

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014631.D
 Acq On : 13 Jul 2023 16:48
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Quant Time: Jul 14 04:26:50 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	7.783	168	304391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	507403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	450163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	169914	48.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.980%
35) Dibromofluoromethane	7.710	113	153714	47.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.173	98	559177	46.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.477	95	215725	47.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64199	25.888	ug/l	97
3) Chloromethane	2.107	50	67525	24.223	ug/l	98
4) Vinyl Chloride	2.241	62	74692	23.974	ug/l	98
5) Bromomethane	2.613	94	44628	21.676	ug/l	95
6) Chloroethane	2.772	64	44318	22.773	ug/l	96
7) Trichlorofluoromethane	3.107	101	121817	23.281	ug/l	99
8) Diethyl Ether	3.515	74	45557	23.400	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	72817	22.705	ug/l	95
10) Methyl Iodide	4.076	142	68309	21.509	ug/l	96
11) Tert butyl alcohol	4.942	59	144710	196.377	ug/l #	93
12) 1,1-Dichloroethene	3.851	96	67777	22.611	ug/l	94
13) Acrolein	3.717	56	39372	108.600	ug/l	100
14) Allyl chloride	4.460	41	119312	22.418	ug/l	95
15) Acrylonitrile	5.149	53	135934	126.619	ug/l	99
16) Acetone	3.942	43	120616	109.733	ug/l	92
17) Carbon Disulfide	4.174	76	196955	22.951	ug/l	98
18) Methyl Acetate	4.466	43	110457	26.186	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	228718	23.490	ug/l	99
20) Methylene Chloride	4.704	84	94338	24.244	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	77363	22.743	ug/l	99
22) Diisopropyl ether	6.112	45	241204	22.291	ug/l	91
23) Vinyl Acetate	6.045	43	750791	115.947	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	137486	22.206	ug/l	96
25) 2-Butanone	6.978	43	201322	125.194	ug/l	96
26) 2,2-Dichloropropane	6.972	77	127845	21.666	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	89899	22.705	ug/l	96
28) Bromochloromethane	7.320	49	61302	22.990	ug/l	95
29) Tetrahydrofuran	7.338	42	131961	133.269	ug/l	93
30) Chloroform	7.496	83	142081	22.254	ug/l	96
31) Cyclohexane	7.777	56	127760	22.188	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	128584	22.377	ug/l	99
36) 1,1-Dichloropropene	7.905	75	108667	22.497	ug/l	99
37) Ethyl Acetate	7.070	43	85599	25.739	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113908	22.308	ug/l	99
39) Methylcyclohexane	9.179	83	141329	22.458	ug/l	95
40) Benzene	8.155	78	308627	22.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	118197	69.097	ug/l #	28
42) 1,2-Dichloroethane	8.228	62	100923	23.199	ug/l	94
43) Isopropyl Acetate	8.264	43	153298	24.198	ug/l	96
44) Trichloroethene	8.935	130	86957	22.623	ug/l	99
45) 1,2-Dichloropropane	9.209	63	80242	22.369	ug/l	98
46) Dibromomethane	9.301	93	50825	23.355	ug/l	95
47) Bromodichloromethane	9.490	83	115212	22.462	ug/l	100
48) Methyl methacrylate	9.289	41	71170	24.966	ug/l	93
49) 1,4-Dioxane	9.295	88	19322	544.511	ug/l #	41
51) 4-Methyl-2-Pentanone	10.063	43	426185	128.128	ug/l	94
52) Toluene	10.240	92	196583	22.362	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	125620	22.391	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	136583	22.386	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	70643	23.304	ug/l	97
56) Ethyl methacrylate	10.502	69	110341	23.840	ug/l	91
57) 1,3-Dichloropropane	10.782	76	119451	22.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	250368	116.095	ug/l	95
59) 2-Hexanone	10.825	43	309903	127.760	ug/l	91
60) Dibromochloromethane	10.977	129	85540	23.015	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71570	23.666	ug/l	99
64) Tetrachloroethene	10.715	164	85208	23.535	ug/l	98
65) Chlorobenzene	11.514	112	212413	22.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	81008	22.397	ug/l	98
67) Ethyl Benzene	11.587	91	383623	22.149	ug/l	100
68) m/p-Xylenes	11.697	106	293381	44.375	ug/l	97
69) o-Xylene	12.026	106	143018	22.209	ug/l	99
70) Styrene	12.038	104	243588	22.443	ug/l	98
71) Bromoform	12.203	173	57800	23.576	ug/l #	100
73) Isopropylbenzene	12.325	105	377508	21.690	ug/l	99
74) N-amyl acetate	12.136	43	138526	23.764	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	92867	23.398	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	123387	43.951	ug/l #	100
77) Bromobenzene	12.605	156	88034	22.158	ug/l	92
78) n-propylbenzene	12.666	91	453793	21.637	ug/l	99
79) 2-Chlorotoluene	12.751	91	259256	21.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	317095	21.815	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	33369	23.014	ug/l	94
82) 4-Chlorotoluene	12.849	91	267450	21.497	ug/l	100
83) tert-Butylbenzene	13.068	119	269459	20.898	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	313764	21.995	ug/l	100
85) sec-Butylbenzene	13.251	105	414542	21.916	ug/l	100
86) p-Isopropyltoluene	13.367	119	341926	22.141	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	173353	22.419	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	172821	22.304	ug/l	98
89) n-Butylbenzene	13.690	91	329462	21.928	ug/l	97
90) Hexachloroethane	13.959	117	68194	21.498	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	157874	22.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18640	24.557	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	100294	22.302	ug/l	99
94) Hexachlorobutadiene	15.105	225	53513	21.654	ug/l	98
95) Naphthalene	15.233	128	249052	23.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90783	22.714	ug/l	98

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ClientSampleId :
VY0713SBSD01

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

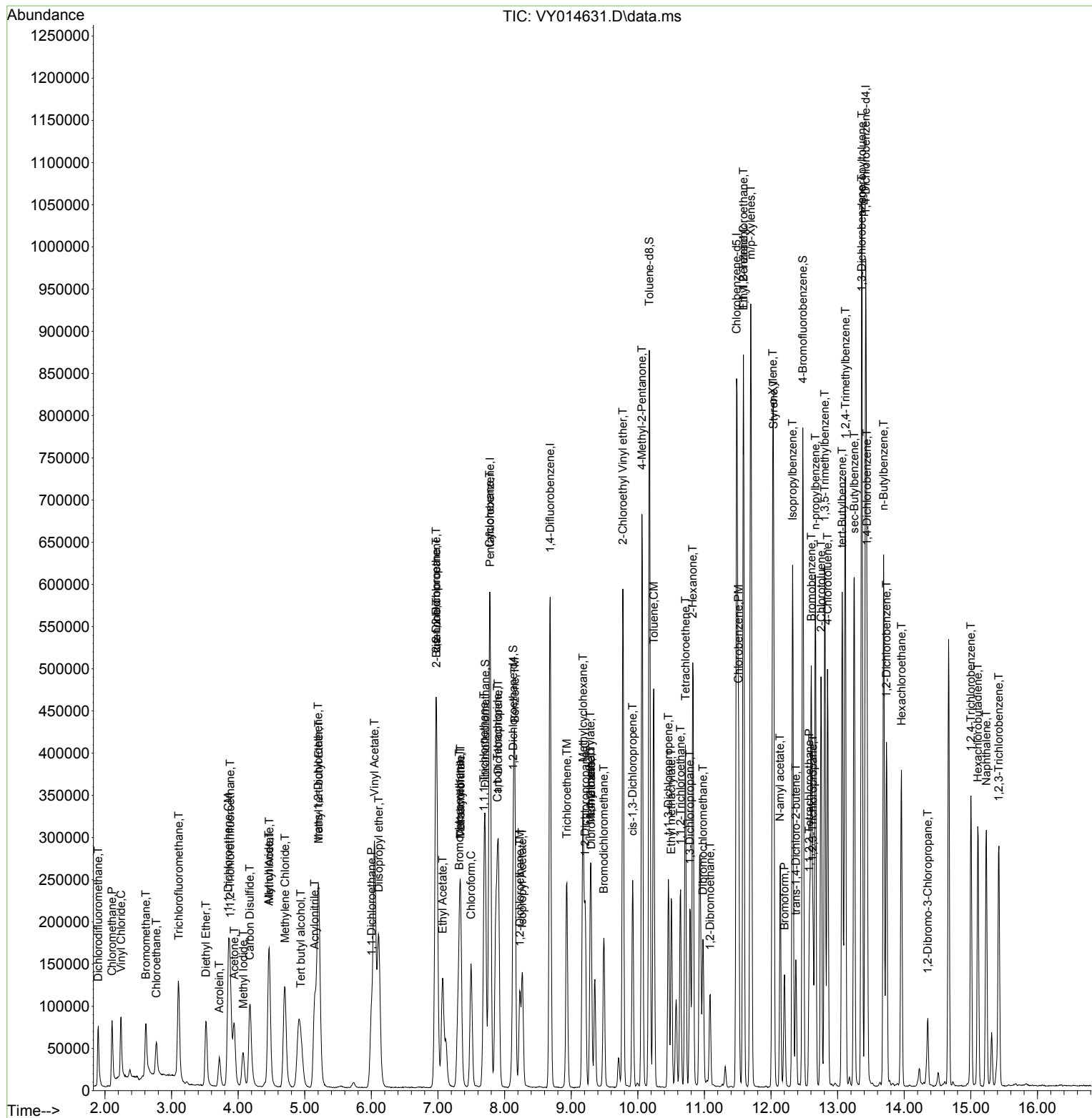
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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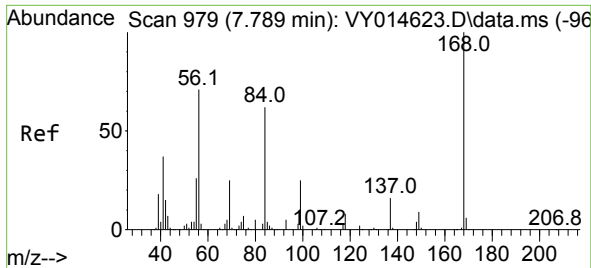
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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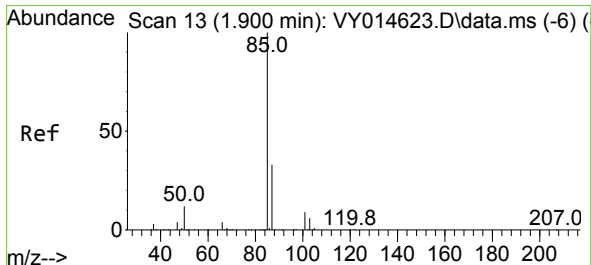
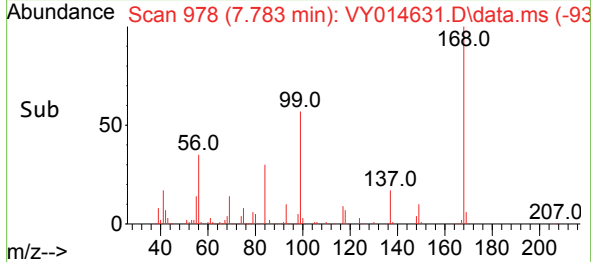
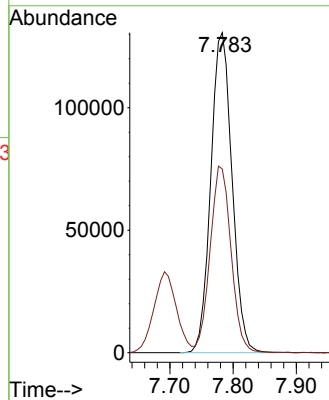
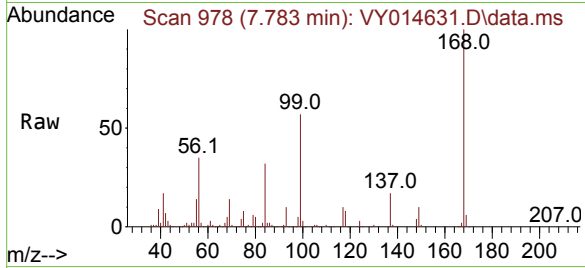




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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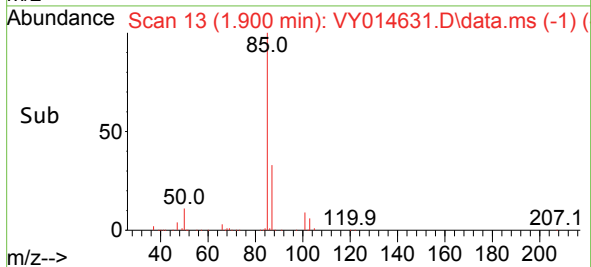
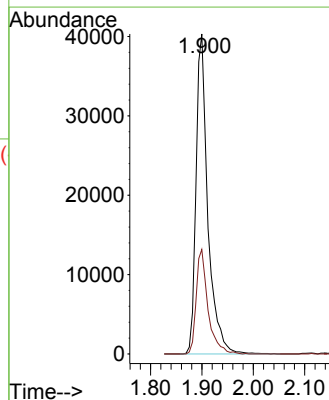
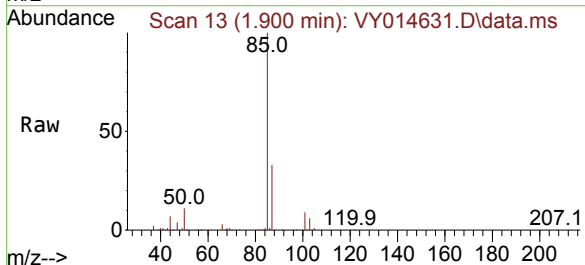
Instrument :
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ClientSampleId :
VY0713SBS01

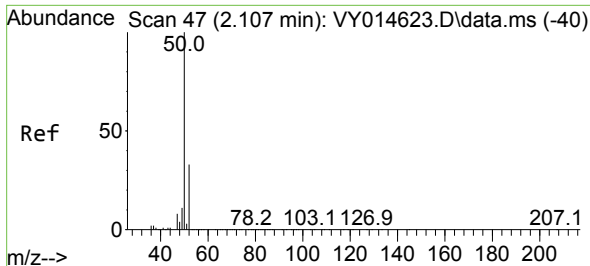
Tgt Ion:168 Resp: 304391
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 25.888 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 85 Resp: 64199
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8

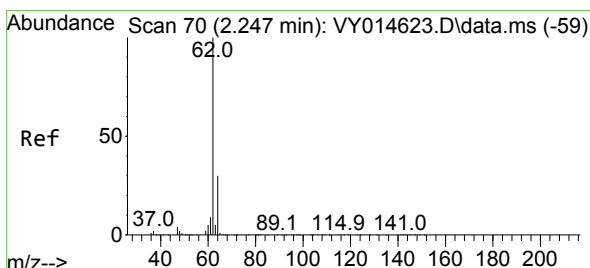
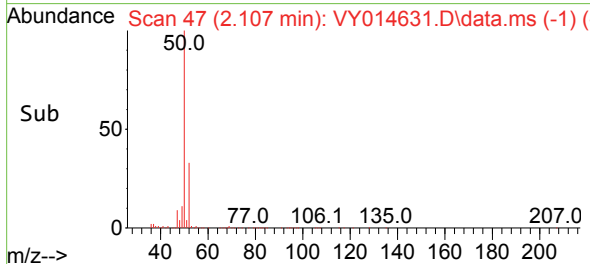
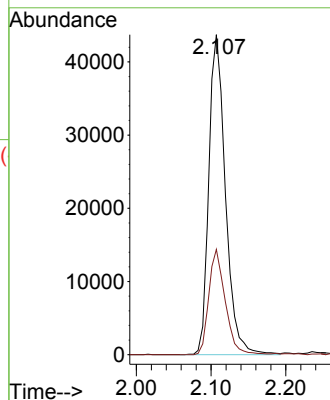
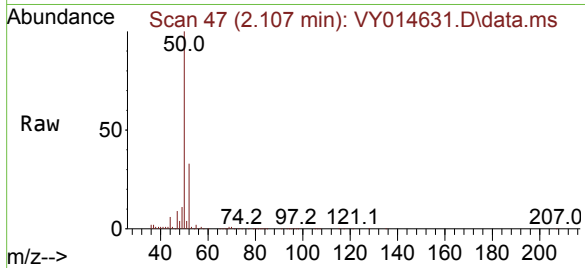




#3
Chloromethane
Concen: 24.223 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

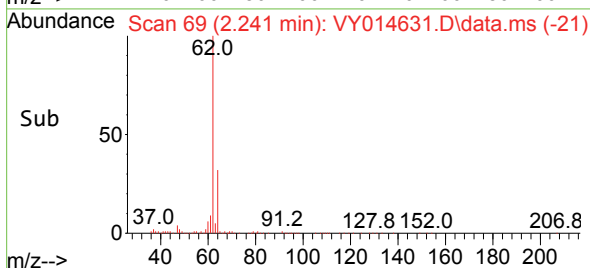
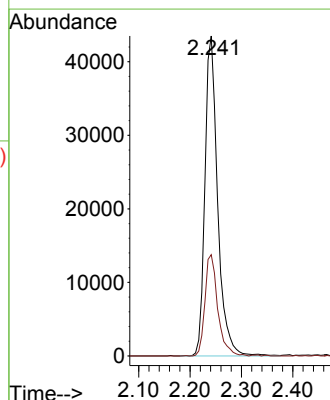
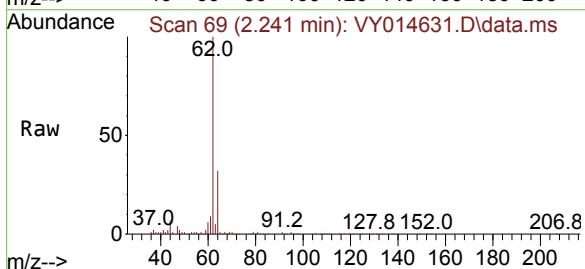
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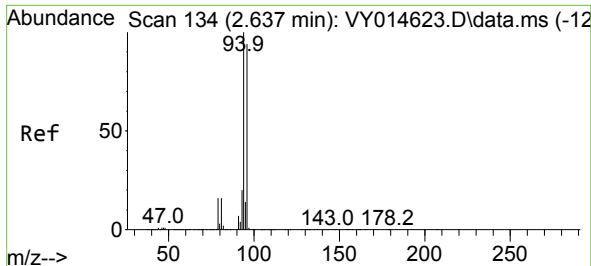
Tgt Ion: 50 Resp: 67525
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 23.974 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 62 Resp: 74692
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

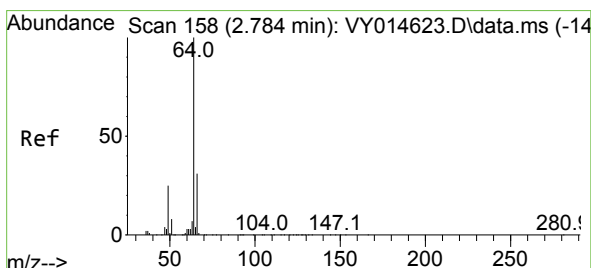
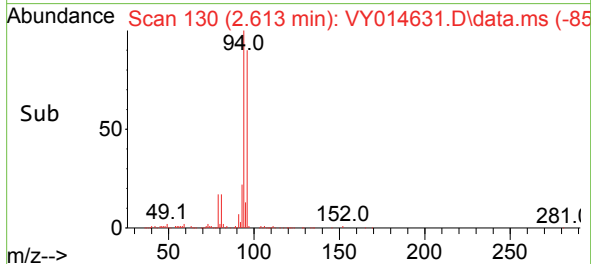
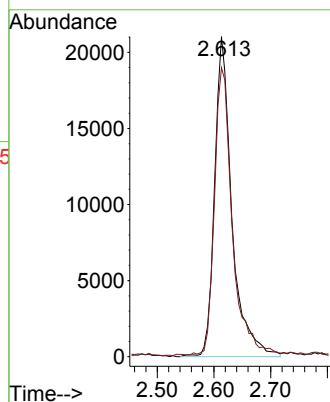
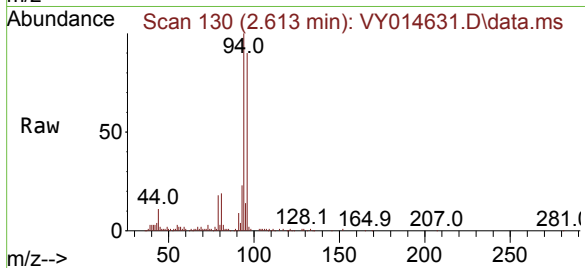




#5
Bromomethane
Concen: 21.676 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

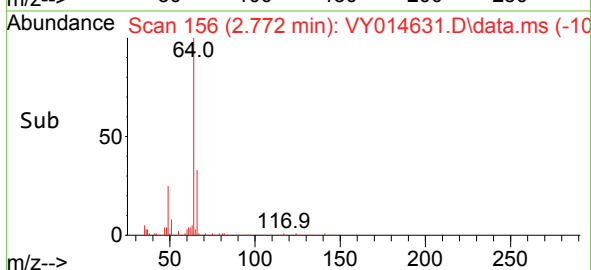
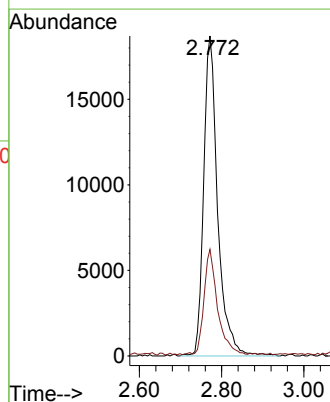
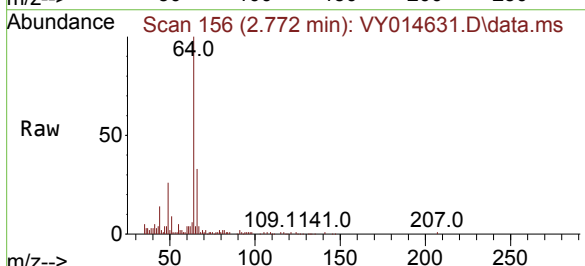
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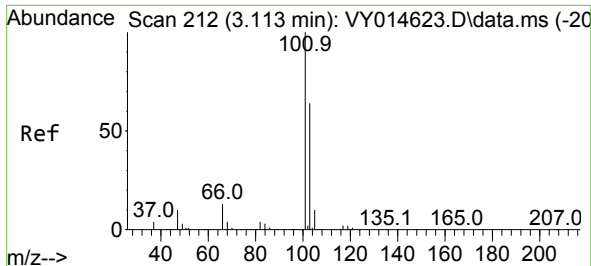
Tgt Ion: 94 Resp: 44628
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 22.773 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 64 Resp: 44318
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

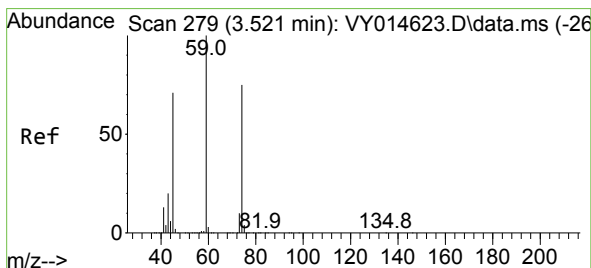
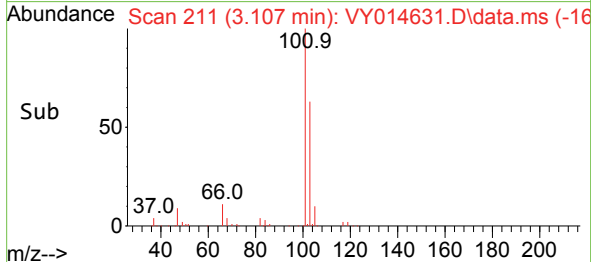
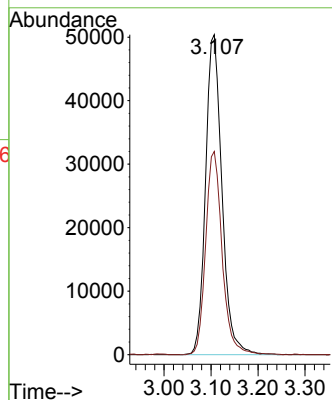
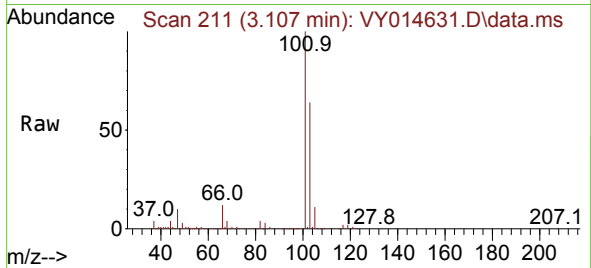




#7
 Trichlorofluoromethane
 Concen: 23.281 ug/l
 RT: 3.107 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

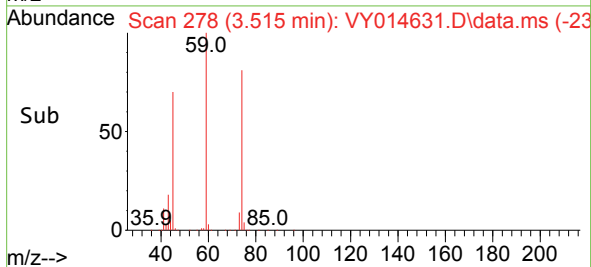
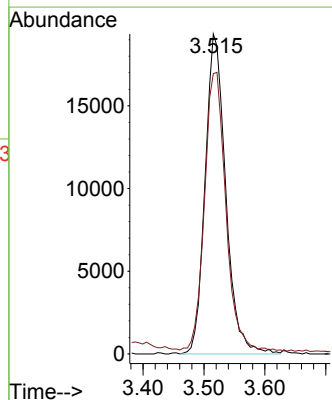
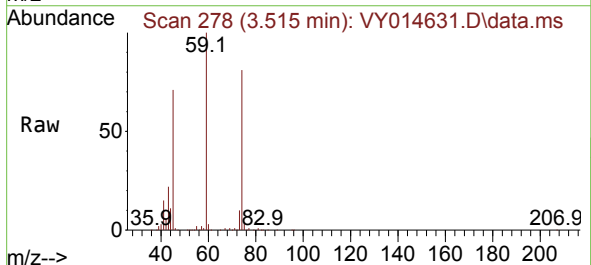
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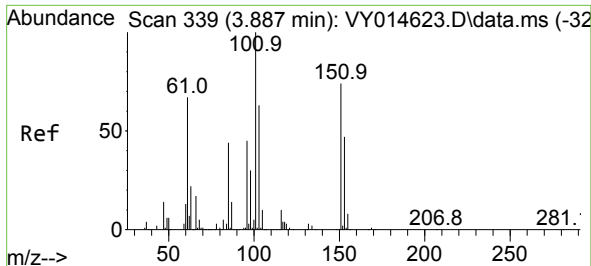
Tgt Ion:101 Resp: 121817
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 23.400 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 45557
 Ion Ratio Lower Upper
 74 100
 45 90.0 51.5 154.5

