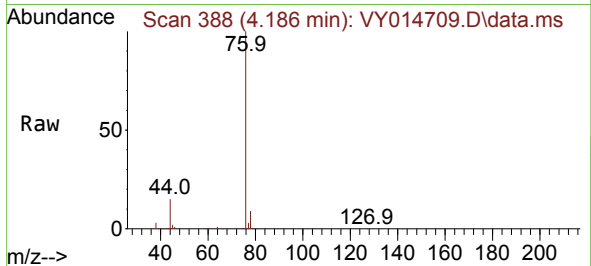




#17
Carbon Disulfide
Concen: 45.150 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

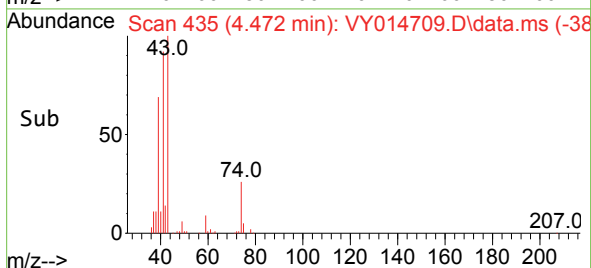
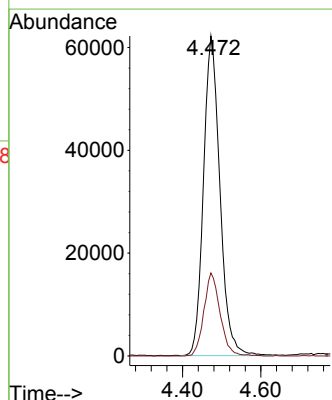
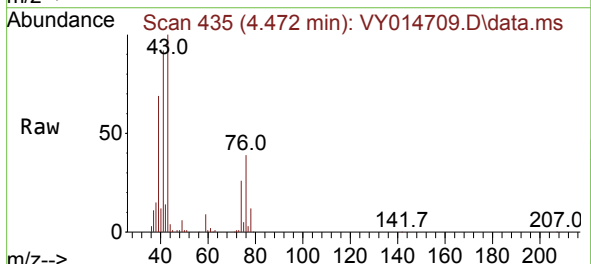
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

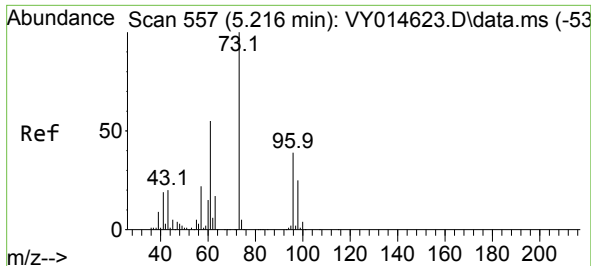
Tgt Ion: 76 Resp: 286529
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 58.016 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 43 Resp: 180971
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

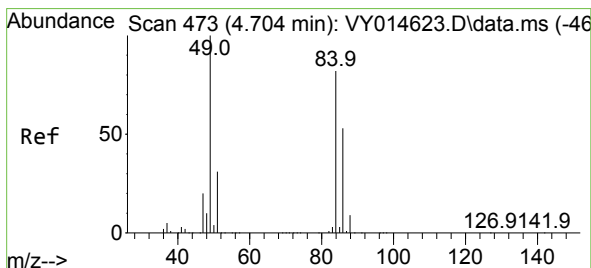
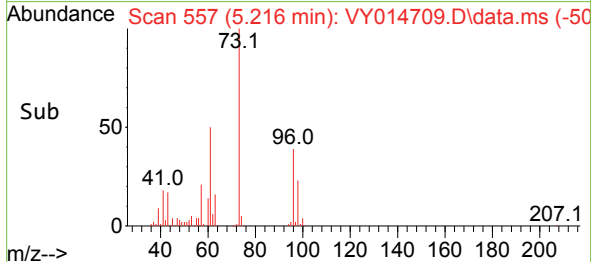
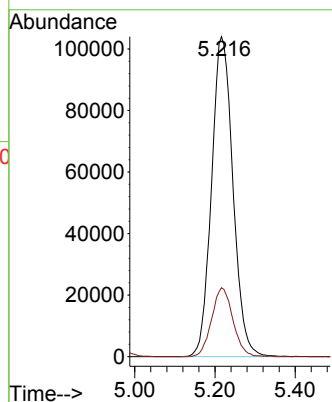
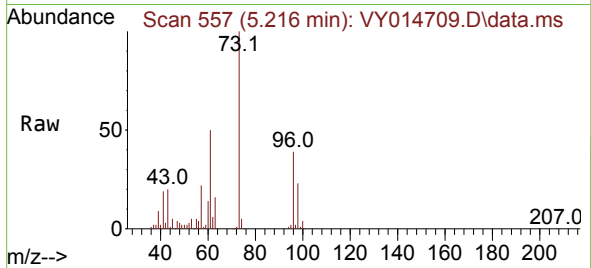




#19
Methyl tert-butyl Ether
Concen: 53.494 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

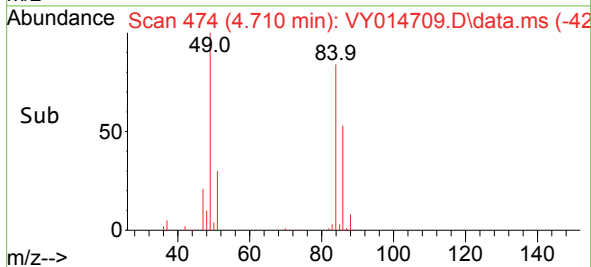
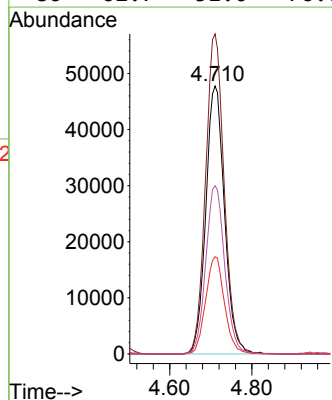
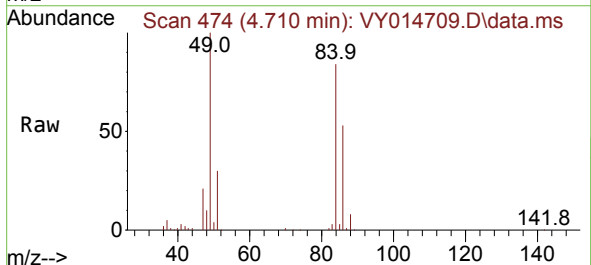
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

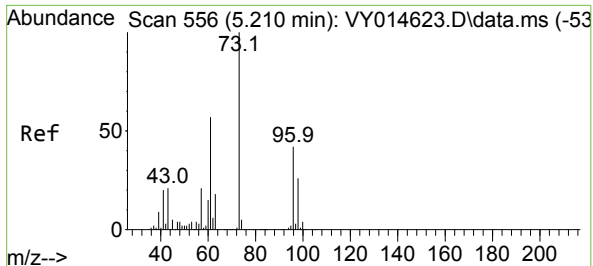
Tgt Ion: 73 Resp: 385184
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 57.825 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 84 Resp: 150946
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 36.3 33.2 49.8
86 62.7 51.0 76.6

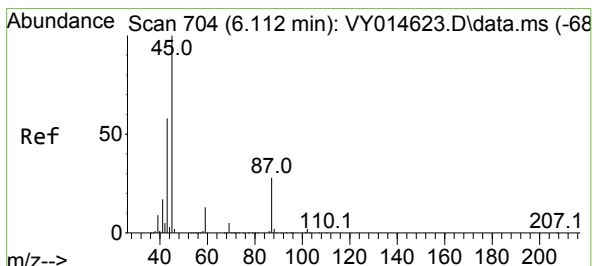
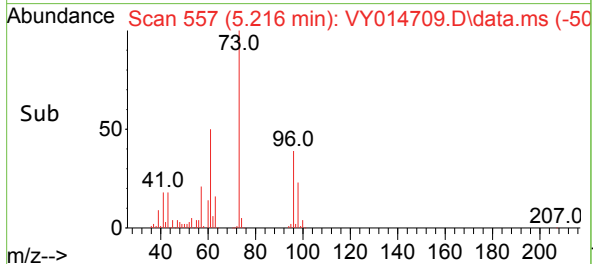
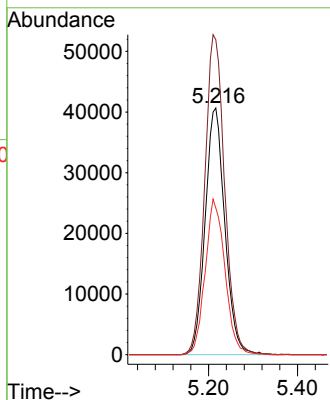
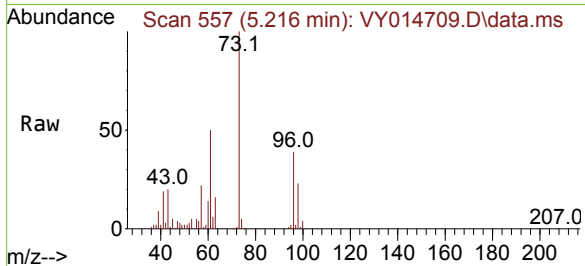




#21
trans-1,2-Dichloroethene
Concen: 49.835 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

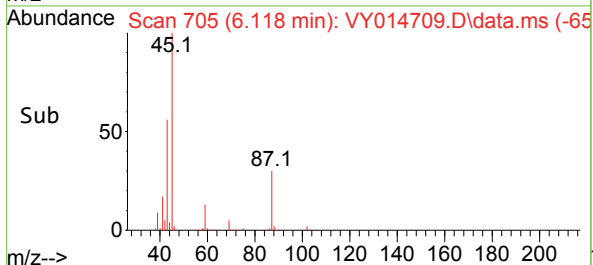
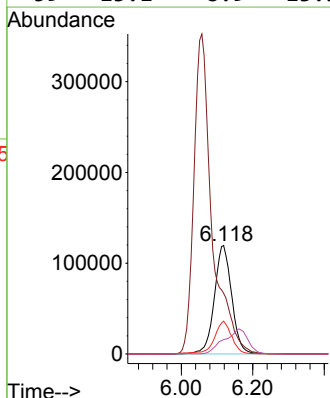
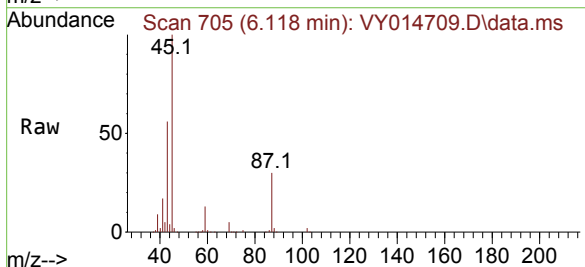
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

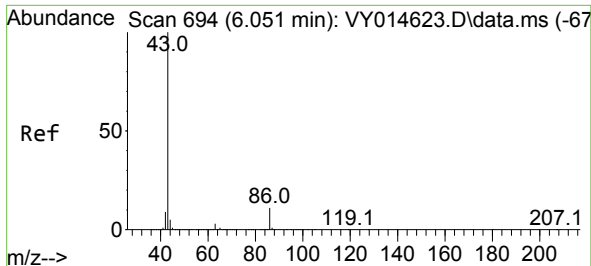
Tgt Ion: 96 Resp: 125361
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 59.5 51.8 77.6



#22
Diisopropyl ether
Concen: 50.198 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 45 Resp: 401672
Ion Ratio Lower Upper
45 100
43 55.6 52.2 78.4
87 30.2 21.0 31.6
59 13.1 8.9 13.3

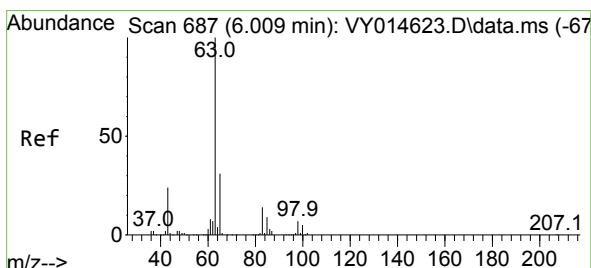
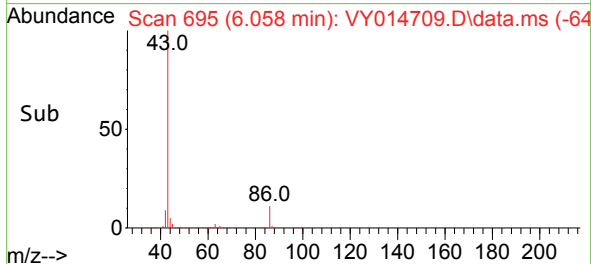
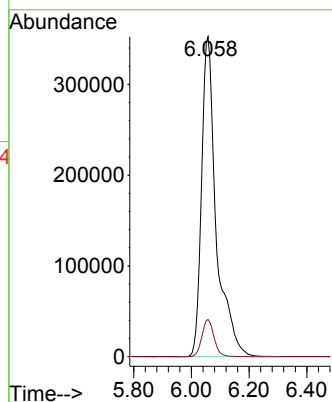
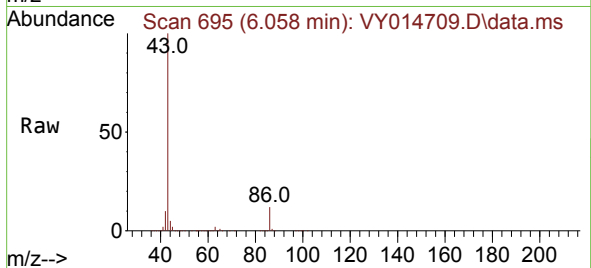




#23
 Vinyl Acetate
 Concen: 259.874 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

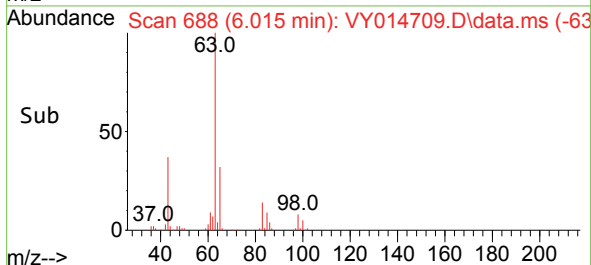
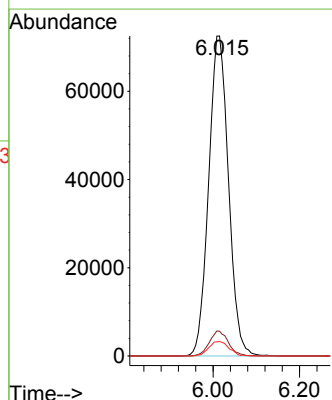
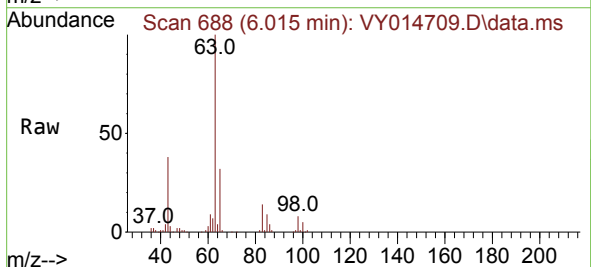
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

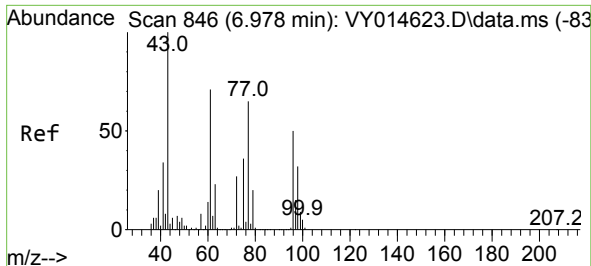
Tgt Ion: 43 Resp: 1244405
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.358 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

Tgt Ion: 63 Resp: 230565
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.5 1.8 5.5

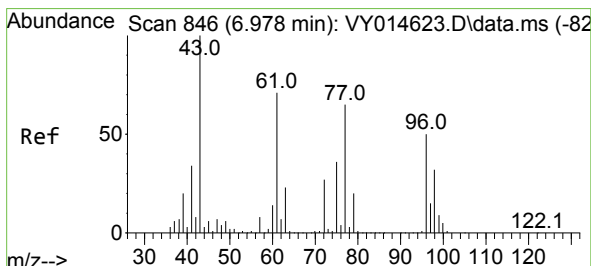
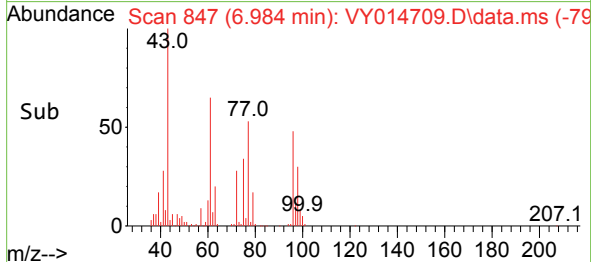
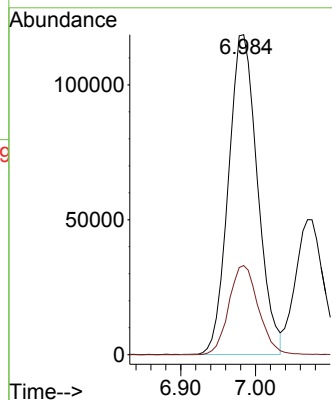
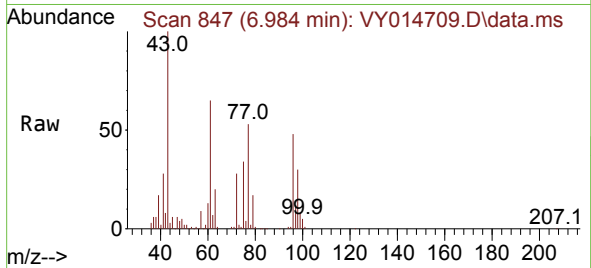




#25
2-Butanone
Concen: 269.295 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

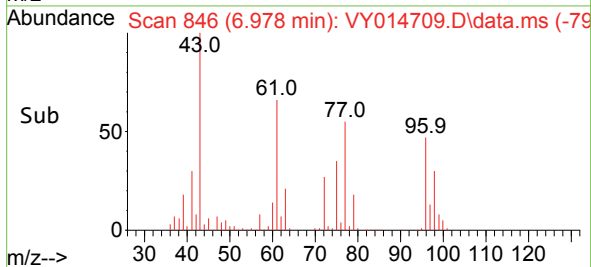
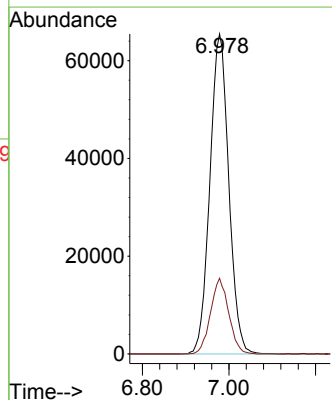
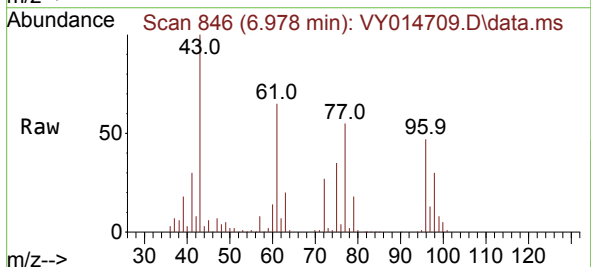
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

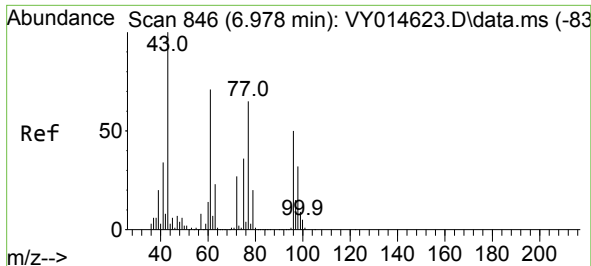
Tgt Ion: 43 Resp: 320241
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.449 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 77 Resp: 198320
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.327 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