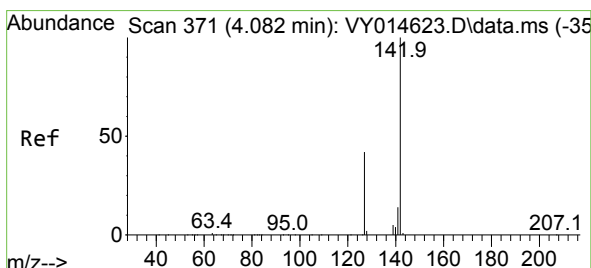
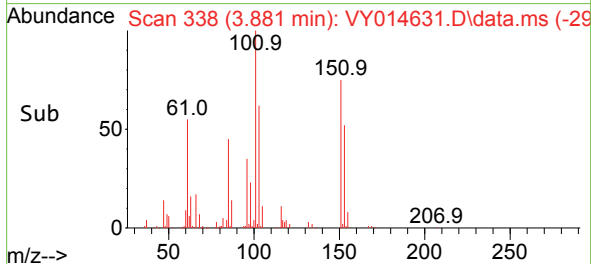
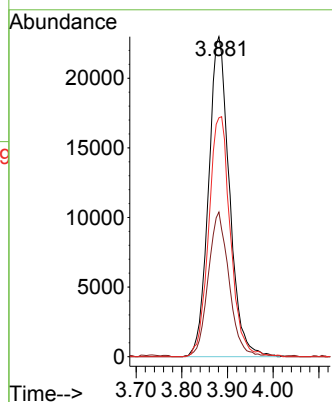
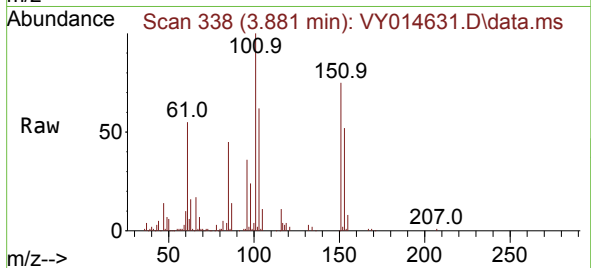




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.705 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

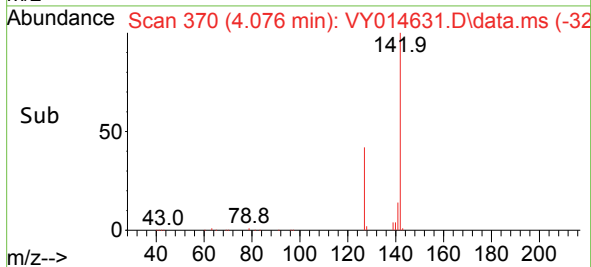
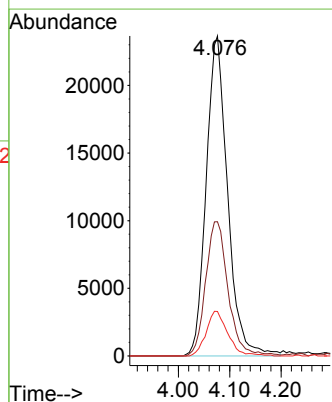
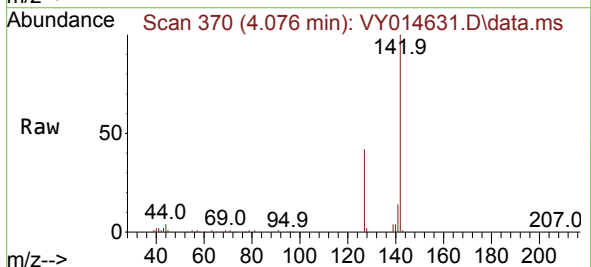
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

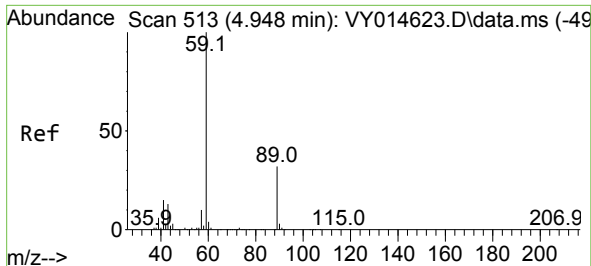
Tgt Ion:101 Resp: 72817
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.0 67.0 100.6



#10
Methyl Iodide
Concen: 21.509 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:142 Resp: 68309
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 196.377 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

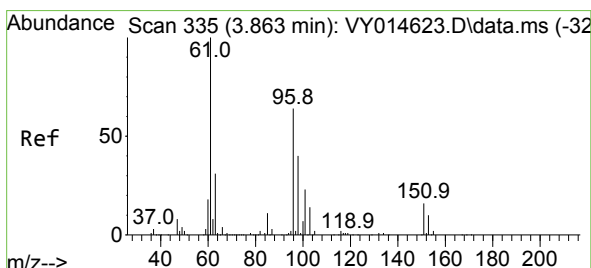
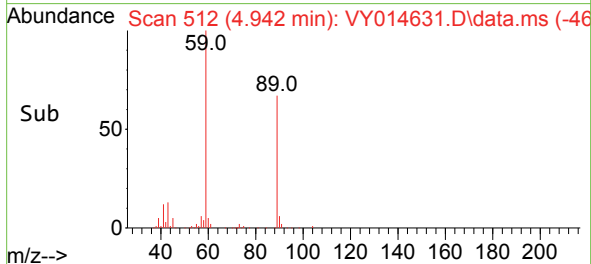
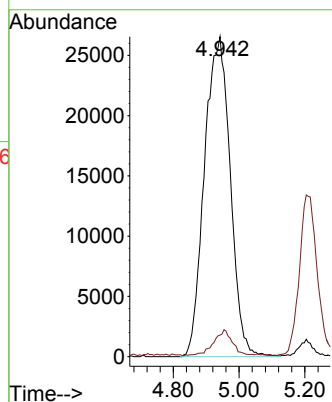
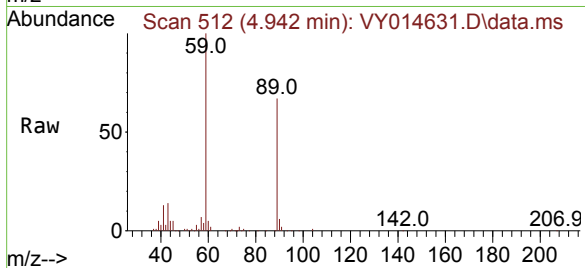
VY0713SBS01

Tgt Ion: 59 Resp: 144710

Ion Ratio Lower Upper

59 100

57 6.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 22.611 ug/l

RT: 3.851 min Scan# 333

Delta R.T. -0.012 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

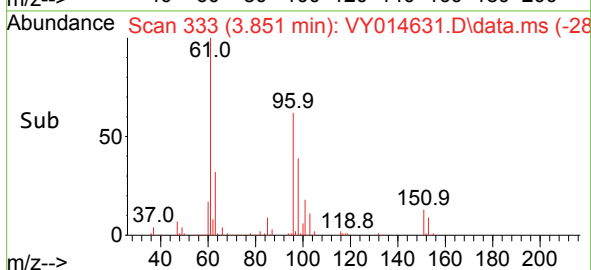
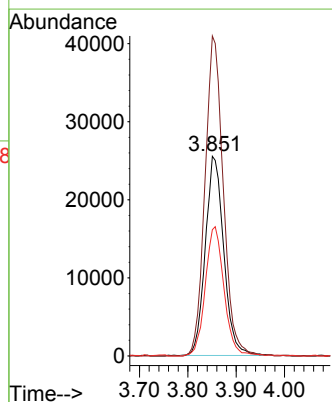
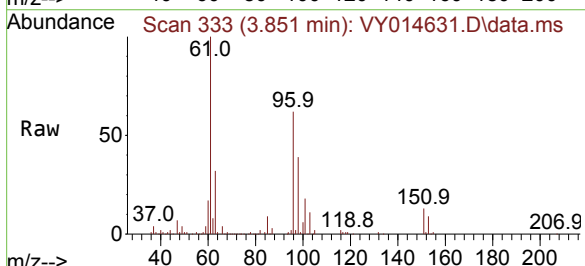
Tgt Ion: 96 Resp: 67777

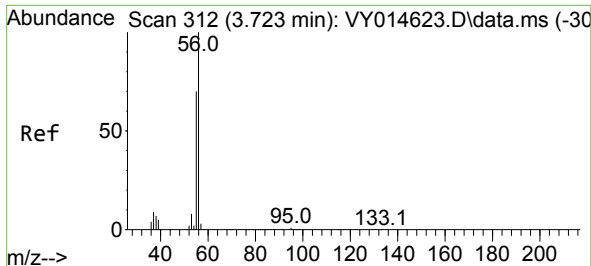
Ion Ratio Lower Upper

96 100

61 160.7 136.4 204.6

98 63.3 49.4 74.2





#13

Acrolein

Concen: 108.600 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

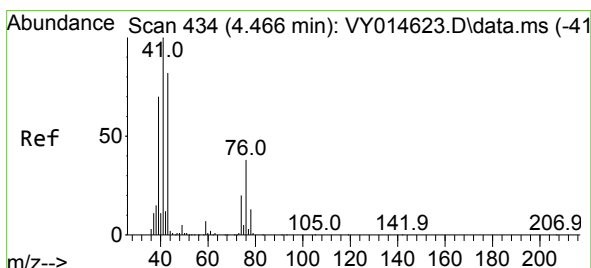
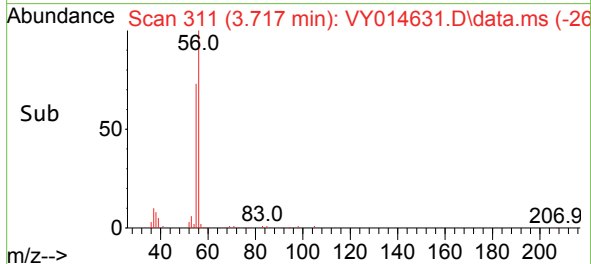
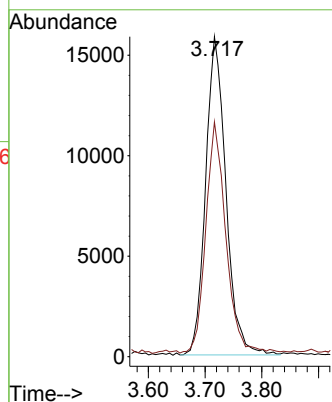
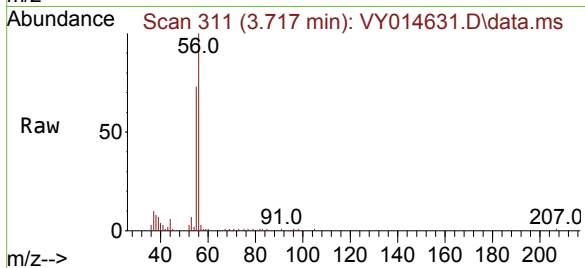
VY0713SBS01

Tgt Ion: 56 Resp: 39372

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



#14

Allyl chloride

Concen: 22.418 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

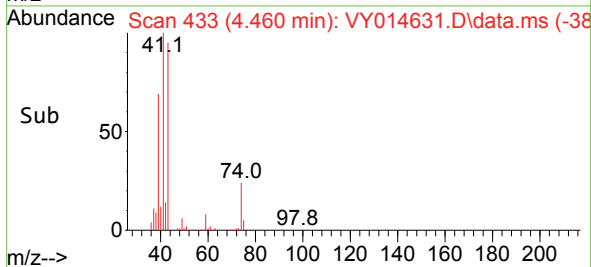
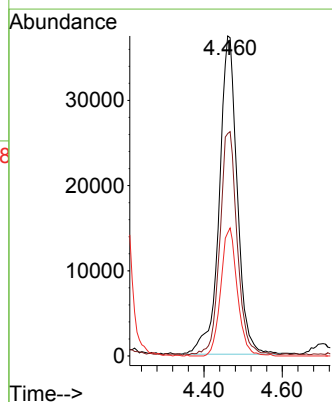
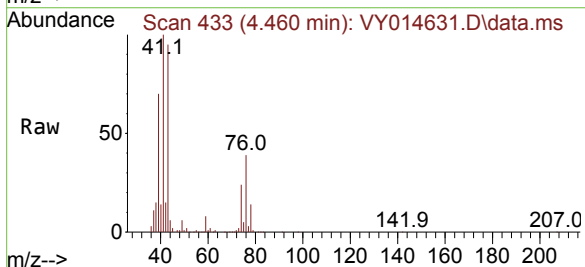
Tgt Ion: 41 Resp: 119312

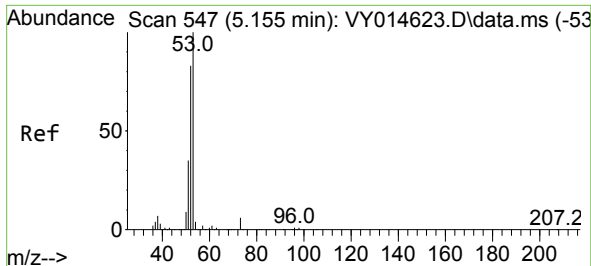
Ion Ratio Lower Upper

41 100

39 68.3 58.0 87.0

76 37.1 27.4 41.2

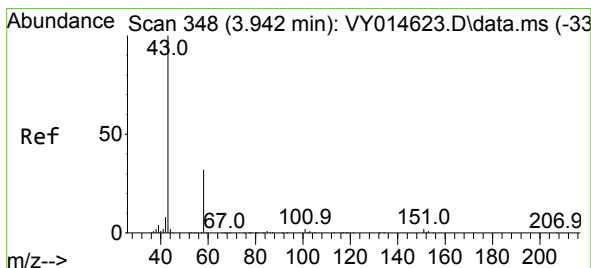
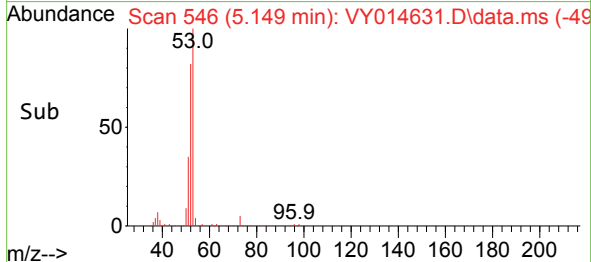
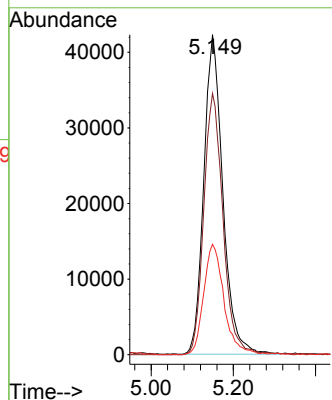
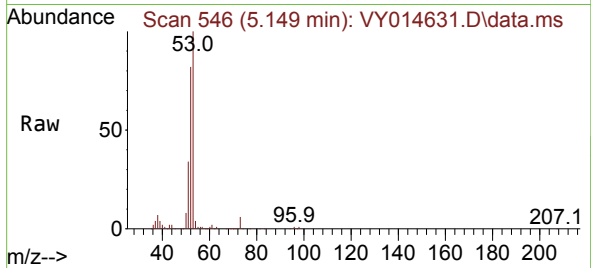




#15
Acrylonitrile
Concen: 126.619 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

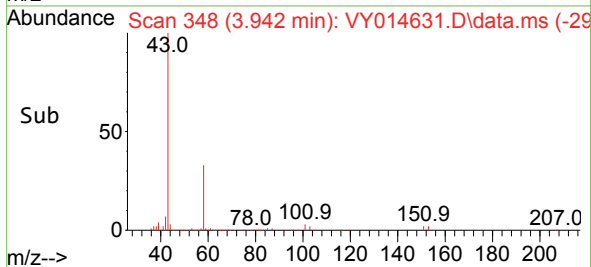
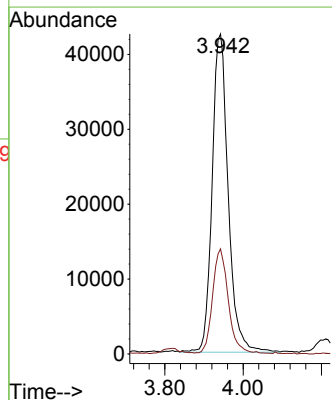
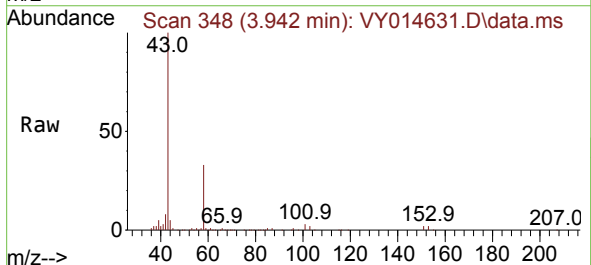
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

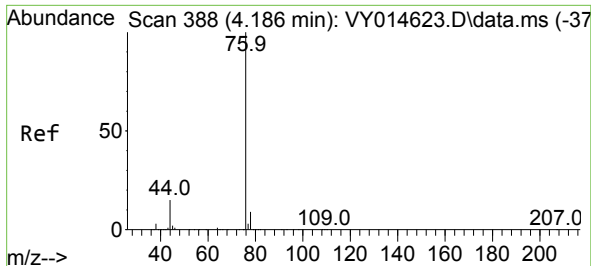
Tgt Ion: 53 Resp: 135934
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 109.733 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 43 Resp: 120616
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

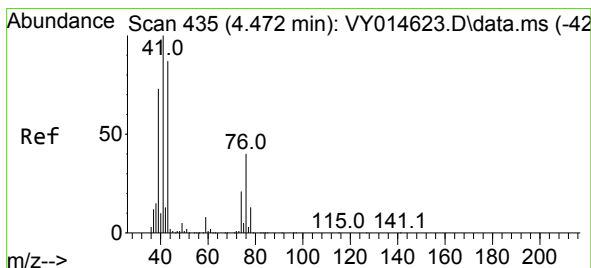
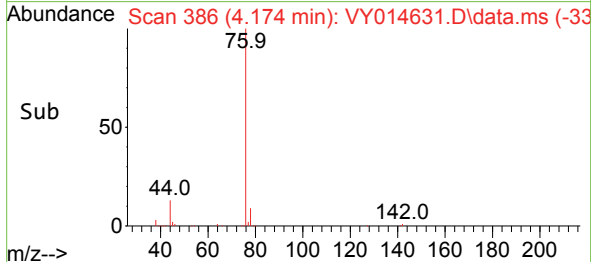
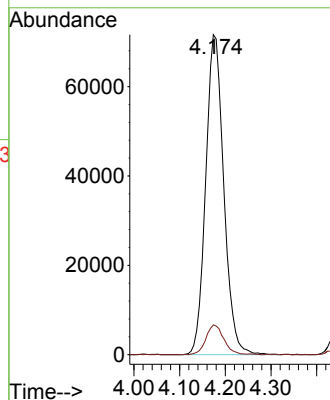
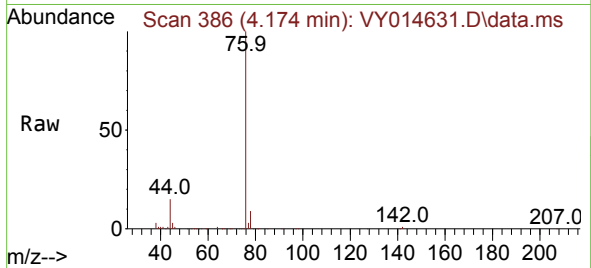




#17
Carbon Disulfide
Concen: 22.951 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

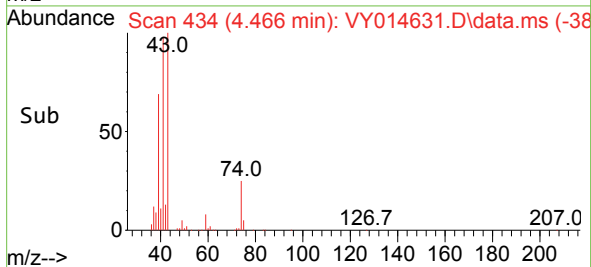
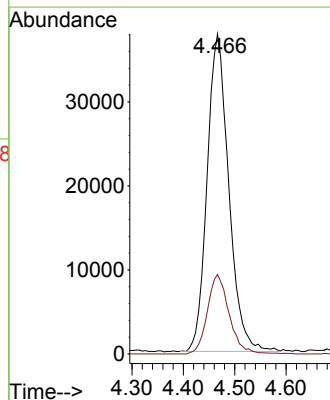
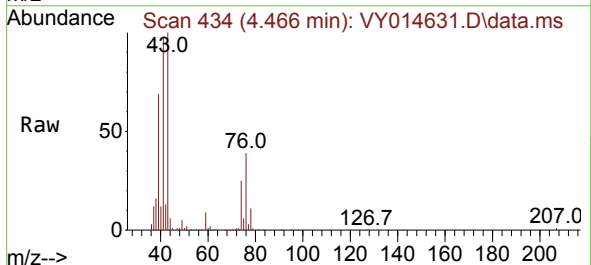
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

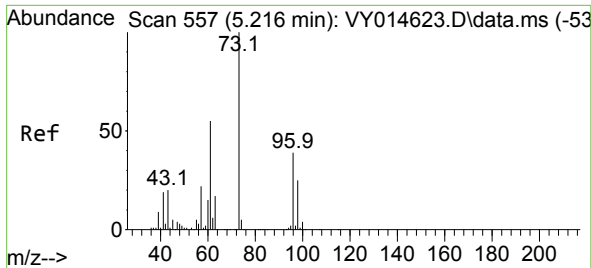
Tgt Ion: 76 Resp: 196955
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 26.186 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 43 Resp: 110457
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

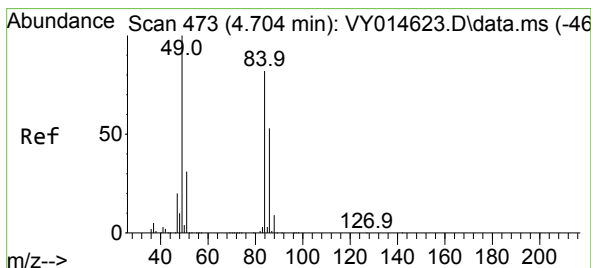
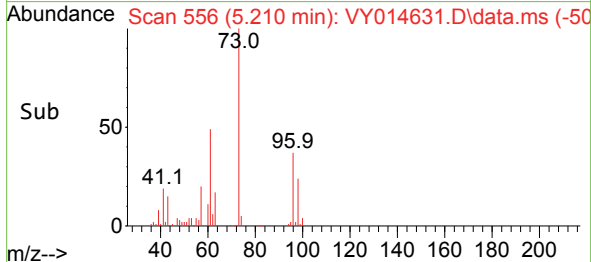
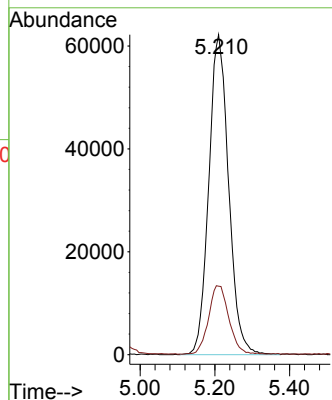
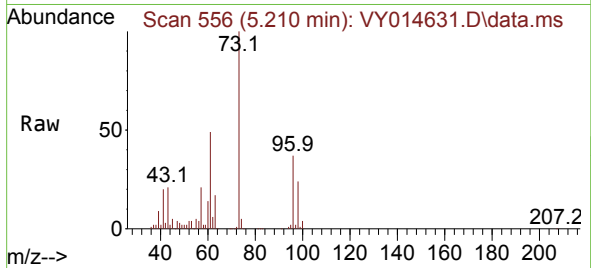




#19
Methyl tert-butyl Ether
Concen: 23.490 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

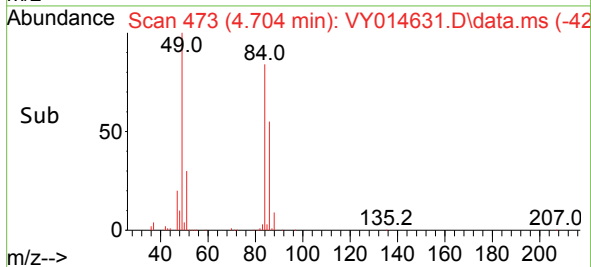
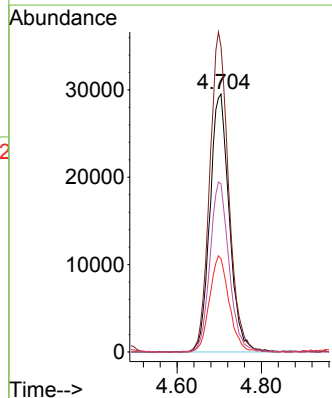
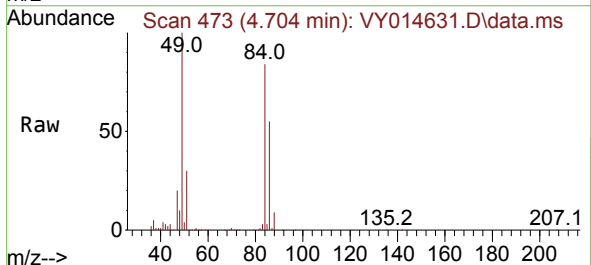
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

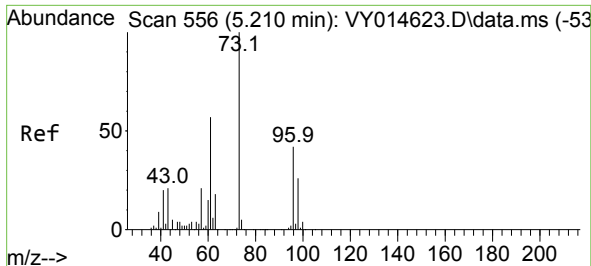
Tgt Ion: 73 Resp: 228718
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 24.244 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 84 Resp: 94338
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.1 33.2 49.8
86 65.2 51.0 76.6

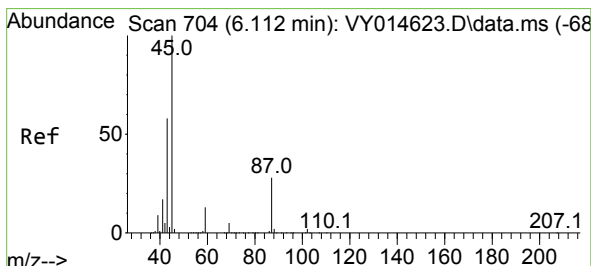
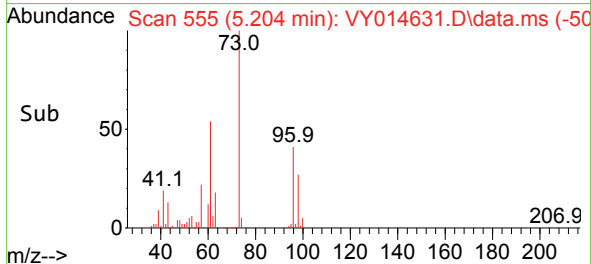
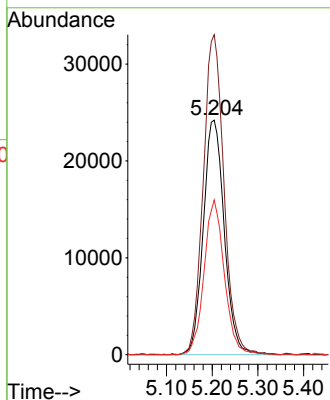
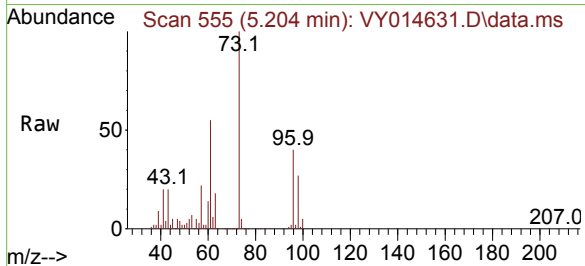




#21
trans-1,2-Dichloroethene
Concen: 22.743 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

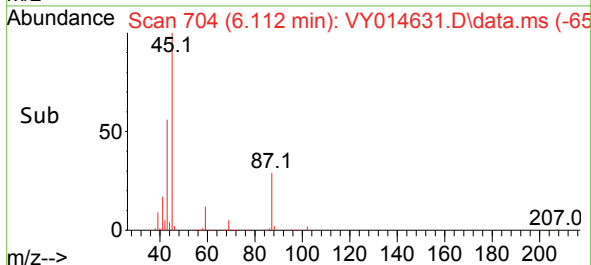
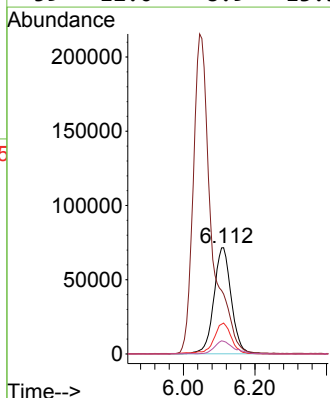
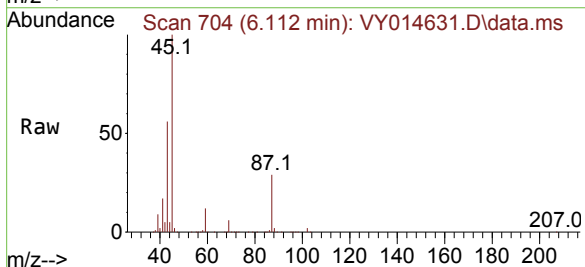
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

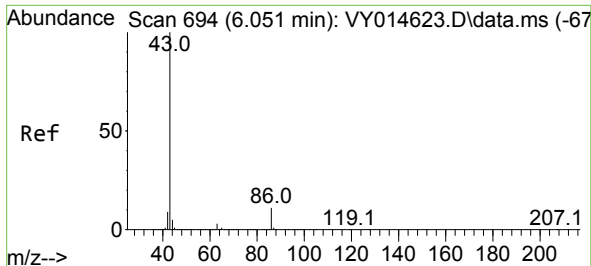
Tgt Ion: 96 Resp: 77363
Ion Ratio Lower Upper
96 100
61 136.5 110.2 165.4
98 66.0 51.8 77.6



#22
Diisopropyl ether
Concen: 22.291 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 45 Resp: 241204
Ion Ratio Lower Upper
45 100
43 55.9 52.2 78.4
87 29.1 21.0 31.6
59 12.0 8.9 13.3

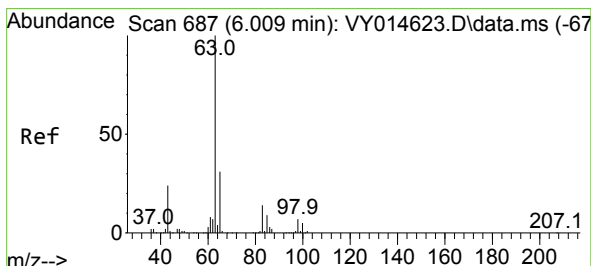
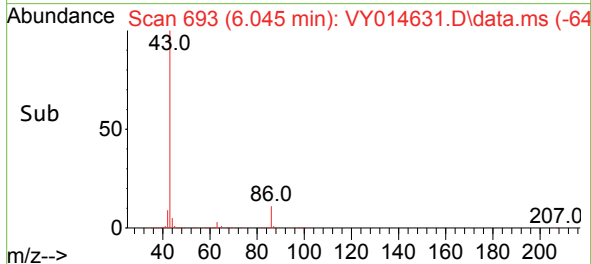
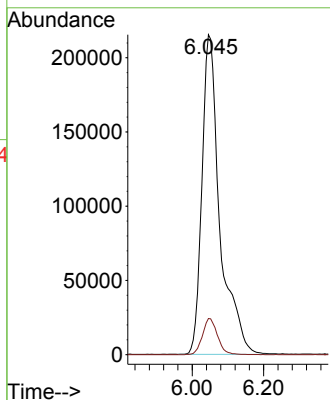
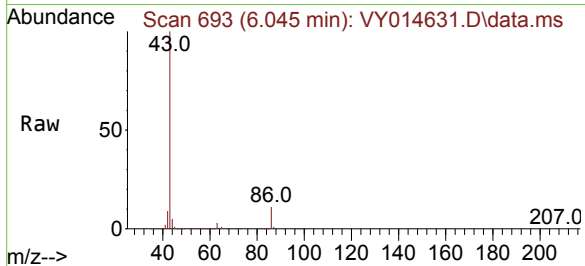




#23
 Vinyl Acetate
 Concen: 115.947 ug/l
 RT: 6.045 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

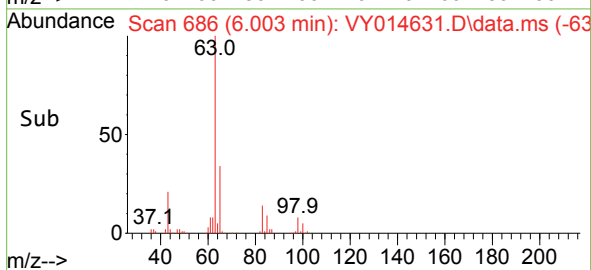
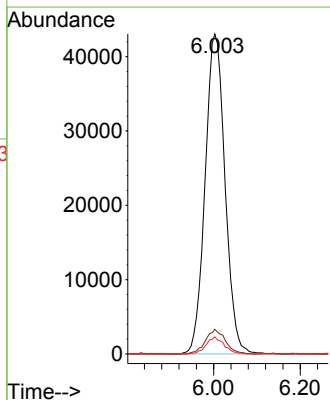
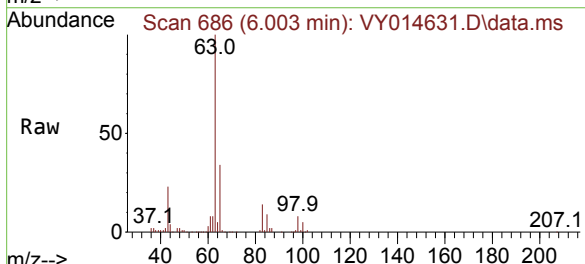
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

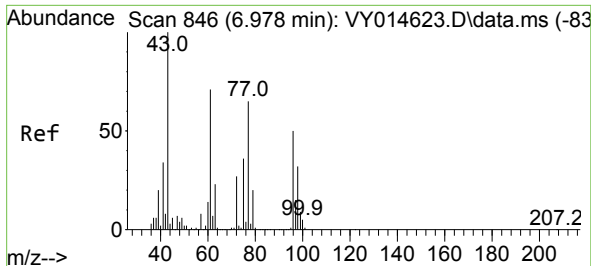
Tgt Ion: 43 Resp: 750791
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 22.206 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion: 63 Resp: 137486
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.4 1.8 5.5

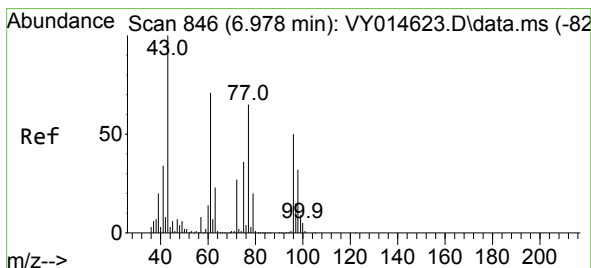
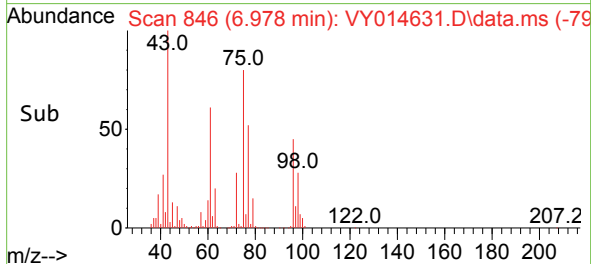
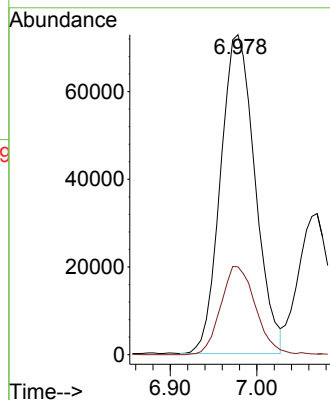
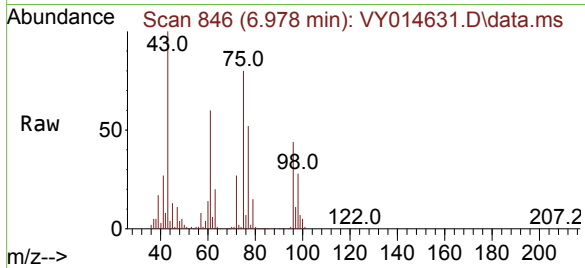




#25
2-Butanone
Concen: 125.194 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

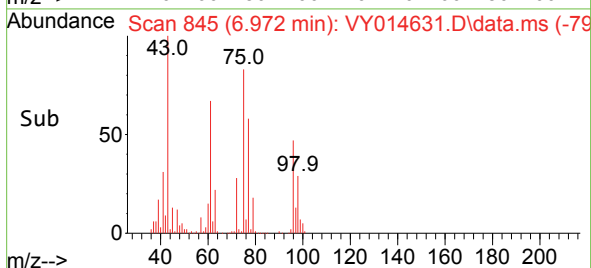
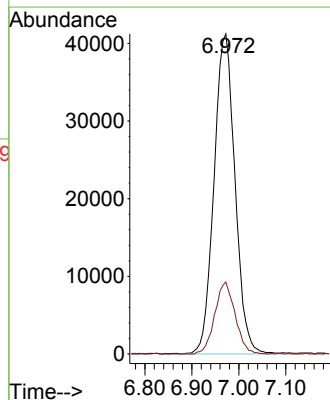
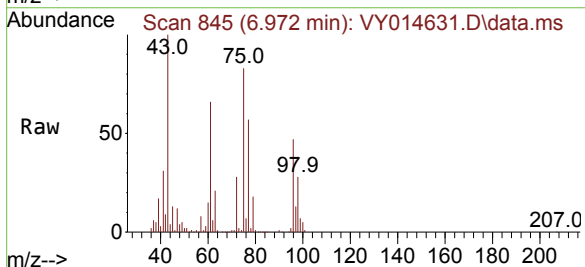
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

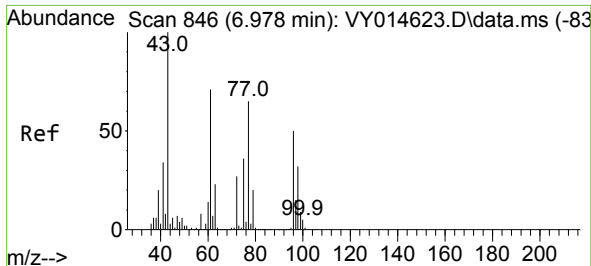
Tgt Ion: 43 Resp: 201322
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.666 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 77 Resp: 127845
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.705 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

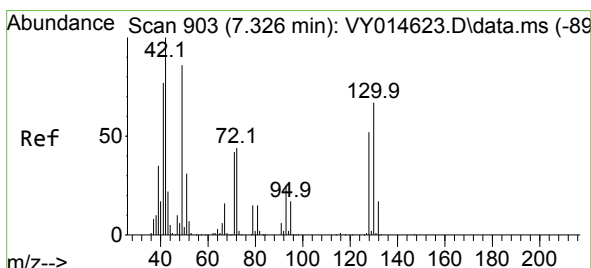
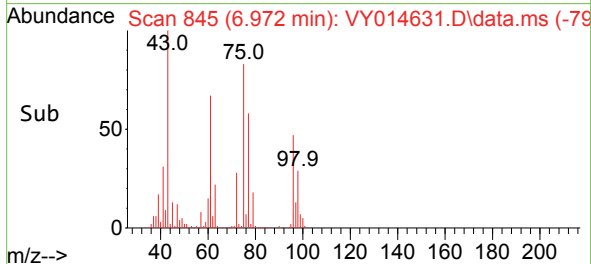
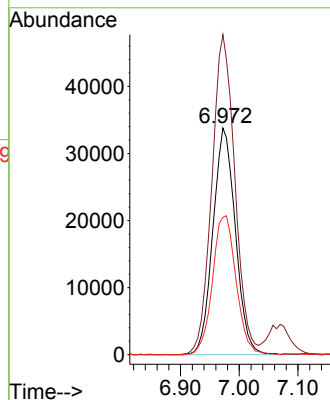
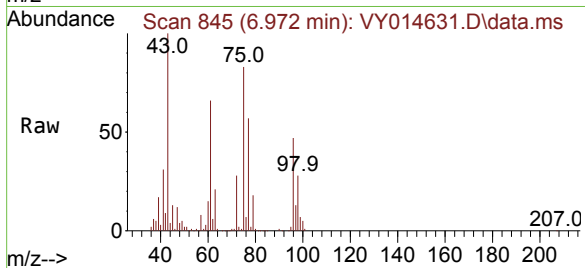
Tgt Ion: 96 Resp: 89899

Ion Ratio Lower Upper

96 100

61 144.6 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 22.990 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

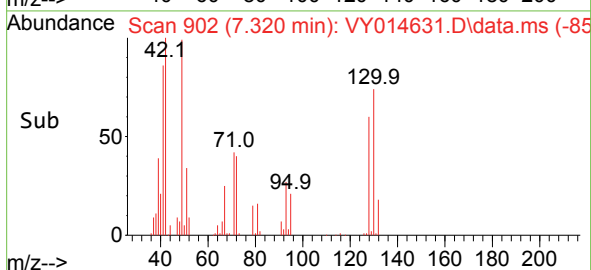
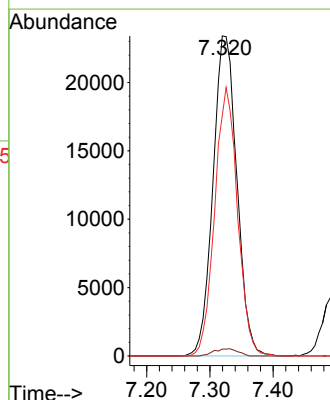
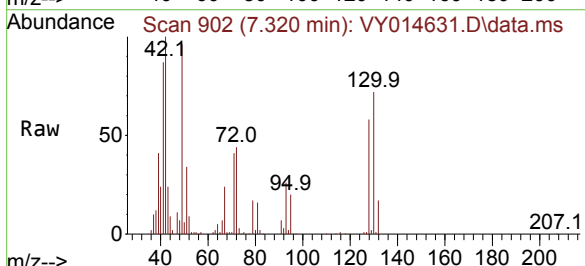
Tgt Ion: 49 Resp: 61302

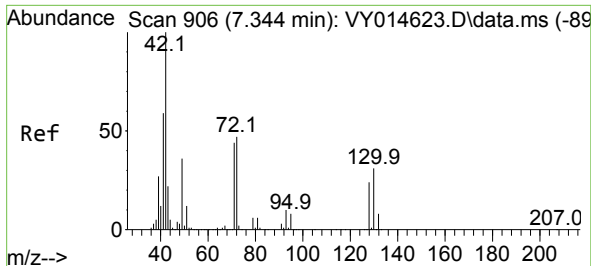
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 80.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 133.269 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

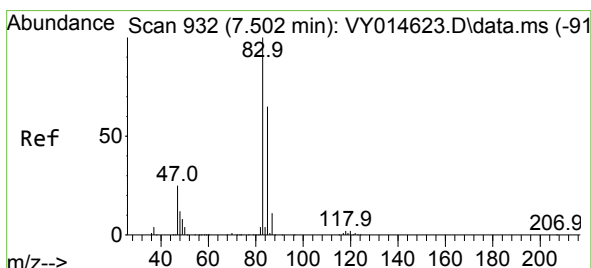
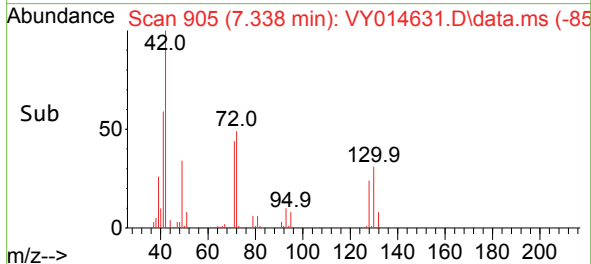
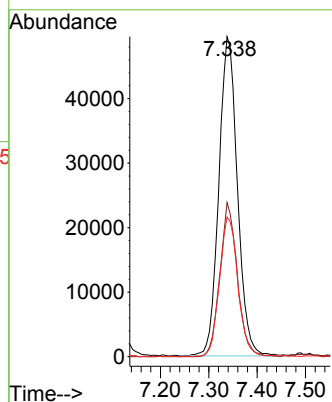
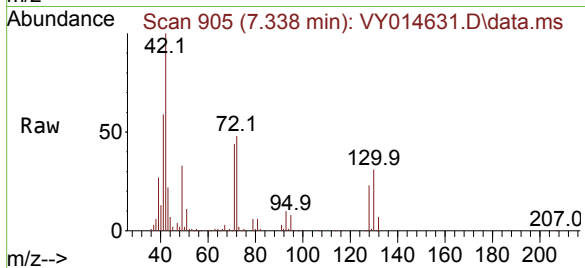
Tgt Ion: 42 Resp: 131961

Ion Ratio Lower Upper

42 100

72 45.6 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 22.254 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY014631.D

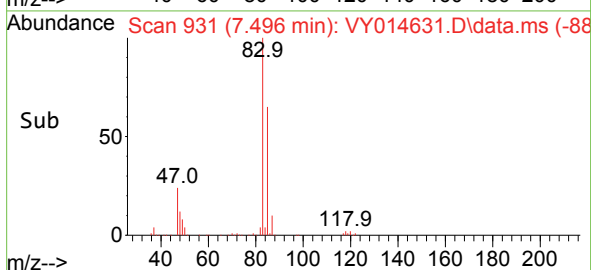
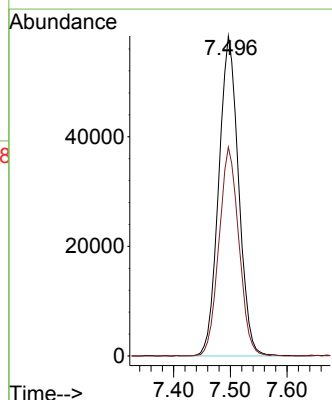
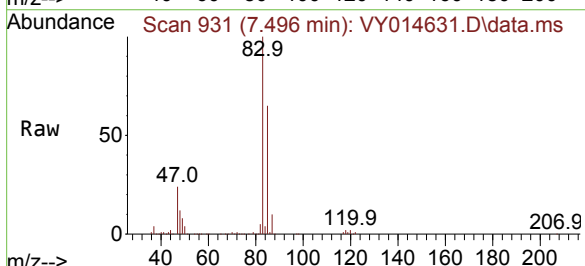
Acq: 13 Jul 2023 16:48

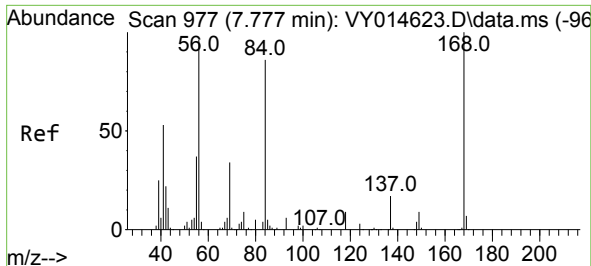
Tgt Ion: 83 Resp: 142081

Ion Ratio Lower Upper

83 100

85 65.2 49.7 74.5

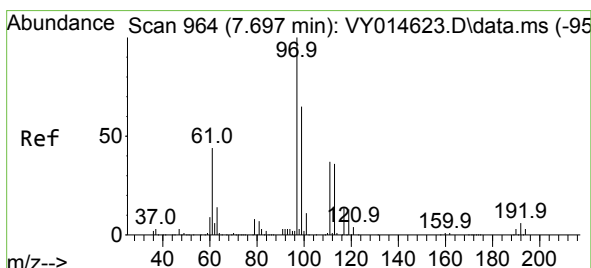
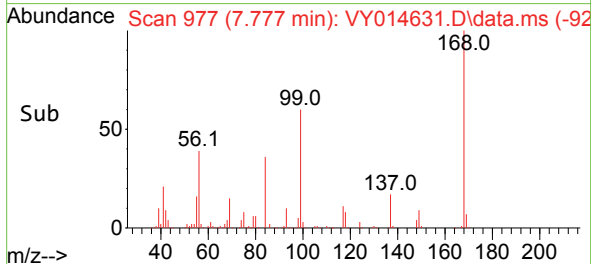
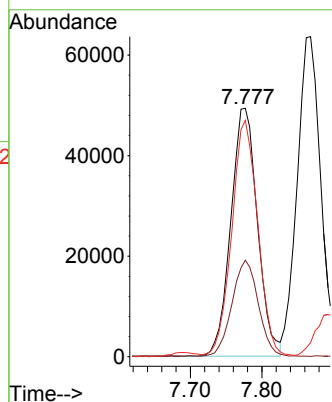
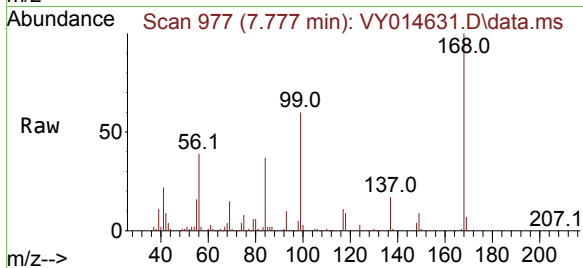




#31
Cyclohexane
Concen: 22.188 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

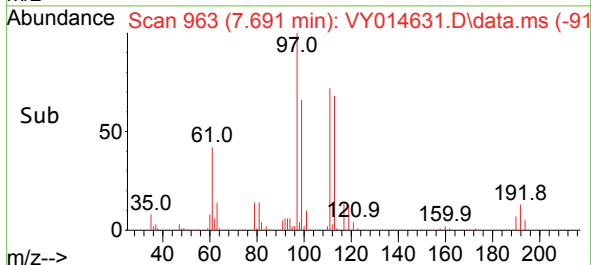
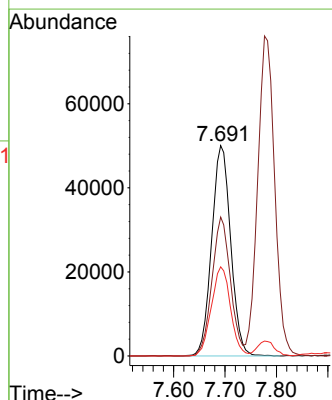
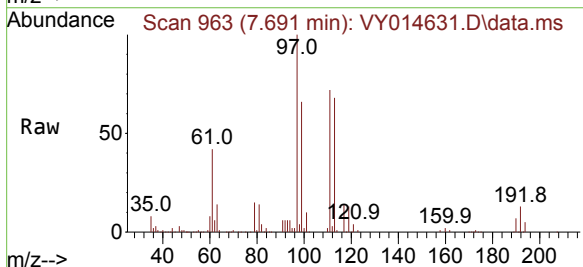
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

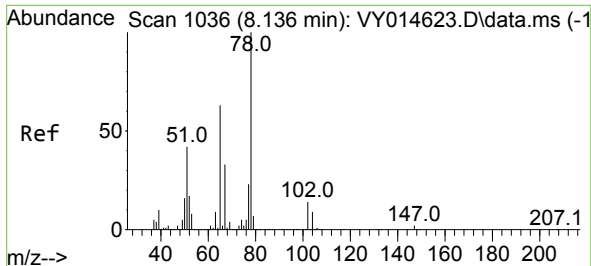
Tgt Ion: 56 Resp: 127760
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 93.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 22.377 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 97 Resp: 128584
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.7 35.1 52.7

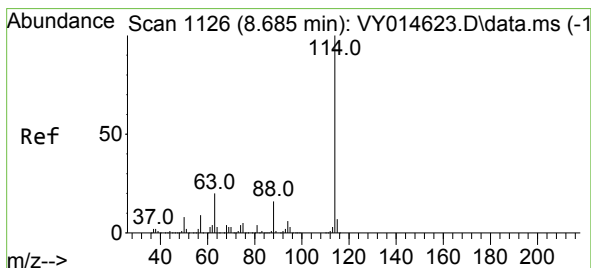
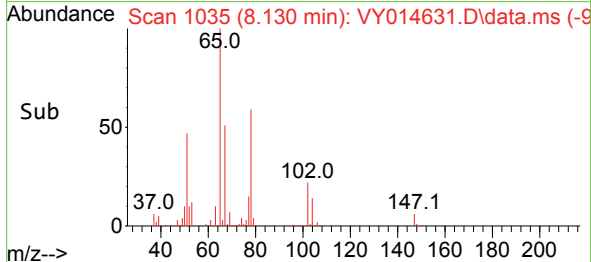
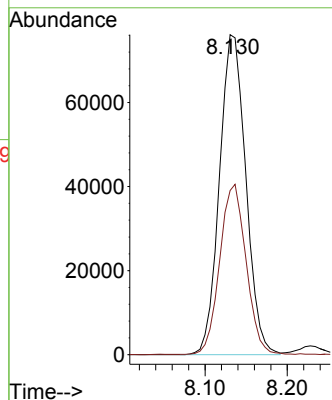
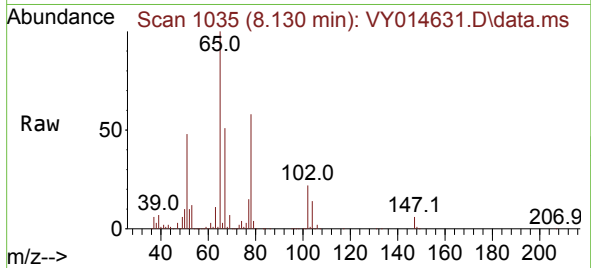