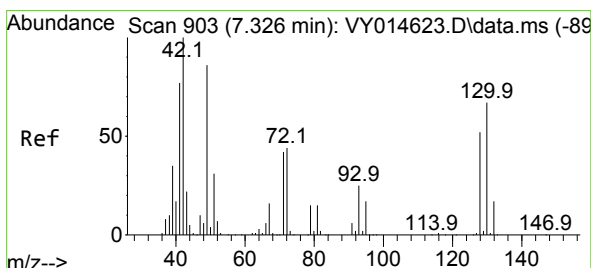
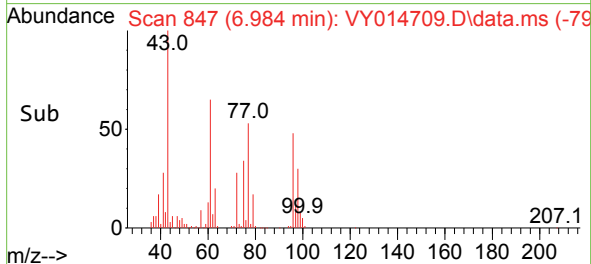
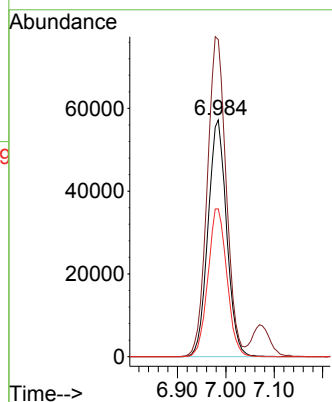
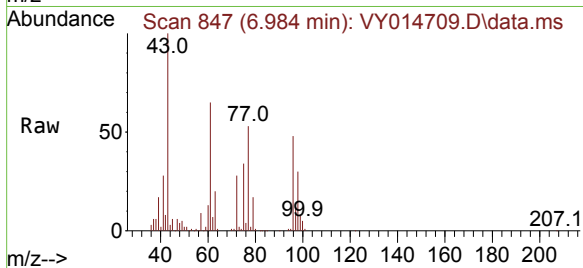
Tgt Ion: 96 Resp: 153217

Ion Ratio Lower Upper

96 100

61 137.4 0.0 301.4

98 63.5 0.0 130.4



#28

Bromochloromethane

Concen: 50.299 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

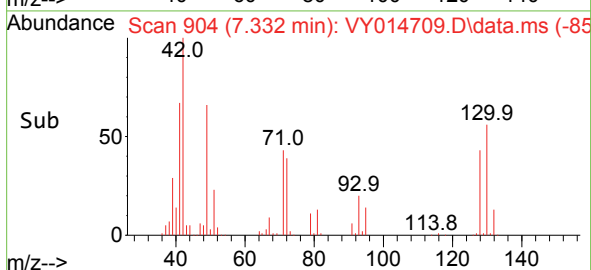
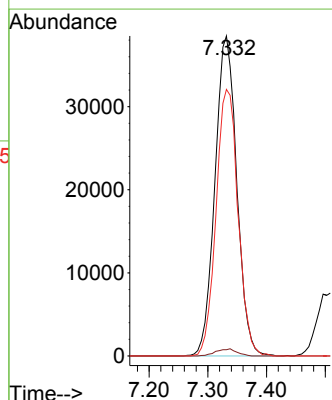
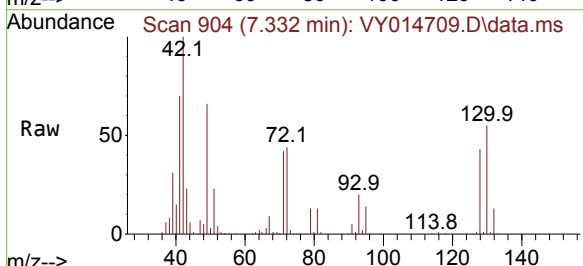
Tgt Ion: 49 Resp: 99184

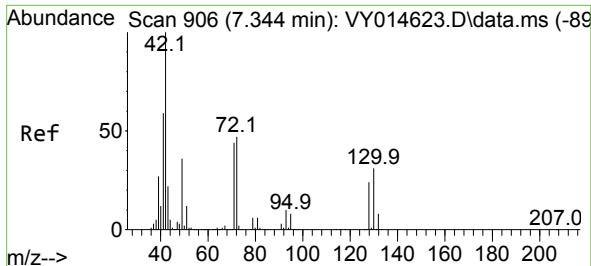
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 286.863 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

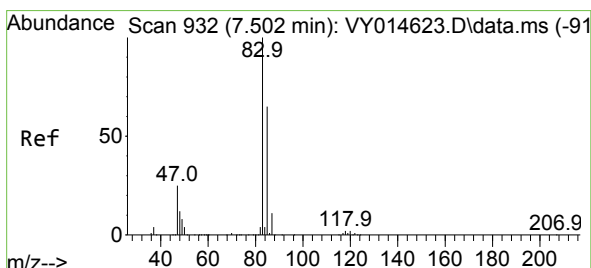
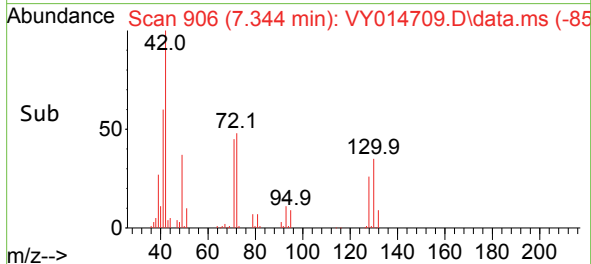
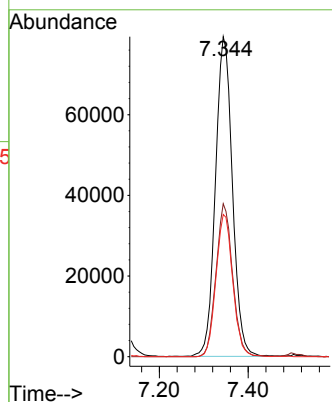
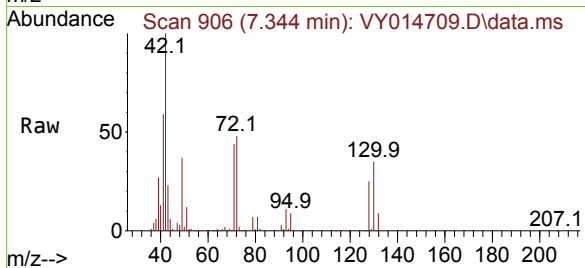
Tgt Ion: 42 Resp: 210054

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 43.9 31.0 46.4



#30

Chloroform

Concen: 51.147 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014709.D

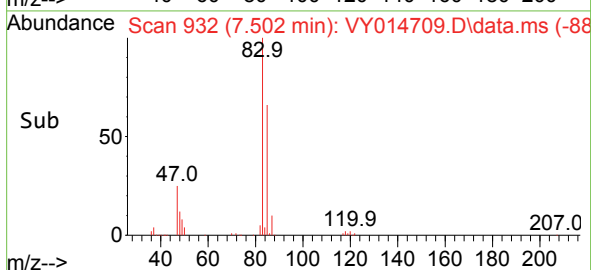
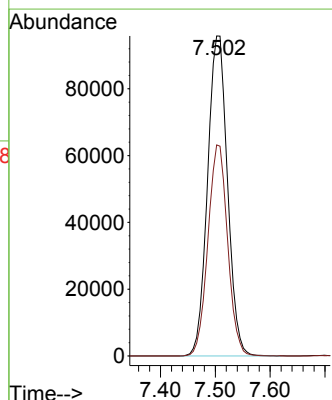
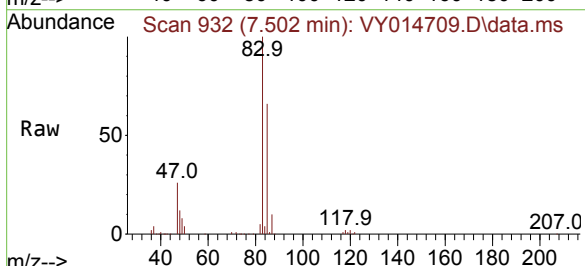
Acq: 18 Jul 2023 18:18

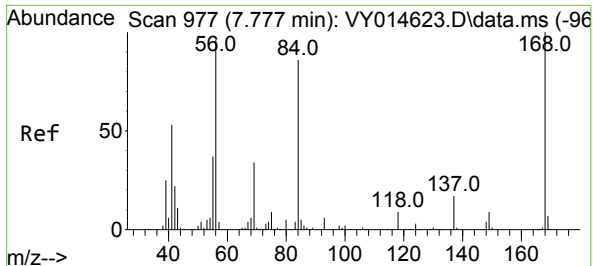
Tgt Ion: 83 Resp: 241482

Ion Ratio Lower Upper

83 100

85 66.0 49.7 74.5

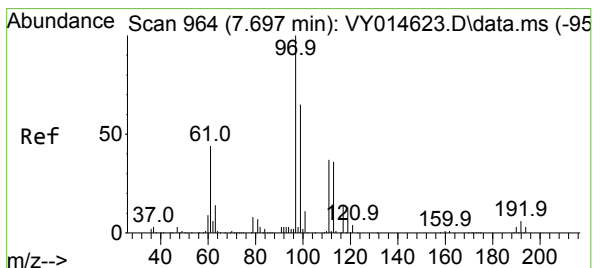
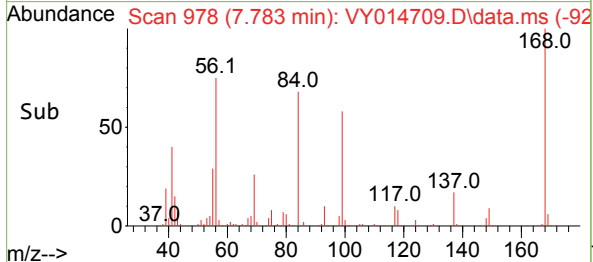
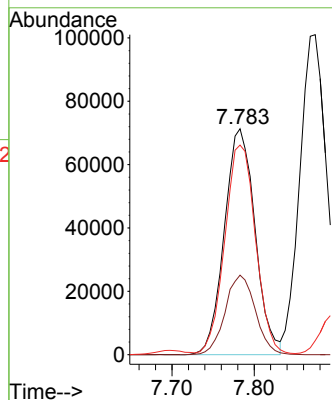
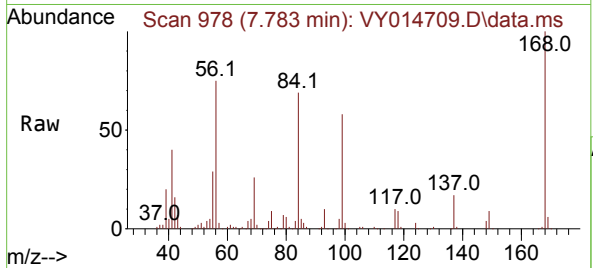




#31
Cyclohexane
Concen: 43.522 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

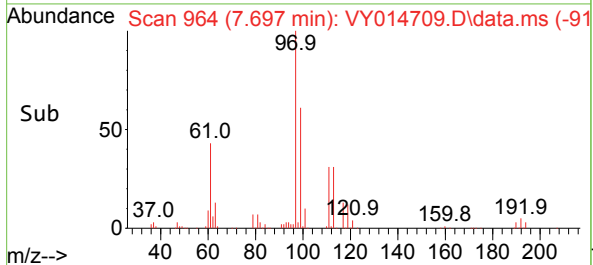
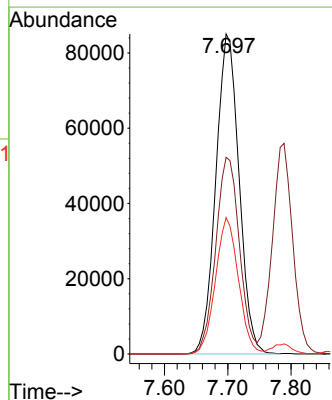
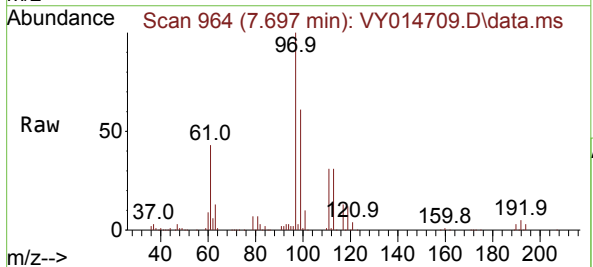
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

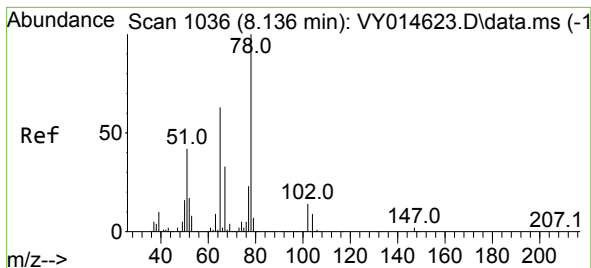
Tgt Ion: 56 Resp: 185318
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 91.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.022 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 97 Resp: 216809
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.595 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

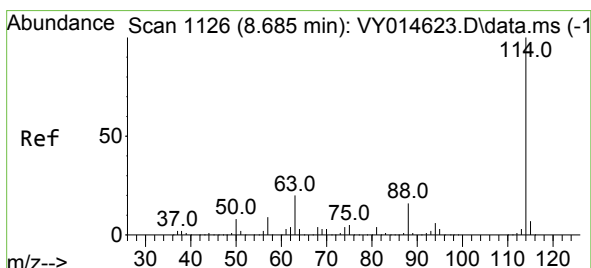
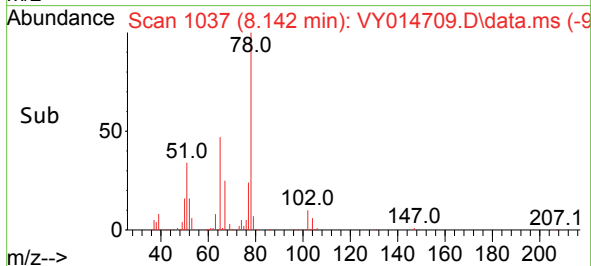
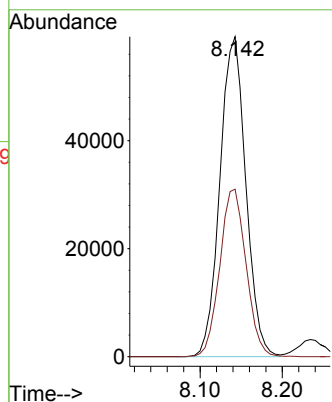
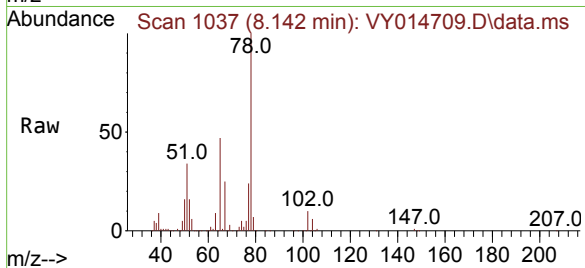
VSTDCCC050EC

Tgt Ion: 65 Resp: 129779

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

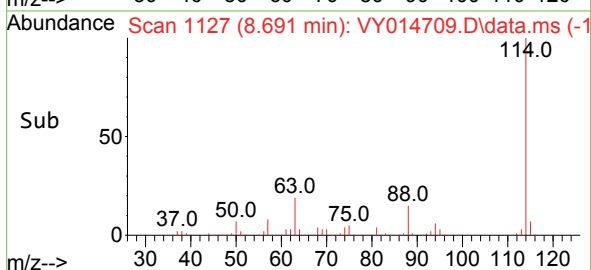
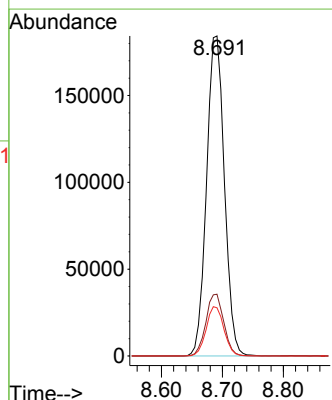
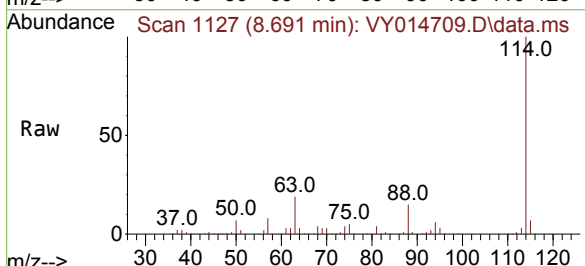
Tgt Ion: 114 Resp: 374832

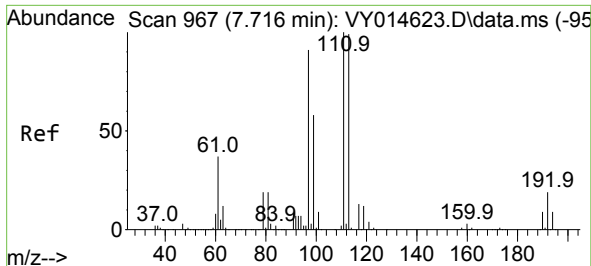
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6

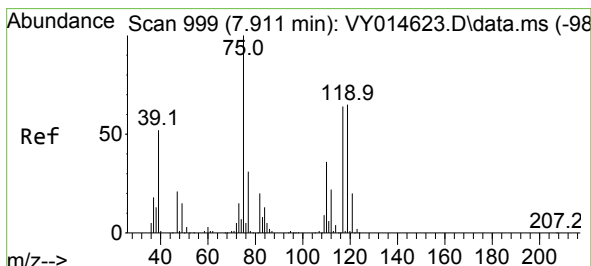
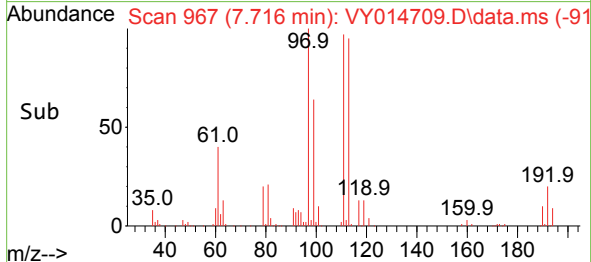
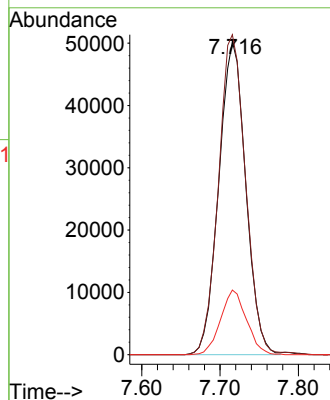
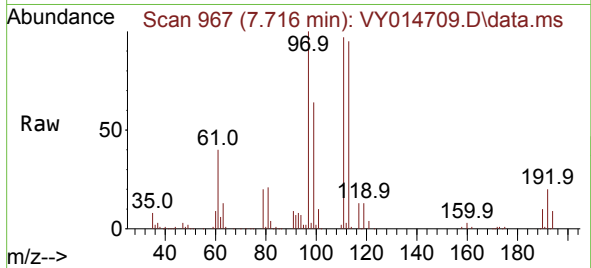




#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

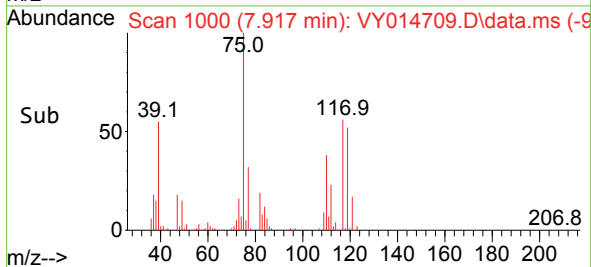
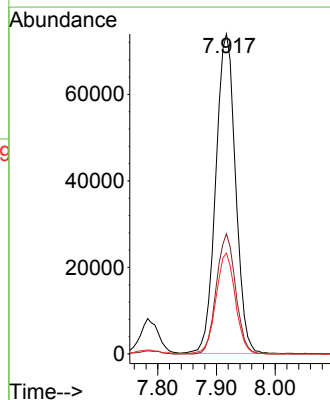
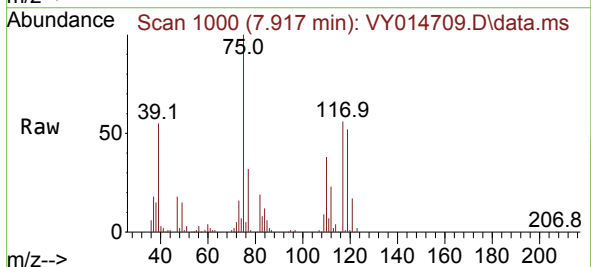
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

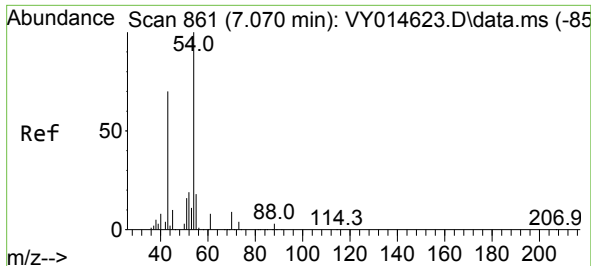
Tgt Ion:113 Resp: 119988
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.352 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 75 Resp: 172537
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 55.166 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.001 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