#33
 1,2-Dichloroethane-d4
 Concen: 48.986 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

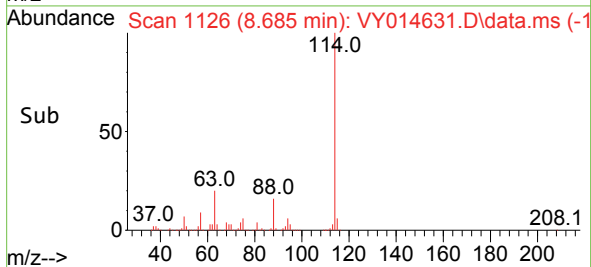
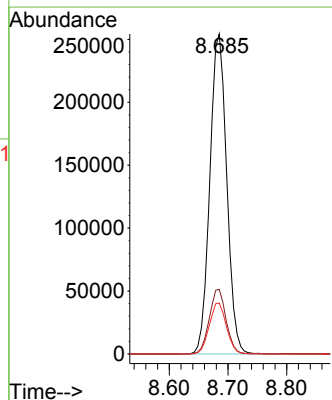
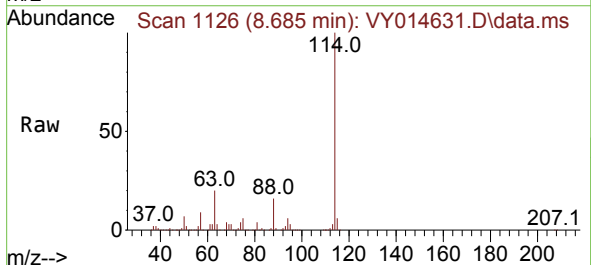
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

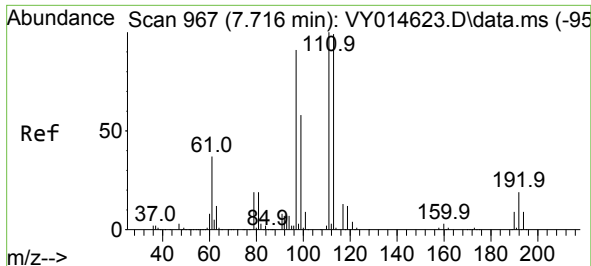
Tgt Ion: 65 Resp: 169914
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion: 114 Resp: 507403
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.9 0.0 30.6

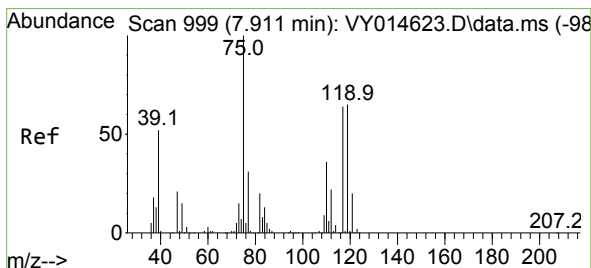
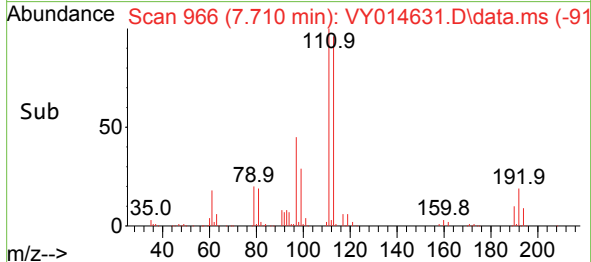
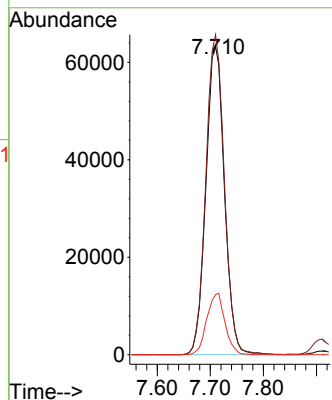
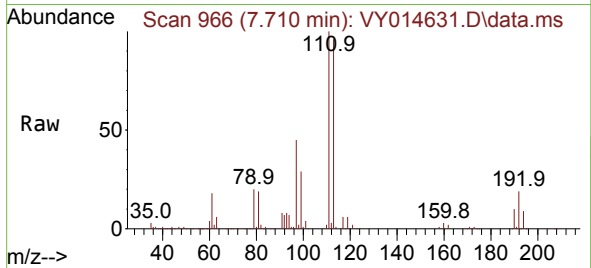




#35
Dibromofluoromethane
Concen: 47.589 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

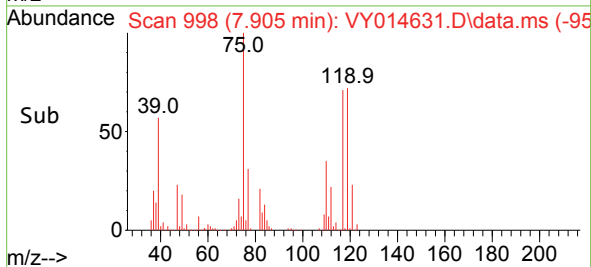
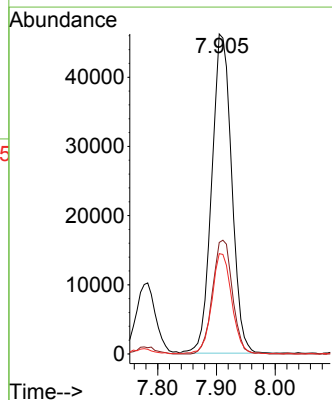
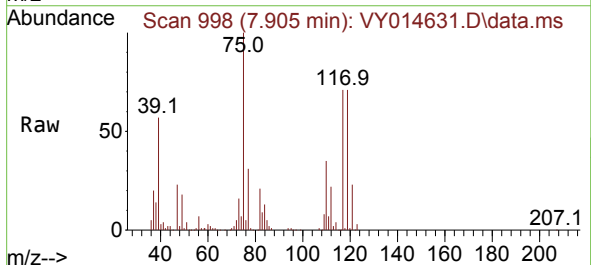
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

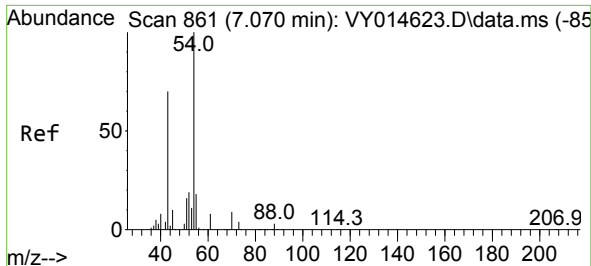
Tgt Ion:113 Resp: 153714
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 22.497 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 75 Resp: 108667
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.2 24.4 36.6

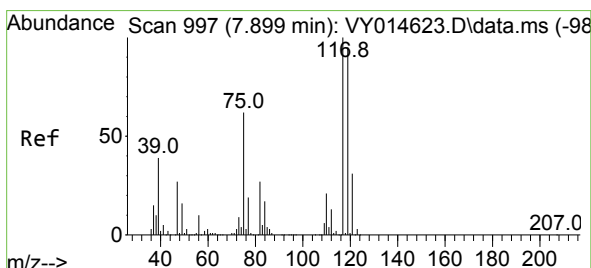
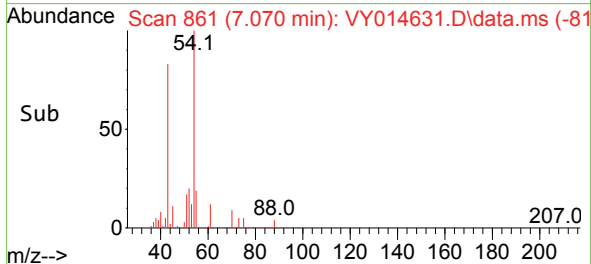
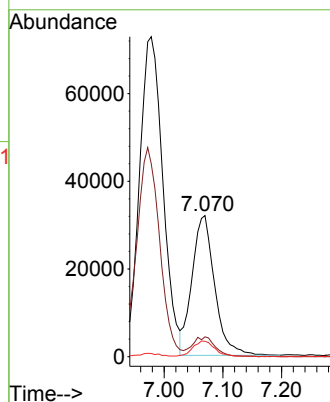
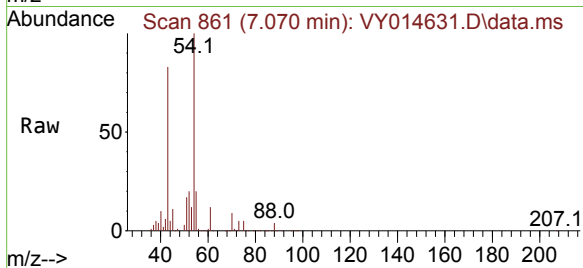




#37
Ethyl Acetate
Concen: 25.739 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

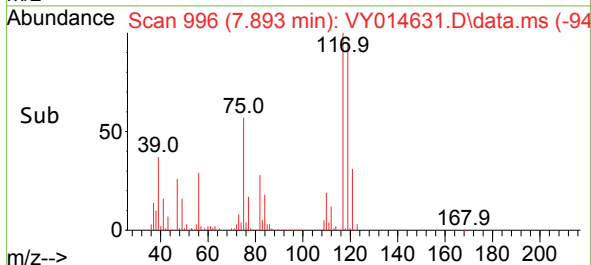
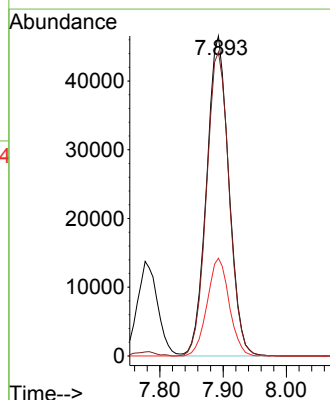
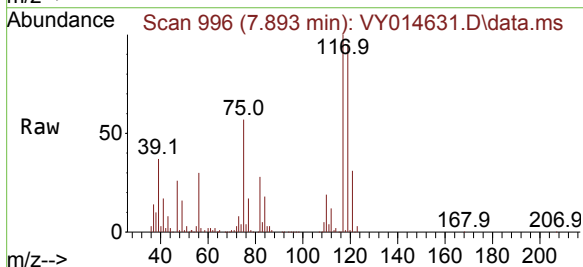
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

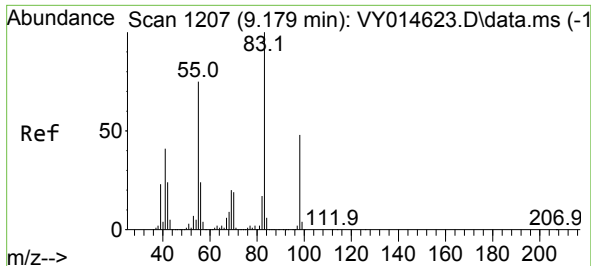
Tgt Ion: 43 Resp: 85599
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 22.308 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 117 Resp: 113908
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 22.458 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

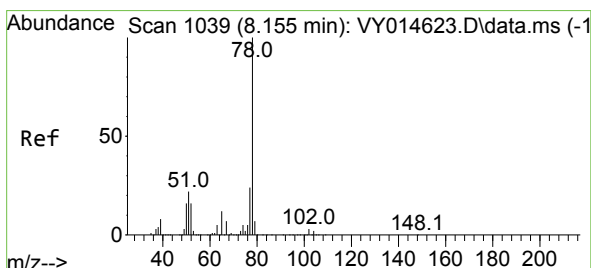
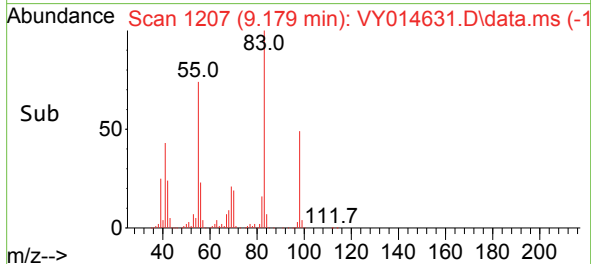
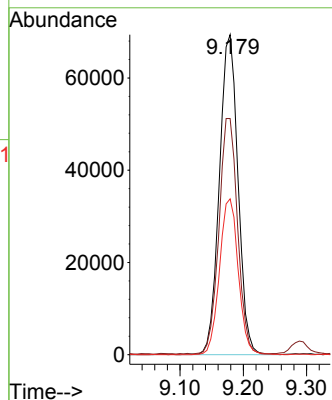
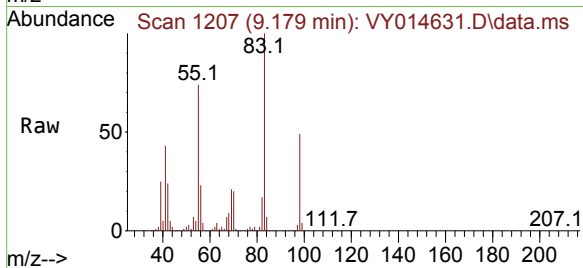
Tgt Ion: 83 Resp: 141329

Ion Ratio Lower Upper

83 100

55 73.4 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 22.466 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014631.D

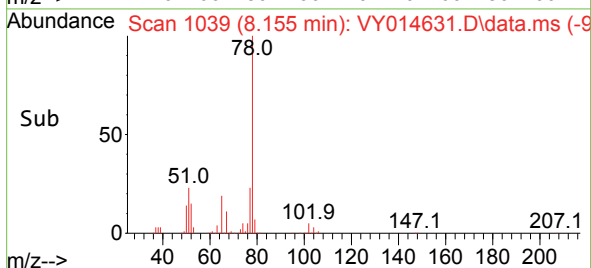
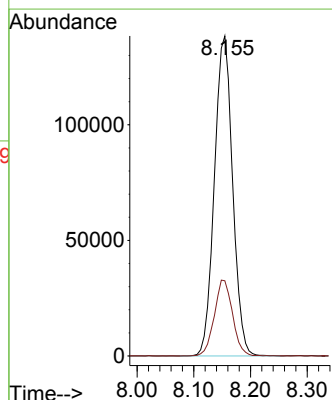
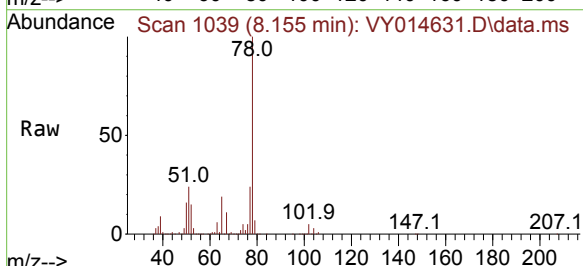
Acq: 13 Jul 2023 16:48

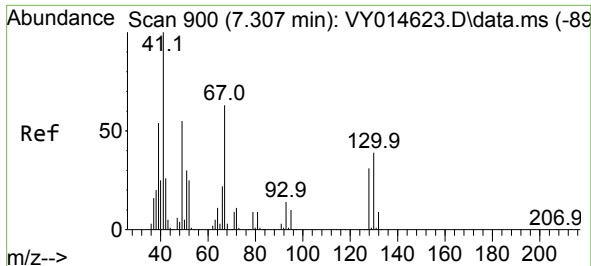
Tgt Ion: 78 Resp: 308627

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

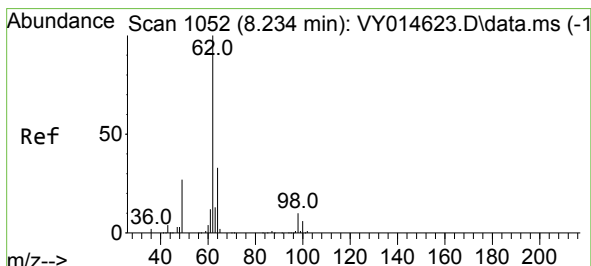
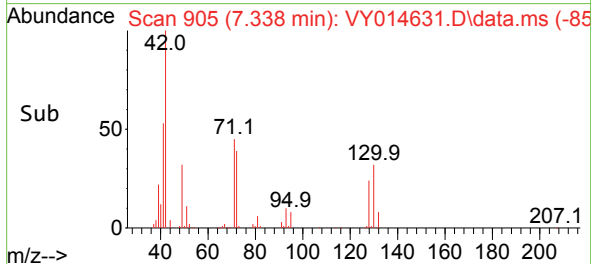
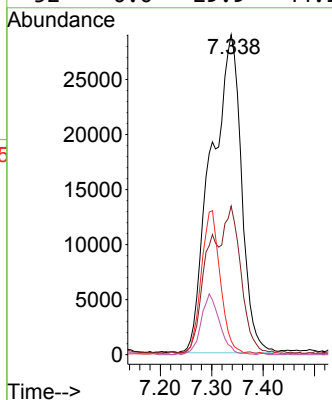
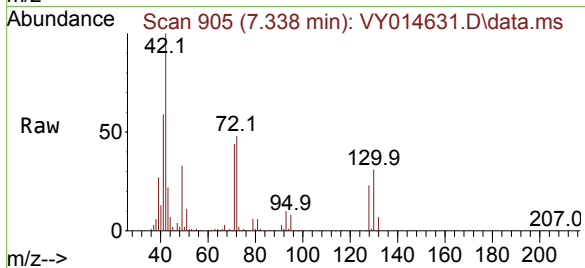




#41
Methacrylonitrile
Concen: 69.097 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

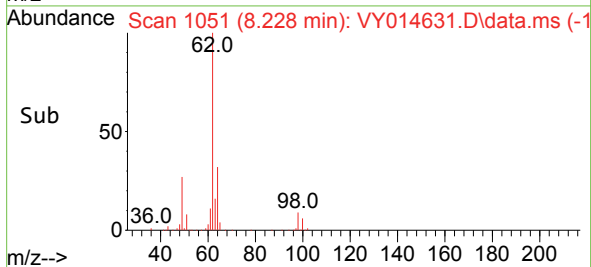
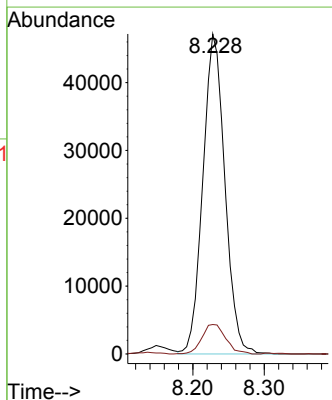
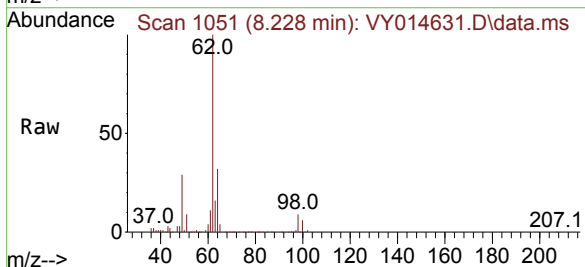
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

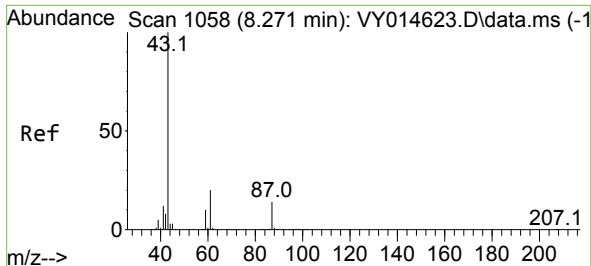
Tgt Ion: 41 Resp: 118197
Ion Ratio Lower Upper
41 100
39 24.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 23.199 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 62 Resp: 100923
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

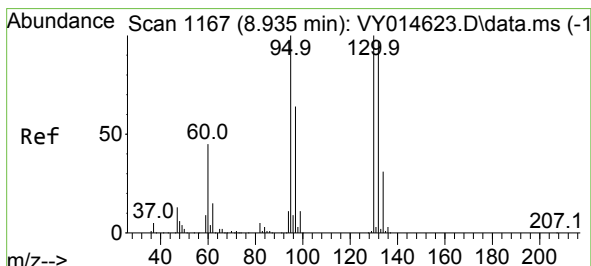
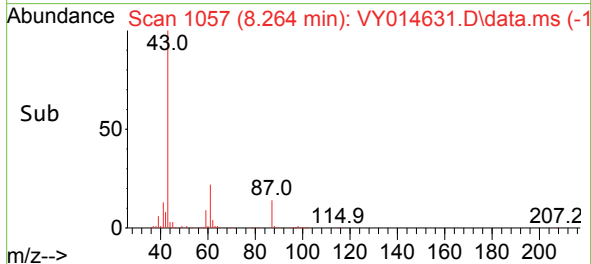
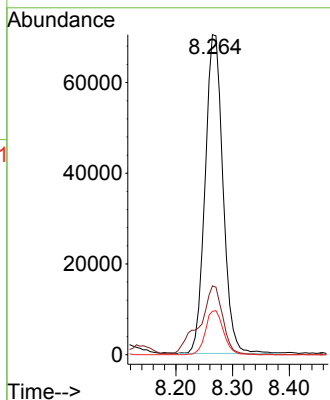
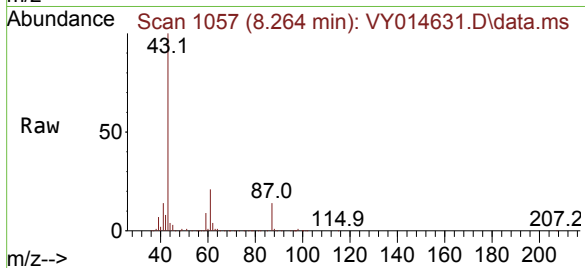




#43
Isopropyl Acetate
Concen: 24.198 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

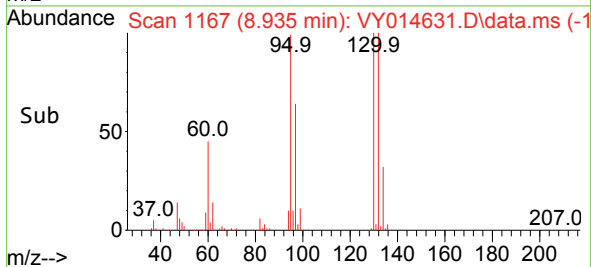
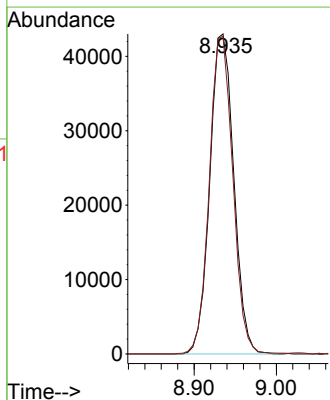
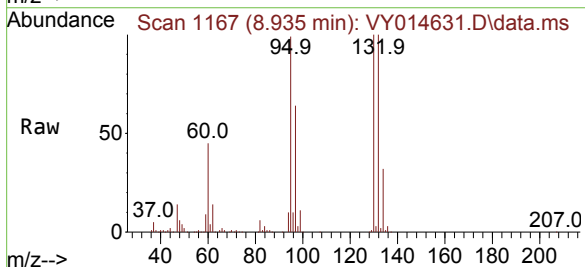
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

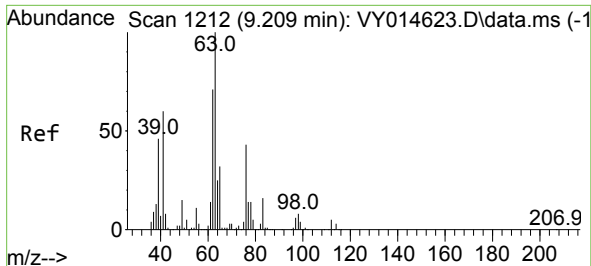
Tgt Ion: 43 Resp: 153298
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 22.623 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 130 Resp: 86957
Ion Ratio Lower Upper
130 100
95 99.1 0.0 196.0

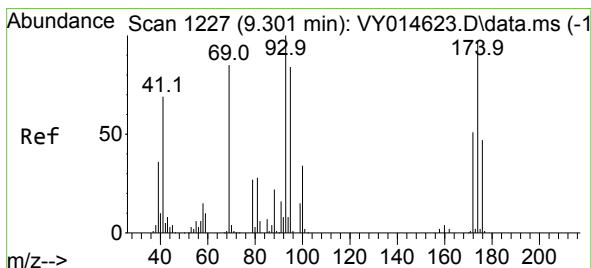
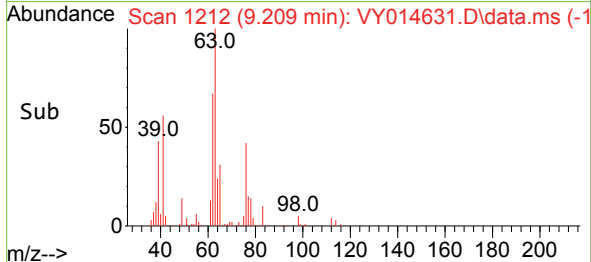
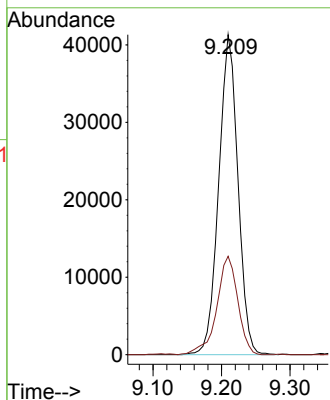
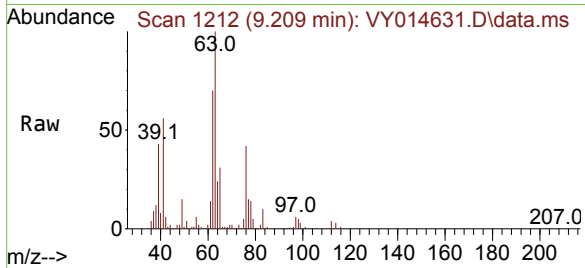




#45
1,2-Dichloropropane
Concen: 22.369 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

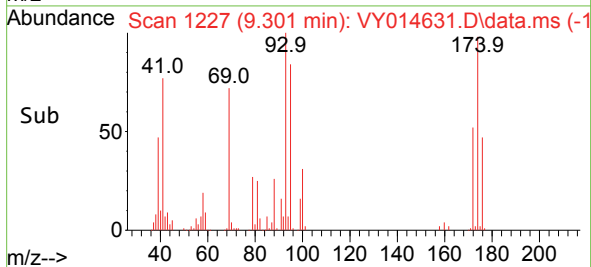
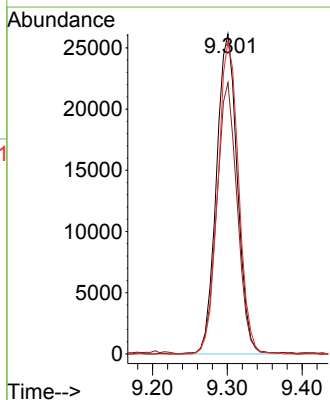
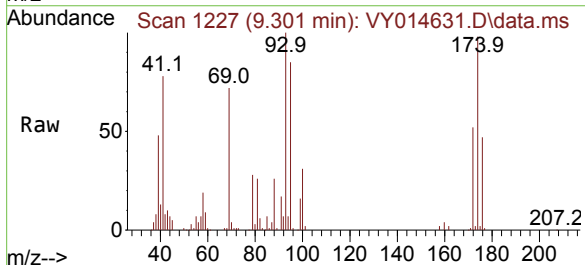
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

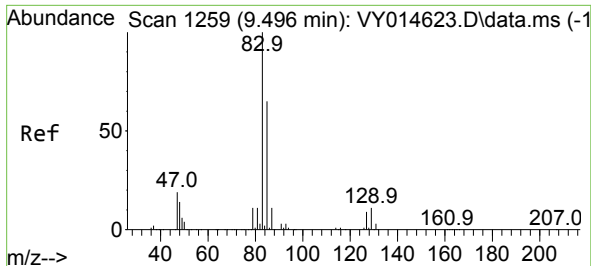
Tgt Ion: 63 Resp: 80242
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 23.355 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 93 Resp: 50825
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 97.1 84.8 127.2

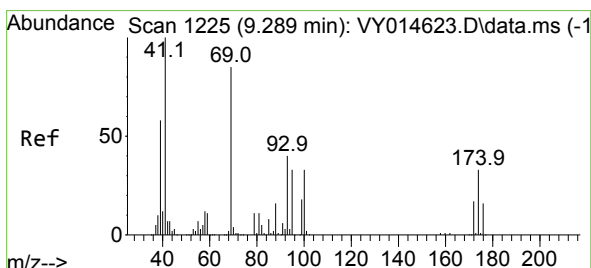
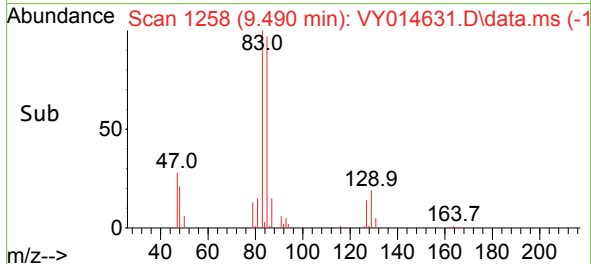
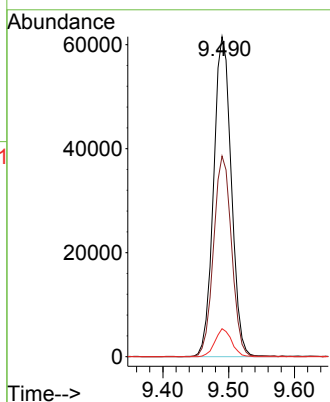
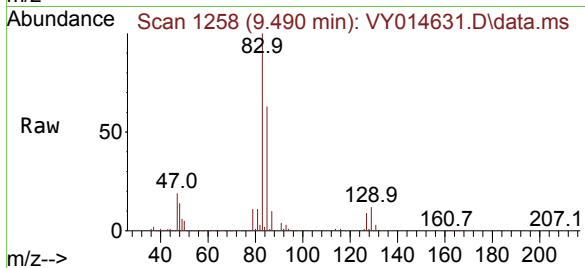




#47
Bromodichloromethane
Concen: 22.462 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

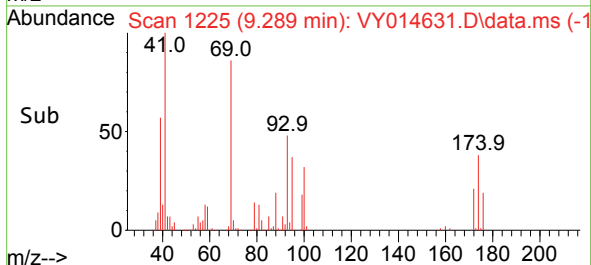
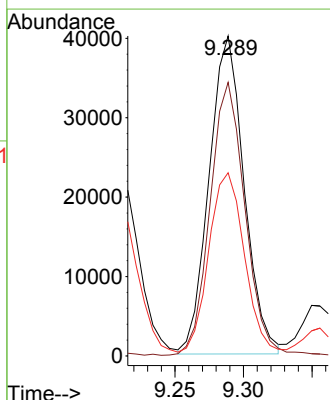
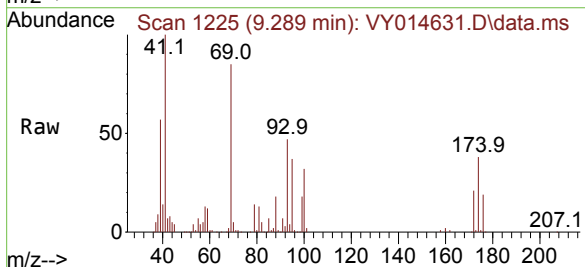
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

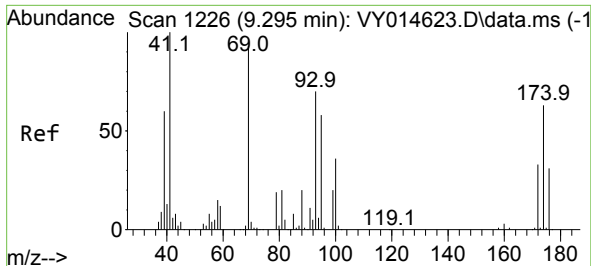
Tgt Ion: 83 Resp: 115212
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 24.966 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 41 Resp: 71170
Ion Ratio Lower Upper
41 100
69 85.9 64.5 96.7
39 57.1 50.8 76.2





#49

1,4-Dioxane

Concen: 544.511 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

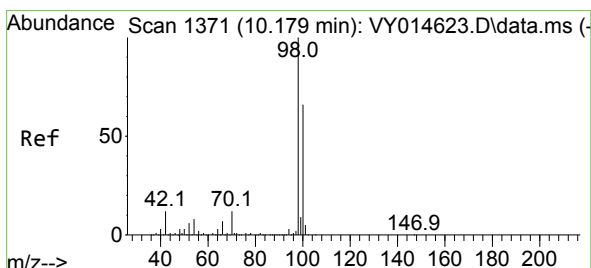
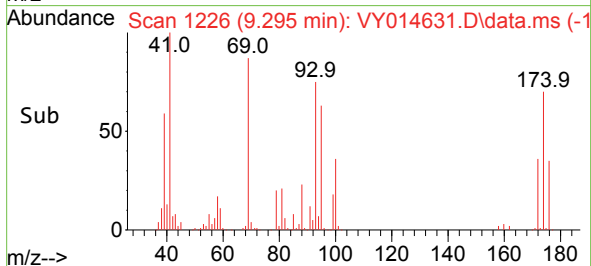
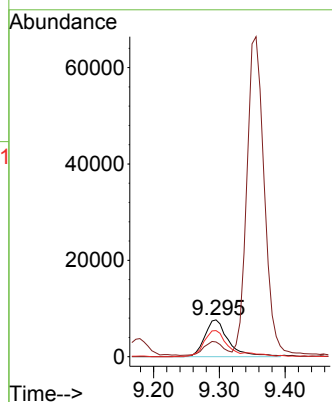
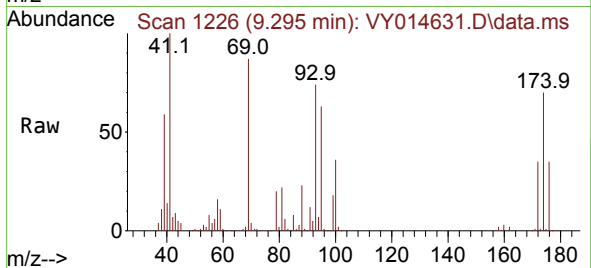
Tgt Ion: 88 Resp: 19322

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 74.6 30.9 46.3#



#50

Toluene-d8

Concen: 46.957 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014631.D

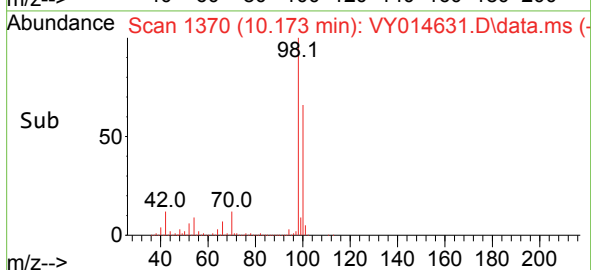
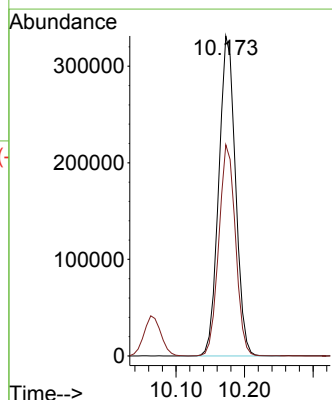
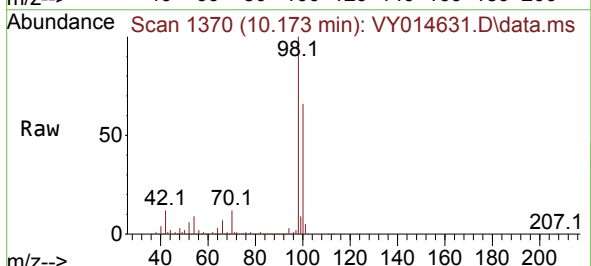
Acq: 13 Jul 2023 16:48

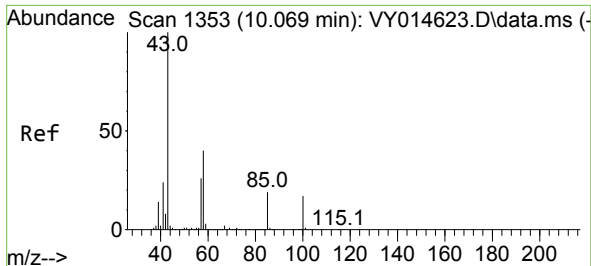
Tgt Ion: 98 Resp: 559177

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 128.128 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

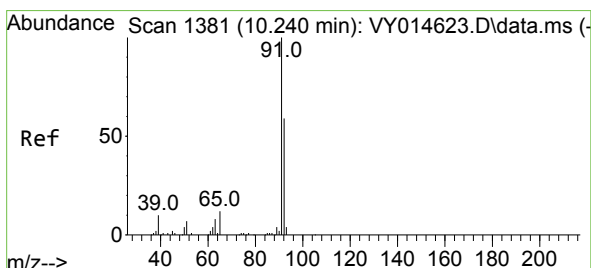
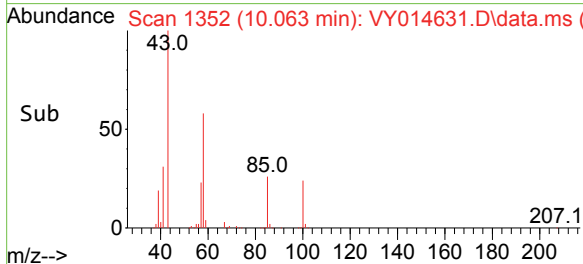
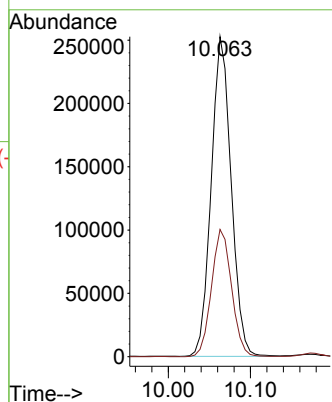
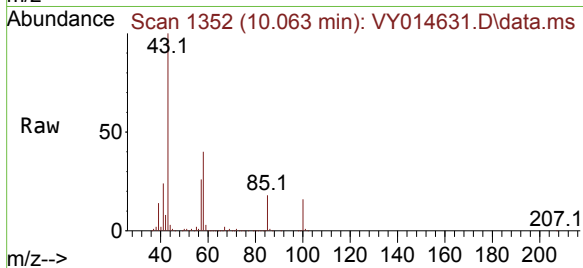
VY0713SBS01

Tgt Ion: 43 Resp: 426185

Ion Ratio Lower Upper

43 100

58 40.1 29.0 43.6



#52

Toluene

Concen: 22.362 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY014631.D

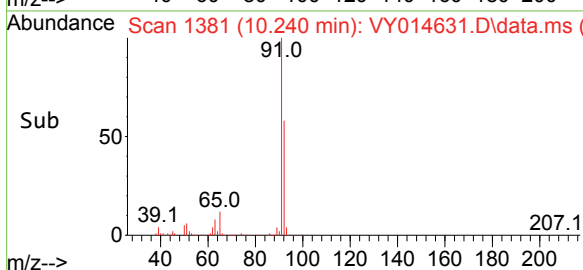
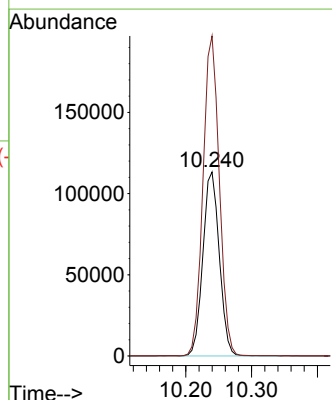
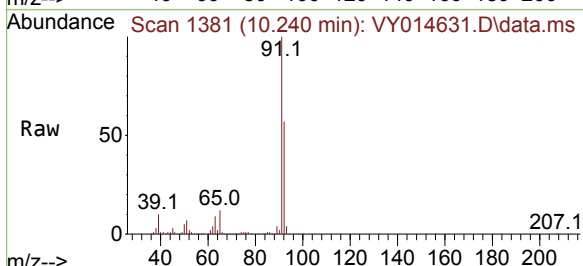
Acq: 13 Jul 2023 16:48

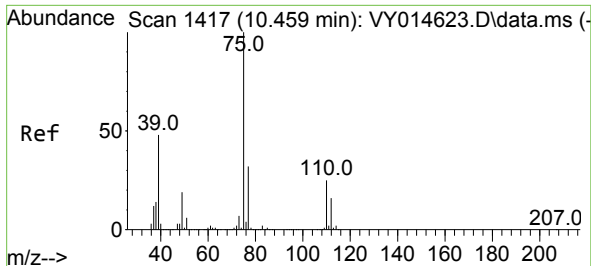
Tgt Ion: 92 Resp: 196583

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6

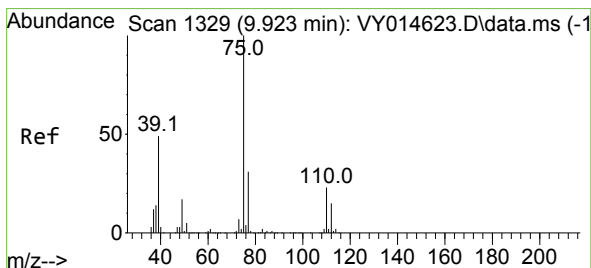
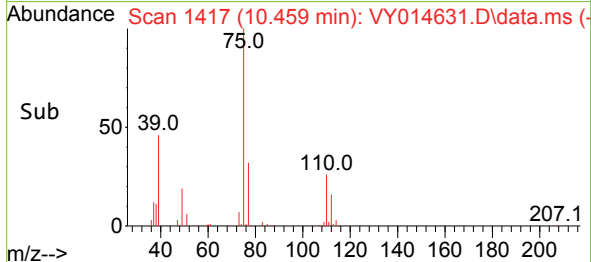
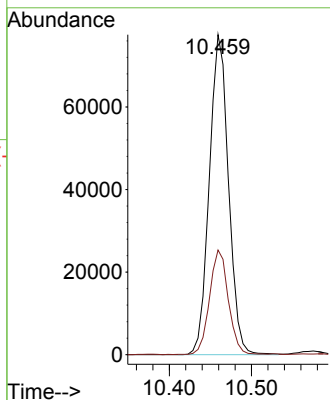
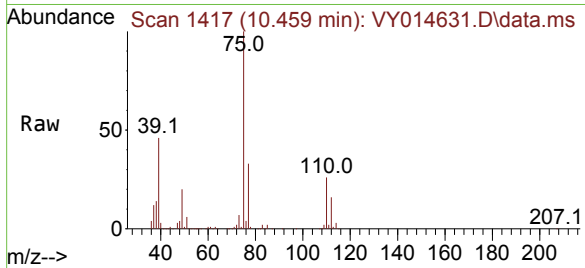




#53
 t-1,3-Dichloropropene
 Concen: 22.391 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

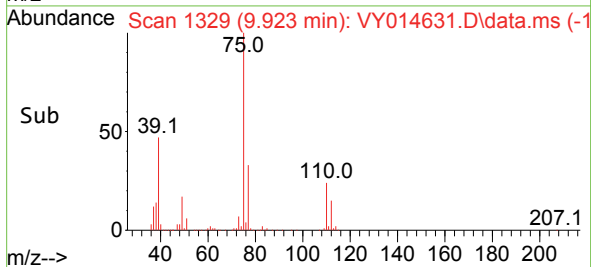
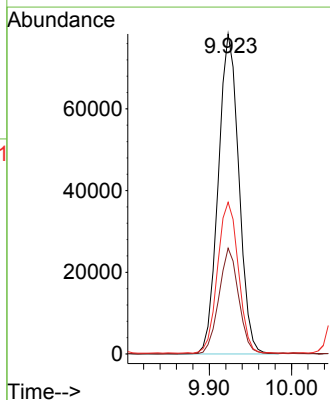
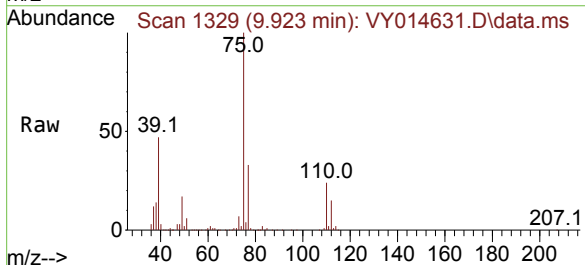
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

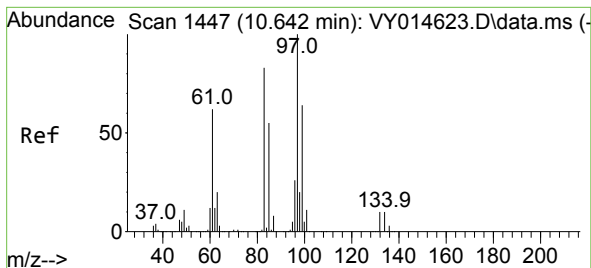
Tgt Ion: 75 Resp: 125620
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.386 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion: 75 Resp: 136583
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.2 36.4
 39 47.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 23.304 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 97 Resp: 70643

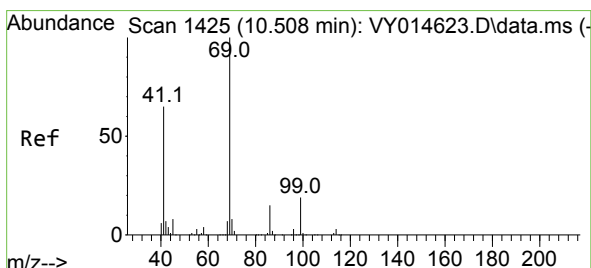
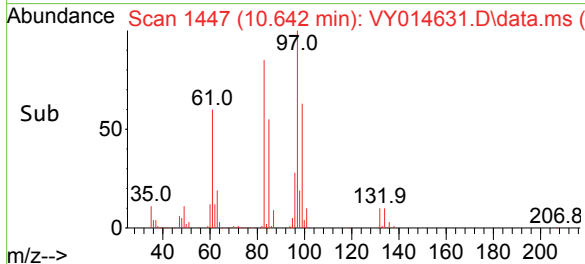
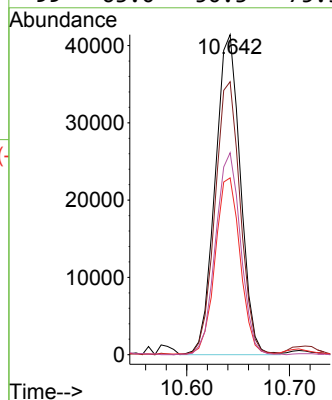
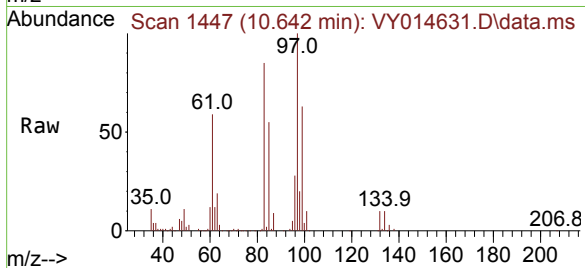
Ion Ratio Lower Upper

97 100

83 85.1 72.0 108.0

85 55.0 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 23.840 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

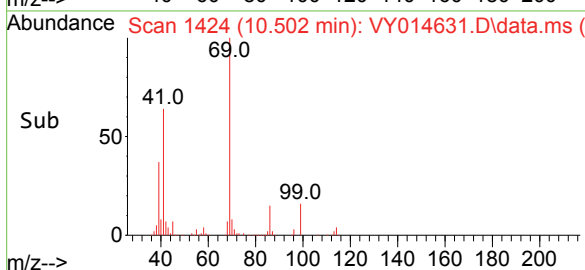
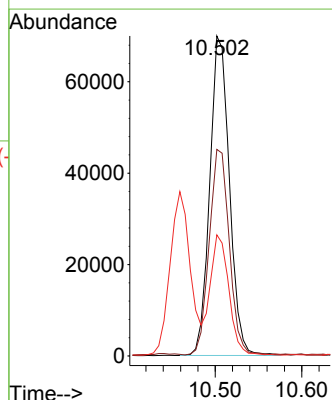
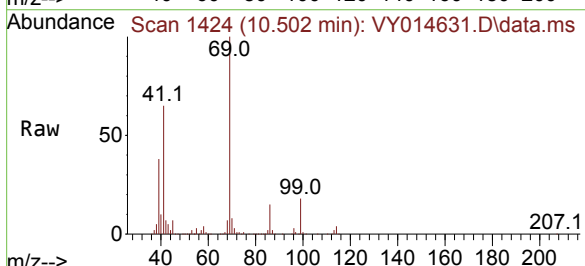
Tgt Ion: 69 Resp: 110341

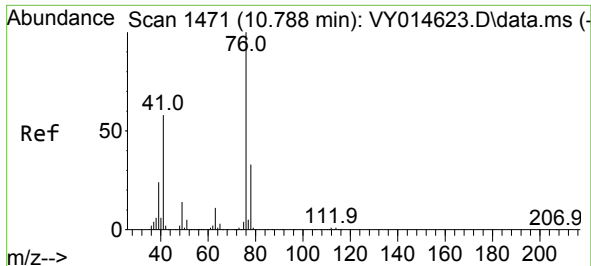
Ion Ratio Lower Upper

69 100

41 65.6 57.6 86.4

39 35.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 22.846 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

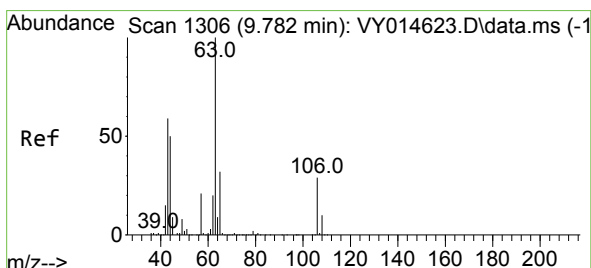
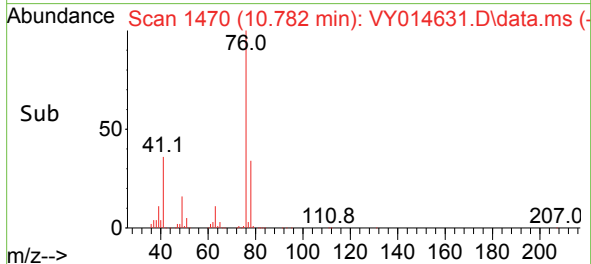
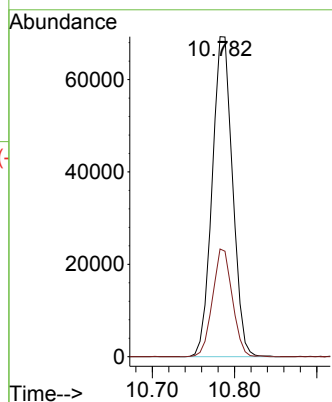
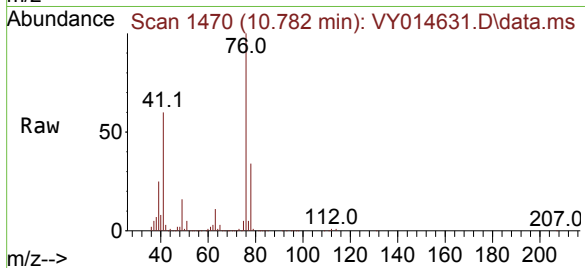
VY0713SBS01

Tgt Ion: 76 Resp: 119451

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 116.095 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014631.D

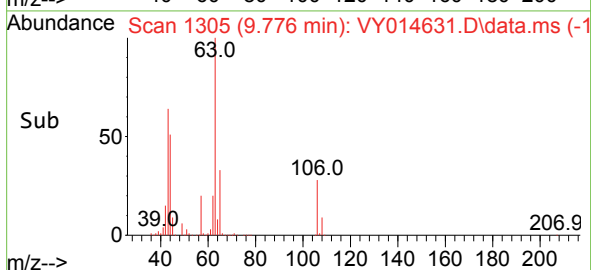
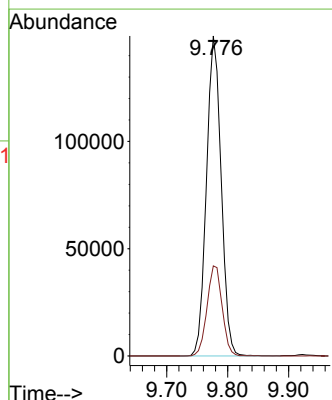
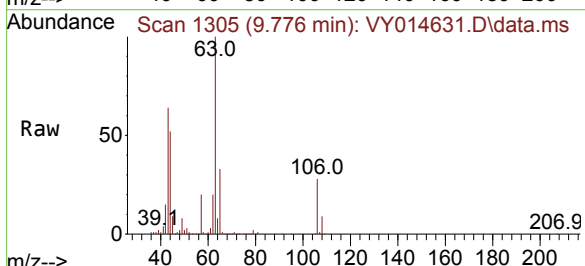
Acq: 13 Jul 2023 16:48