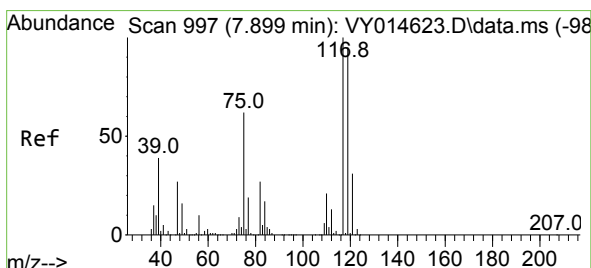
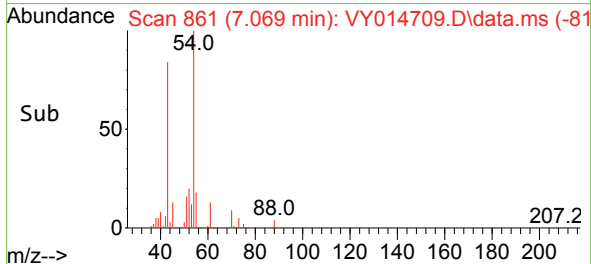
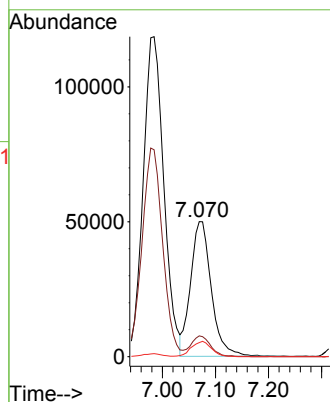
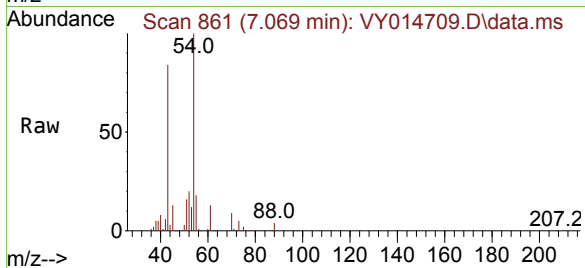
Tgt Ion: 43 Resp: 135531

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.160 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

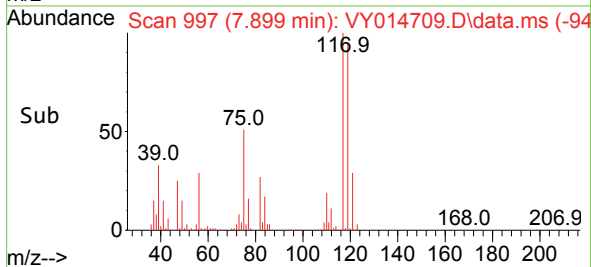
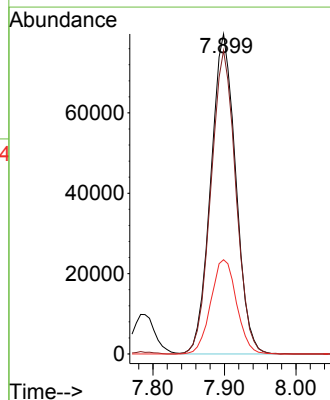
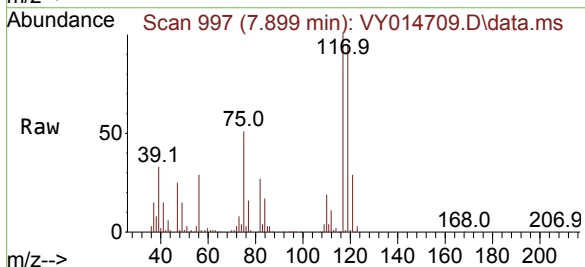
Tgt Ion: 117 Resp: 192978

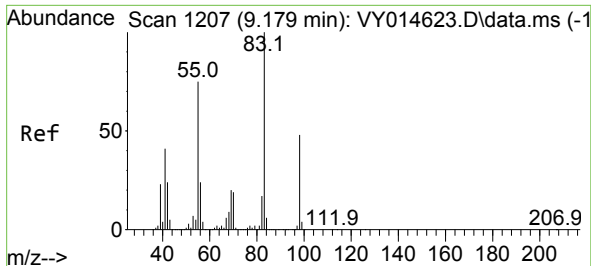
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 29.4 25.8 38.6

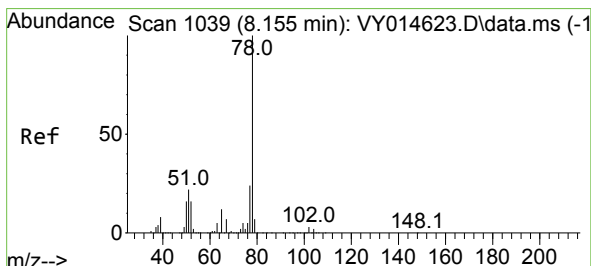
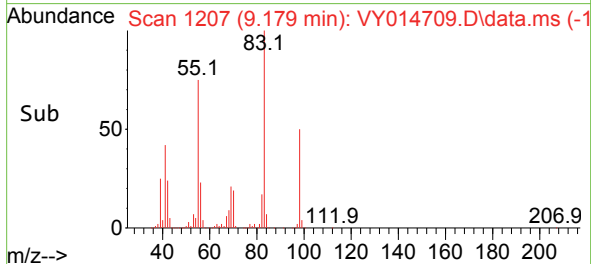
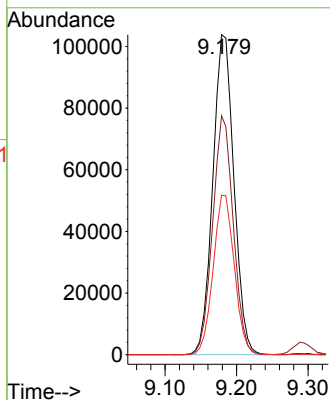
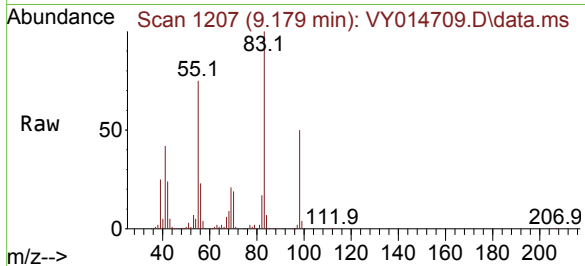




#39
Methylcyclohexane
Concen: 45.770 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

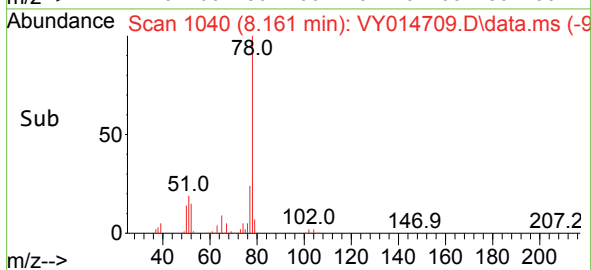
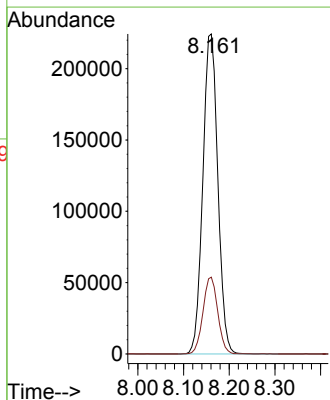
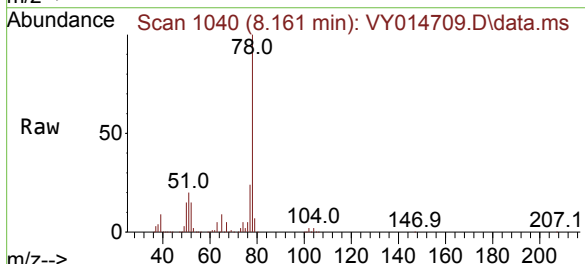
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

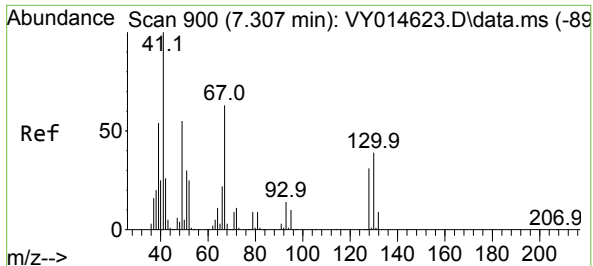
Tgt Ion: 83 Resp: 212778
Ion Ratio Lower Upper
83 100
55 74.6 63.0 94.4
98 49.9 37.4 56.2



#40
Benzene
Concen: 50.228 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 78 Resp: 509733
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

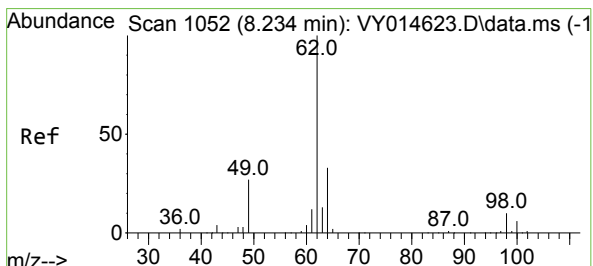
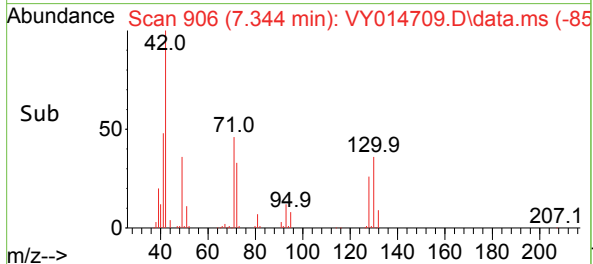
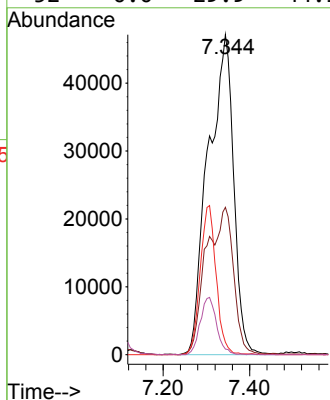
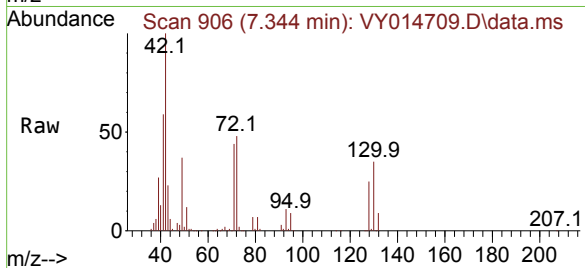




#41
Methacrylonitrile
Concen: 151.921 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

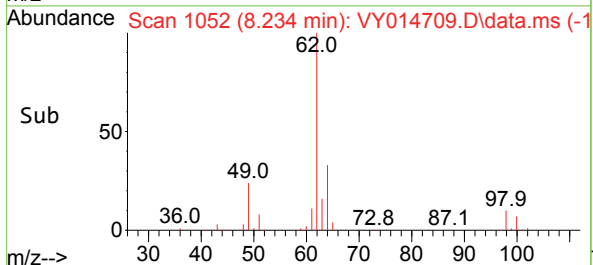
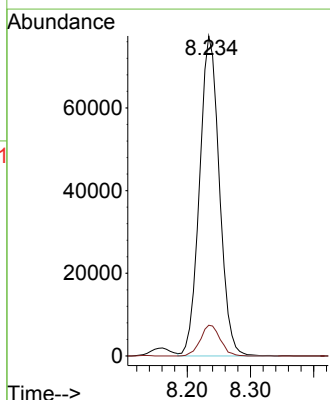
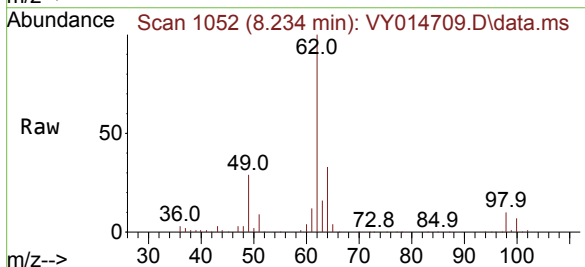
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

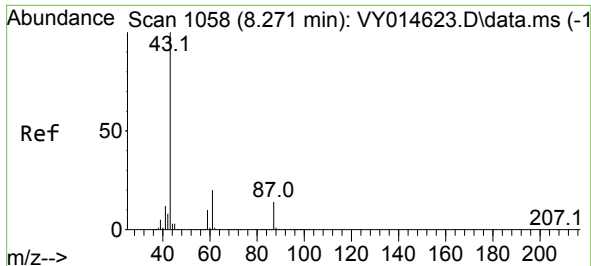
Tgt Ion: 41 Resp: 191977
Ion Ratio Lower Upper
41 100
39 25.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.530 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 62 Resp: 168819
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8

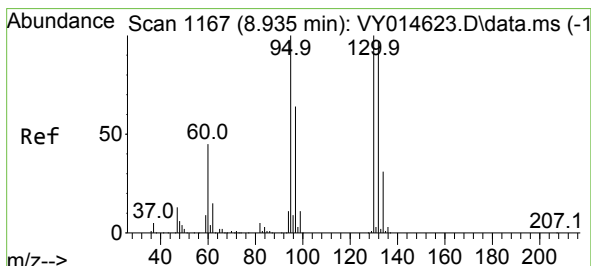
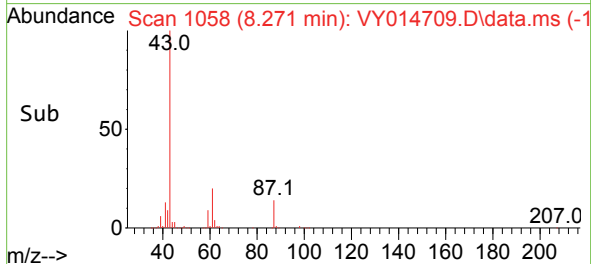
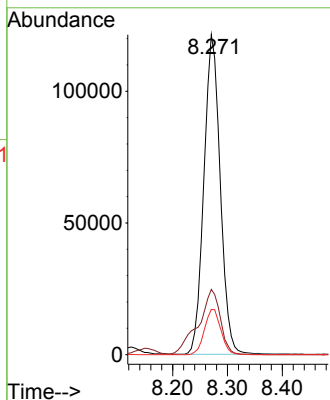
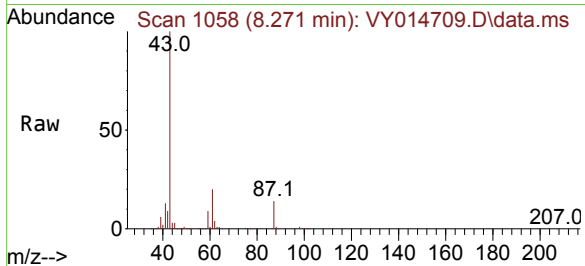




#43
Isopropyl Acetate
Concen: 53.535 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

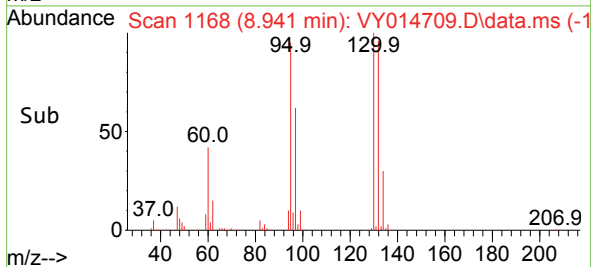
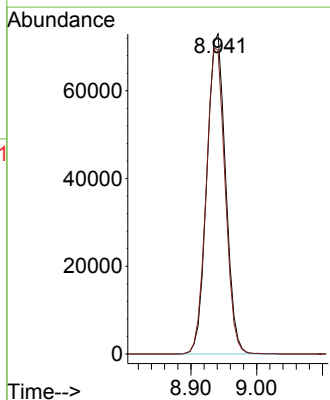
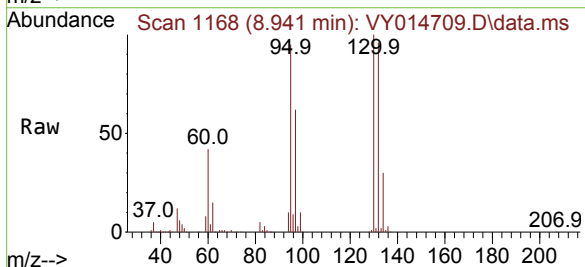
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

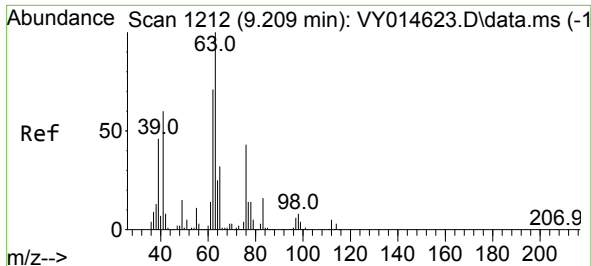
Tgt Ion: 43 Resp: 250543
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 50.913 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion:130 Resp: 144566
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.817 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

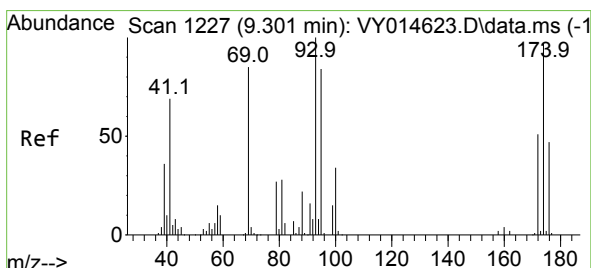
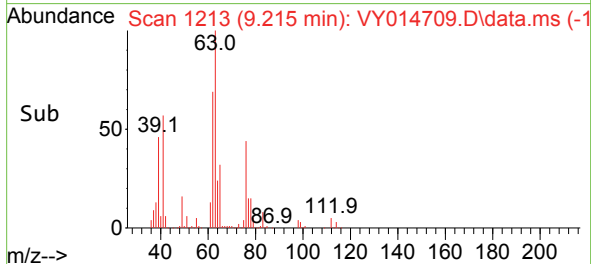
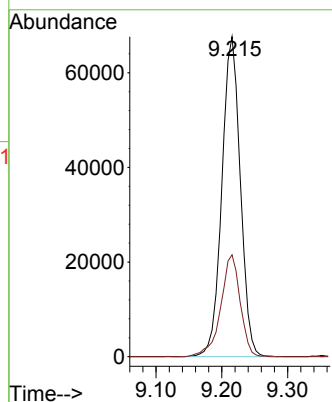
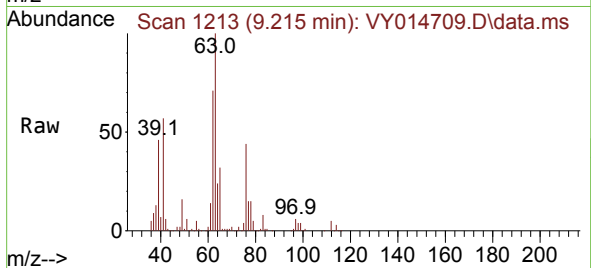
VSTDCCC050EC

Tgt Ion: 63 Resp: 132016

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 53.556 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

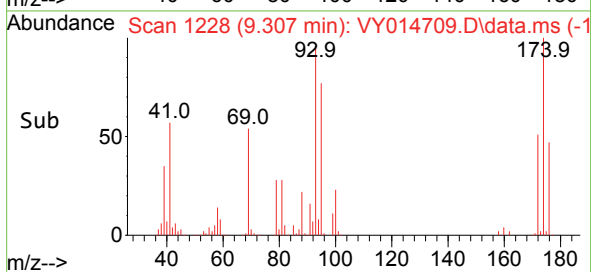
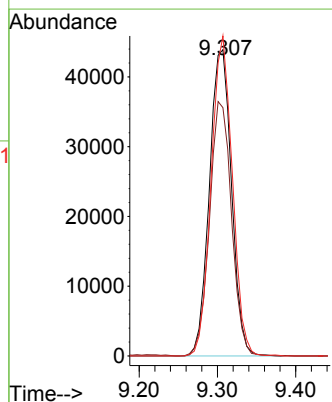
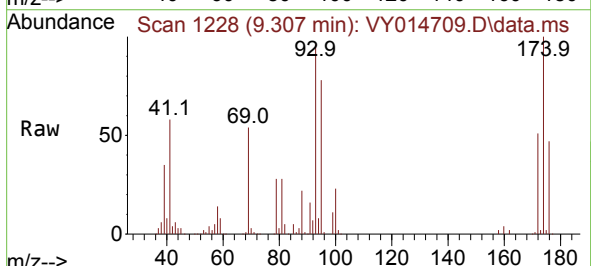
Tgt Ion: 93 Resp: 86098

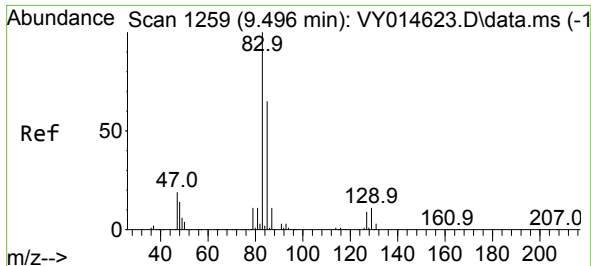
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 100.1 84.8 127.2