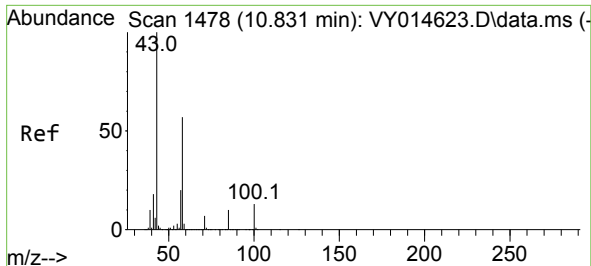
Tgt Ion: 63 Resp: 250368

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

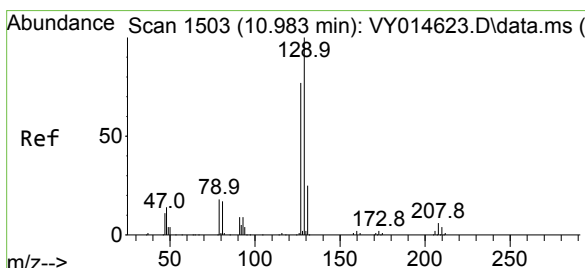
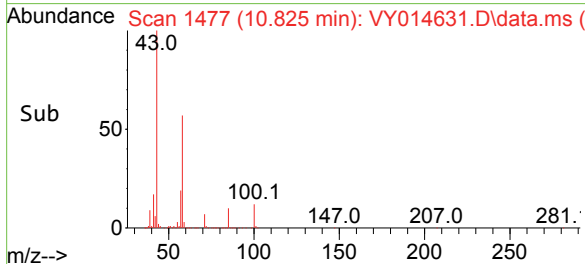
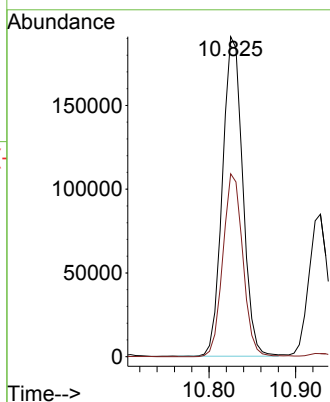
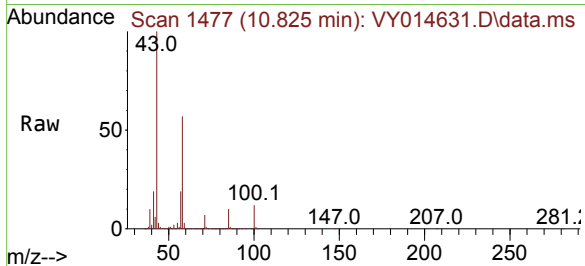




#59
2-Hexanone
Concen: 127.760 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

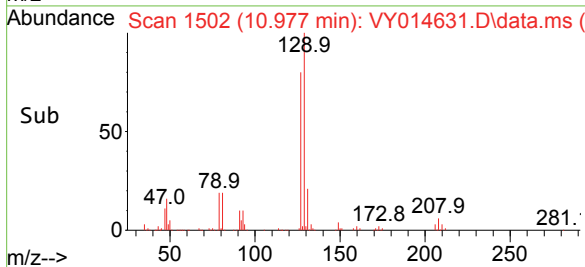
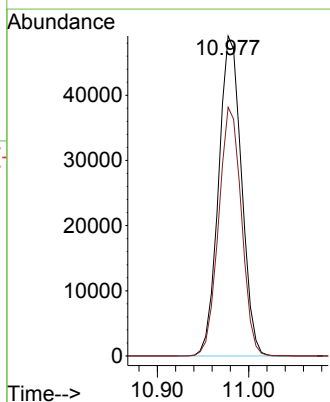
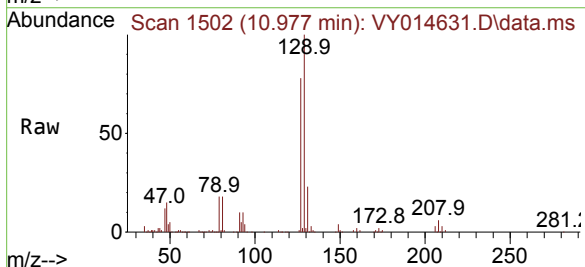
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

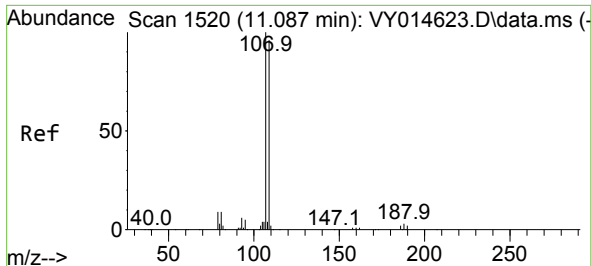
Tgt Ion: 43 Resp: 309903
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 23.015 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 129 Resp: 85540
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

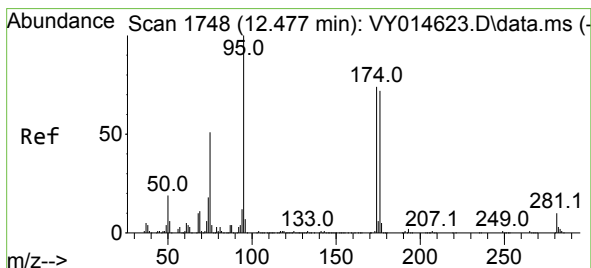
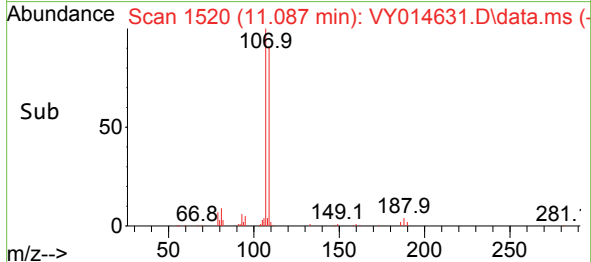
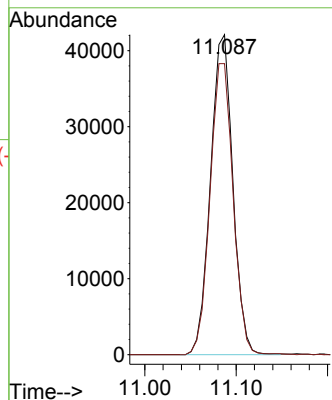
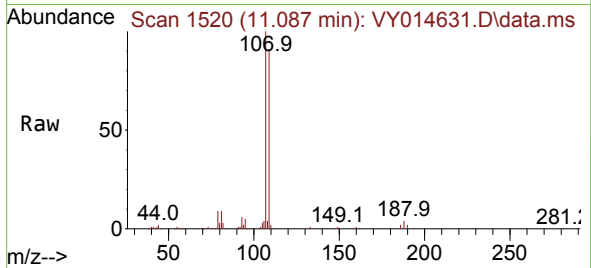




#61
1,2-Dibromoethane
Concen: 23.666 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

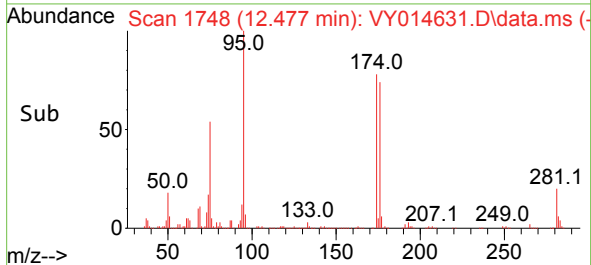
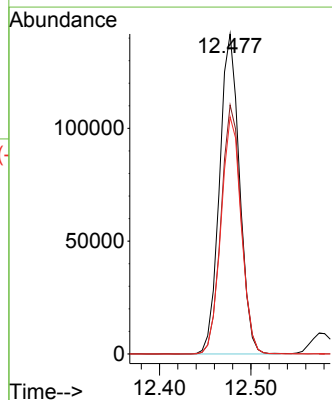
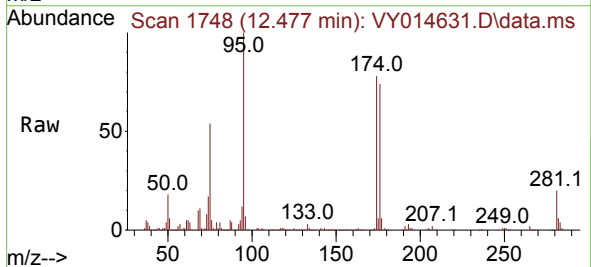
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

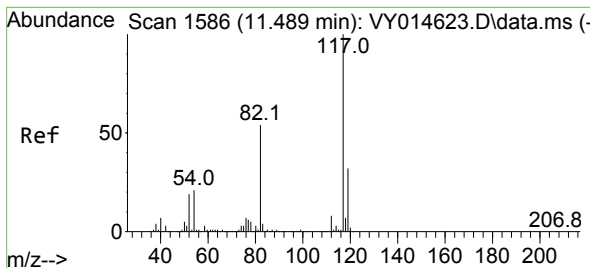
Tgt Ion:107 Resp: 71570
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 95 Resp: 215725
Ion Ratio Lower Upper
95 100
174 78.4 0.0 178.2
176 75.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

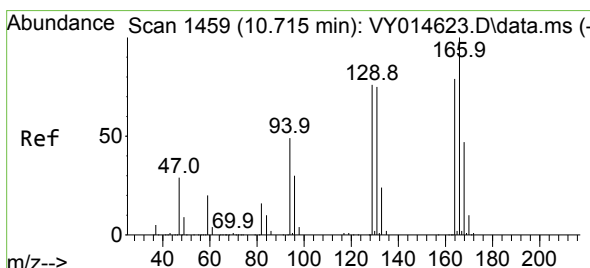
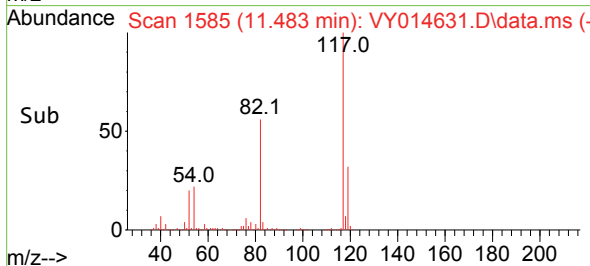
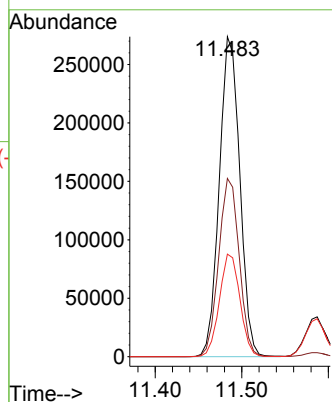
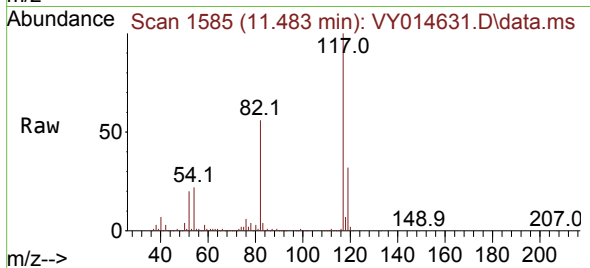
Tgt Ion:117 Resp: 450163

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 23.535 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion:164 Resp: 85208

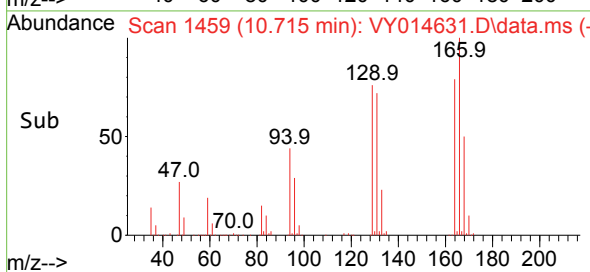
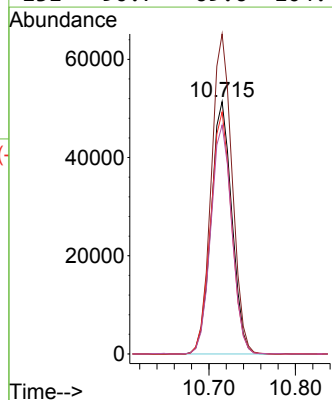
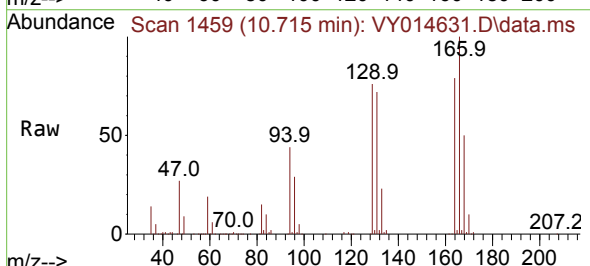
Ion Ratio Lower Upper

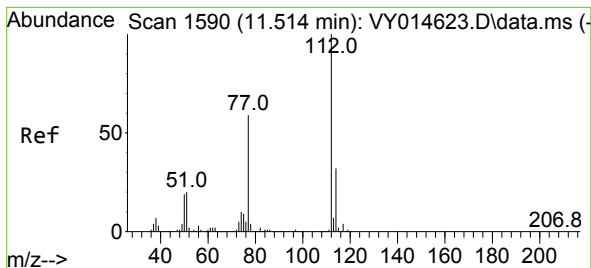
164 100

166 126.8 103.0 154.6

129 95.9 77.2 115.8

131 90.7 69.6 104.4





#65

Chlorobenzene

Concen: 22.143 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

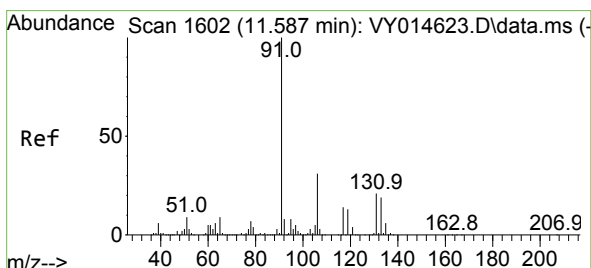
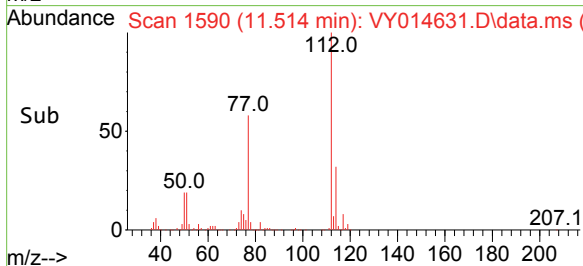
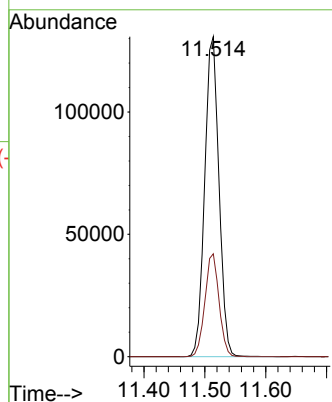
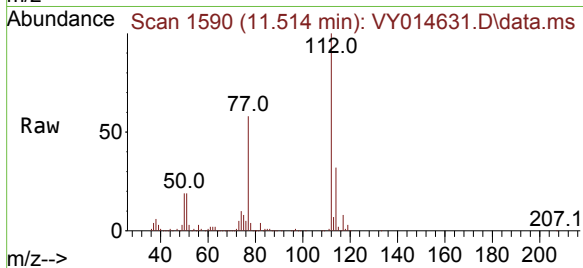
VY0713SBS01

Tgt Ion:112 Resp: 212413

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.397 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

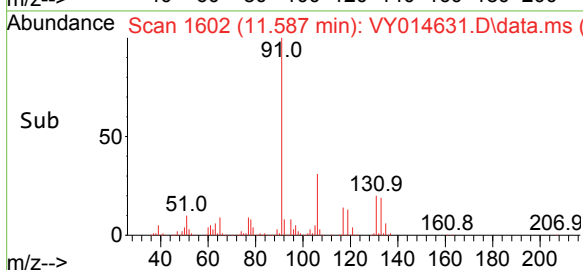
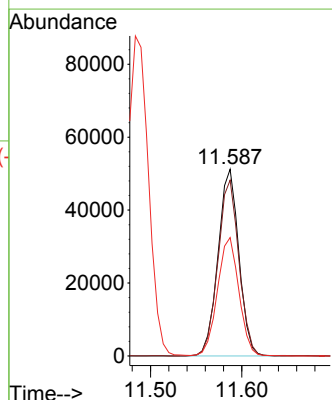
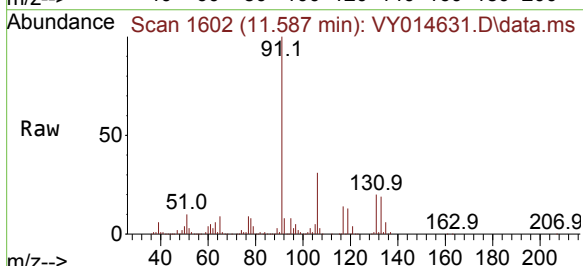
Tgt Ion:131 Resp: 81008

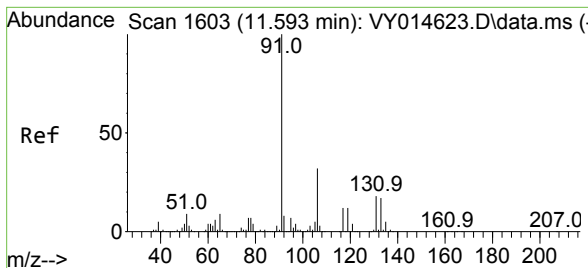
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 65.6 31.6 94.7

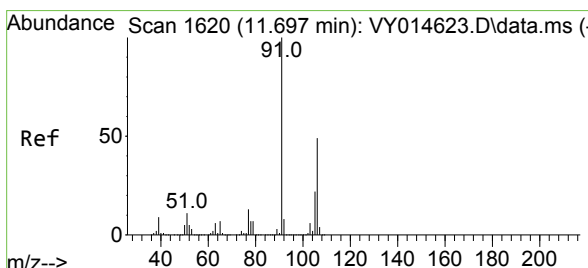
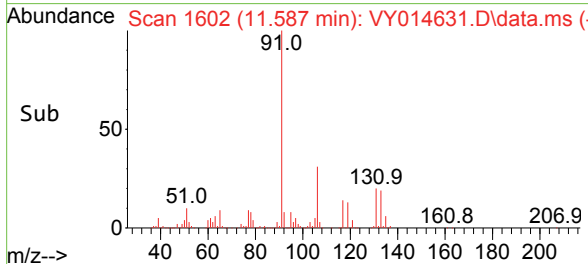
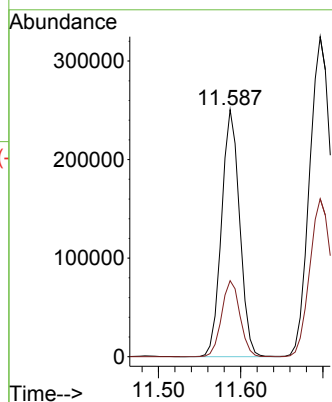
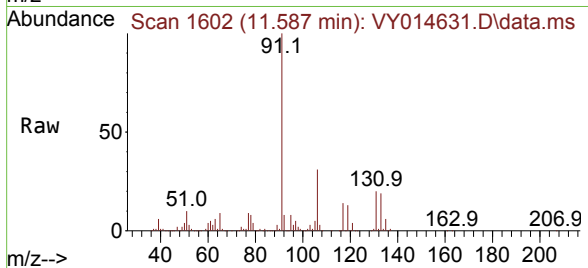




#67
Ethyl Benzene
Concen: 22.149 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

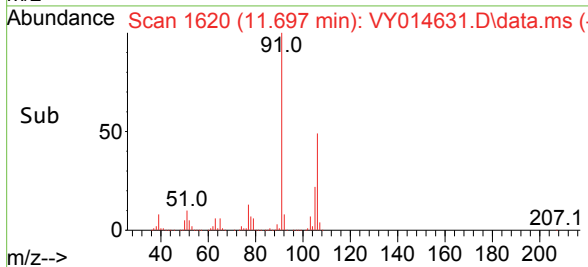
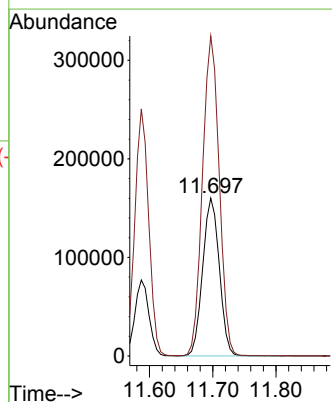
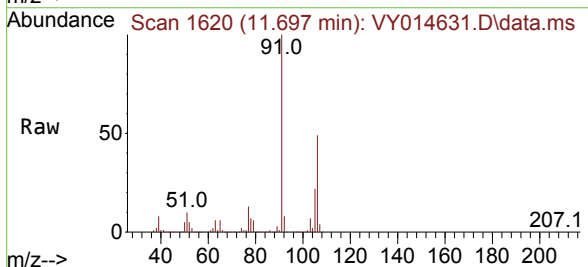
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

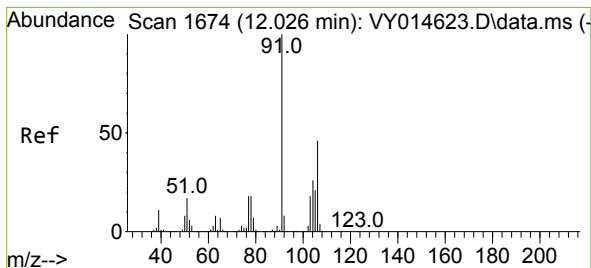
Tgt Ion: 91 Resp: 383623
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 44.375 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 106 Resp: 293381
Ion Ratio Lower Upper
106 100
91 203.7 166.1 249.1





#69

o-Xylene

Concen: 22.209 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

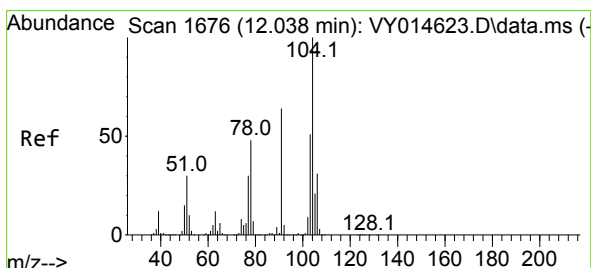
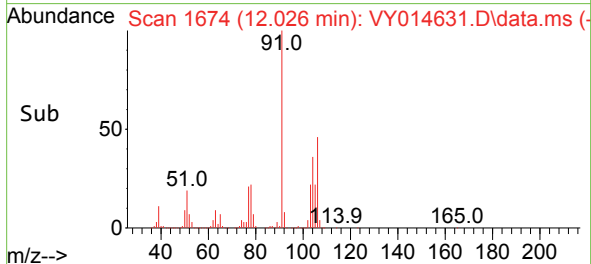
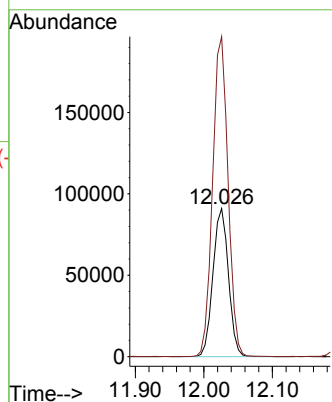
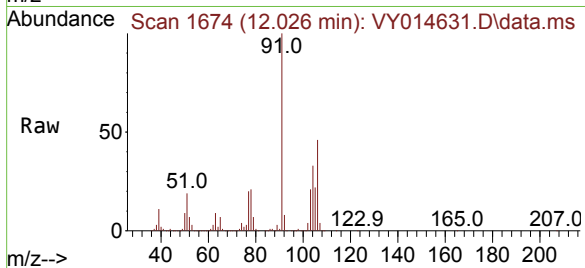
VY0713SBSD01

Tgt Ion:106 Resp: 143018

Ion Ratio Lower Upper

106 100

91 214.8 108.1 324.3



#70

Styrene

Concen: 22.443 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

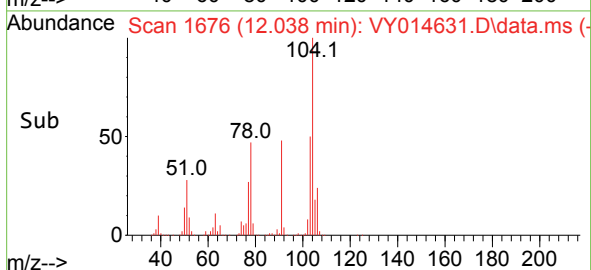
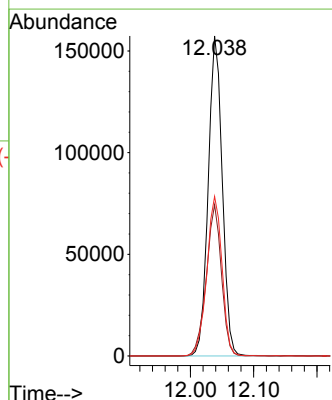
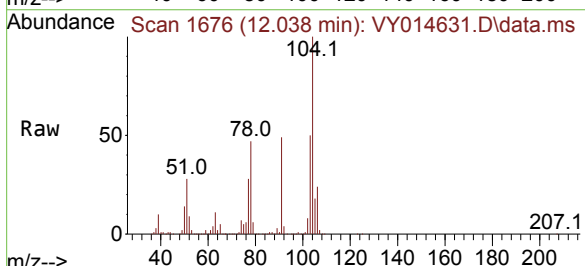
Tgt Ion:104 Resp: 243588

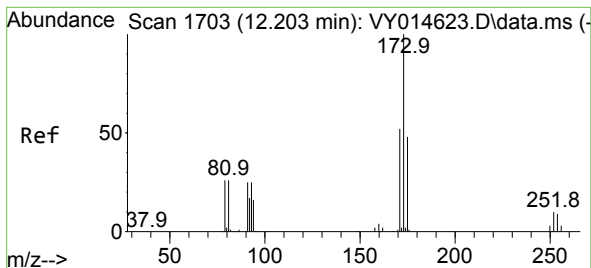
Ion Ratio Lower Upper

104 100

78 50.9 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 23.576 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

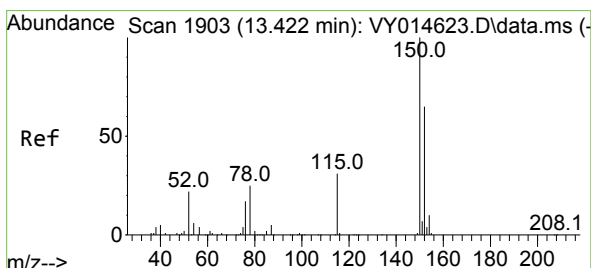
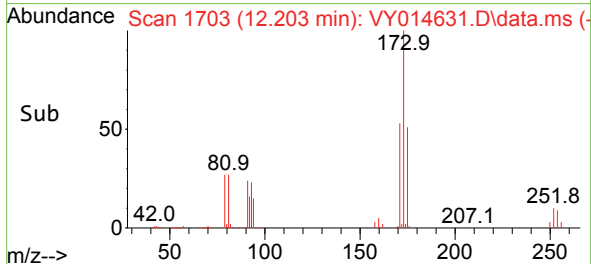
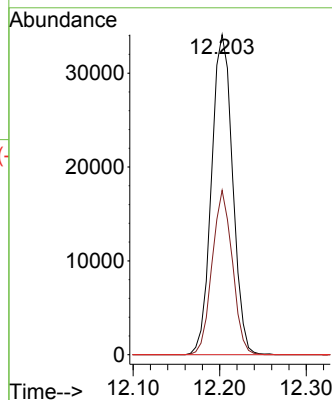
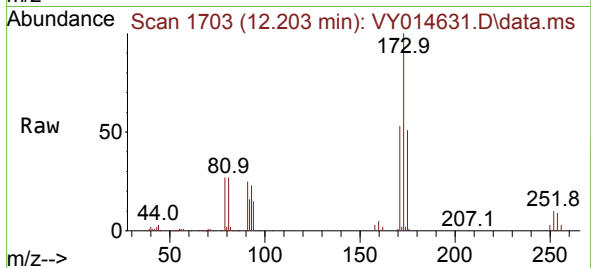
Tgt Ion:173 Resp: 57800

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

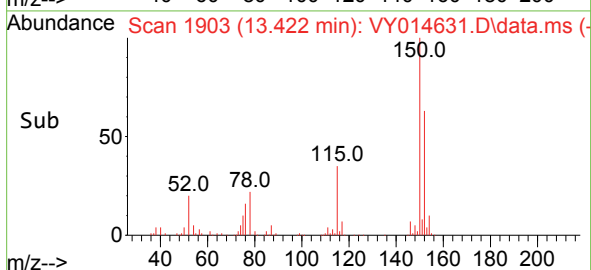
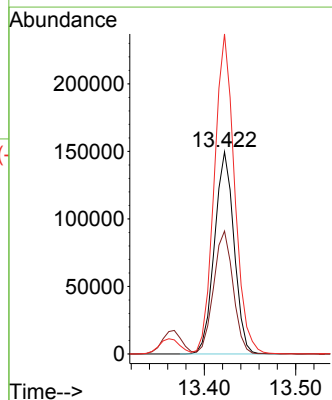
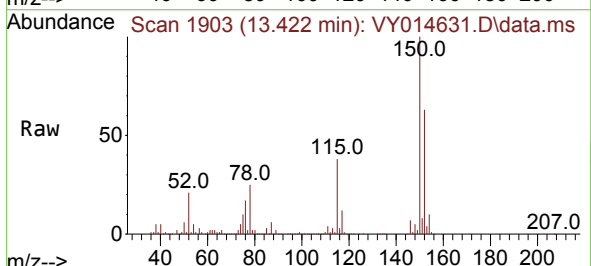
Tgt Ion:152 Resp: 222283

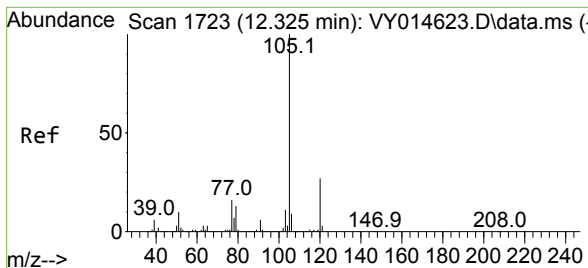
Ion Ratio Lower Upper

152 100

115 60.8 28.8 86.5

150 164.3 0.0 348.8





#73

Isopropylbenzene

Concen: 21.690 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

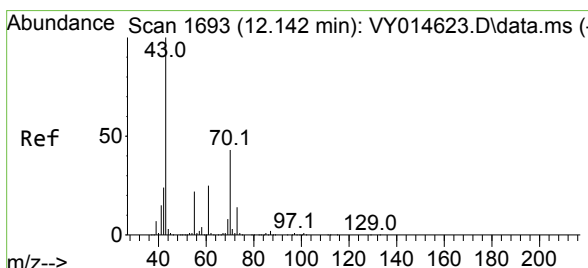
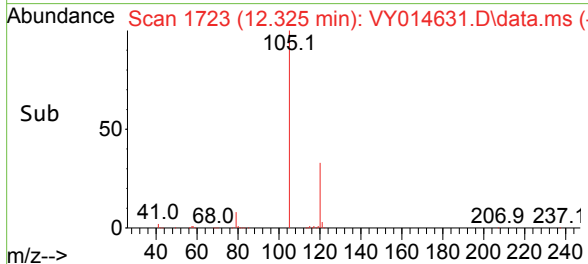
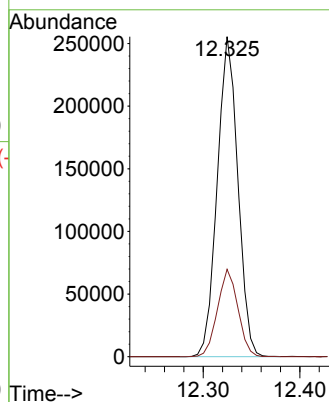
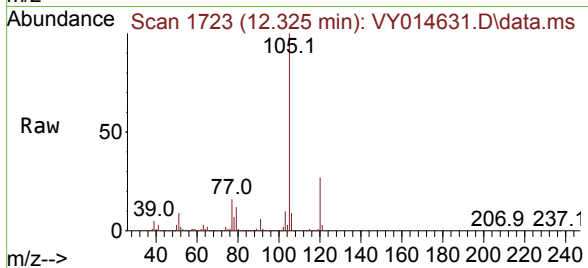
VY0713SBS01

Tgt Ion:105 Resp: 377508

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 23.764 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion: 43 Resp: 138526

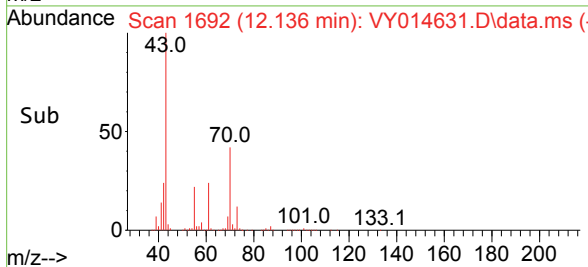
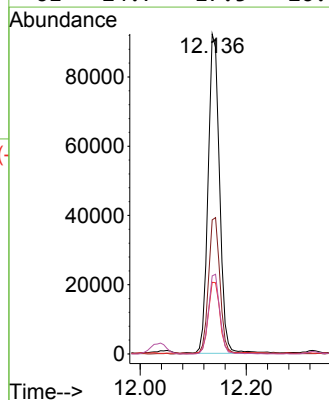
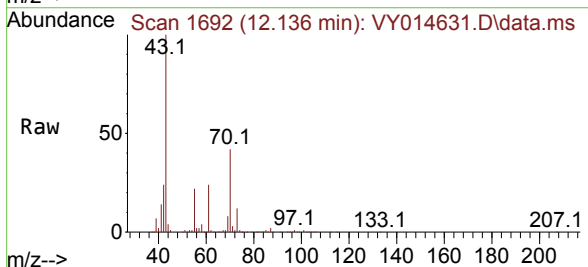
Ion Ratio Lower Upper

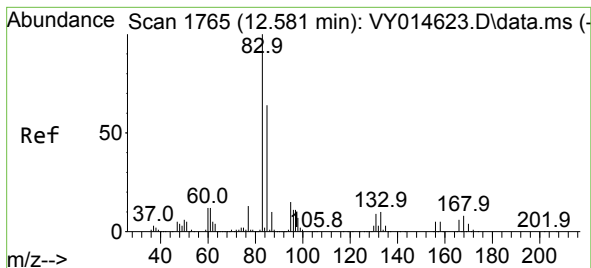
43 100

70 42.7 29.7 44.5

55 22.3 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 23.398 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

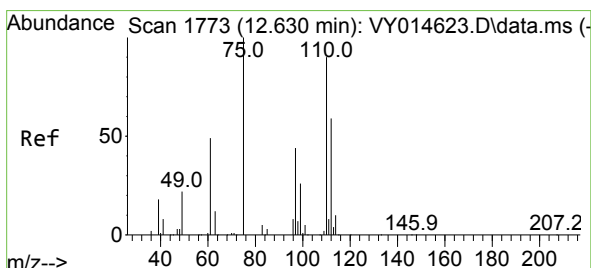
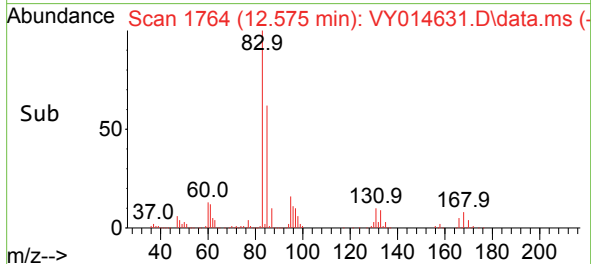
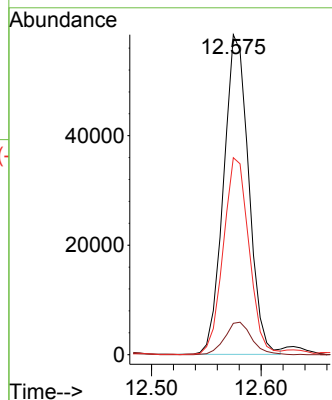
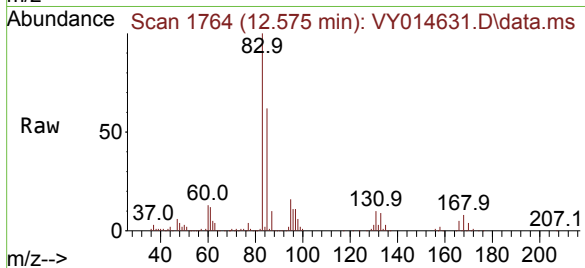
Tgt Ion: 83 Resp: 92867

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 43.951 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014631.D

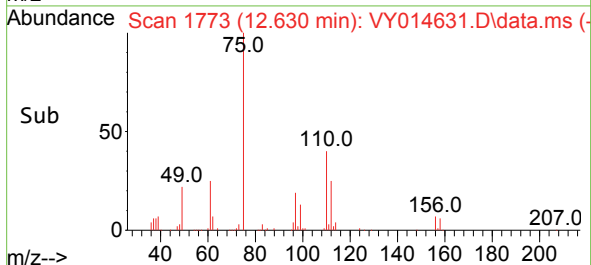
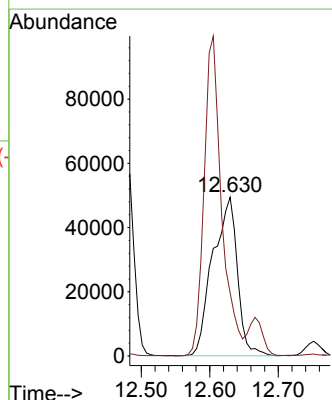
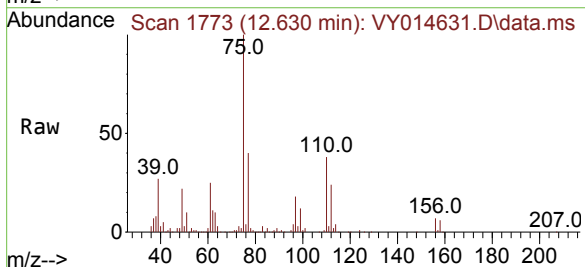
Acq: 13 Jul 2023 16:48

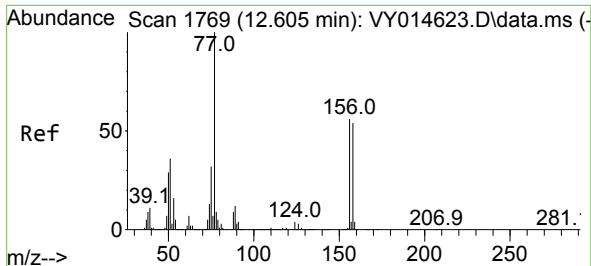
Tgt Ion: 75 Resp: 123387

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

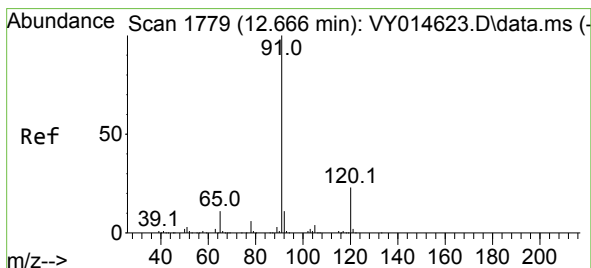
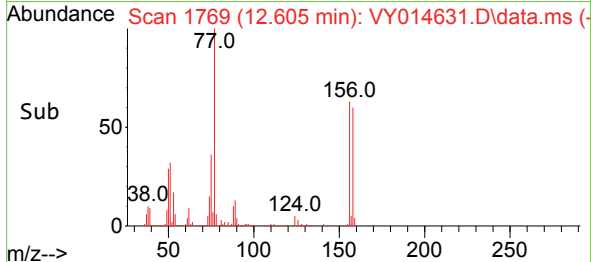
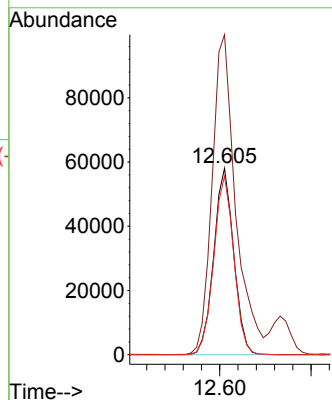
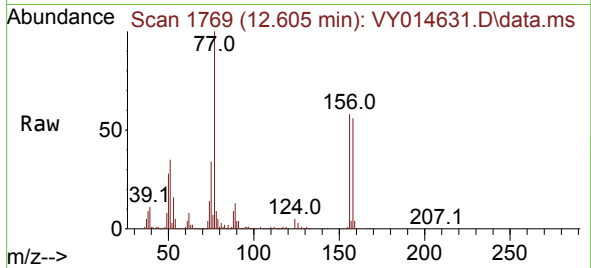




#77
Bromobenzene
Concen: 22.158 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

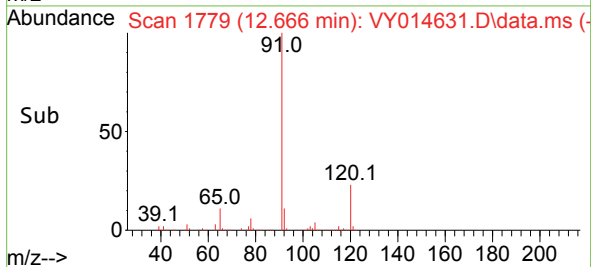
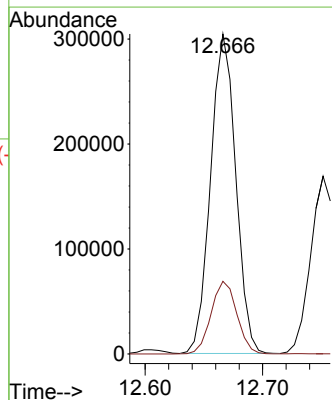
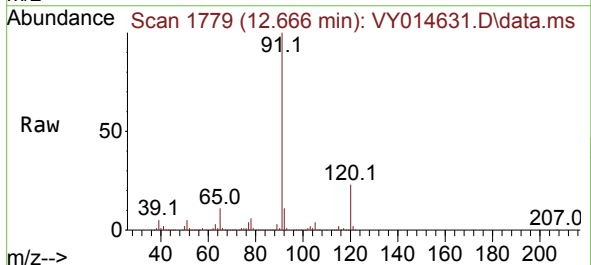
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

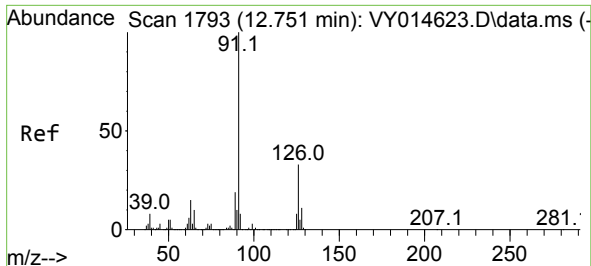
Tgt Ion:156 Resp: 88034
Ion Ratio Lower Upper
156 100
77 201.9 92.8 278.6
158 96.2 48.4 145.3



#78
n-propylbenzene
Concen: 21.637 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 91 Resp: 453793
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

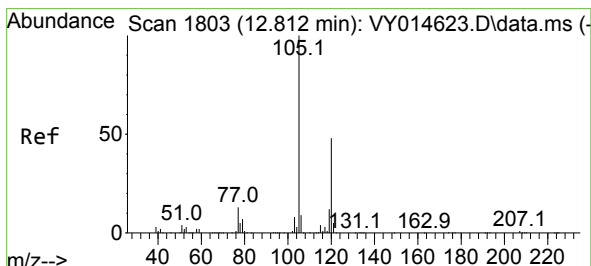
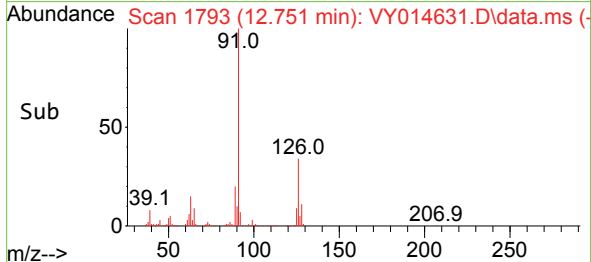
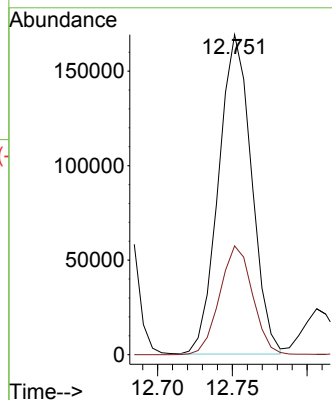
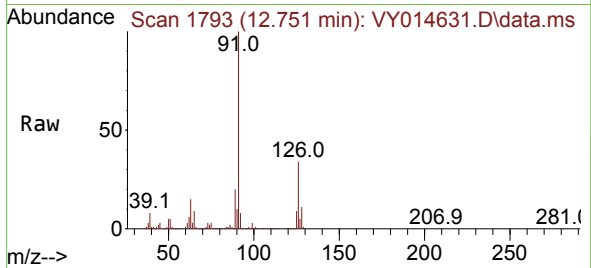




#79
2-Chlorotoluene
Concen: 21.461 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

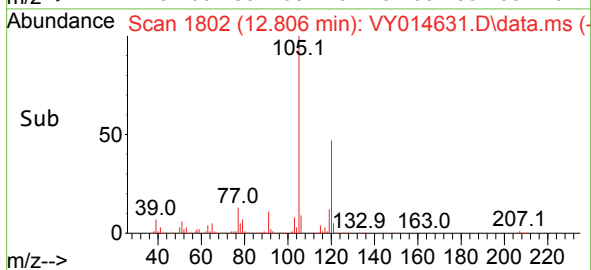
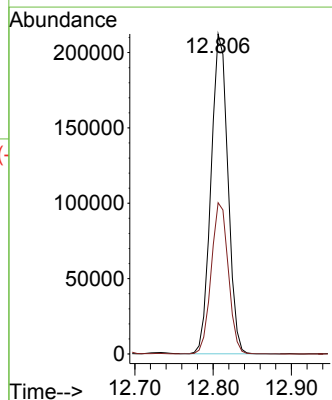
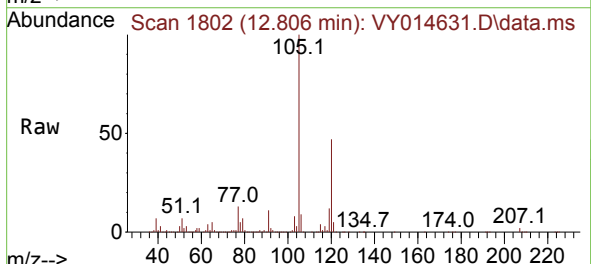
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

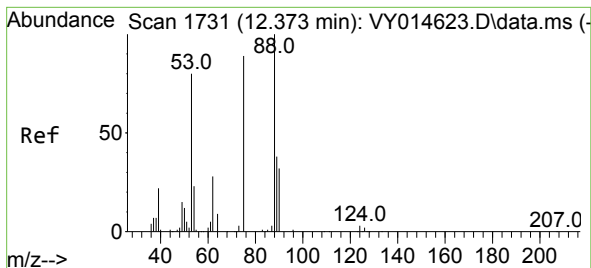
Tgt Ion: 91 Resp: 259256
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.815 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 105 Resp: 317095
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

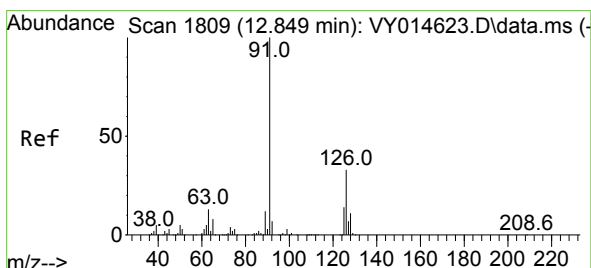
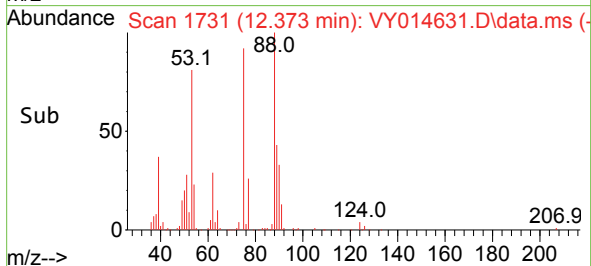
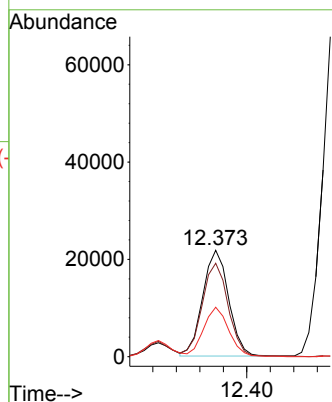
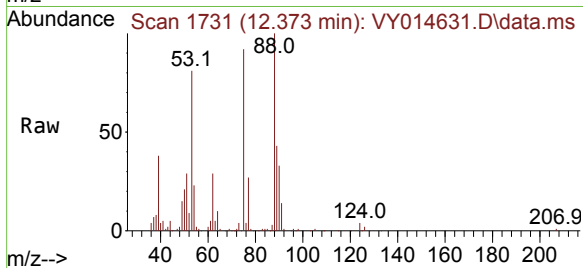




#81
 trans-1,4-Dichloro-2-butene
 Concen: 23.014 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

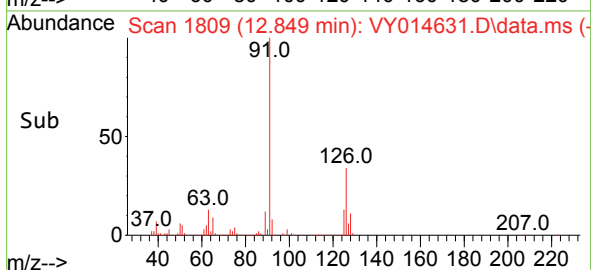
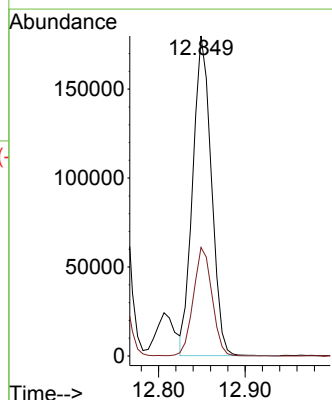
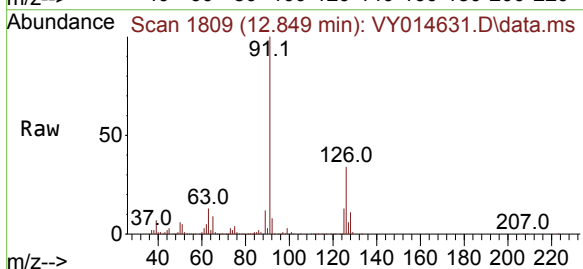
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBSD01

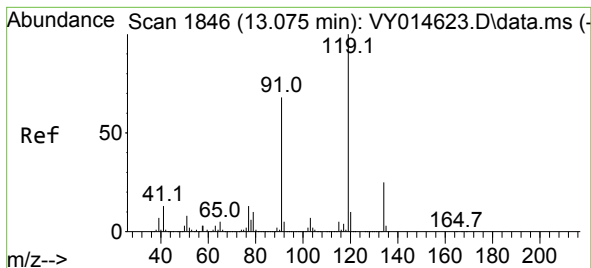
Tgt Ion: 75 Resp: 33369
 Ion Ratio Lower Upper
 75 100
 53 89.7 77.8 116.8
 89 45.5 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 21.497 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion: 91 Resp: 267450
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.898 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.007 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

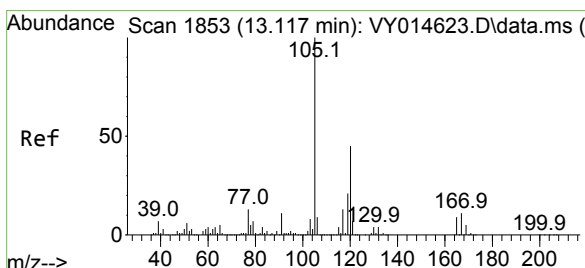
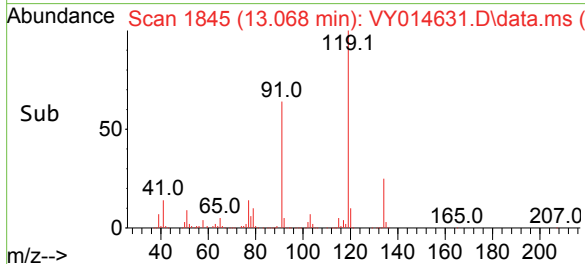
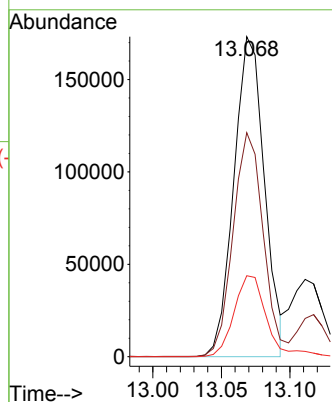
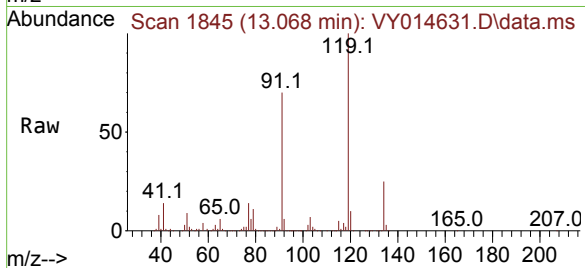
Tgt Ion:119 Resp: 269459