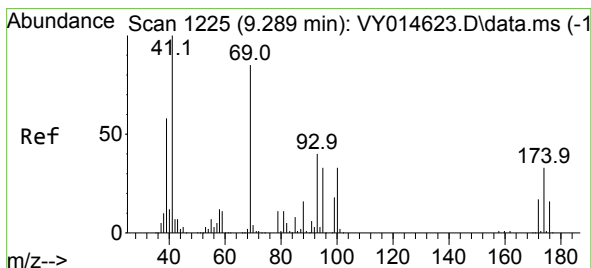
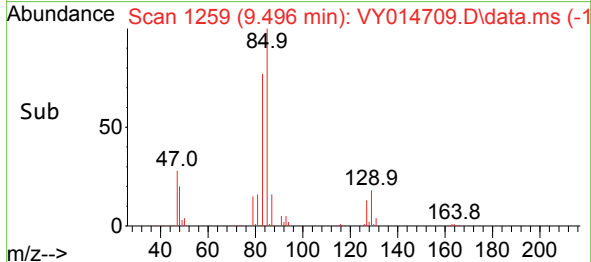
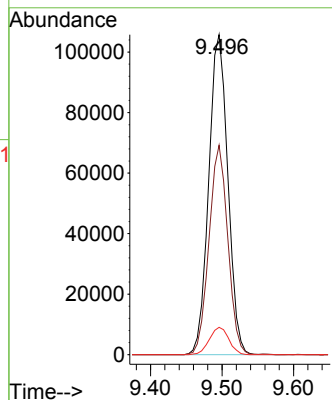
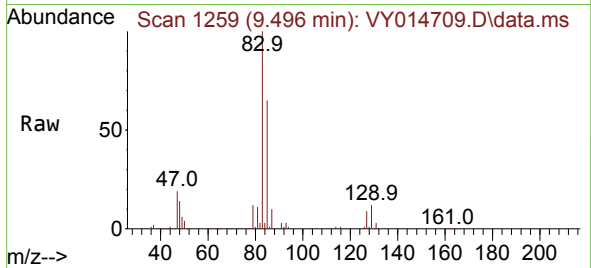




#47
 Bromodichloromethane
 Concen: 51.698 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

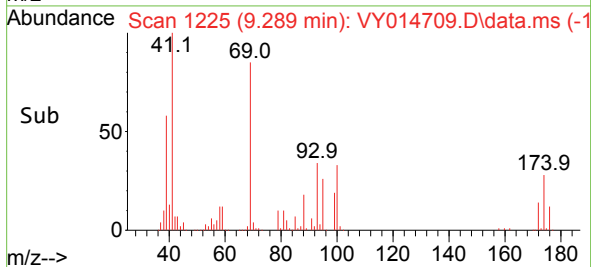
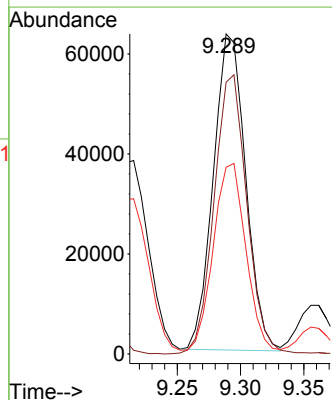
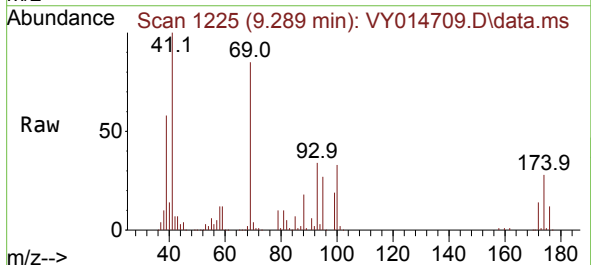
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

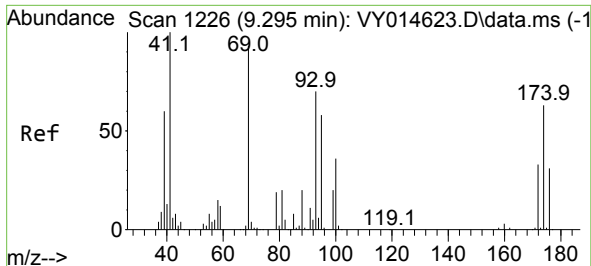
Tgt Ion: 83 Resp: 195883
 Ion Ratio Lower Upper
 83 100
 85 65.5 50.1 75.1
 127 8.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 53.421 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

Tgt Ion: 41 Resp: 112496
 Ion Ratio Lower Upper
 41 100
 69 90.1 64.5 96.7
 39 61.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1206.847 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

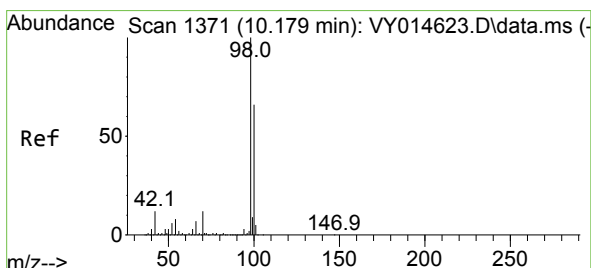
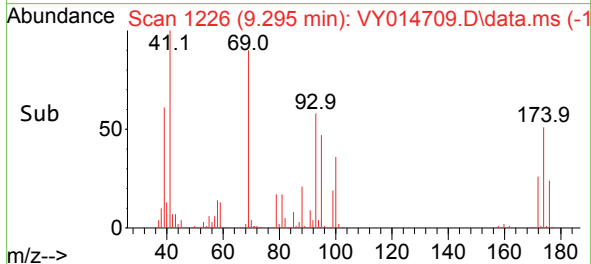
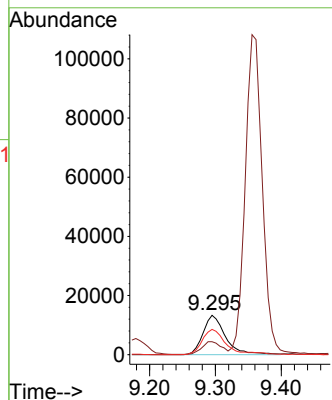
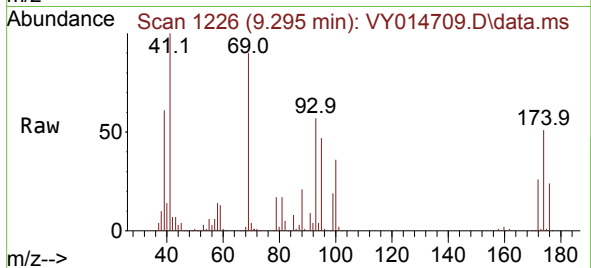
Tgt Ion: 88 Resp: 31636

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0#

58 69.0 30.9 46.3#



#50

Toluene-d8

Concen: 49.149 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014709.D

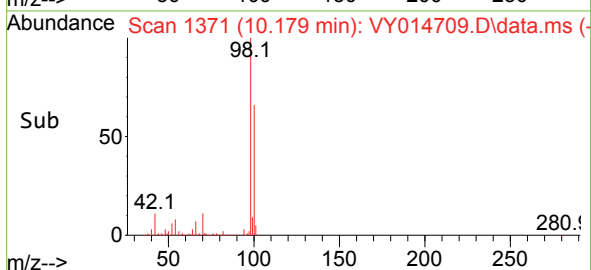
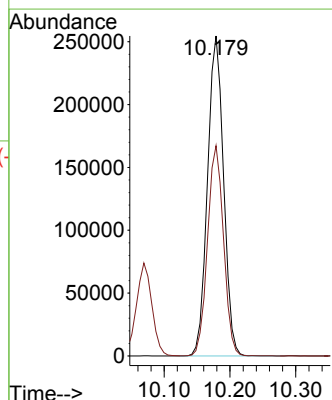
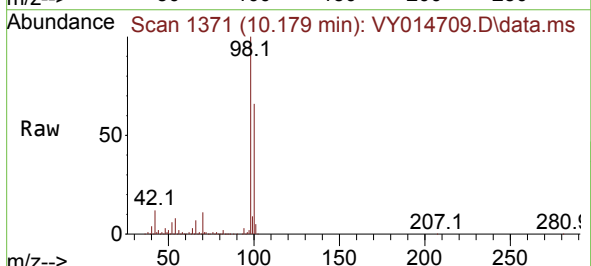
Acq: 18 Jul 2023 18:18

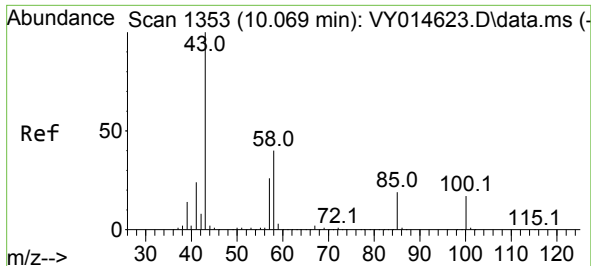
Tgt Ion: 98 Resp: 432366

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

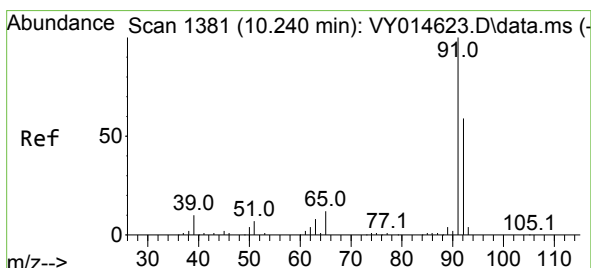
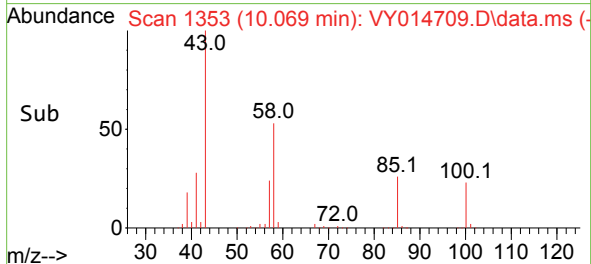
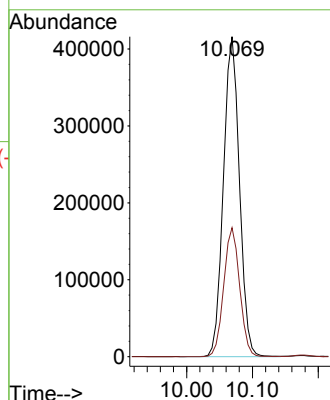
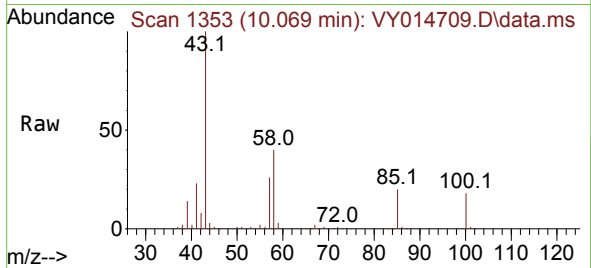




#51
4-Methyl-2-Pentanone
Concen: 286.771 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

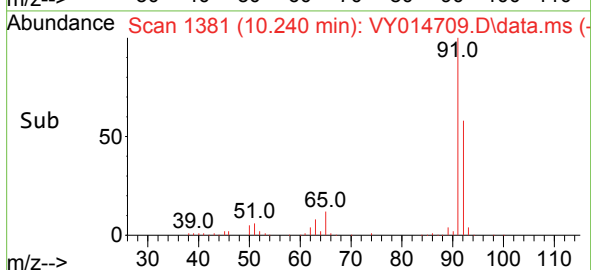
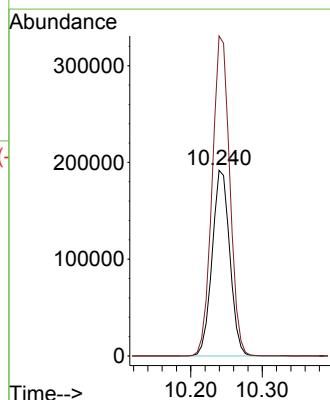
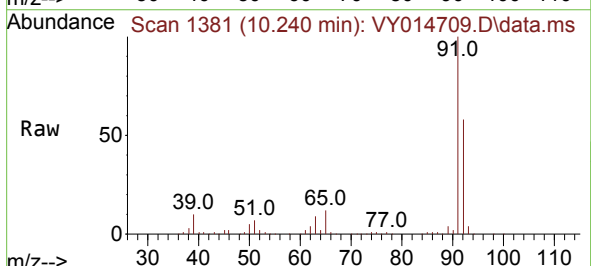
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

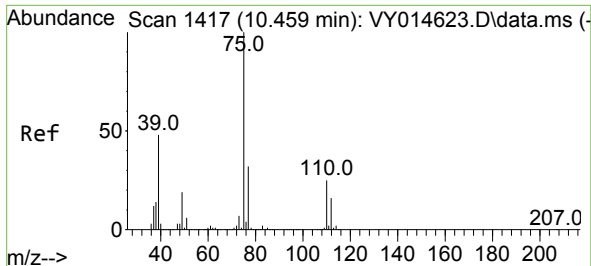
Tgt Ion: 43 Resp: 704648
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 50.591 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 92 Resp: 328536
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

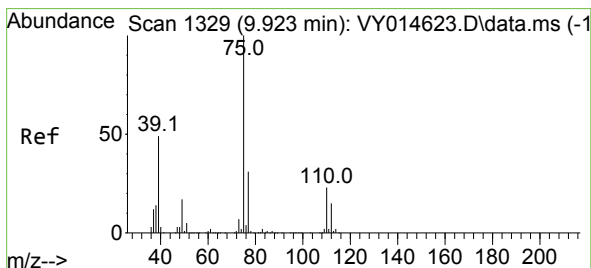
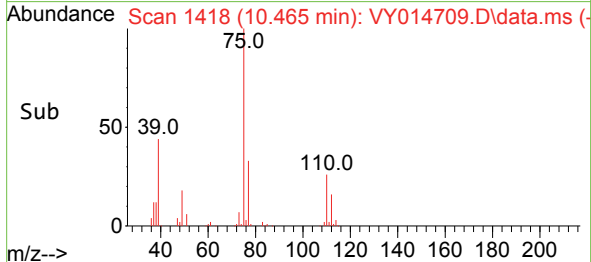
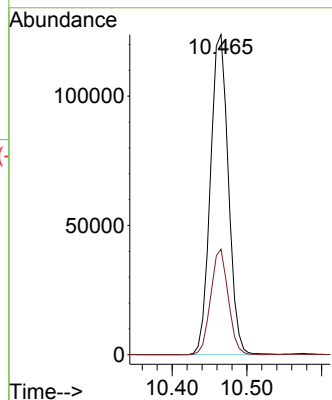
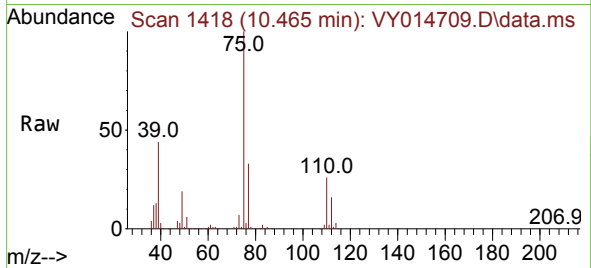




#53
 t-1,3-Dichloropropene
 Concen: 49.931 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

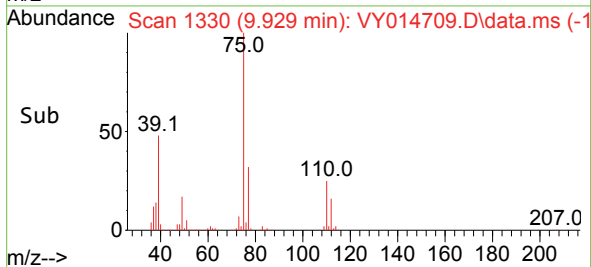
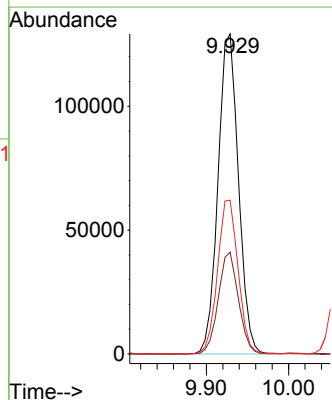
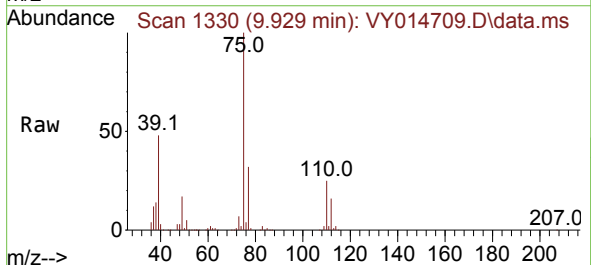
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

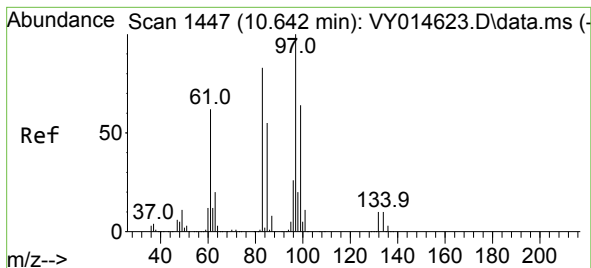
Tgt Ion: 75 Resp: 206941
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.629 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014709.D
 Acq: 18 Jul 2023 18:18

Tgt Ion: 75 Resp: 223681
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 48.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 54.101 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 121151

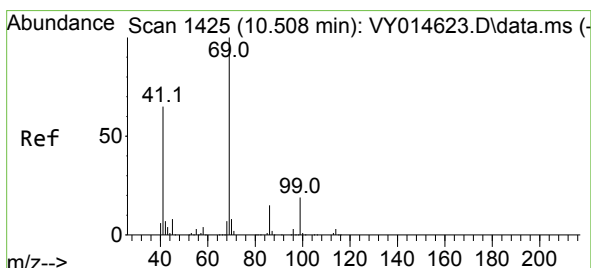
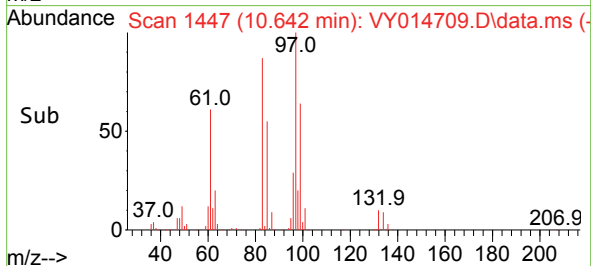
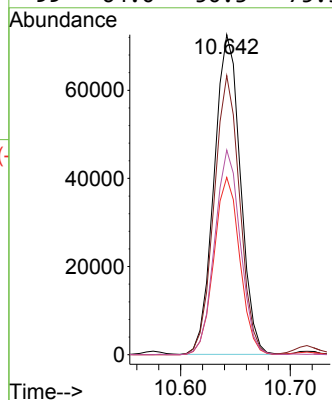
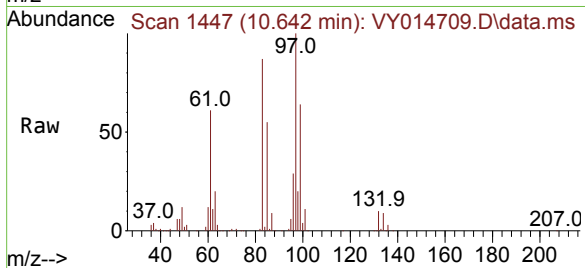
Ion Ratio Lower Upper

97 100

83 87.3 72.0 108.0

85 55.5 45.4 68.0

99 64.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 53.505 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

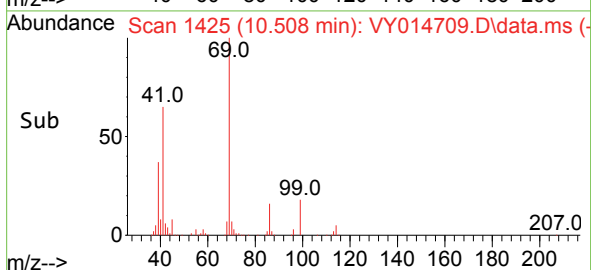
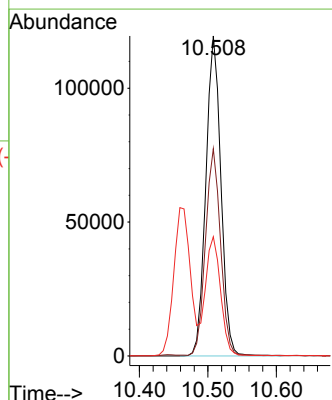
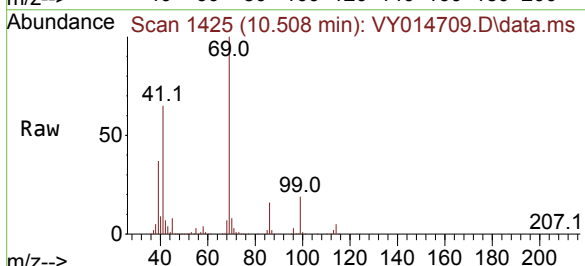
Tgt Ion: 69 Resp: 182940