Ion Ratio Lower Upper

119 100

91 69.2 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.995 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014631.D

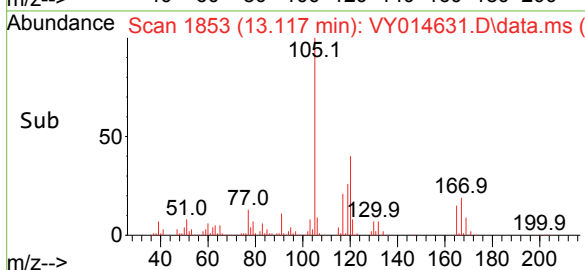
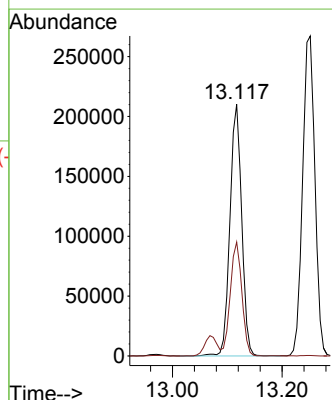
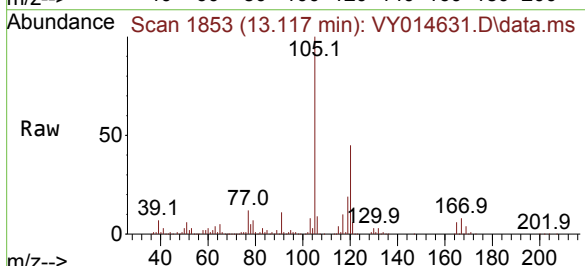
Acq: 13 Jul 2023 16:48

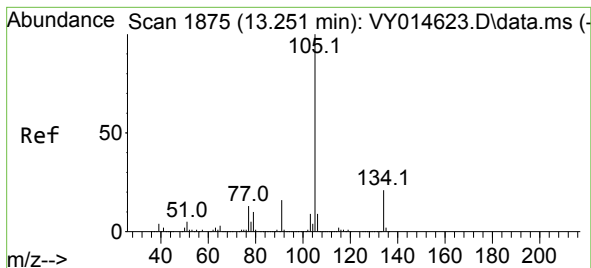
Tgt Ion:105 Resp: 313764

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.916 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

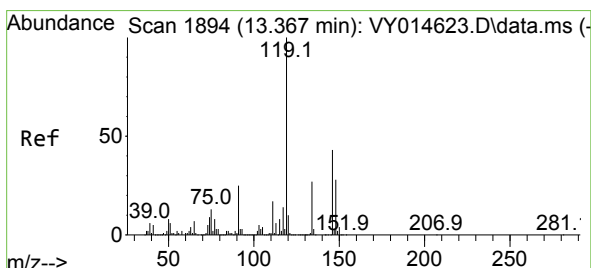
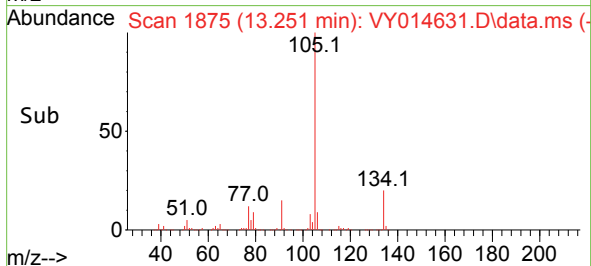
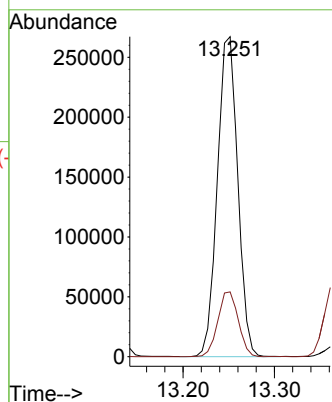
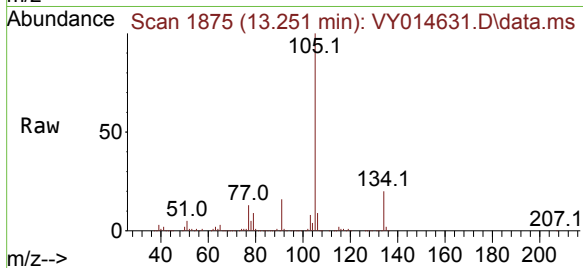
VY0713SBS01

Tgt Ion:105 Resp: 414542

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.141 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

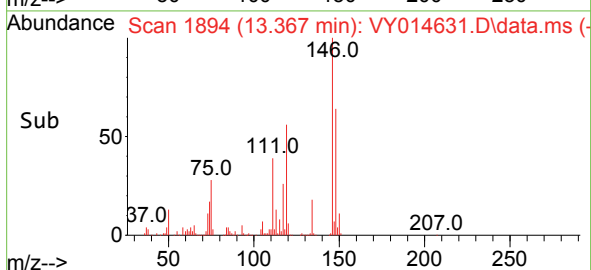
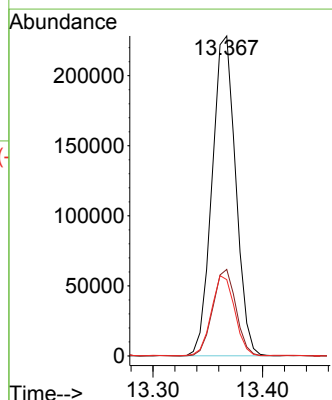
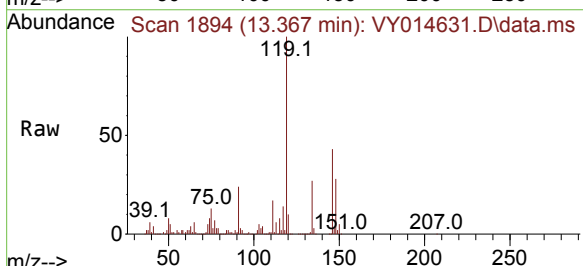
Tgt Ion:119 Resp: 341926

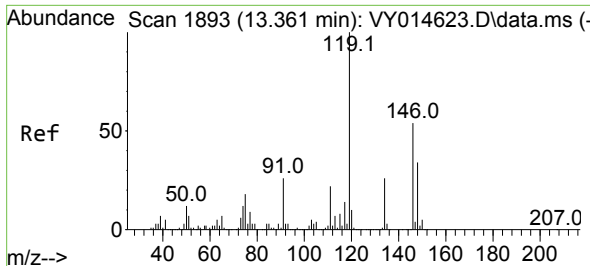
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.6 12.4 37.4

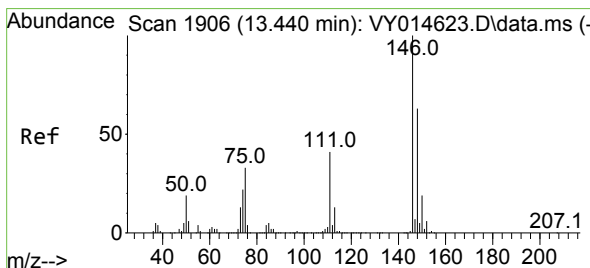
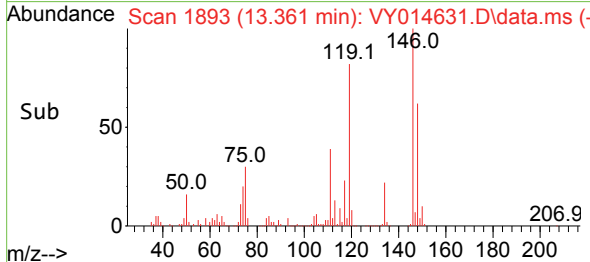
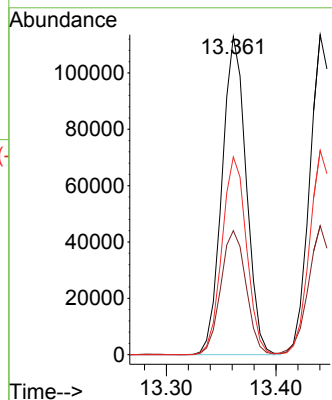
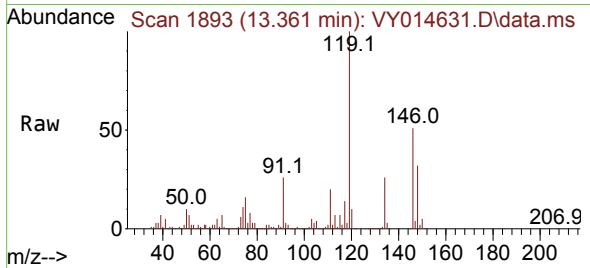




#87
1,3-Dichlorobenzene
Concen: 22.419 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

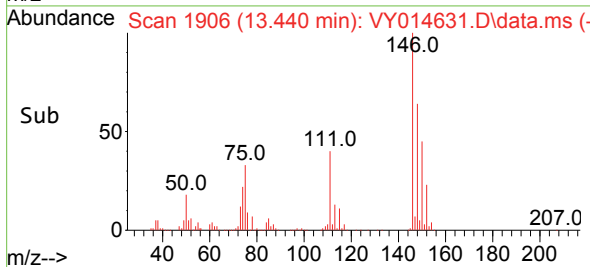
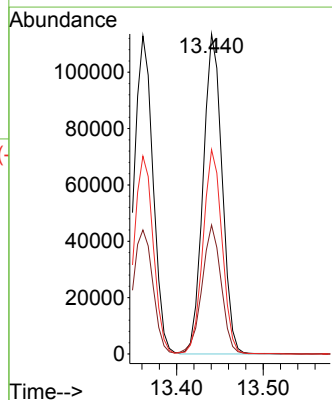
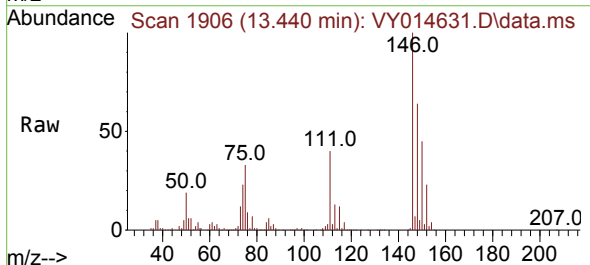
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

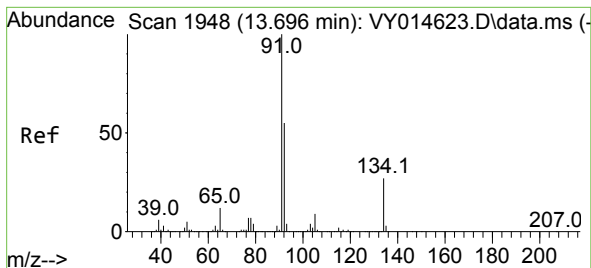
Tgt Ion:146 Resp: 173353
Ion Ratio Lower Upper
146 100
111 40.6 19.4 58.2
148 62.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 22.304 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:146 Resp: 172821
Ion Ratio Lower Upper
146 100
111 40.5 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.928 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

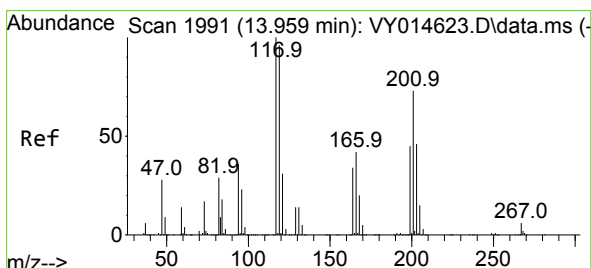
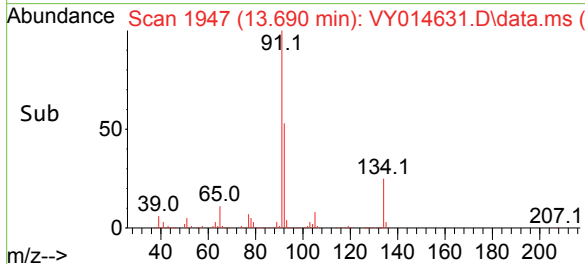
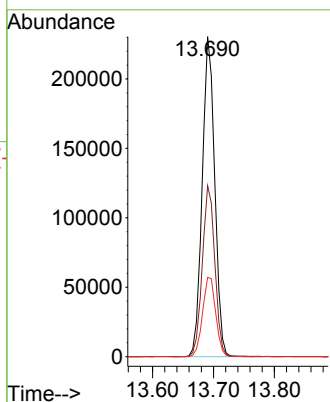
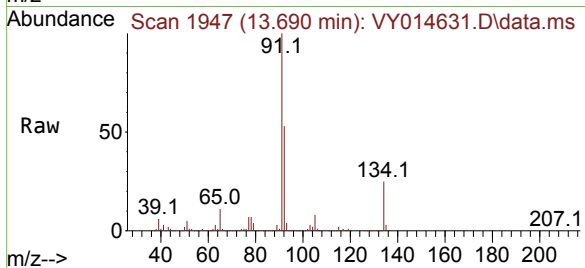
Tgt Ion: 91 Resp: 329462

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 21.498 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014631.D

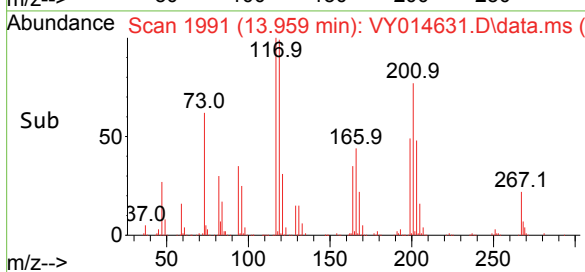
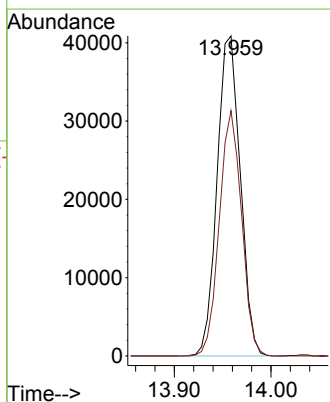
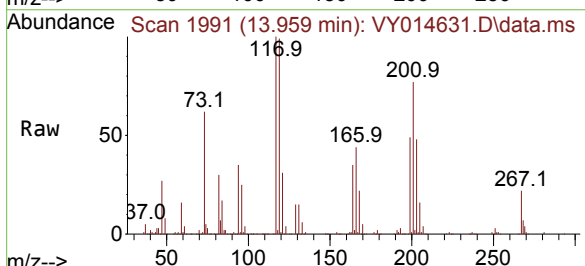
Acq: 13 Jul 2023 16:48

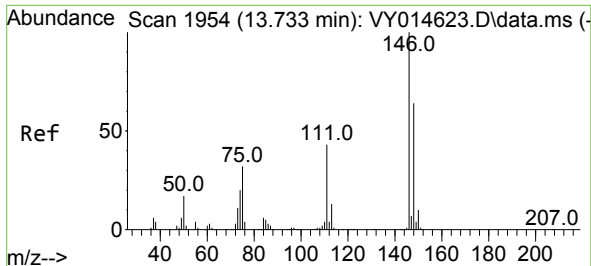
Tgt Ion: 117 Resp: 68194

Ion Ratio Lower Upper

117 100

201 73.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.285 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

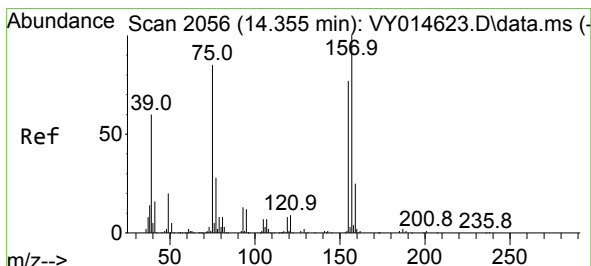
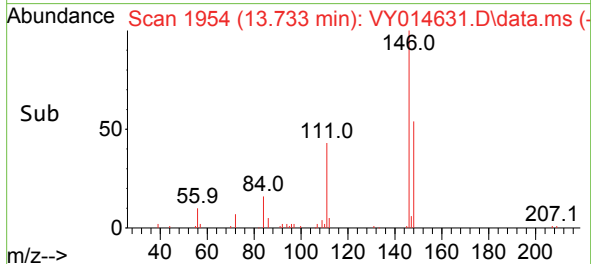
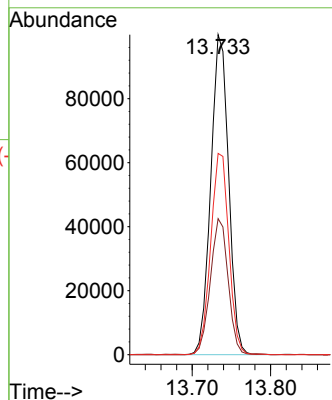
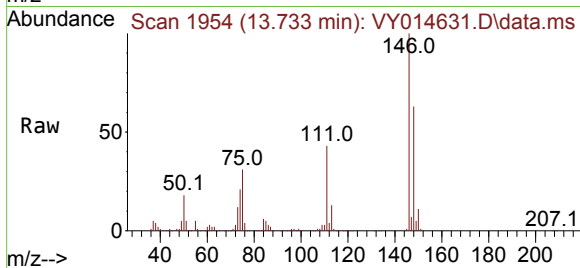
Tgt Ion:146 Resp: 157874

Ion Ratio Lower Upper

146 100

111 42.5 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.557 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

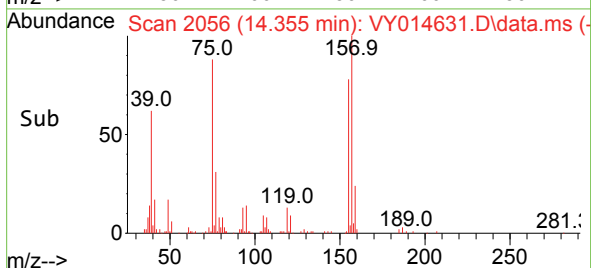
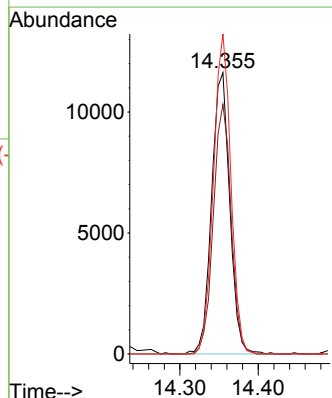
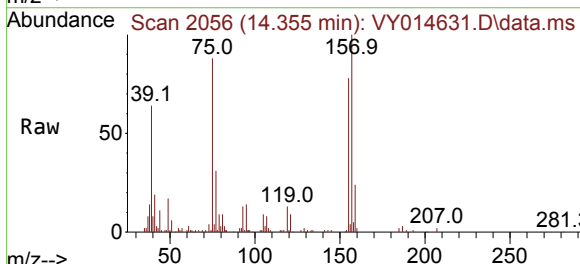
Tgt Ion: 75 Resp: 18640

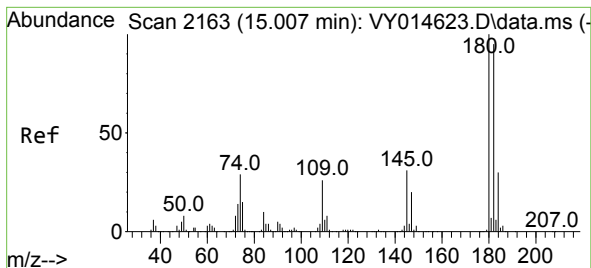
Ion Ratio Lower Upper

75 100

155 87.3 41.5 124.6

157 109.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.302 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

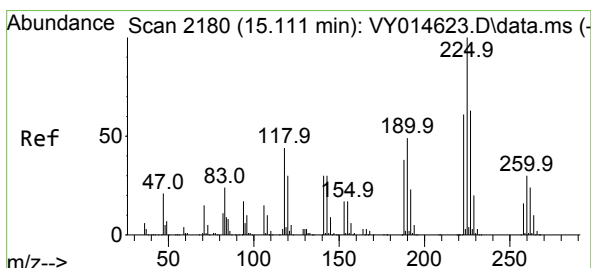
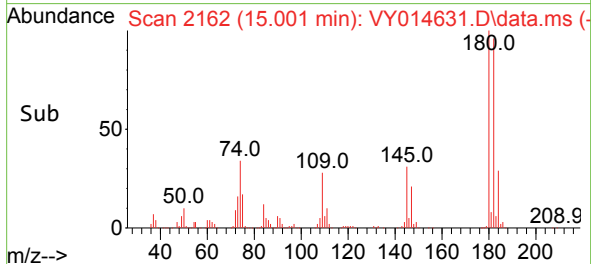
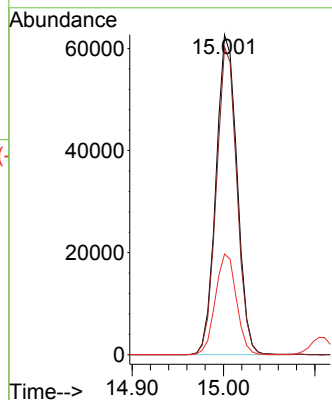
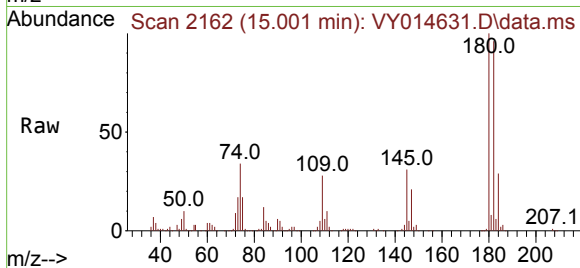
Tgt Ion:180 Resp: 100294

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.654 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

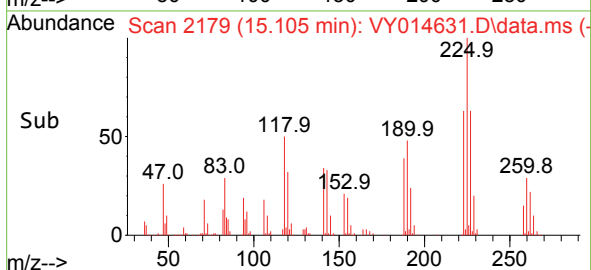
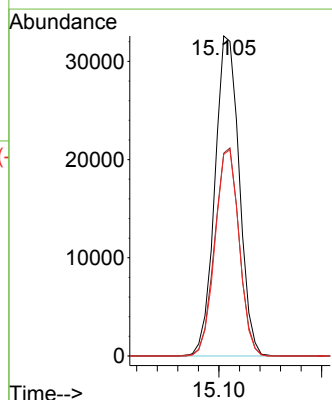
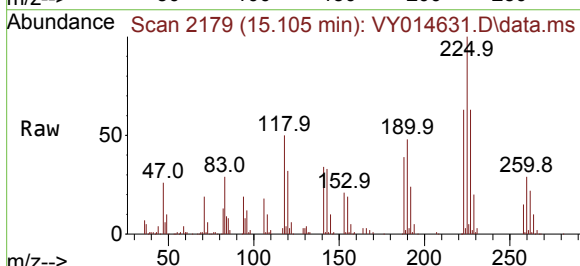
Tgt Ion:225 Resp: 53513

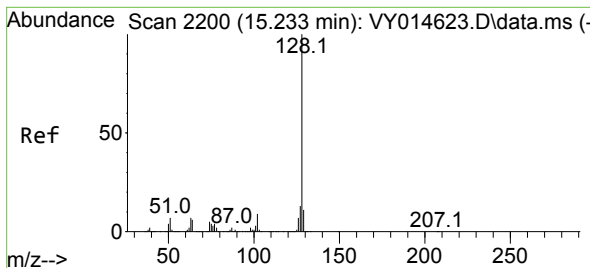
Ion Ratio Lower Upper

225 100

223 65.1 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 23.771 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

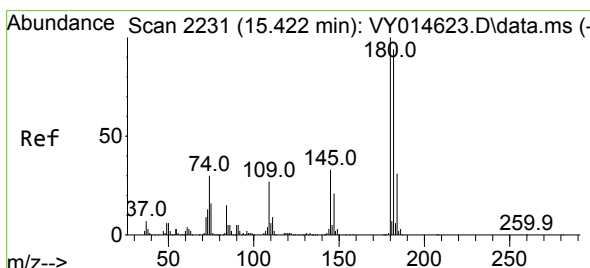
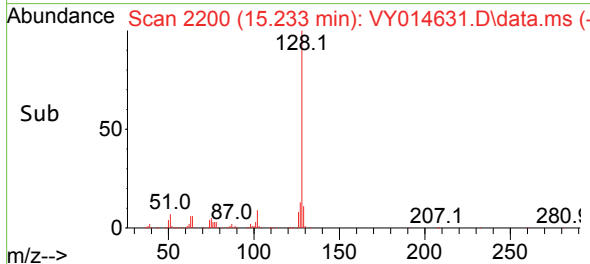
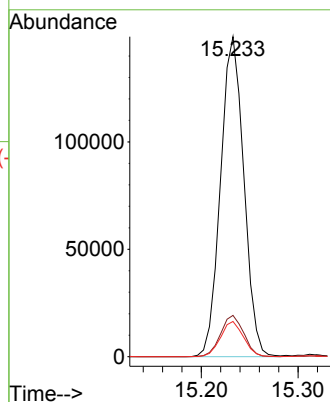
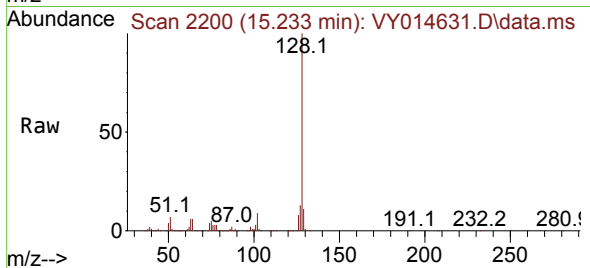
Tgt Ion:128 Resp: 249052

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: 22.714 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion:180 Resp: 90783

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 34.0 15.4 46.2