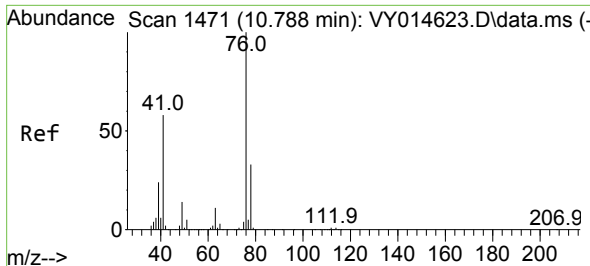
Ion Ratio Lower Upper

69 100

41 64.4 57.6 86.4

39 37.9 34.1 51.1

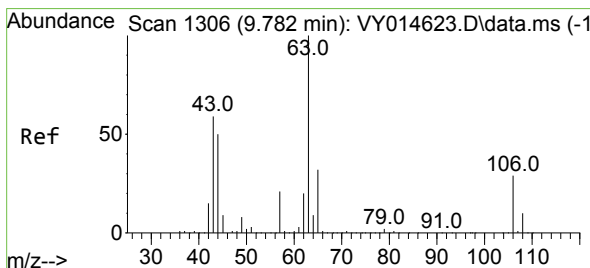
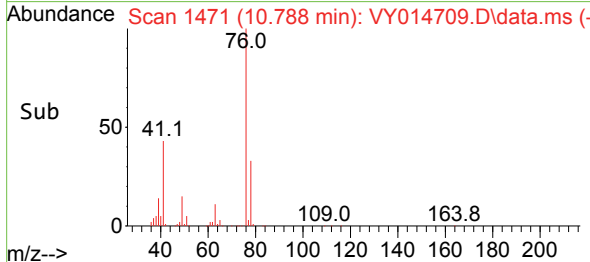
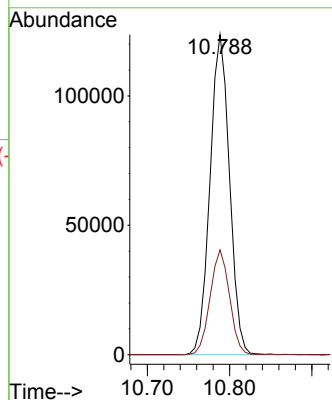
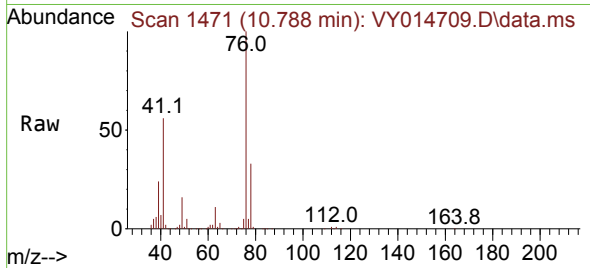




#57
1,3-Dichloropropane
Concen: 52.653 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

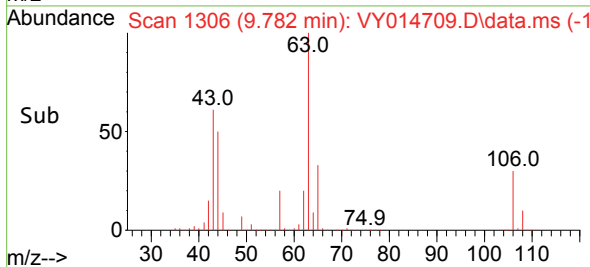
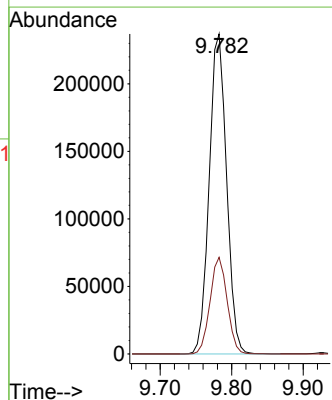
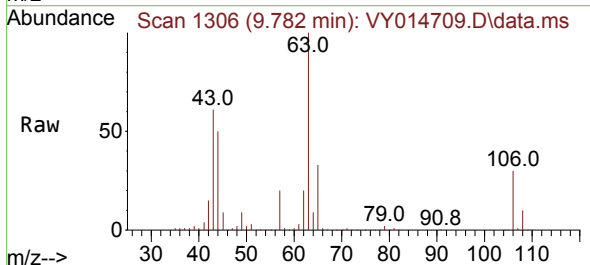
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

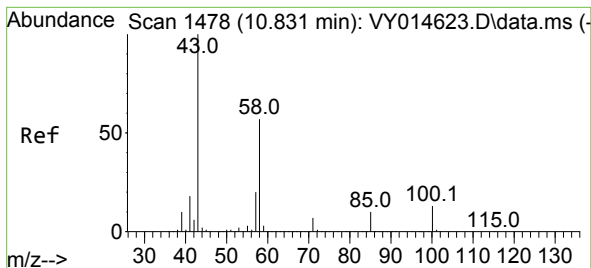
Tgt Ion: 76 Resp: 203370
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 250.806 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 63 Resp: 399565
Ion Ratio Lower Upper
63 100
106 29.7 21.2 31.8

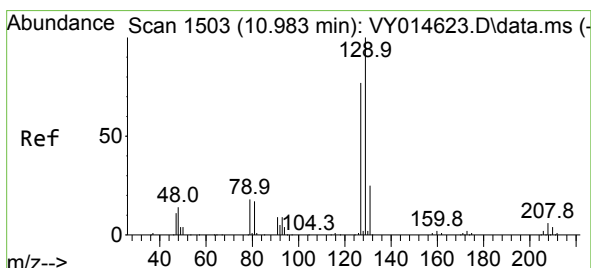
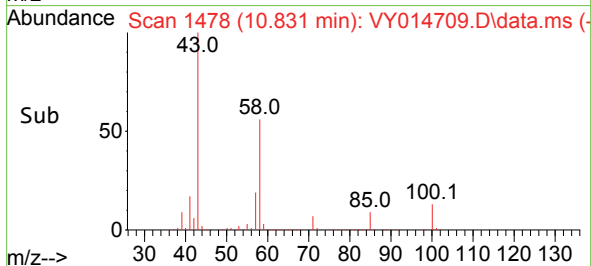
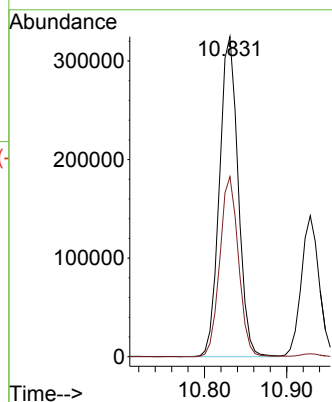
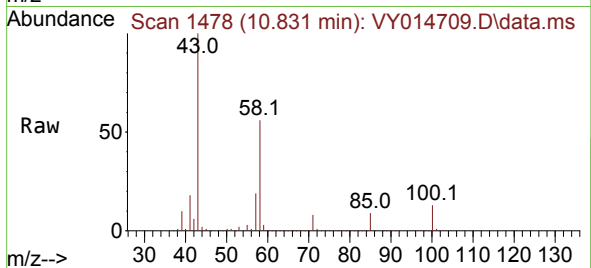




#59
2-Hexanone
Concen: 285.682 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

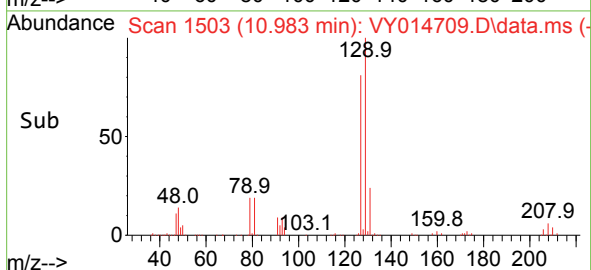
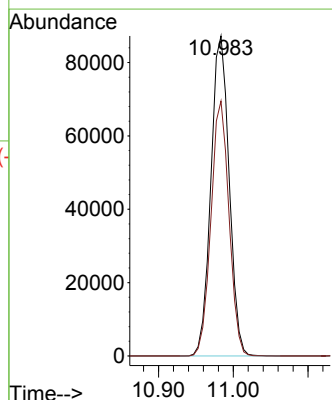
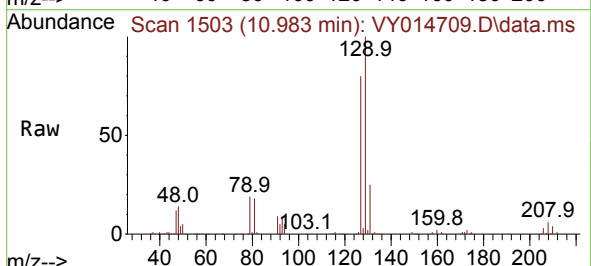
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

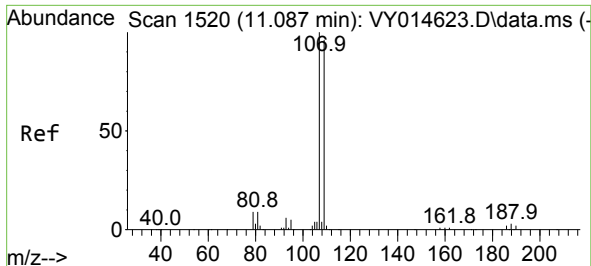
Tgt Ion: 43 Resp: 511917
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 53.880 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 129 Resp: 147933
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

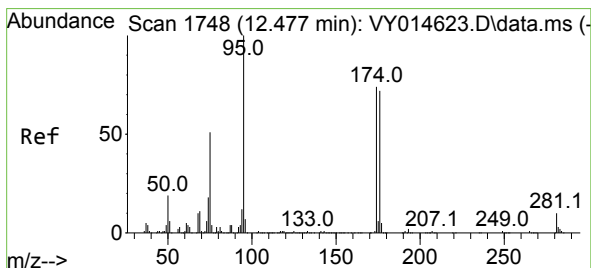
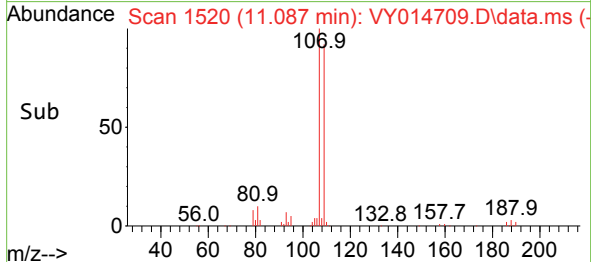
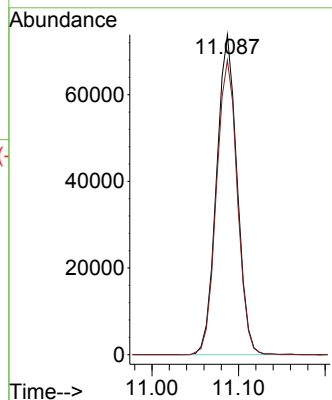
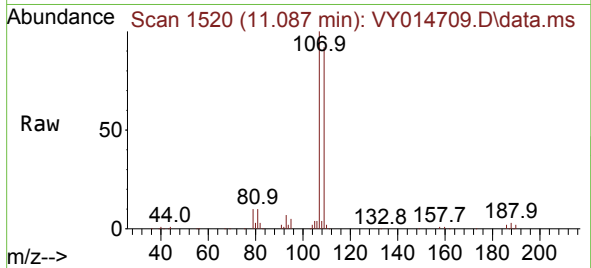




#61
1,2-Dibromoethane
Concen: 54.374 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

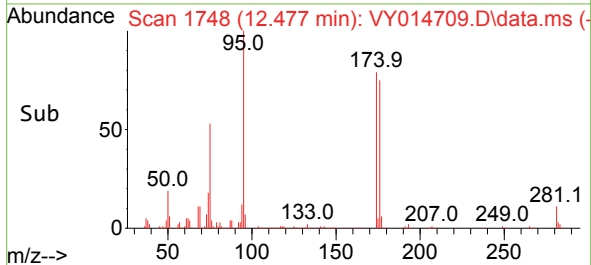
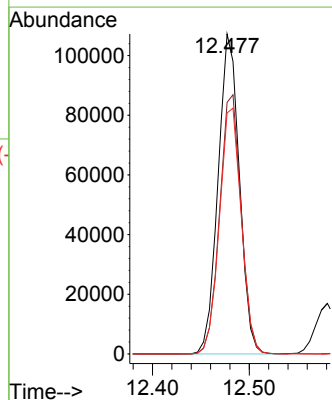
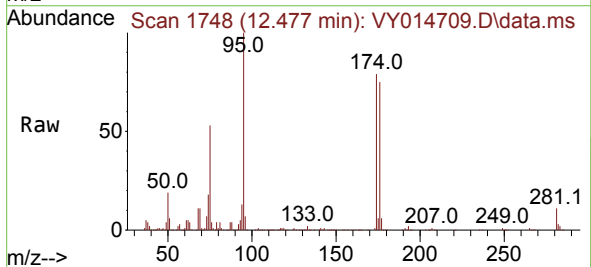
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

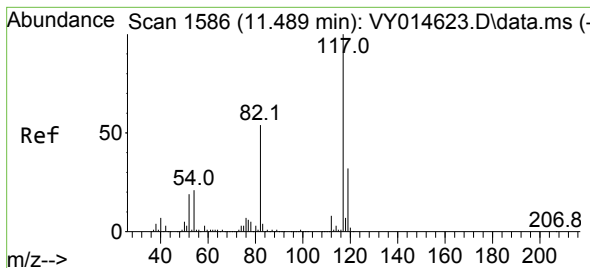
Tgt Ion:107 Resp: 121471
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 95 Resp: 163535
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 79.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

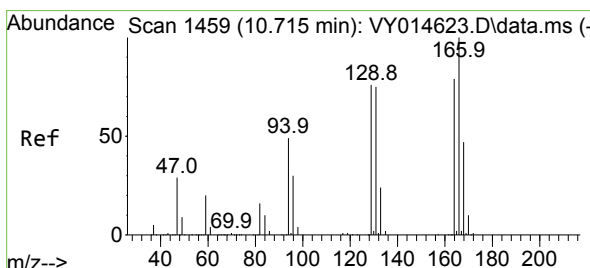
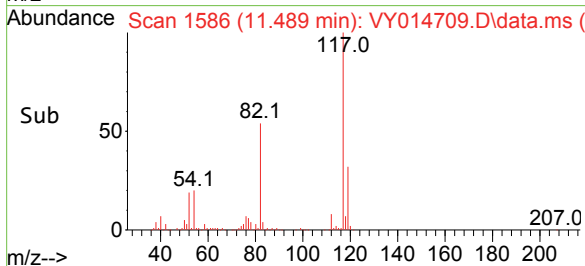
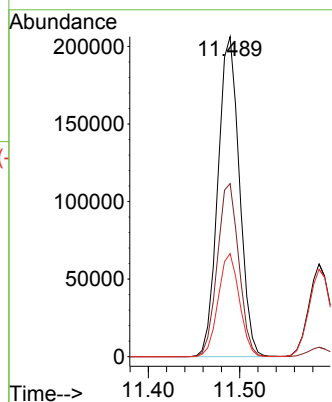
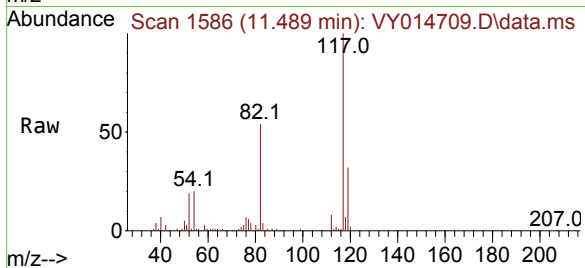
Tgt Ion:117 Resp: 336363

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 50.733 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Tgt Ion:164 Resp: 137245

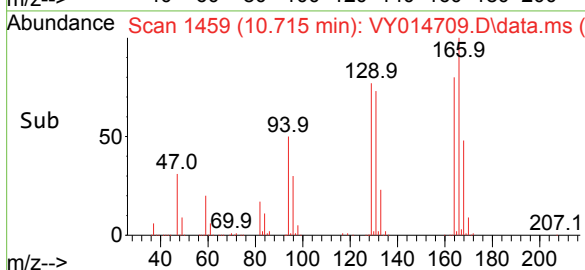
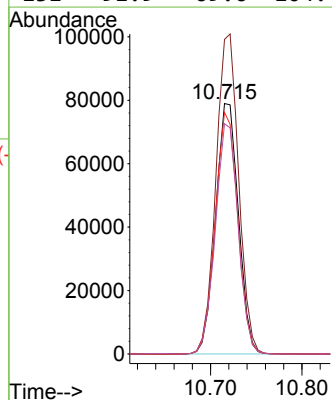
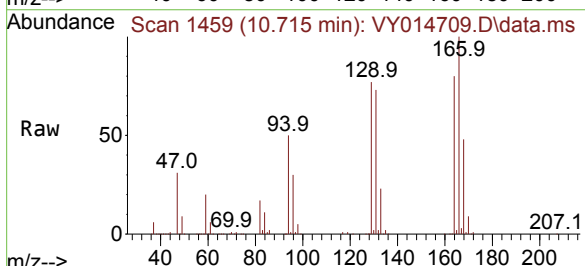
Ion Ratio Lower Upper

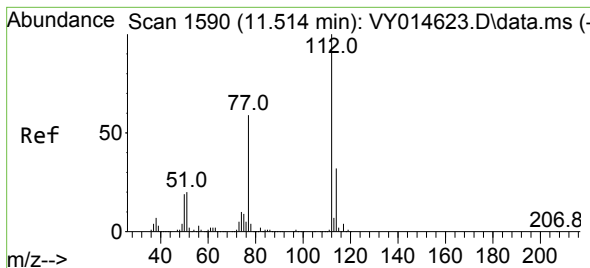
164 100

166 125.6 103.0 154.6

129 96.5 77.2 115.8

131 91.9 69.6 104.4

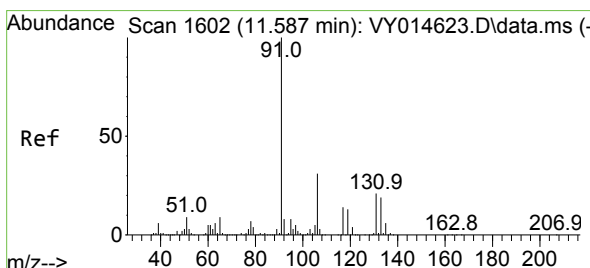
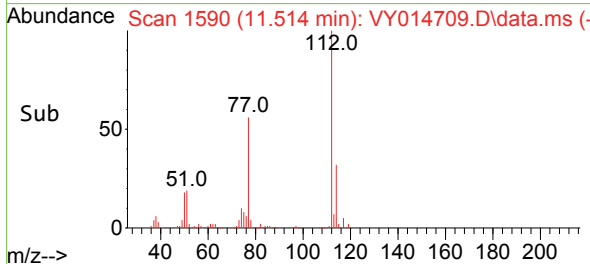
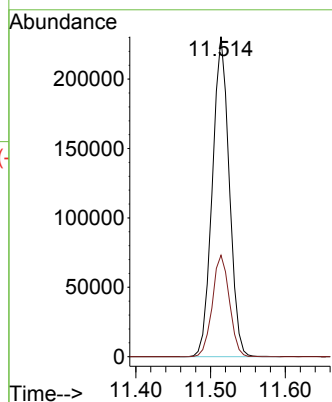
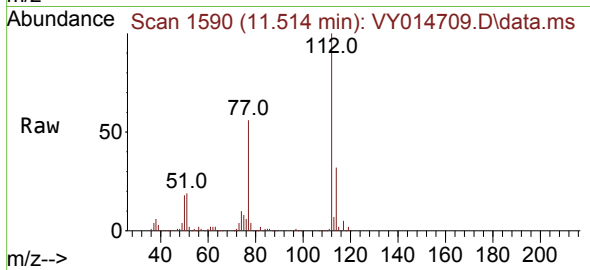




#65
Chlorobenzene
Concen: 50.593 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

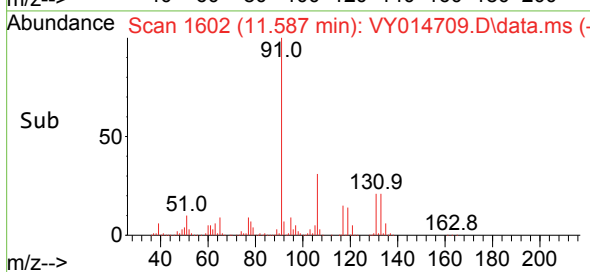
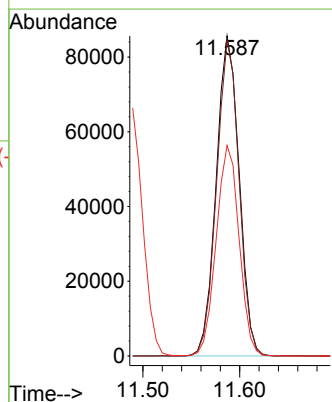
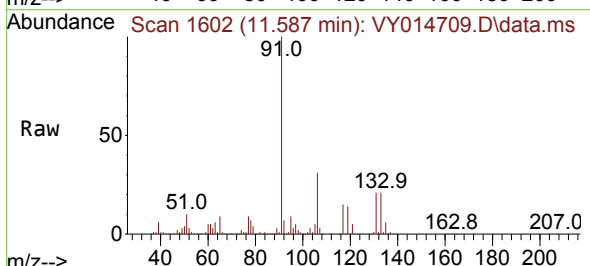
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

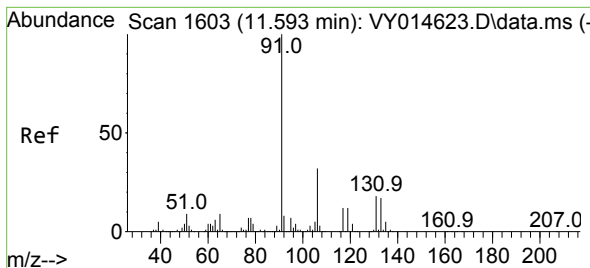
Tgt Ion:112 Resp: 362637
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.144 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion:131 Resp: 140923
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 49.756 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

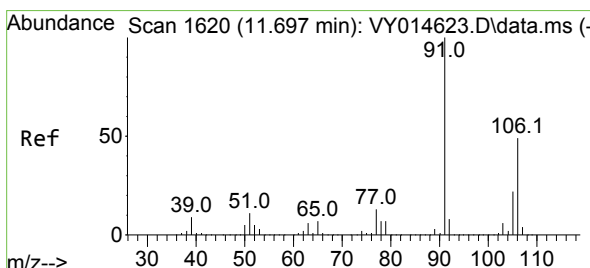
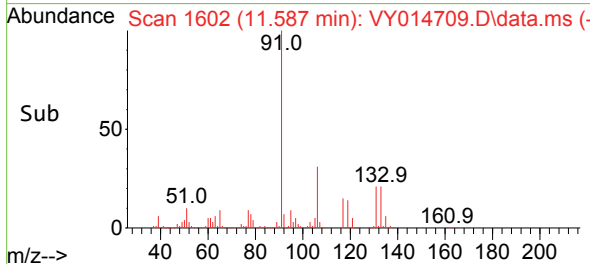
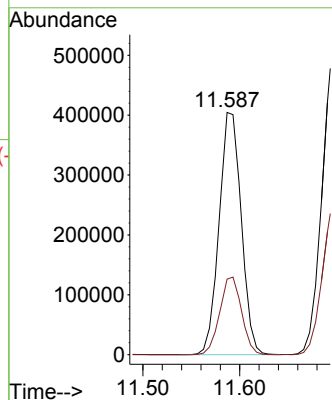
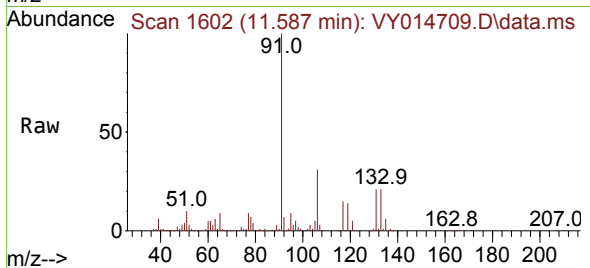
VSTDCCC050EC

Tgt Ion: 91 Resp: 643913

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 101.679 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014709.D

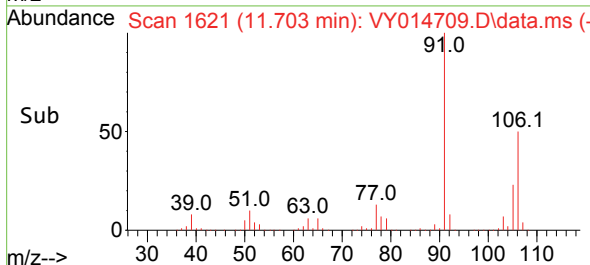
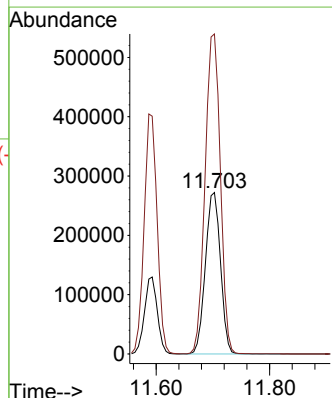
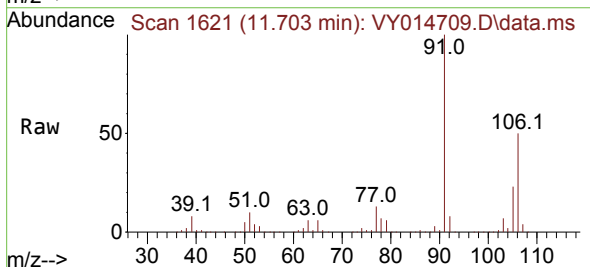
Acq: 18 Jul 2023 18:18

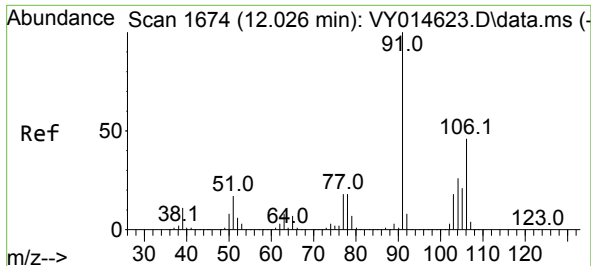
Tgt Ion:106 Resp: 502306

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1

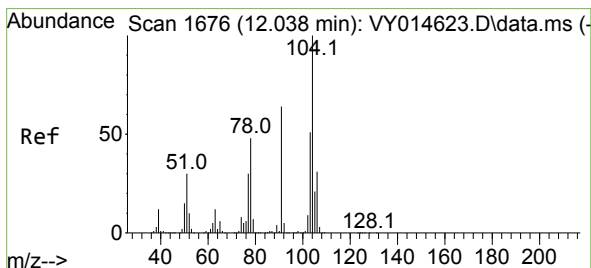
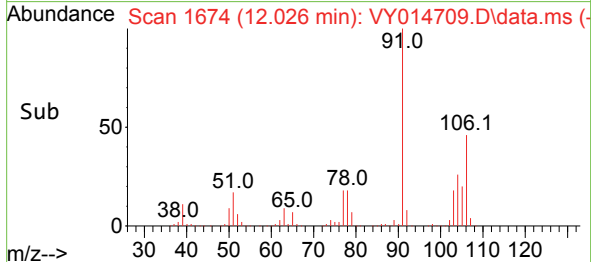
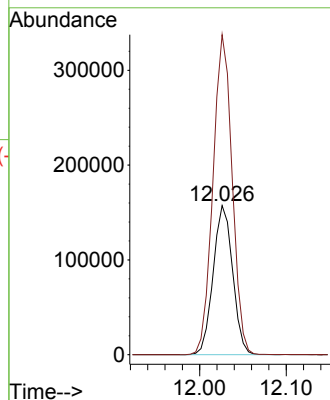
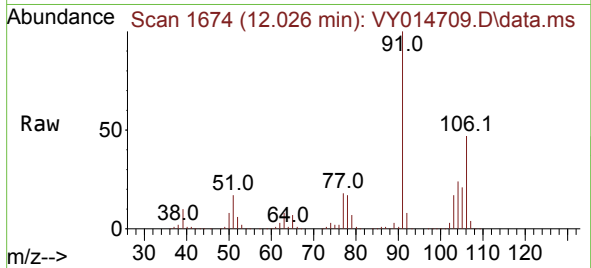




#69
o-Xylene
Concen: 50.984 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

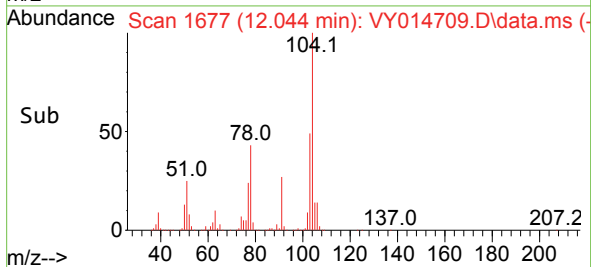
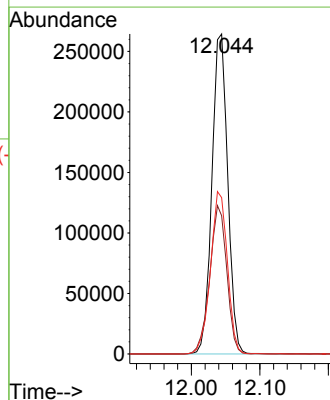
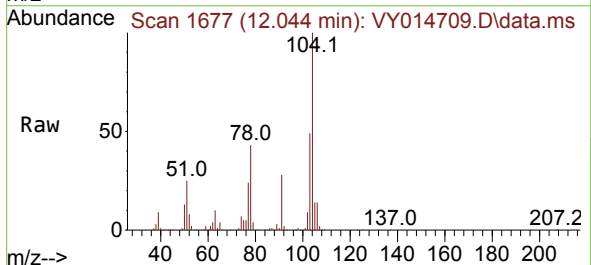
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

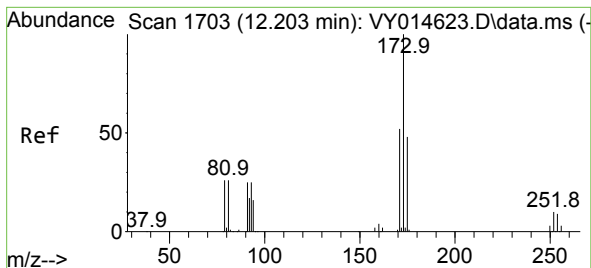
Tgt Ion:106 Resp: 245321
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#70
Styrene
Concen: 52.214 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion:104 Resp: 423444
Ion Ratio Lower Upper
104 100
78 49.9 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 56.106 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

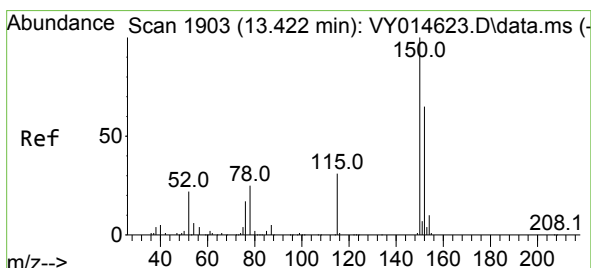
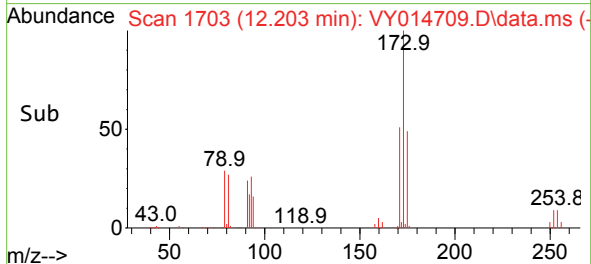
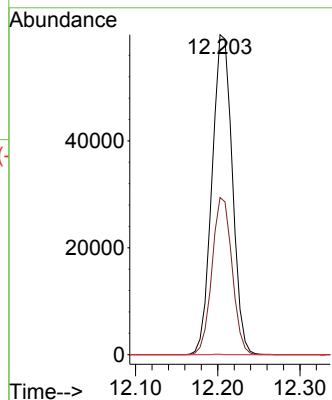
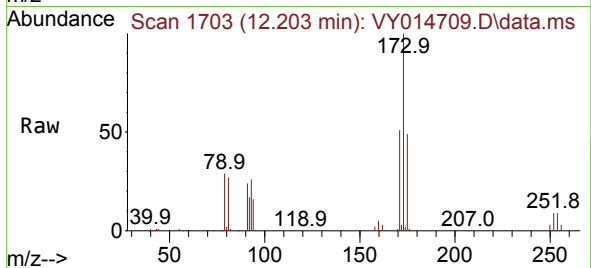
Tgt Ion:173 Resp: 102780

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

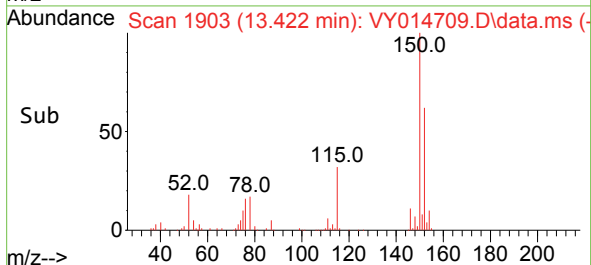
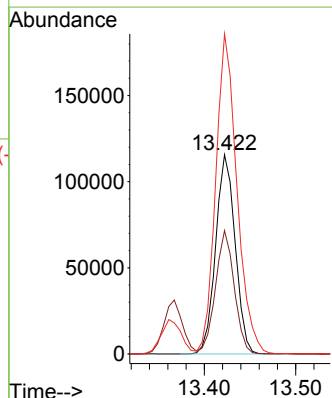
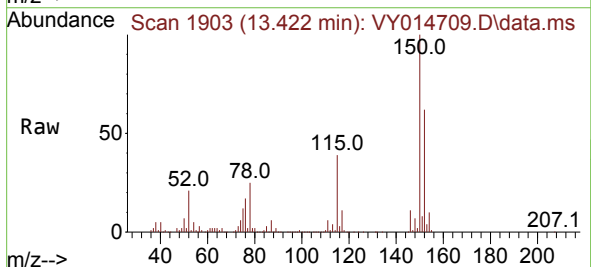
Tgt Ion:152 Resp: 171601

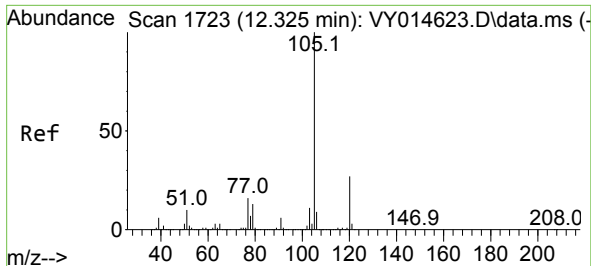
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 174.8 0.0 348.8

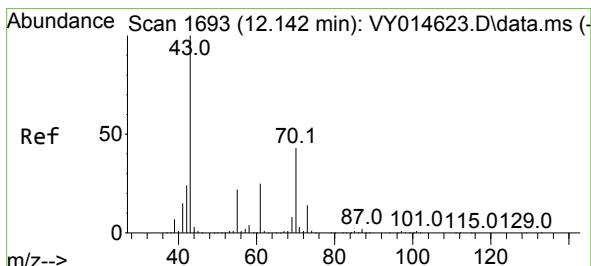
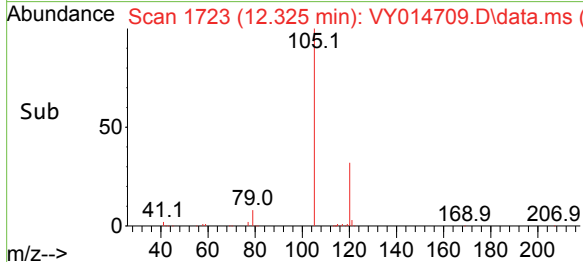
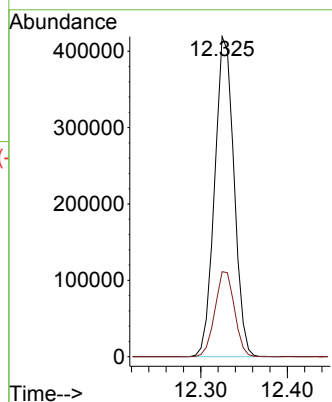
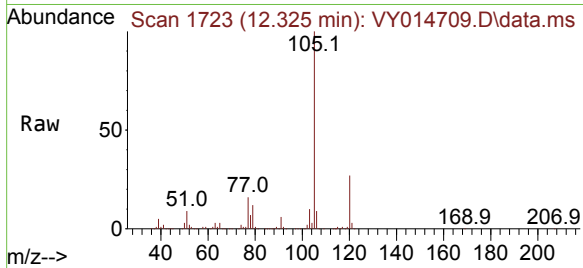




#73
Isopropylbenzene
Concen: 48.373 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

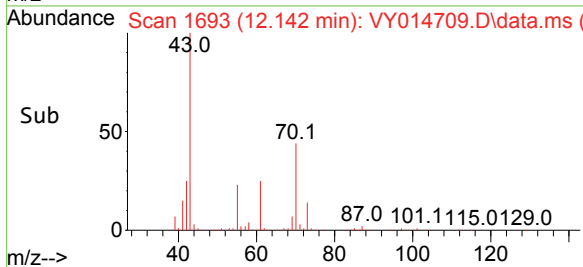
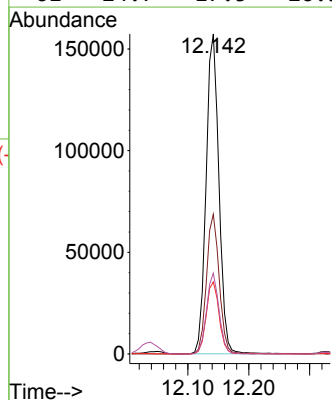
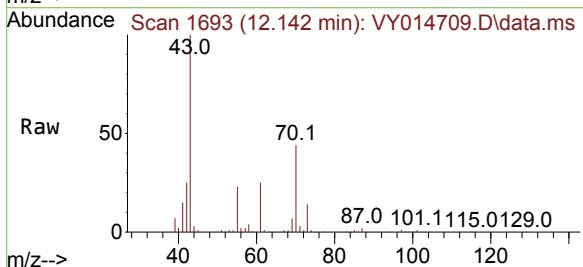
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

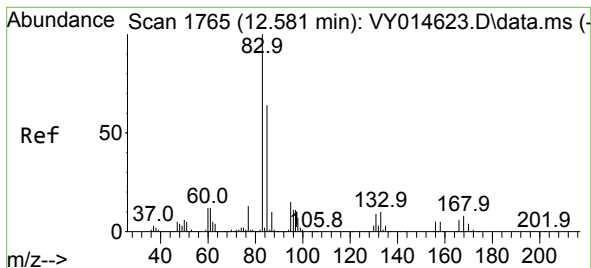
Tgt Ion:105 Resp: 649957
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 51.217 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 43 Resp: 230484
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 22.6 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 53.242 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

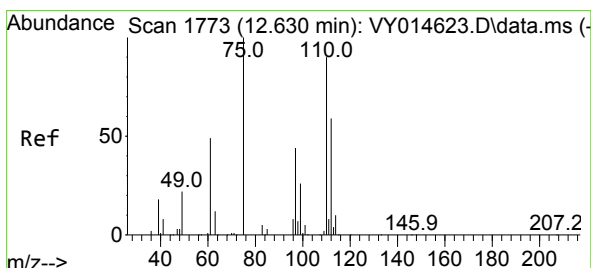
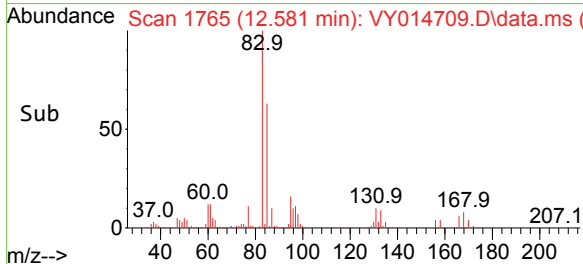
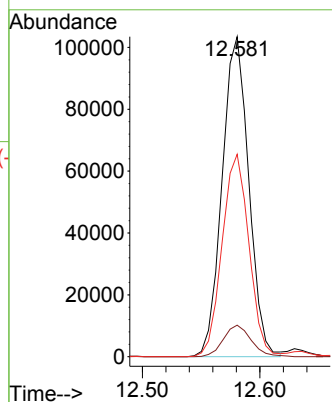
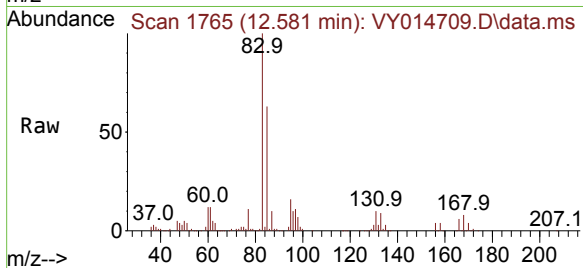
Tgt Ion: 83 Resp: 163139

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 96.267 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014709.D

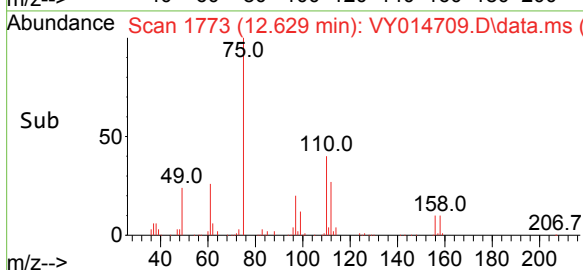
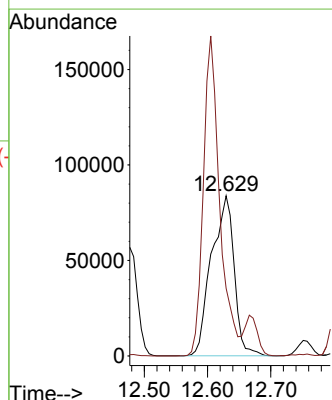
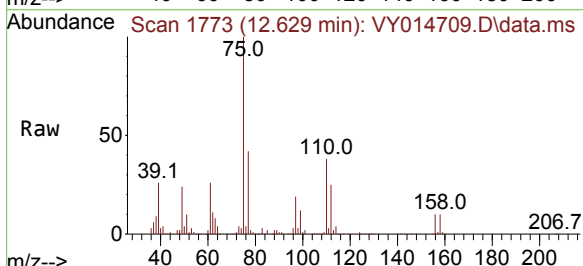
Acq: 18 Jul 2023 18:18

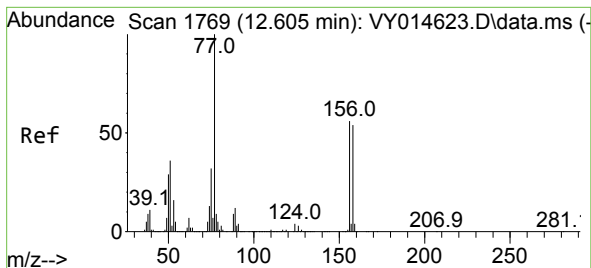
Tgt Ion: 75 Resp: 208637

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.668 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

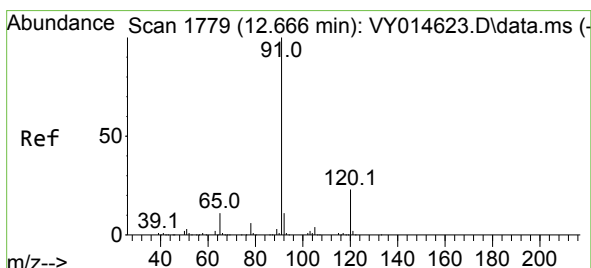
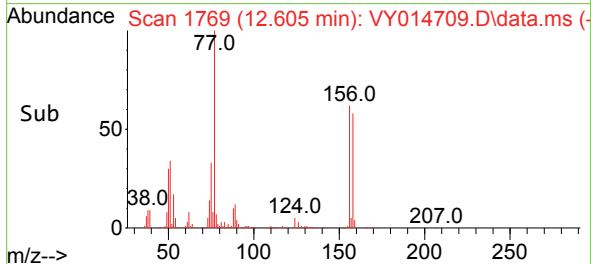
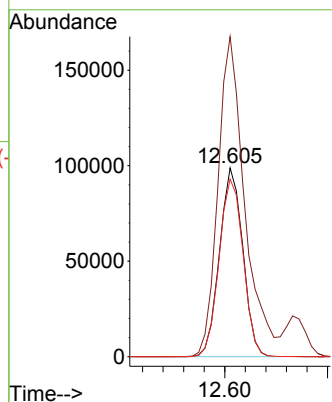
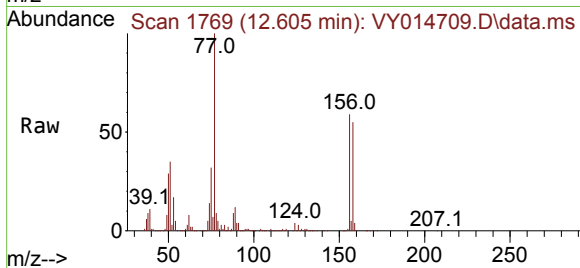
Tgt Ion:156 Resp: 155403

Ion Ratio Lower Upper

156 100

77 193.1 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.154 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014709.D

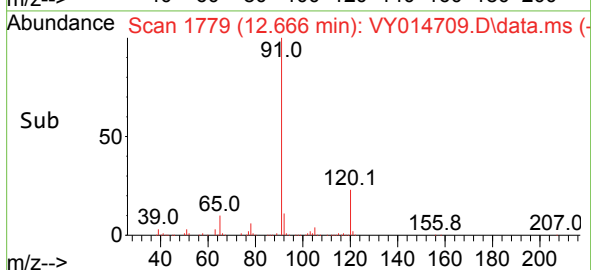
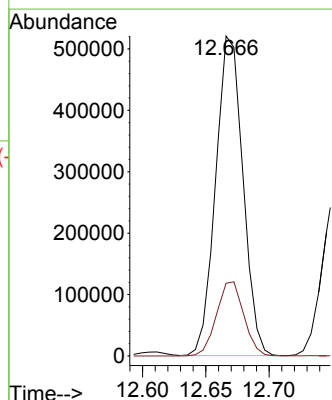
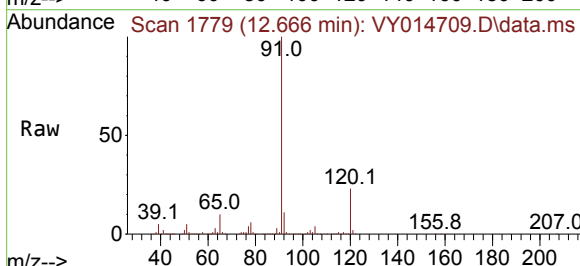
Acq: 18 Jul 2023 18:18

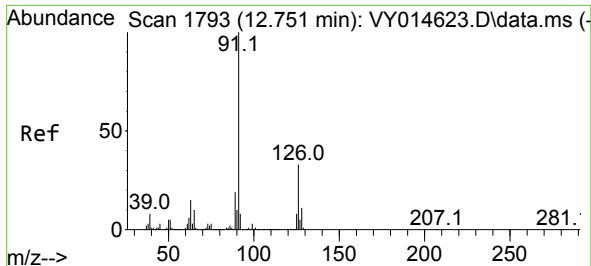
Tgt Ion: 91 Resp: 779672

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

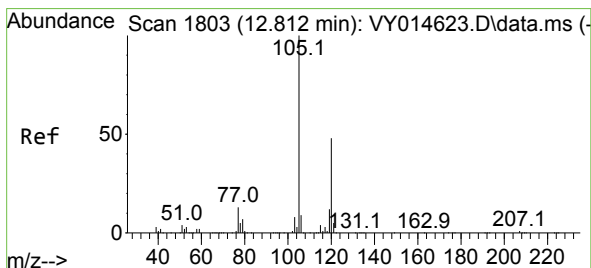
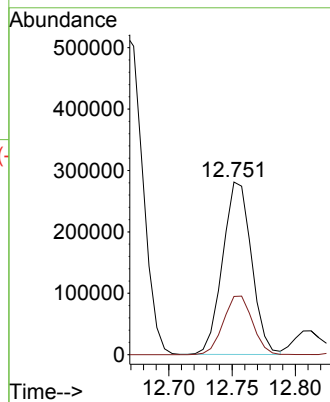
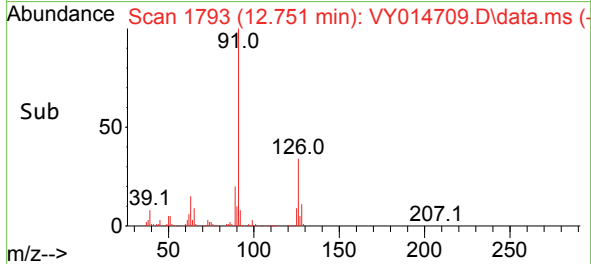
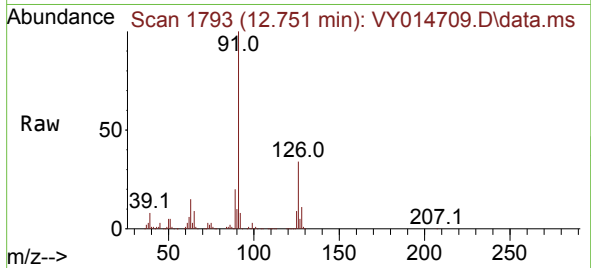




#79
2-Chlorotoluene
Concen: 47.867 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

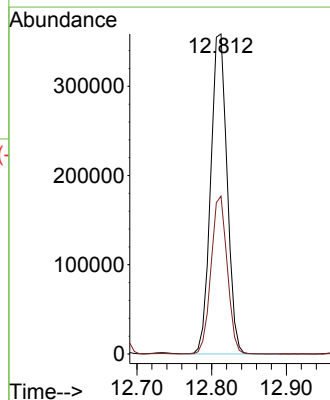
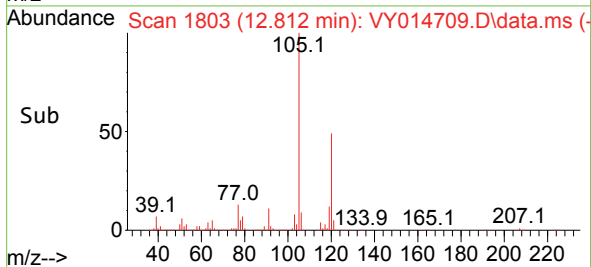
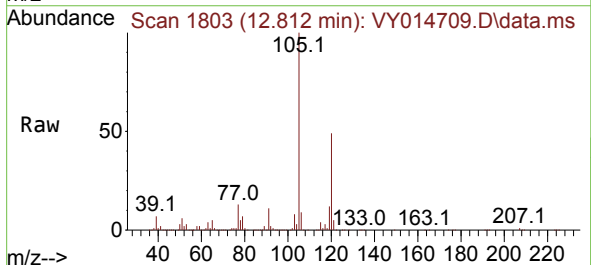
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

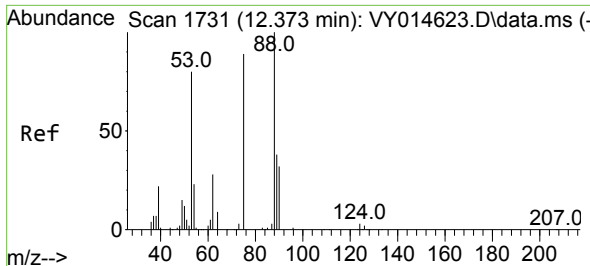
Tgt Ion: 91 Resp: 446392
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.597 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 105 Resp: 545326
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

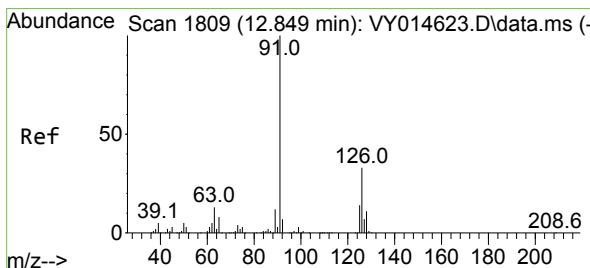
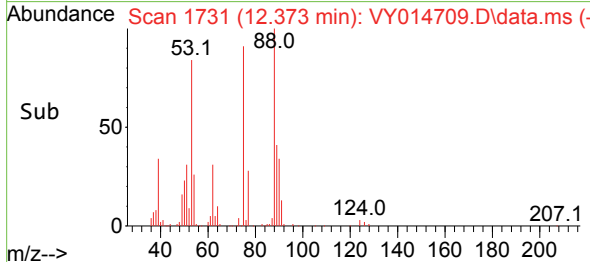
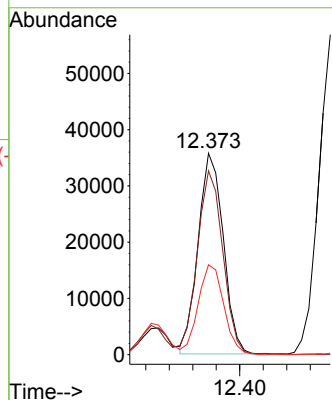
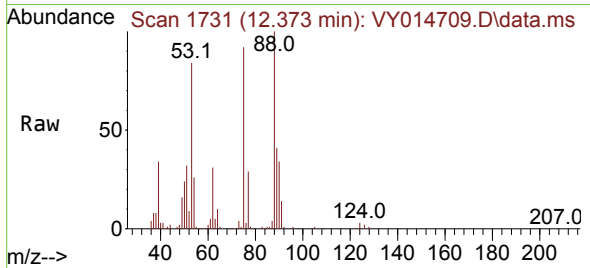




#81
trans-1,4-Dichloro-2-butene
Concen: 47.472 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

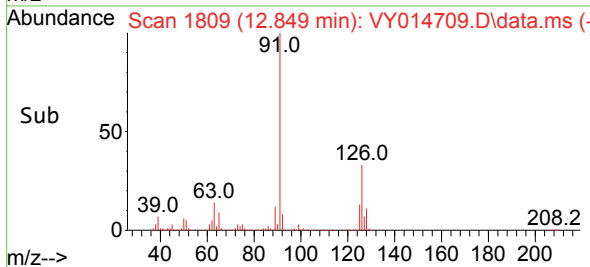
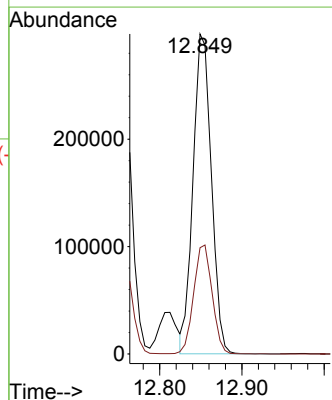
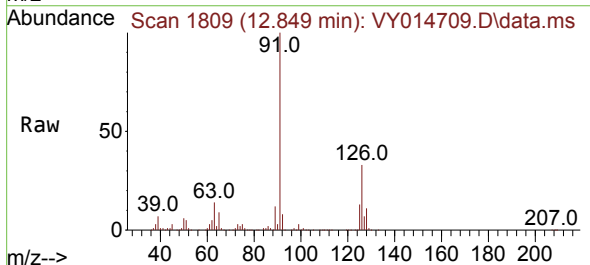
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

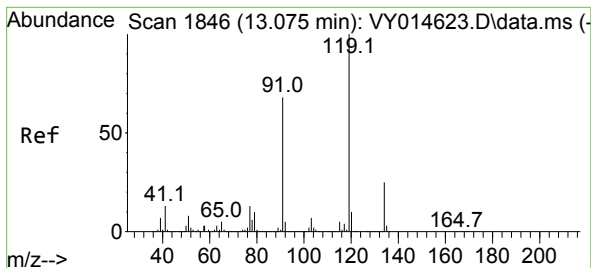
Tgt Ion: 75 Resp: 53138
Ion Ratio Lower Upper
75 100
53 93.6 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.948 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 91 Resp: 460517
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.875 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

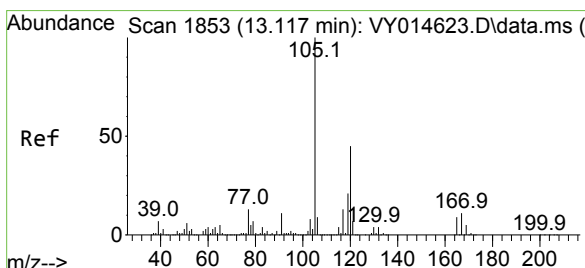
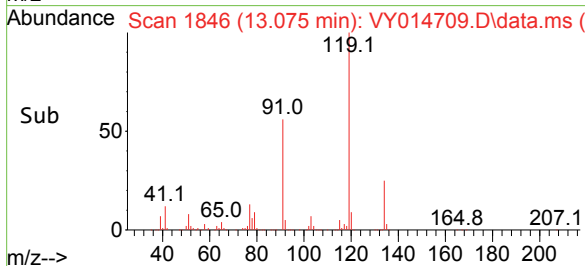
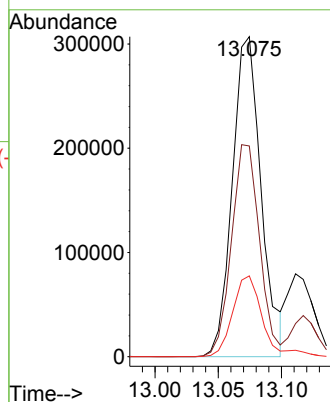
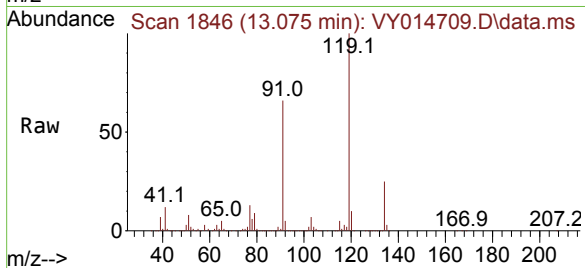
Tgt Ion:119 Resp: 486505

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.896 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014709.D

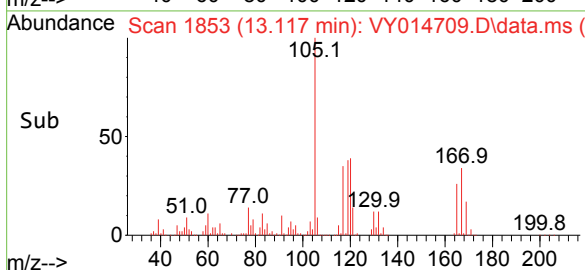
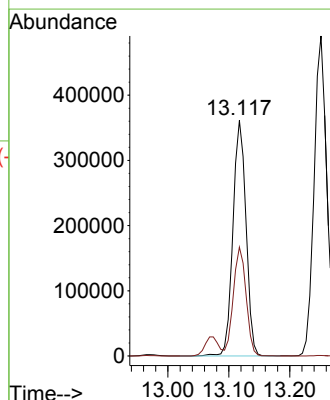
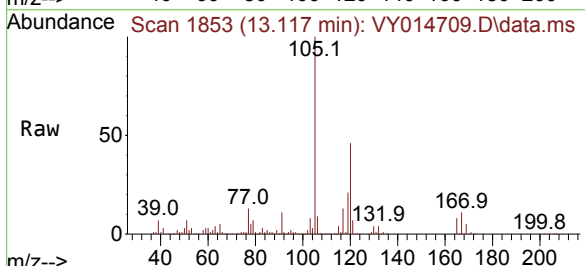
Acq: 18 Jul 2023 18:18

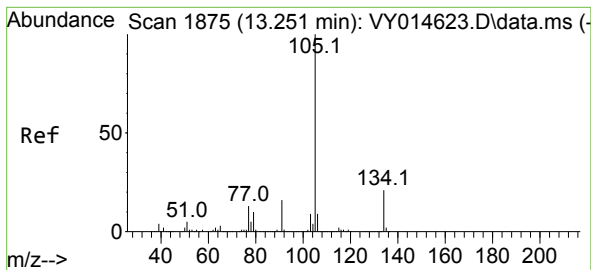
Tgt Ion:105 Resp: 538460

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.719 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

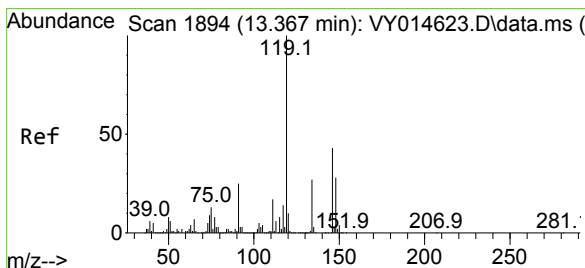
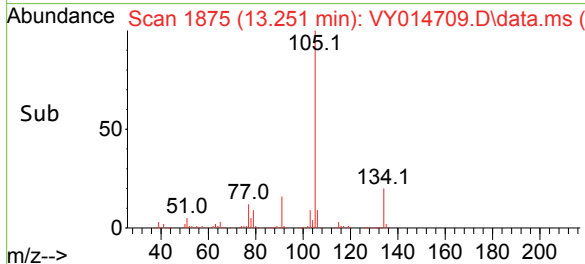
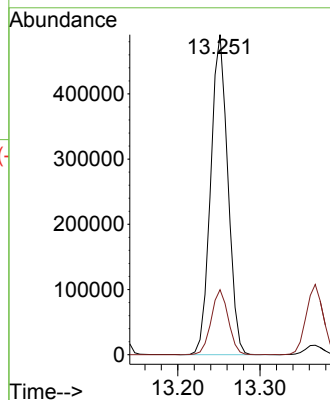
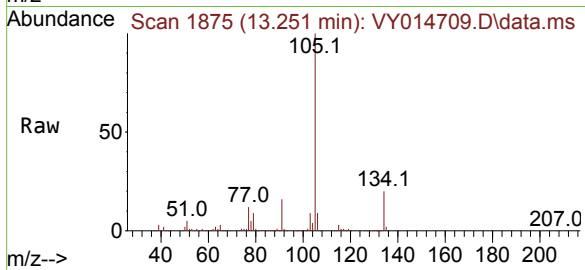
VSTDCCC050EC

Tgt Ion:105 Resp: 711390

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.386 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

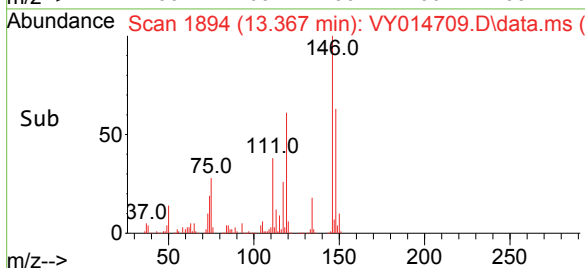
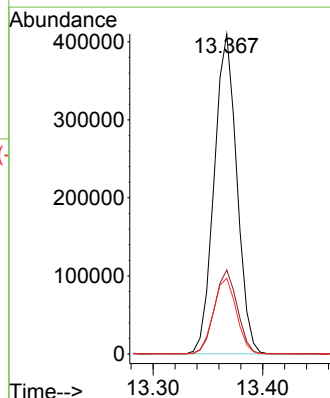
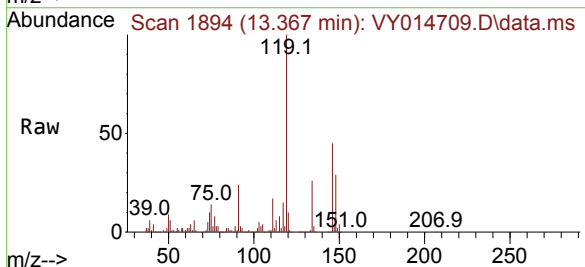
Tgt Ion:119 Resp: 588781

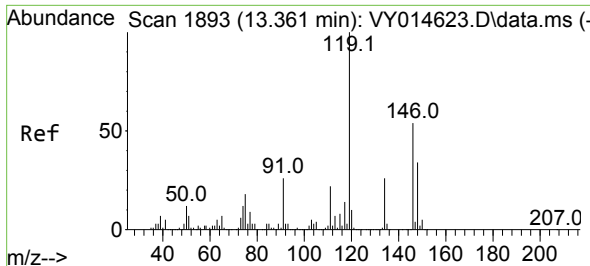
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 24.1 12.4 37.4

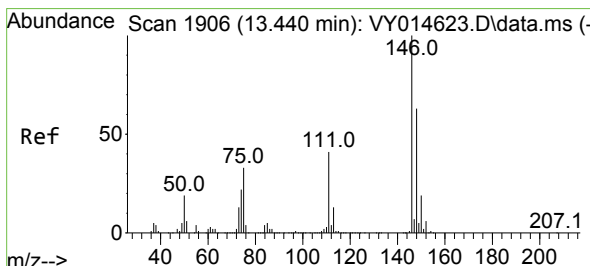
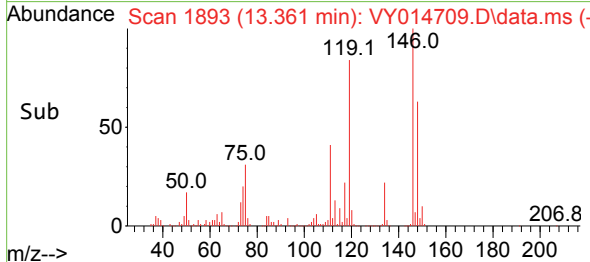
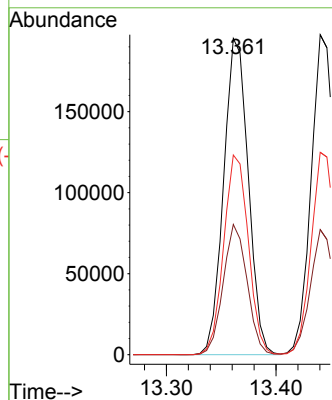
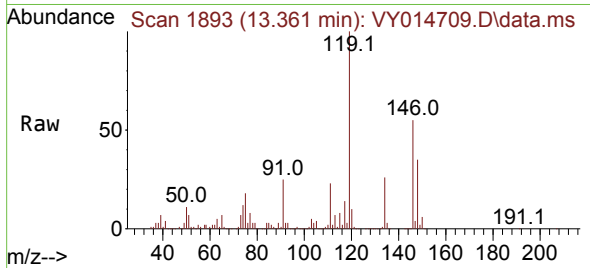




#87
1,3-Dichlorobenzene
Concen: 51.085 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

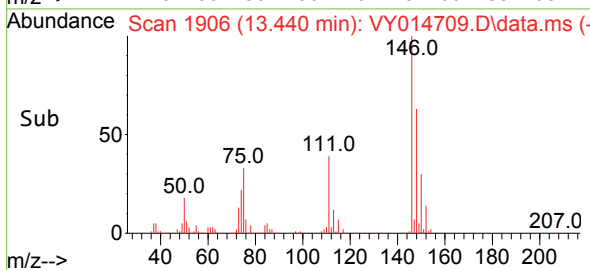
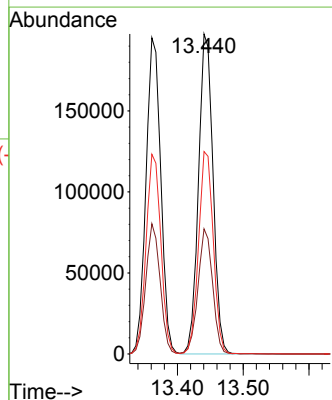
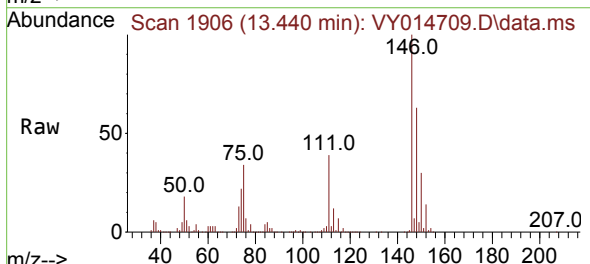
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

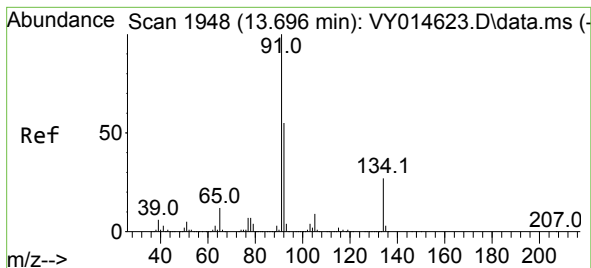
Tgt Ion:146 Resp: 304944
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 63.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.696 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion:146 Resp: 303249
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 47.879 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

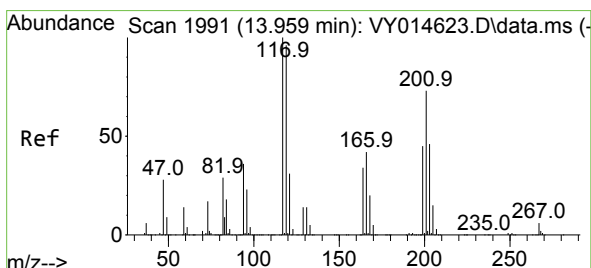
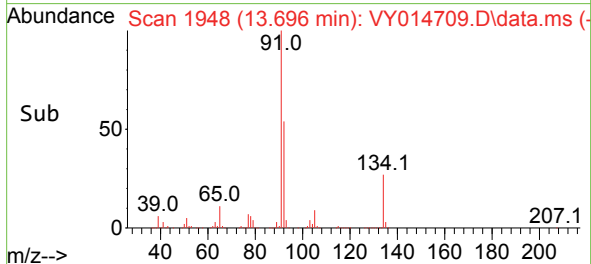
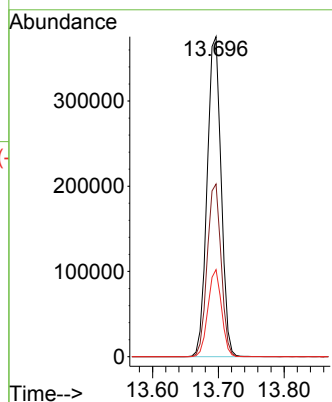
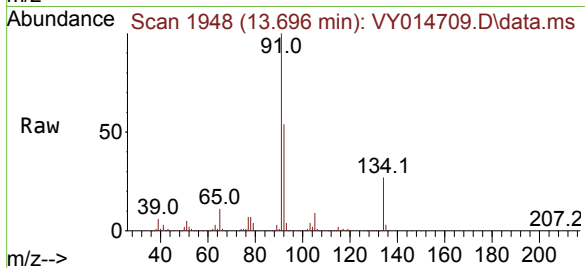
Tgt Ion: 91 Resp: 555354

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 47.862 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014709.D

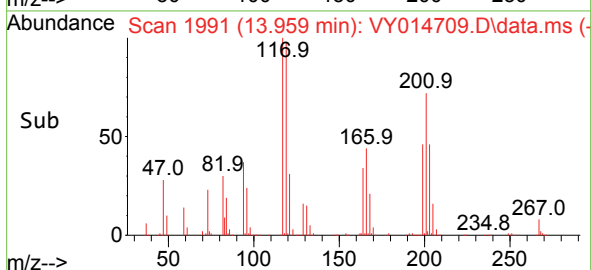
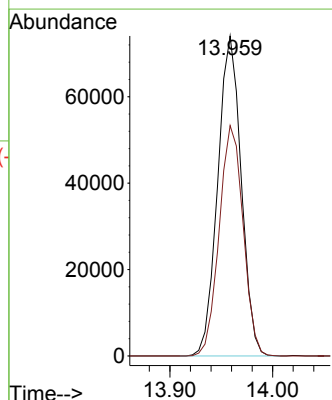
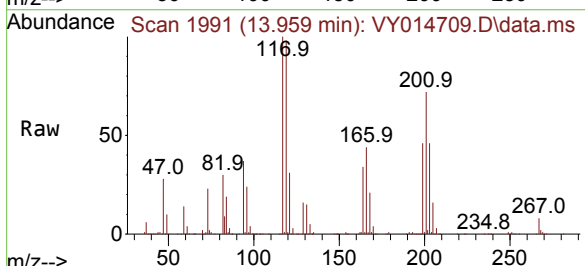
Acq: 18 Jul 2023 18:18

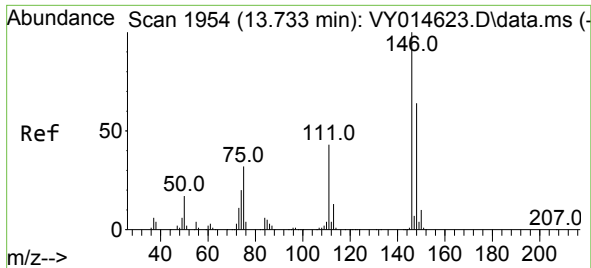
Tgt Ion: 117 Resp: 117204

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8

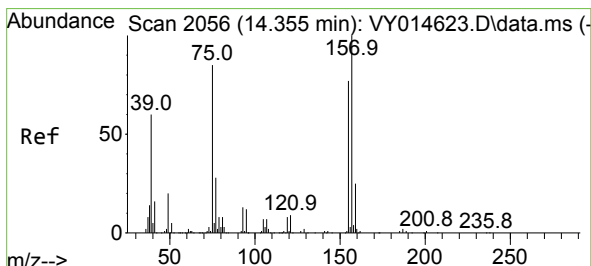
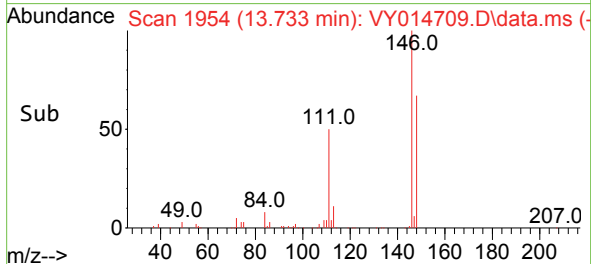
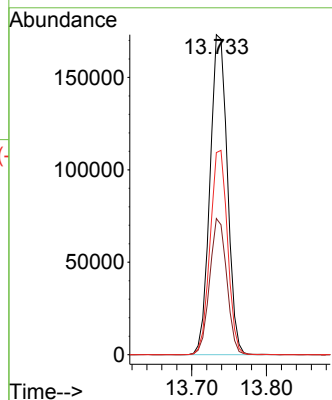
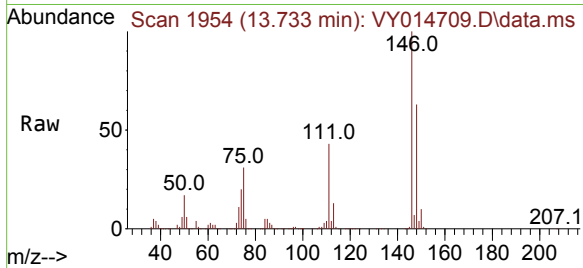




#91
1,2-Dichlorobenzene
Concen: 51.114 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

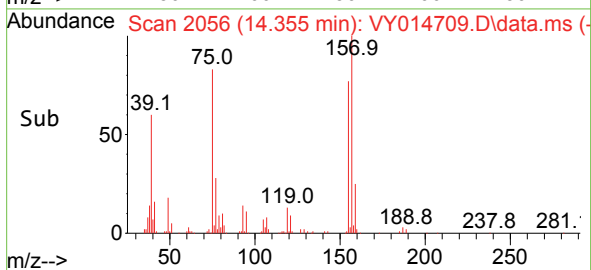
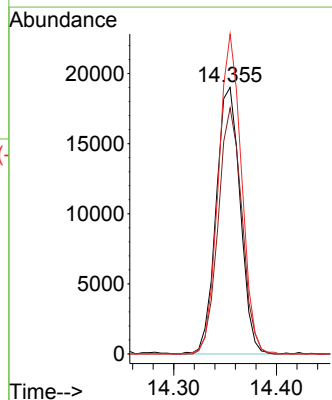
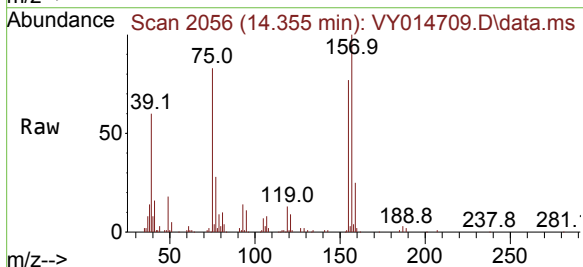
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

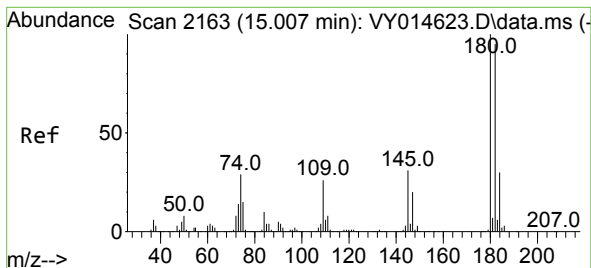
Tgt Ion:146 Resp: 279548
Ion Ratio Lower Upper
146 100
111 41.8 19.7 59.0
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.698 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014709.D
Acq: 18 Jul 2023 18:18

Tgt Ion: 75 Resp: 30880
Ion Ratio Lower Upper
75 100
155 90.8 41.5 124.6
157 114.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.625 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

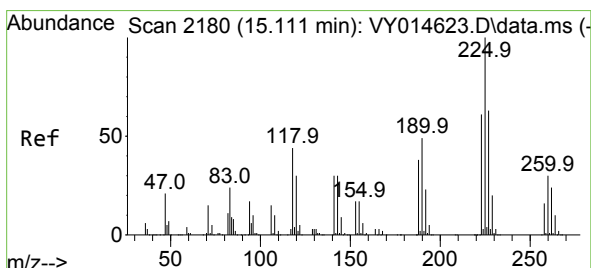
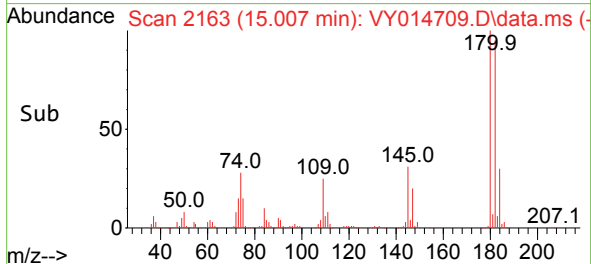
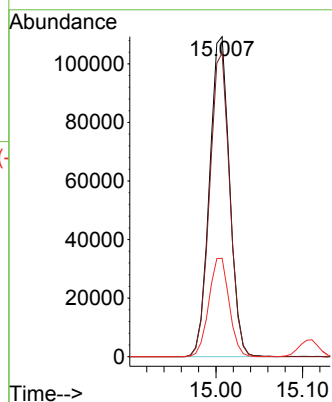
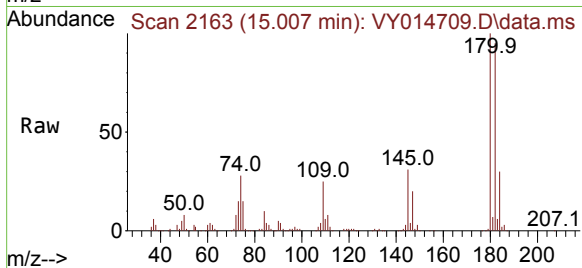
Tgt Ion:180 Resp: 175756

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.257 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

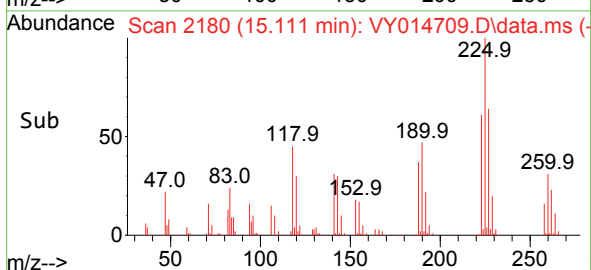
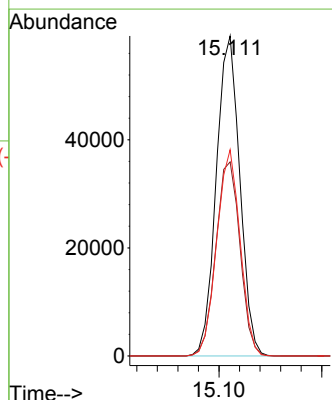
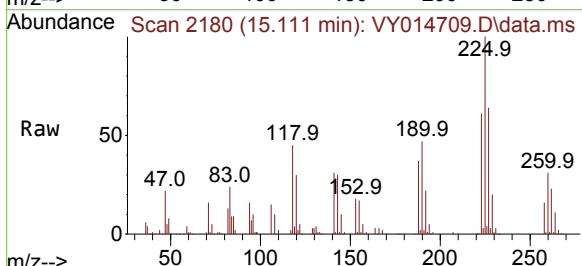
Tgt Ion:225 Resp: 93974

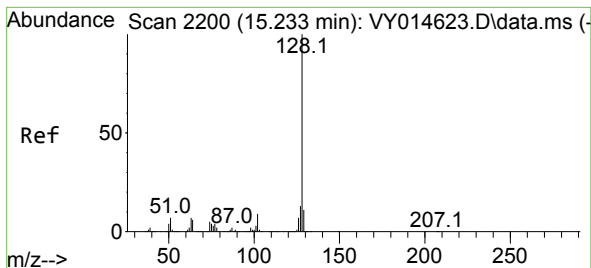
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 54.252 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

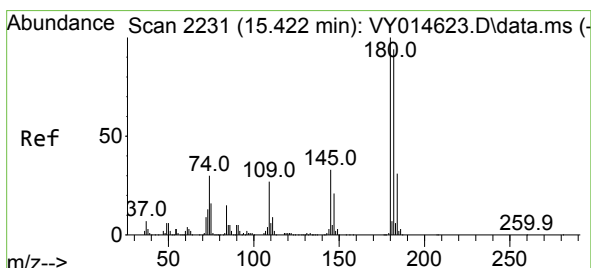
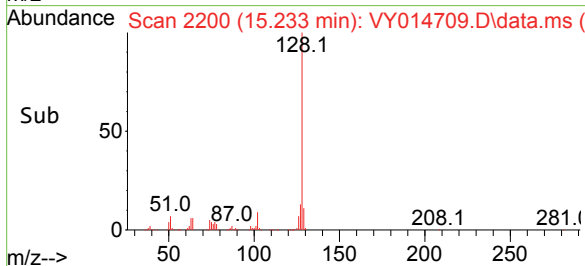
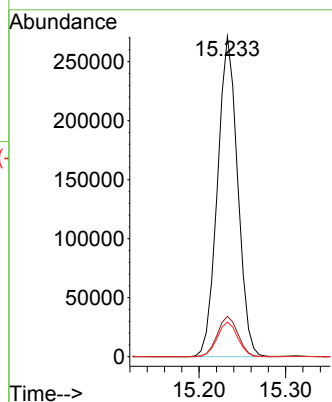
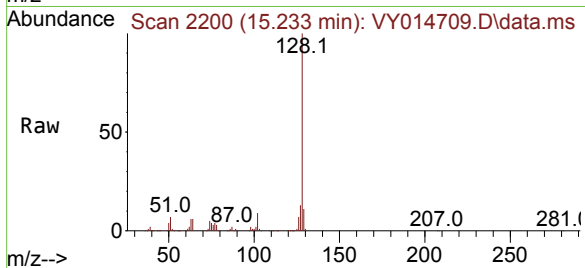
Tgt Ion:128 Resp: 438804

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.851 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014709.D

Acq: 18 Jul 2023 18:18

Tgt Ion:180 Resp: 159986

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.8

145 33.0 15.4 46.2

